

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064636.D
 Acq On : 27 Dec 2019 11:05
 Operator : VA/SY
 Sample : VD1227SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:03:03 AM

Quant Time: Dec 30 01:16:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	408641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	594846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	525231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	250274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	184281	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	7.91	113	184952	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.34	98	717128	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.64	95	221150	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	60975	19.200	ug/l	86
3) Chloromethane	2.21	50	89524	20.156	ug/l	99
4) Vinyl Chloride	2.35	62	107429	19.838	ug/l	97
5) Bromomethane	2.76	94	76827	19.512	ug/l	93
6) Chloroethane	2.92	64	70766	19.502	ug/l	95
7) Trichlorofluoromethane	3.27	101	186605	20.465	ug/l	94
8) Diethyl Ether	3.70	74	33723	18.624	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	73264	19.401	ug/l	97
10) Methyl Iodide	4.30	142	70893	17.477	ug/l	99
11) Tert butyl alcohol	5.25	59	19111	92.543	ug/l	100
12) 1,1-Dichloroethene	4.06	96	68530	19.062	ug/l	92
13) Acrolein	3.92	56	24756	86.017	ug/l	93
14) Allyl chloride	4.71	41	107929	19.255	ug/l	99
15) Acrylonitrile	5.42	53	71322	94.565	ug/l	100
16) Acetone	4.16	43	70266	88.562	ug/l	94
17) Carbon Disulfide	4.40	76	225501	19.398	ug/l	98
18) Methyl Acetate	4.72	43	37054	18.265	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	147132	18.425	ug/l	94
20) Methylene Chloride	4.96	84	80323	18.740	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	79532	19.425	ug/l	97
22) Diisopropyl ether	6.37	45	215011	19.231	ug/l	95
23) Vinyl Acetate	6.31	43	588727	92.828	ug/l	99
24) 1,1-Dichloroethane	6.27	63	132976	19.812	ug/l	98
25) 2-Butanone	7.22	43	90036	90.902	ug/l	98
26) 2,2-Dichloropropane	7.21	77	119303	19.118	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	84163	19.047	ug/l	98
28) Bromochloromethane	7.54	49	50422	19.325	ug/l	99
29) Tetrahydrofuran	7.57	42	56641	91.957	ug/l	99
30) Chloroform	7.71	83	137204	19.484	ug/l	96
31) Cyclohexane	7.98	56	127661	19.001	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	130416	19.718	ug/l	98
36) 1,1-Dichloropropene	8.11	75	110506	19.301	ug/l	99
37) Ethyl Acetate	7.30	43	41957	18.654	ug/l	97
38) Carbon Tetrachloride	8.10	117	119400	19.558	ug/l	98

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Quant Time: Dec 30 01:16:29 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	130872	18.873	ug/l	99
40) Benzene	8.35	78	298346	19.088	ug/l	97
41) Methacrylonitrile	7.53	41	24373m	18.677	ug/l	
42) 1,2-Dichloroethane	8.43	62	85601	18.953	ug/l	99
43) Isopropyl Acetate	8.46	43	80463	17.973	ug/l	99
44) Trichloroethene	9.11	130	86248	18.784	ug/l	90
45) 1,2-Dichloropropane	9.38	63	73162	19.605	ug/l	97
46) Dibromomethane	9.48	93	39688	19.075	ug/l	98
47) Bromodichloromethane	9.67	83	104661	18.904	ug/l #	99
48) Methyl methacrylate	9.46	41	39378	18.681	ug/l	95
49) 1,4-Dioxane	9.47	88	8526	355.388	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	198364	89.643	ug/l	98
52) Toluene	10.40	92	197083	19.220	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	95920	18.583	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	116121	19.079	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	53825	19.196	ug/l	92
56) Ethyl methacrylate	10.66	69	63396	18.104	ug/l	98
57) 1,3-Dichloropropane	10.95	76	90055	18.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	134811	101.046	ug/l	98
59) 2-Hexanone	10.99	43	135961	90.526	ug/l	98
60) Dibromochloromethane	11.14	129	73335	18.913	ug/l	100
61) 1,2-Dibromoethane	11.25	107	53689	19.413	ug/l	95
64) Tetrachloroethene	10.87	164	76217	18.915	ug/l	96
65) Chlorobenzene	11.67	112	208666	19.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	76439	18.600	ug/l	100
67) Ethyl Benzene	11.75	91	367671	18.582	ug/l	98
68) m/p-Xylenes	11.86	106	282133	36.943	ug/l	98
69) o-Xylene	12.18	106	126553	18.346	ug/l	99
70) Styrene	12.20	104	225290	18.606	ug/l	98
71) Bromoform	12.36	173	44004	18.776	ug/l #	98
73) Isopropylbenzene	12.48	105	346922	19.397	ug/l	99
74) N-amyl acetate	12.29	43	70726	18.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	56026	19.941	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	40722m	20.605	ug/l	
77) Bromobenzene	12.76	156	85099	19.364	ug/l	99
78) n-propylbenzene	12.83	91	413641	19.824	ug/l	99
79) 2-Chlorotoluene	12.91	91	224351	19.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	282897	19.255	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	17537	18.559	ug/l	98
82) 4-Chlorotoluene	13.01	91	236625	19.399	ug/l	100
83) tert-Butylbenzene	13.23	119	249995	19.598	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	285659	19.523	ug/l	99
85) sec-Butylbenzene	13.41	105	341233	19.512	ug/l	99
86) p-Isopropyltoluene	13.53	119	321393	19.220	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	158203	18.884	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	159511	19.382	ug/l	99
89) n-Butylbenzene	13.85	91	292719	19.439	ug/l	99
90) Hexachloroethane	14.12	117	61876	19.371	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	136241	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	8815	19.354	ug/l	94

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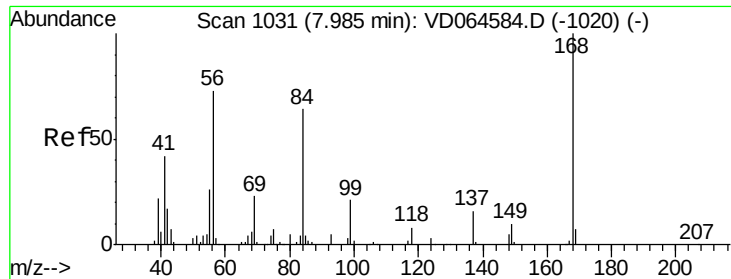
Manual Integrations
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12/30/2019 11:03:03 AM

Quant Time: Dec 30 01:16:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	97429	18.523	ug/l	98
94) Hexachlorobutadiene	15.28	225	62412	18.856	ug/l	99
95) Naphthalene	15.41	128	150792	18.121	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	85795	19.106	ug/l	99

(#) = 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. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion:168 Resp: 408641

Ion Ratio Lower Upper

168 100

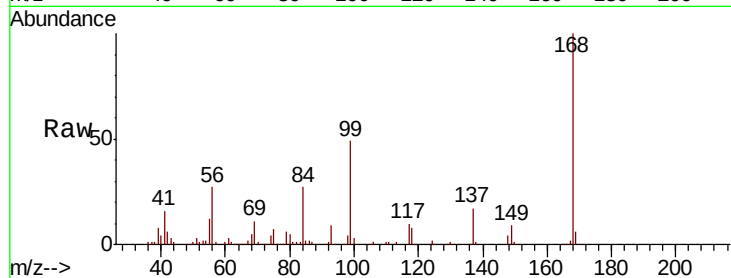
99 49.2 41.8 62.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

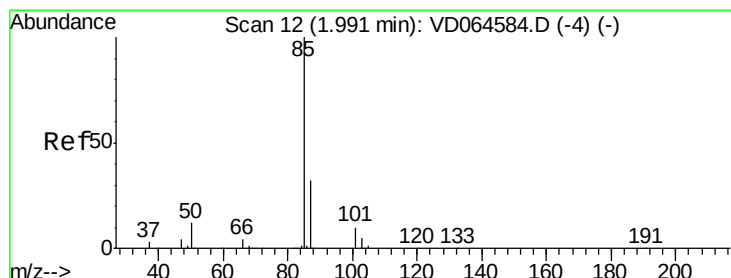
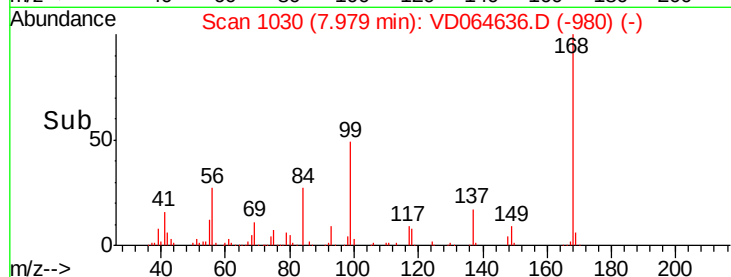
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.200 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064636.D

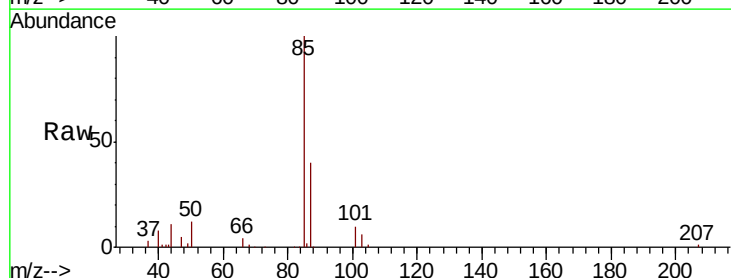
Acq: 27 Dec 2019 11:05

Tgt Ion: 85 Resp: 60975

Ion Ratio Lower Upper

85 100

87 40.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

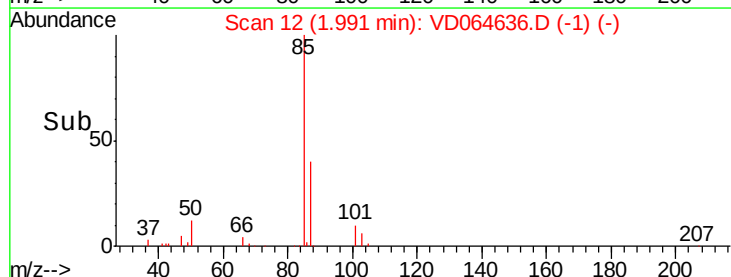
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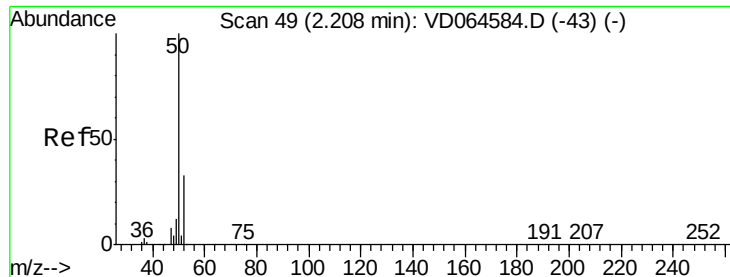
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.156 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 50 Resp: 89524

Ion Ratio Lower Upper

50 100

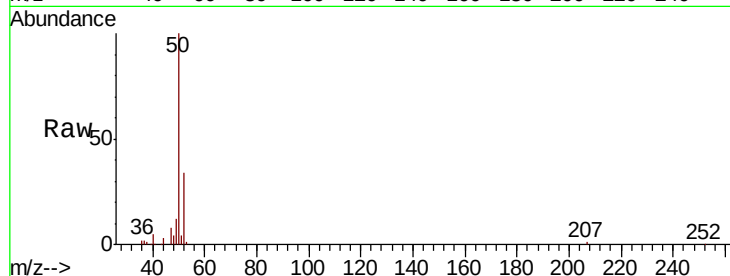
52 33.8 26.5 39.7

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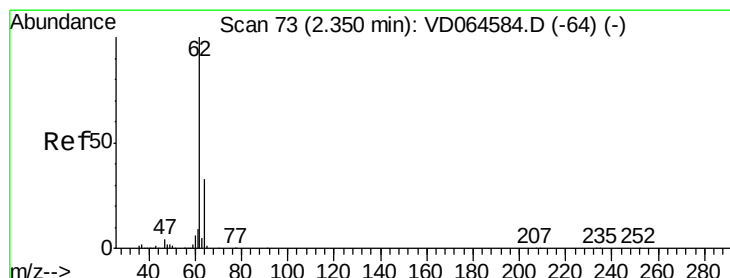
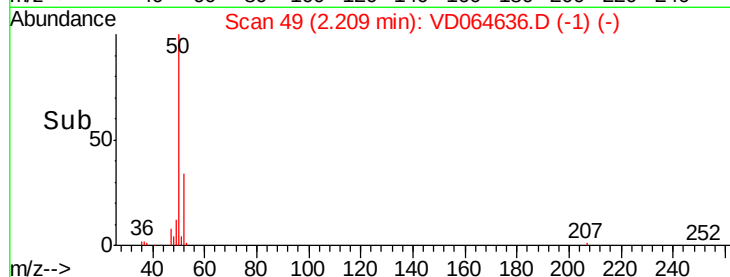
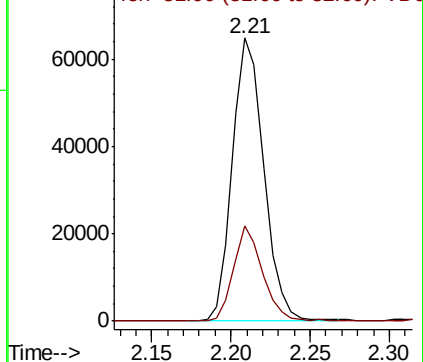
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.838 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064636.D

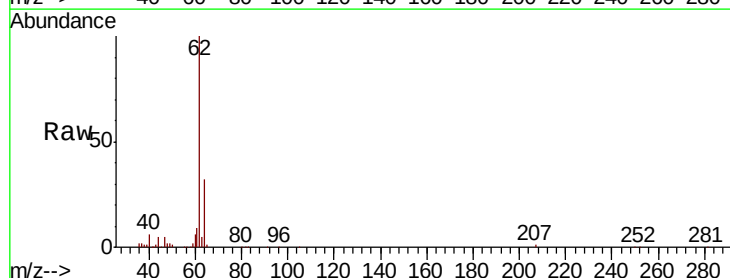
Acq: 27 Dec 2019 11:05

Tgt Ion: 62 Resp: 107429

Ion Ratio Lower Upper

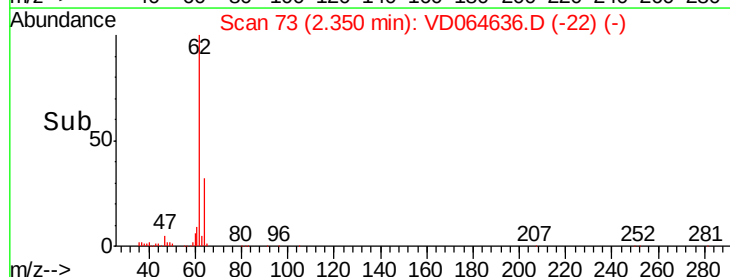
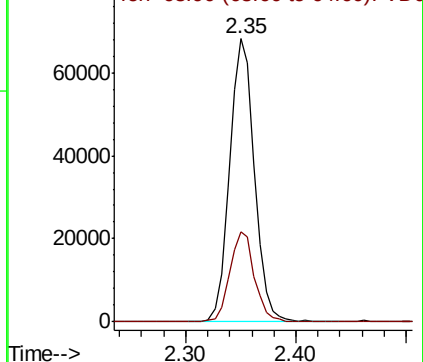
62 100

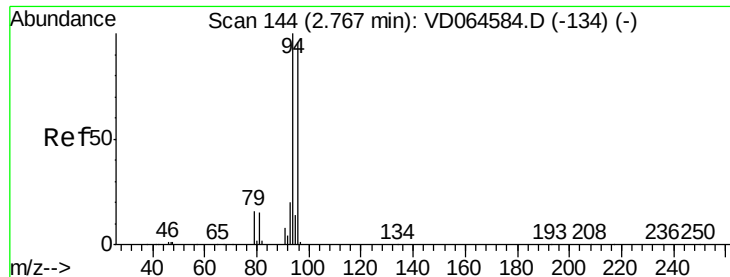
64 31.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.512 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 94 Resp: 76827

Ion Ratio Lower Upper

94 100

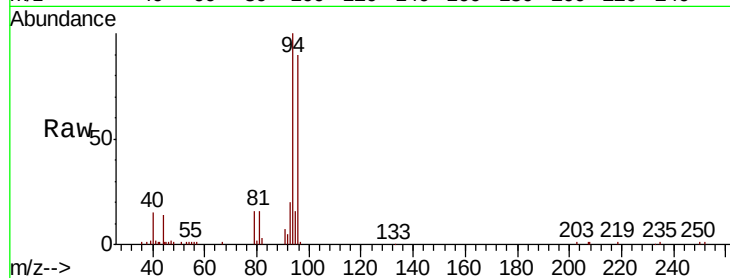
96 89.7 77.2 115.8

Manual Integrations

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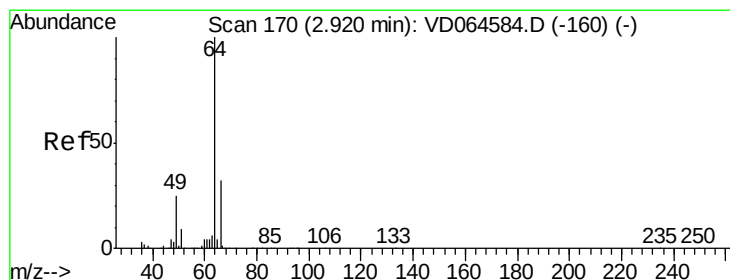
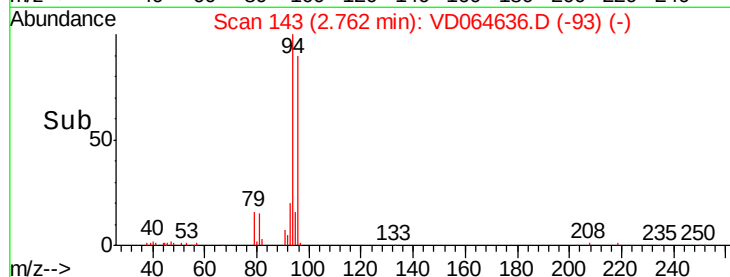
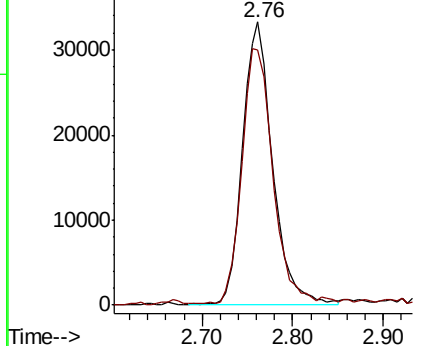
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.502 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064636.D

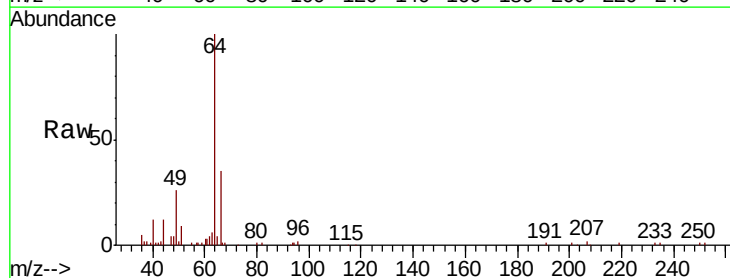
Acq: 27 Dec 2019 11:05

Tgt Ion: 64 Resp: 70766

Ion Ratio Lower Upper

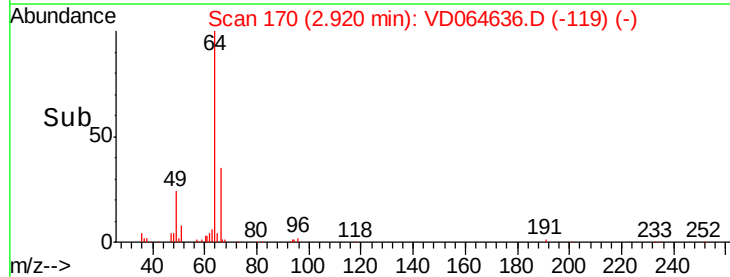
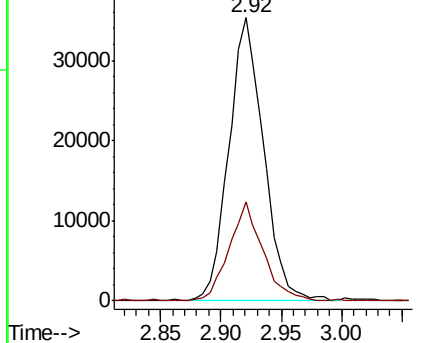
64 100

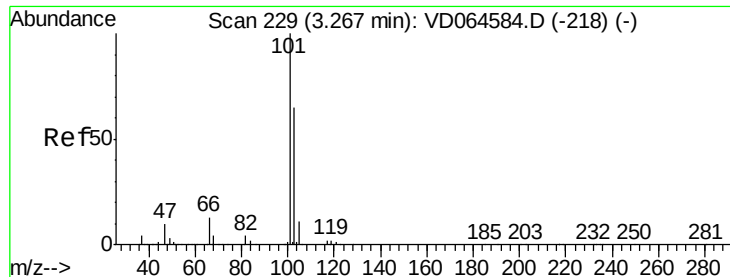
66 35.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

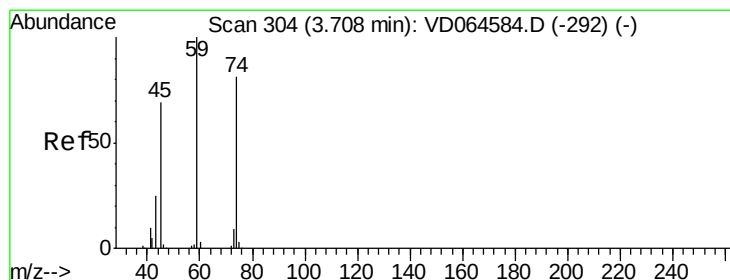
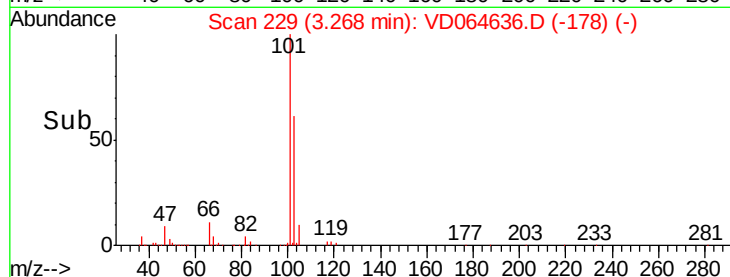
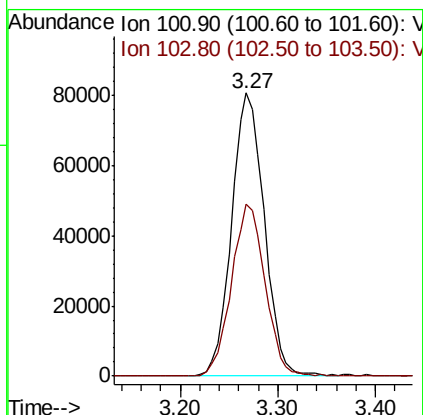
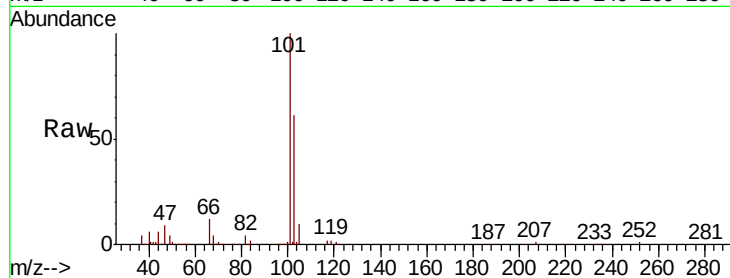
Trichlorofluoromethane
Concen: 20.465 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

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VD1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	186605		
103	60.8	52.2	78.4	

Manual Integrations
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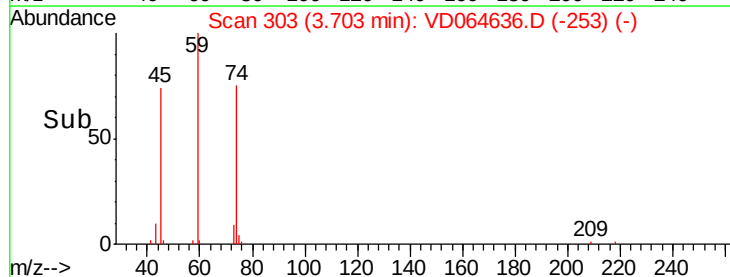
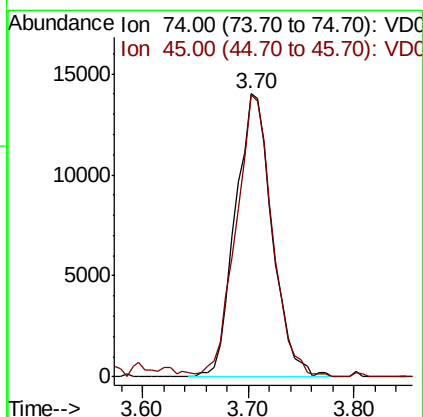
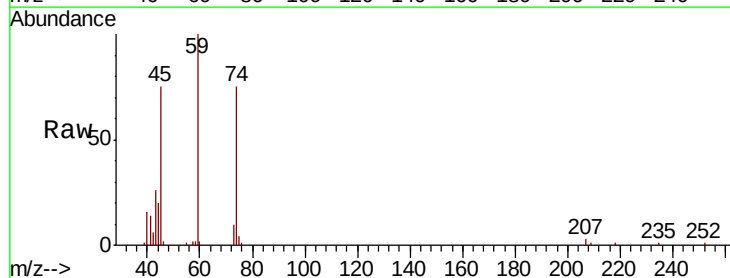
apatel
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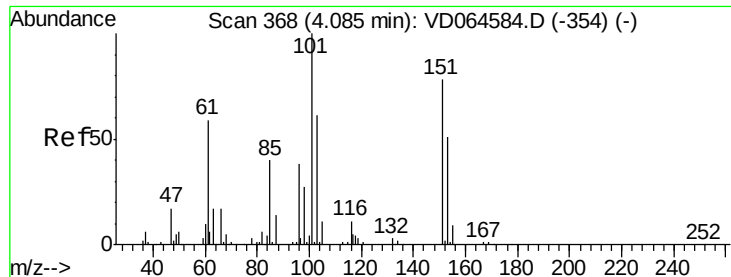


#8

Diethyl Ether
Concen: 18.624 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	33723		
45	98.7	47.5	142.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.401 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

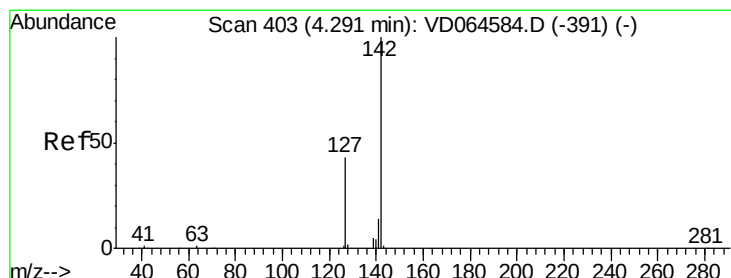
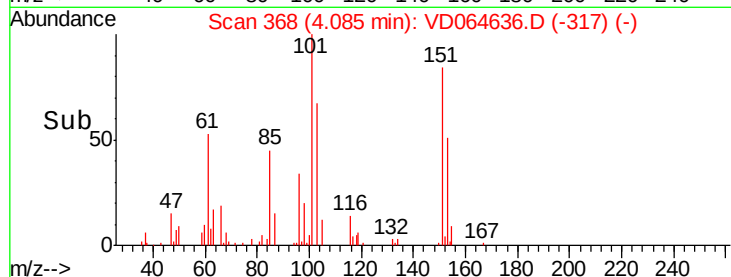
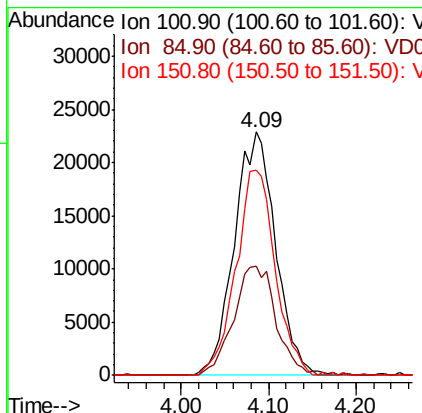
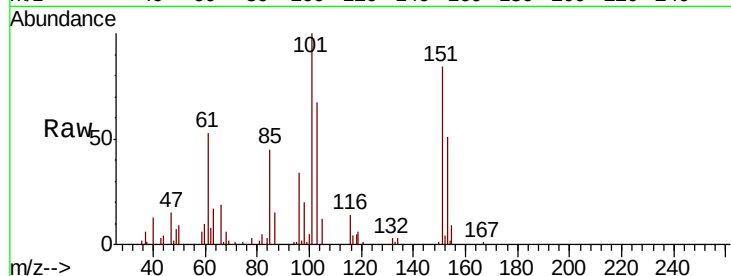
ClientSampleId :

VD1227SBS01

Tot Ion:	101	Resp:	73264
Ion Ratio	Lower	Upper	
101	100		
85	45.8	35.2	52.8
151	80.0	66.2	99.4

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#10

Methyl Iodide

Concen: 17.477 ug/l

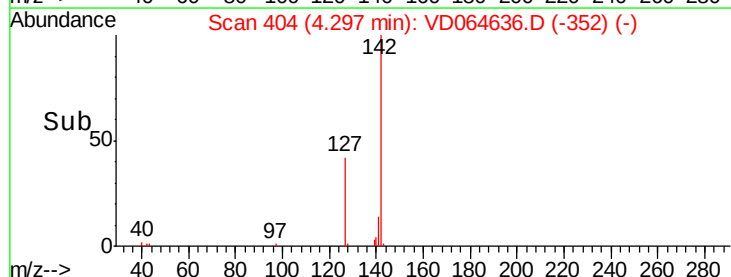
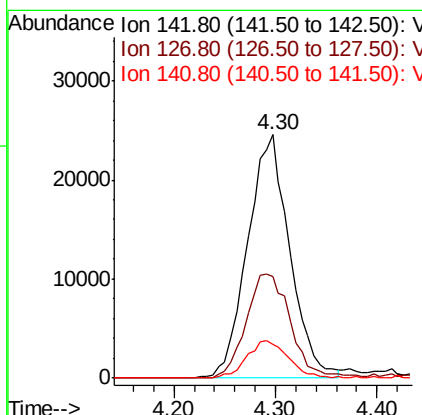
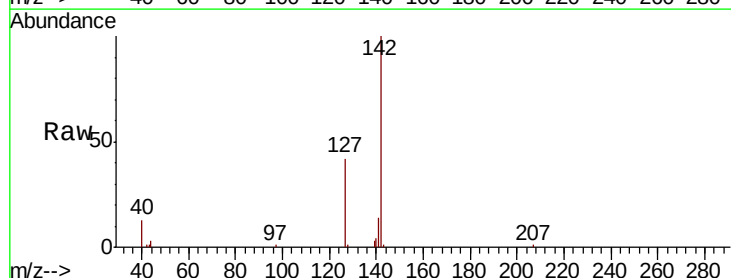
RT: 4.30 min Scan# 404

