

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121119\
 Data File : VD064504.D
 Acq On : 11 Dec 2019 17:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/12/2019 10:29:10 AM

Quant Time: Dec 12 03:45:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	602865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	874826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	804885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	400452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	278662	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.91	113	280255	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.34	98	1073225	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.64	95	355913	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	279612	51.187	ug/l	100
3) Chloromethane	2.21	50	353541	51.314	ug/l	100
4) Vinyl Chloride	2.35	62	387786	48.747	ug/l	98
5) Bromomethane	2.77	94	252176	42.867	ug/l	98
6) Chloroethane	2.93	64	259605	48.824	ug/l	97
7) Trichlorofluoromethane	3.27	101	630321	47.663	ug/l	99
8) Diethyl Ether	3.71	74	152699	55.566	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	304320	53.669	ug/l	98
10) Methyl Iodide	4.29	142	356198	59.485	ug/l	98
11) Tert butyl alcohol	5.24	59	86475	248.954	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	289516	53.279	ug/l	97
13) Acrolein	3.93	56	127498	269.106	ug/l	98
14) Allyl chloride	4.71	41	471868	55.643	ug/l	98
15) Acrylonitrile	5.43	53	300506	250.067	ug/l	100
16) Acetone	4.17	43	269732	244.608	ug/l	97
17) Carbon Disulfide	4.40	76	844287	49.058	ug/l	98
18) Methyl Acetate	4.73	43	155887	48.464	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	663356	53.219	ug/l	97
20) Methylene Chloride	4.96	84	335598	60.863	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	316088	51.425	ug/l	98
22) Diisopropyl ether	6.37	45	922576	55.108	ug/l	98
23) Vinyl Acetate	6.31	43	2660127	269.529	ug/l	98
24) 1,1-Dichloroethane	6.26	63	533506	52.990	ug/l	98
25) 2-Butanone	7.22	43	375245	240.624	ug/l	99
26) 2,2-Dichloropropane	7.21	77	473629	54.094	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	345981	51.630	ug/l	99
28) Bromochloromethane	7.54	49	182026	52.903	ug/l	99
29) Tetrahydrofuran	7.57	42	238473	240.356	ug/l	98
30) Chloroform	7.71	83	555732	53.298	ug/l	98
31) Cyclohexane	7.98	56	467669	53.529	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	509868	52.744	ug/l	100
36) 1,1-Dichloropropene	8.11	75	418070	50.524	ug/l	99
37) Ethyl Acetate	7.30	43	177003	50.413	ug/l	99
38) Carbon Tetrachloride	8.09	117	462403	52.947	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	572032	55.730	ug/l	97
40) Benzene	8.35	78	1181807	51.423	ug/l	98
41) Methacrylonitrile	7.53	41	103390	51.347	ug/l	91
42) 1,2-Dichloroethane	8.43	62	352324	52.568	ug/l	99
43) Isopropyl Acetate	8.46	43	367862	53.286	ug/l	97
44) Trichloroethene	9.11	130	354856	51.259	ug/l	98
45) 1,2-Dichloropropane	9.39	63	287001	52.216	ug/l	98
46) Dibromomethane	9.48	93	156423	50.424	ug/l	99
47) Bromodichloromethane	9.66	83	428289	53.732	ug/l	99
48) Methyl methacrylate	9.46	41	161354	51.078	ug/l	93
49) 1,4-Dioxane	9.46	88	37077	967.893	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	848053	248.274	ug/l	100
52) Toluene	10.40	92	778602	51.984	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	400127	52.672	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	472979	52.411	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	282324	66.465	ug/l	98
56) Ethyl methacrylate	10.66	69	386844	71.404	ug/l	90
57) 1,3-Dichloropropane	10.94	76	370241	51.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	511004	236.608	ug/l	99
59) 2-Hexanone	10.98	43	582581m	245.796	ug/l	
60) Dibromochloromethane	11.14	129	296040	51.402	ug/l	96
61) 1,2-Dibromoethane	11.25	107	213661	50.378	ug/l	98
64) Tetrachloroethene	10.88	164	307691	50.130	ug/l	93
65) Chlorobenzene	11.67	112	826392	49.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	313861	50.505	ug/l	99
67) Ethyl Benzene	11.74	91	1508212	50.495	ug/l	98
68) m/p-Xylenes	11.86	106	1158714	101.744	ug/l	98
69) o-Xylene	12.18	106	537314	51.085	ug/l	99
70) Styrene	12.20	104	932025	50.993	ug/l	99
71) Bromoform	12.36	173	177838	47.832	ug/l #	98
73) Isopropylbenzene	12.48	105	1461251	50.736	ug/l	100
74) N-amyl acetate	12.29	43	419711	64.208	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.74	83	225331	47.311	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	169102m	51.349	ug/l	
77) Bromobenzene	12.77	156	354393	49.828	ug/l	98
78) n-propylbenzene	12.83	91	1678145	50.500	ug/l	99
79) 2-Chlorotoluene	12.91	91	937635	51.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1201165	51.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	73273	48.516	ug/l	92
82) 4-Chlorotoluene	13.01	91	987823	51.024	ug/l	98
83) tert-Butylbenzene	13.23	119	1061886	51.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1194138	50.458	ug/l	98
85) sec-Butylbenzene	13.41	105	1427003	50.814	ug/l	100
86) p-Isopropyltoluene	13.52	119	1352618	51.017	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	672992	49.855	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	659649	49.496	ug/l	99
89) n-Butylbenzene	13.85	91	1220179	50.678	ug/l	99
90) Hexachloroethane	14.12	117	240698	48.538	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	575787	49.910	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	35586	50.005	ug/l	97

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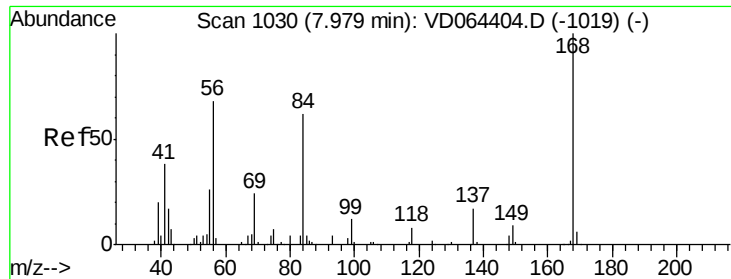
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	430327	48.706	ug/l	99
94) Hexachlorobutadiene	15.28	225	265655	48.706	ug/l	99
95) Naphthalene	15.41	128	737856	50.042	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	357974	47.466	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 602865

Ion Ratio Lower Upper

168 100

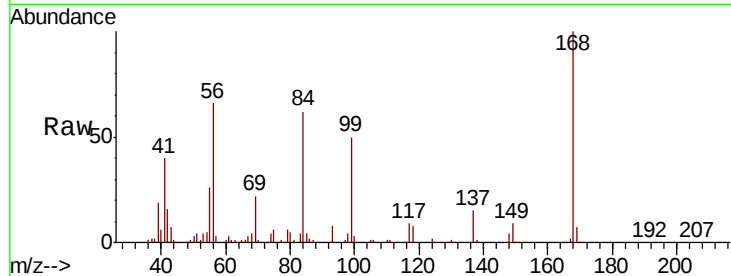
99 50.0 40.7 61.1

Manual Integrations

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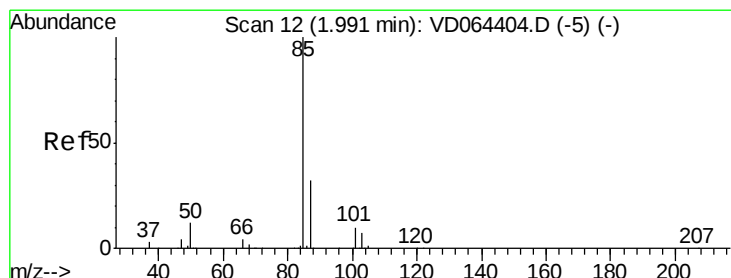
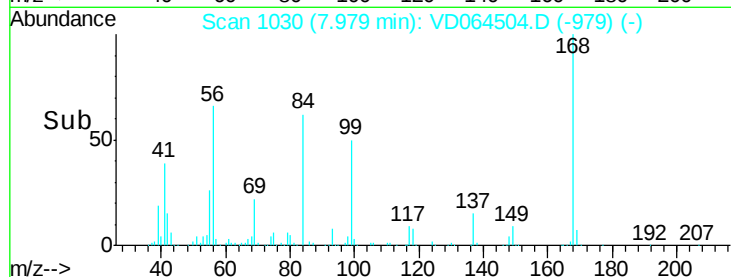
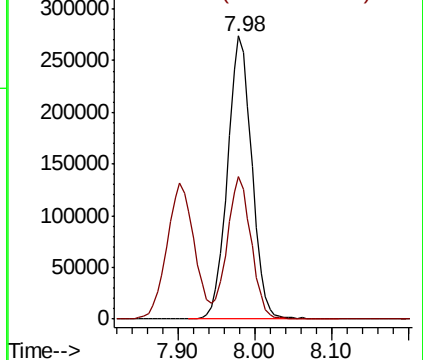
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 51.187 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064504.D

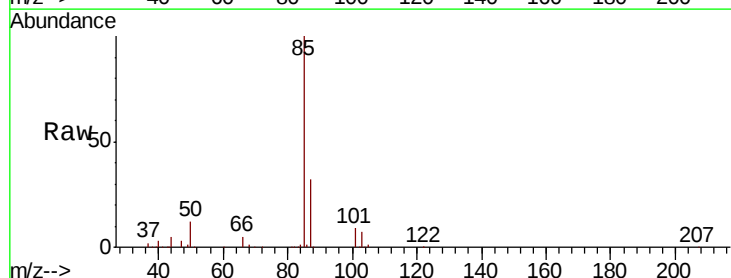
Acq: 11 Dec 2019 17:18

Tgt Ion: 85 Resp: 279612

Ion Ratio Lower Upper

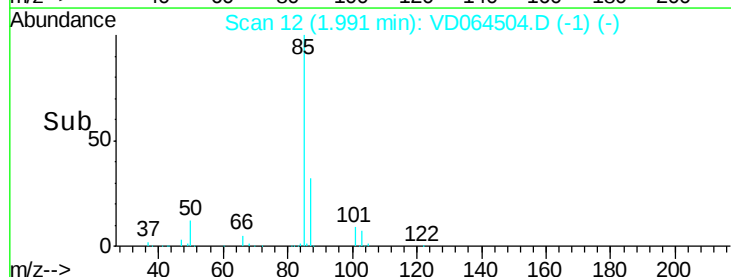
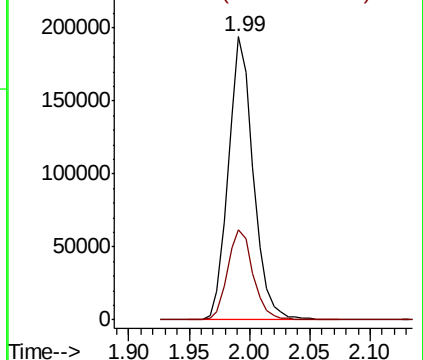
85 100

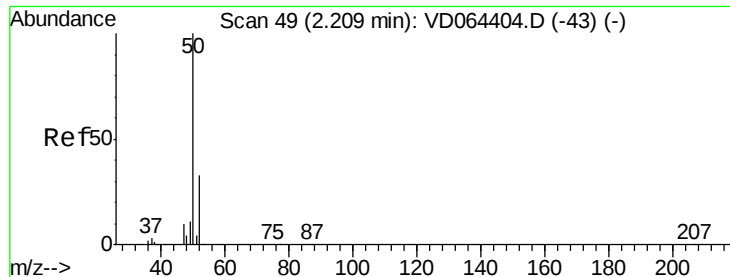
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 51.314 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 353541

Ion Ratio Lower Upper

50 100

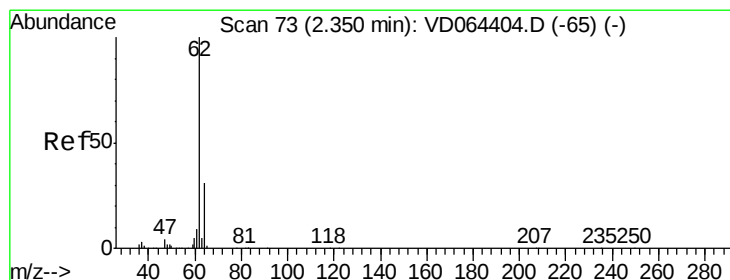
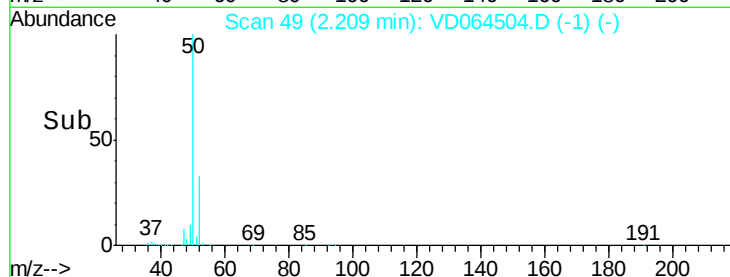
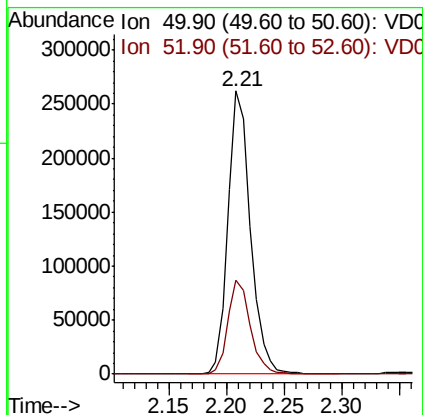
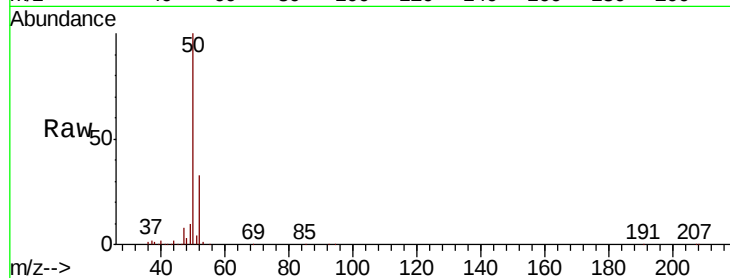
52 33.1 26.7 40.1

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#4

Vinyl Chloride

Concen: 48.747 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064504.D

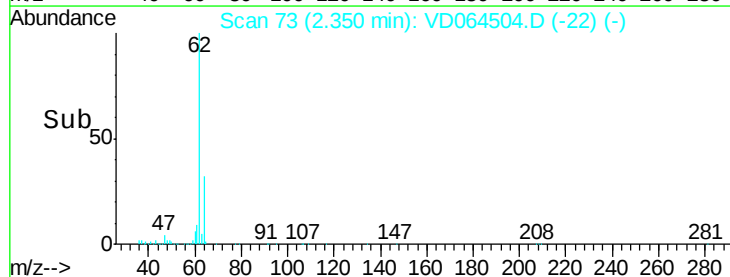
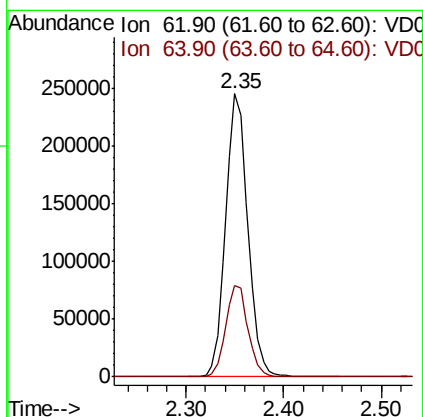
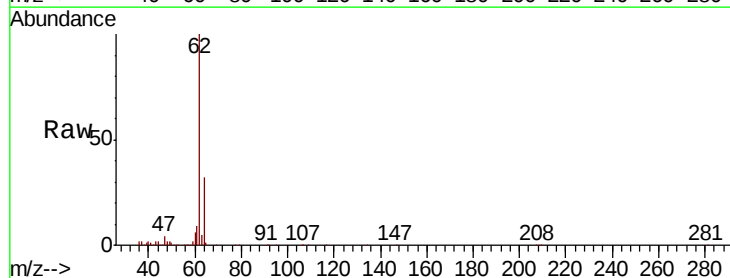
Acq: 11 Dec 2019 17:18

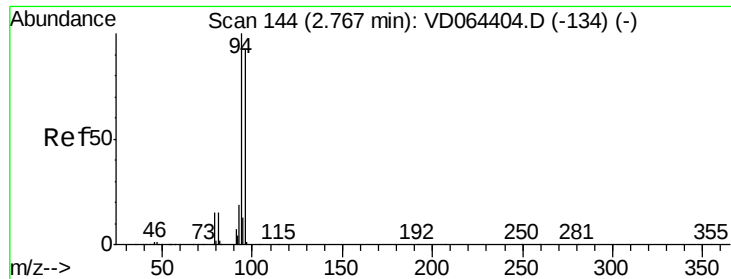
Tgt Ion: 62 Resp: 387786

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 42.867 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 252176

Ion Ratio Lower Upper

94 100

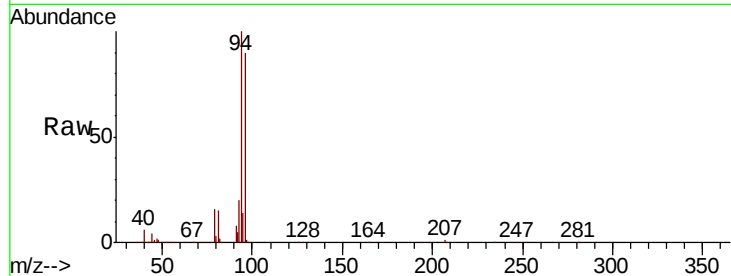
96 89.9 73.6 110.4

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

120000

100000

80000

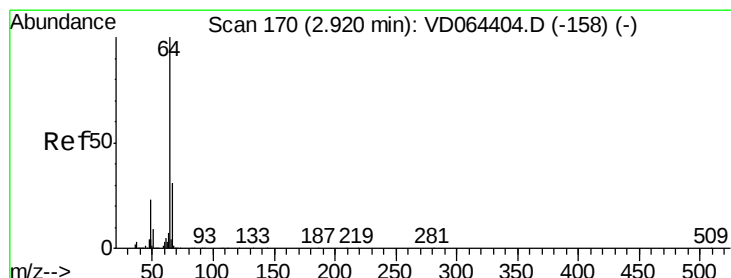
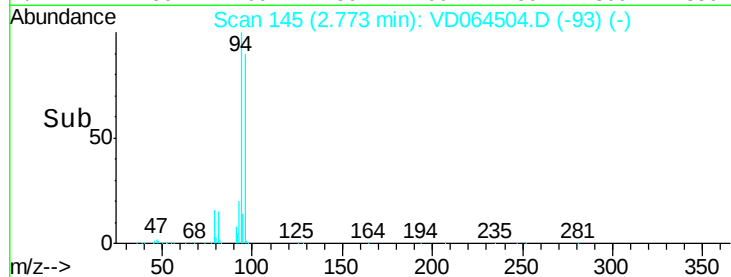
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 48.824 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD064504.D

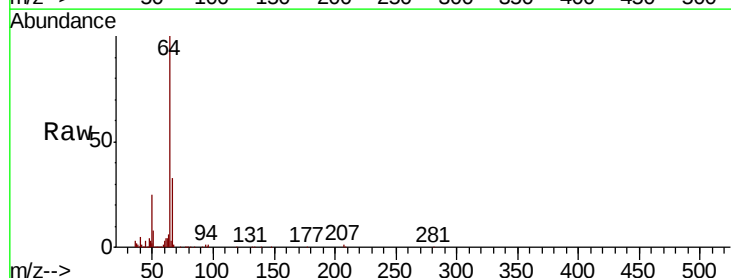
Acq: 11 Dec 2019 17:18

Tgt Ion: 64 Resp: 259605

Ion Ratio Lower Upper

64 100

66 32.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

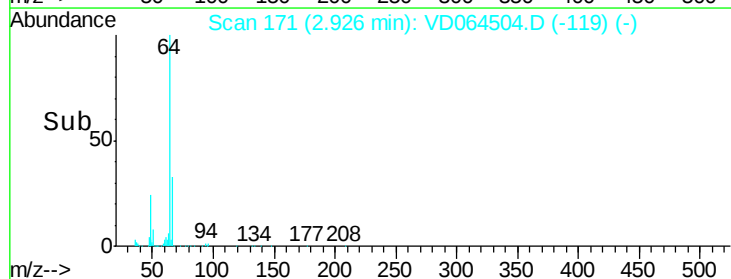
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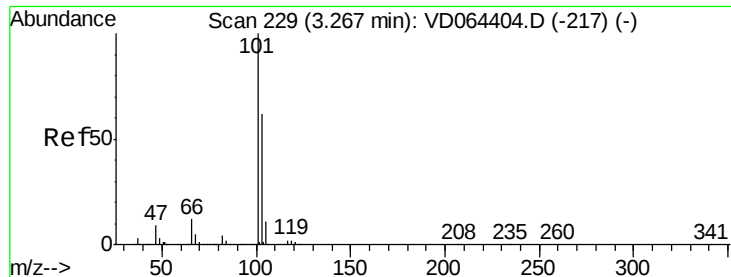
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50000

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Time-->





#7

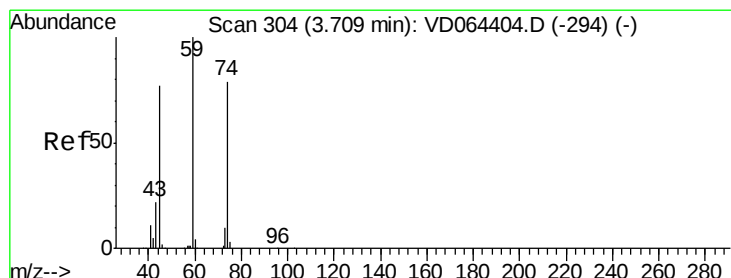
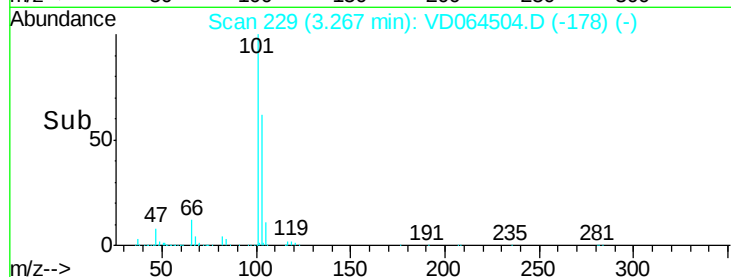
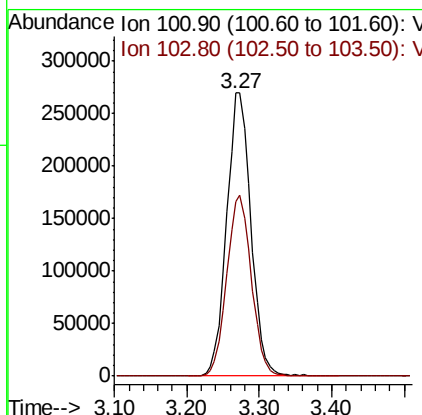
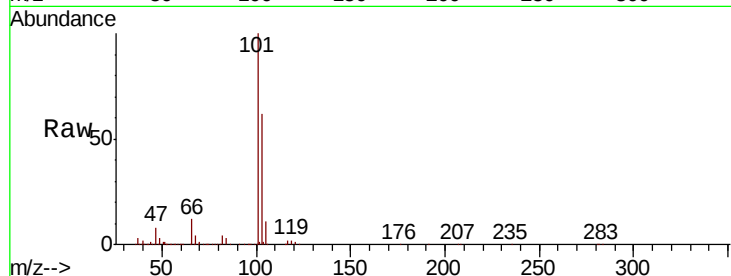
Trichlorofluoromethane
Concen: 47.663 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.00 min
Lab File: VD064504.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	49.8	74.6

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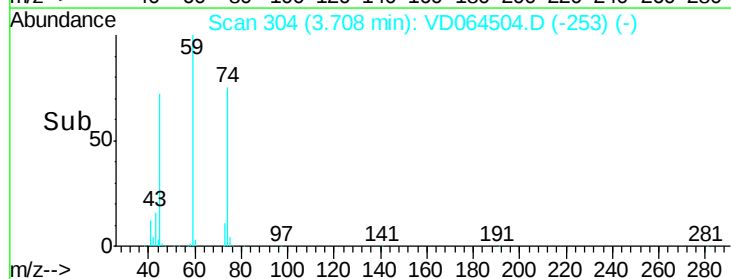
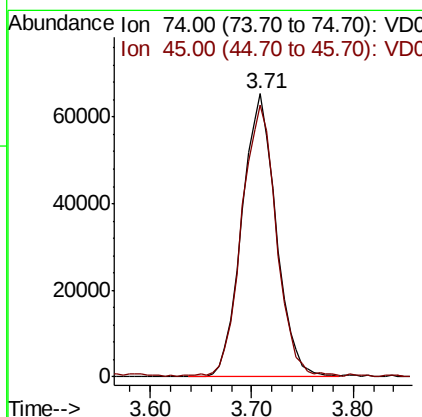
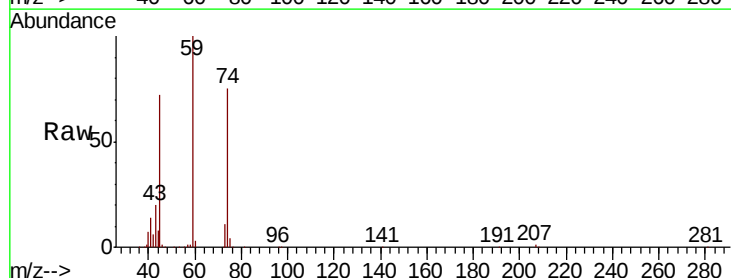
apatel
12/12/2019 10:29:10 AM

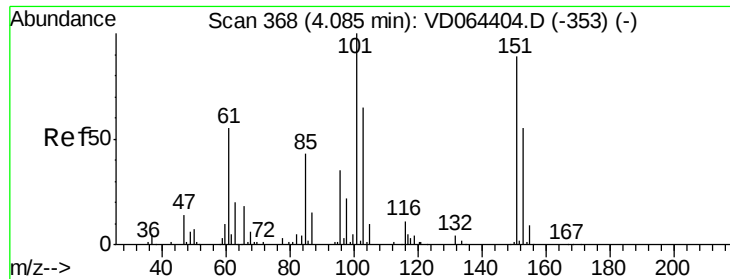


#8

Diethyl Ether
Concen: 55.566 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.669 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

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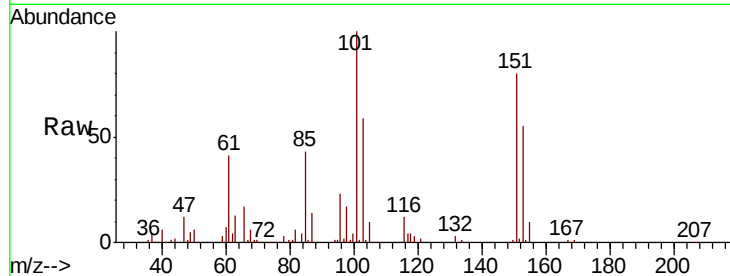
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VSTDCCC050EC

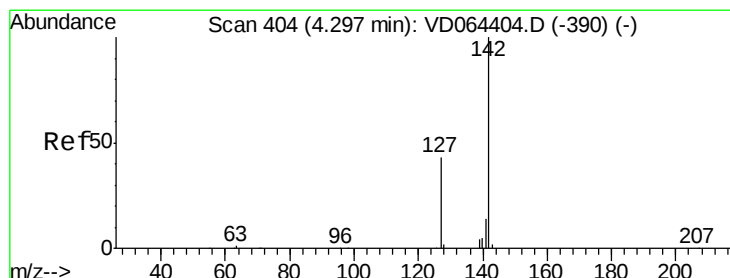
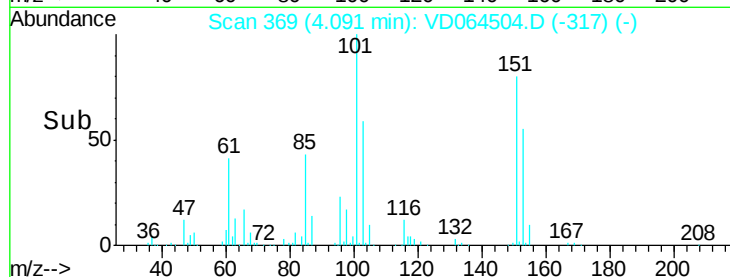
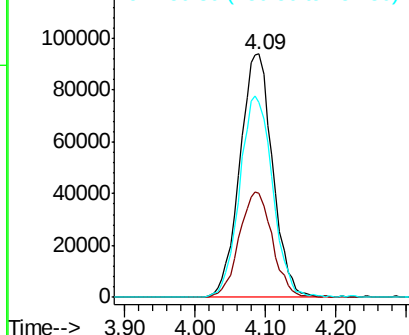
Tot Ion:	101	Resp:	304320
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.8	52.2
151	83.3	68.8	103.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 59.485 ug/l

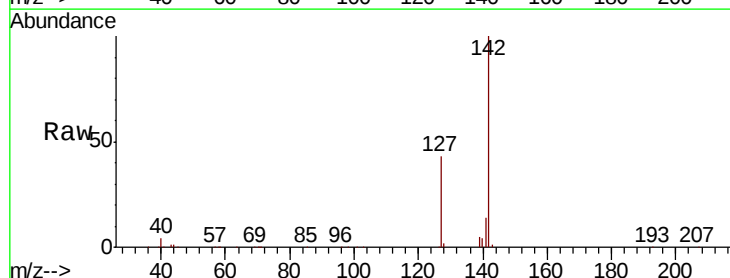
RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

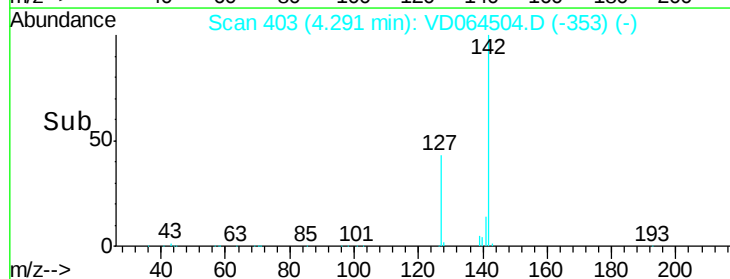
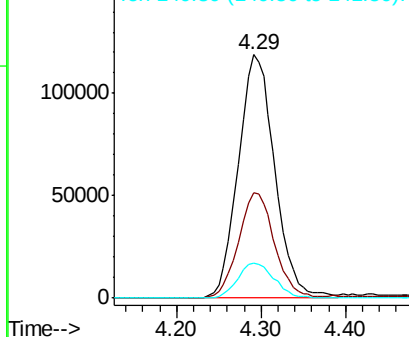
Lab File: VD064504.D

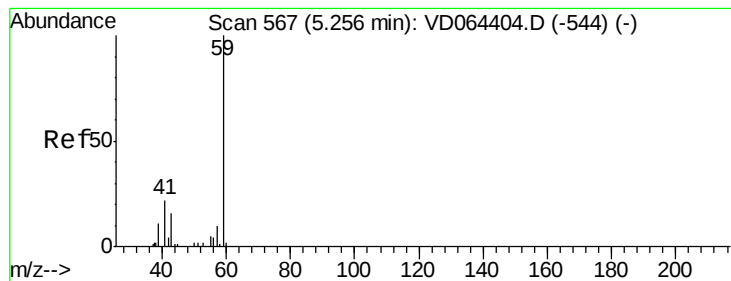
Acq: 11 Dec 2019 17:18

Tgt Ion:	142	Resp:	356198
Ion Ratio	Lower	Upper	
142	100		
127	42.7	35.3	52.9
141	14.7	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