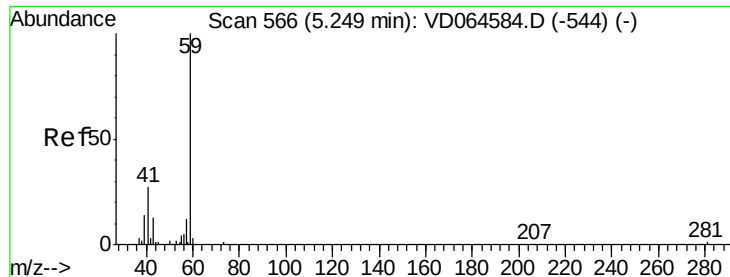
Delta R.T. 0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	142	Resp:	70893
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.2	54.4
141	15.3	11.8	17.8





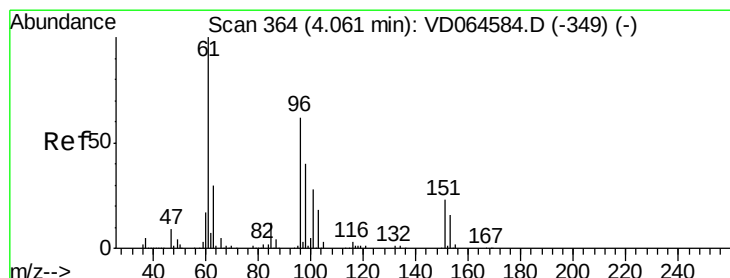
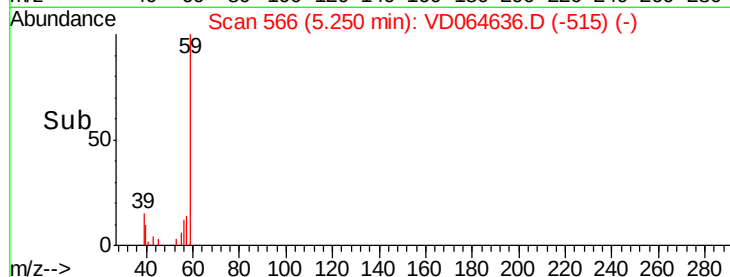
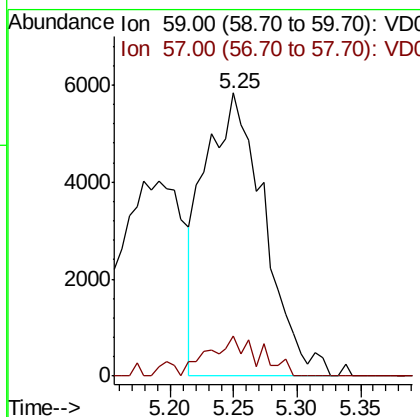
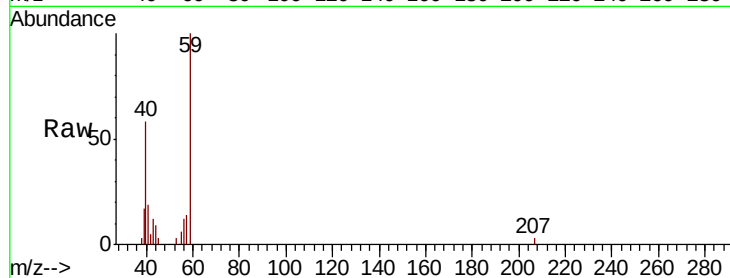
#11
Tert butyl alcohol
Concen: 92.543 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	59.00	Resp	19111
Ion Ratio	100	Lower	Upper
59	100		
57	11.8	9.3	13.9

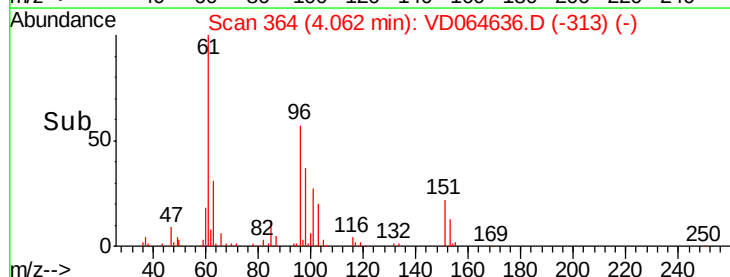
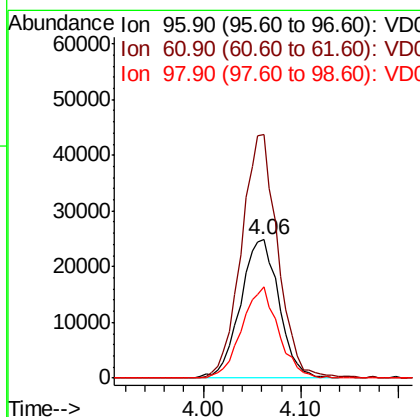
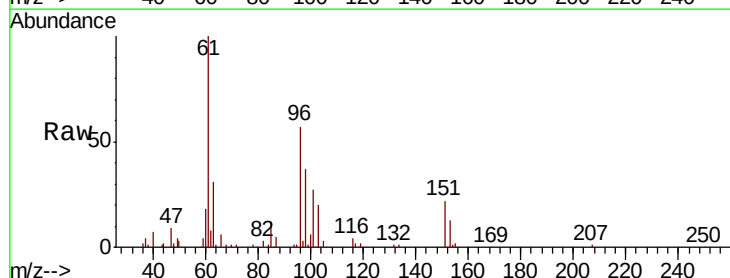
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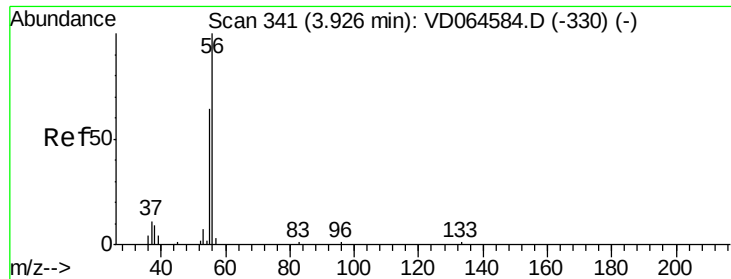
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#12
1,1-Dichloroethene
Concen: 19.062 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	96	Resp	68530
Ion Ratio	100	Lower	Upper
96	100		
61	176.2	129.4	194.0
98	65.8	51.4	77.0





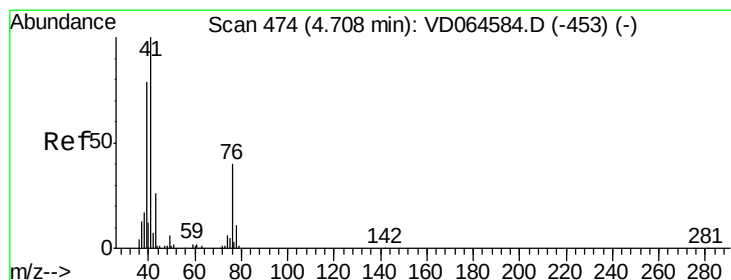
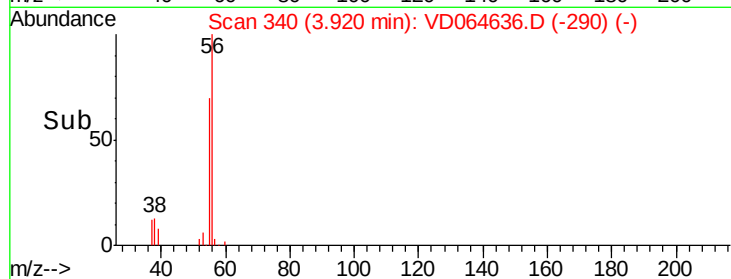
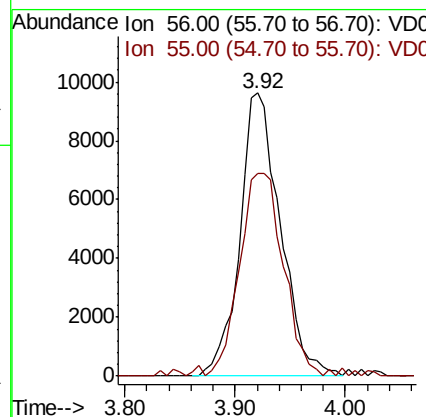
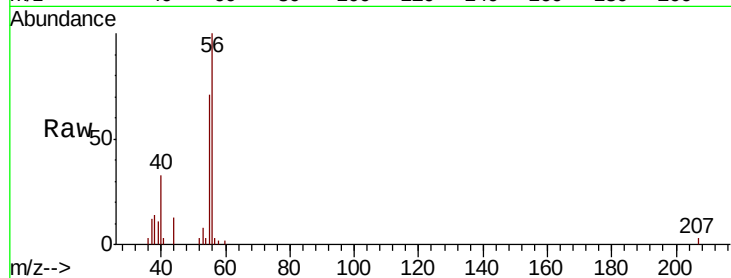
#13
 Acrolein
 Concen: 86.017 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	56	Resp	24756
Ion Ratio	100	Lower	Upper
56	100		
55	77.1	56.7	85.1

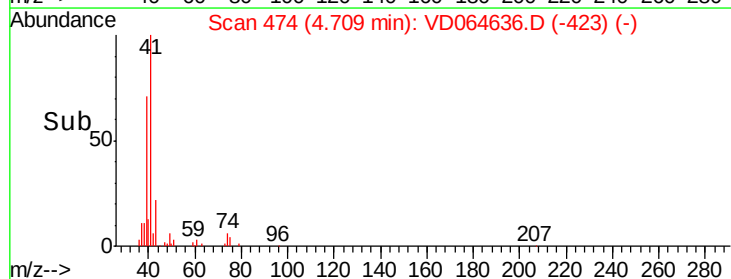
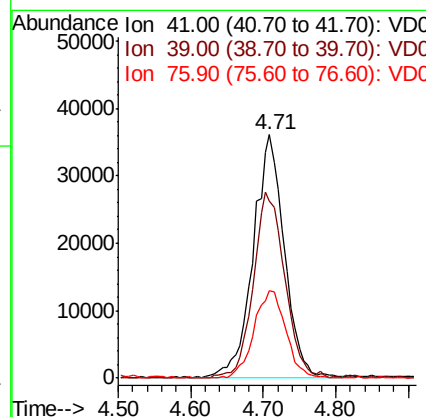
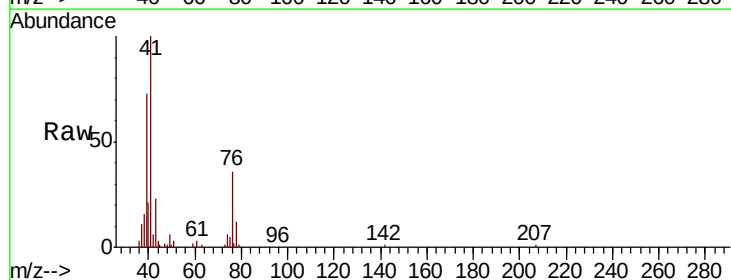
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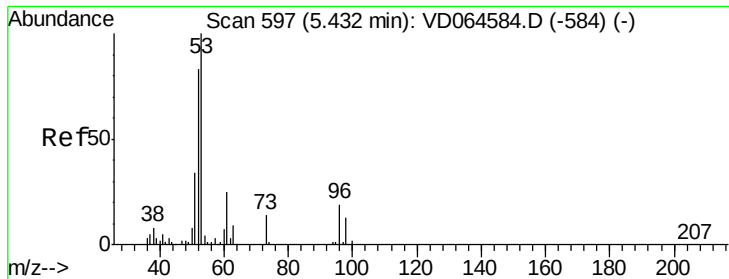
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#14
 Allyl chloride
 Concen: 19.255 ug/l
 RT: 4.71 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	41	Resp	107929
Ion Ratio	100	Lower	Upper
41	100		
39	76.8	62.3	93.5
76	36.7	29.7	44.5





#15

Acrylonitrile

Concen: 94.565 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

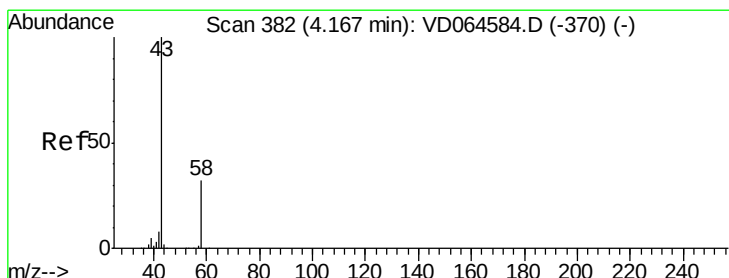
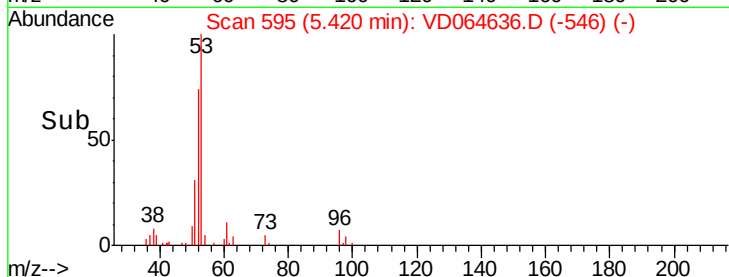
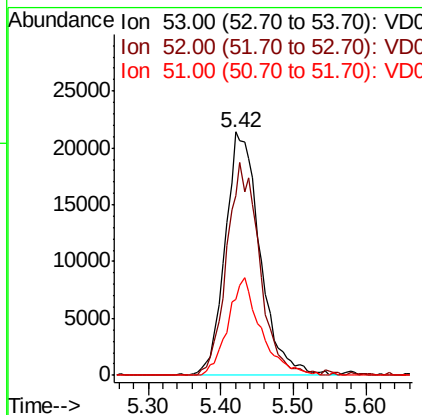
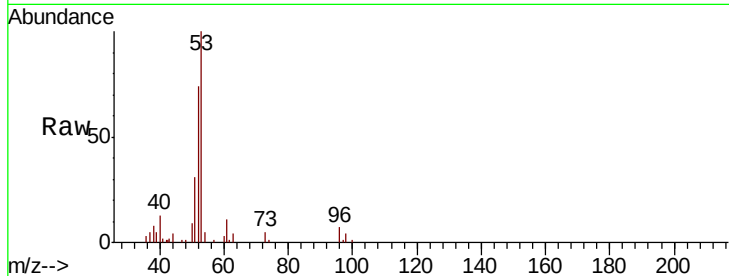
ClientSampleId :

VD1227SBS01

Tot Ion:	53	Resp:	71322
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	37.8	30.1	45.1

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#16

Acetone

Concen: 88.562 ug/l

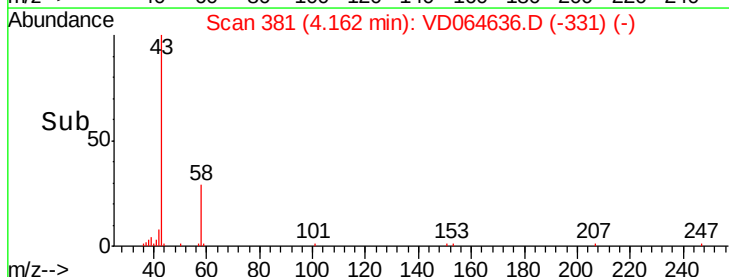
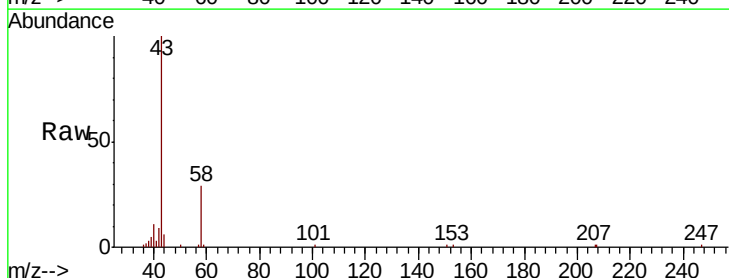
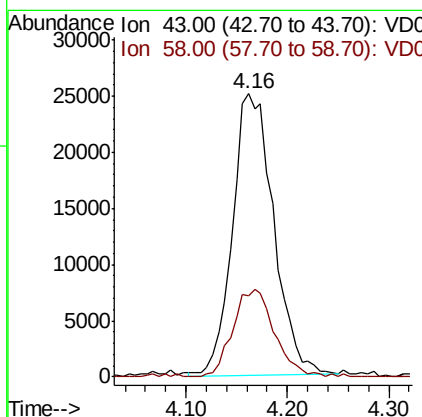
RT: 4.16 min Scan# 381

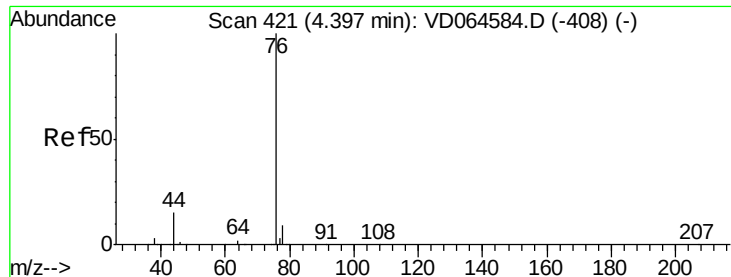
Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	43	Resp:	70266
Ion	Ratio	Lower	Upper
43	100		
58	29.0	25.8	38.6





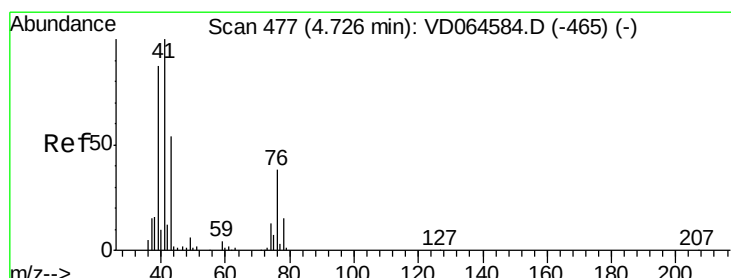
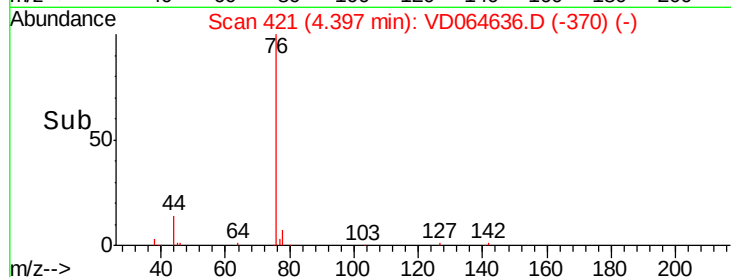
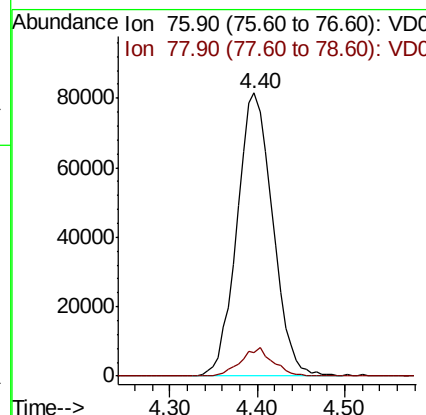
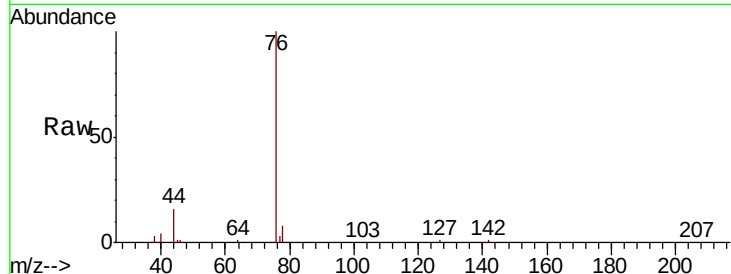
#17
Carbon Disulfide
Concen: 19.398 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

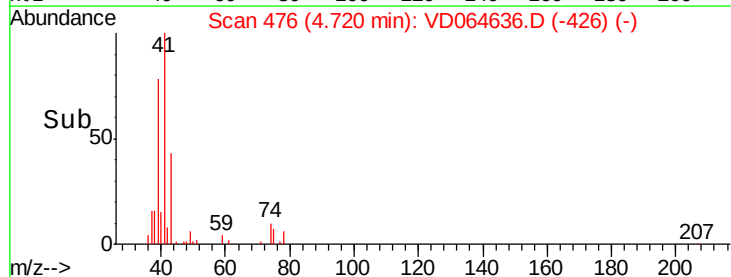
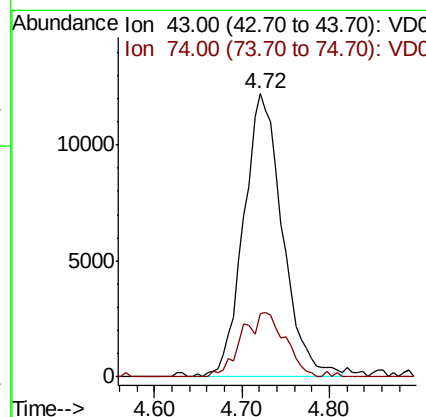
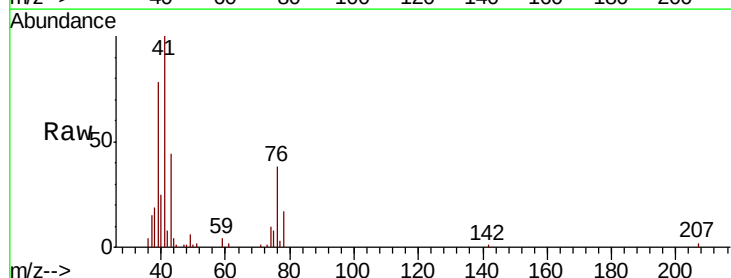
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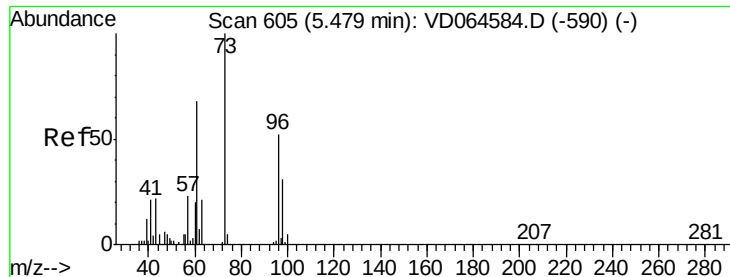
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#18
Methyl Acetate
Concen: 18.265 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.2	28.8





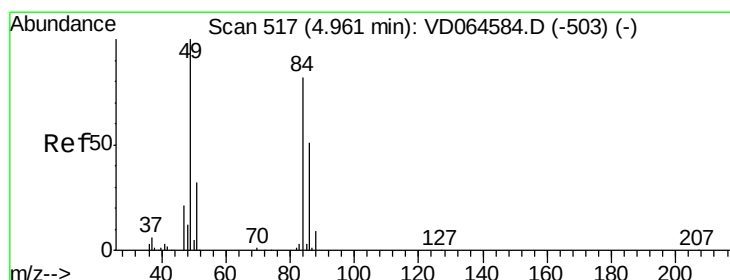
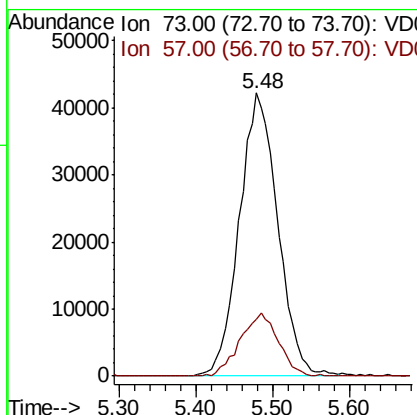
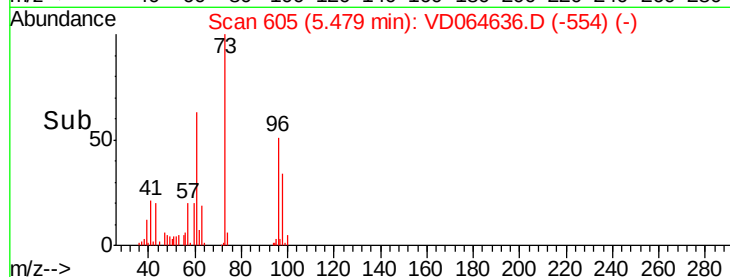
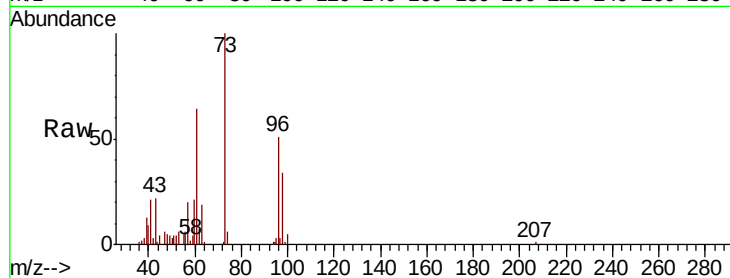
#19
Methyl tert-butyl Ether
Concen: 18.425 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	73	Resp	147132
Ion Ratio	Lower	Upper	
73	100		
57	20.1	18.6	27.8

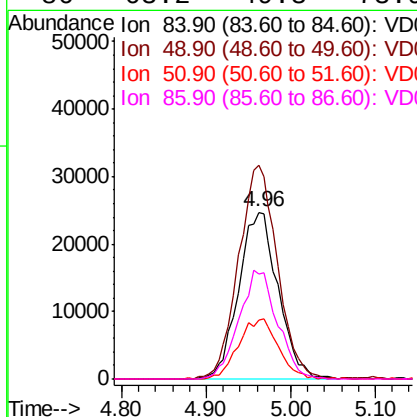
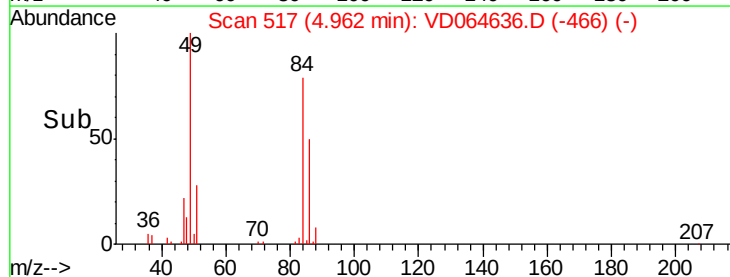
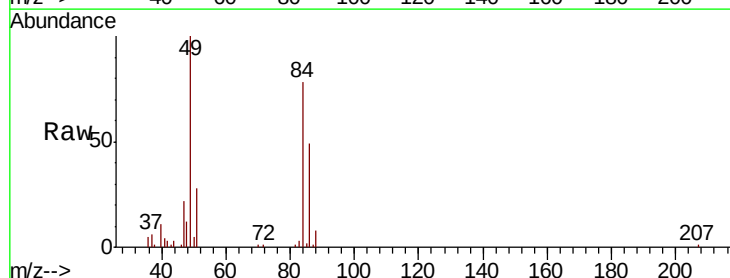
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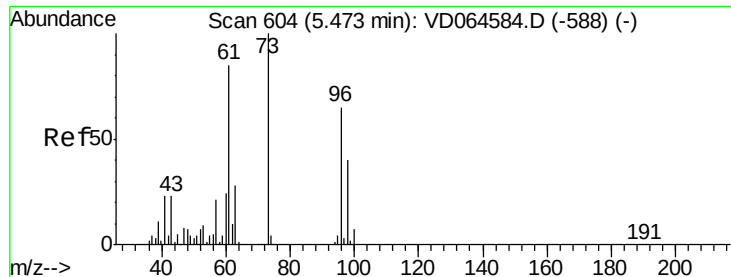
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#20
Methylene Chloride
Concen: 18.740 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	84	Resp	80323
Ion Ratio	Lower	Upper	
84	100		
49	127.9	97.2	145.8
51	35.6	31.4	47.0
86	63.2	49.3	73.9





#21

trans-1,2-Dichloroethene

Concen: 19.425 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

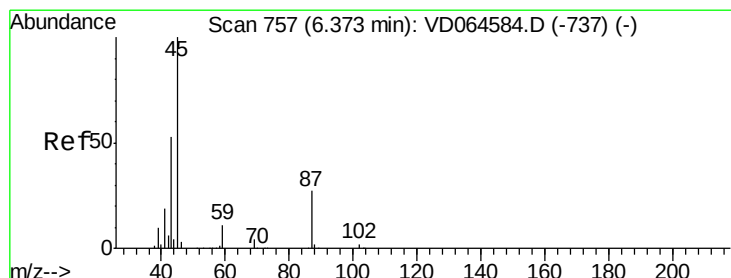
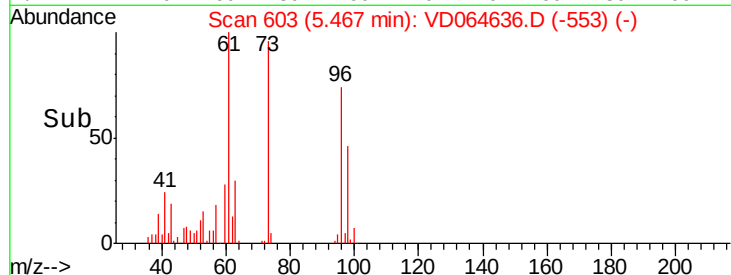
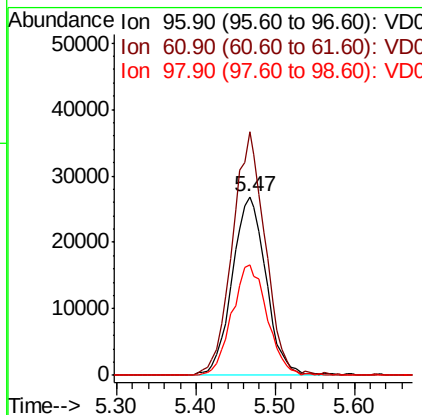
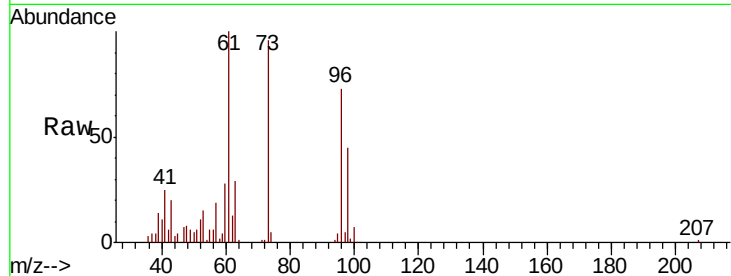
ClientSampleId :

VD1227SBS01

Tot Ion:	96	Resp:	79532
Ion	Ratio	Lower	Upper
96	100		
61	136.4	104.7	157.1
98	62.0	49.4	74.2

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#22

Diisopropyl ether

Concen: 19.231 ug/l

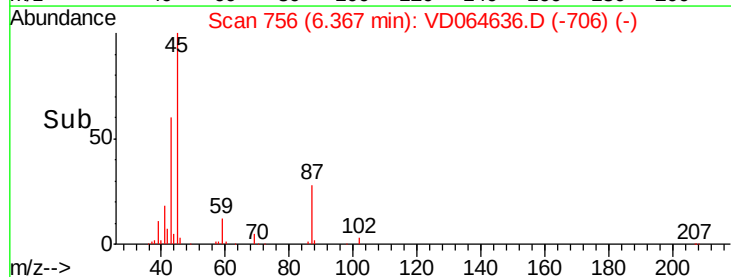
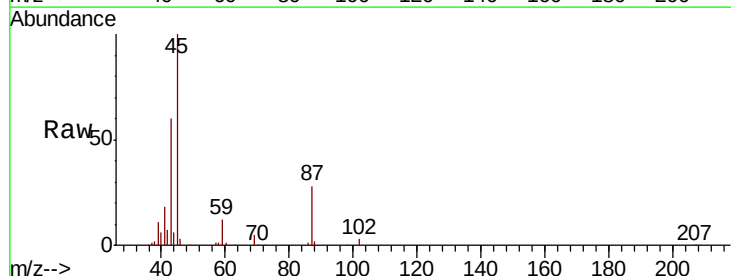
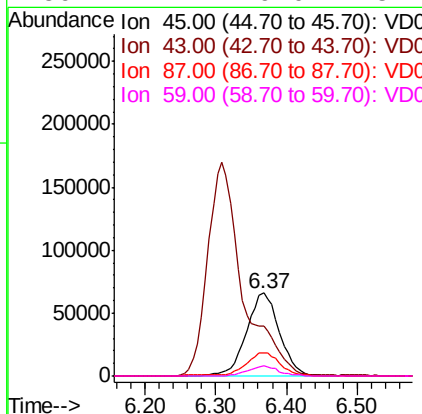
RT: 6.37 min Scan# 756

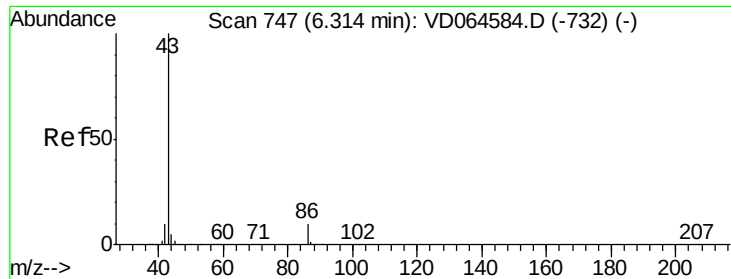
Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	45	Resp:	215011
Ion	Ratio	Lower	Upper
45	100		
43	59.6	43.2	64.8
87	27.4	21.9	32.9
59	12.2	9.0	13.4





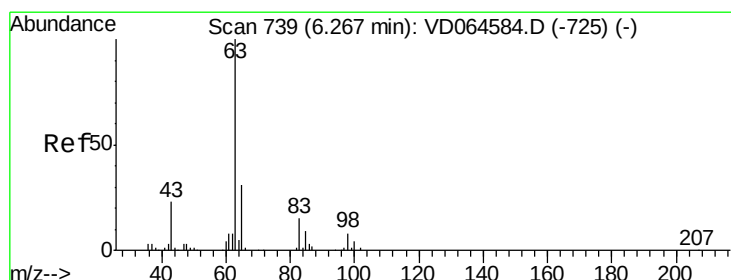
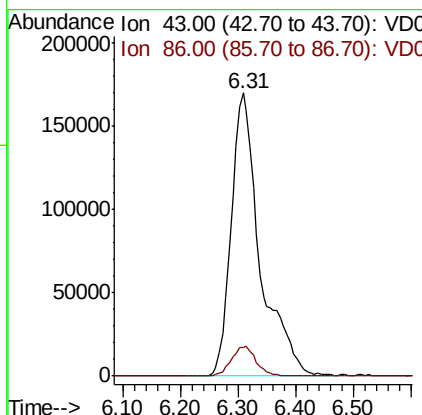
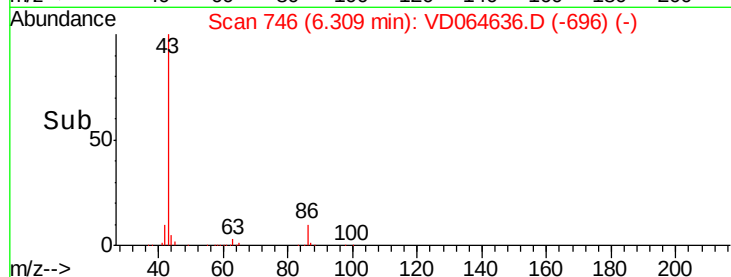
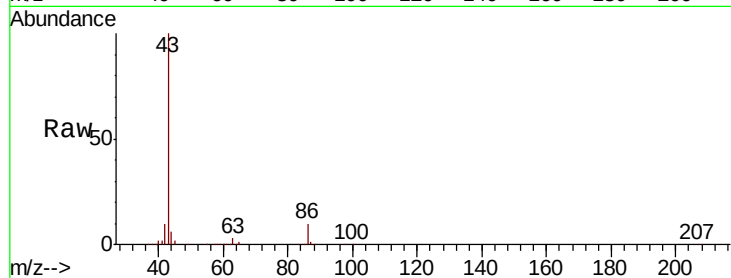
#23
 Vinyl Acetate
 Concen: 92.828 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	588727		
86	10.2		8.3	12.5

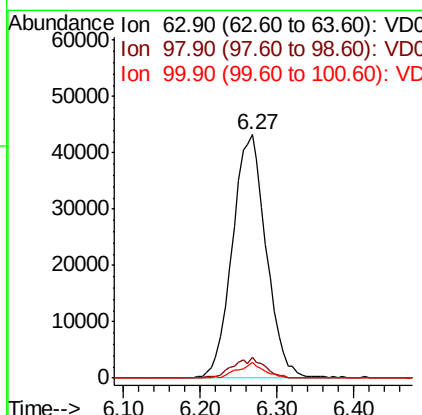
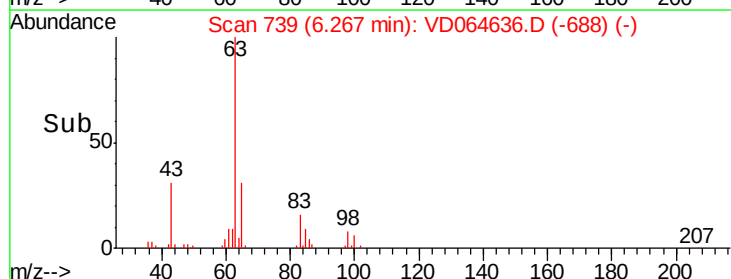
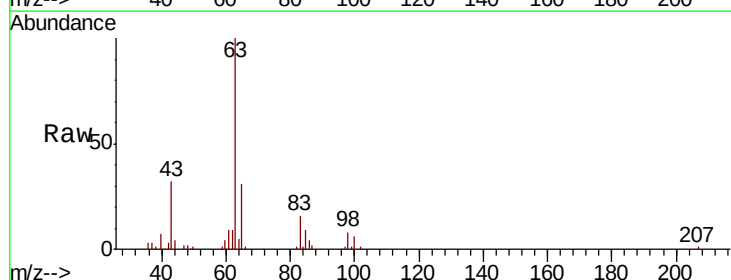
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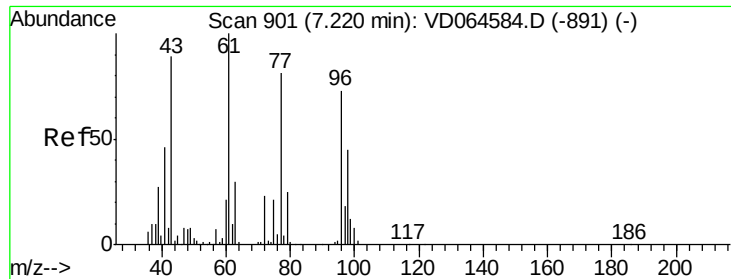
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#24
 1,1-Dichloroethane
 Concen: 19.812 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	132976		
98	8.3		4.1	12.3
100	6.5		2.2	6.6





#25

2-Butanone

Concen: 90.902 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 43 Resp: 90036

Ion Ratio Lower Upper

43 100

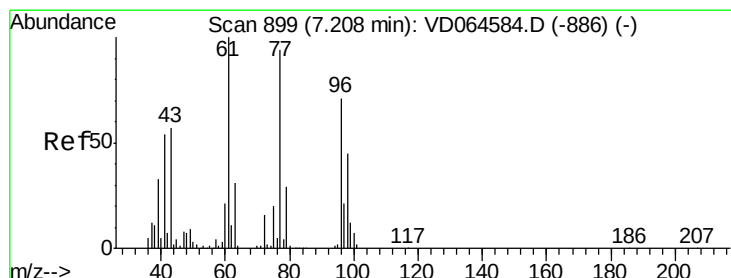
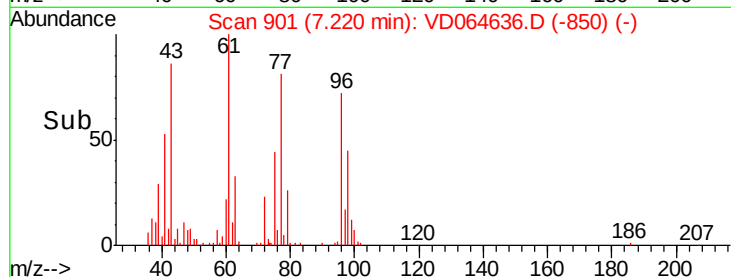
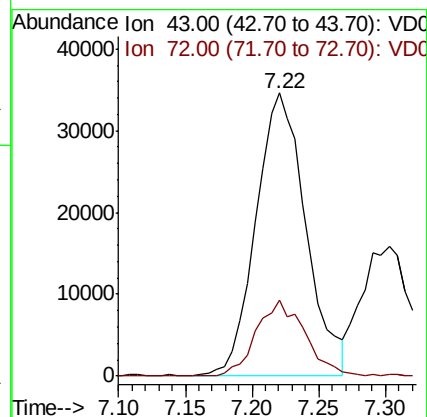
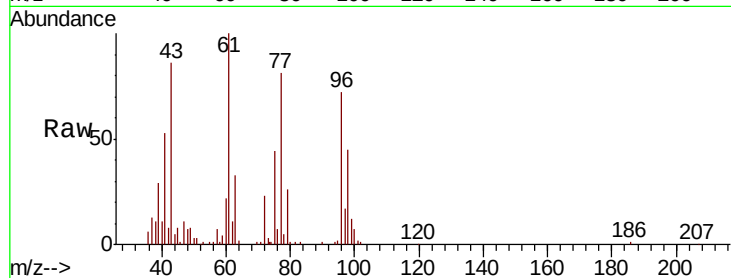
72 26.8 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 19.118 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064636.D

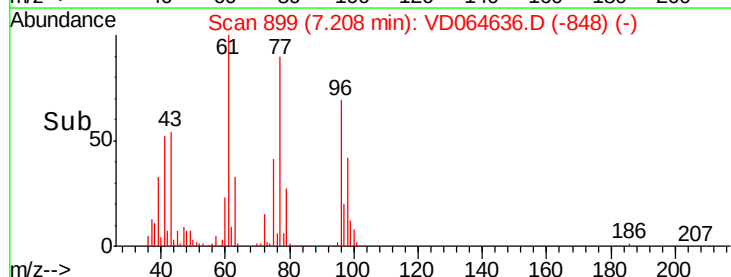
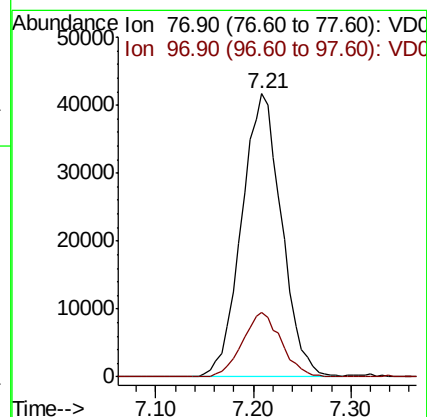
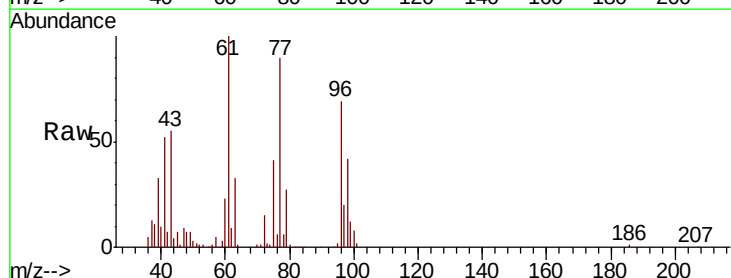
Acq: 27 Dec 2019 11:05

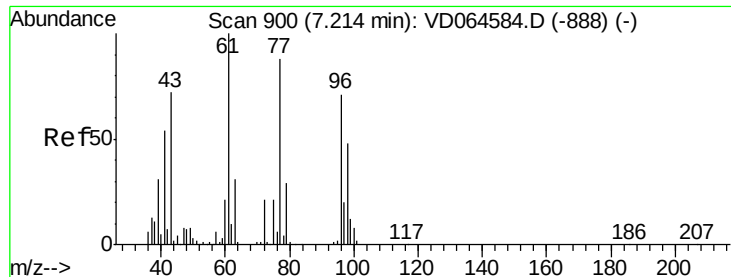
Tgt Ion: 77 Resp: 119303

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6





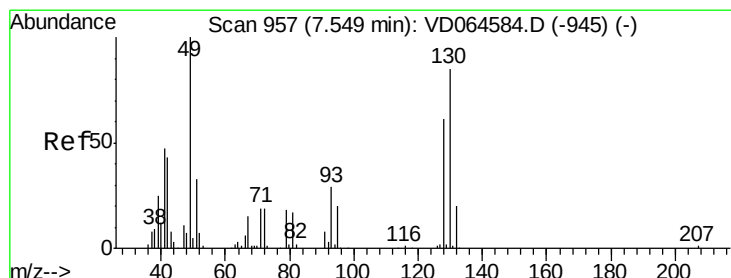
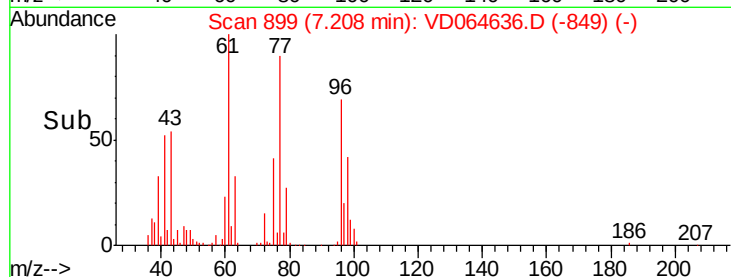
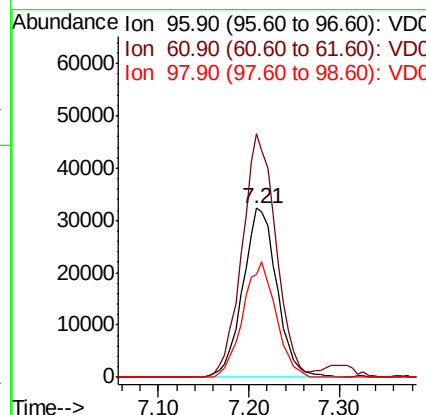
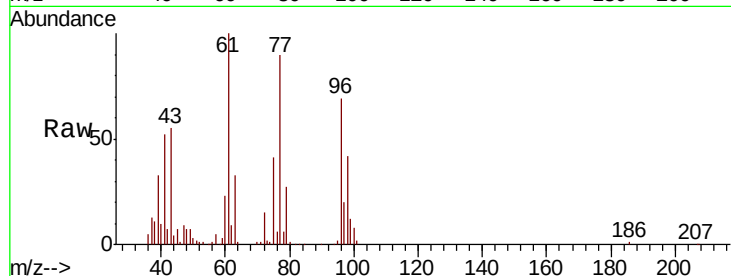
#27
 cis-1,2-Dichloroethene
 Concen: 19.047 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	282.6
98	66.2	0.0	130.8

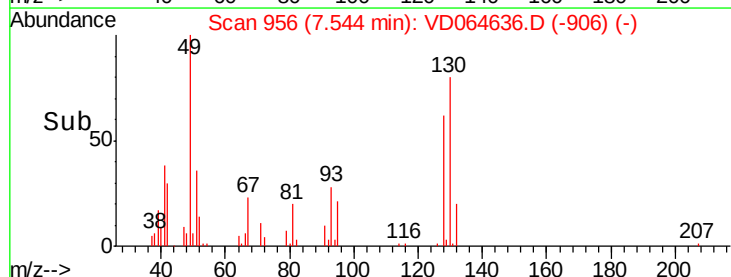
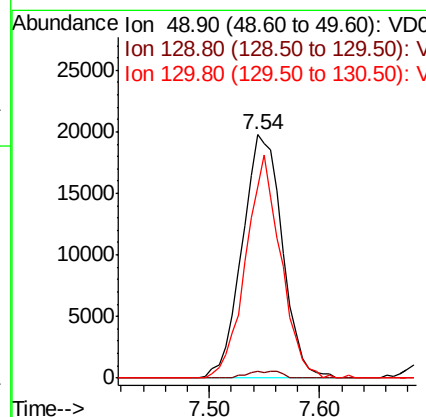
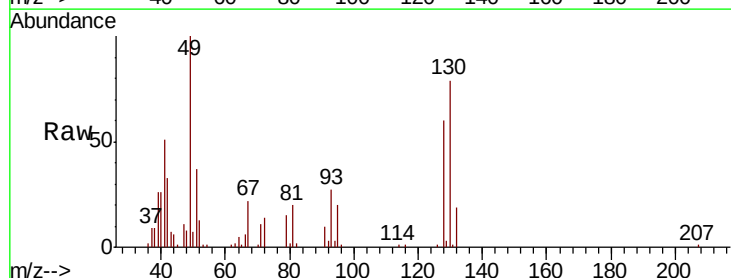
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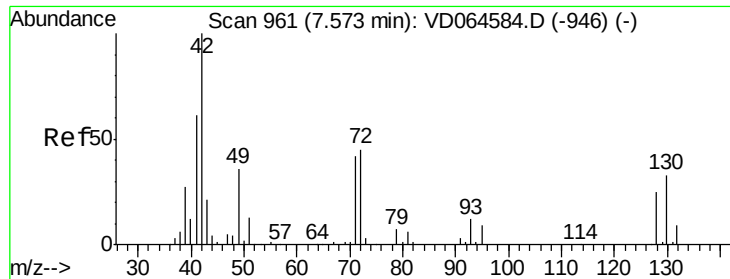
apatel
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#28
 Bromochloromethane
 Concen: 19.325 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	80.2	65.0	97.6





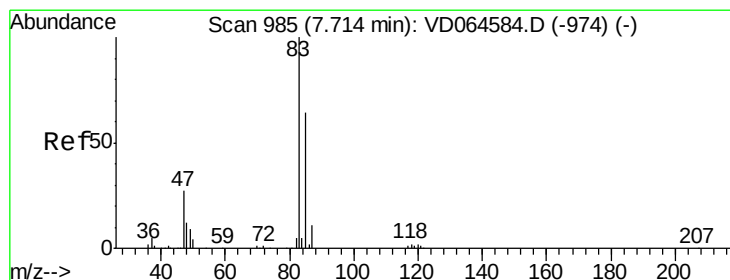
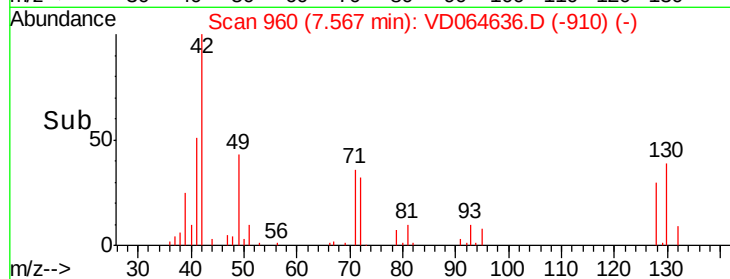
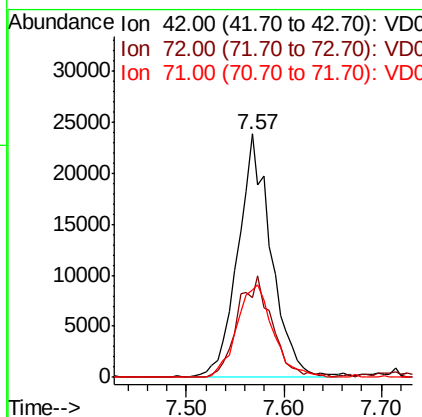
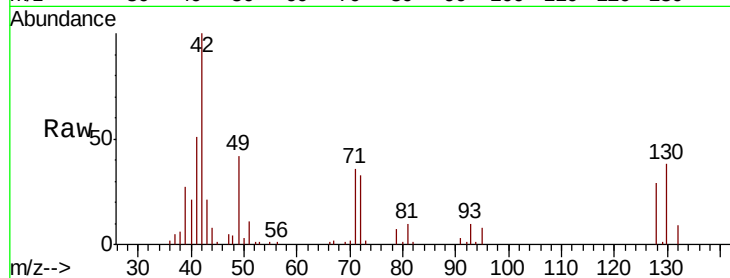
#29
Tetrahydrofuran
Concen: 91.957 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.0	52.4
71	41.4	32.9	49.3

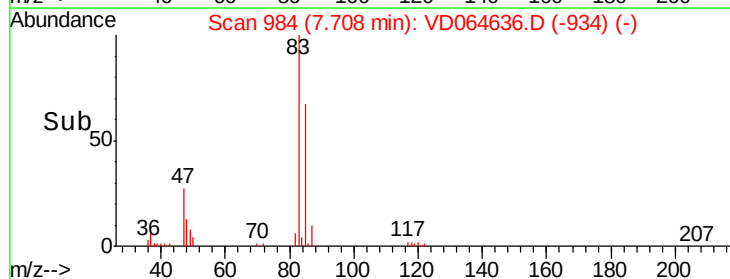
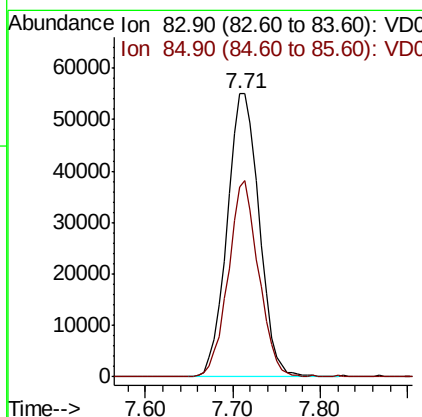
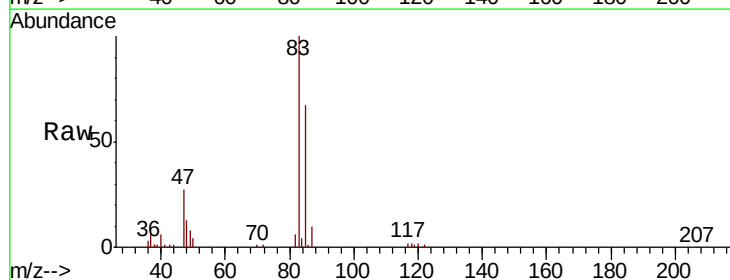
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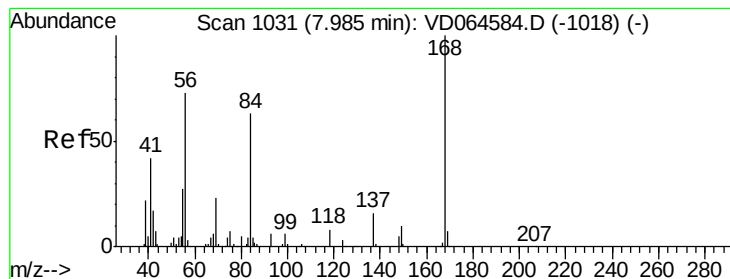
apatel
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#30
Chloroform
Concen: 19.484 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.1	76.7





#31

Cyclohexane

Concen: 19.001 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

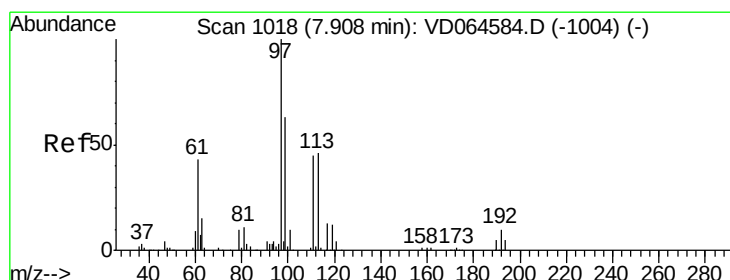
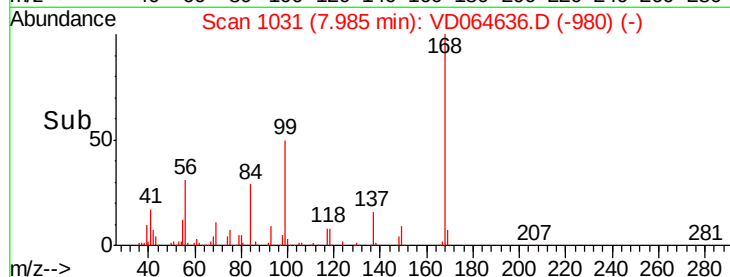
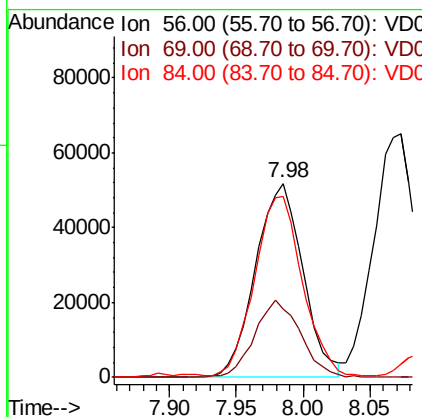
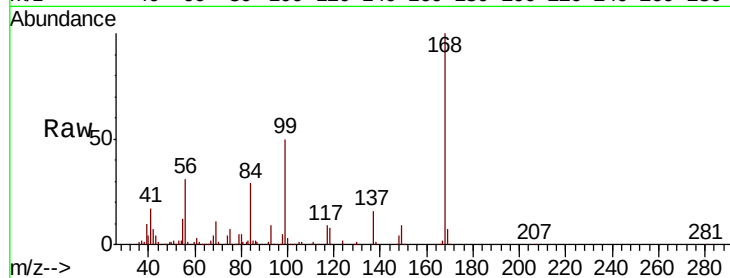
ClientSampleId :

VD1227SBS01

Tot Ion:	56	Resp:	127661
Ion	Ratio	Lower	Upper
56	100		
69	35.4	24.7	37.1
84	91.6	69.4	104.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.718 ug/l

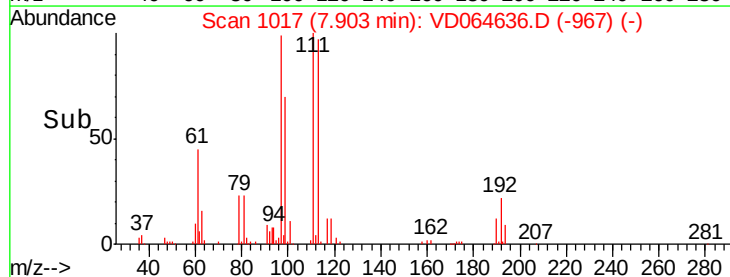
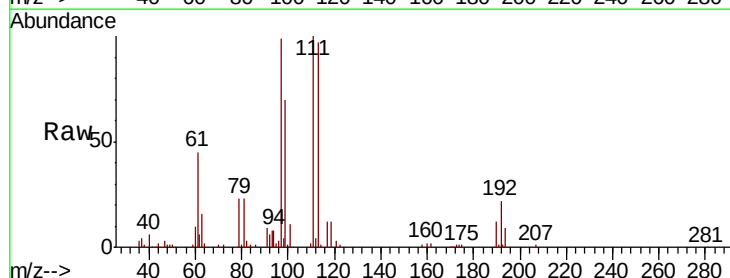
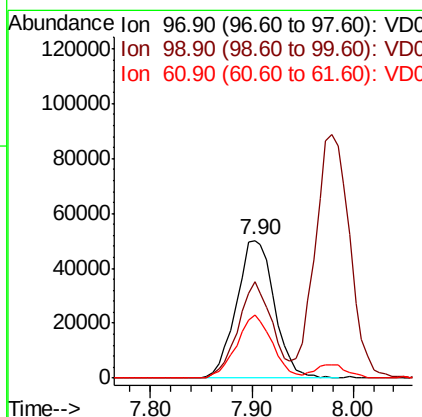
RT: 7.90 min Scan# 1017

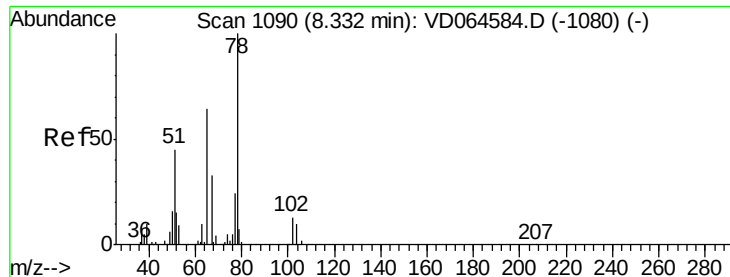
Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	97	Resp:	130416
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	42.9	35.4	53.0