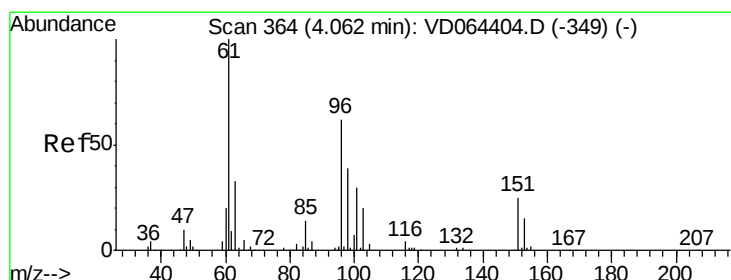
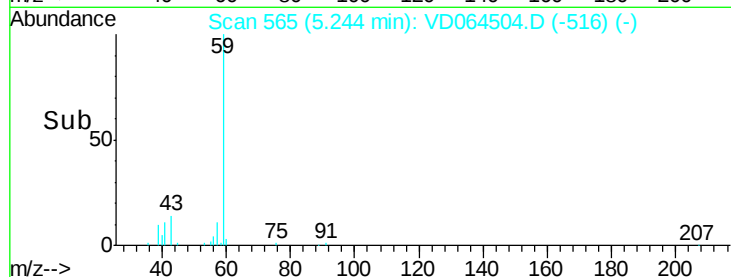
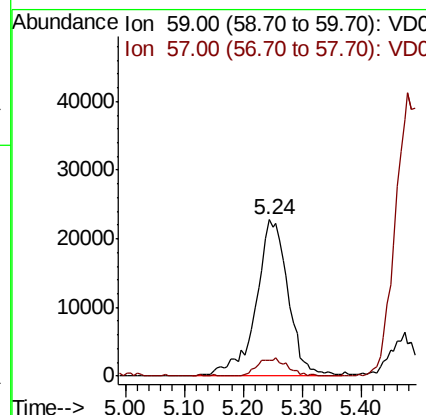
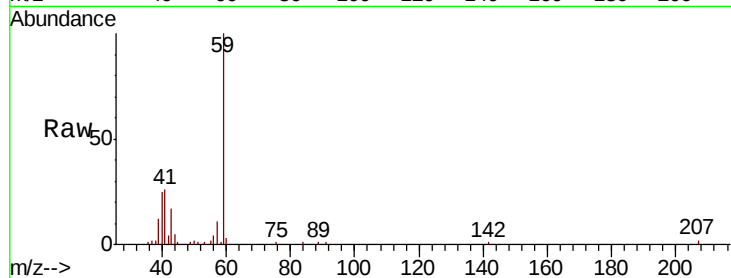
Tert butyl alcohol
Concen: 248.954 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	0.0	0.0#

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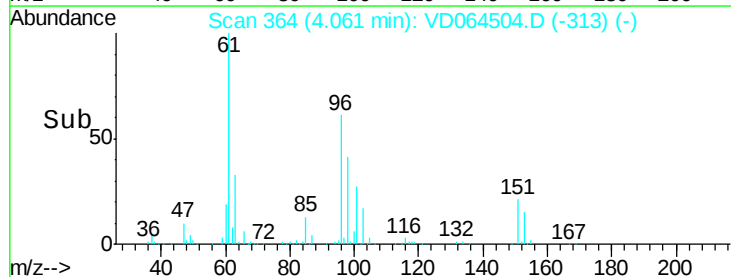
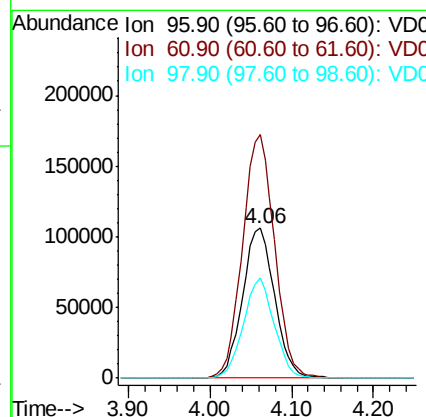
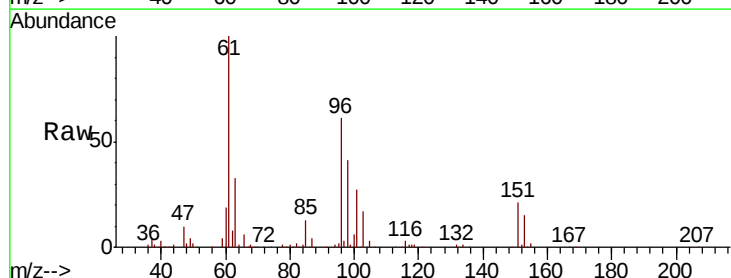
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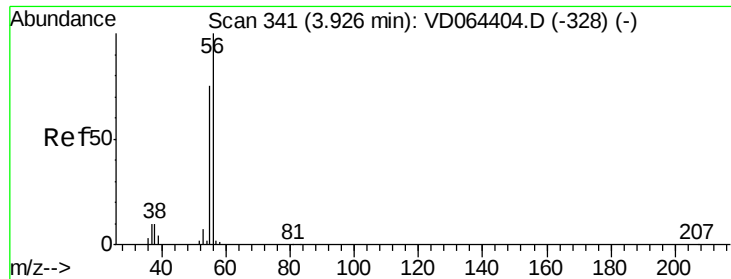


#12

1,1-Dichloroethene
Concen: 53.279 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	128.2	192.4
98	66.7	50.4	75.6





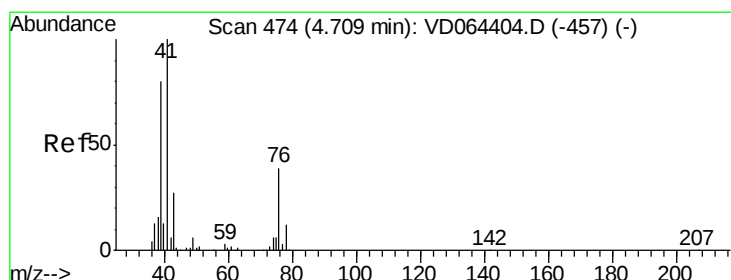
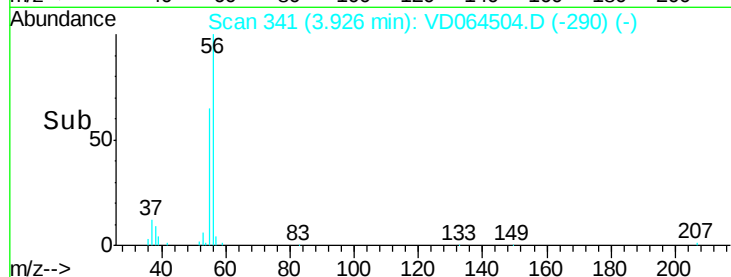
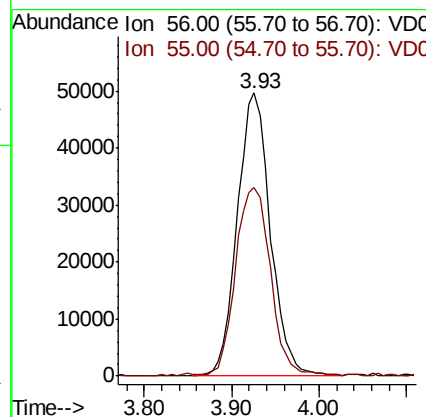
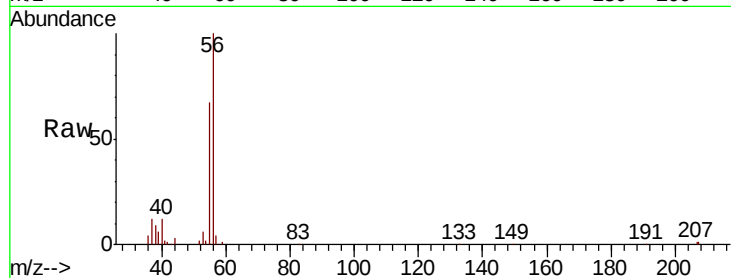
#13
Acrolein
Concen: 269.106 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	127498
Ion Ratio	Lower	Upper	
56	100		
55	69.1	56.9	85.3

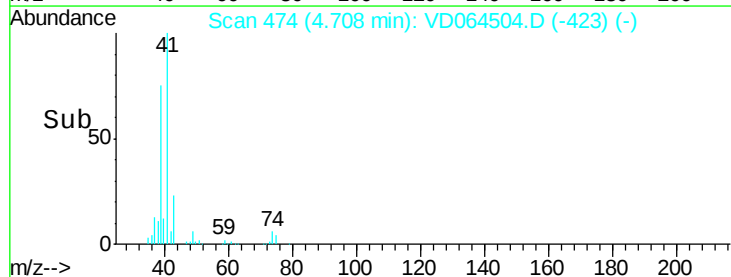
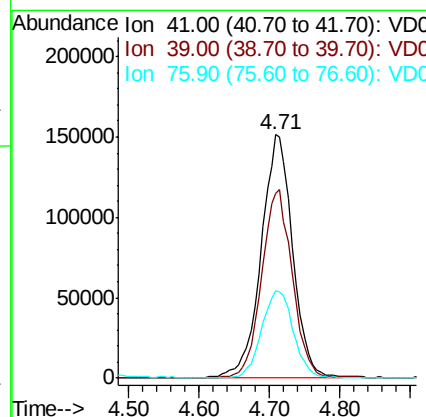
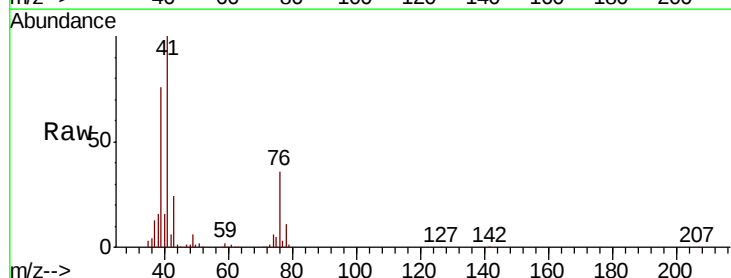
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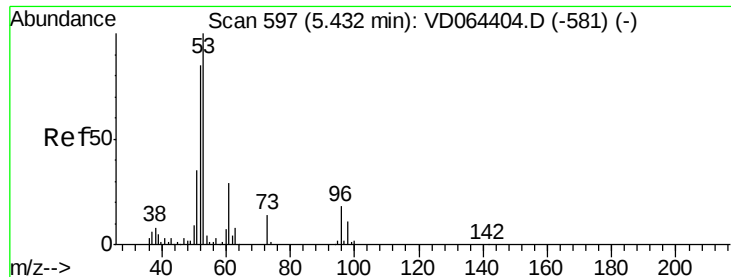
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#14
Allyl chloride
Concen: 55.643 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	41	Resp	471868
Ion Ratio	Lower	Upper	
41	100		
39	75.9	62.1	93.1
76	35.6	29.8	44.8





#15

Acrylonitrile

Concen: 250.067 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

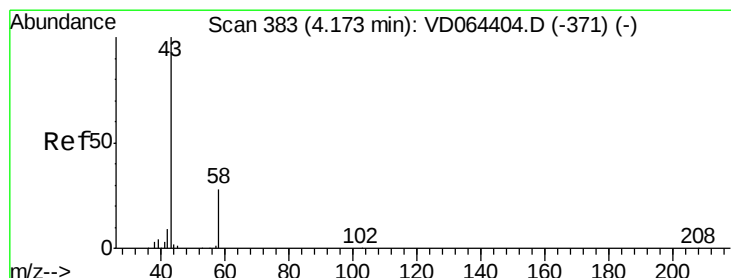
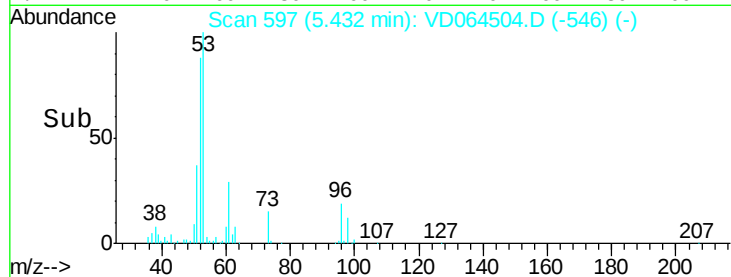
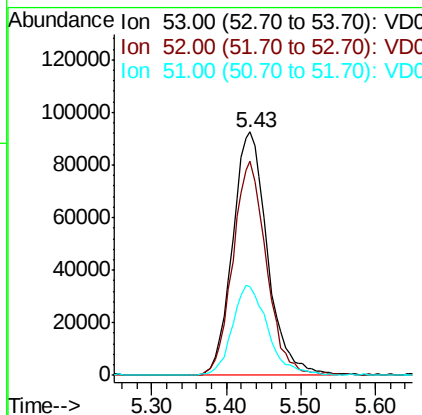
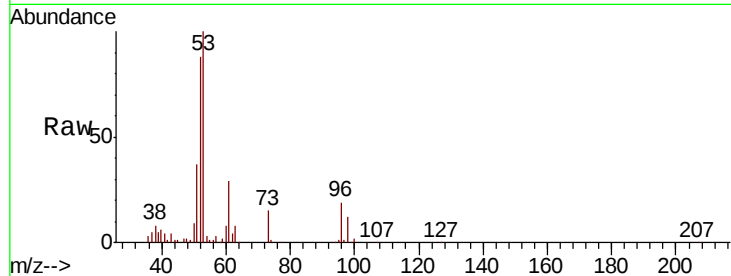
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	300506
Ion Ratio		Lower	Upper
53	100		
52	84.8	67.9	101.9
51	37.7	30.6	45.8

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#16

Acetone

Concen: 244.608 ug/l

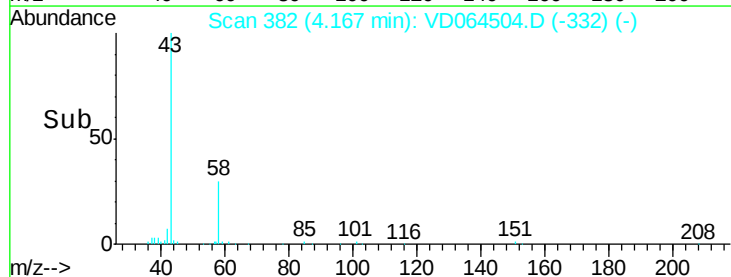
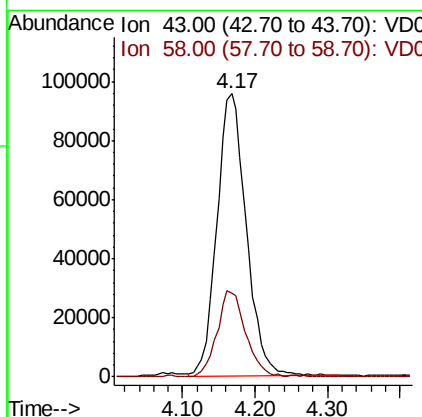
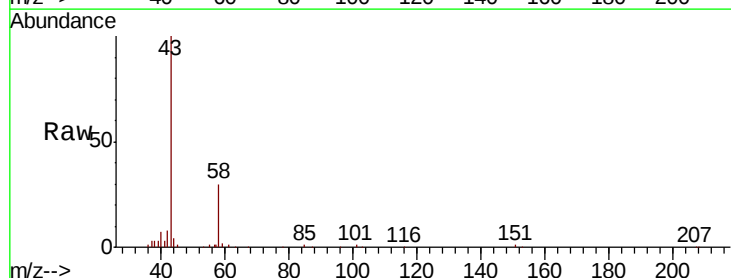
RT: 4.17 min Scan# 382

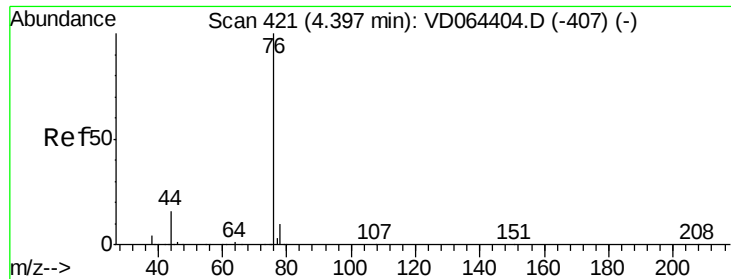
Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	43	Resp:	269732
Ion Ratio		Lower	Upper
43	100		
58	29.6	22.6	33.8





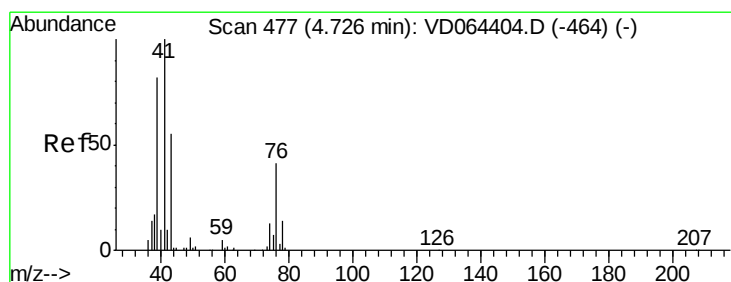
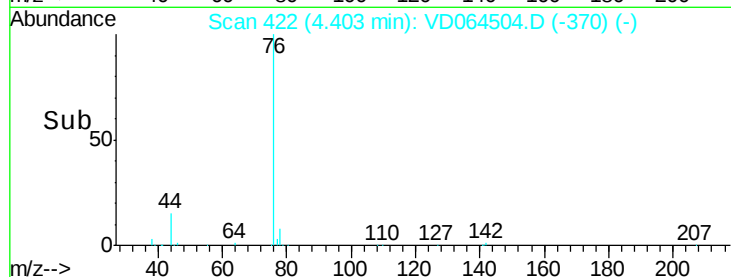
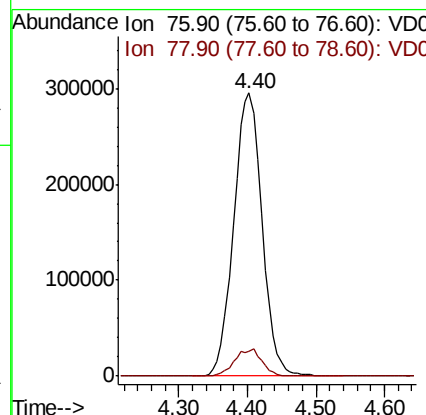
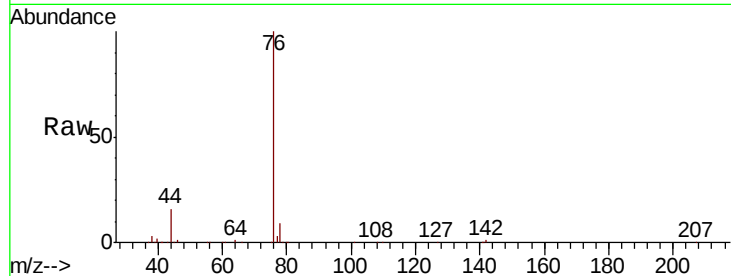
#17
Carbon Disulfide
Concen: 49.058 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.8	11.8

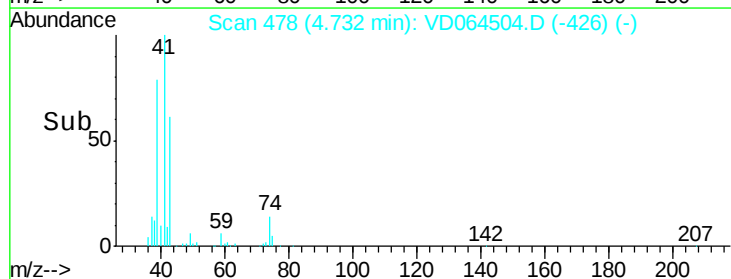
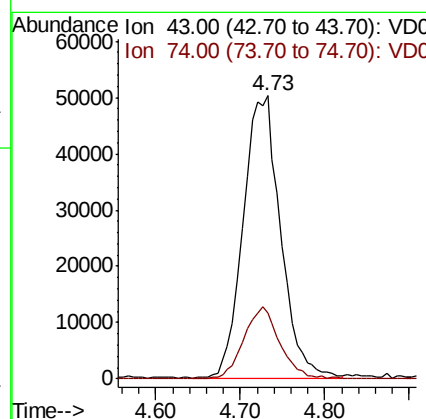
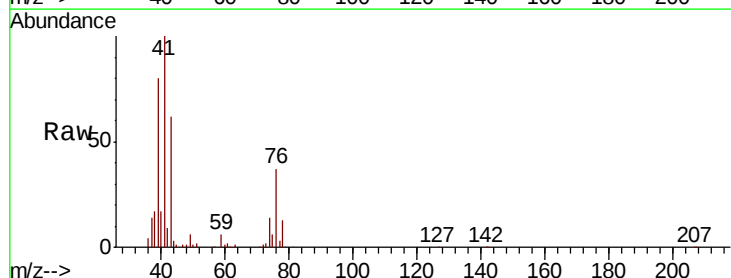
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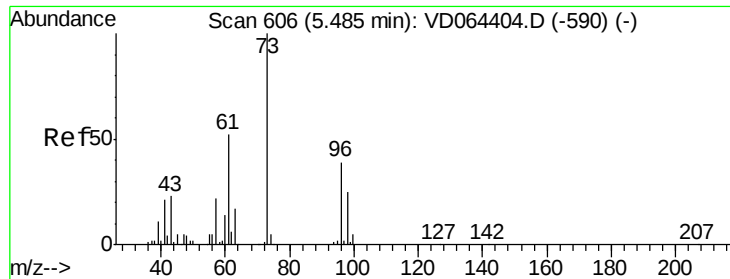
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#18
Methyl Acetate
Concen: 48.464 ug/l
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.7	29.5





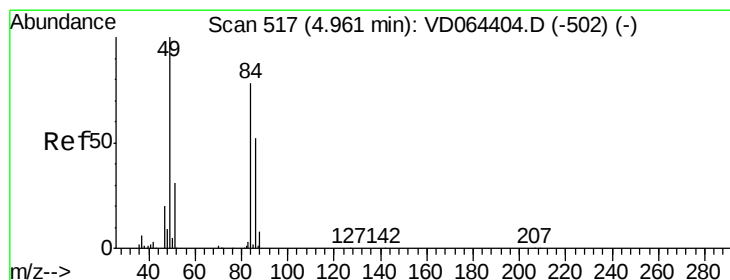
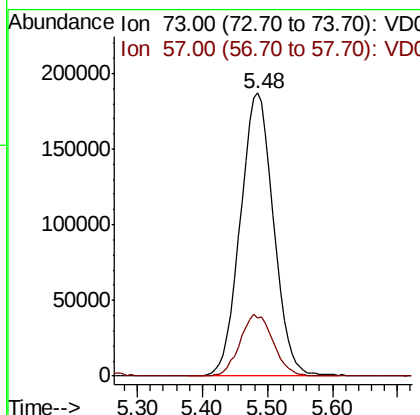
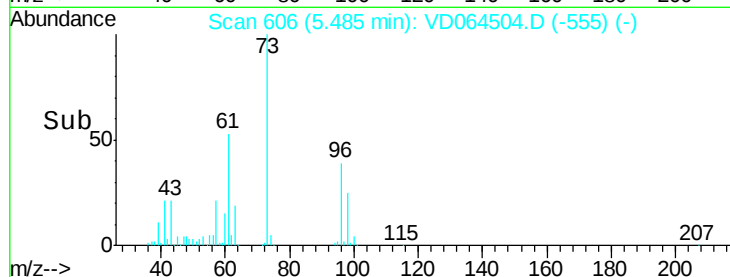
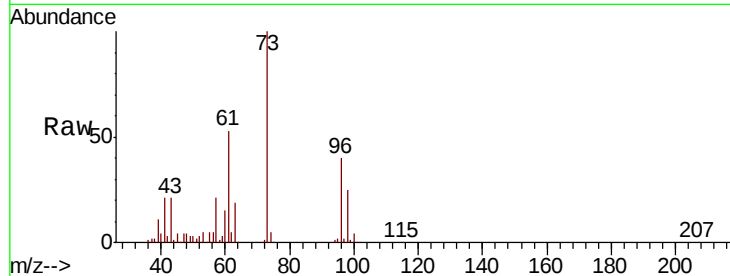
#19
Methvl tert-butvl Ether
Concen: 53.219 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 663356
Ion Ratio Lower Upper
73 100
57 20.7 17.6 26.4

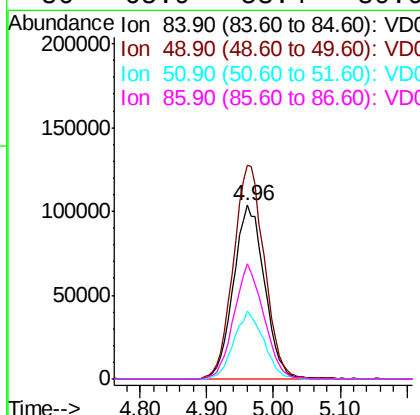
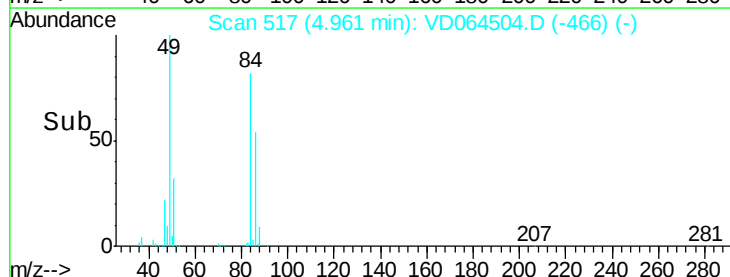
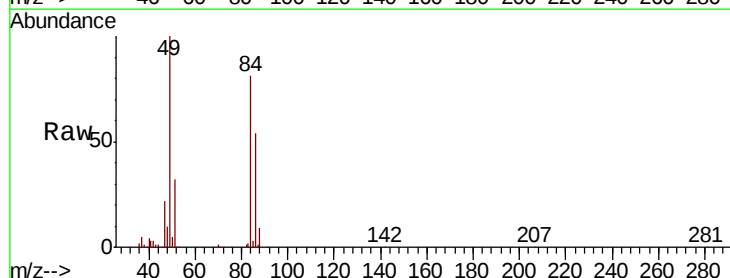
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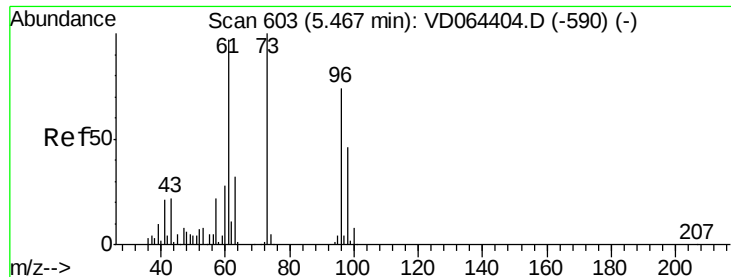
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#20
Methylene Chloride
Concen: 60.863 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion: 84 Resp: 335598
Ion Ratio Lower Upper
84 100
49 122.7 102.6 153.8
51 38.8 32.0 48.0
86 65.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.425 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

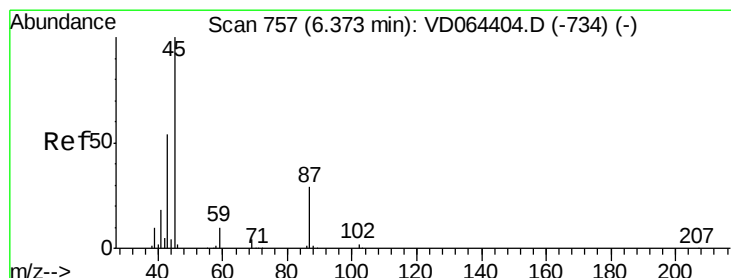
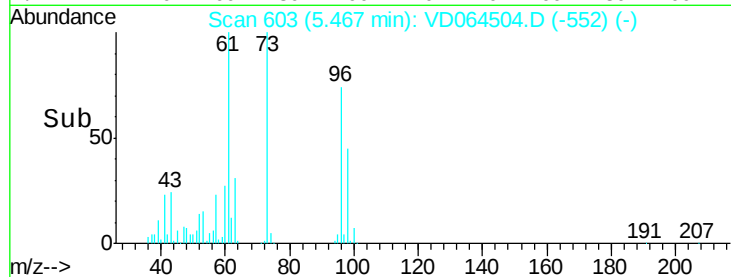
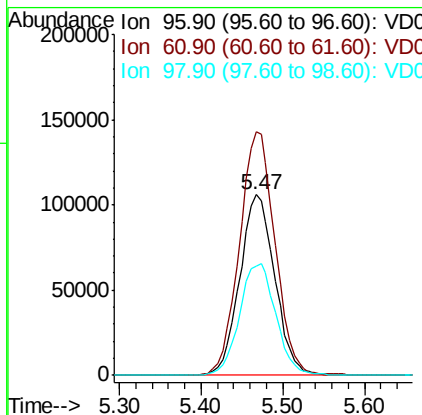
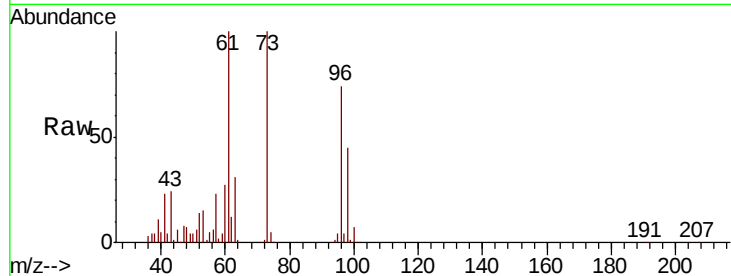
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	316088
Ion	Ratio	Lower	Upper
96	100		
61	134.8	105.8	158.6
98	60.7	50.1	75.1

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#22

Diisopropyl ether

Concen: 55.108 ug/l

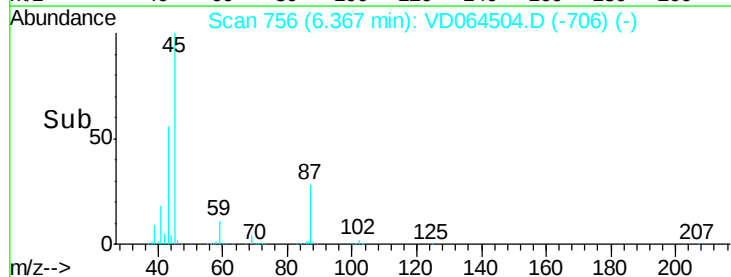
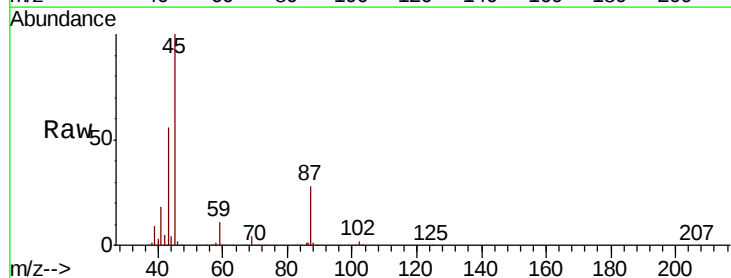
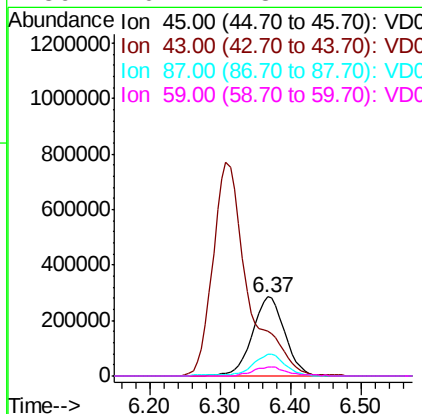
RT: 6.37 min Scan# 756

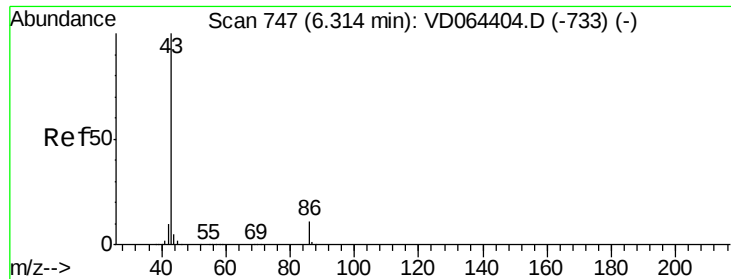
Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	45	Resp:	922576
Ion	Ratio	Lower	Upper
45	100		
43	55.3	43.1	64.7
87	28.1	23.5	35.3
59	10.7	8.2	12.2





#23

Vinyl Acetate

Concen: 269.529 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tot Ion: 43 Resp: 2660127

Ion Ratio Lower Upper

43 100

86 10.3 8.9 13.3

Instrument :

MSVOA_D

ClientSampleId :