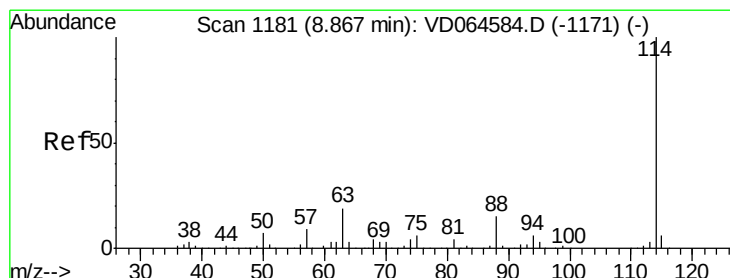
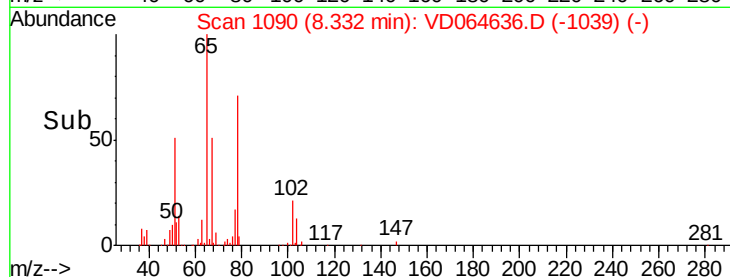
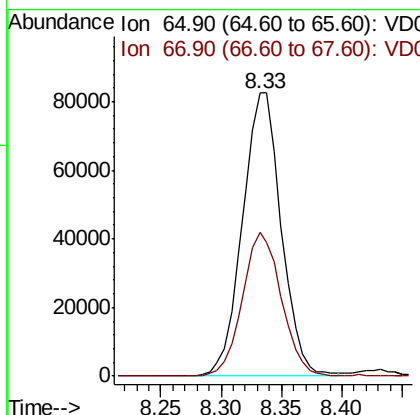
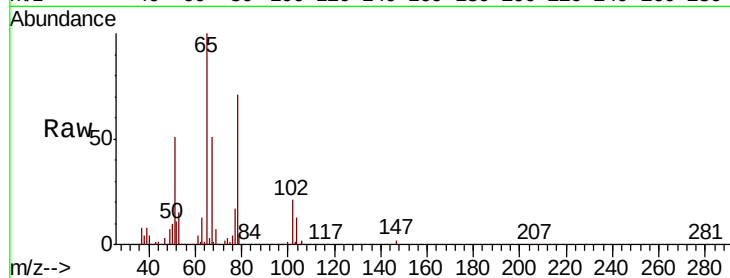
#33
 1,2-Dichloroethane-d4
 Concen: 51.142 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.2

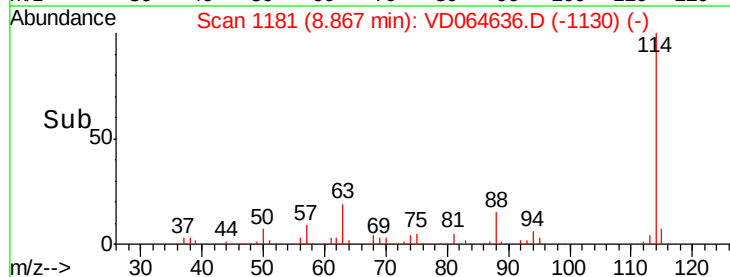
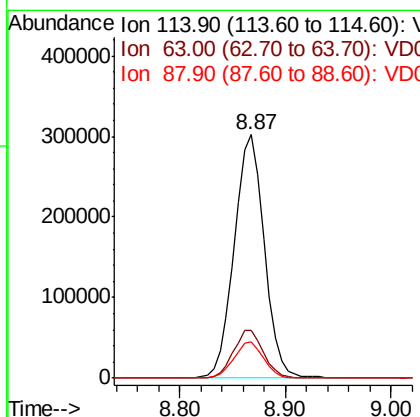
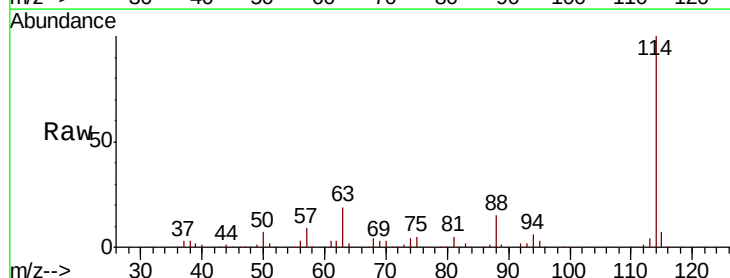
Manual Integrations
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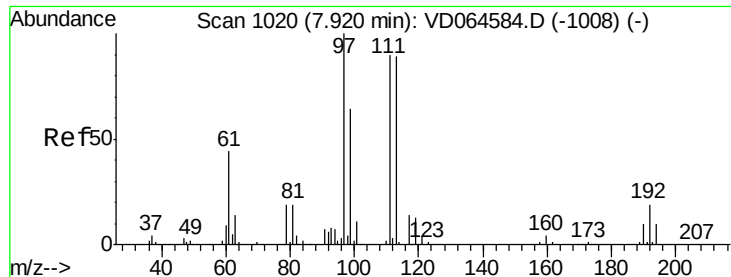
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.0
88	14.9	0.0	29.2





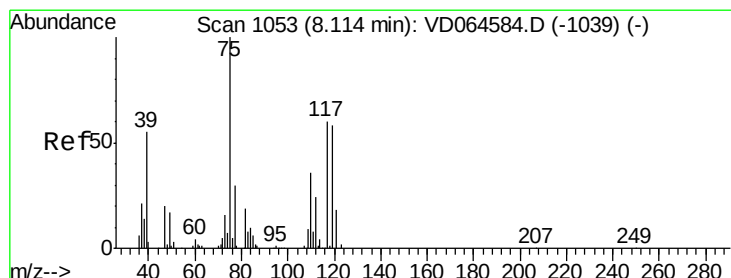
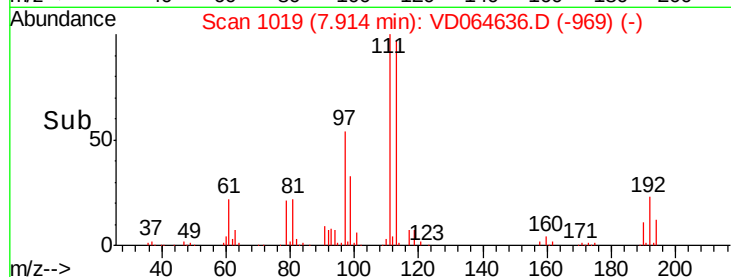
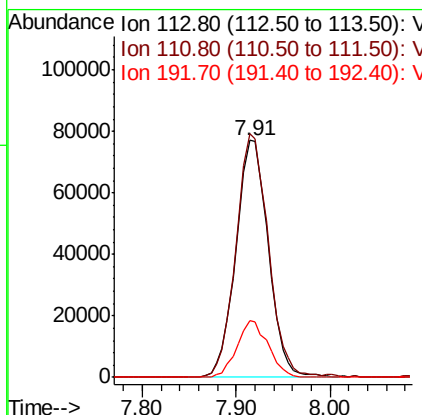
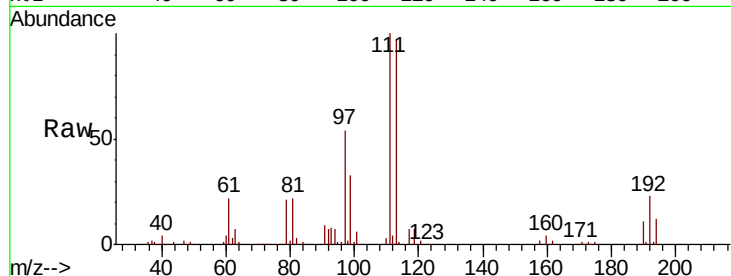
#35
 Dibromofluoromethane
 Concen: 50.679 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	184952		
111	102.7	80.6	121.0	
192	23.1	17.9	26.9	

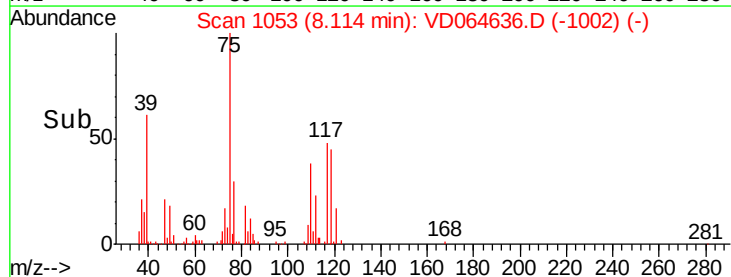
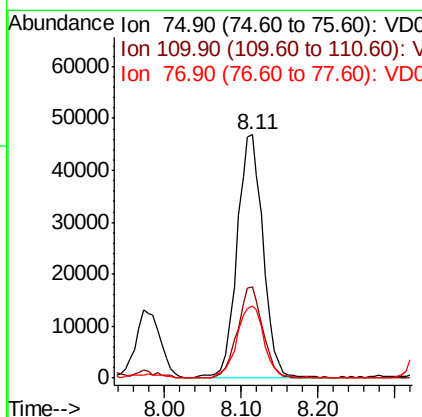
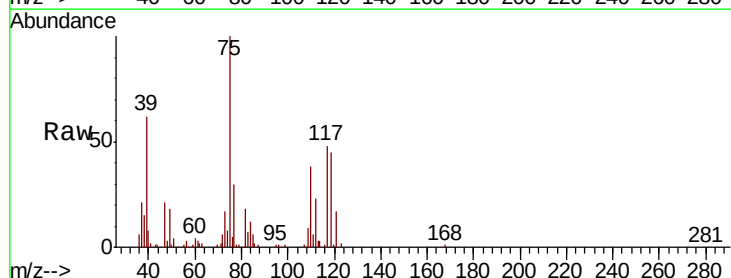
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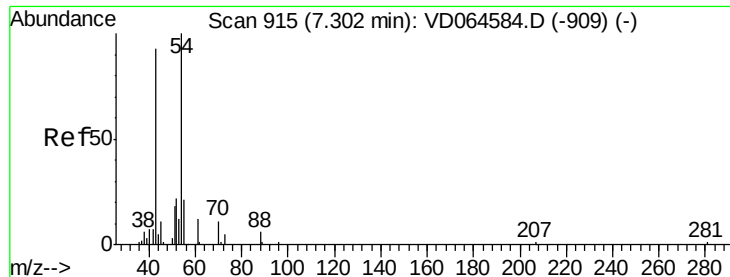
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#36
 1,1-Dichloropropene
 Concen: 19.301 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	110506		
110	36.3	18.1	54.1	
77	31.1	24.2	36.4	





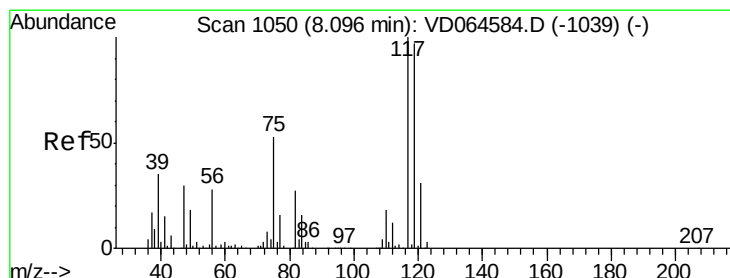
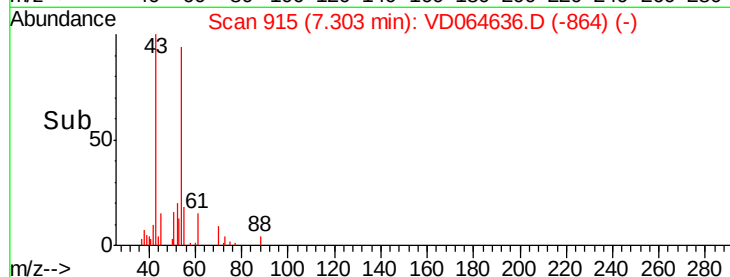
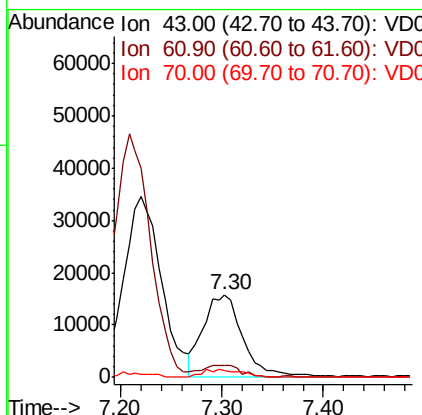
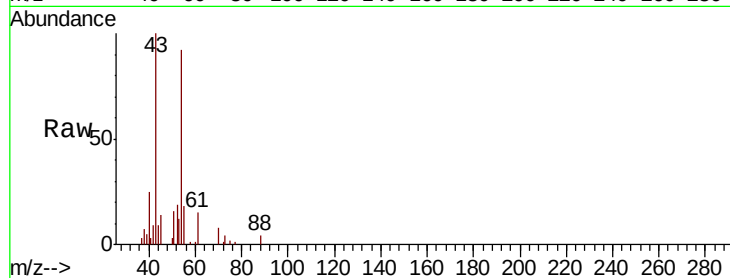
#37
Ethyl Acetate
Concen: 18.654 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.3	15.5
70	9.3	7.6	11.4

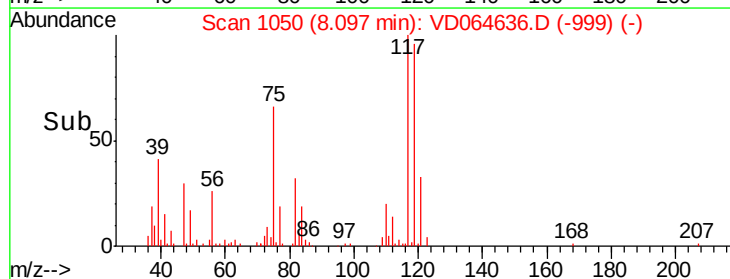
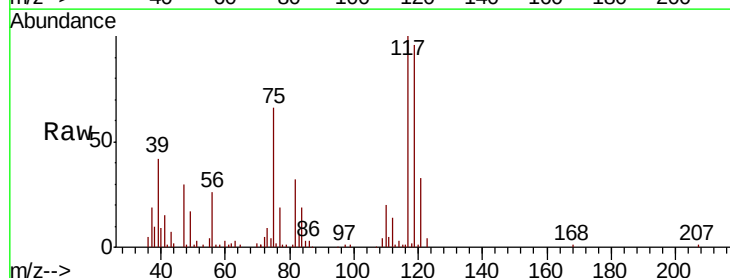
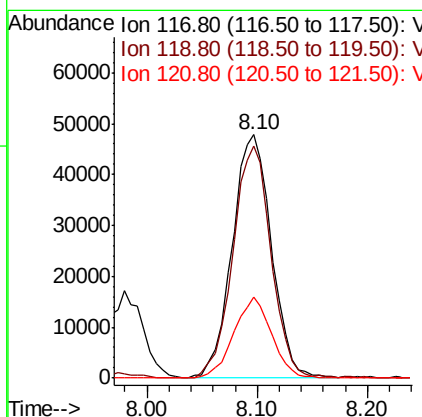
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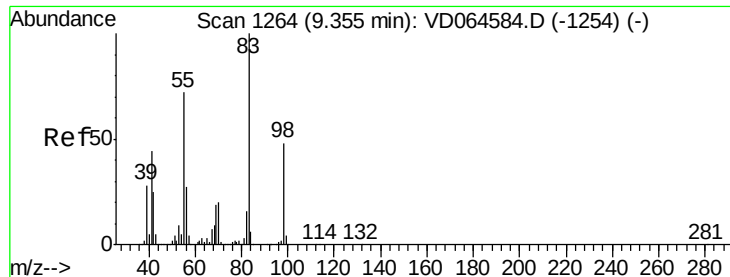
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#38
Carbon Tetrachloride
Concen: 19.558 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.3	115.9
121	33.0	25.0	37.6





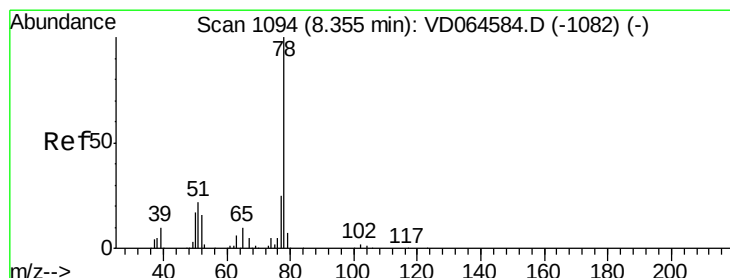
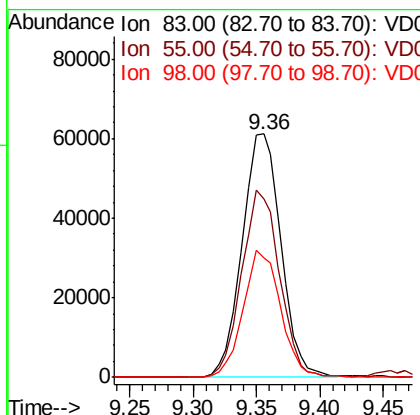
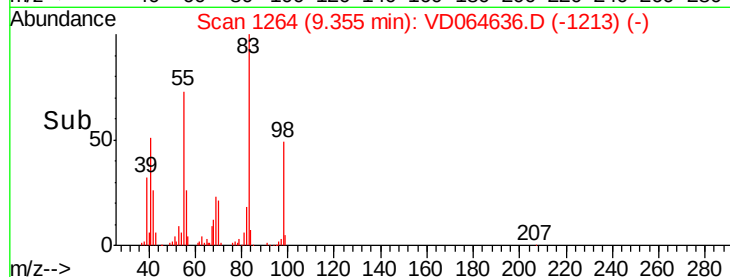
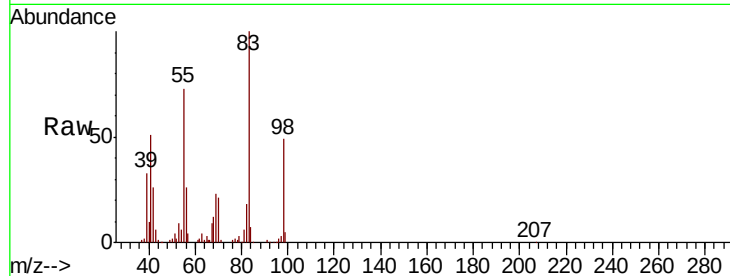
#39
Methylvlcyclohexane
Concen: 18.873 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.8	86.6
98	49.3	38.7	58.1

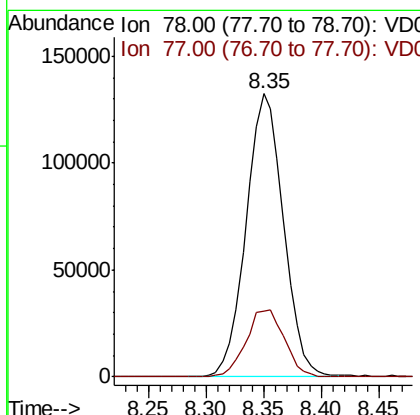
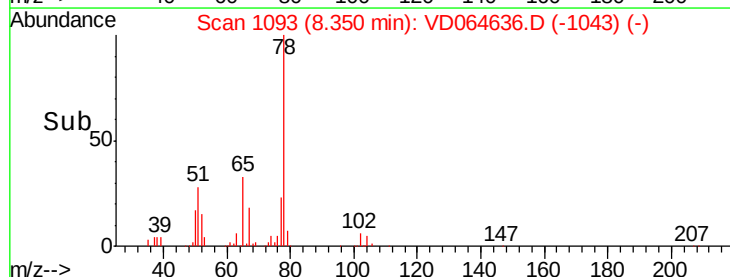
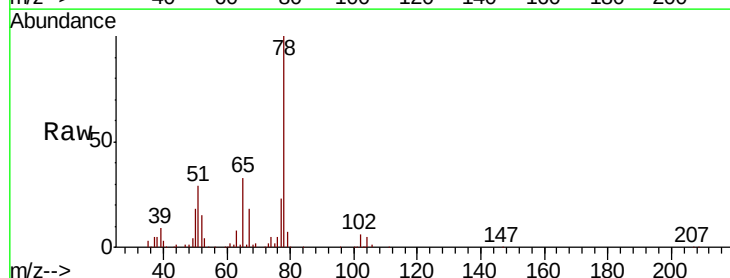
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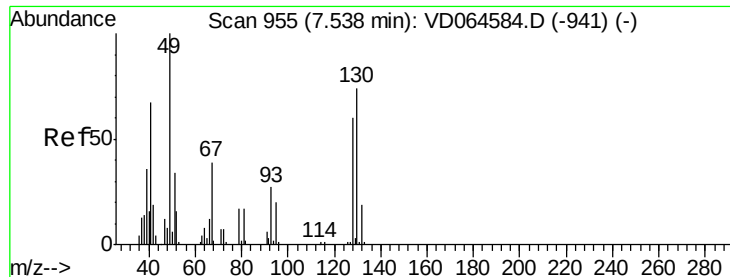
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#40
Benzene
Concen: 19.088 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.9	29.9





#41

Methacrylonitrile

Concen: 18.677 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 41 Resp: 24373

Ion Ratio Lower Upper

41 100

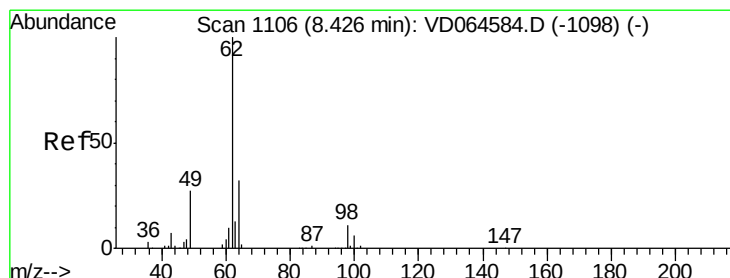
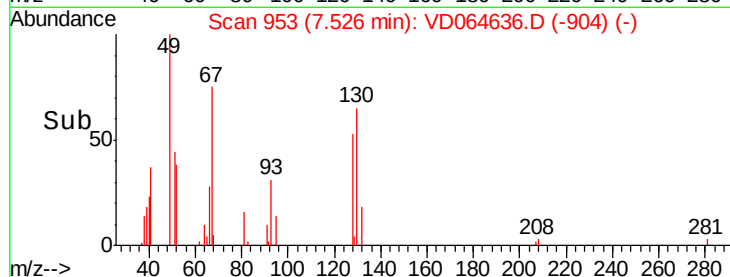
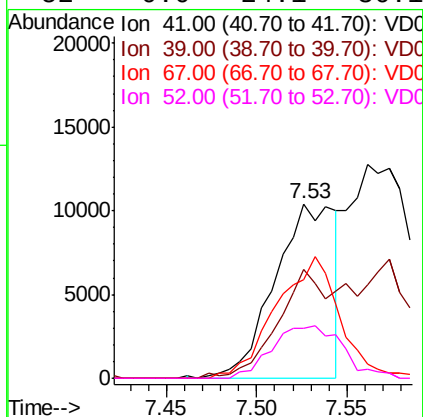
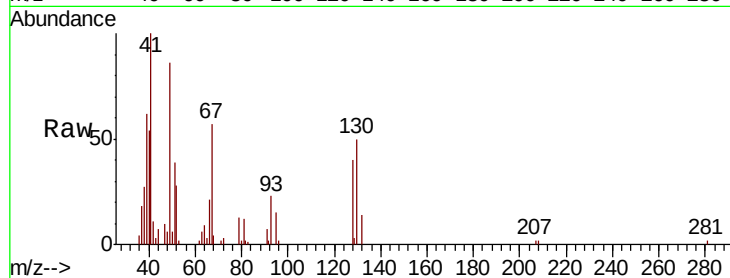
39 54.0 46.7 70.1

67 0.0 52.5 78.7#

52 0.0 24.1 36.1#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.953 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VD064636.D

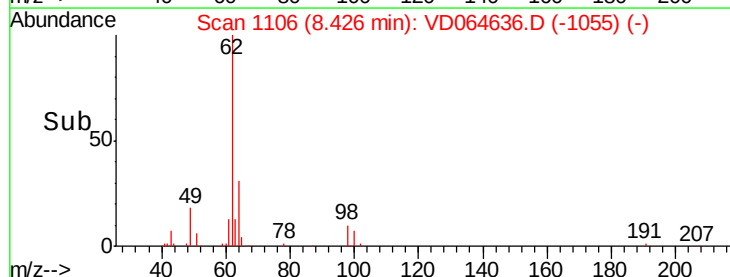
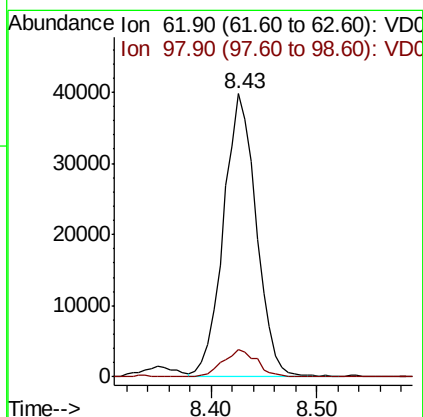
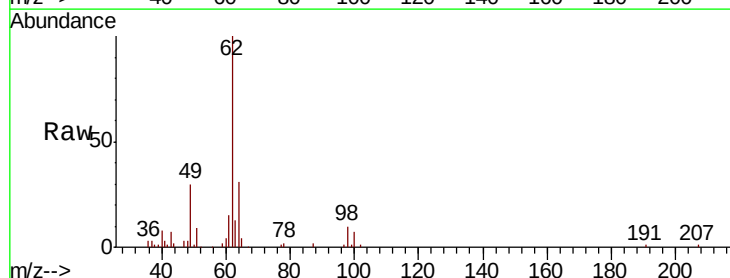
Acq: 27 Dec 2019 11:05

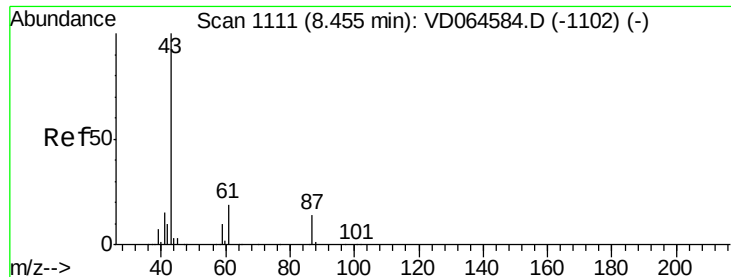
Tgt Ion: 62 Resp: 85601

Ion Ratio Lower Upper

62 100

98 9.8 0.0 20.0





#43

Isopropyl Acetate

Concen: 17.973 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

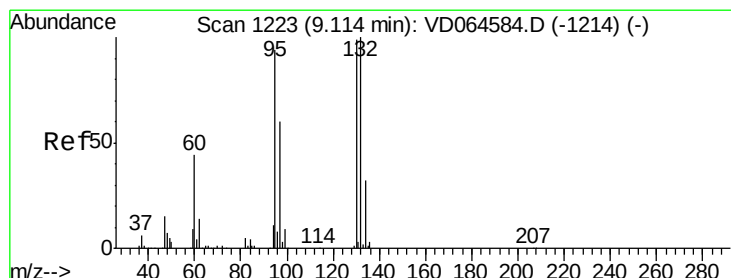
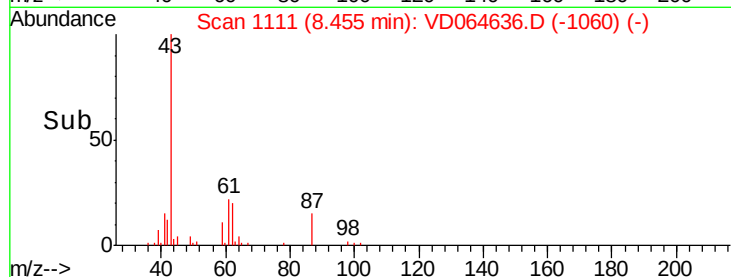
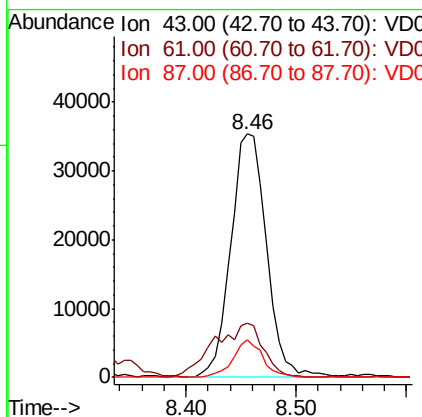
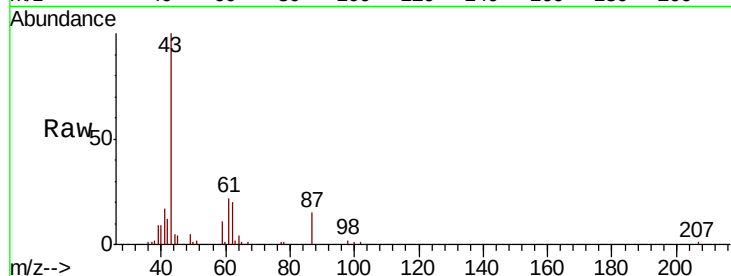
ClientSampleId :

VD1227SBS01

Tot Ion:	43	Resp:	80463
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.7	35.5
87	12.9	10.5	15.7

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#44

Trichloroethene

Concen: 18.784 ug/l

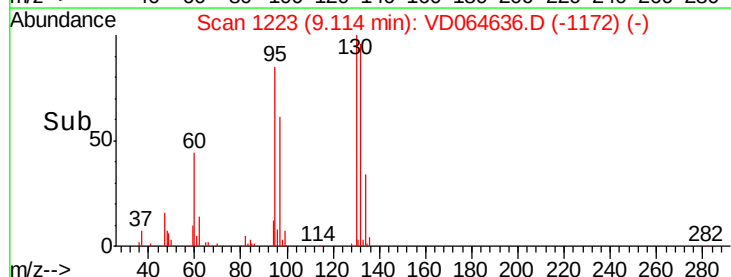
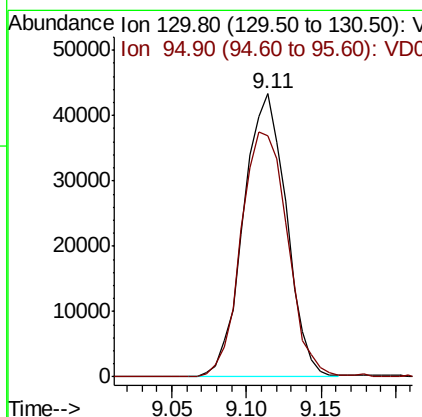
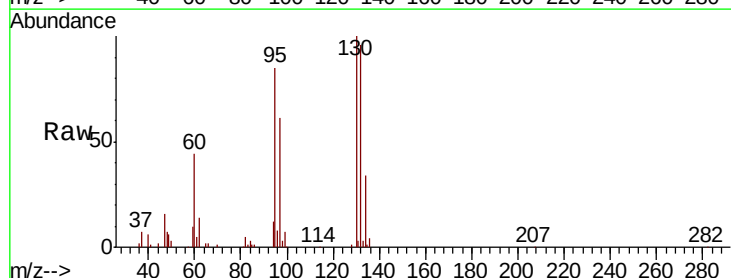
RT: 9.11 min Scan# 1223