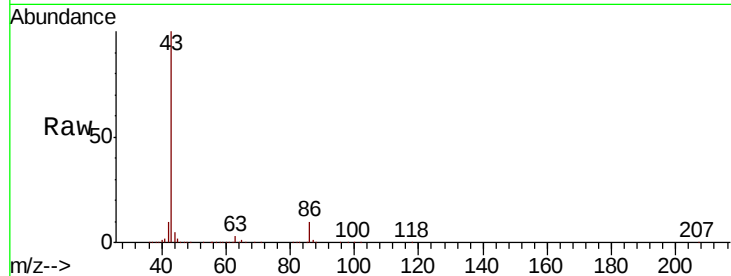
VSTDCCC050EC

Manual Integrations

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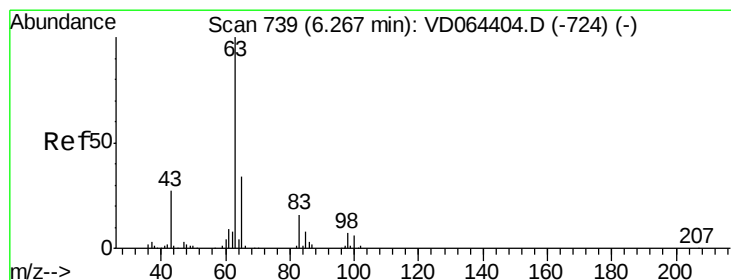
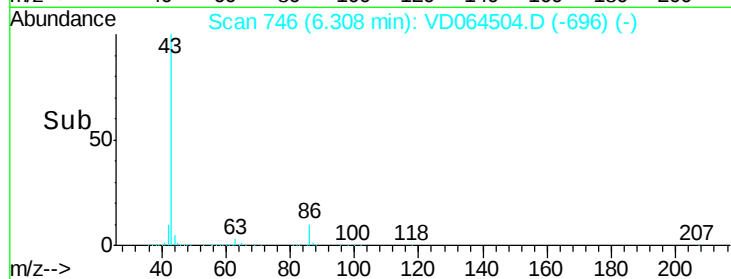
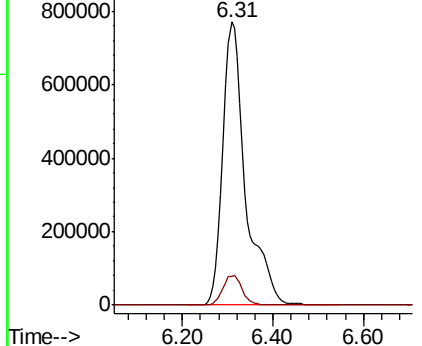
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 52.990 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

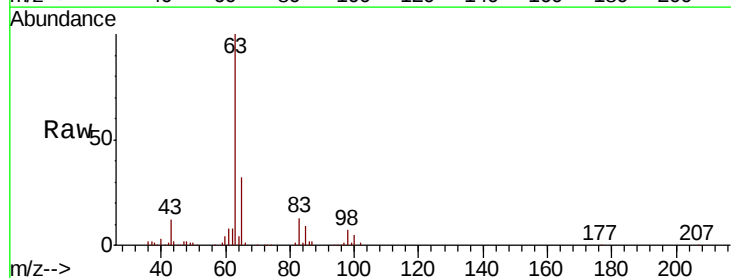
Tgt Ion: 63 Resp: 533506

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

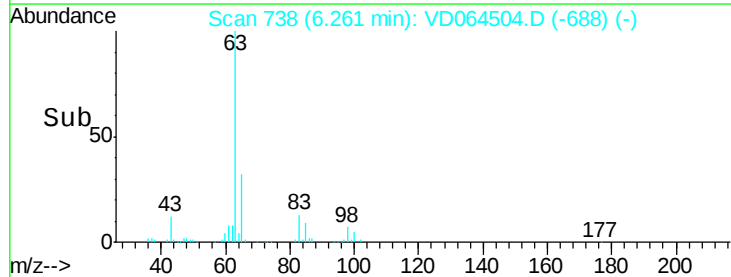
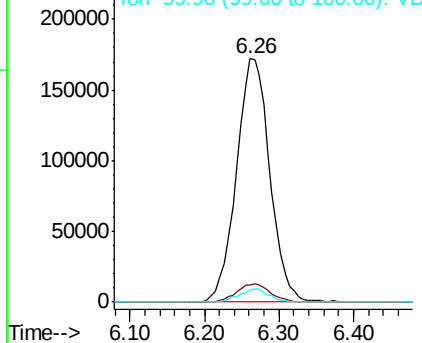
100 5.0 2.9 8.6

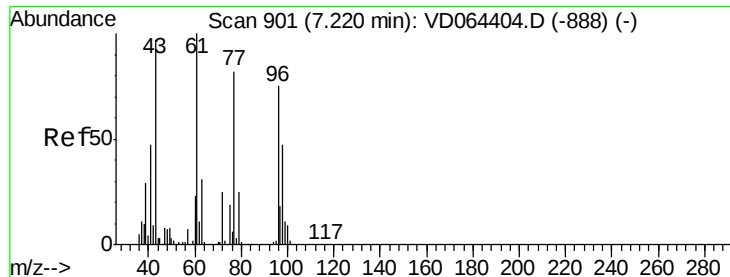


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 240.624 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 375245

Ion Ratio Lower Upper

43 100

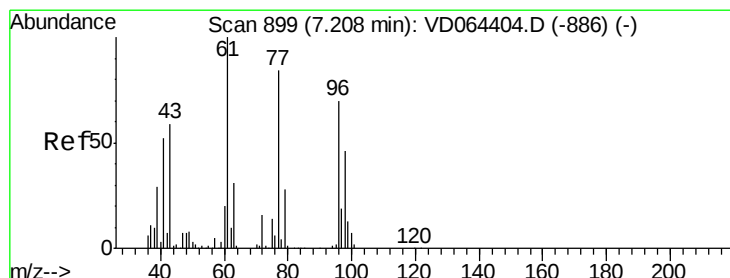
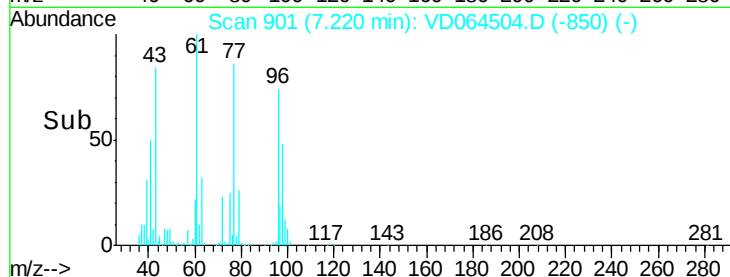
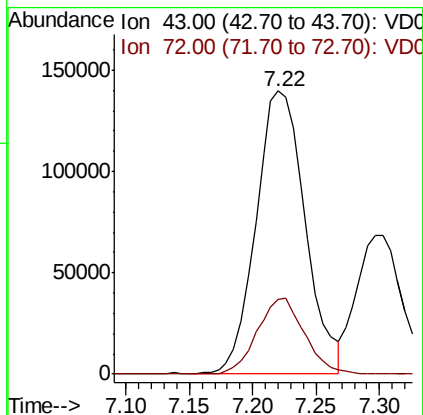
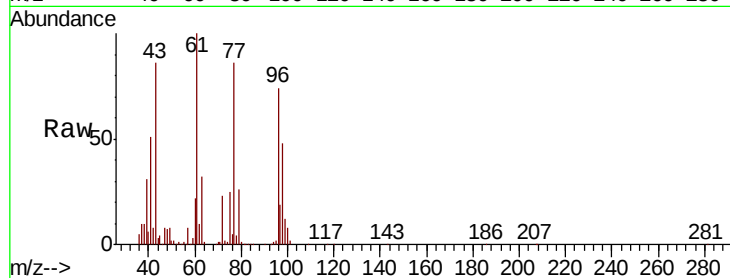
72 26.7 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 54.094 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD064504.D

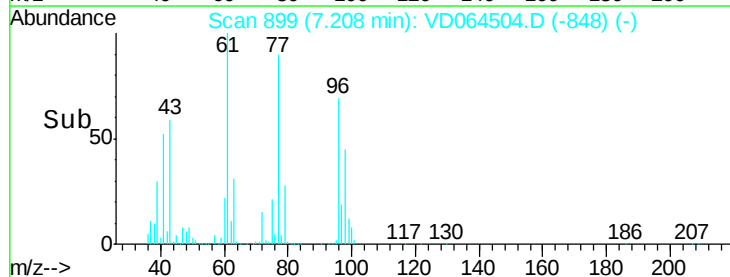
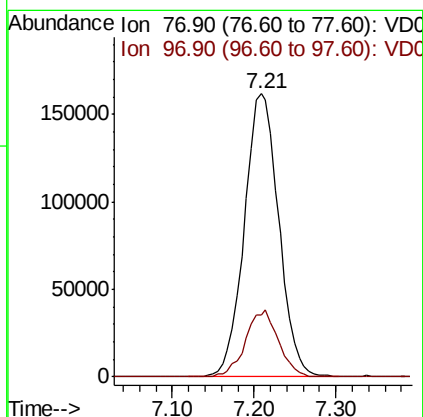
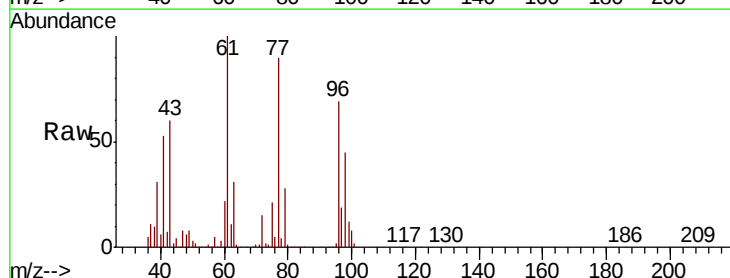
Acq: 11 Dec 2019 17:18

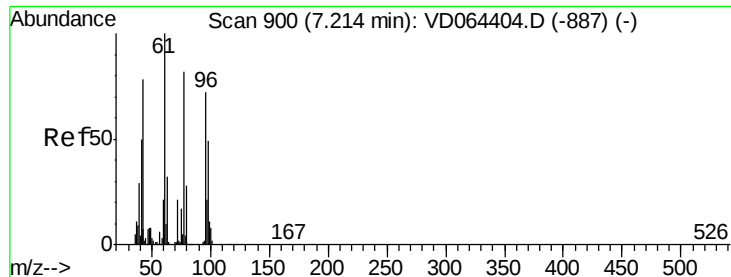
Tgt Ion: 77 Resp: 473629

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 51.630 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

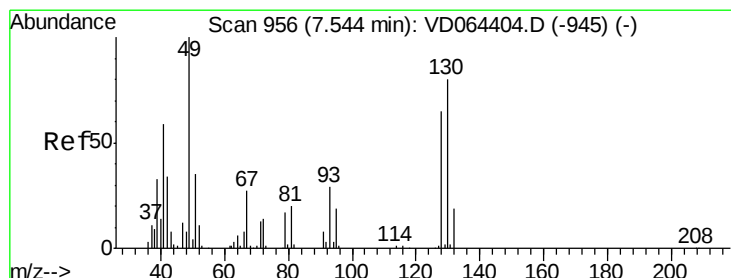
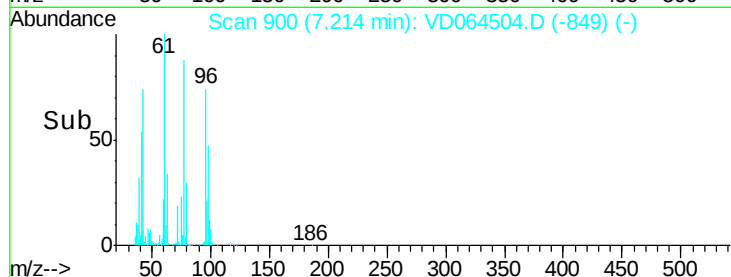
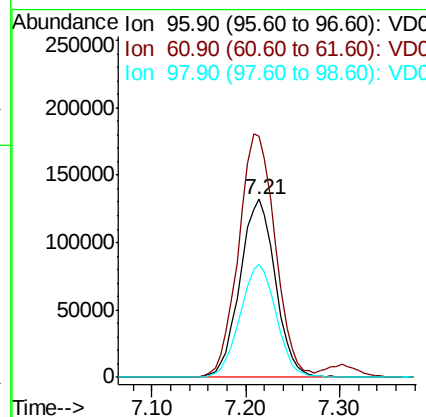
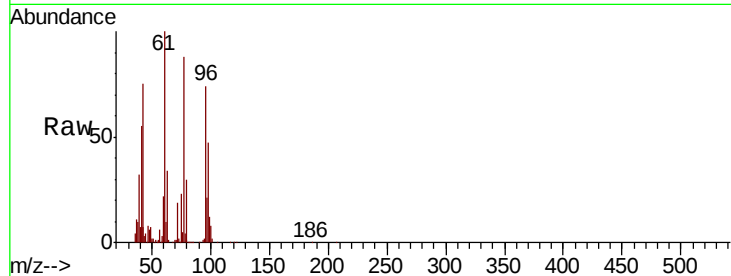
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	345981
Ion Ratio	Lower	Upper	
96	100		
61	141.6	0.0	279.6
98	64.7	0.0	129.2

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#28

Bromochloromethane

Concen: 52.903 ug/l

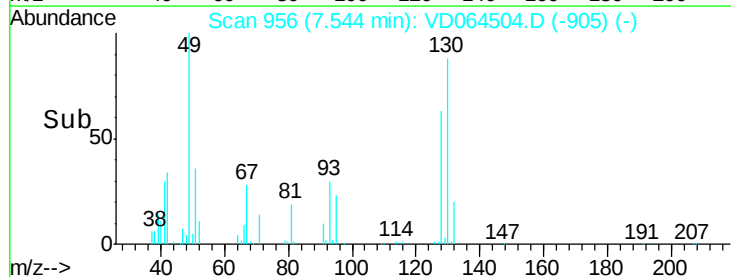
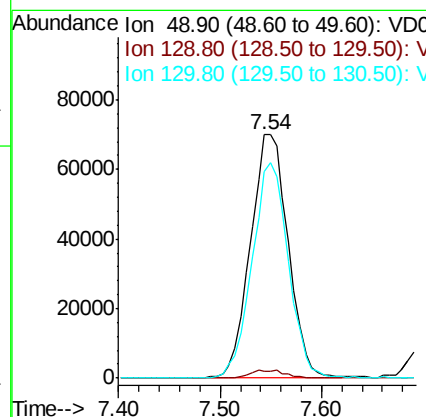
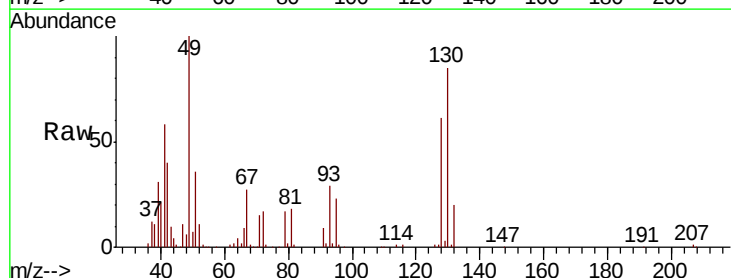
RT: 7.54 min Scan# 956

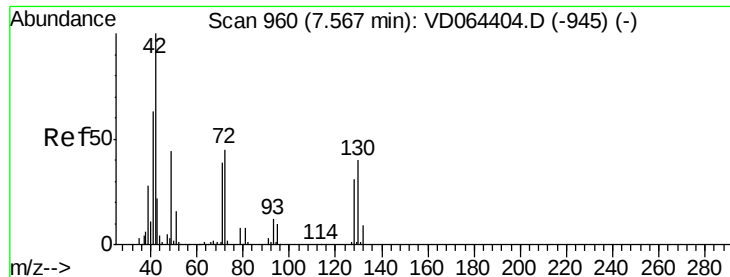
Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	49	Resp:	182026
Ion Ratio	Lower	Upper	
49	100		
129	2.9	0.0	4.4
130	85.0	67.4	101.0





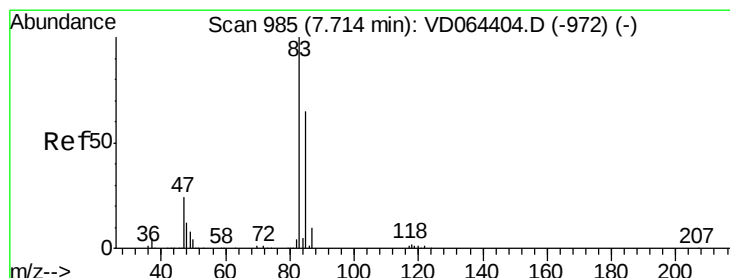
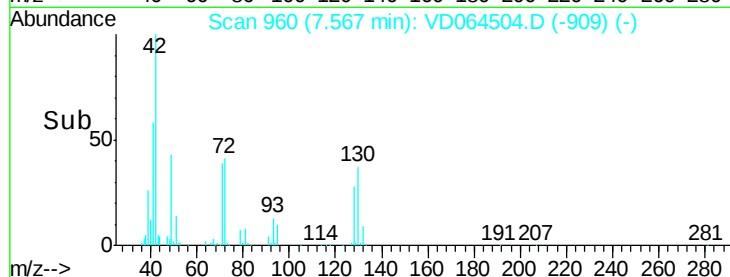
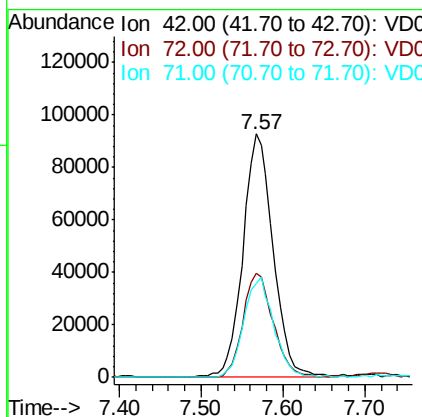
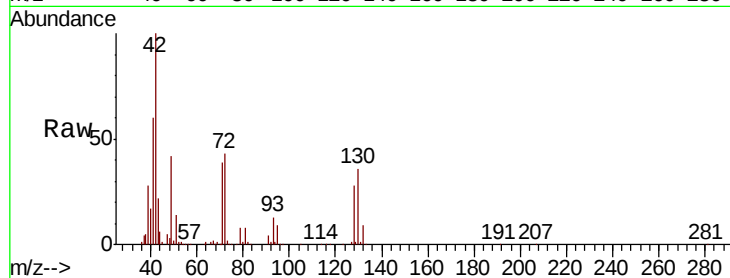
#29
Tetrahydrofuran
Concen: 240.356 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.8	53.8
71	40.8	32.7	49.1

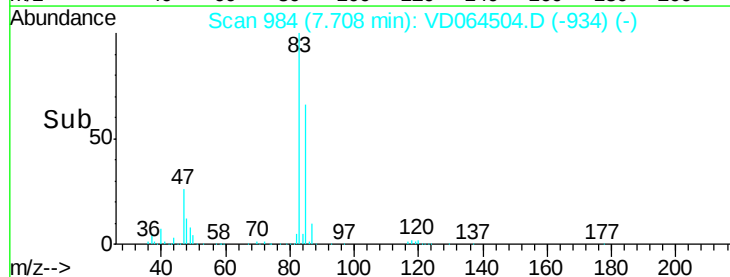
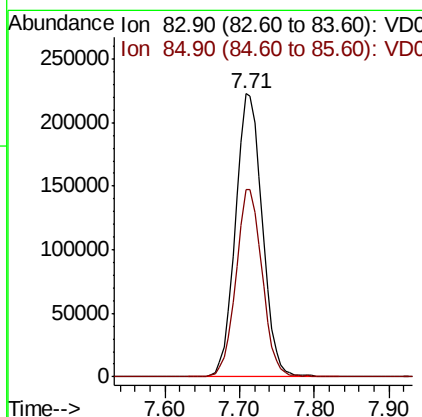
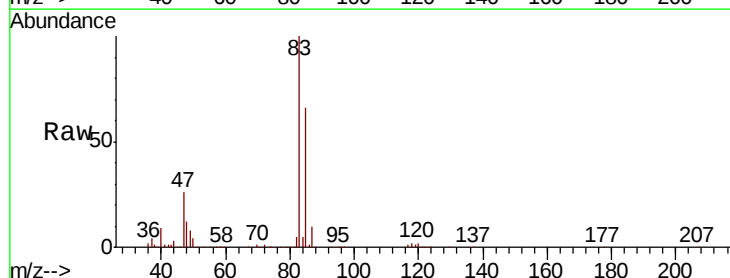
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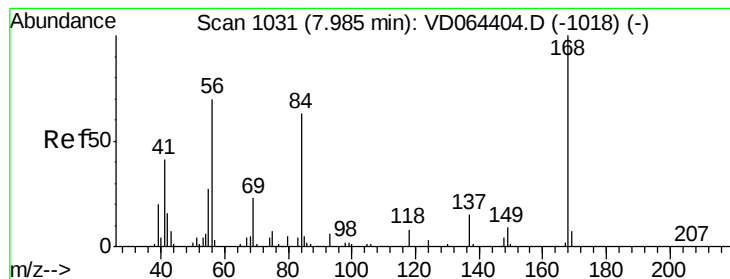
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#30
Chloroform
Concen: 53.298 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6





#31

Cyclohexane

Concen: 53.529 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

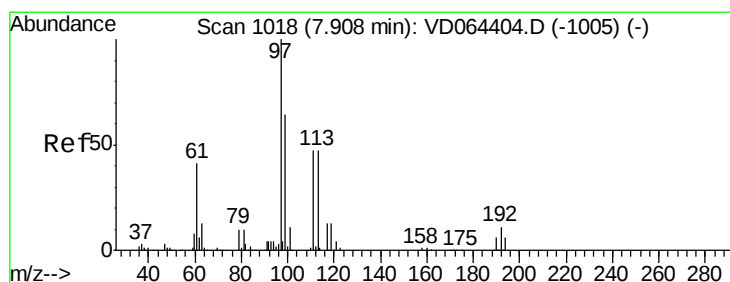
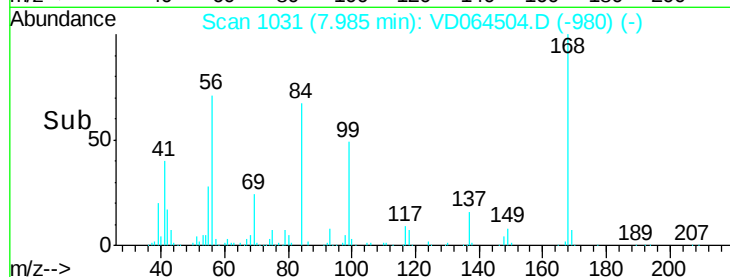
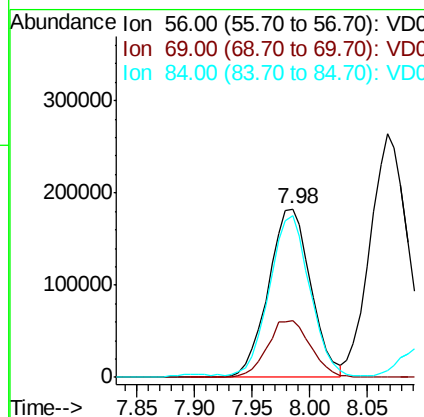
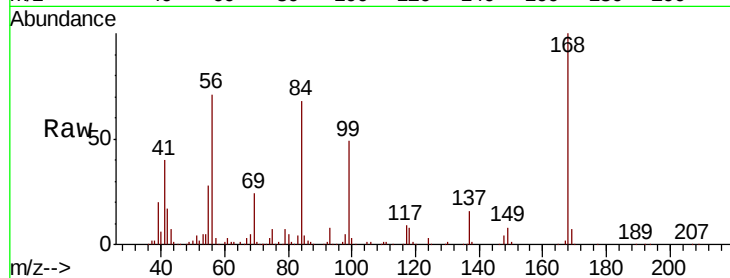
VSTDCCC050EC

Tot Ion: 56 Resp: 467669

Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.2	39.4
84	94.2	70.3	105.5

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#32

1,1,1-Trichloroethane

Concen: 52.744 ug/l

RT: 7.90 min Scan# 1017

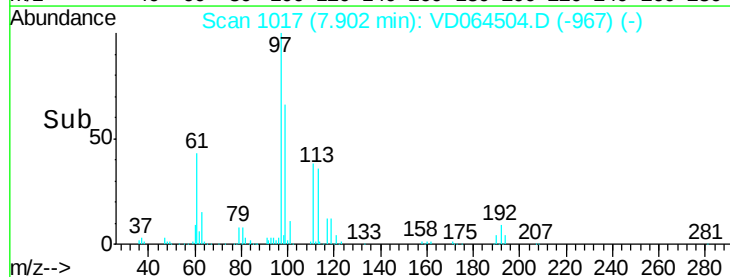
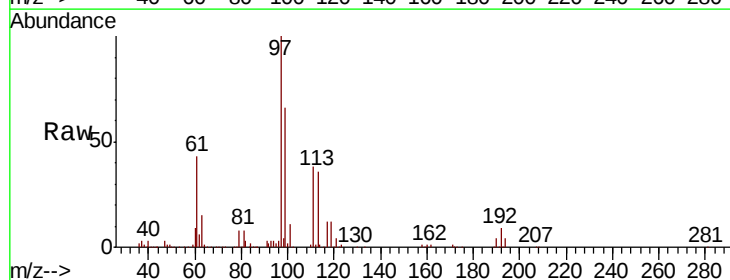
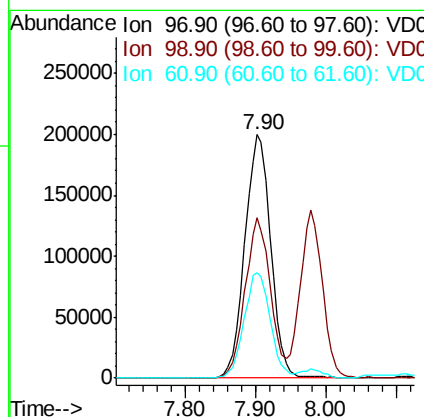
Delta R.T. -0.01 min

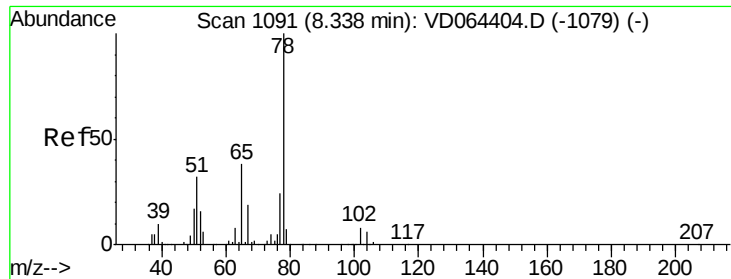
Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion: 97 Resp: 509868

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	43.7	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 51.067 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 278662

Ion Ratio Lower Upper

65 100

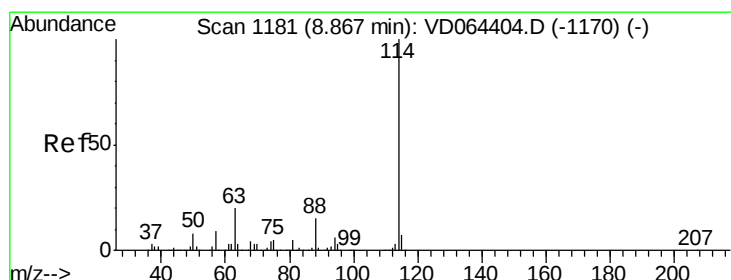
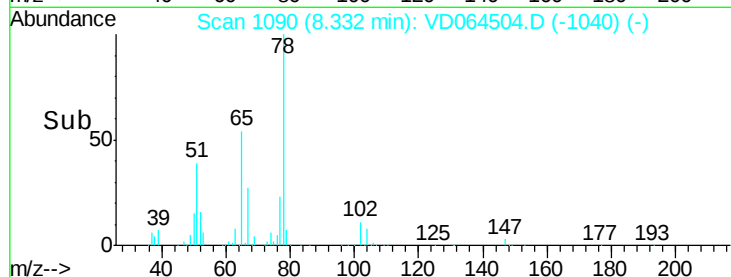
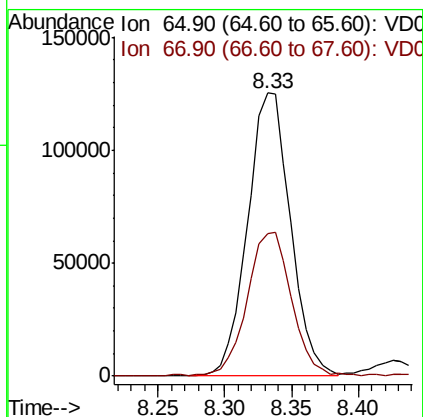
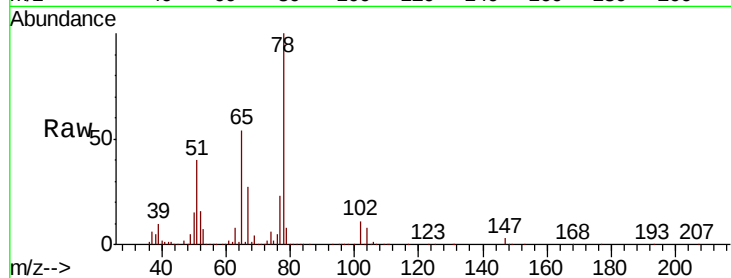
67 52.4 0.0 102.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

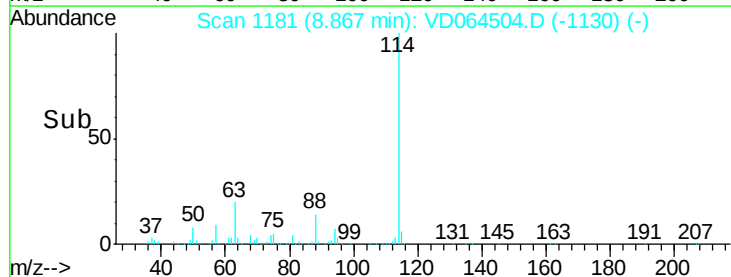
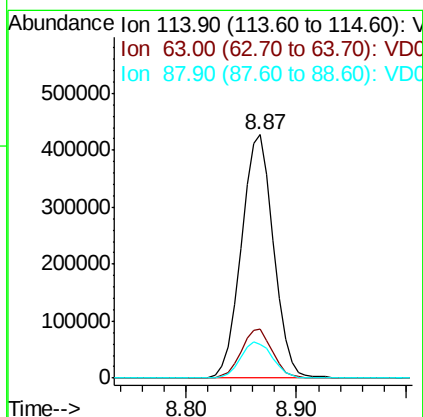
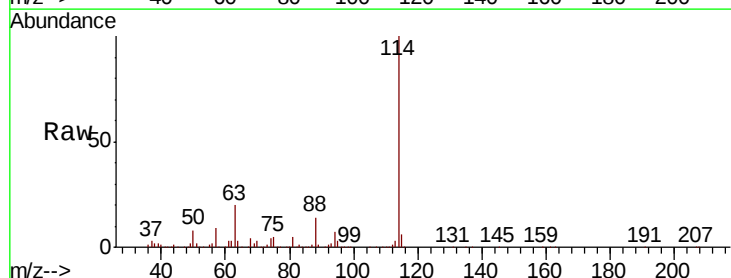
Tgt Ion: 114 Resp: 874826

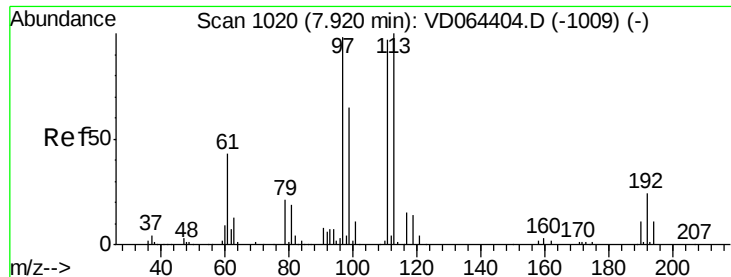
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 14.0 0.0 29.2





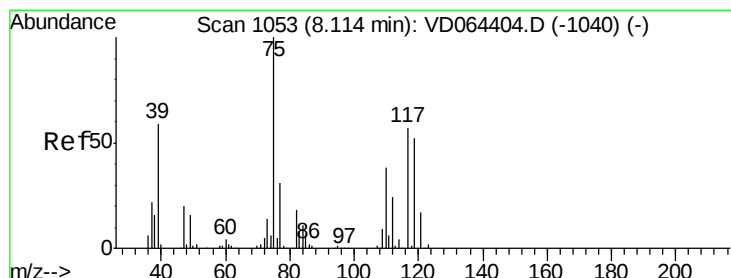
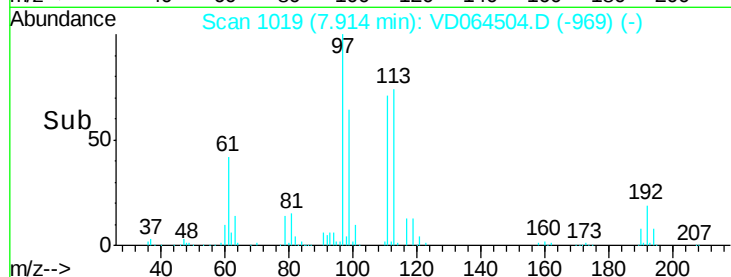
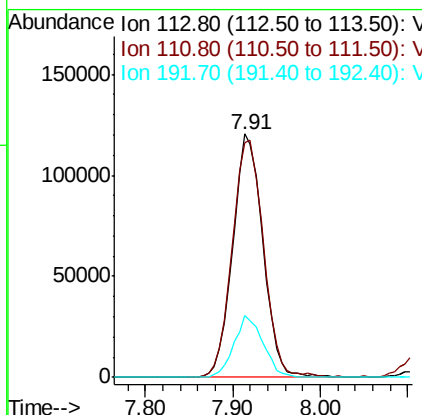
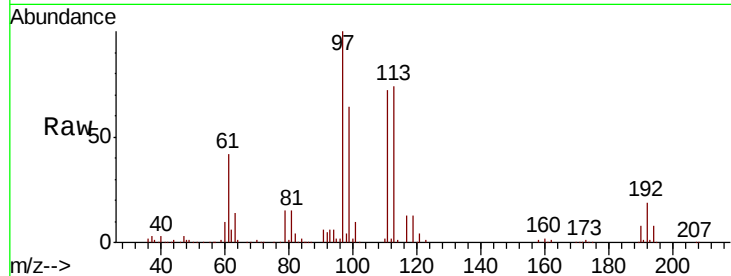
#35
 Dibromofluoromethane
 Concen: 50.846 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	280255		
111	102.3		79.4	119.2
192	24.4		18.6	28.0

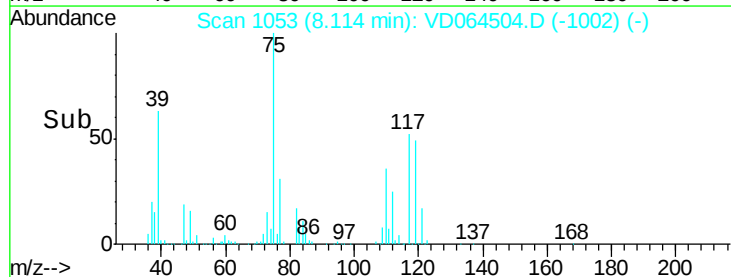
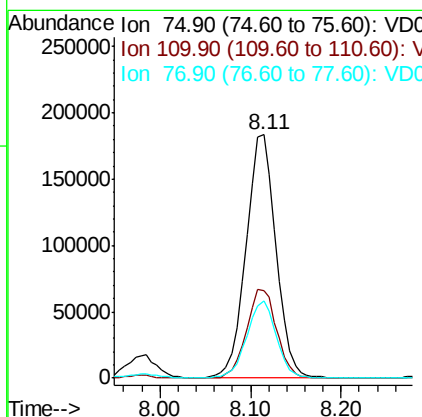
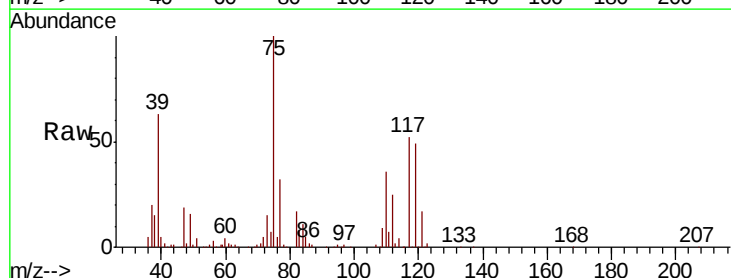
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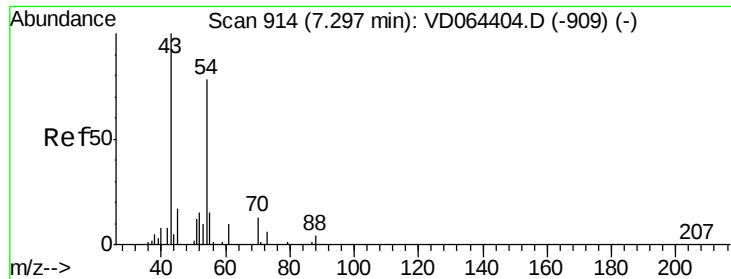
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#36
 1,1-Dichloropropene
 Concen: 50.524 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	418070		
110	37.0		18.6	55.8
77	31.7		25.0	37.4





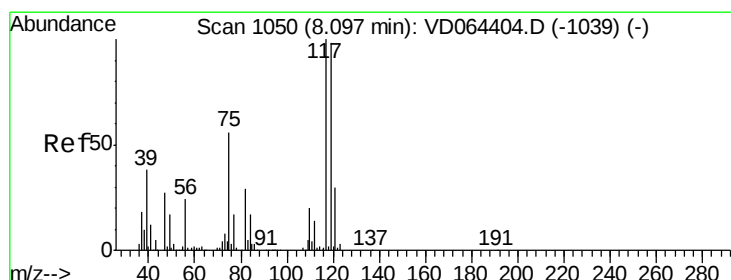
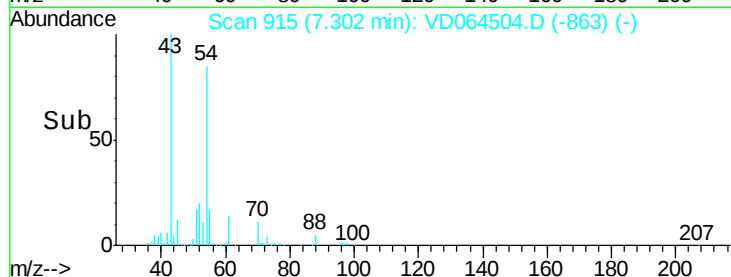
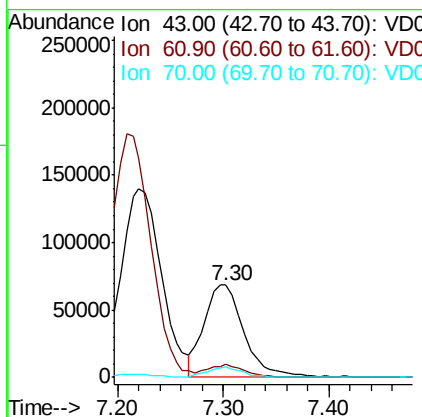
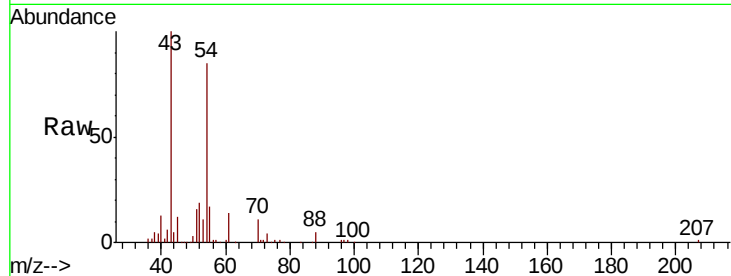
#37
Ethyl Acetate
Concen: 50.413 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.9	16.3
70	10.2	8.3	12.5

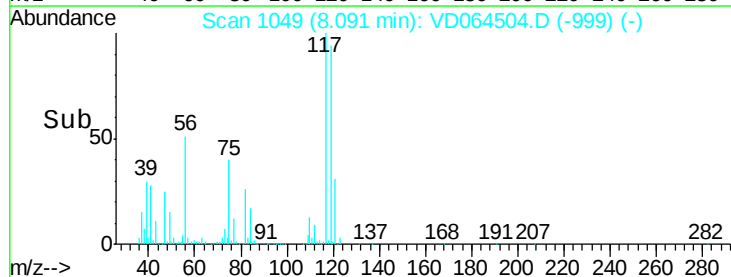
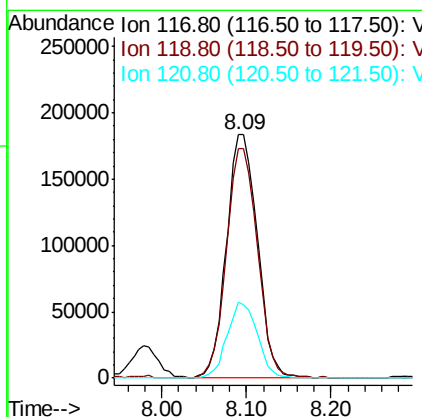
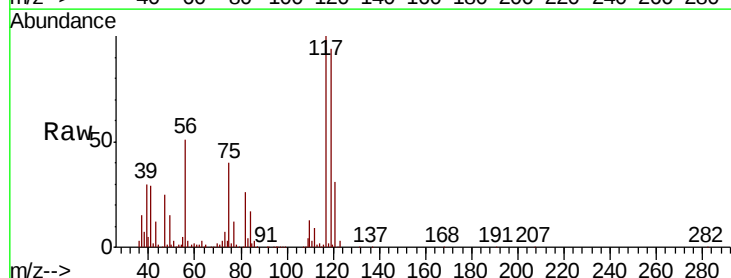
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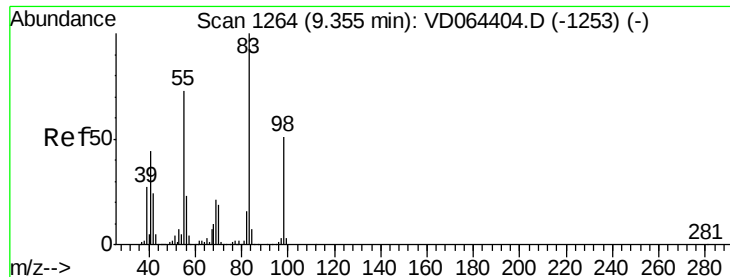
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#38
Carbon Tetrachloride
Concen: 52.947 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.8	118.2
121	31.1	24.2	36.2





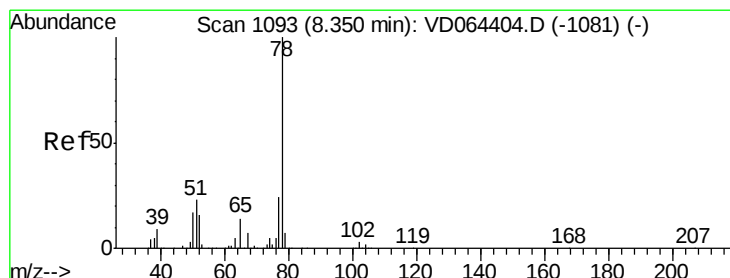
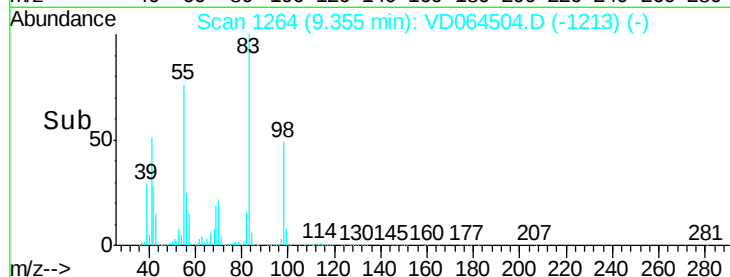
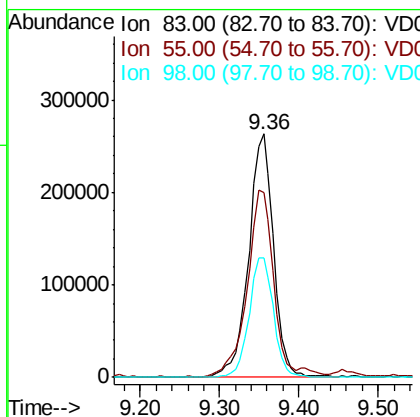
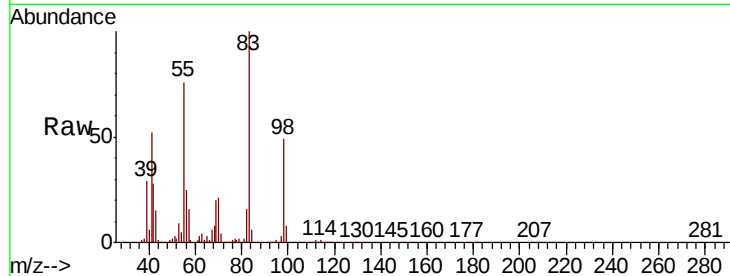
#39
Methvlcvclohexane
Concen: 55.730 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.6	87.8
98	49.1	40.9	61.3

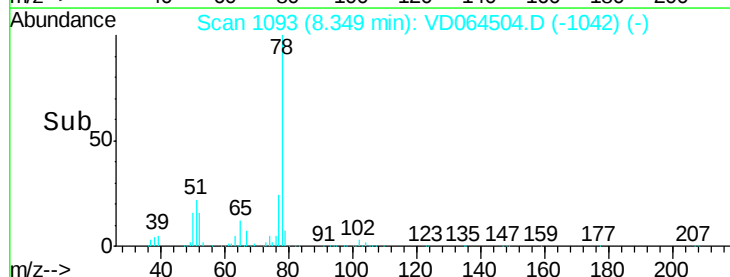
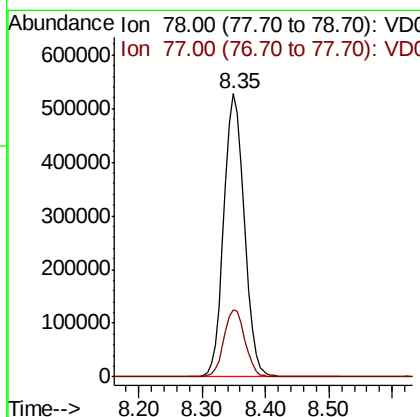
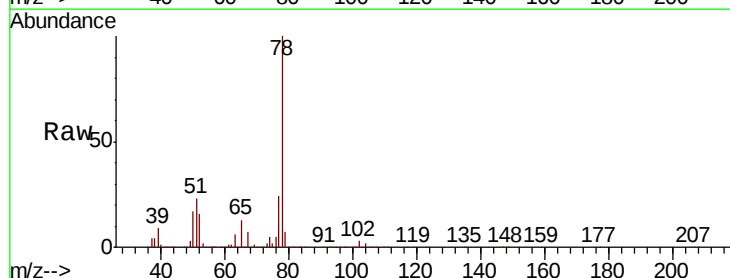
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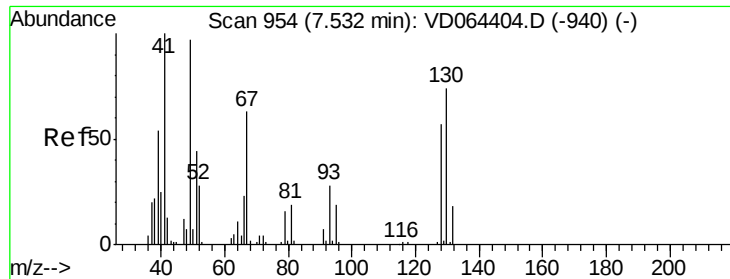
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#40
Benzene
Concen: 51.423 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.6	29.4





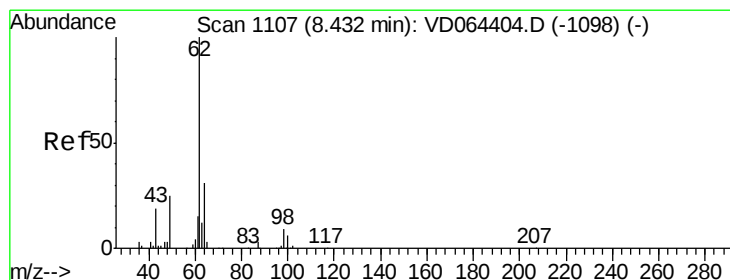
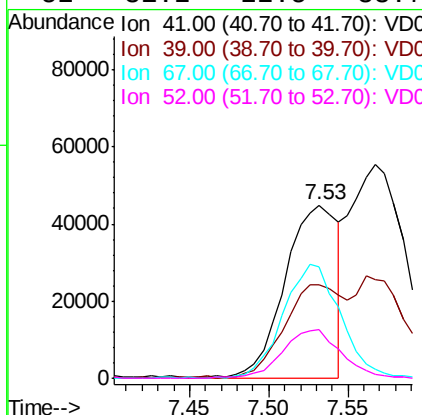
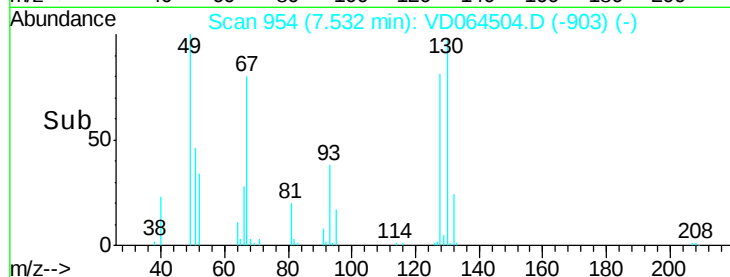
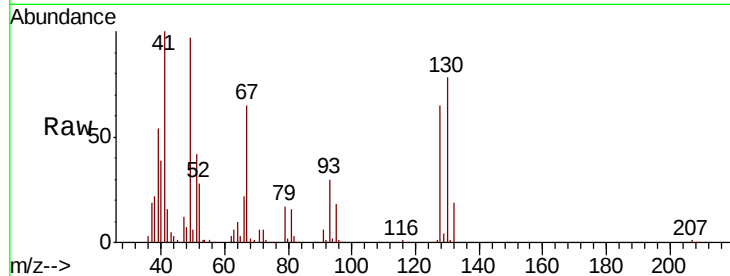
#41
Methacrylonitrile
Concen: 51.347 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.9	44.6	67.0	
67	72.6	50.9	76.3	
52	31.2	22.5	33.7	

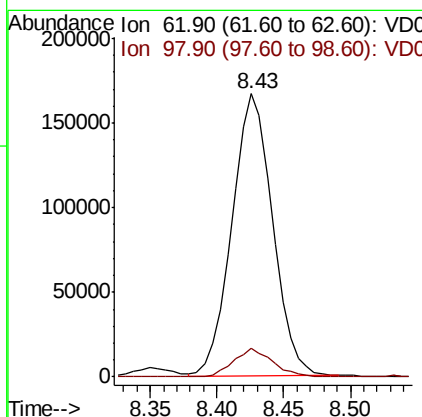
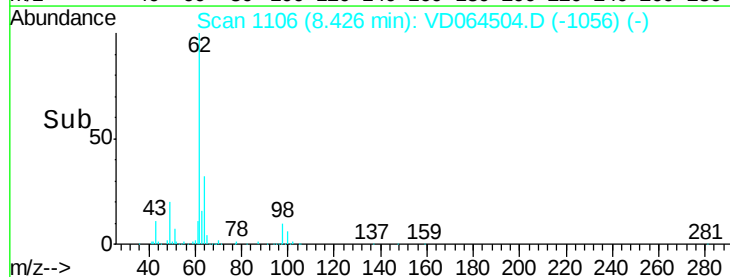
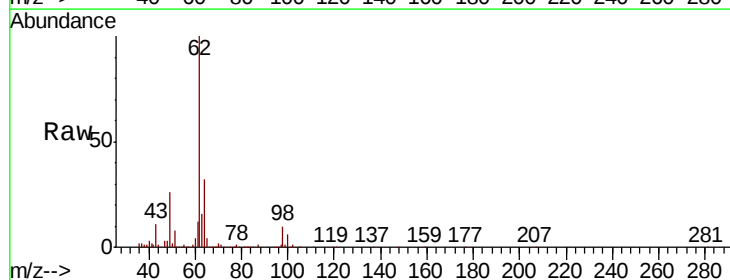
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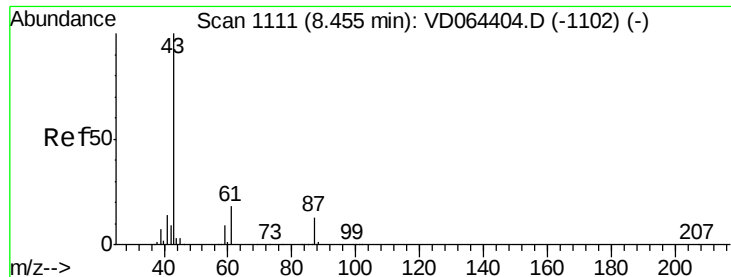
apatel
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#42
1,2-Dichloroethane
Concen: 52.568 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.6	





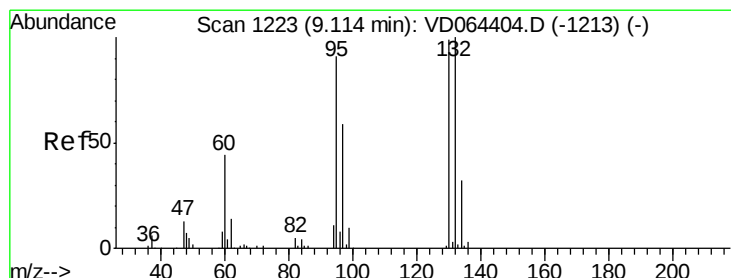
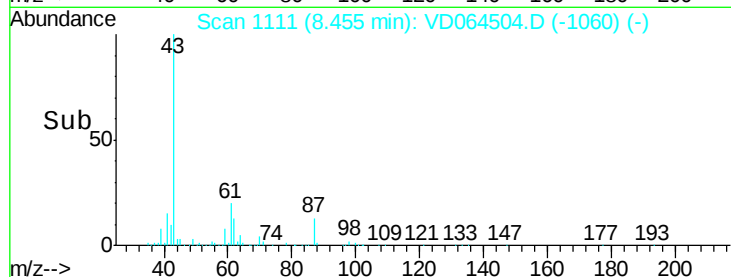
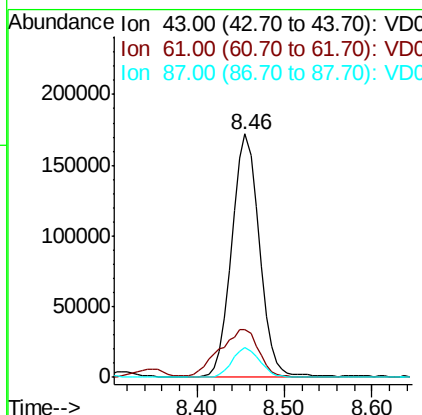
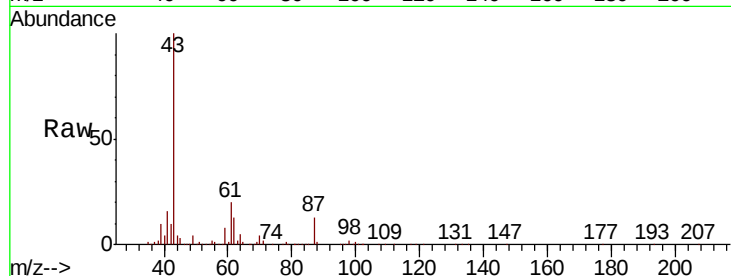
#43
Isopropyl Acetate
Concen: 53.286 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	24.0	36.0
87	12.1	10.6	15.8

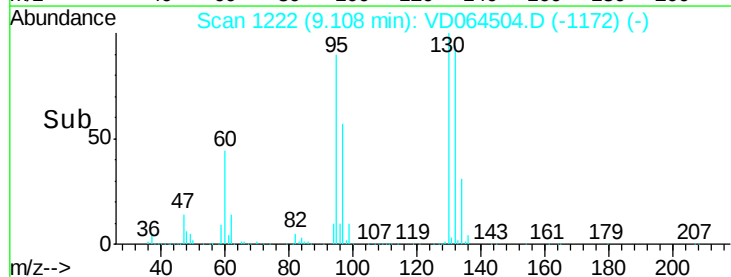
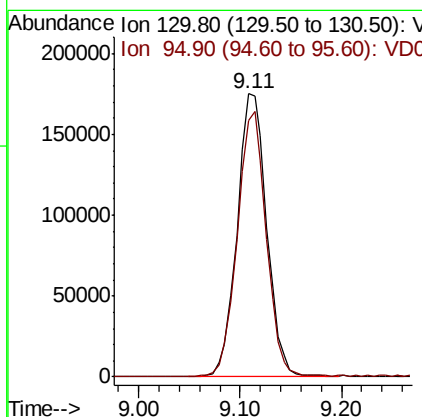
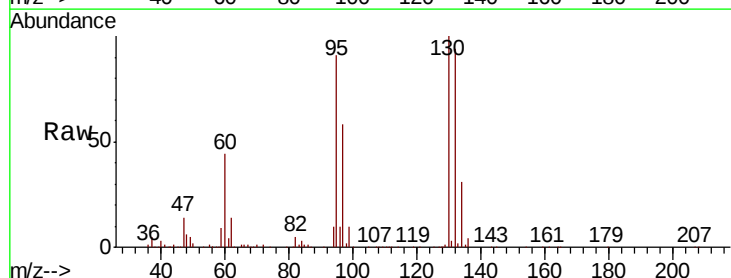
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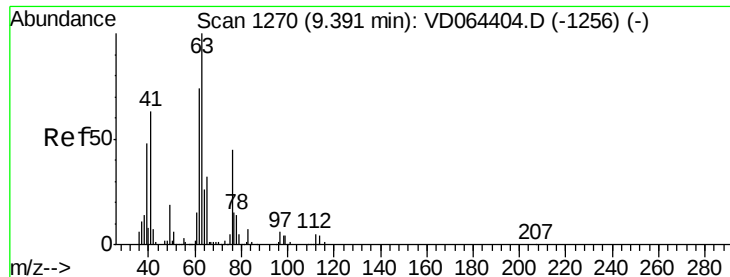
apatel
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#44
Trichloroethene
Concen: 51.259 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	184.6





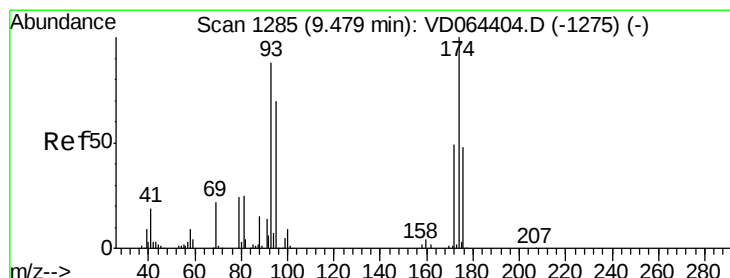
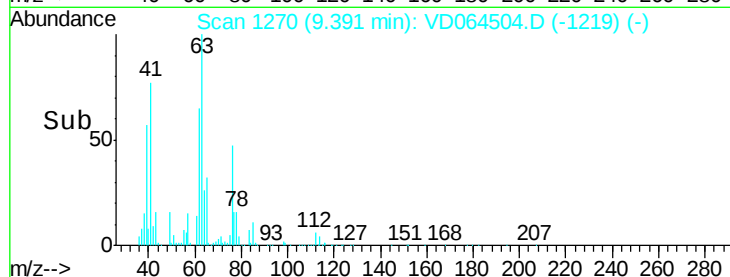
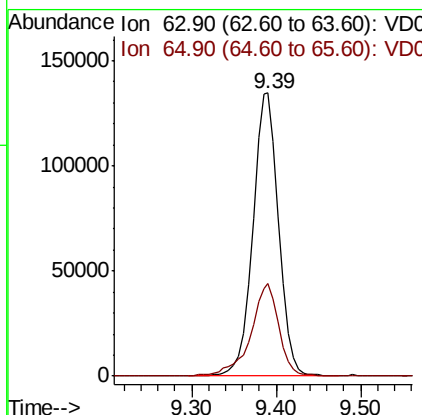
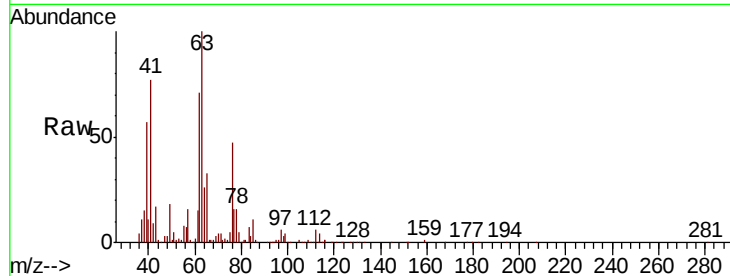
#45
 1,2-Dichloropropane
 Concen: 52.216 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.4	38.0

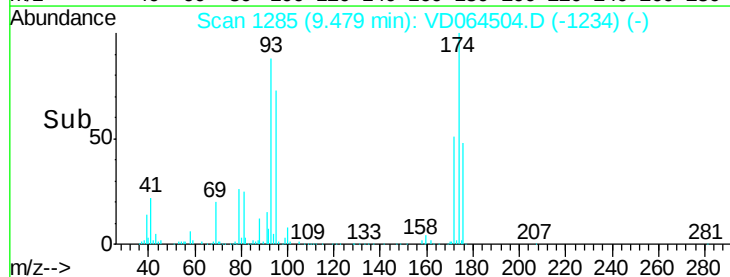
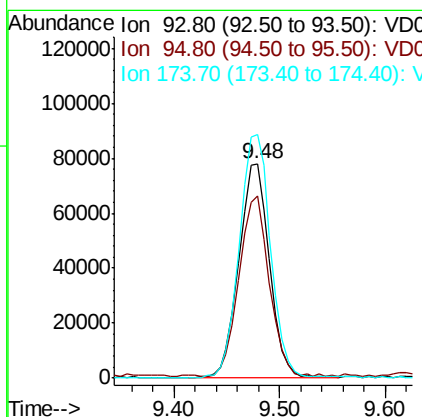
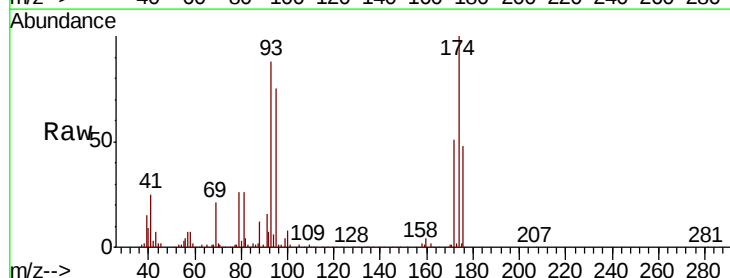
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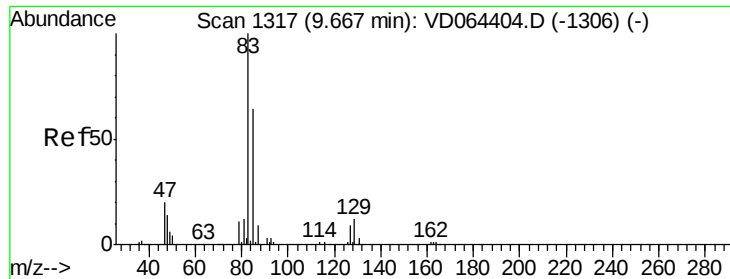
apatel
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#46
 Dibromomethane
 Concen: 50.424 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.7	100.1
174	116.5	92.3	138.5