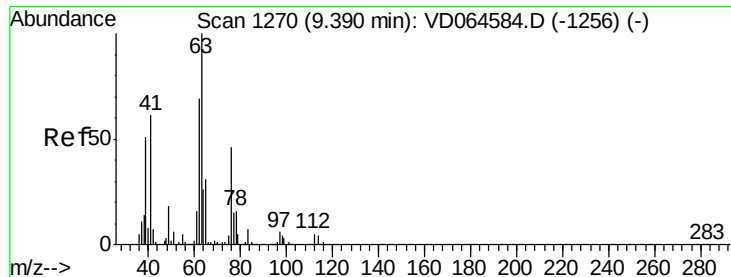
Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	130	Resp:	86248
Ion	Ratio	Lower	Upper
130	100		
95	85.4	0.0	190.2





#45

1,2-Dichloropropane

Concen: 19.605 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 63 Resp: 73162

Ion Ratio Lower Upper

63 100

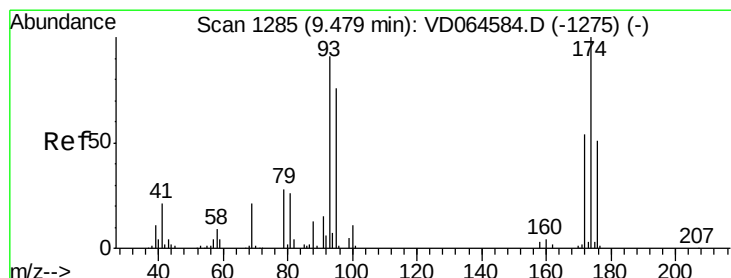
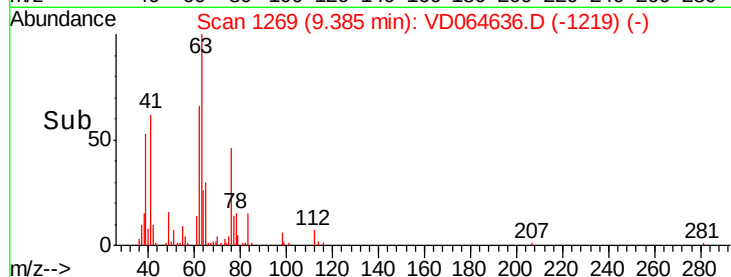
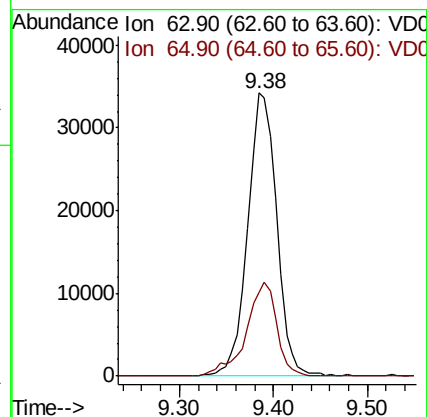
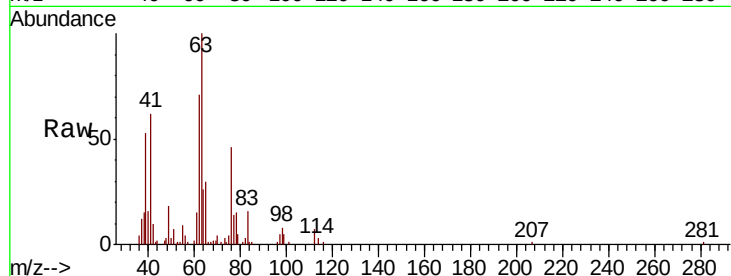
65 29.6 25.2 37.8

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#46

Dibromomethane

Concen: 19.075 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

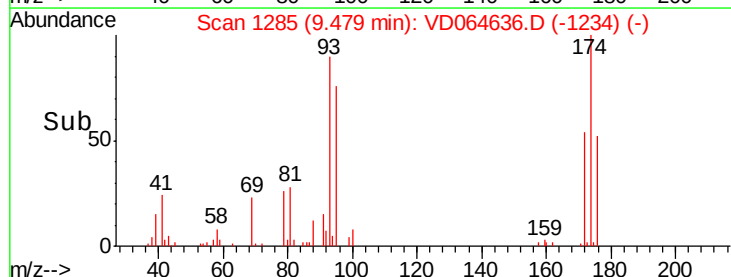
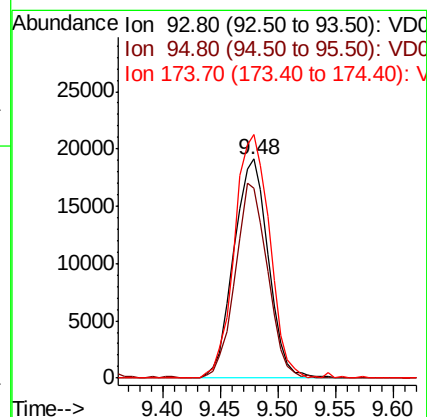
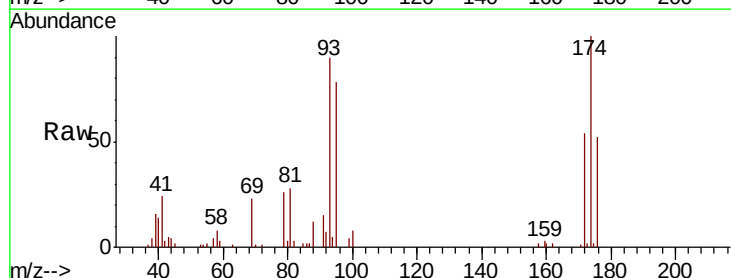
Tgt Ion: 93 Resp: 39688

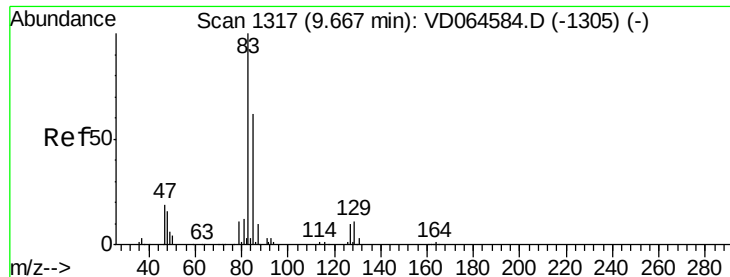
Ion Ratio Lower Upper

93 100

95 83.1 64.6 97.0

174 112.6 88.1 132.1





#47

Bromodichloromethane

Concen: 18.904 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

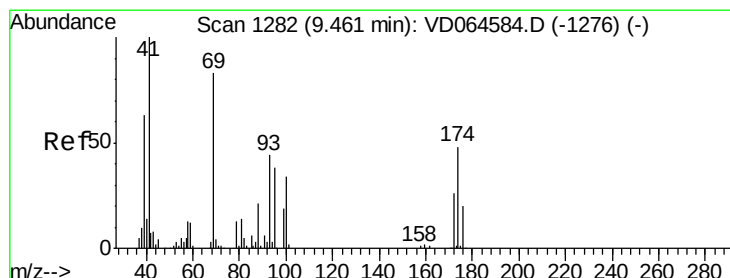
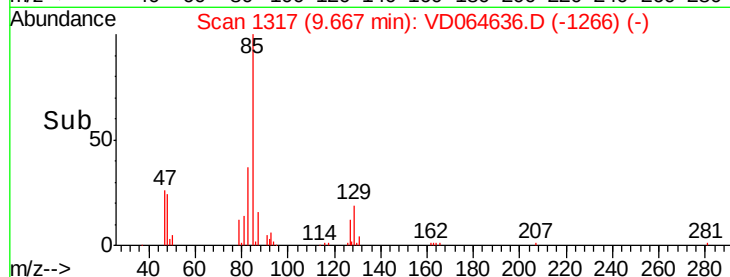
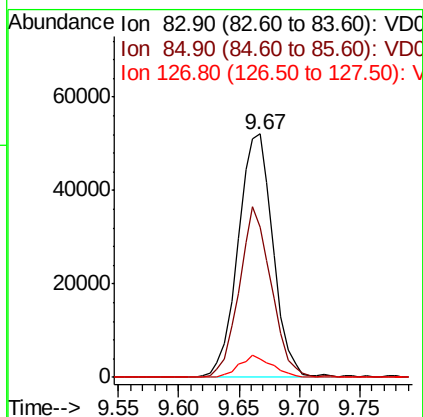
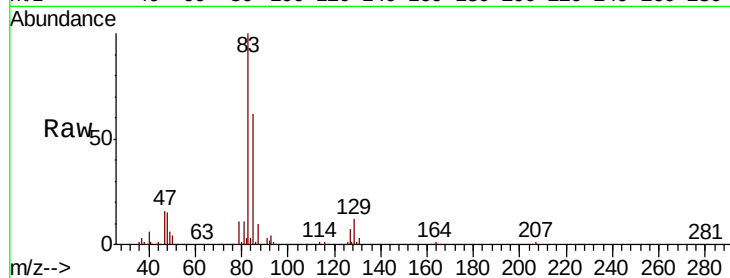
ClientSampleId :

VD1227SBS01

Tot Ion:	83	Resp:	104661
Ion Ratio	Lower	Upper	
83	100		
85	61.7	49.5	74.3
127	7.5	7.8	11.6#

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#48

Methyl methacrylate

Concen: 18.681 ug/l

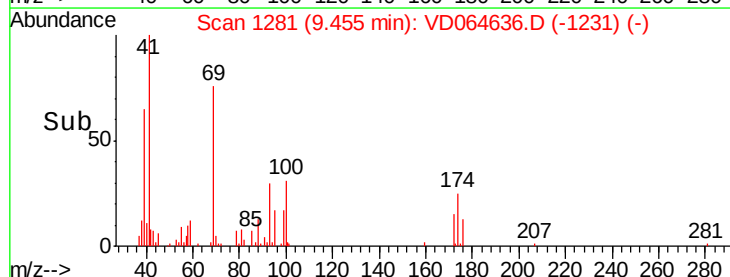
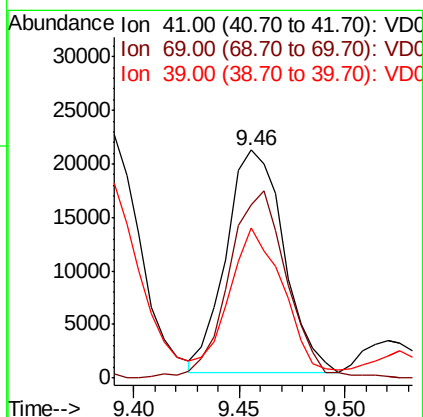
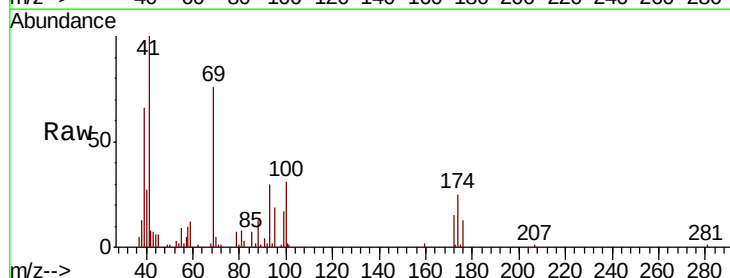
RT: 9.46 min Scan# 1281

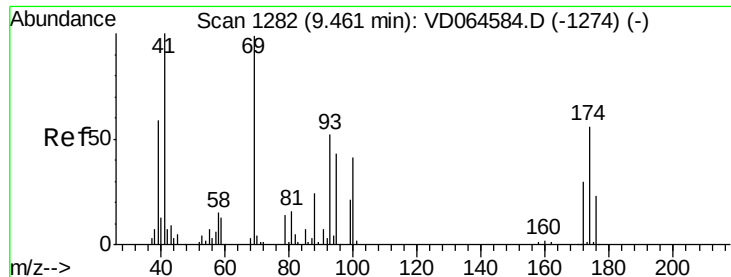
Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	41	Resp:	39378
Ion Ratio	Lower	Upper	
41	100		
69	85.4	63.0	94.6
39	57.5	47.4	71.2





#49

1,4-Dioxane

Concen: 355.388 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

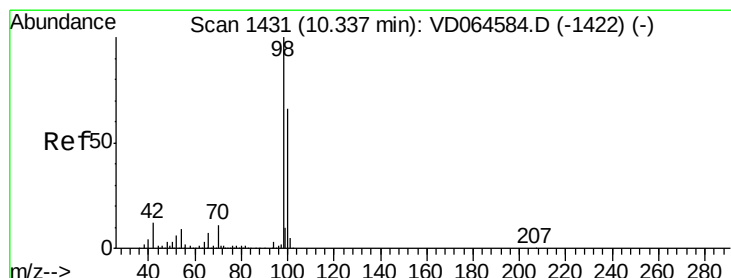
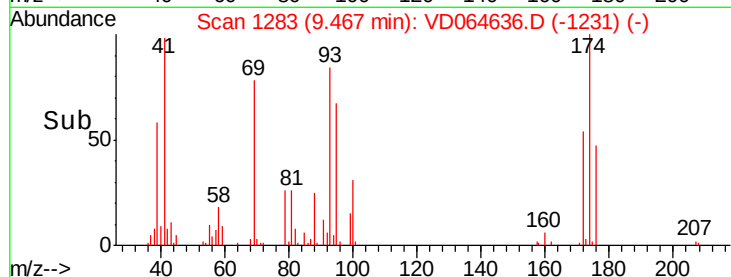
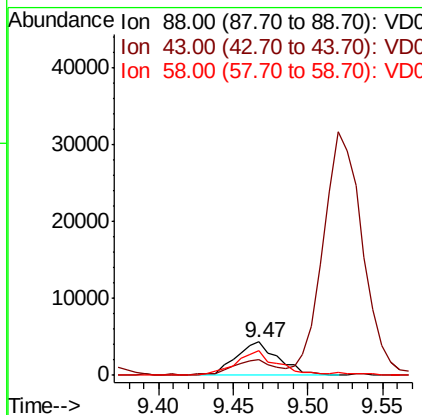
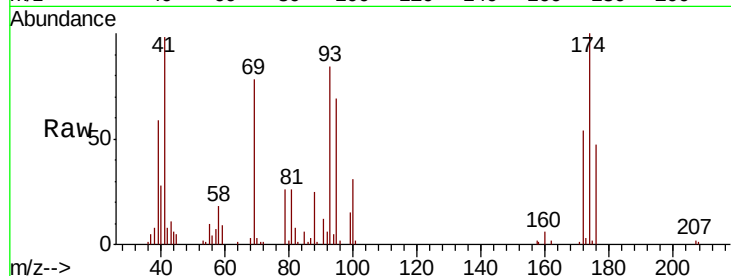
ClientSampleId :

VD1227SBS01

Tot Ion	88	Resp	8526
Ion	Ratio	Lower	Upper
88	100		
43	46.9	27.7	41.5#
58	71.1	53.8	80.6

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#50

Toluene-d8

Concen: 51.307 ug/l

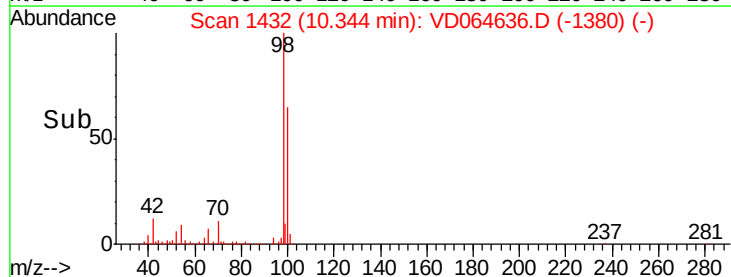
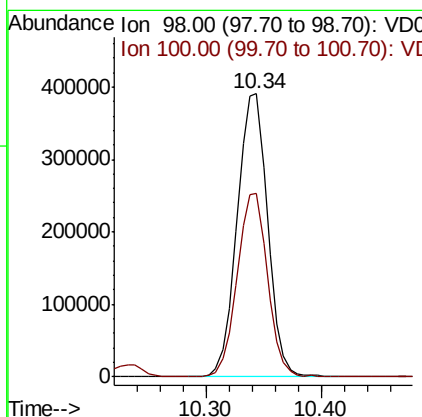
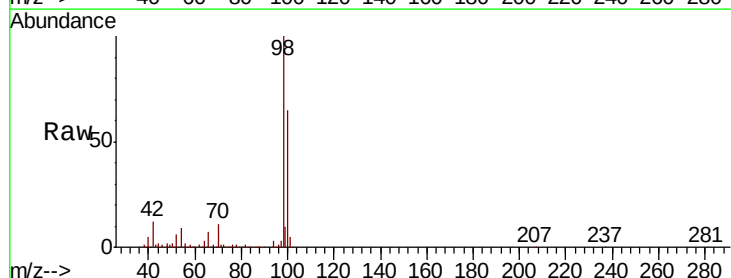
RT: 10.34 min Scan# 1432

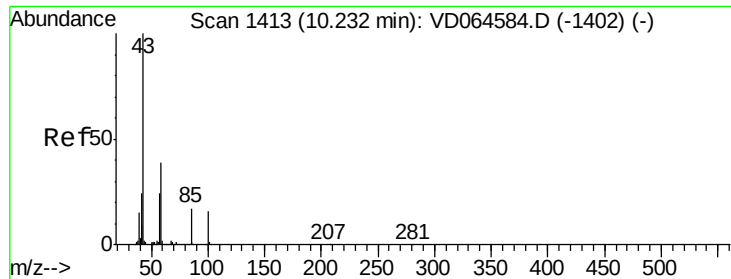
Delta R.T. 0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion	98	Resp	717128
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





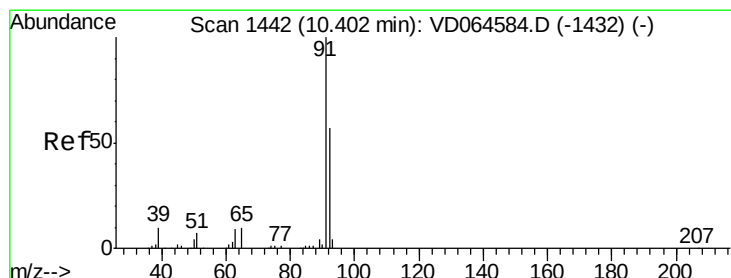
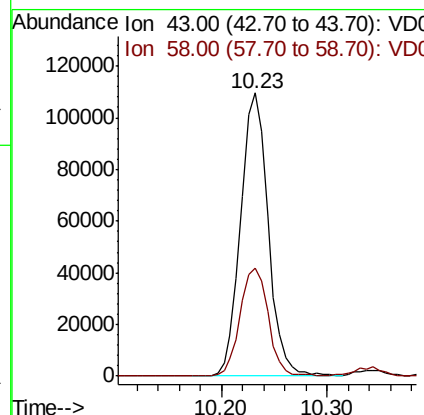
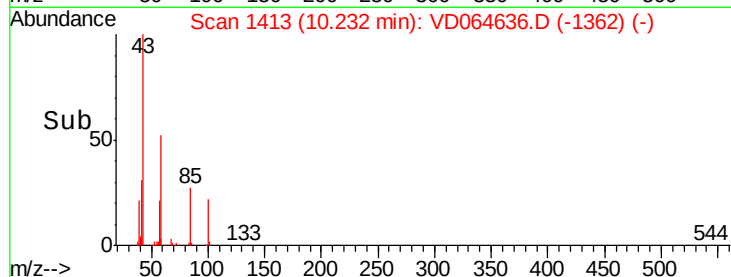
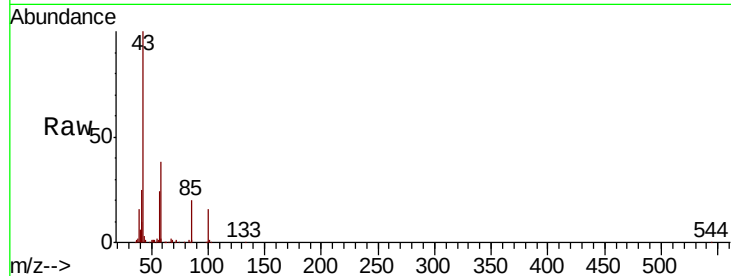
#51
4-Methyl-2-Pentanone
Concen: 89.643 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.2	45.2

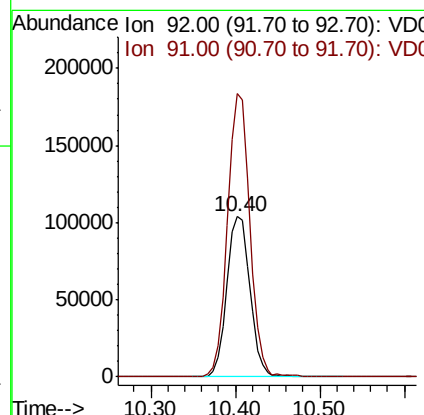
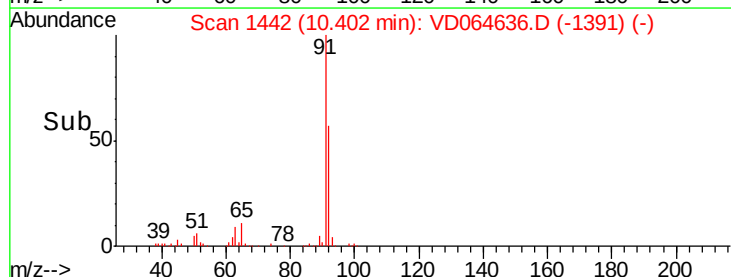
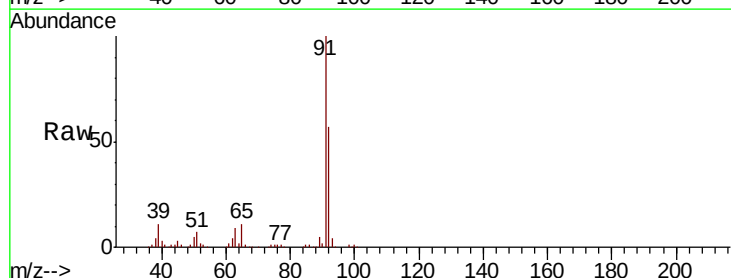
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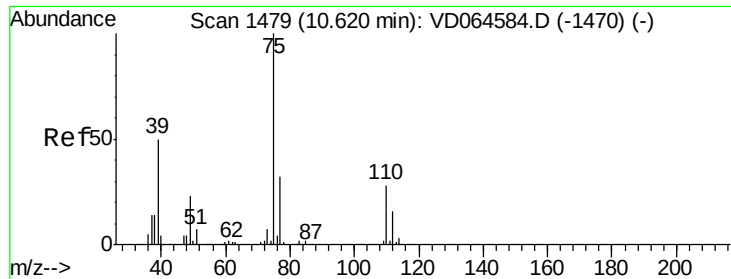
apatel
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#52
Toluene
Concen: 19.220 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	138.7	208.1





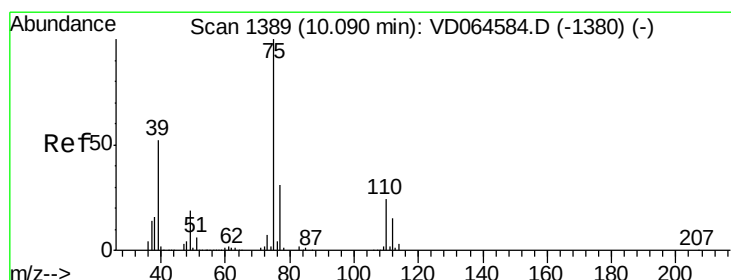
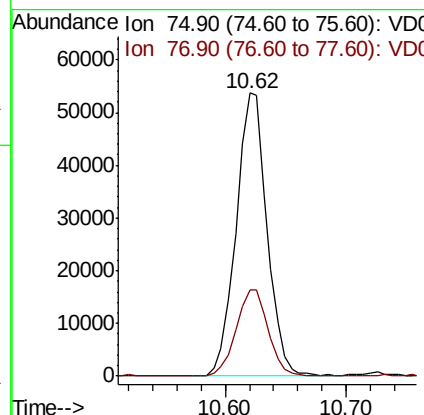
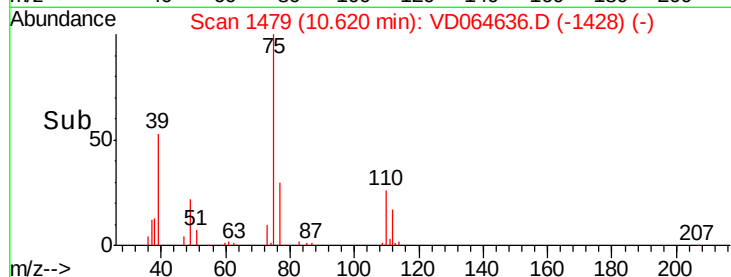
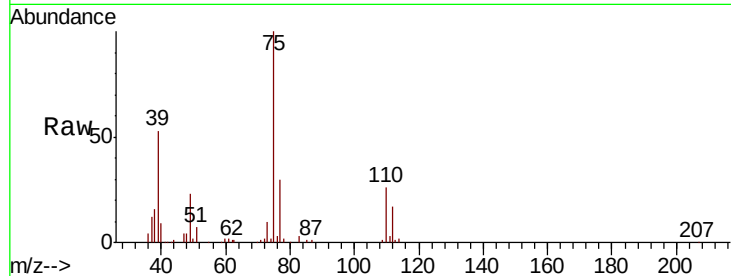
#53
t-1,3-Dichloropropene
Concen: 18.583 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion: 75 Resp: 95920
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2

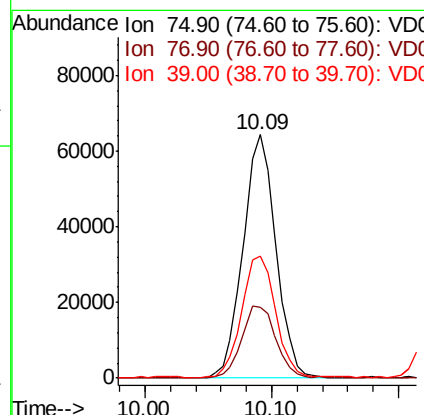
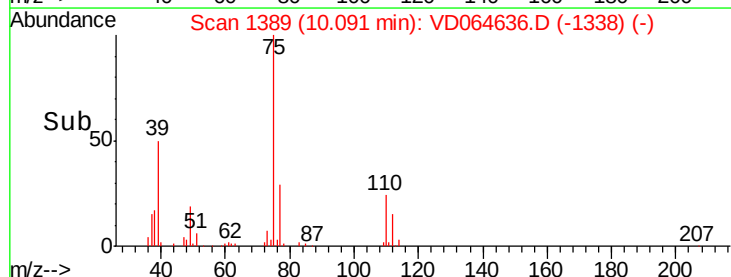
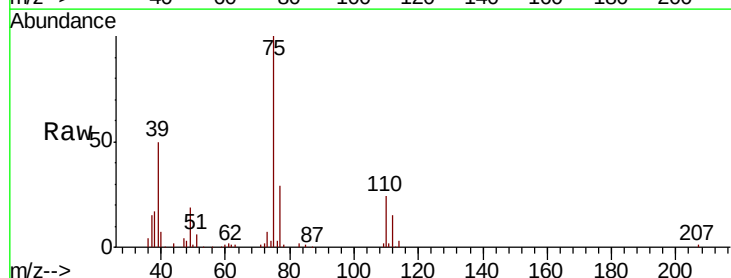
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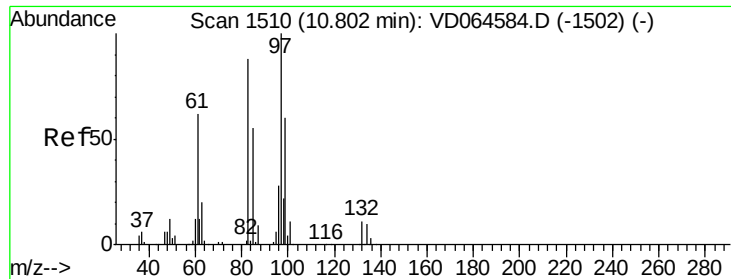
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#54
cis-1,3-Dichloropropene
Concen: 19.079 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion: 75 Resp: 116121
Ion Ratio Lower Upper
75 100
77 29.1 24.6 36.8
39 49.9 41.4 62.2





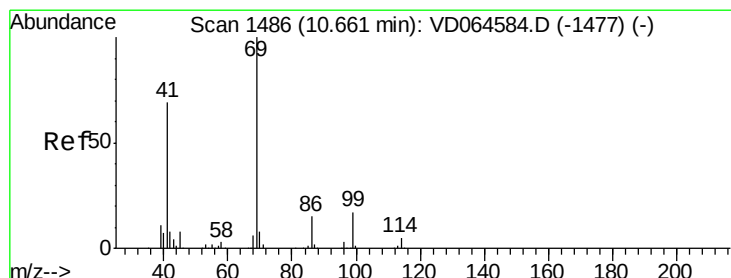
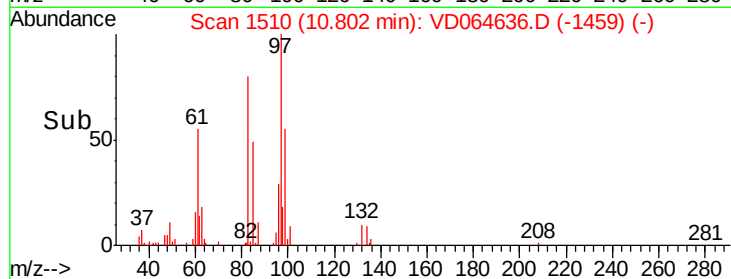
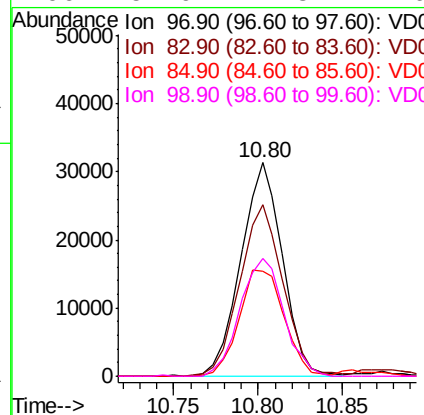
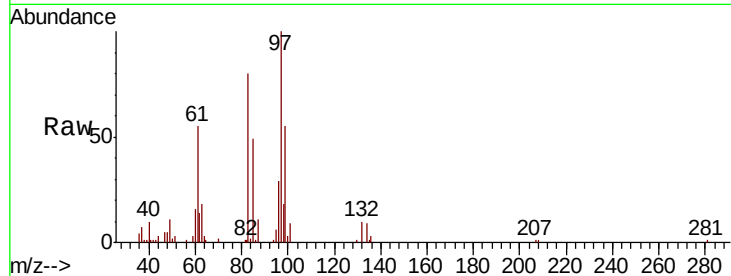
#55
 1,1,2-Trichloroethane
 Concen: 19.196 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	79.6	70.2	105.4
85	49.1	44.0	66.0
99	54.9	47.8	71.6