#47

Bromodichloromethane

Concen: 53.732 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

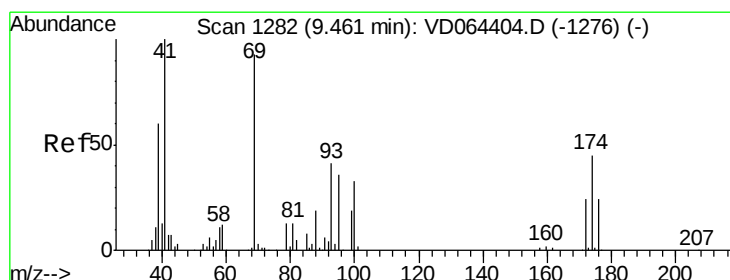
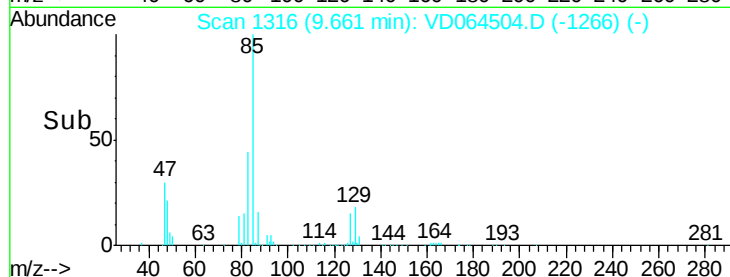
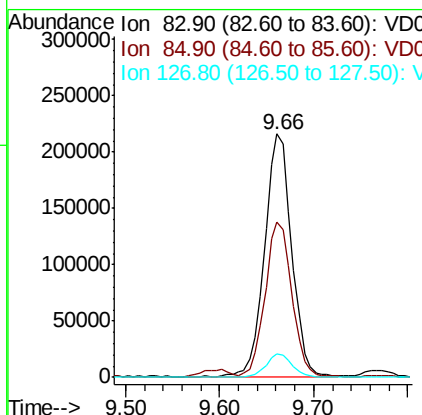
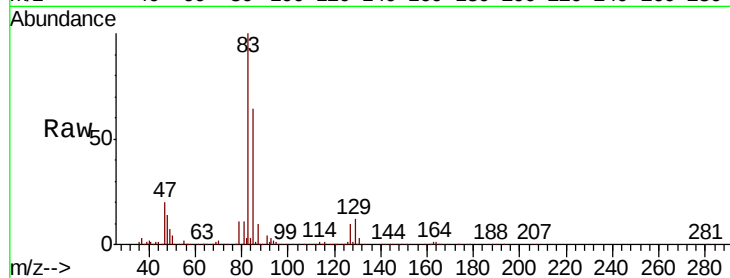
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	428289
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.1	76.7
127	9.6	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.078 ug/l

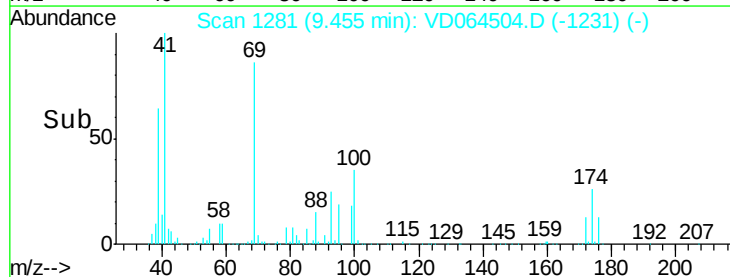
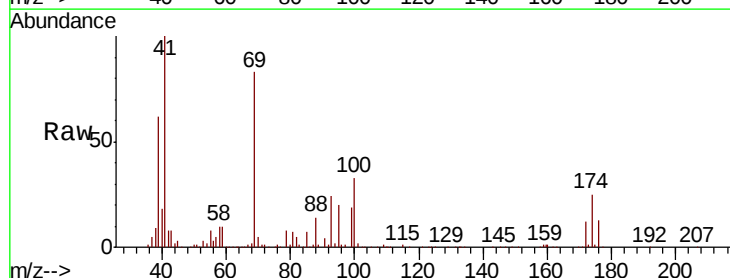
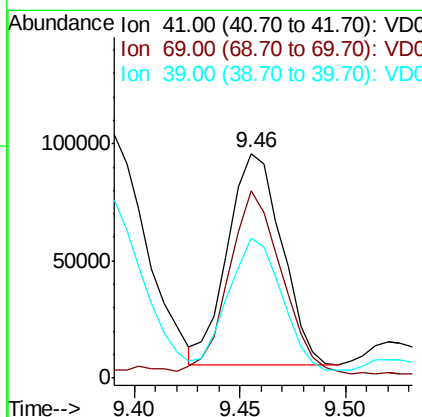
RT: 9.46 min Scan# 1281

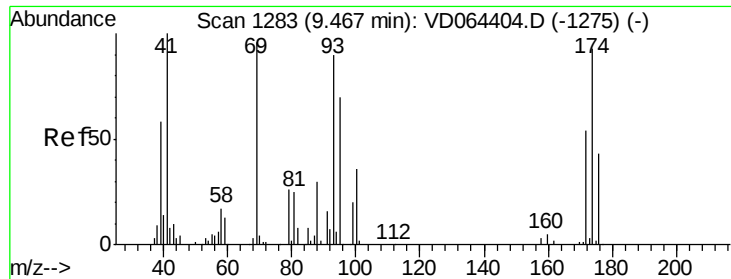
Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	41	Resp:	161354
Ion	Ratio	Lower	Upper
41	100		
69	85.0	72.0	108.0
39	61.5	55.2	82.8





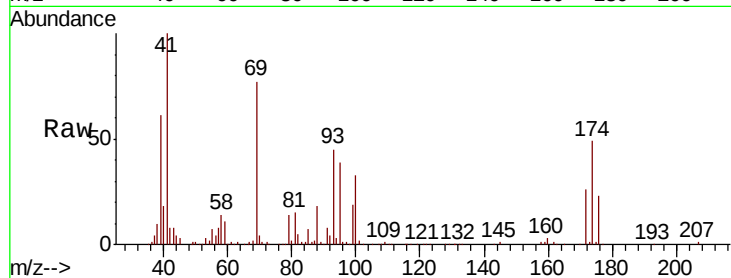
#49
1,4-Dioxane
Concen: 967.893 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.0	26.7	40.1
58	62.5	52.3	78.5

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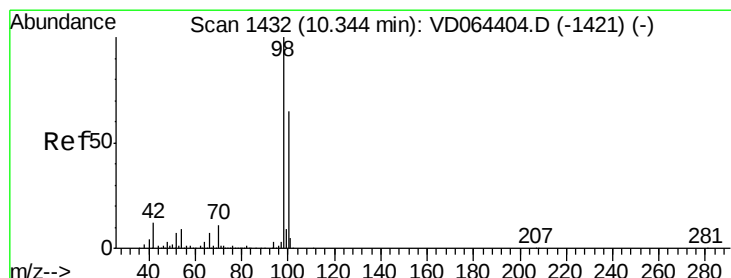
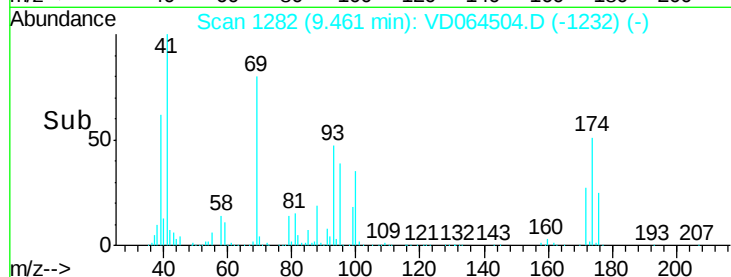
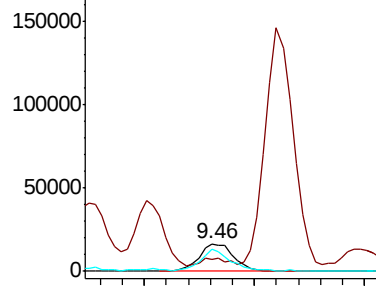


Abundance

Ion 88.00 (87.70 to 88.70): VDC

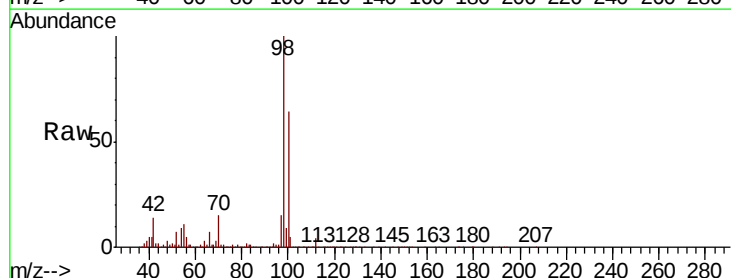
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 51.691 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

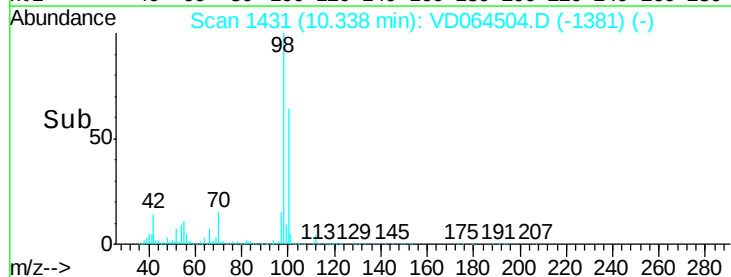
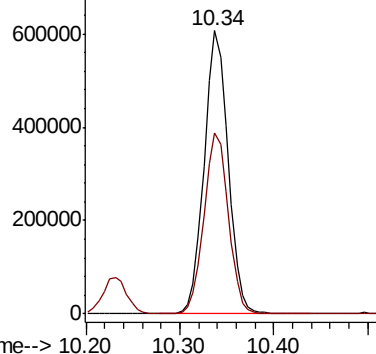
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	79.0

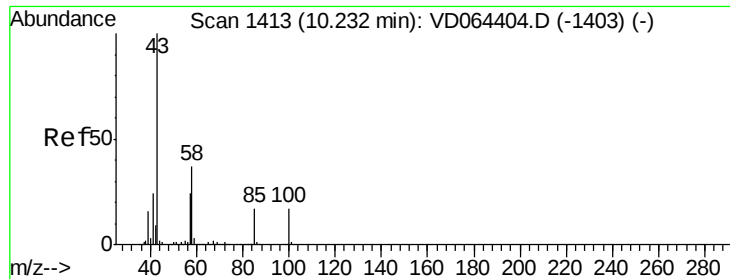


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 248.274 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 848053

Ion Ratio Lower Upper

43 100

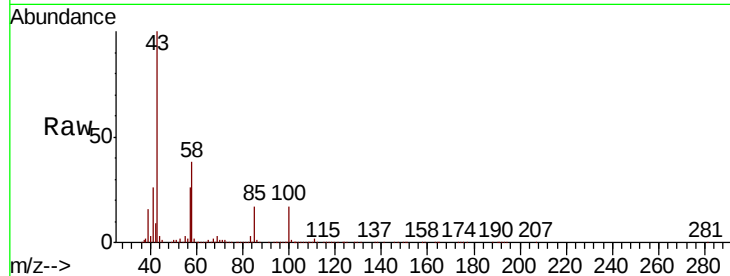
58 38.4 30.6 46.0

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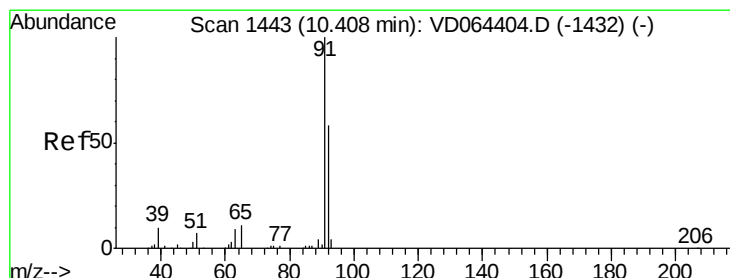
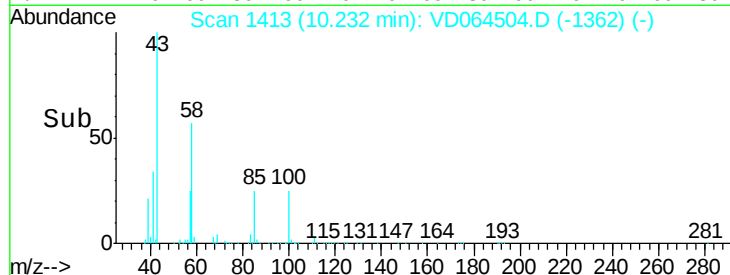
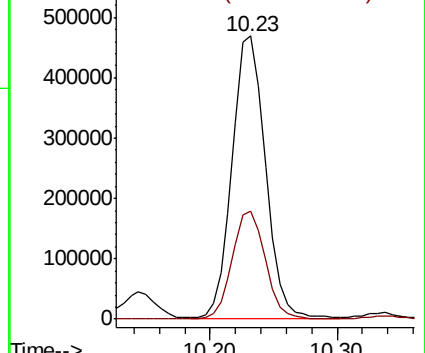
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.984 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD064504.D

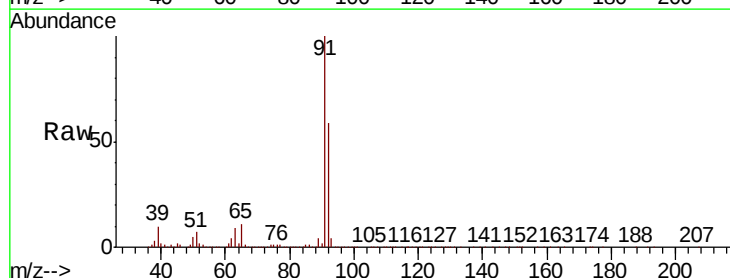
Acq: 11 Dec 2019 17:18

Tgt Ion: 92 Resp: 778602

Ion Ratio Lower Upper

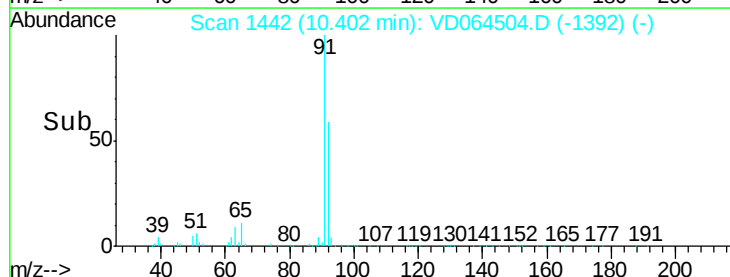
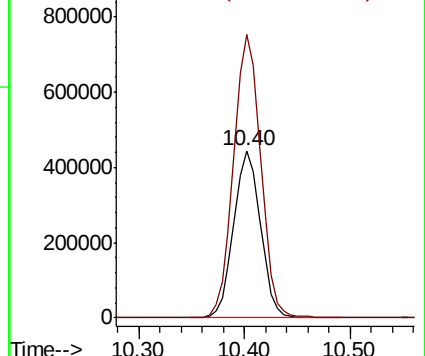
92 100

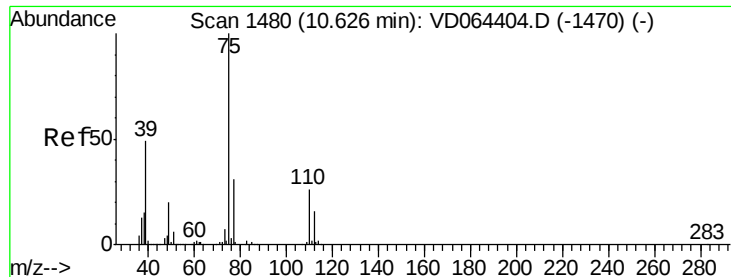
91 170.9 137.8 206.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 52.672 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 400127

Ion Ratio Lower Upper

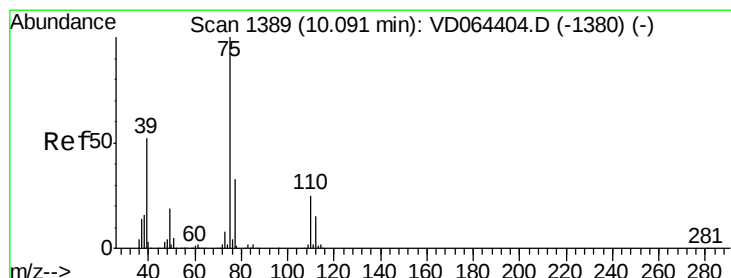
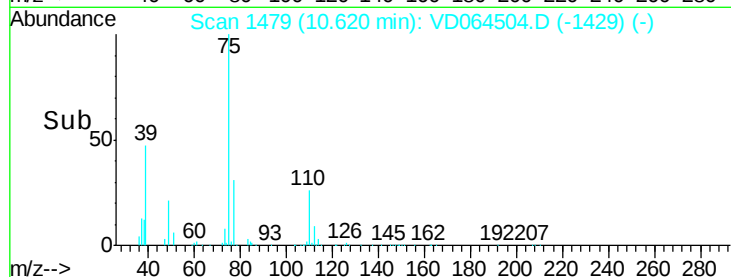
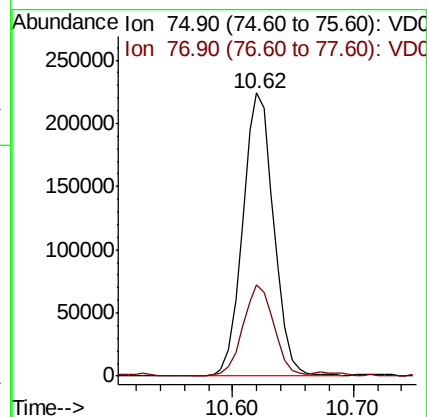
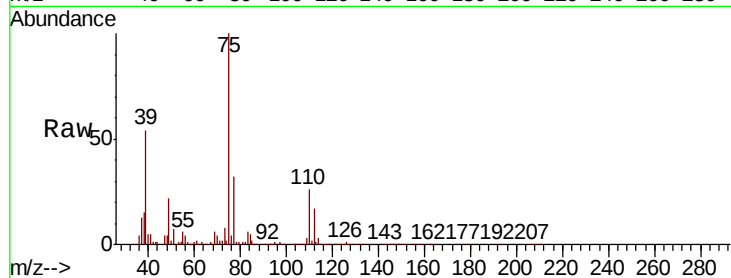
75 100

77 31.8 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 52.411 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

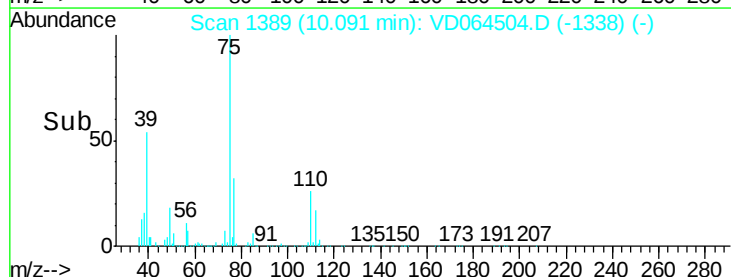
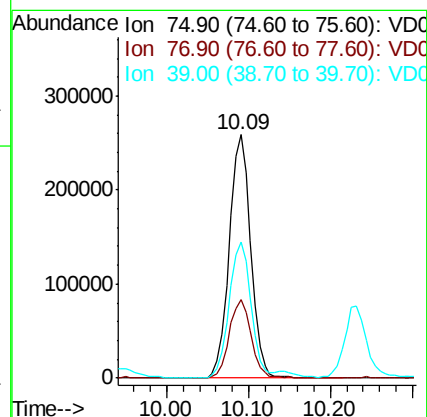
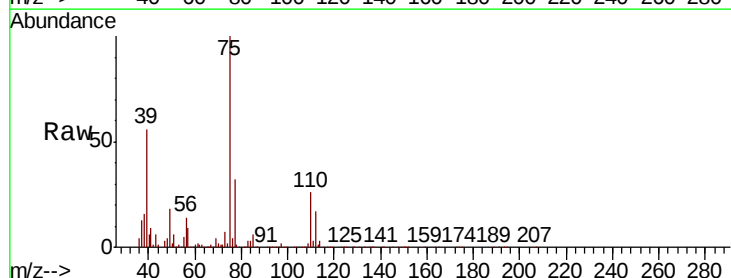
Tgt Ion: 75 Resp: 472979

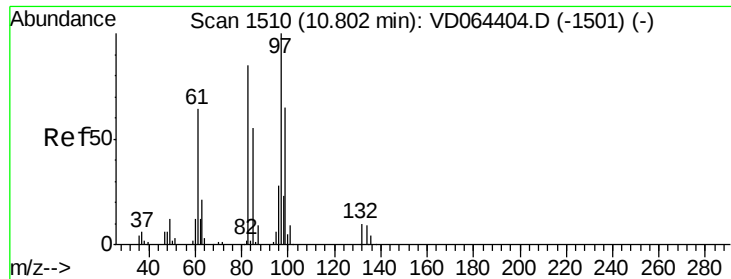
Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

39 55.4 41.5 62.3





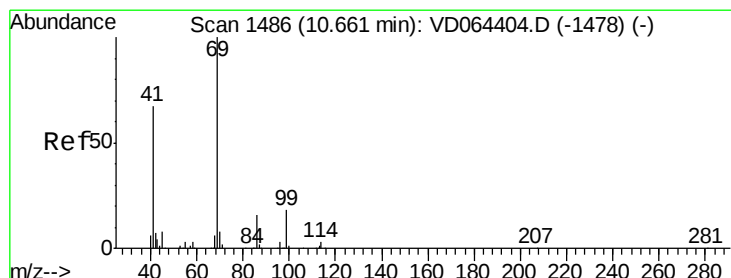
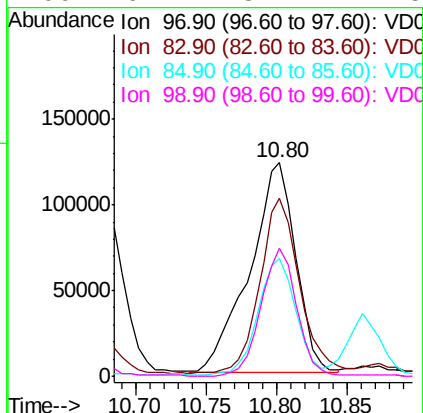
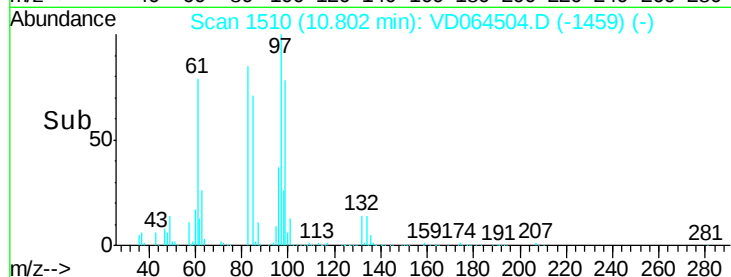
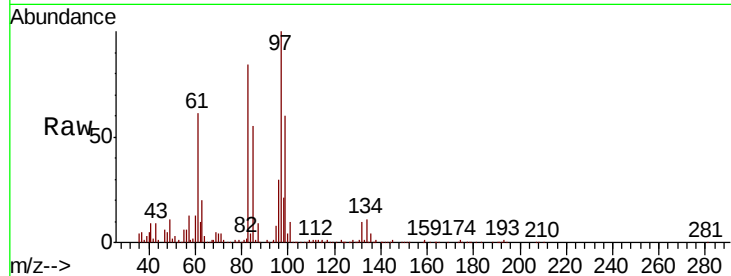
#55
 1,1,2-Trichloroethane
 Concen: 66.465 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		282324		
83	84.0	67.8	101.8		
85	55.8	43.7	65.5		
99	61.2	51.7	77.5		

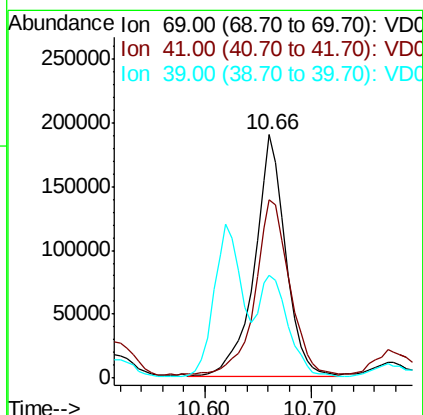
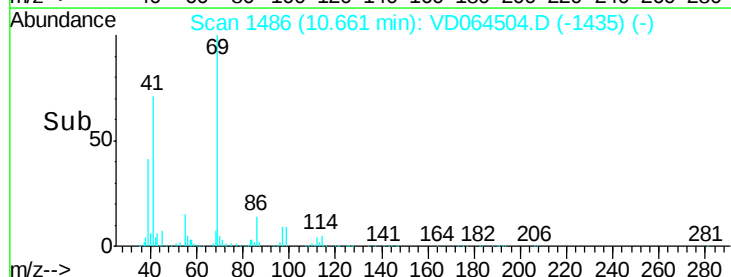
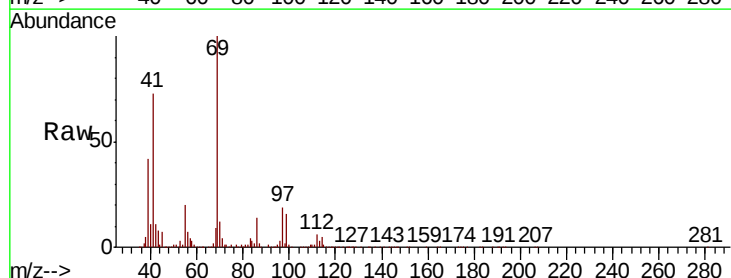
Manual Integrations
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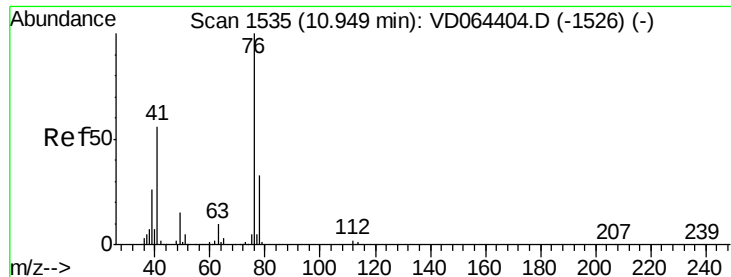
apatel
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#56
 Ethyl methacrylate
 Concen: 71.404 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		386844		
41	79.9	55.0	82.4		
39	39.3	33.0	49.6		





#57

1,3-Dichloropropane

Concen: 51.204 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 370241

Ion Ratio Lower Upper

76 100

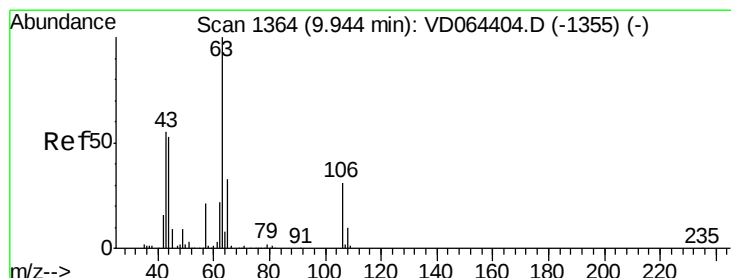
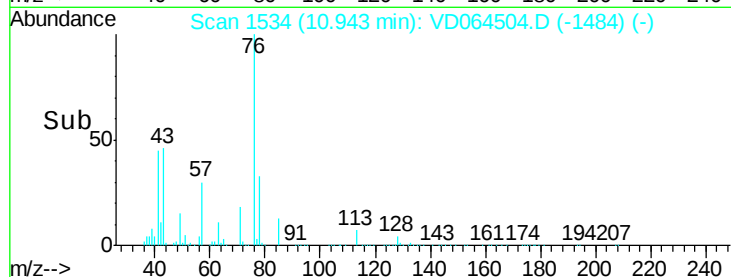
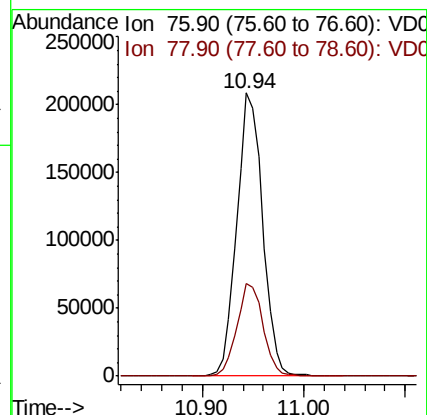
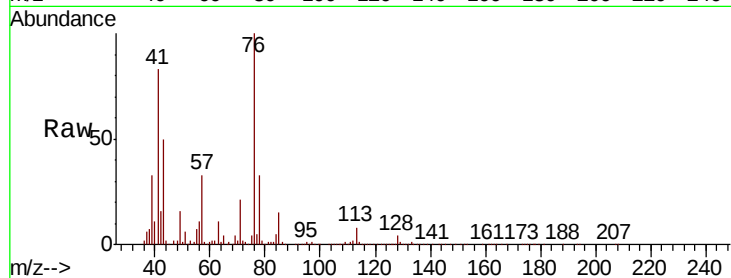
78 32.8 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 236.608 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064504.D

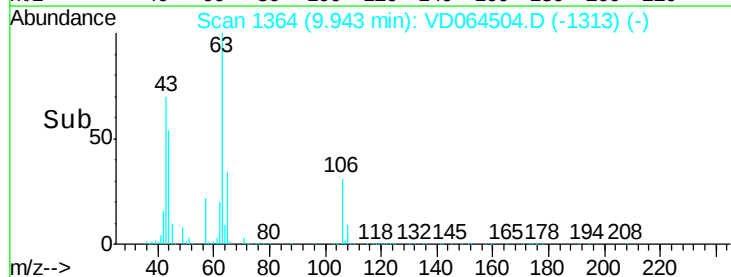
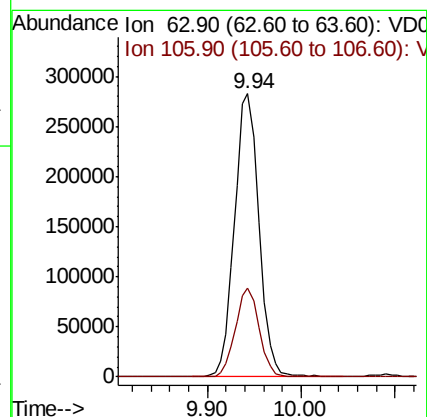
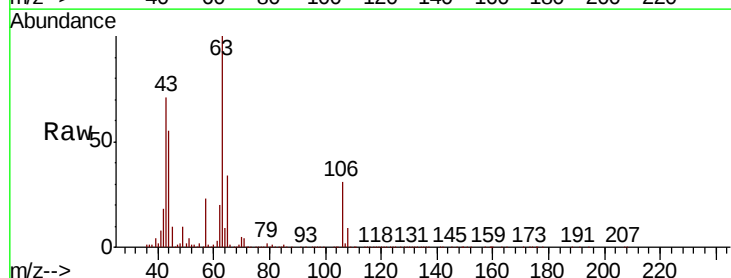
Acq: 11 Dec 2019 17:18

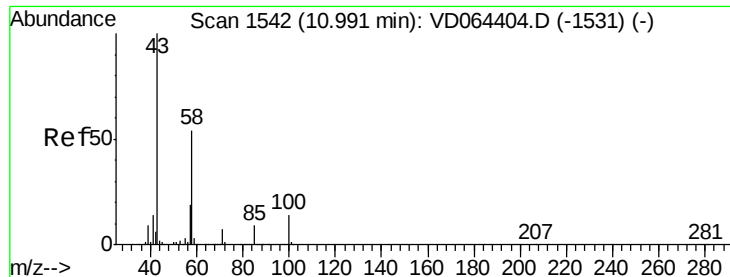
Tgt Ion: 63 Resp: 511004

Ion Ratio Lower Upper

63 100

106 30.6 24.2 36.4





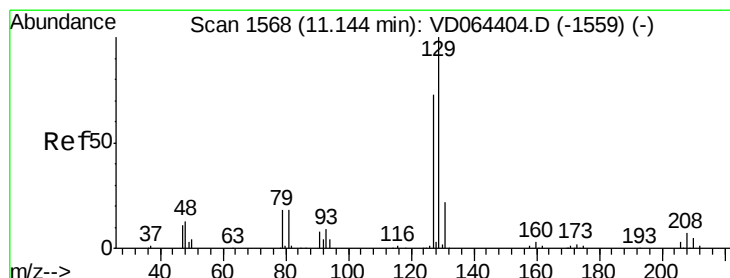
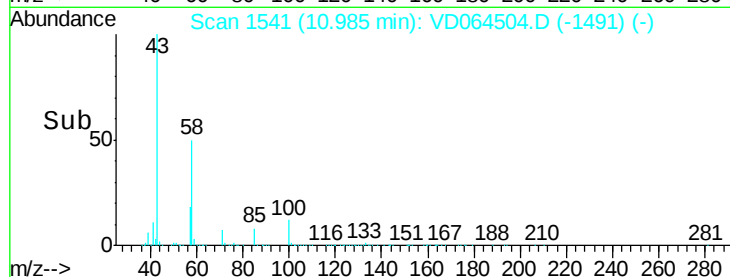
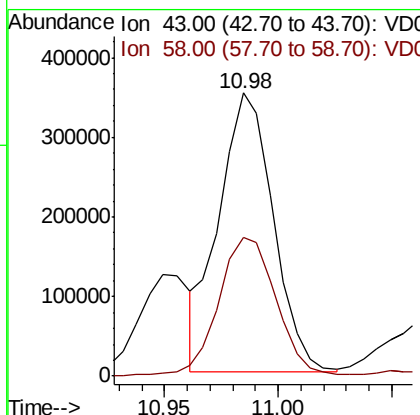
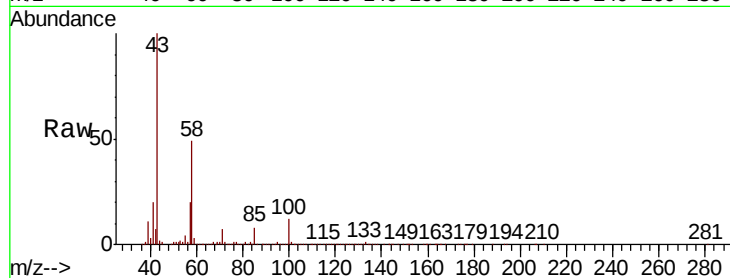
#59
2-Hexanone
Concen: 245.796 ug/l m
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.3	78.8