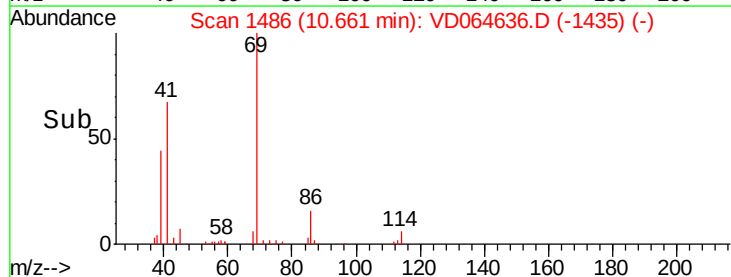
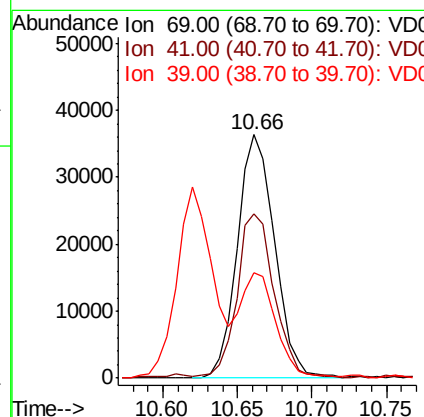
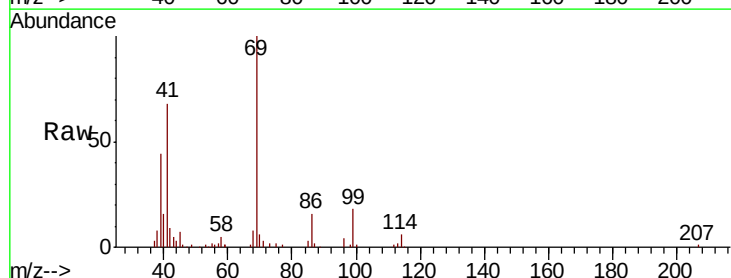
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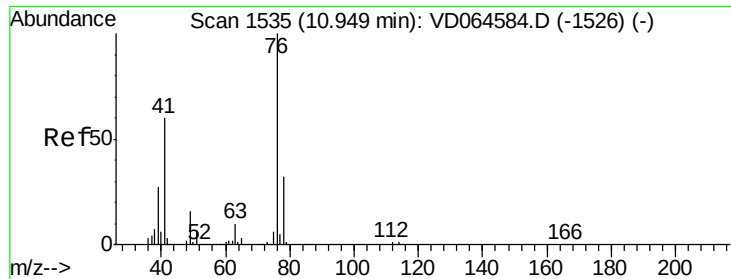
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#56
 Ethyl methacrylate
 Concen: 18.104 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.3	82.9
39	41.1	33.8	50.8





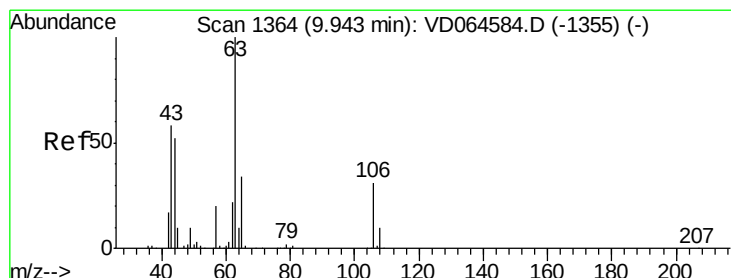
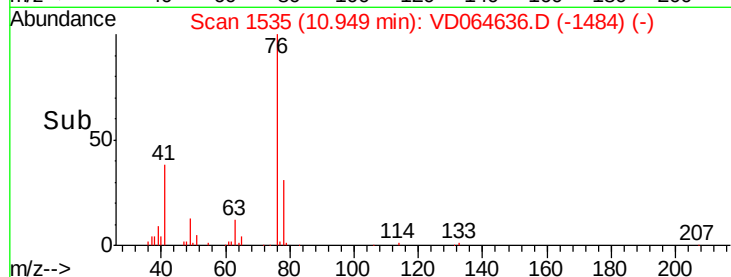
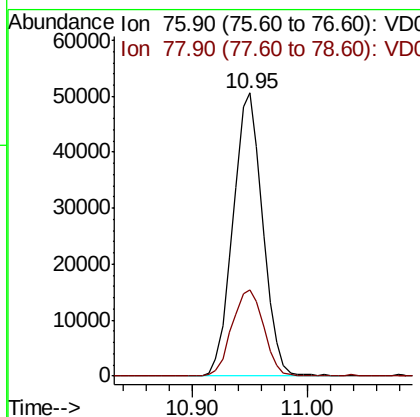
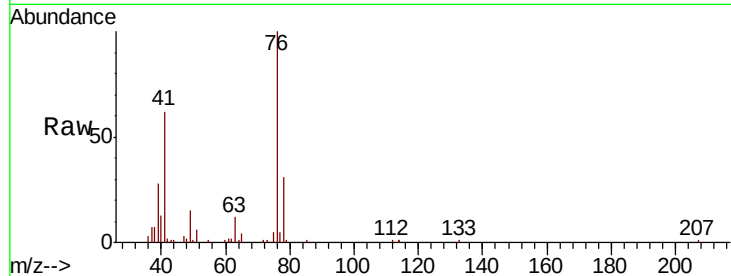
#57
 1,3-Dichloropropane
 Concen: 18.653 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion: 76 Resp: 90055
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4

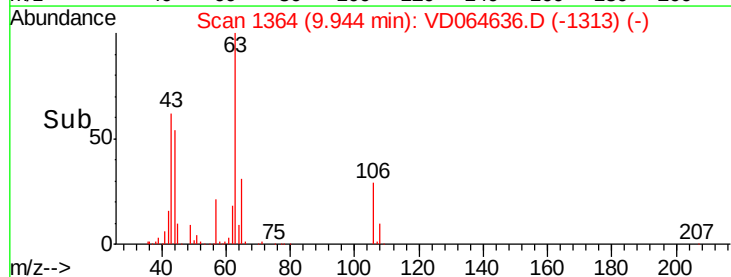
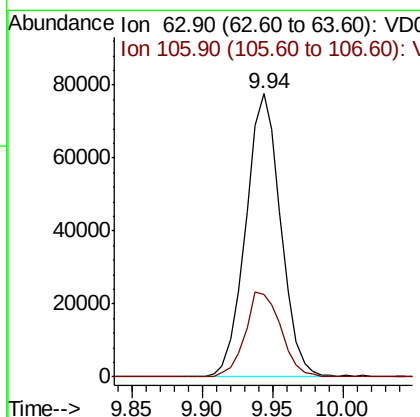
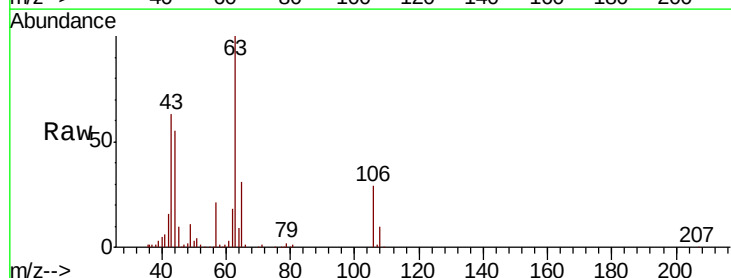
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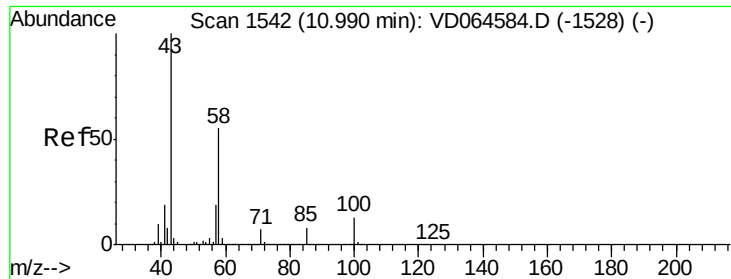
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.046 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion: 63 Resp: 134811
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.8 35.8





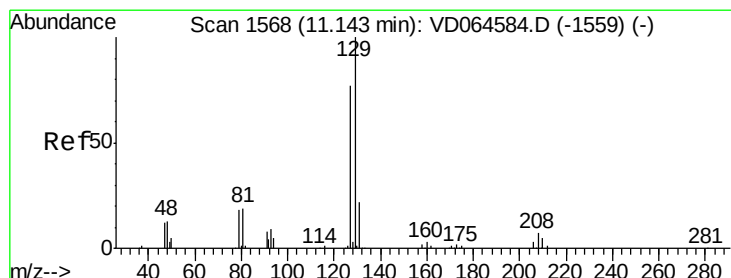
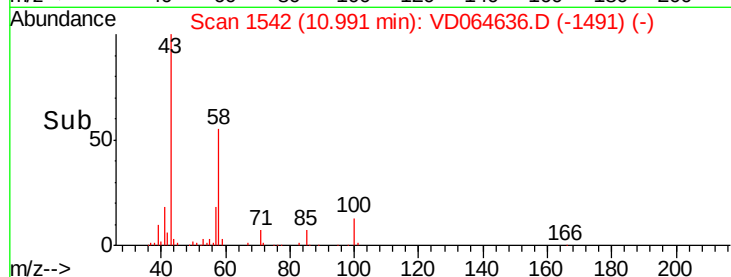
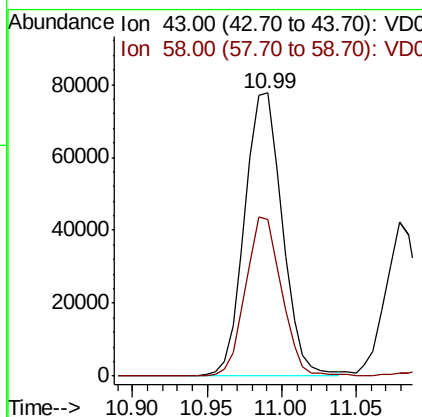
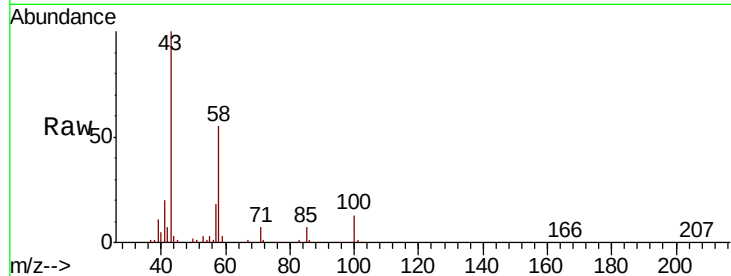
#59
2-Hexanone
Concen: 90.526 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion: 43 Resp: 135961
Ion Ratio Lower Upper
43 100
58 53.8 26.4 79.0

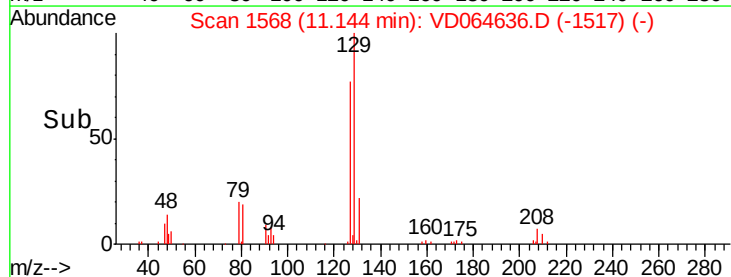
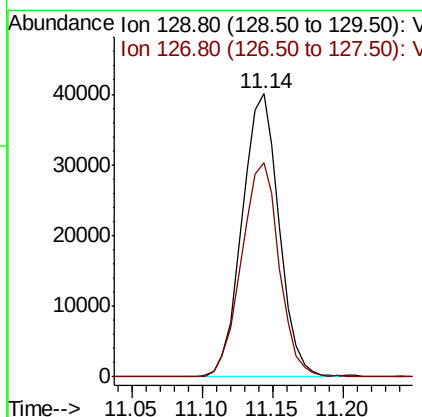
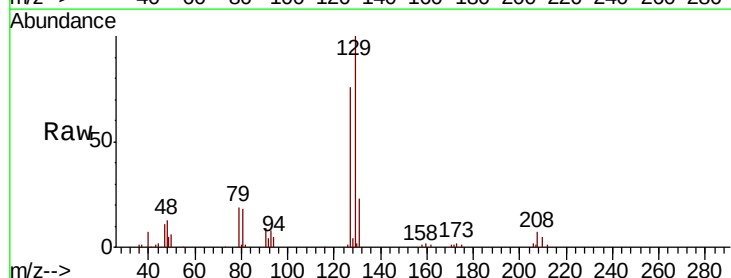
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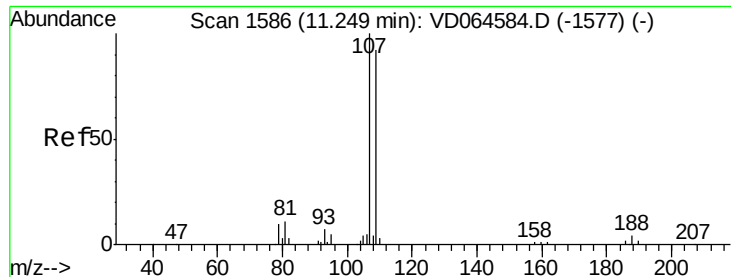
apatel
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#60
Dibromochloromethane
Concen: 18.913 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion: 129 Resp: 73335
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





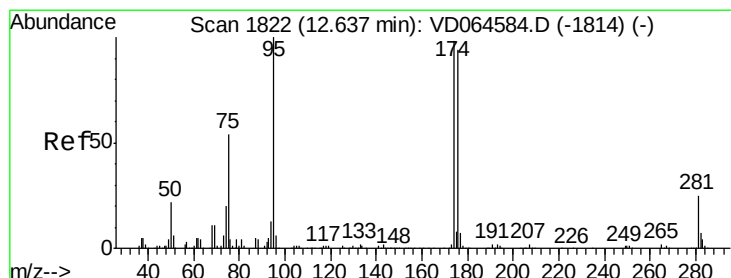
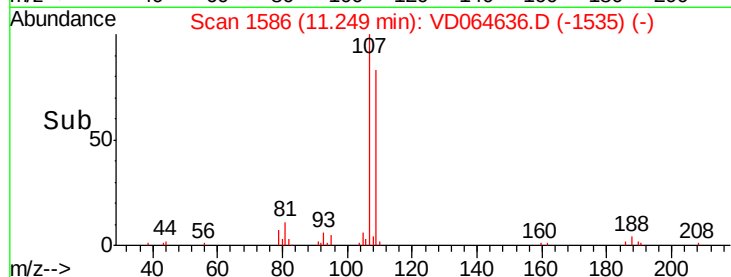
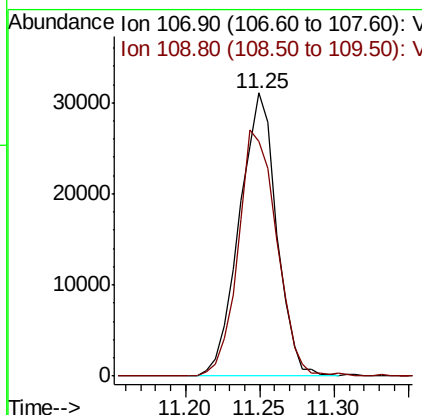
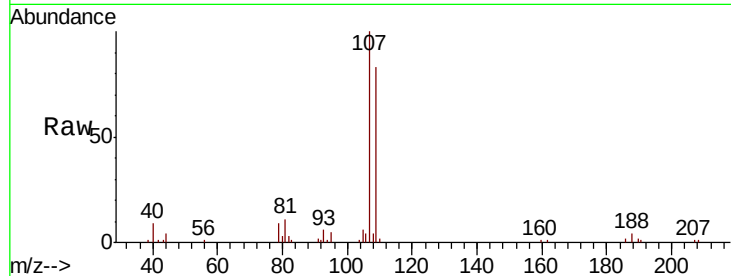
#61
 1,2-Dibromoethane
 Concen: 19.413 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	89.9	75.6	113.4

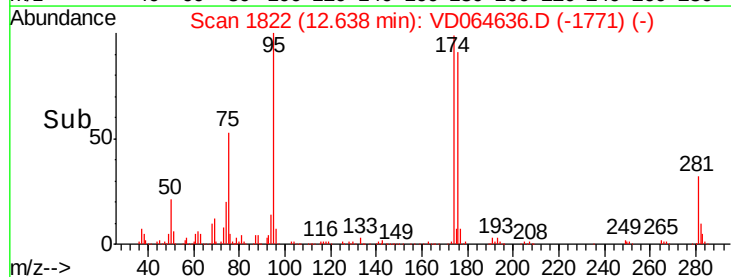
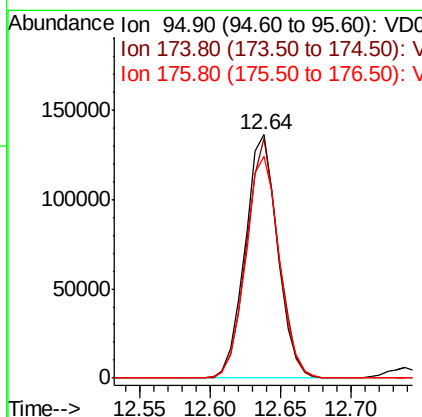
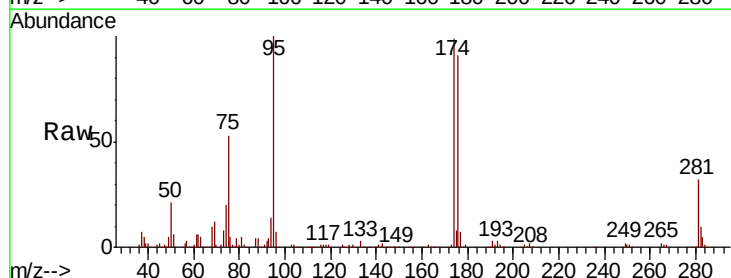
Manual Integrations
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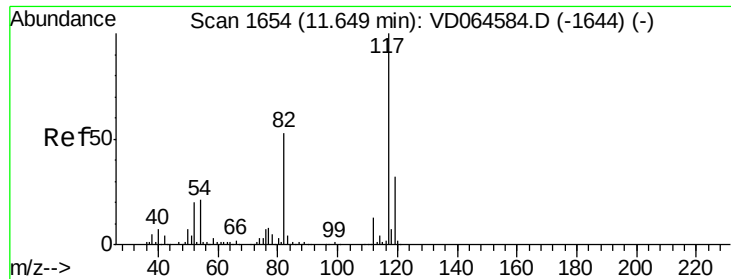
apatel
 12/30/2019 11:03:03 AM



#62
 4-Bromofluorobenzene
 Concen: 50.037 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	193.2
176	93.7	0.0	184.2





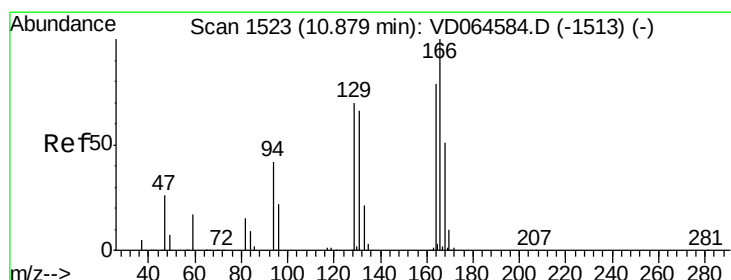
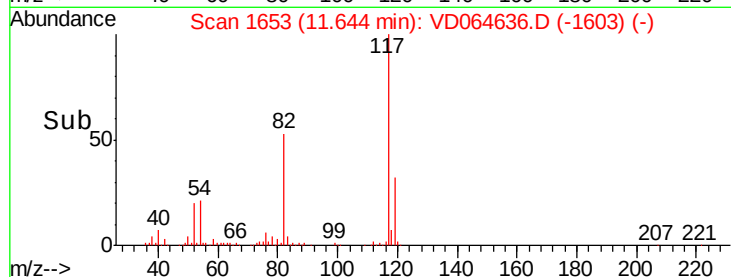
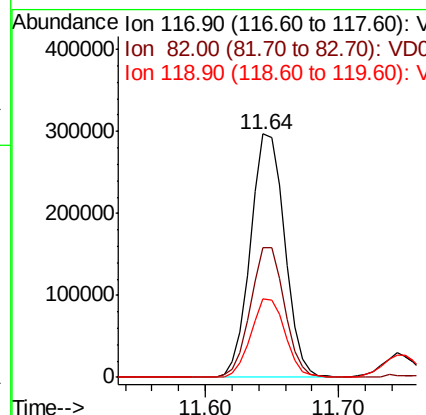
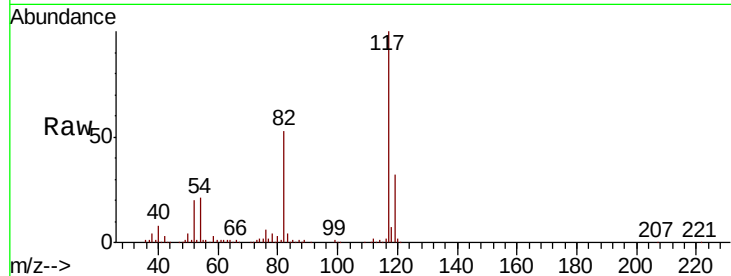
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	32.3	26.0	39.0

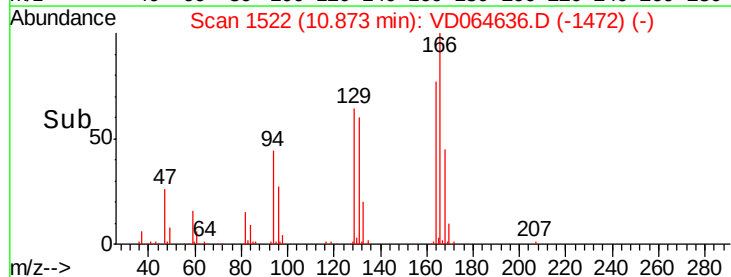
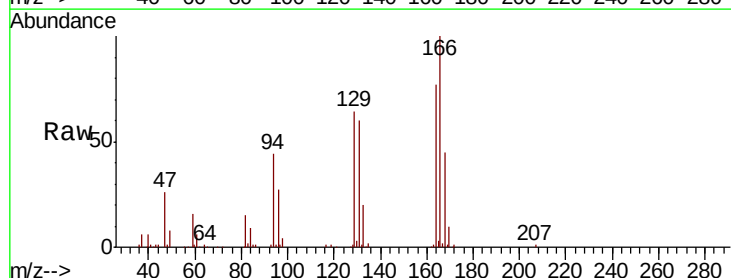
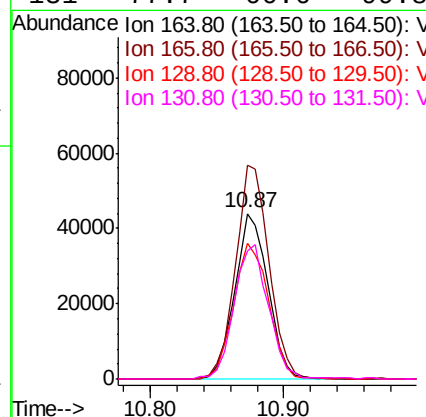
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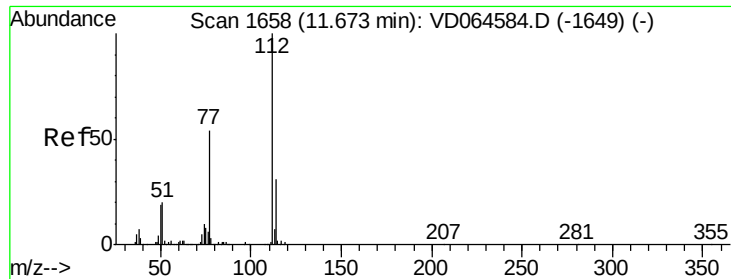
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#64
Tetrachloroethene
Concen: 18.915 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	101.3	151.9
129	82.4	70.5	105.7
131	77.7	66.6	99.8





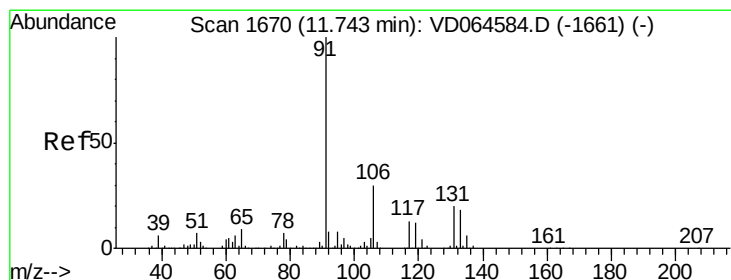
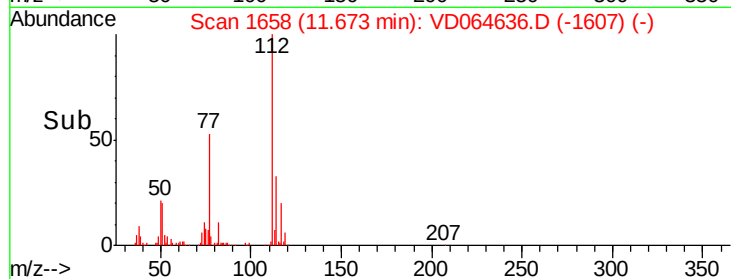
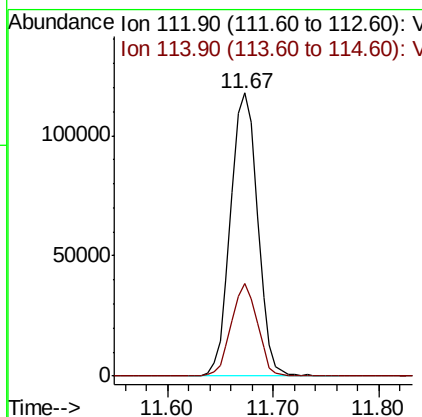
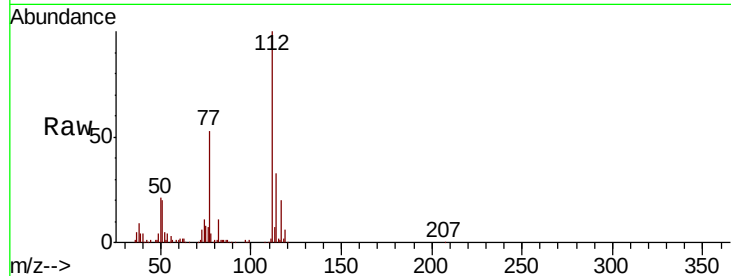
#65
Chlorobenzene
Concen: 19.142 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	208666		
114	32.8	24.8	37.2	

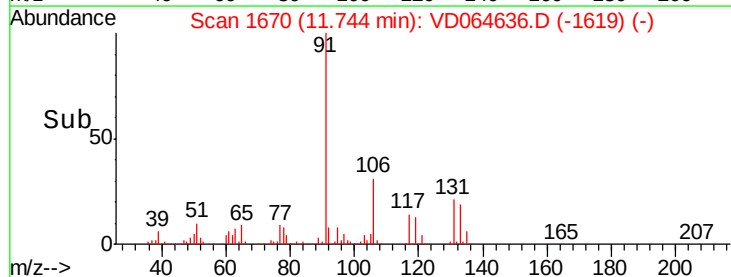
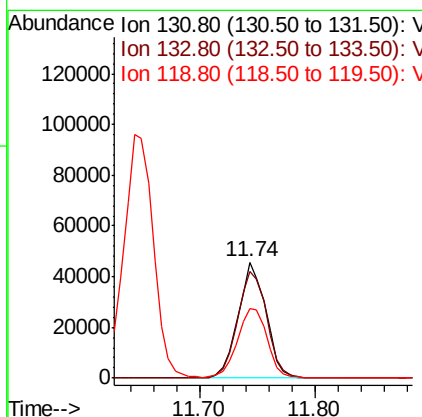
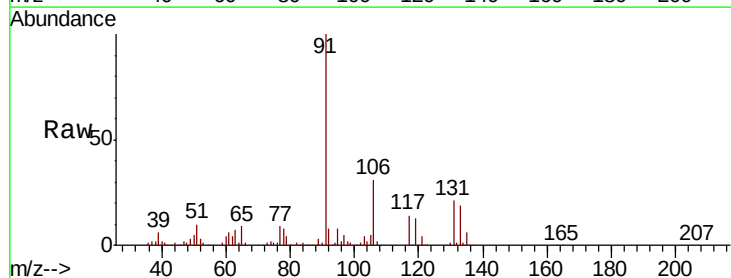
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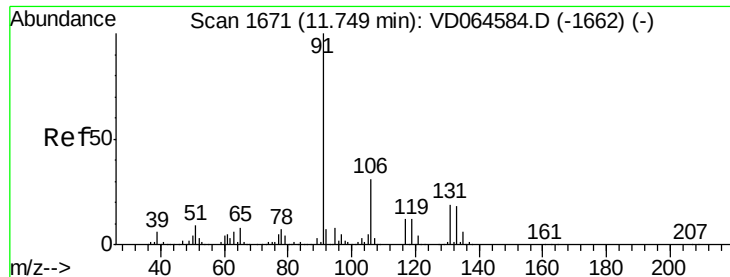
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.600 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	76439		
133	96.6	48.3	144.8	
119	64.4	32.1	96.3	





#67

Ethyl Benzene

Concen: 18.582 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 91 Resp: 367671

Ion Ratio Lower Upper

91 100

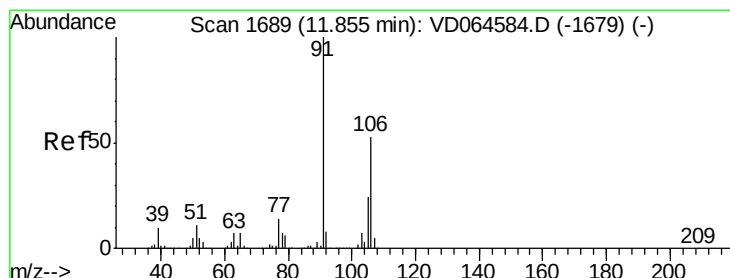
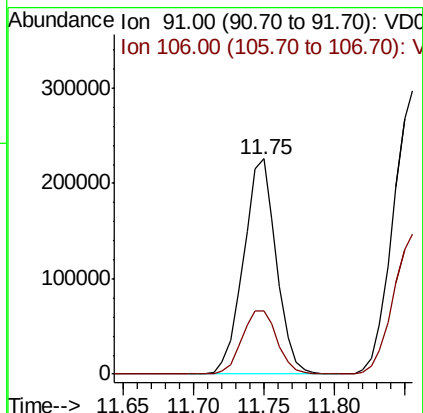
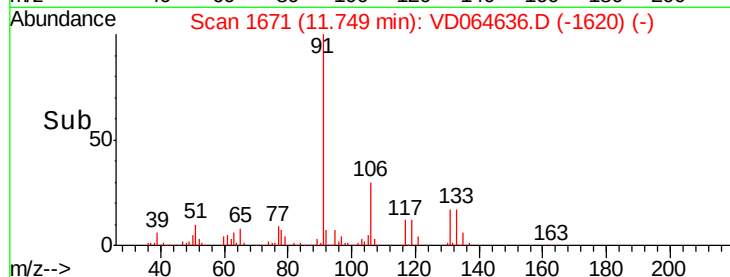
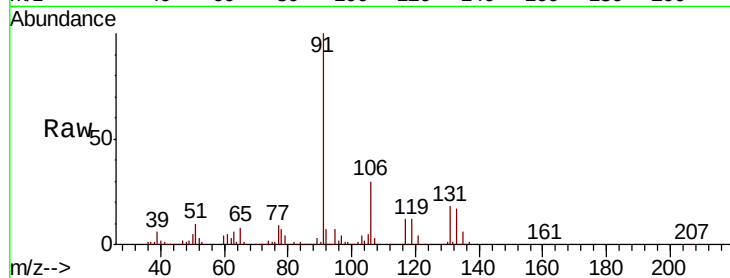
106 29.6 24.6 36.8

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#68

m/p-Xylenes

Concen: 36.943 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064636.D

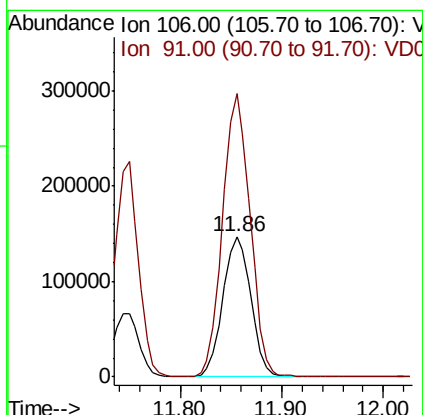
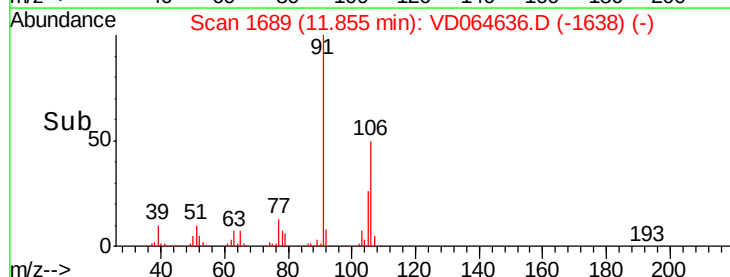
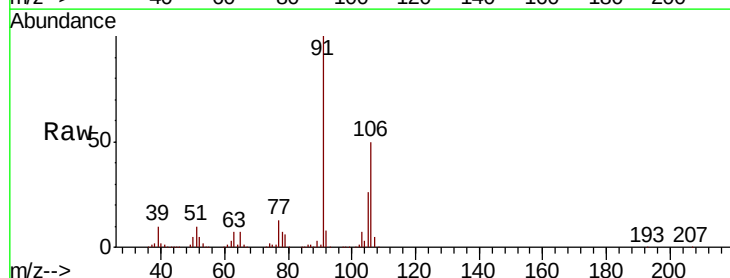
Acq: 27 Dec 2019 11:05

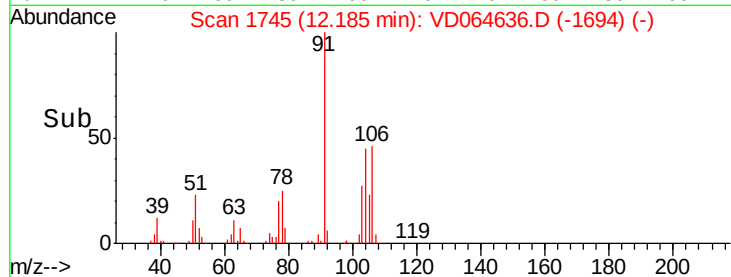
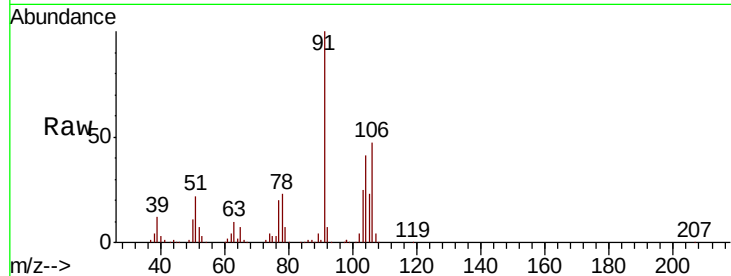
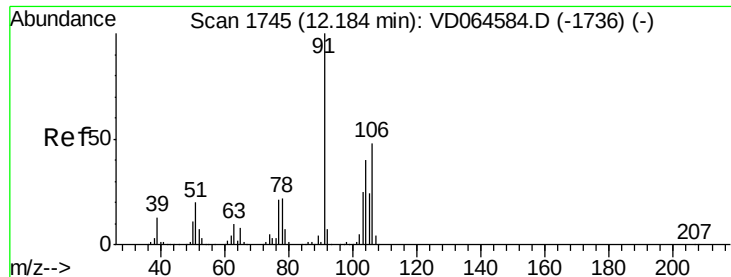
Tgt Ion: 106 Resp: 282133

Ion Ratio Lower Upper

106 100

91 198.8 156.3 234.5





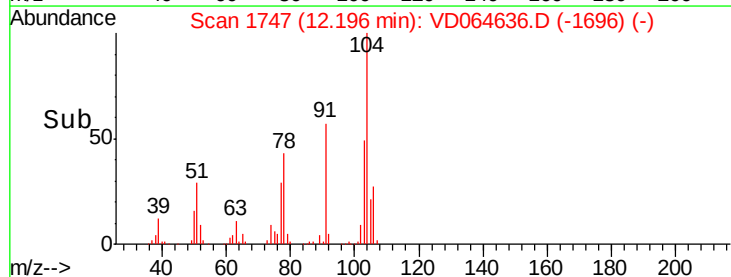
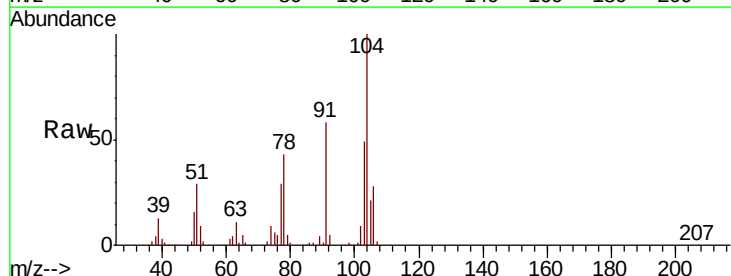
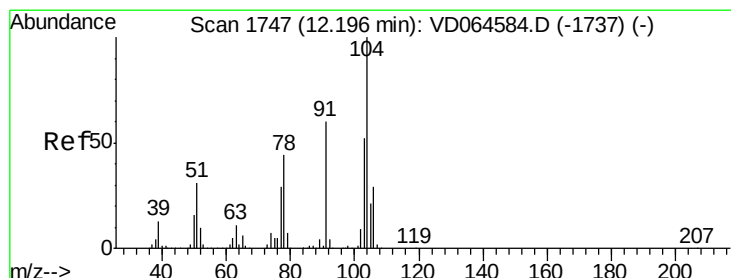
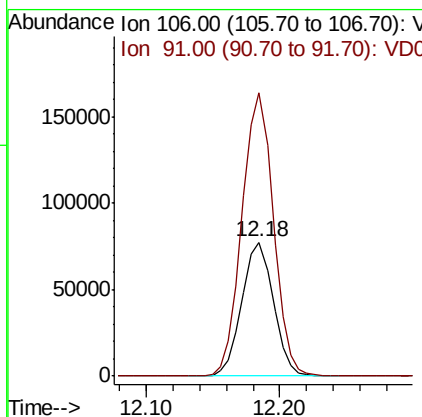
#69
o-Xylene
Concen: 18.346 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tot Ion:106 Resp: 126553
Ion Ratio Lower Upper
106 100
91 211.0 104.8 314.4

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

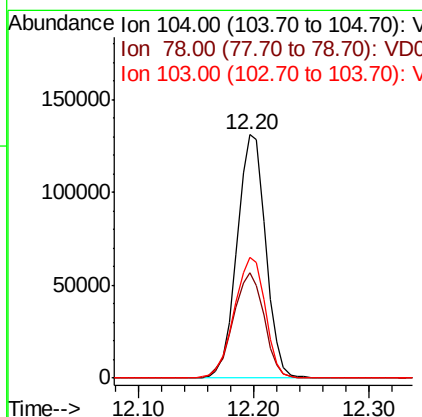
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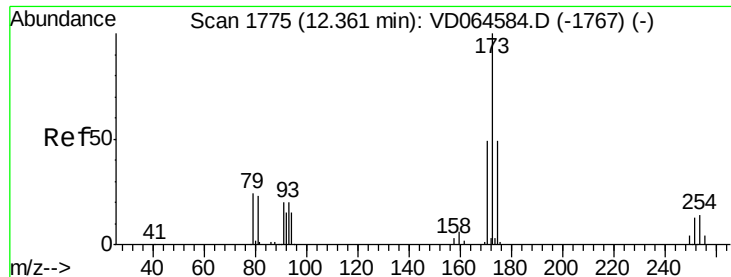
apatel
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#70
Styrene
Concen: 18.606 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion:104 Resp: 225290
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.2
103 53.7 44.6 67.0





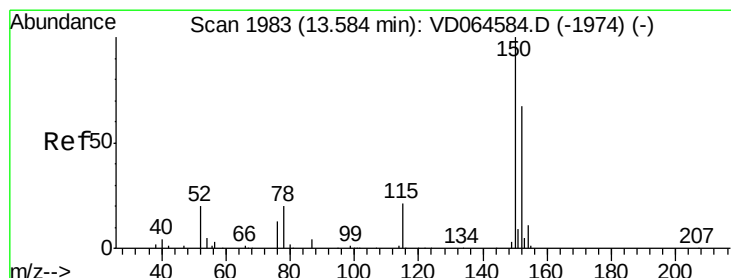
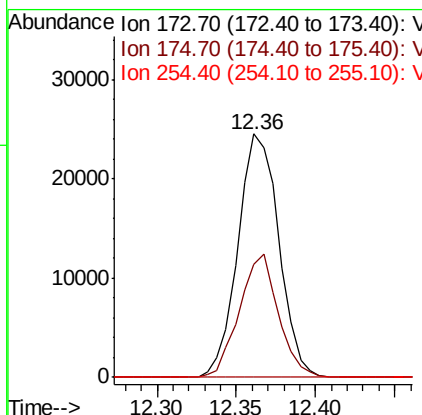
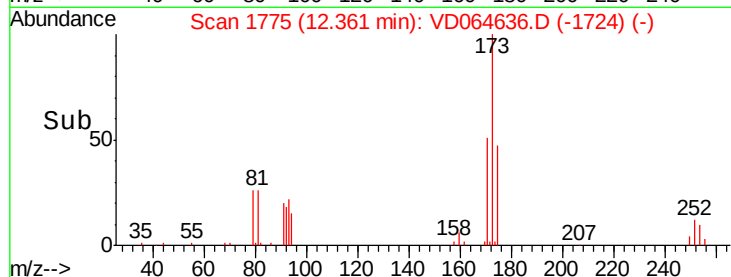
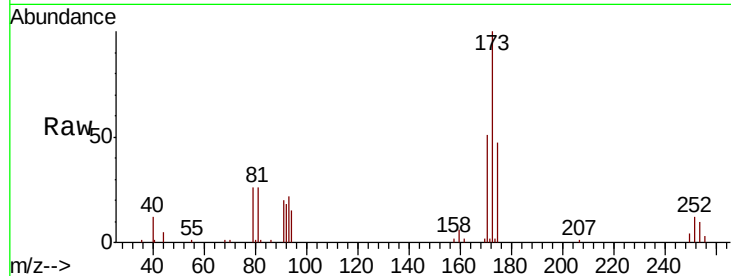
#71
Bromoform
Concen: 18.776 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.6	73.8
254	0.0	0.1	0.1#

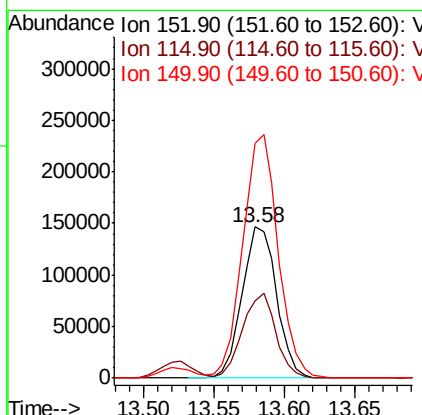
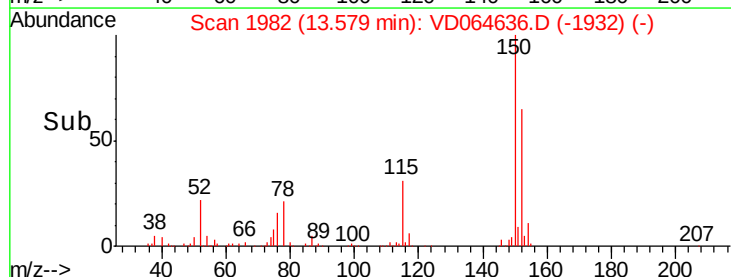
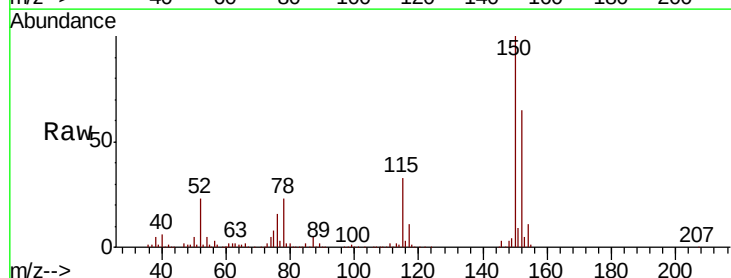
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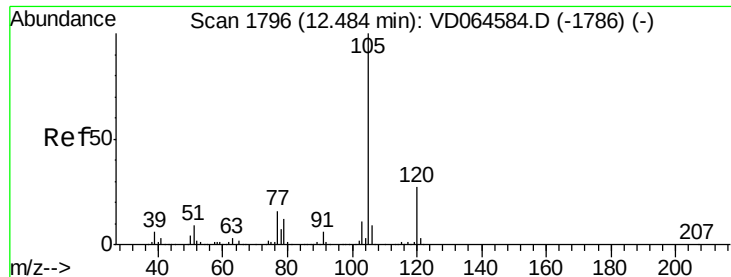
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.4
150	165.4	0.0	351.4





#73

Isopropylbenzene

Concen: 19.397 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion:105 Resp: 346922

Ion Ratio Lower Upper

105 100

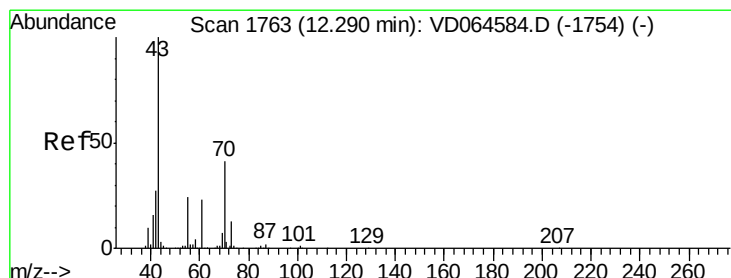
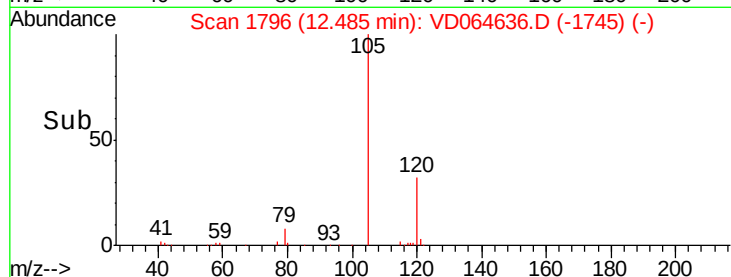
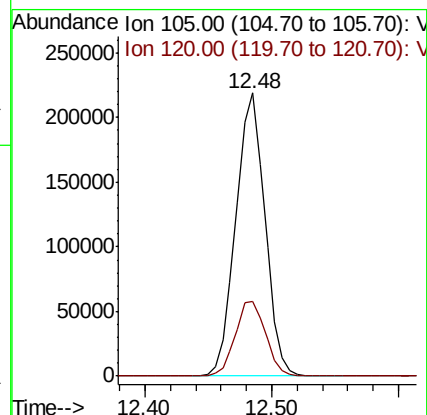
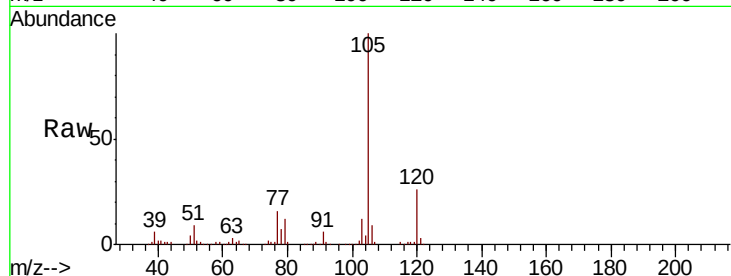
120 27.4 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.499 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion: 43 Resp: 70726

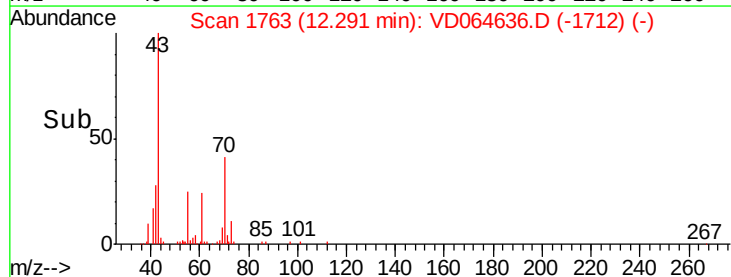
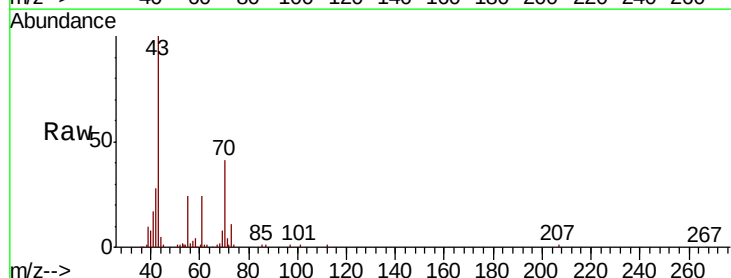
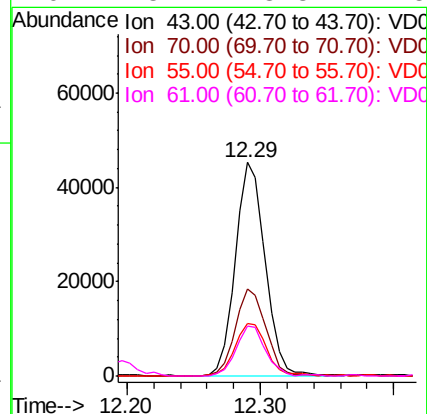
Ion Ratio Lower Upper

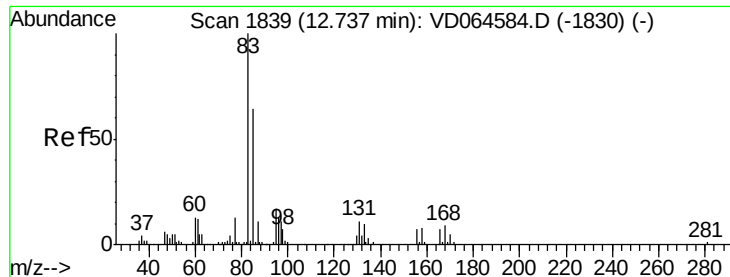
43 100

70 41.6 33.4 50.0

55 26.4 19.4 29.0

61 23.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.941 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

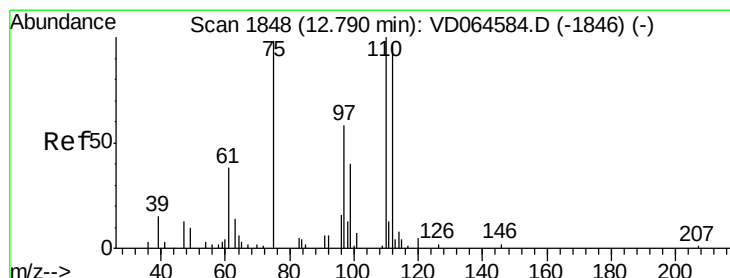
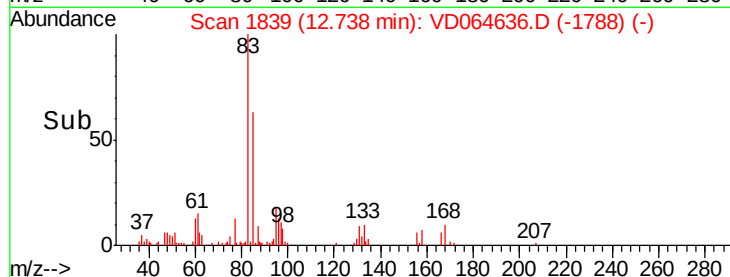
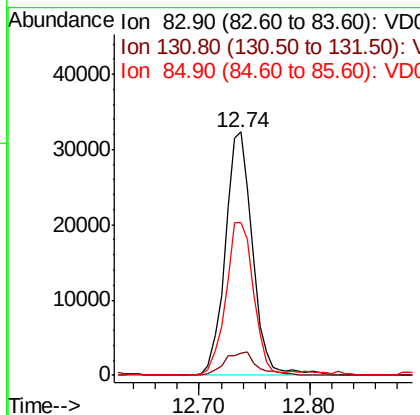
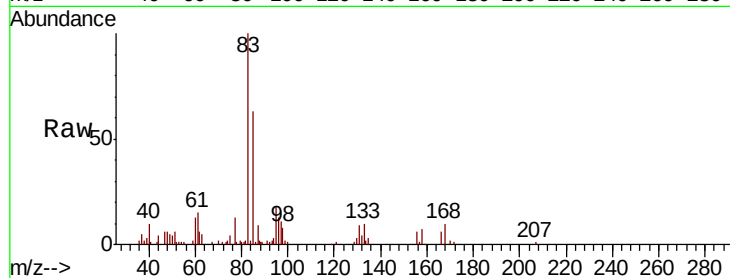
ClientSampleId :

VD1227SBS01

Tot Ion:	83	Resp:	56026
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.8	17.4
85	63.7	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 20.605 ug/l m

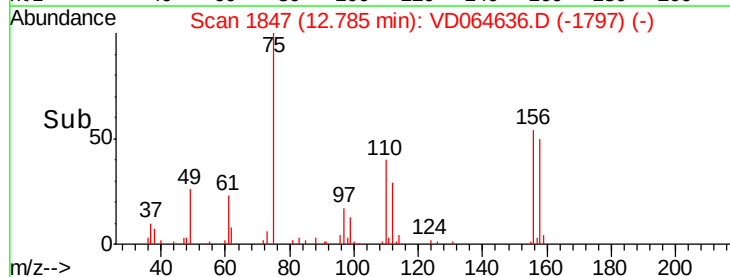
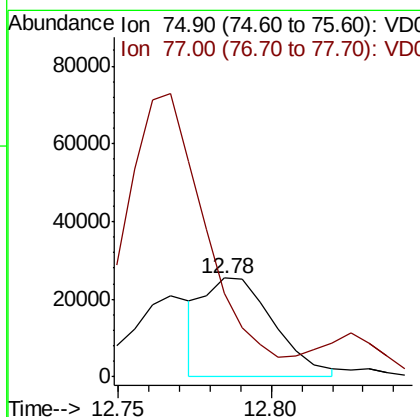
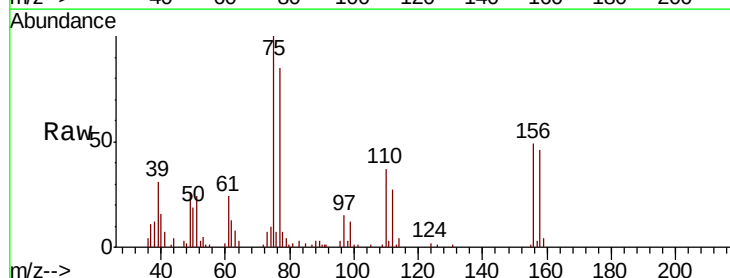
RT: 12.78 min Scan# 1847

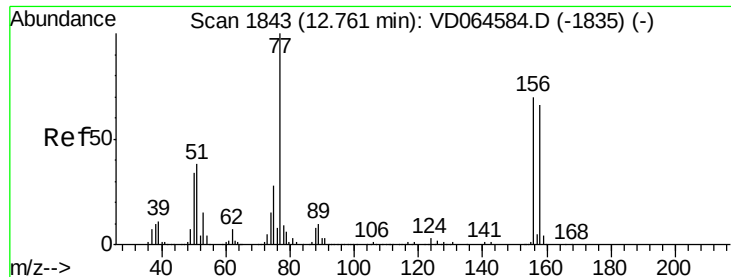
Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	75	Resp:	40722
Ion Ratio	Lower	Upper	
75	100		
77	334.8	0.0	0.0#





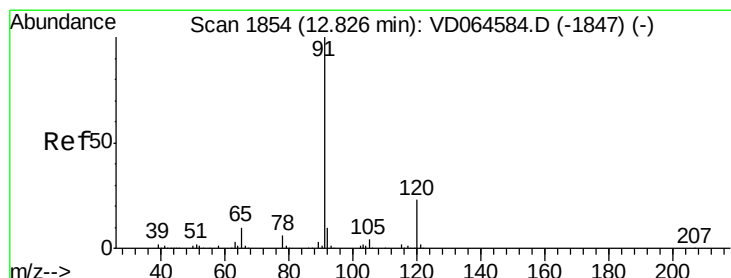
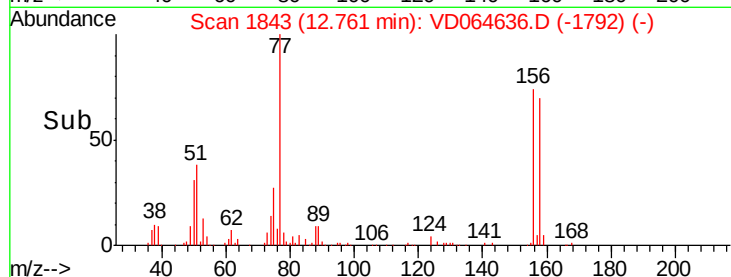
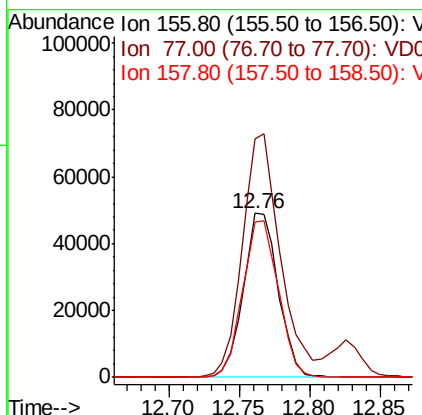
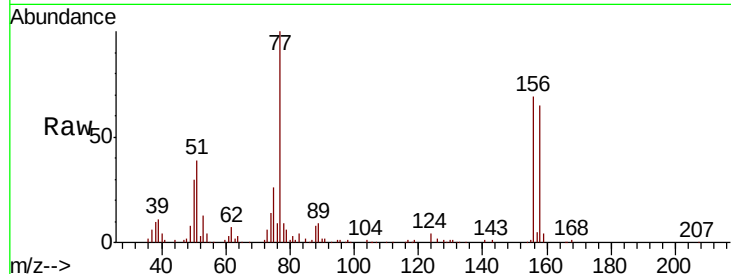
#77
Bromobenzene
Concen: 19.364 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.2	80.9	242.7
158	97.3	48.0	144.2

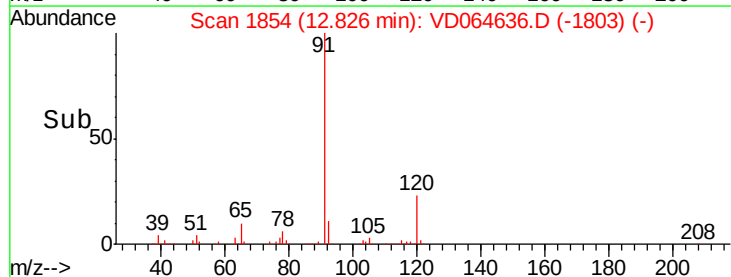
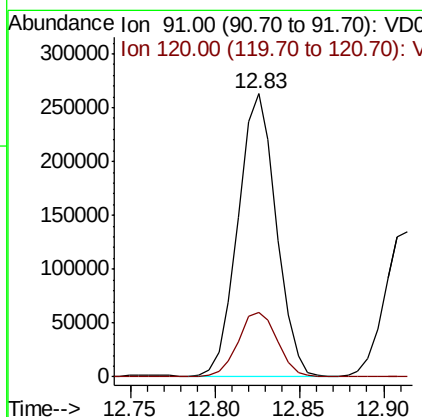
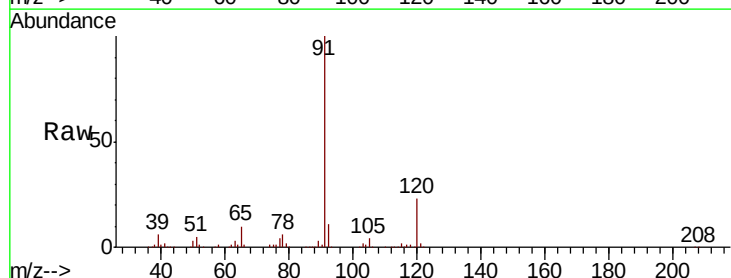
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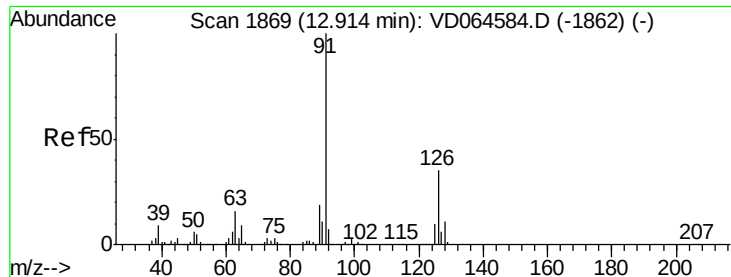
apatel
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#78
n-propylbenzene
Concen: 19.824 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.573 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