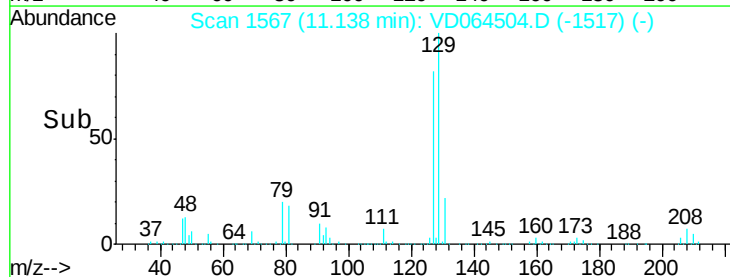
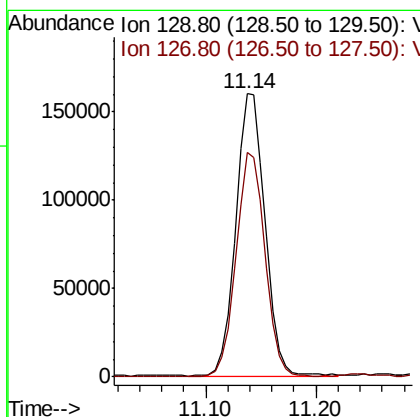
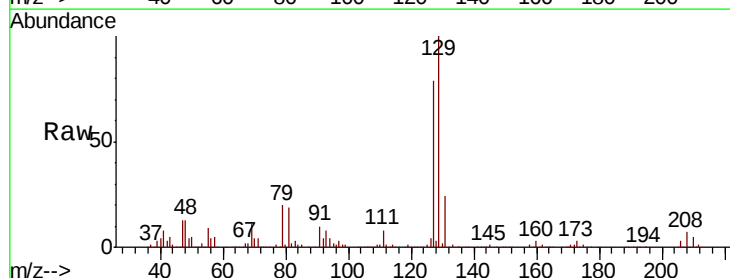
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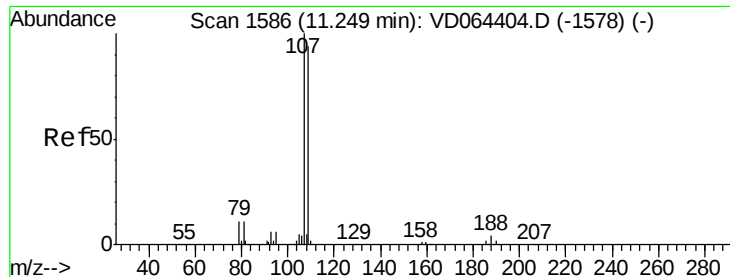
apatel
12/12/2019 10:29:10 AM



#60
Dibromochloromethane
Concen: 51.402 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.3	38.1	114.3





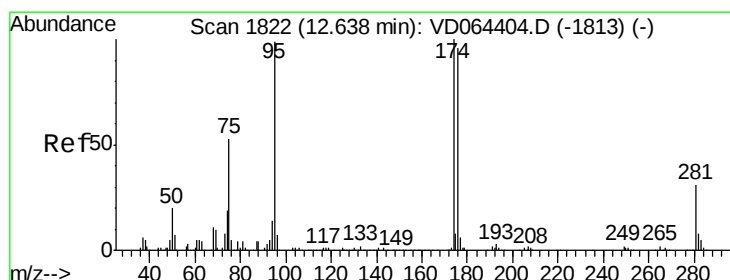
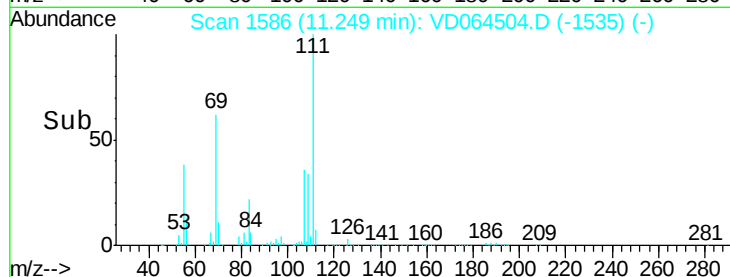
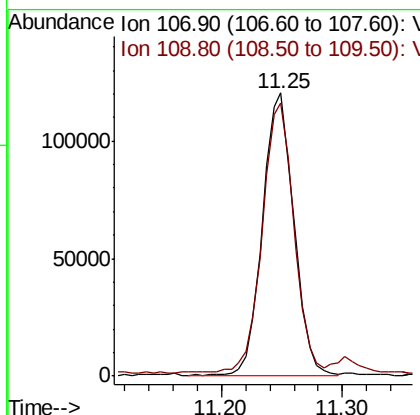
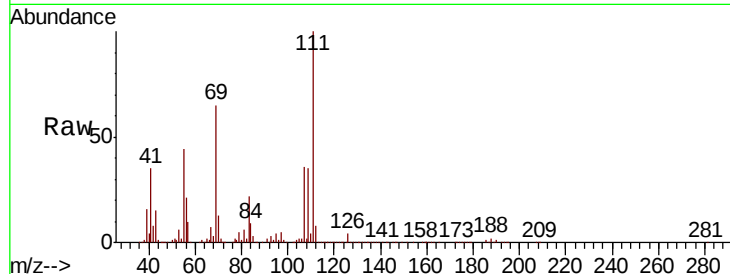
#61
 1,2-Dibromoethane
 Concen: 50.378 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.9	76.2	114.2

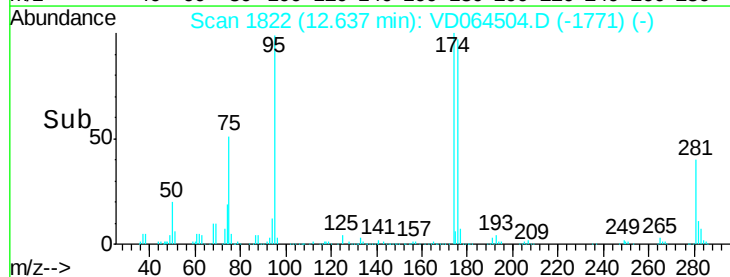
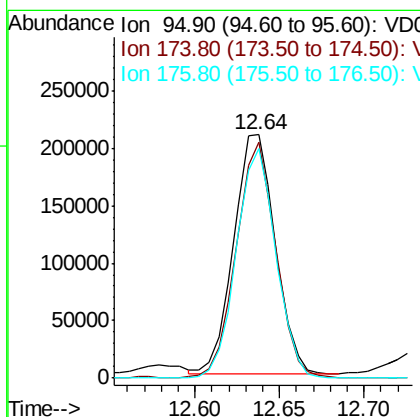
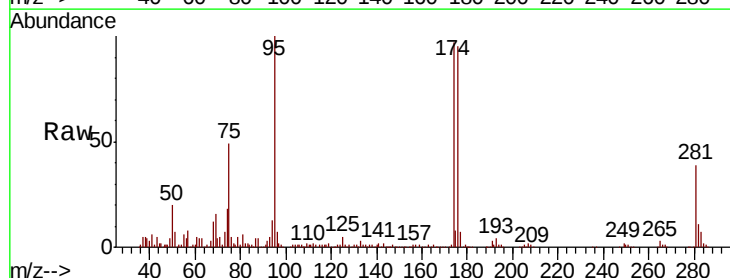
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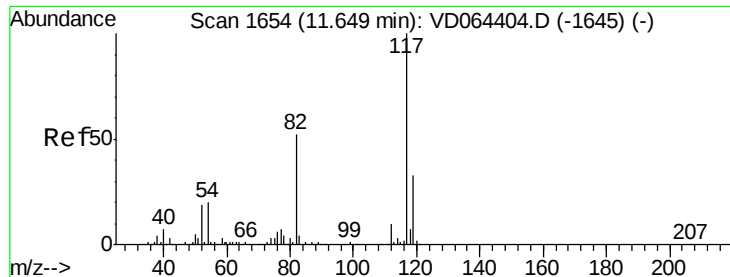
apatel
 12/12/2019 10:29:10 AM



#62
 4-Bromofluorobenzene
 Concen: 53.340 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	197.2
176	91.3	0.0	189.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

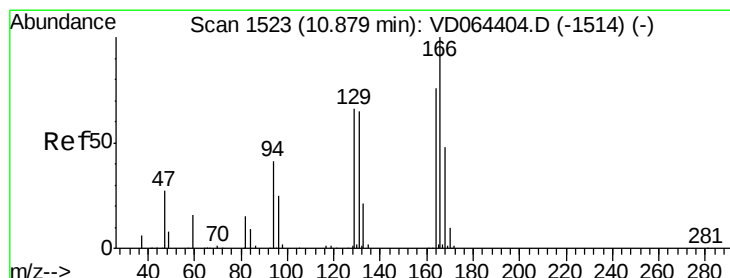
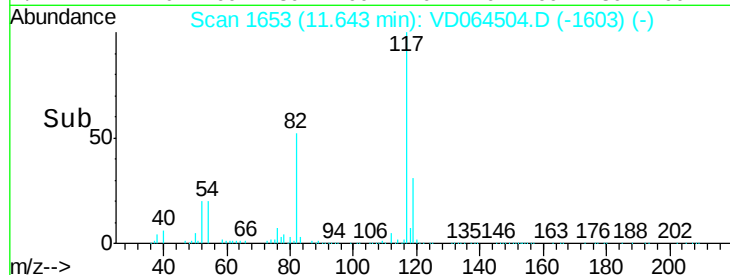
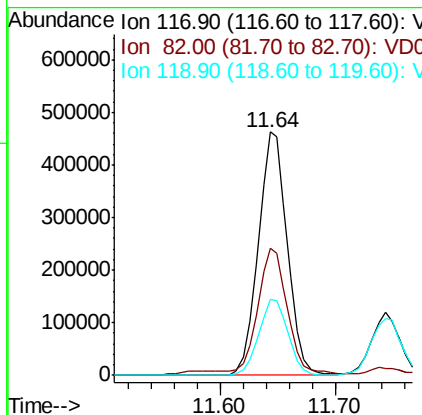
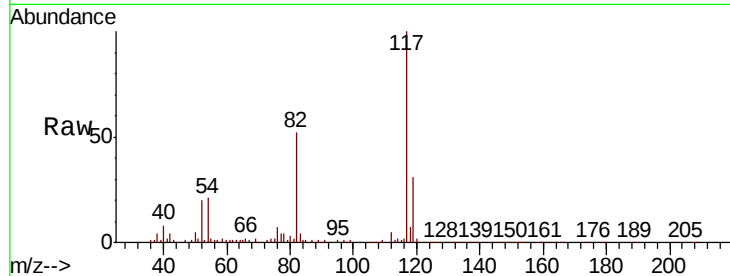
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	804885
Ion Ratio	Lower	Upper	
117	100		
82	51.6	41.4	62.2
119	31.3	26.2	39.2

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#64

Tetrachloroethene

Concen: 50.130 ug/l

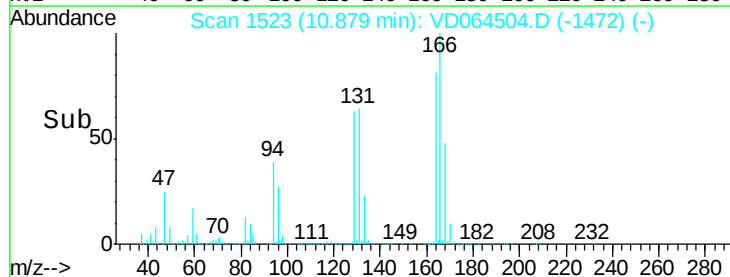
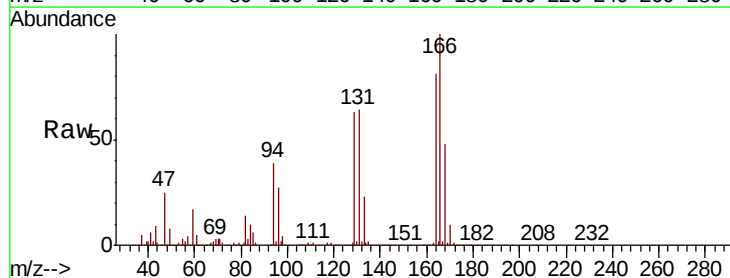
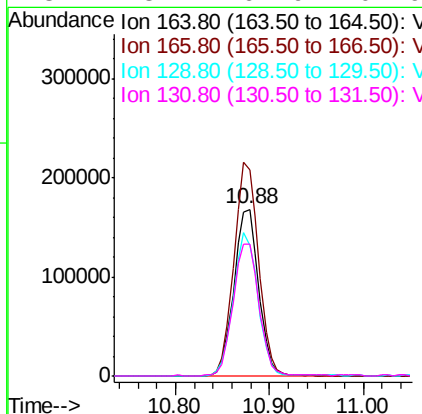
RT: 10.88 min Scan# 1523

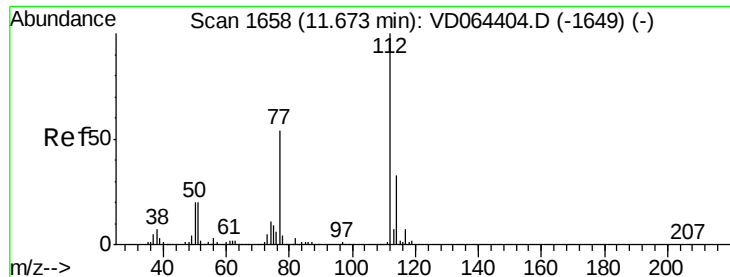
Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	164	Resp:	307691
Ion Ratio	Lower	Upper	
164	100		
166	123.7	104.8	157.2
129	78.3	68.7	103.1
131	78.7	67.9	101.9





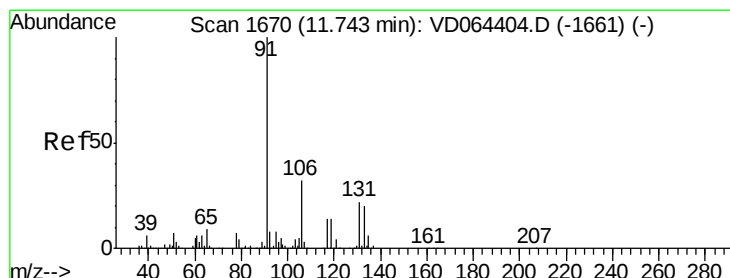
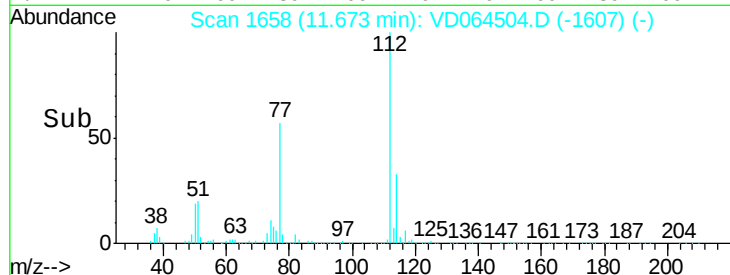
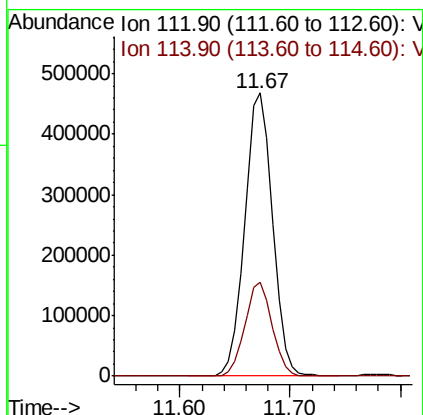
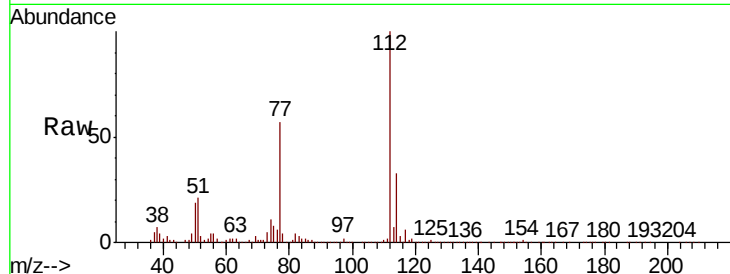
#65
Chlorobenzene
Concen: 49.227 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 826392
Ion Ratio Lower Upper
112 100
114 33.0 26.5 39.7

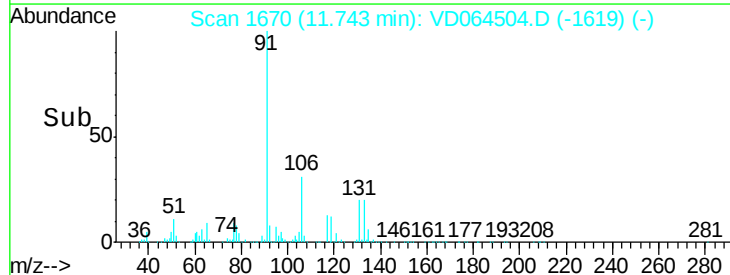
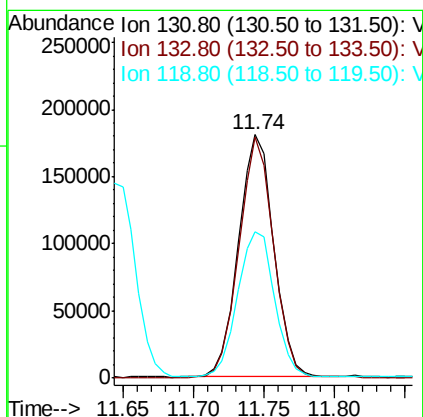
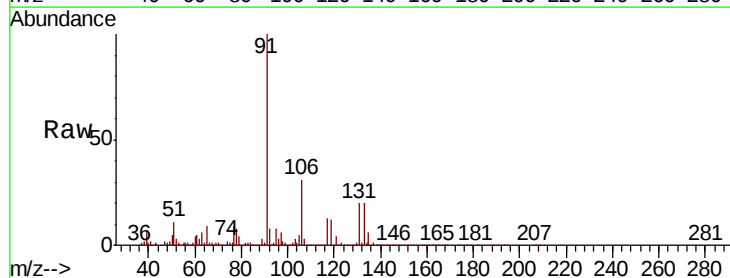
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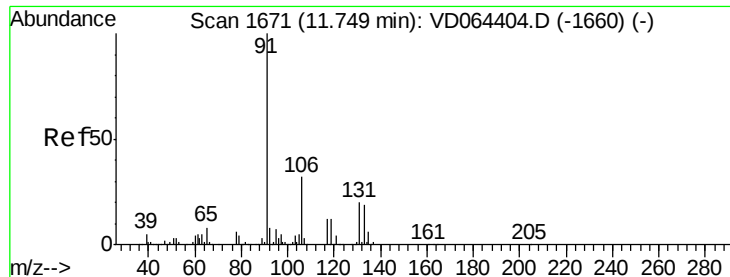
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.505 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion:131 Resp: 313861
Ion Ratio Lower Upper
131 100
133 97.7 48.3 144.9
119 63.9 31.9 95.9





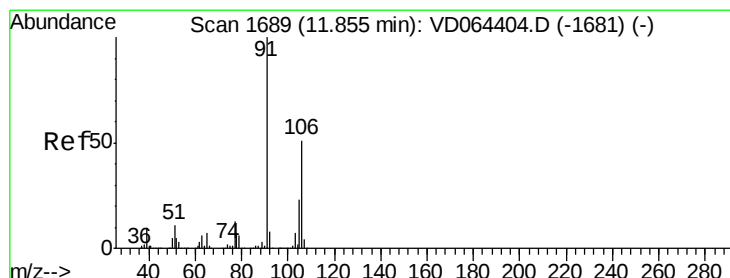
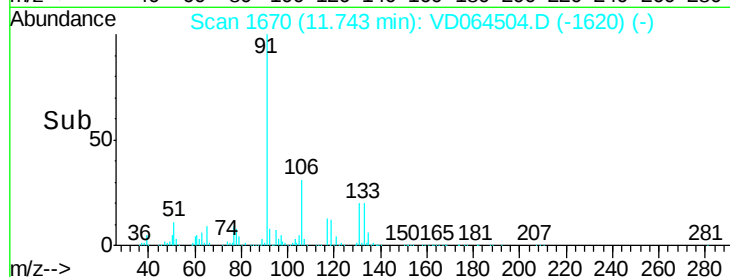
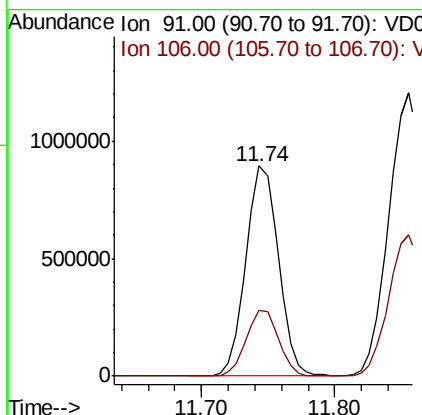
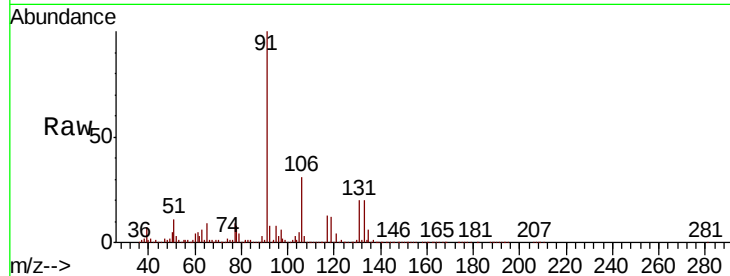
#67
Ethyl Benzene
Concen: 50.495 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1508212
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8

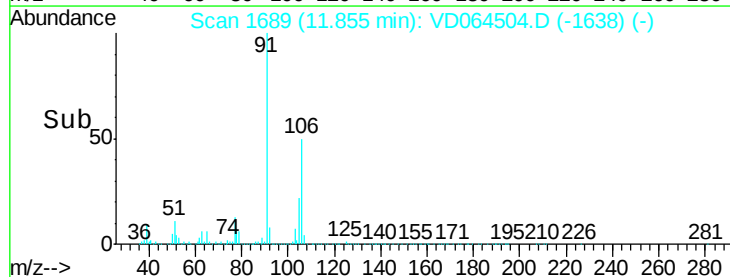
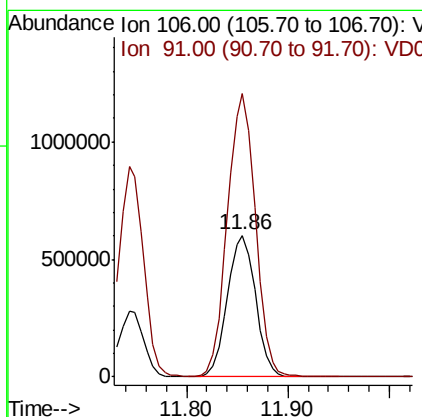
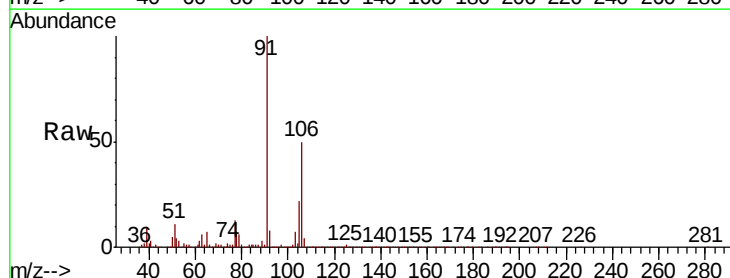
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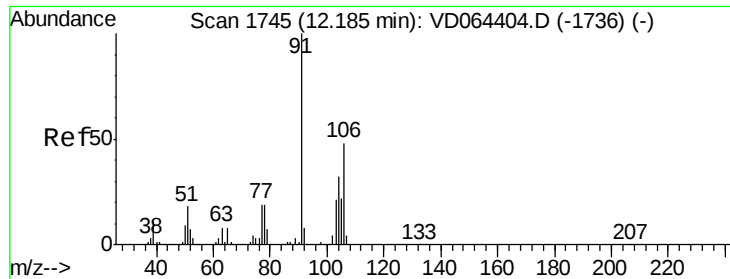
apatel
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#68
m/p-Xylenes
Concen: 101.744 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion: 106 Resp: 1158714
Ion Ratio Lower Upper
106 100
91 199.5 157.4 236.2





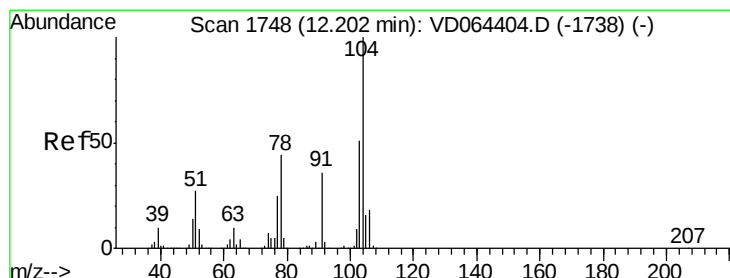
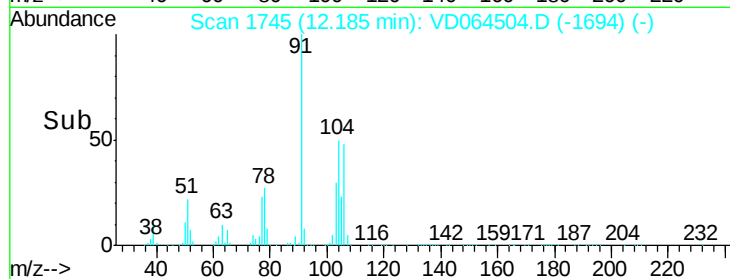
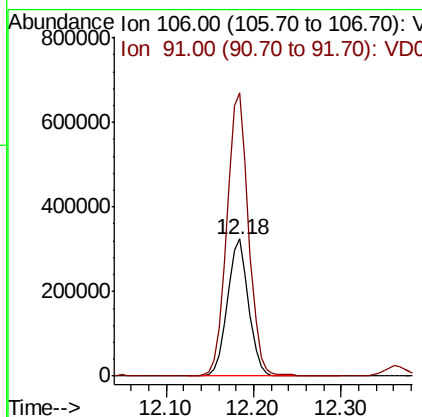
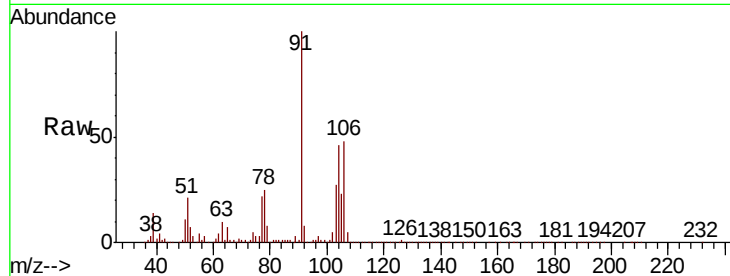
#69
o-Xylene
Concen: 51.085 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		537314		
91	209.6	103.8	311.4		

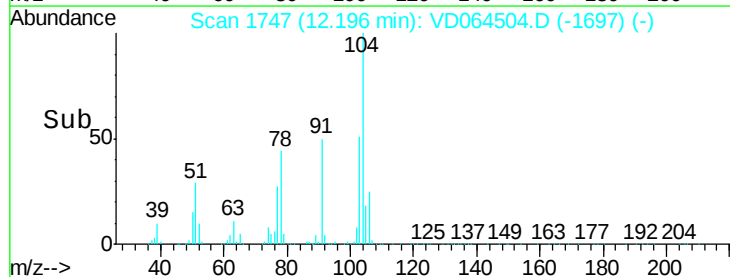
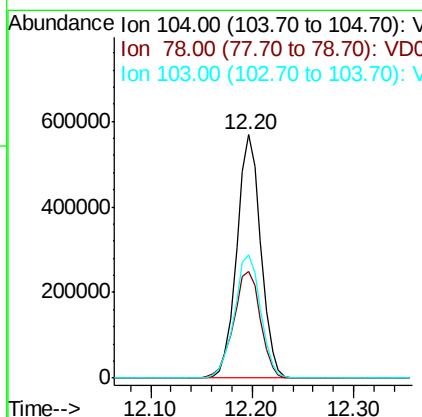
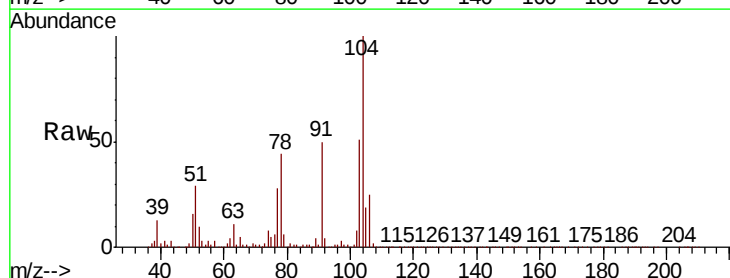
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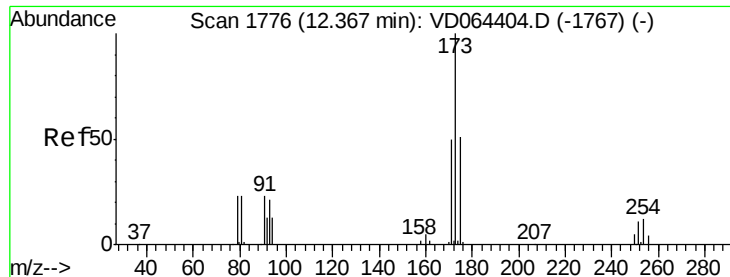
apatel
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#70
Styrene
Concen: 50.993 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		932025		
78	49.4	38.8	58.2		
103	55.8	44.2	66.4		





#71

Bromoform

Concen: 47.832 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 177838

Ion Ratio Lower Upper

173 100

175 49.1 25.3 75.8

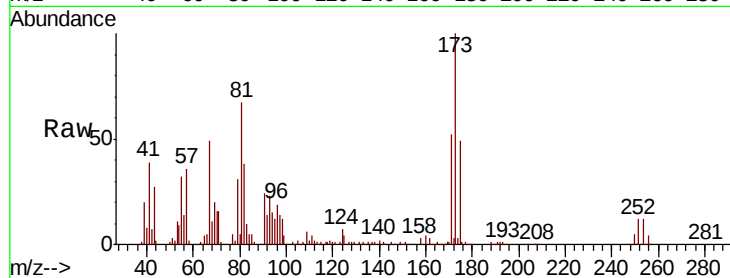
254 0.2 0.0 0.0#

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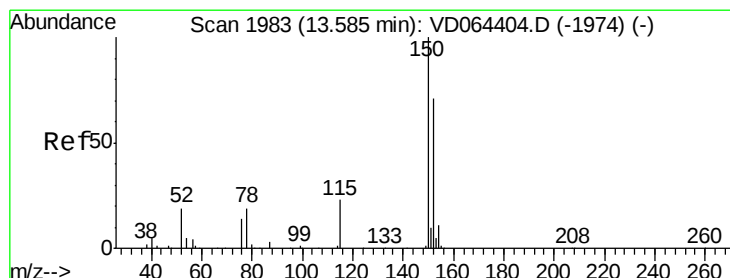
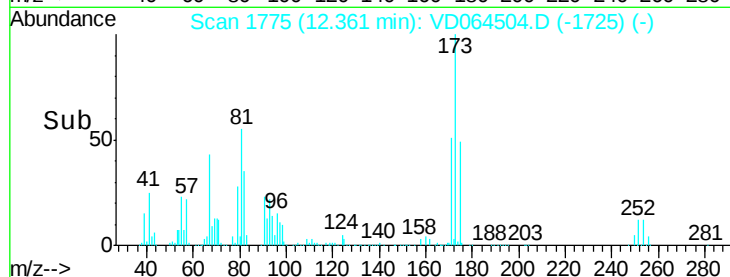
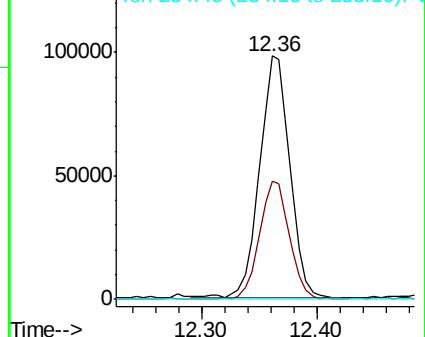
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

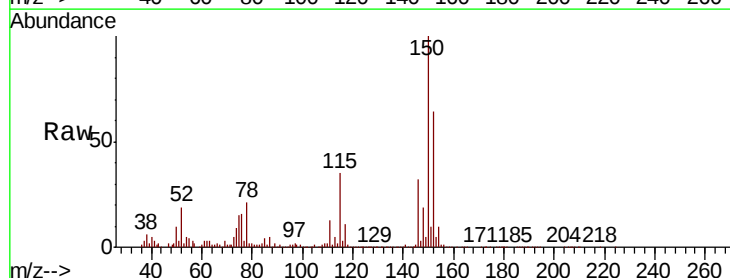
Tgt Ion:152 Resp: 400452

Ion Ratio Lower Upper

152 100

115 55.2 26.7 80.1

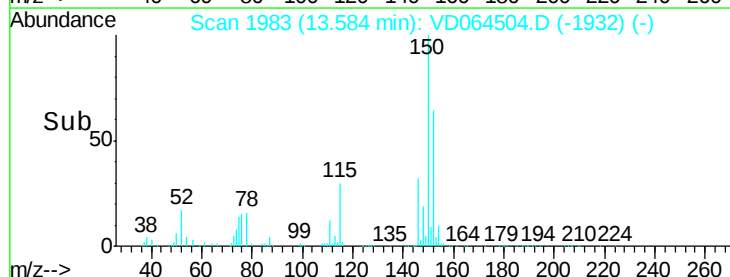
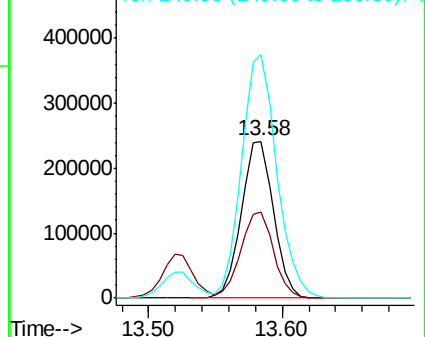
150 170.0 0.0 347.2

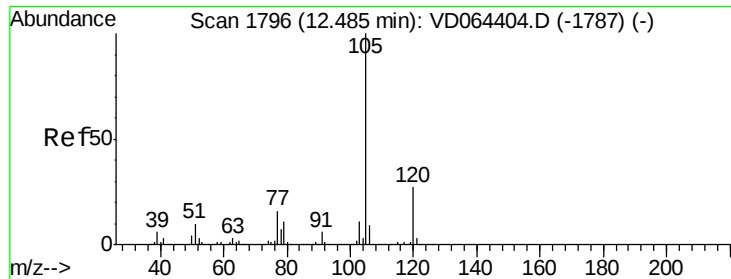


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.736 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1461251

Ion Ratio Lower Upper

105 100

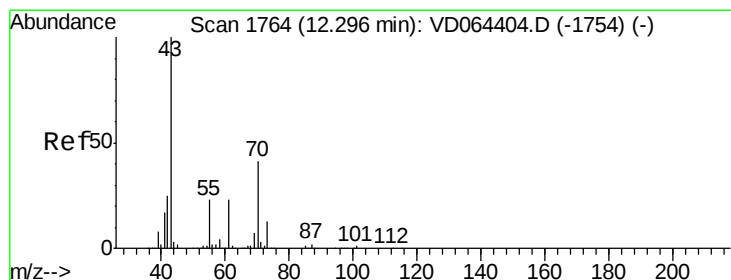
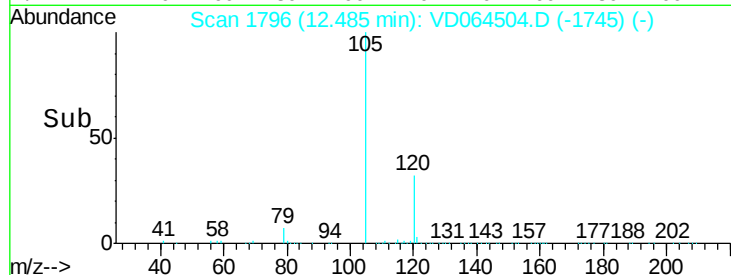
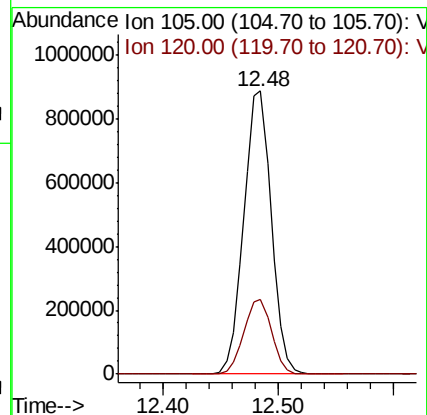
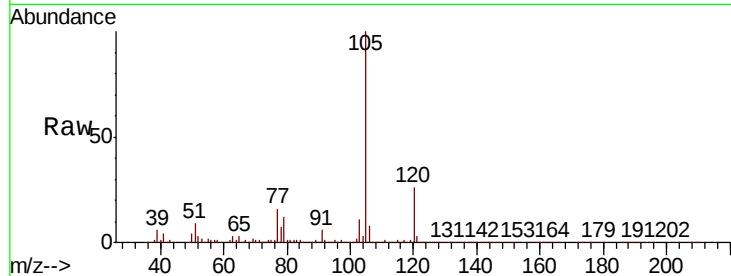
120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 64.208 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion: 43 Resp: 419711

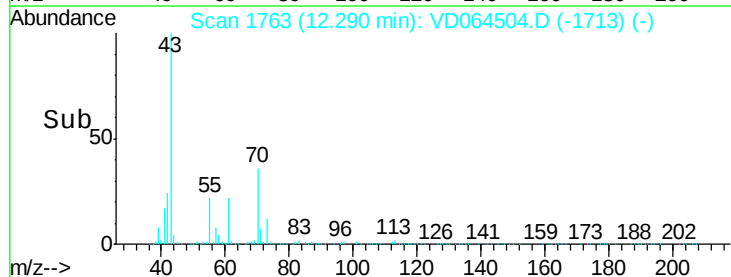
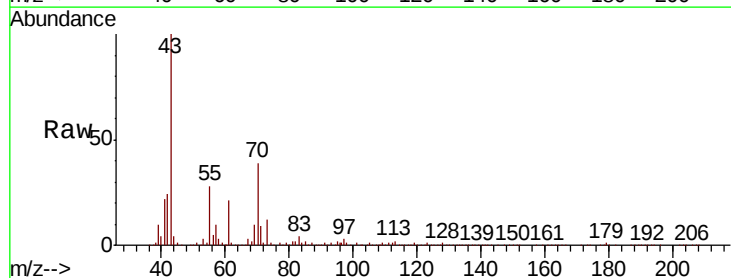
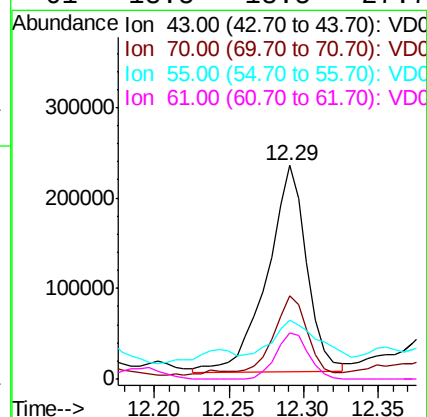
Ion Ratio Lower Upper

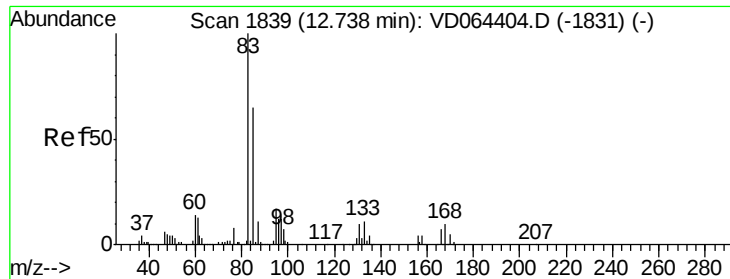
43 100

70 30.7 33.4 50.2#

55 33.2 18.9 28.3#

61 18.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.311 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

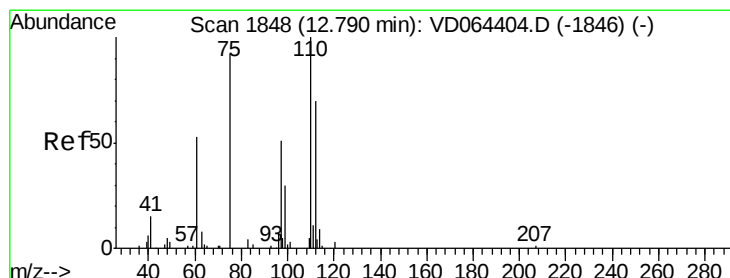
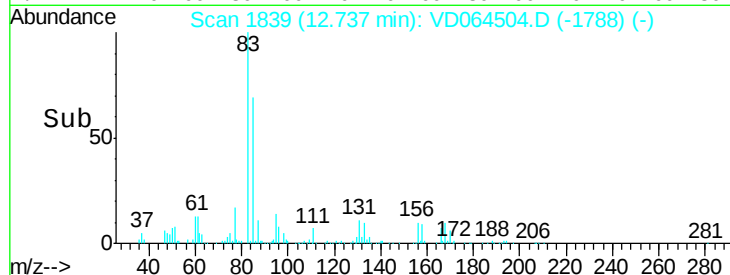
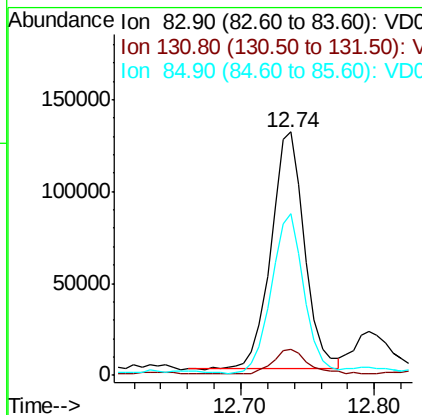
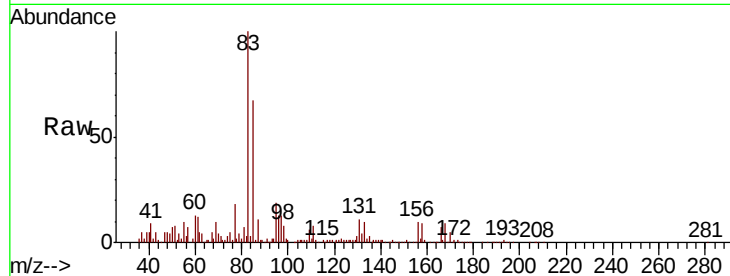
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	225331
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	65.5	31.3	93.9

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#76

1,2,3-Trichloropropane

Concen: 51.349 ug/l m

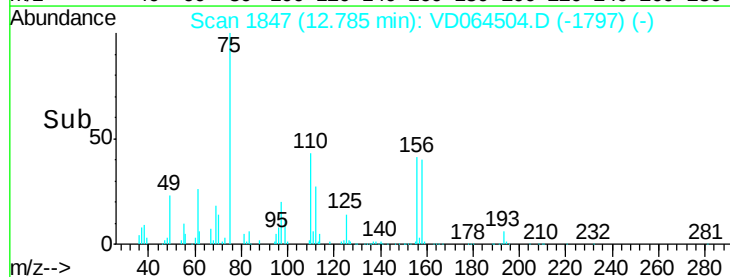
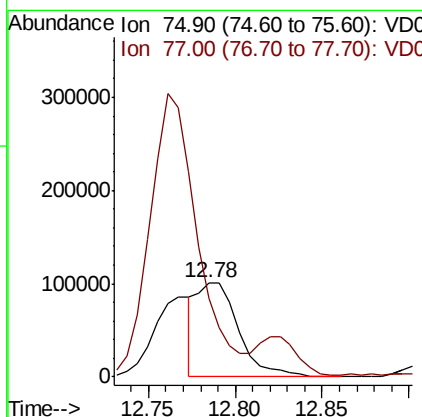
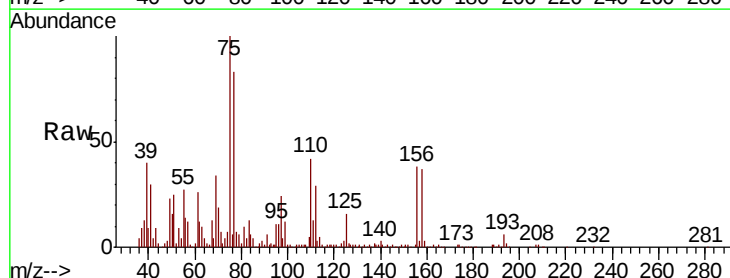
RT: 12.78 min Scan# 1847

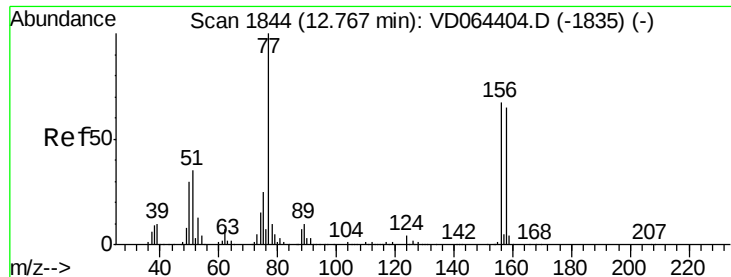
Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	75	Resp:	169102
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.828 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

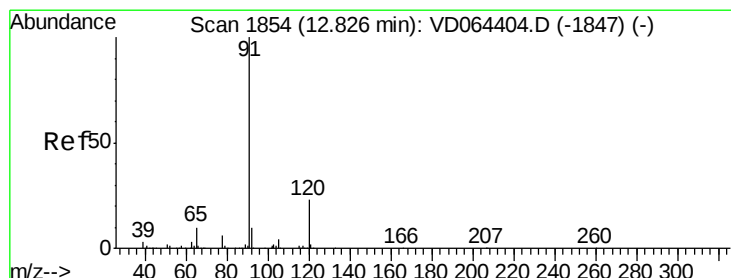
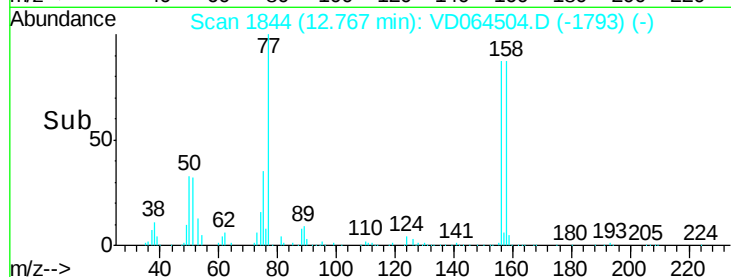
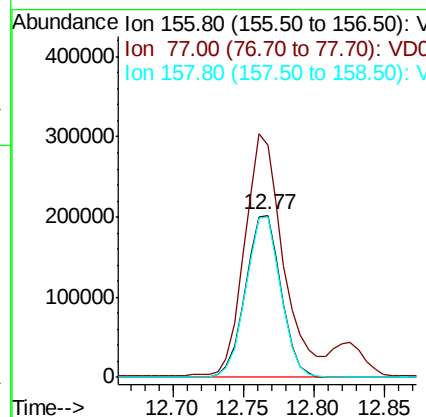
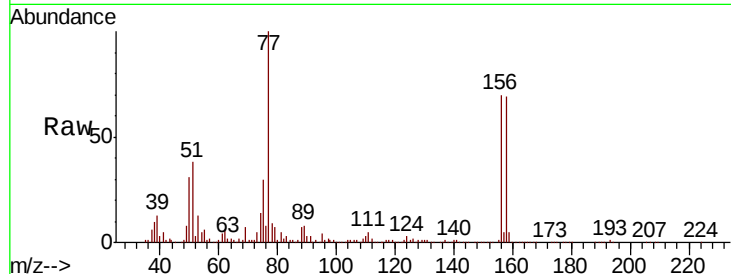
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	354393
Ion Ratio	Lower	Upper	
156	100		
77	163.1	80.0	240.2
158	98.2	48.9	146.6

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#78

n-propylbenzene

Concen: 50.500 ug/l

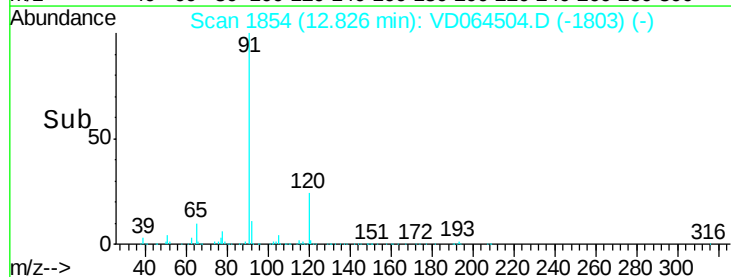
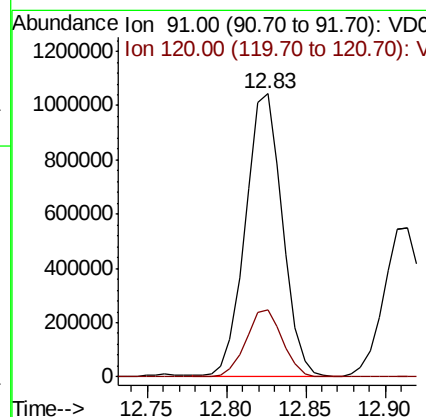
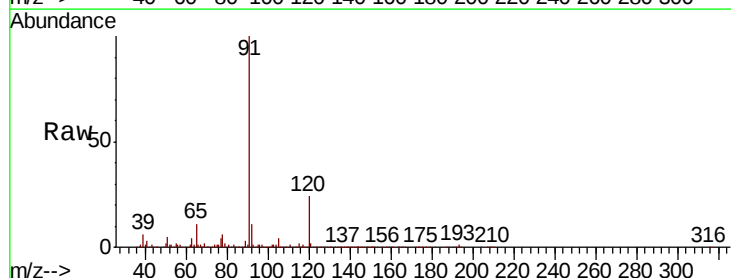
RT: 12.83 min Scan# 1854

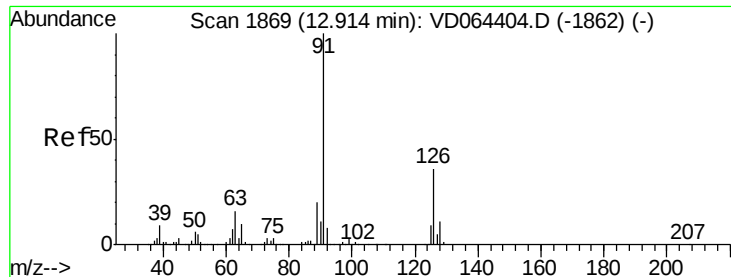
Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	91	Resp:	1678145
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 51.279 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 937635

Ion Ratio Lower Upper

91 100

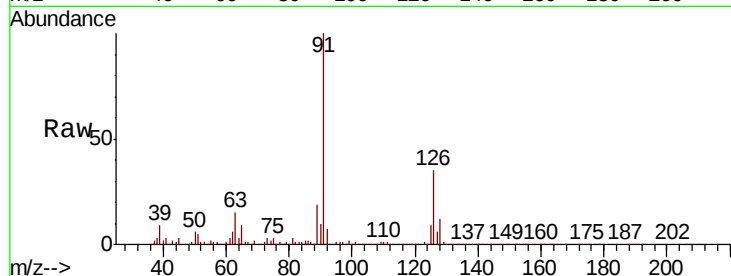
126 35.5 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

12.91

600000

500000

400000

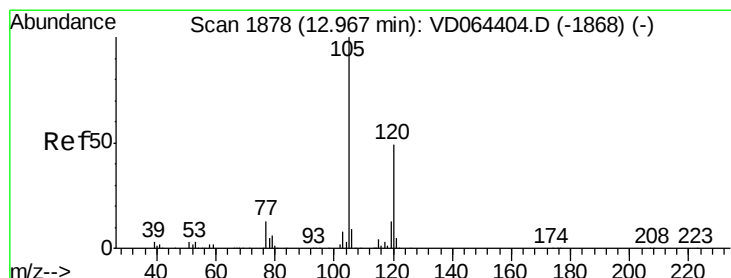
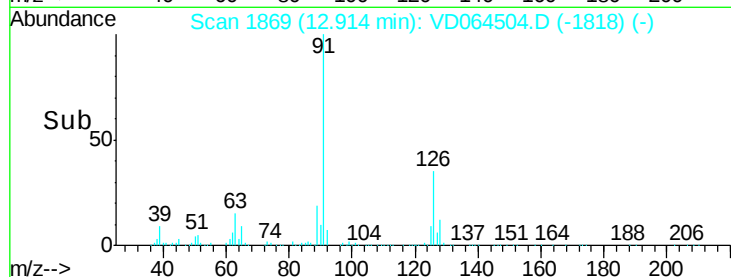
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.035 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064504.D

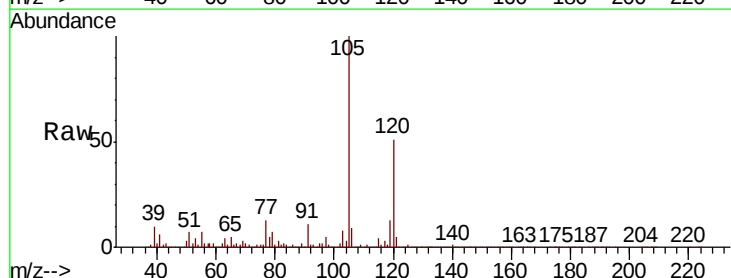
Acq: 11 Dec 2019 17:18

Tgt Ion:105 Resp: 1201165

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.96

800000

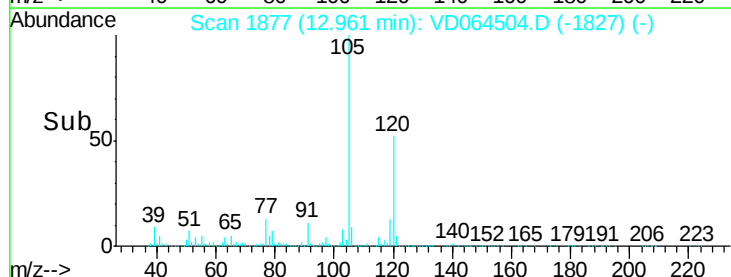
600000

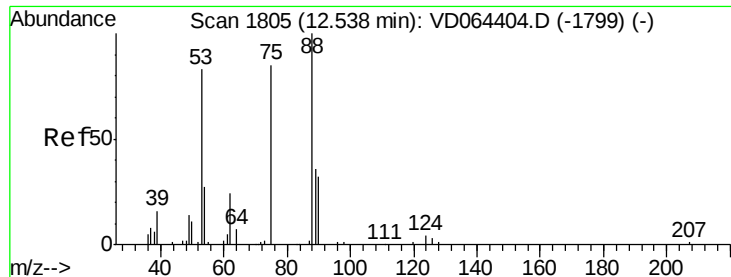
400000

200000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.516 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

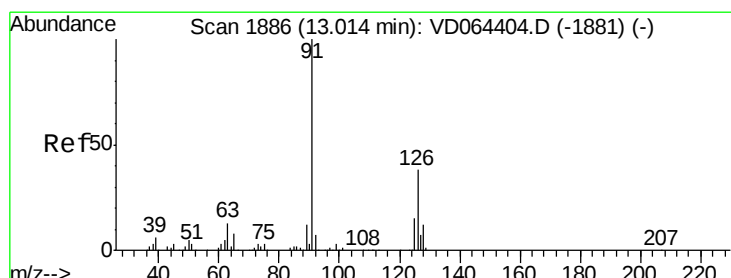
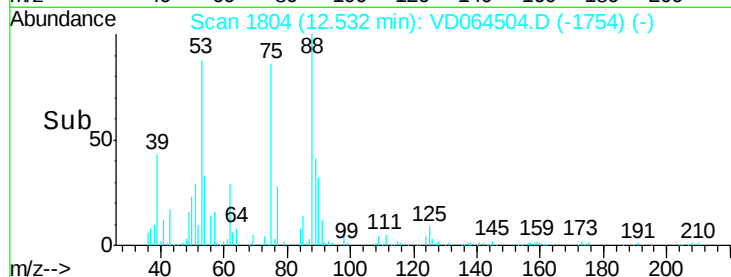
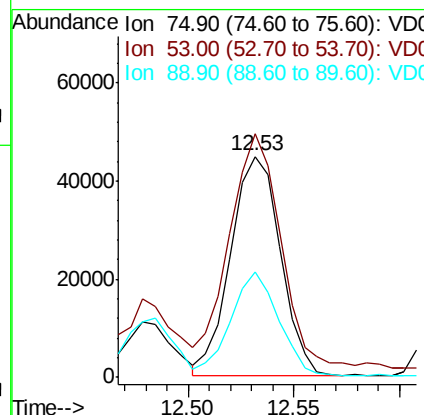
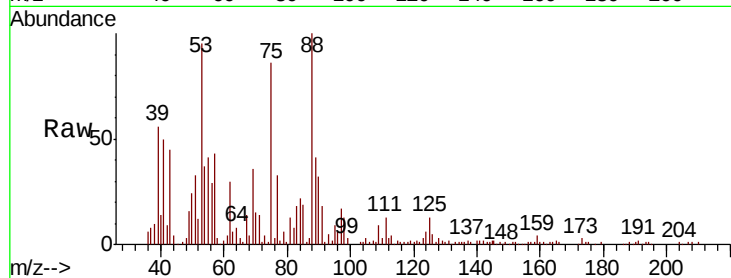
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	73273
Ion	Ratio	Lower	Upper
75	100		
53	111.2	81.0	121.6
89	46.1	38.5	57.7

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#82

4-Chlorotoluene

Concen: 51.024 ug/l

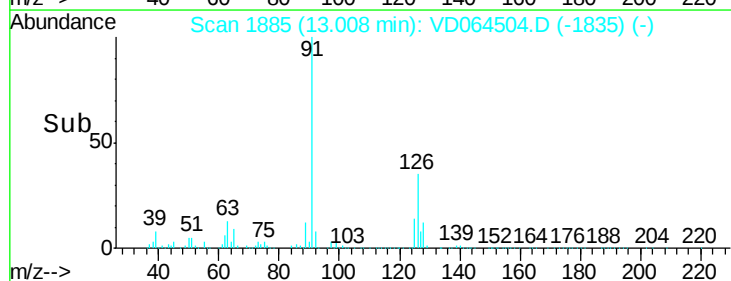
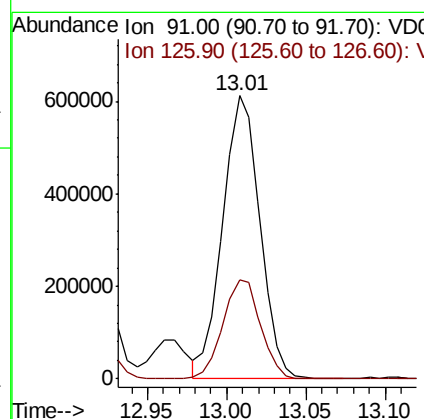
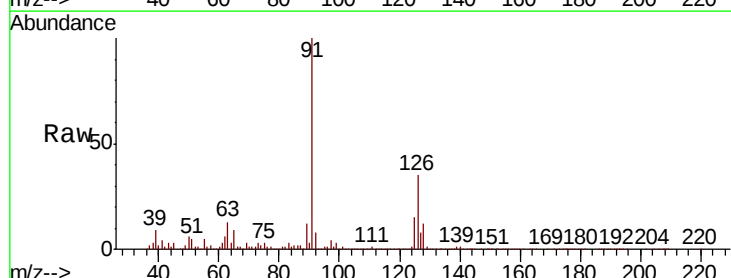
RT: 13.01 min Scan# 1885

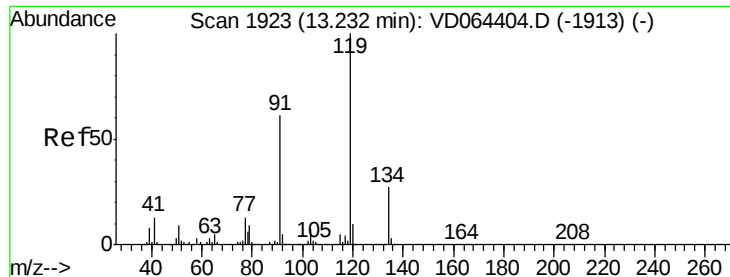
Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	91	Resp:	987823
Ion	Ratio	Lower	Upper
91	100		
126	35.4	18.2	54.6





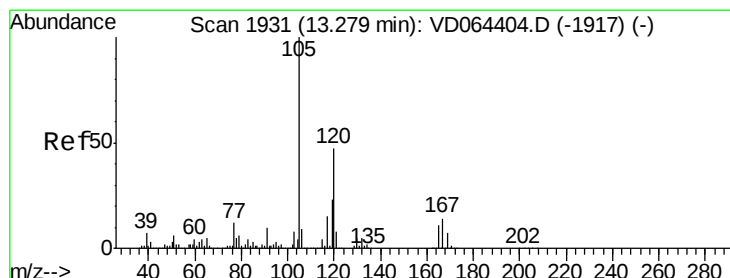
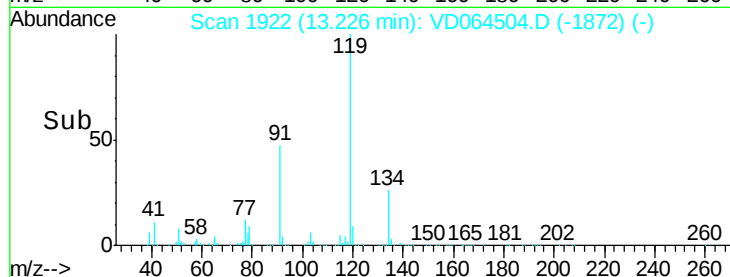
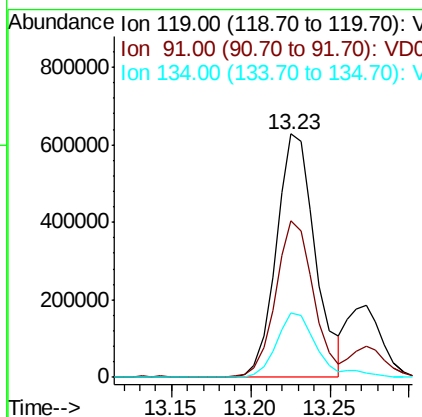
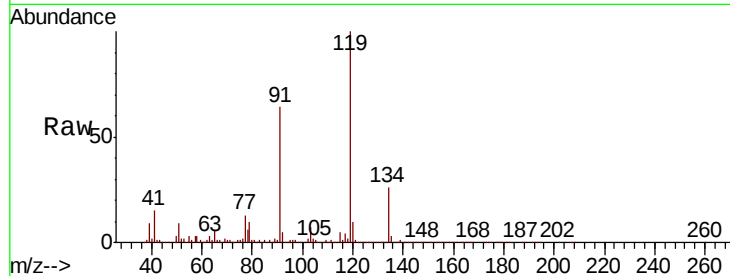
#83
tert-Butylbenzene
Concen: 51.897 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.2	93.6
134	28.0	13.9	41.7

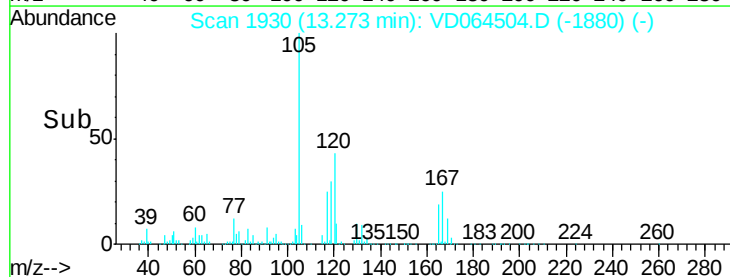
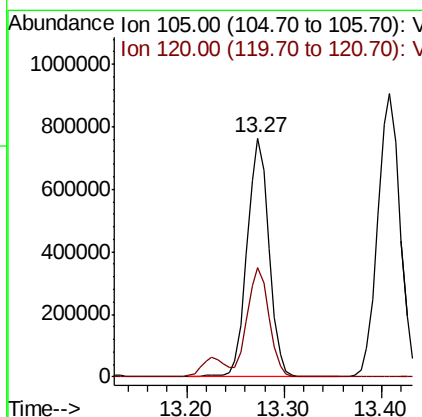
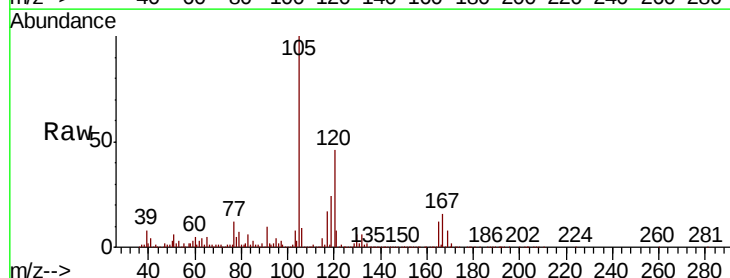
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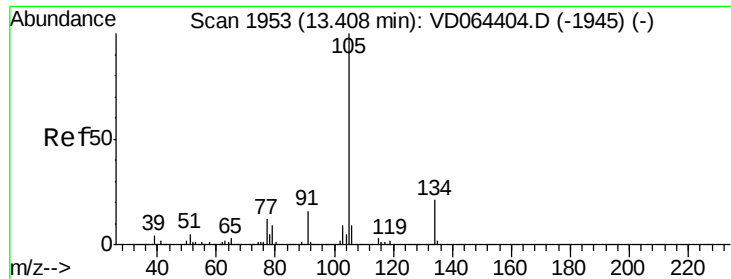
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#84
1,2,4-Trimethylbenzene
Concen: 50.458 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.6	70.8





#85

sec-Butylbenzene

Concen: 50.814 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1427003

Ion Ratio Lower Upper

105 100

134 20.8

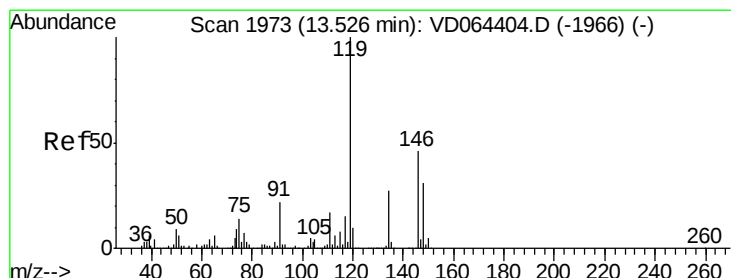
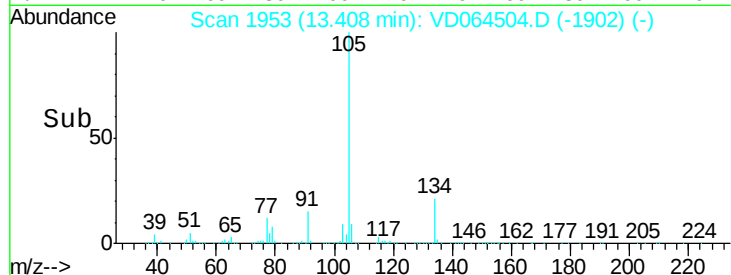
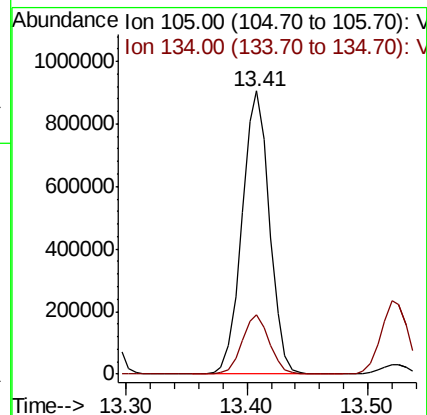
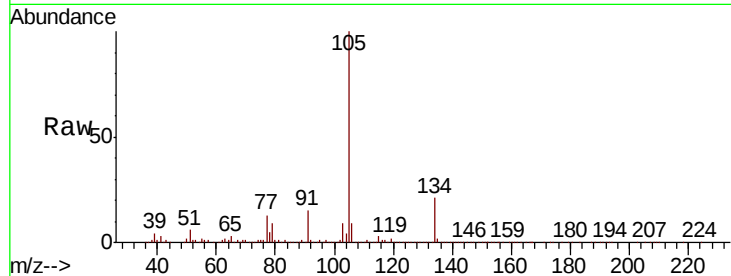
10.5 31.5

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#86

p-Isopropyltoluene

Concen: 51.017 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:119 Resp: 1352618

Ion Ratio Lower Upper

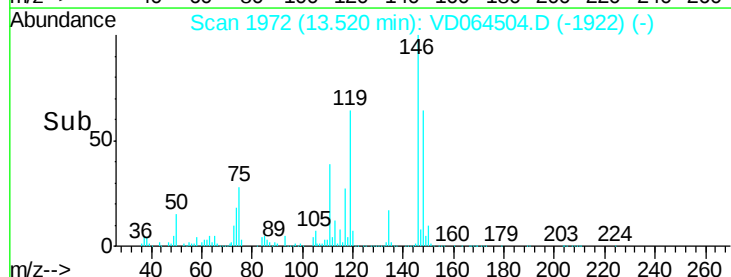
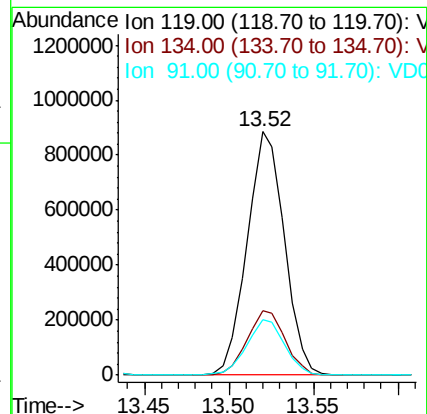
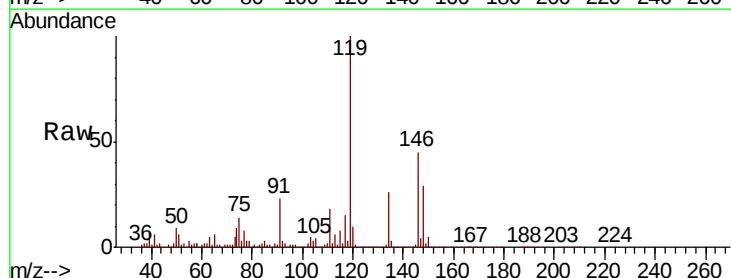
119 100

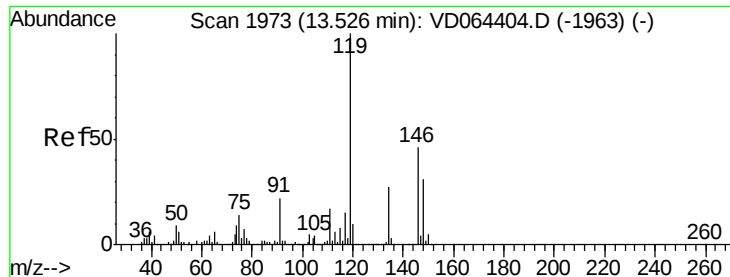
134 27.5

91 22.7

13.5 40.4

11.2 33.5





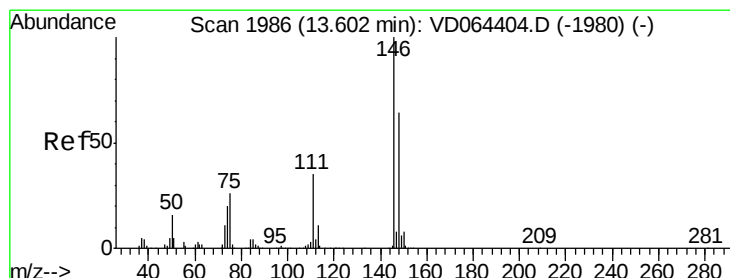
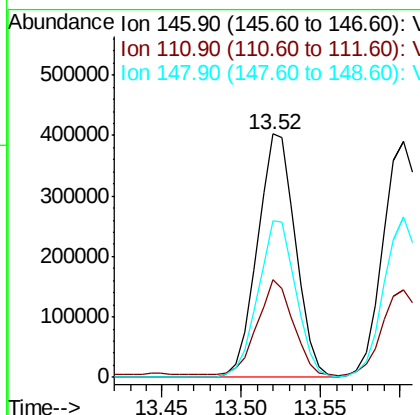
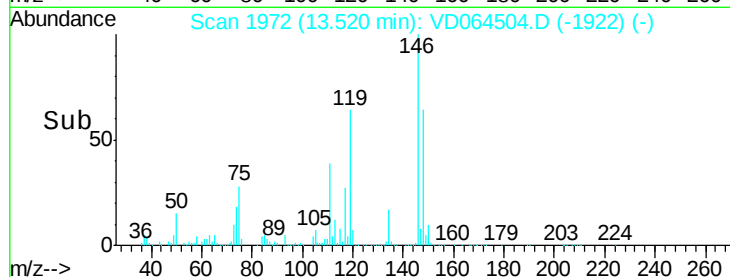
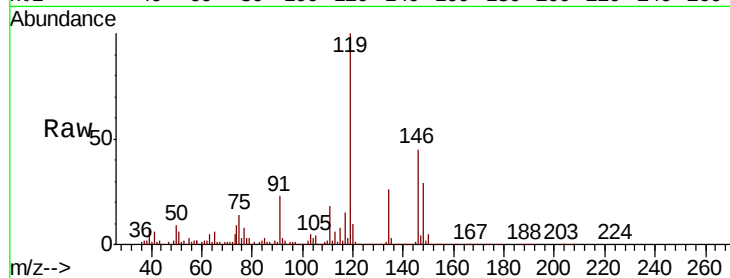
#87
 1,3-Dichlorobenzene
 Concen: 49.855 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.8	56.4
148	64.1	32.6	97.8

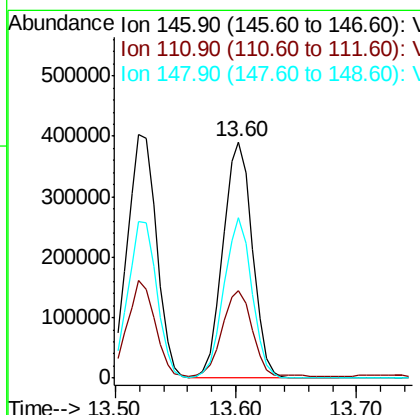
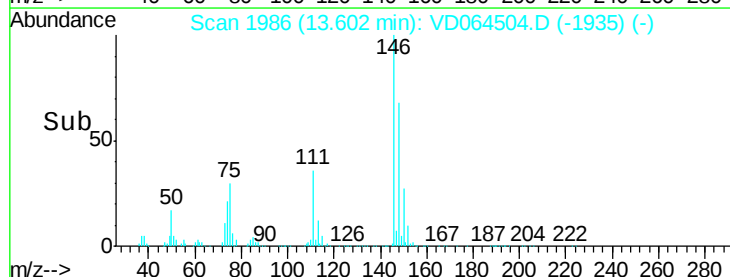
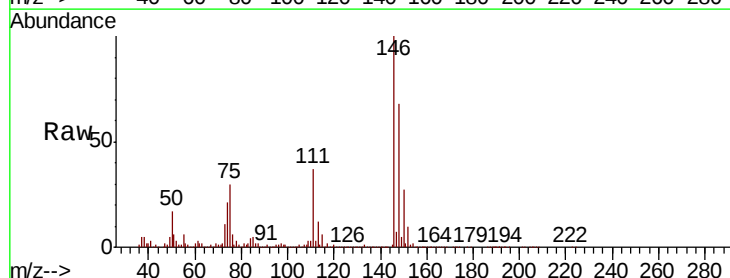
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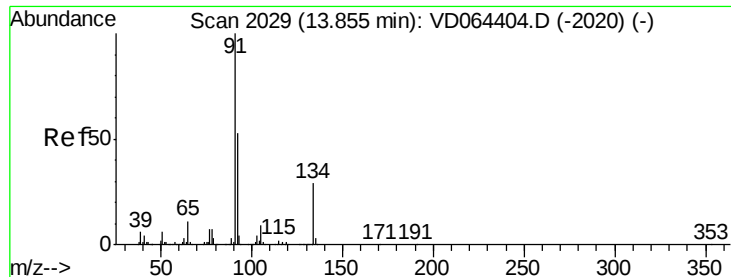
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#88
 1,4-Dichlorobenzene
 Concen: 49.496 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.2	54.6
148	64.9	31.8	95.4





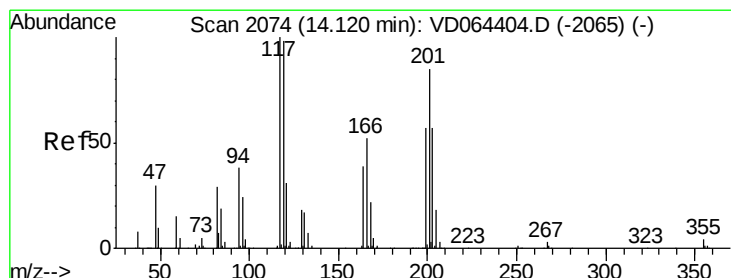
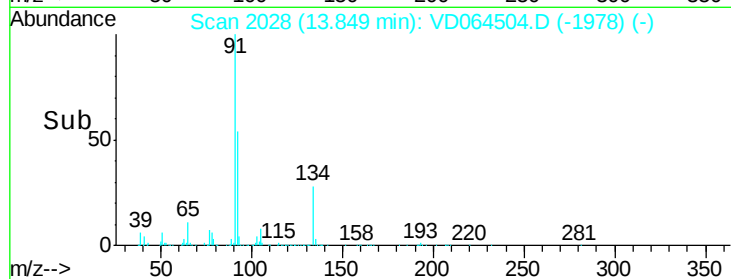
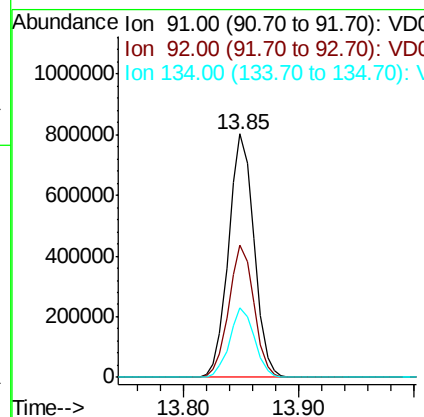
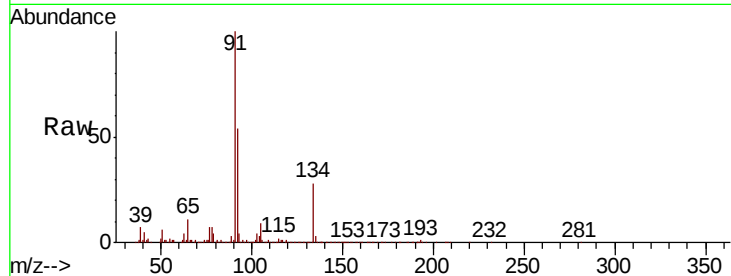
#89
n-Butylbenzene
Concen: 50.678 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.5	79.4
134	27.9	13.9	41.7

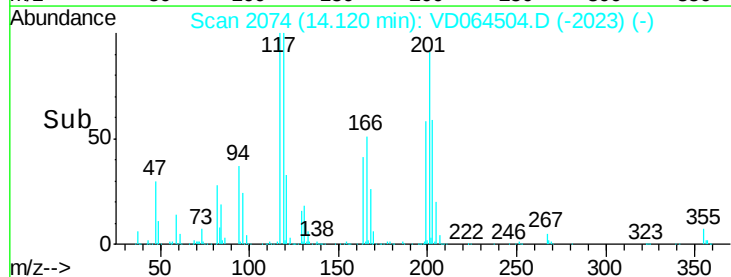
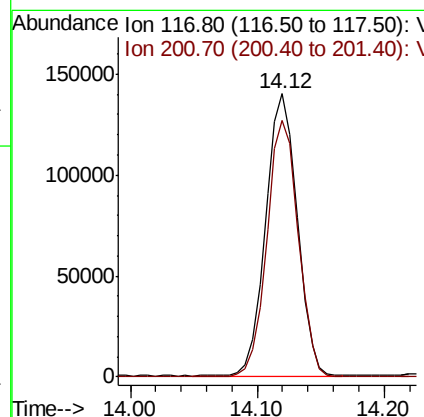
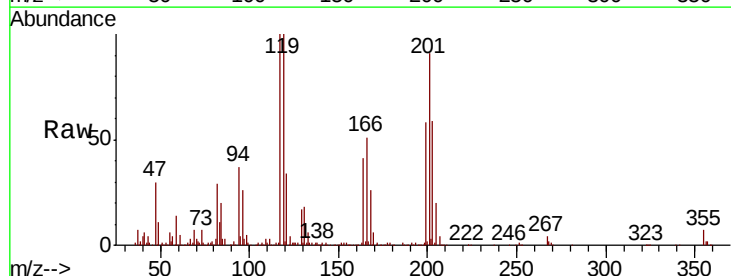
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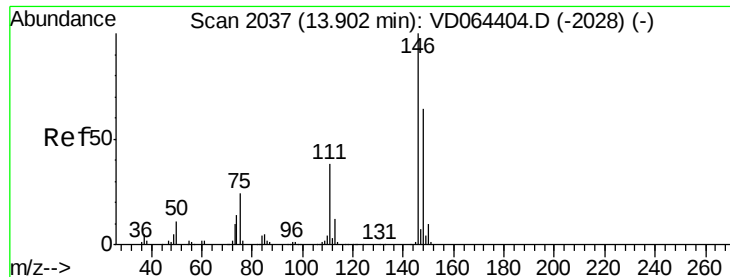
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#90
Hexachloroethane
Concen: 48.538 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	44.3	132.8





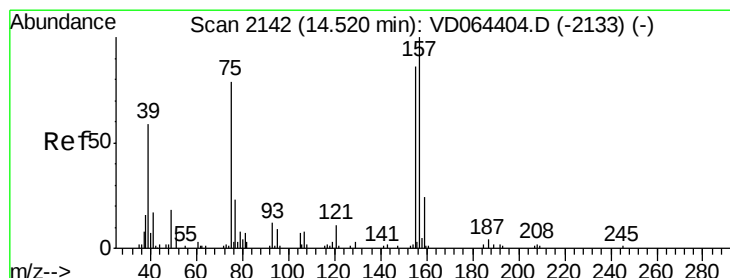
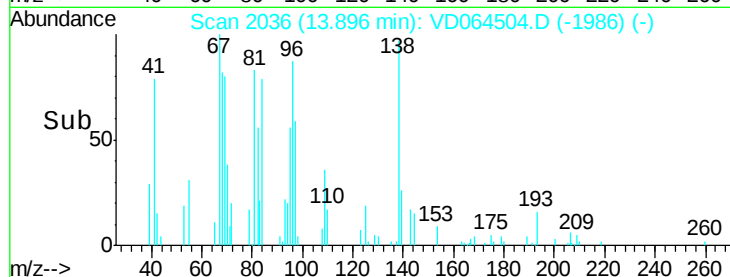
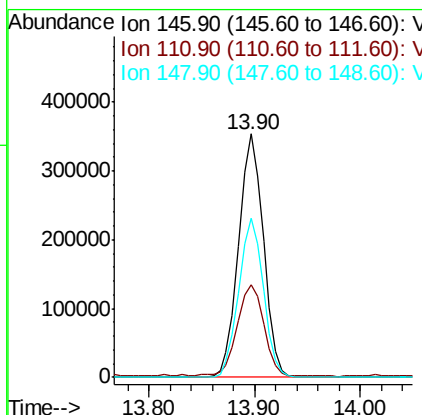
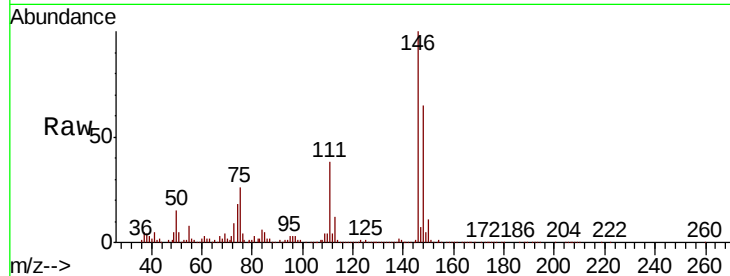
#91
 1,2-Dichlorobenzene
 Concen: 49.910 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.1	57.3
148	64.9	32.0	96.0

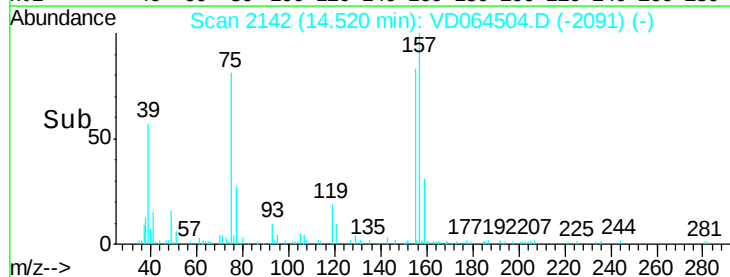
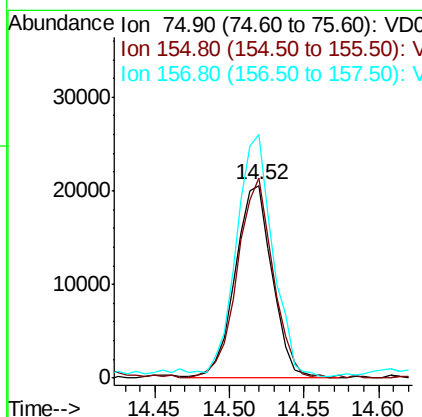
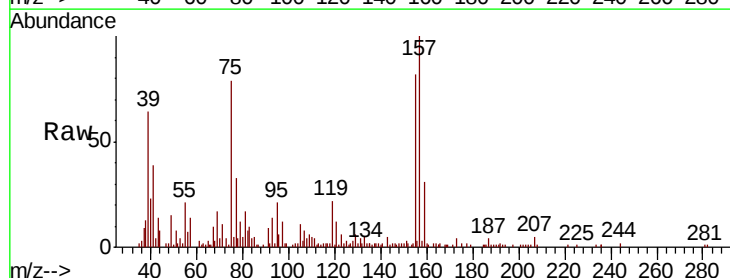
Manual Integrations
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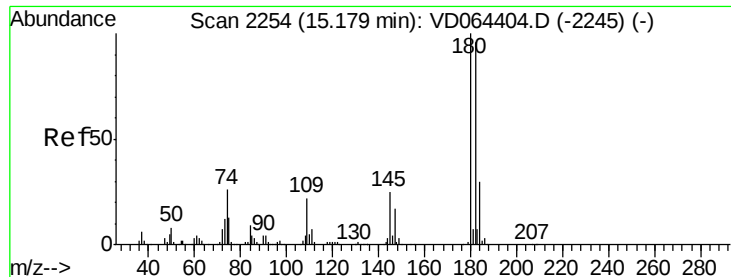
apatel
 12/12/2019 10:29:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.005 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064504.D
 Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.9	155.7
157	123.6	63.2	189.8





#93

1,2,4-Trichlorobenzene

Concen: 48.706 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. -0.01 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Instrument :

MSVOA_D

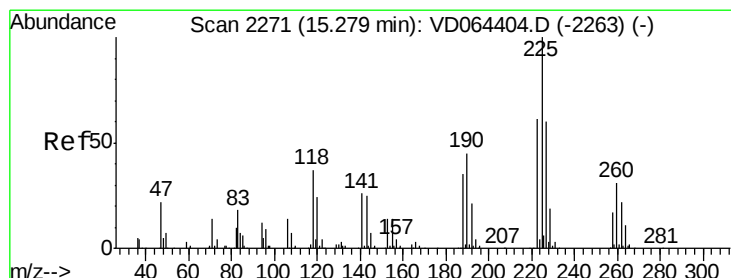
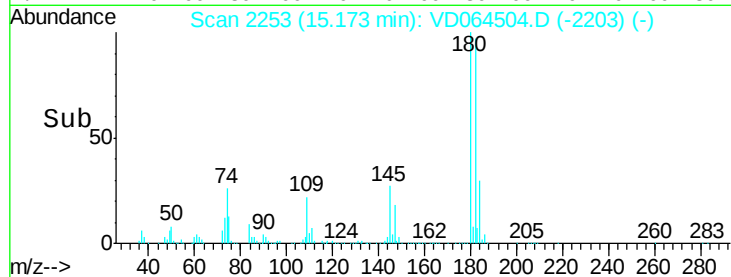
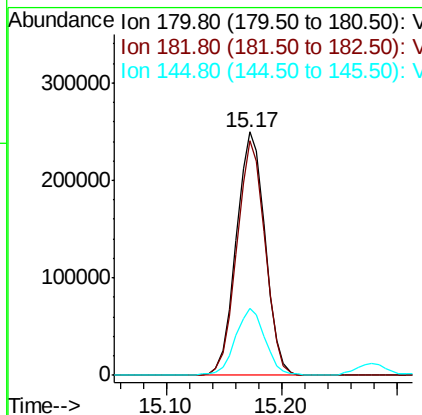
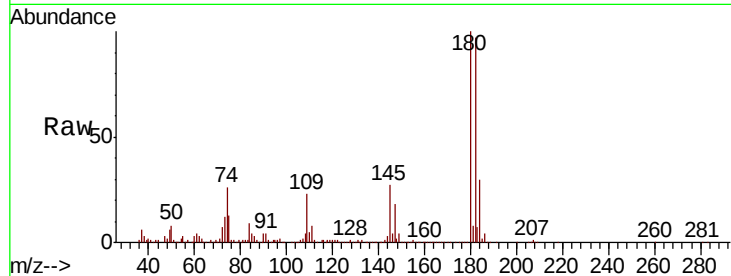
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	430327
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.4	142.3
145	28.1	14.0	41.9

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#94

Hexachlorobutadiene

Concen: 48.706 ug/l

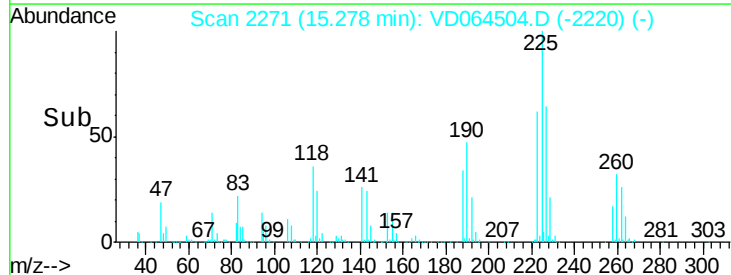
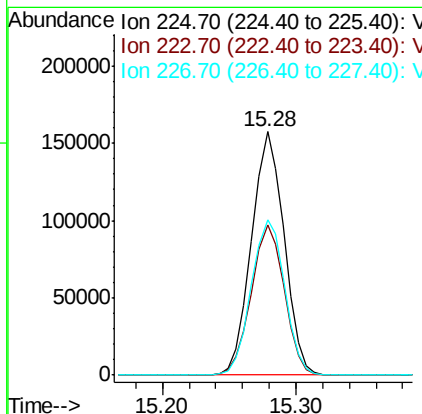
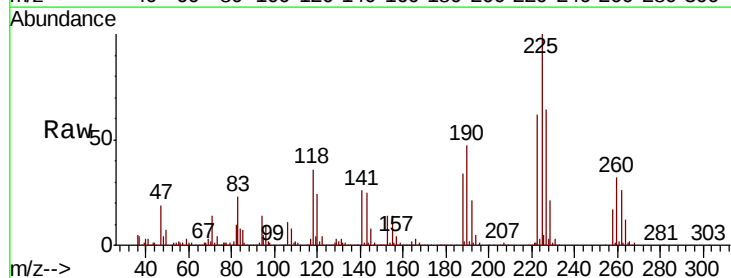
RT: 15.28 min Scan# 2271

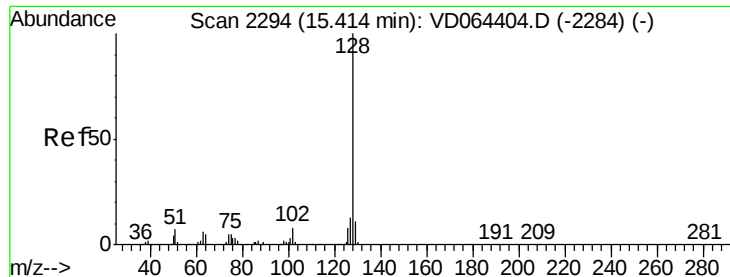
Delta R.T. -0.00 min

Lab File: VD064504.D

Acq: 11 Dec 2019 17:18

Tgt Ion:	225	Resp:	265655
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.1	93.3
227	65.5	31.8	95.4





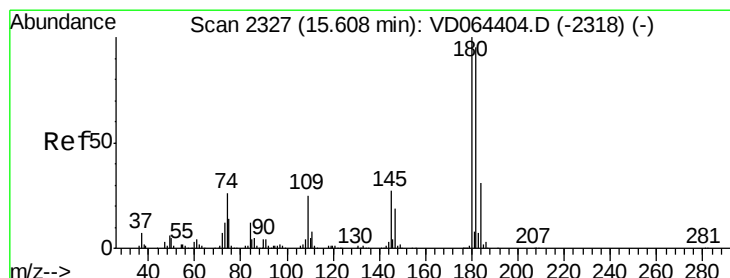
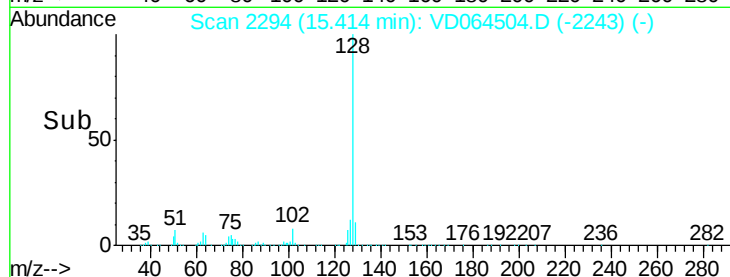
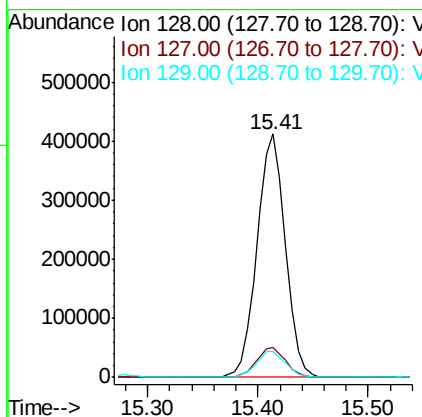
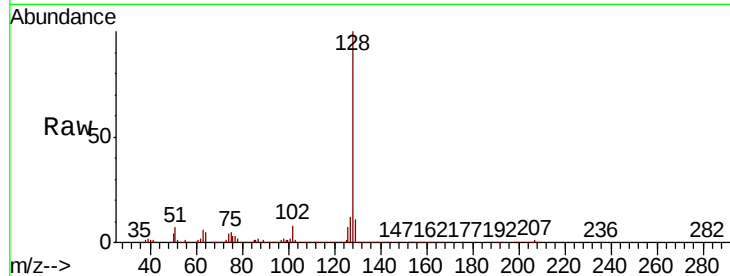
#95
Naphthalene
Concen: 50.042 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.466 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064504.D
Acq: 11 Dec 2019 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.9
145	31.5	14.6	43.8