ClientSampleId :

VD1227SBS01

Tot Ion: 91 Resp: 224351

Ion Ratio Lower Upper

91 100

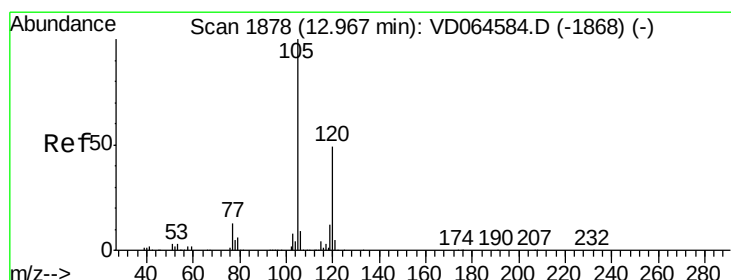
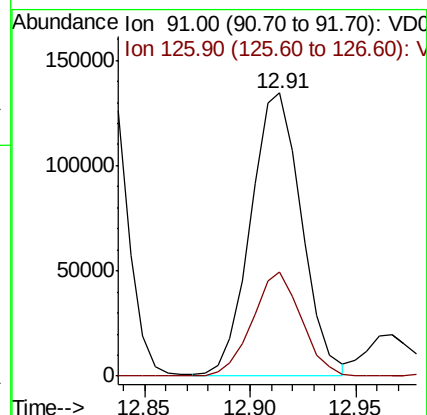
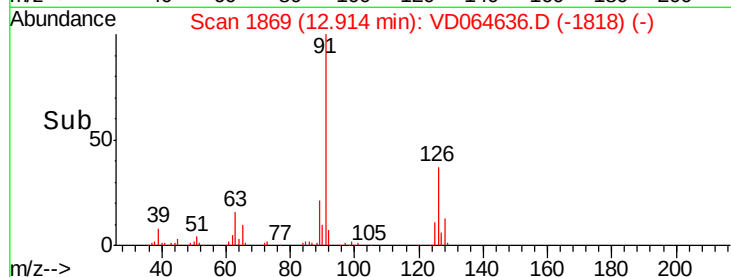
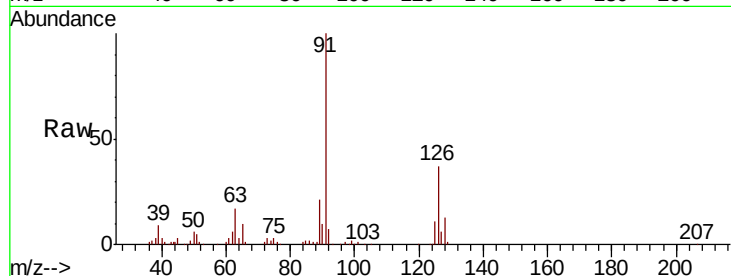
126 35.5 17.8 53.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.255 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD064636.D

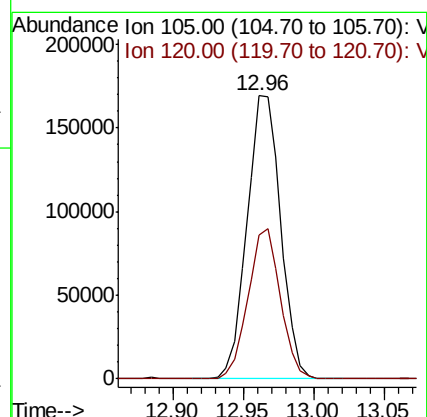
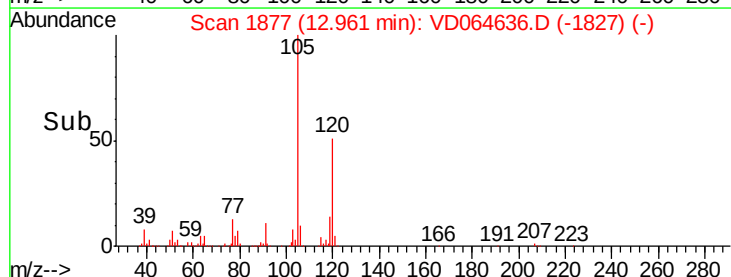
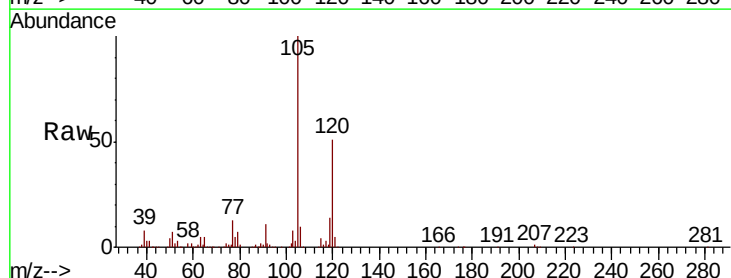
Acq: 27 Dec 2019 11:05

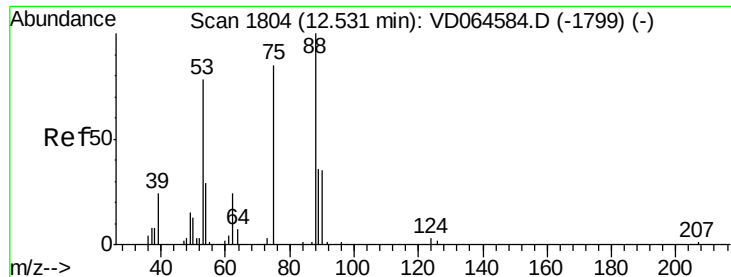
Tgt Ion: 105 Resp: 282897

Ion Ratio Lower Upper

105 100

120 51.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.559 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Instrument :

MSVOA_D

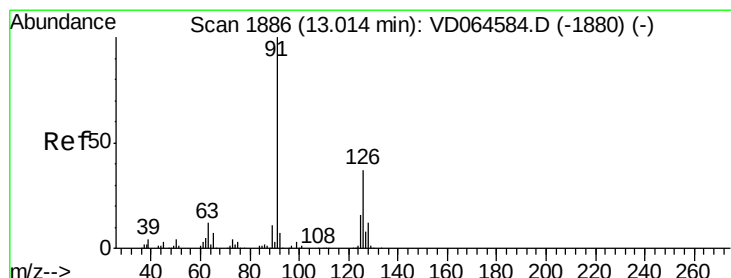
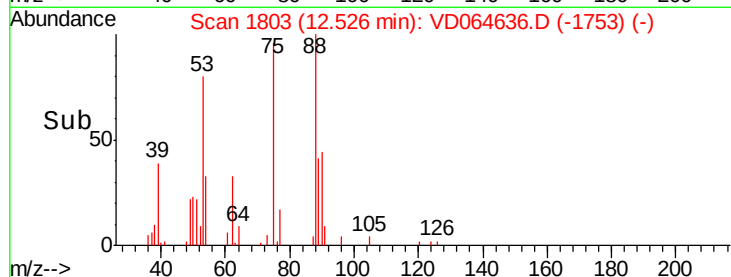
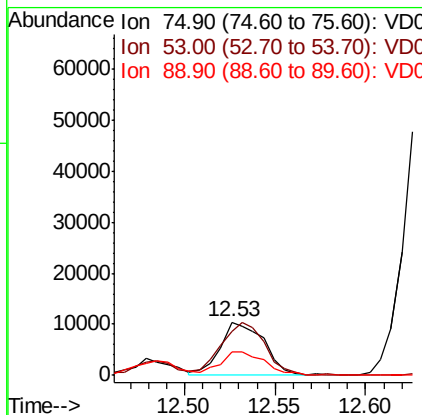
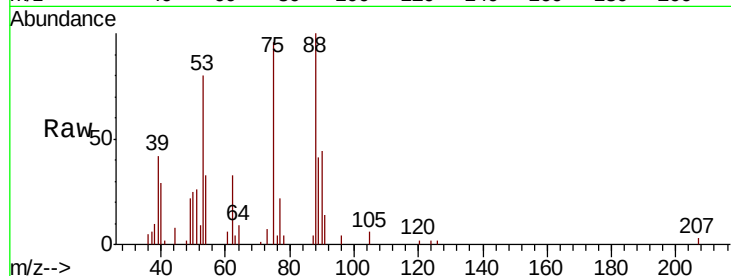
ClientSampleId :

VD1227SBS01

Tot Ion:	75	Resp:	17537
Ion	Ratio	Lower	Upper
75	100		
53	99.5	78.8	118.2
89	44.3	38.3	57.5

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#82

4-Chlorotoluene

Concen: 19.399 ug/l

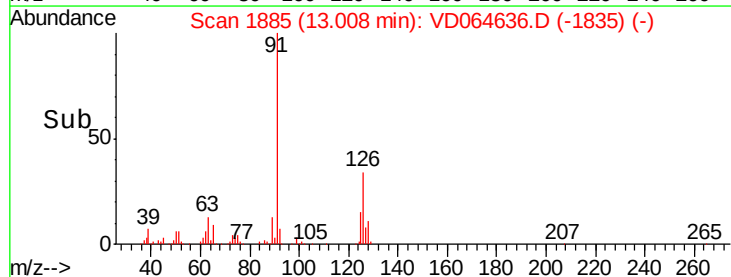
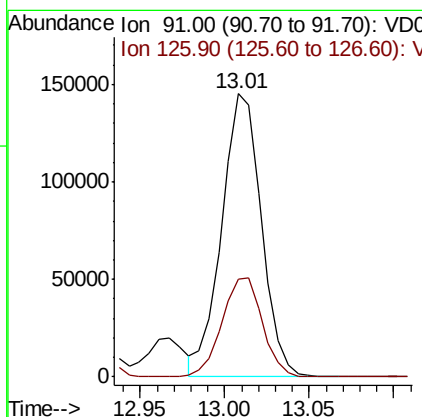
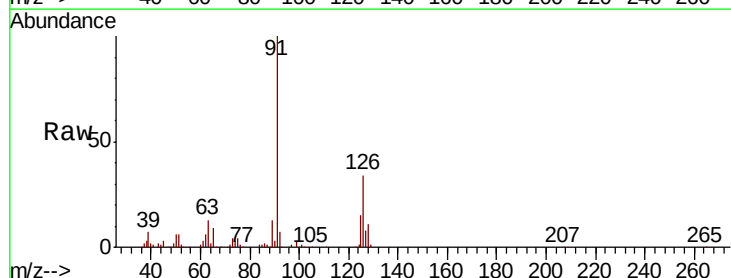
RT: 13.01 min Scan# 1885

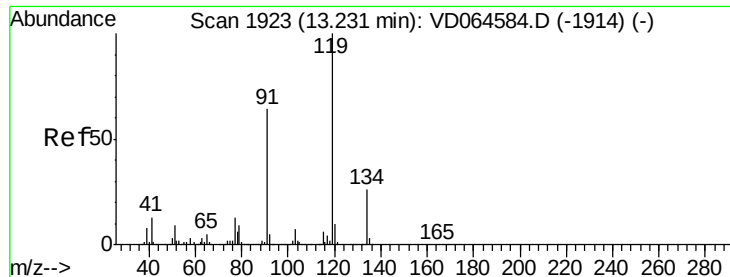
Delta R.T. -0.01 min

Lab File: VD064636.D

Acq: 27 Dec 2019 11:05

Tgt Ion:	91	Resp:	236625
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.8	53.5





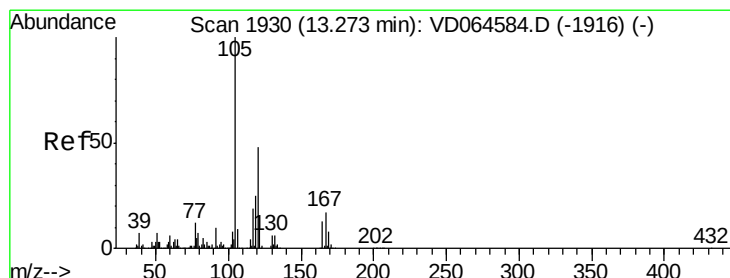
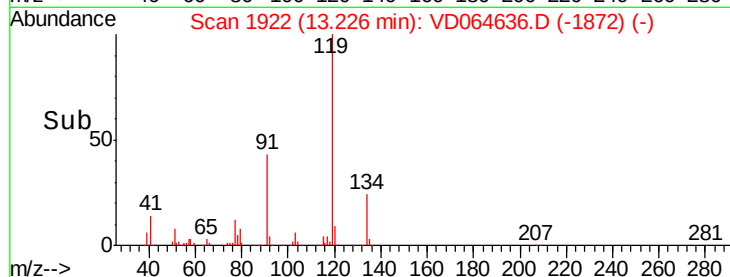
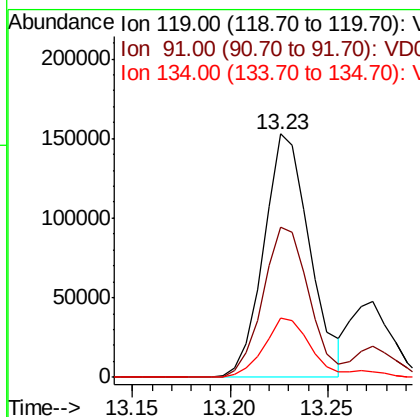
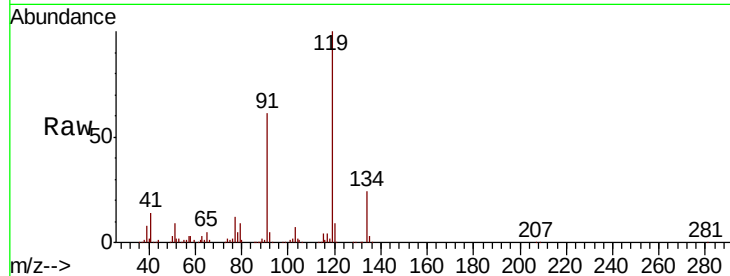
#83
 tert-Butylbenzene
 Concen: 19.598 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.8	92.4
134	26.1	12.8	38.3

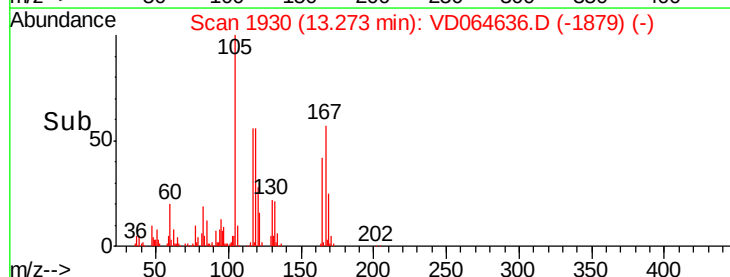
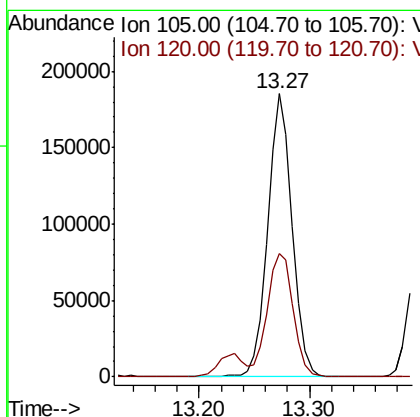
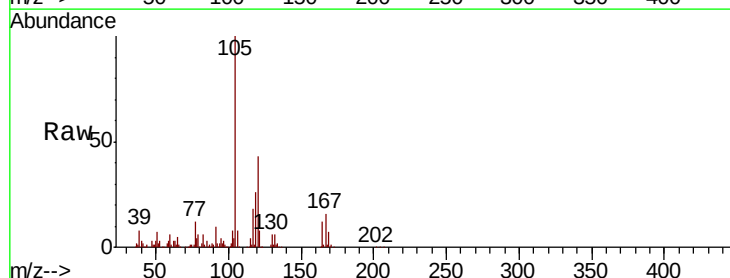
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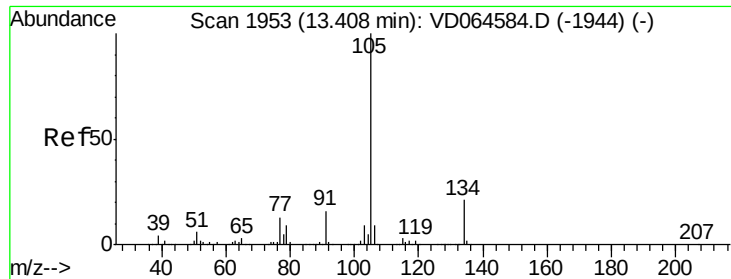
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.523 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.8	71.2





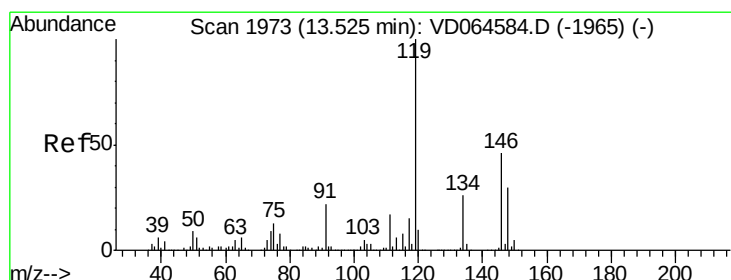
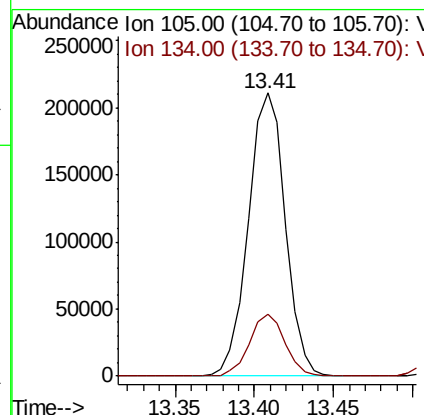
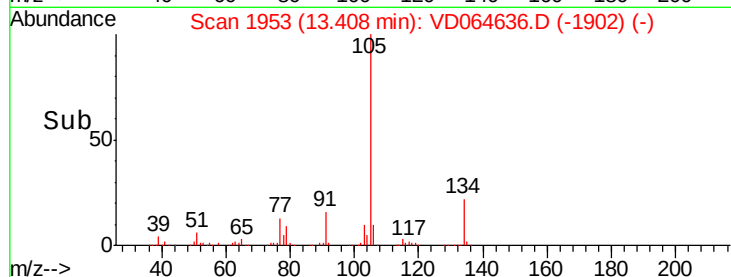
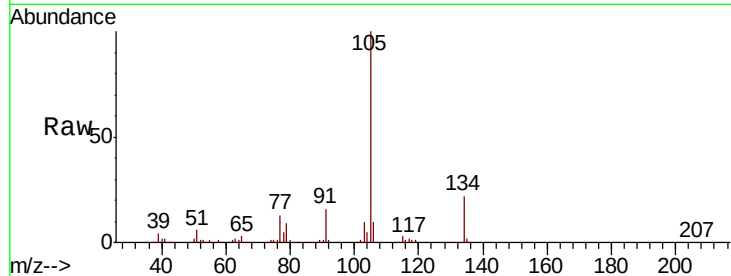
#85
 sec-Butylbenzene
 Concen: 19.512 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.6	31.8

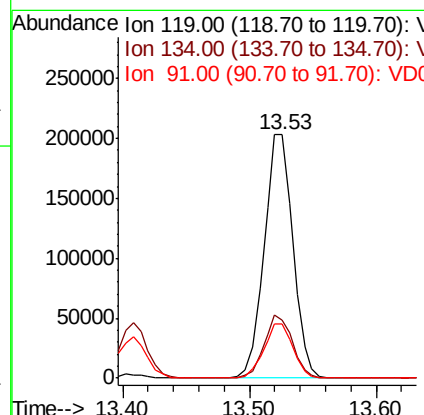
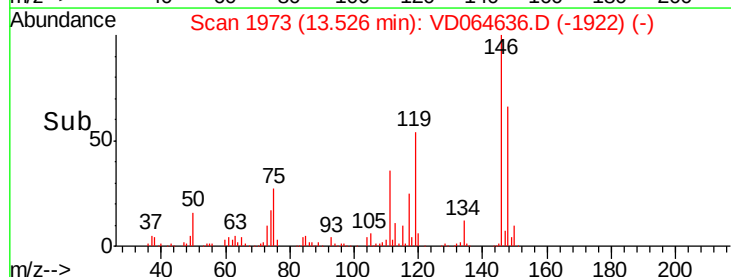
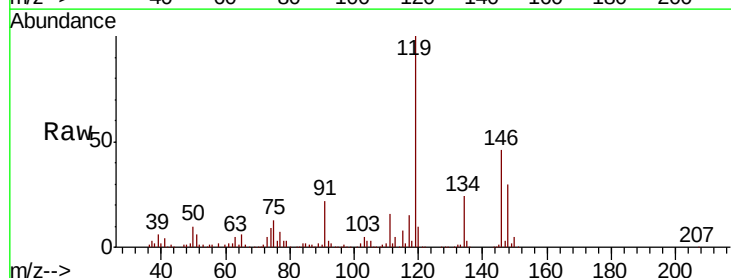
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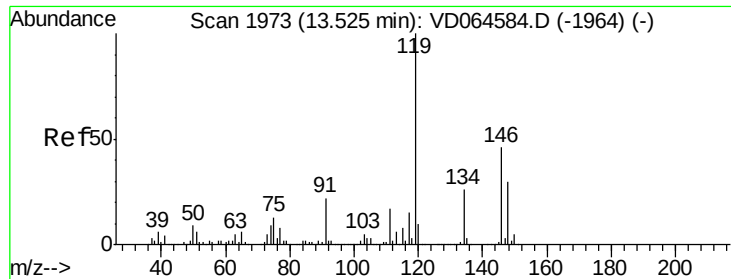
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#86
 p-Isopropyltoluene
 Concen: 19.220 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.4	40.1
91	22.8	11.2	33.6





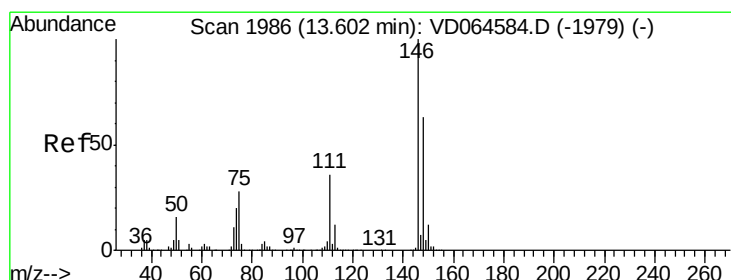
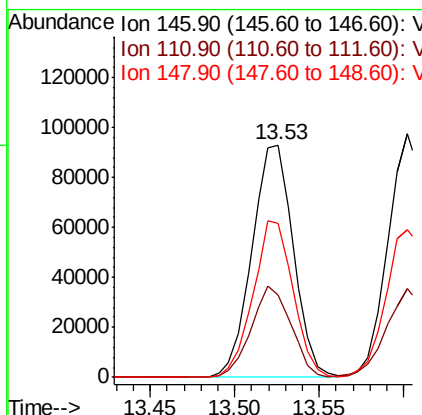
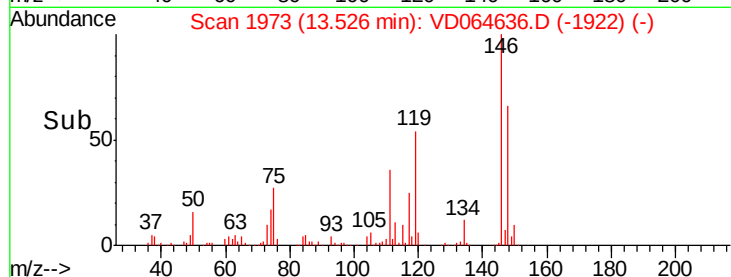
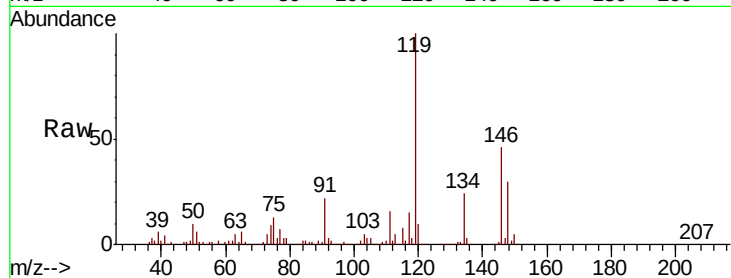
#87
 1,3-Dichlorobenzene
 Concen: 18.884 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	65.4	32.5	97.5

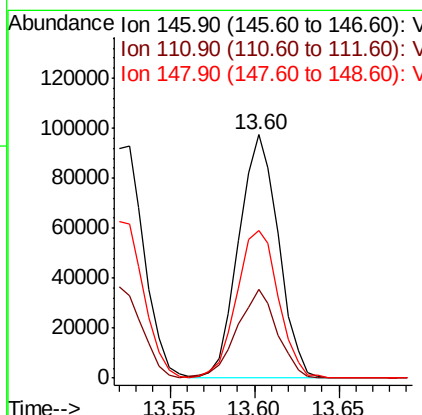
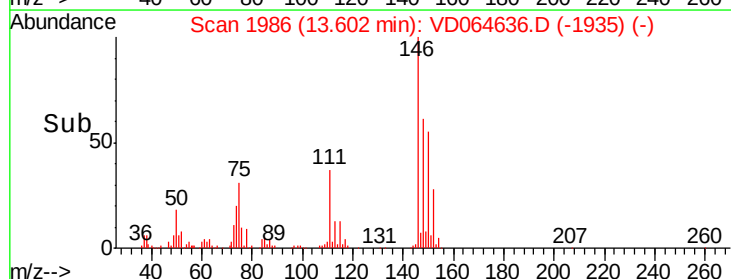
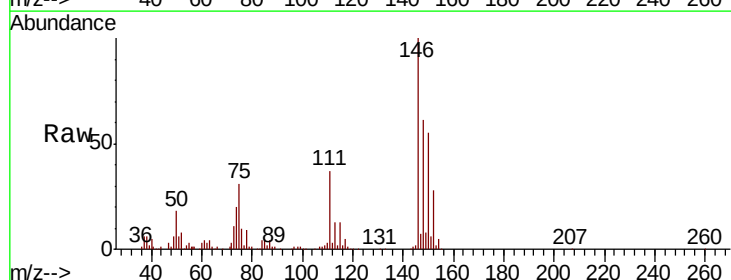
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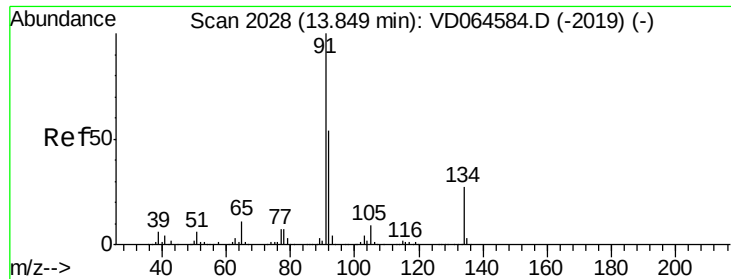
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.382 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	63.9	32.3	96.9





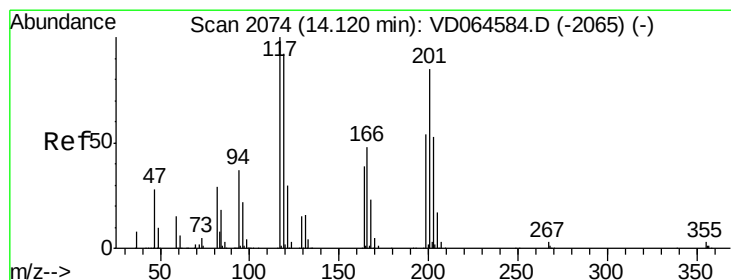
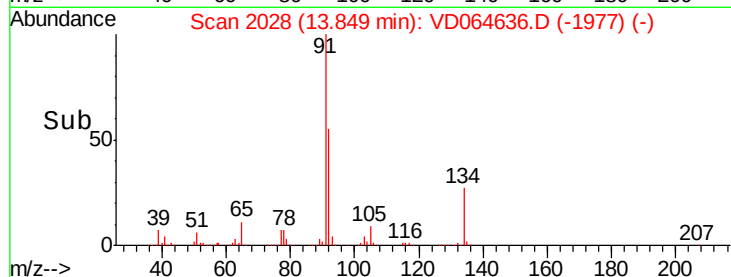
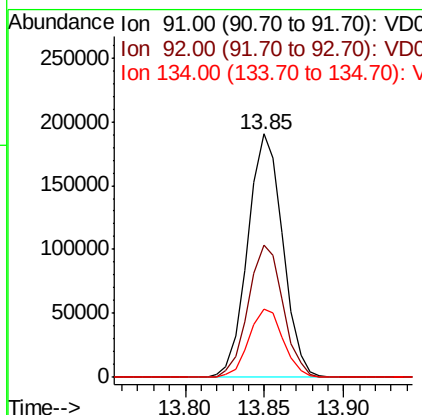
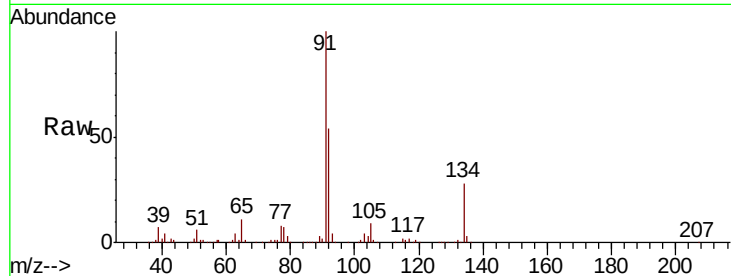
#89
n-Butylbenzene
Concen: 19.439 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	26.8	80.4	
134	27.8	14.0	41.9	

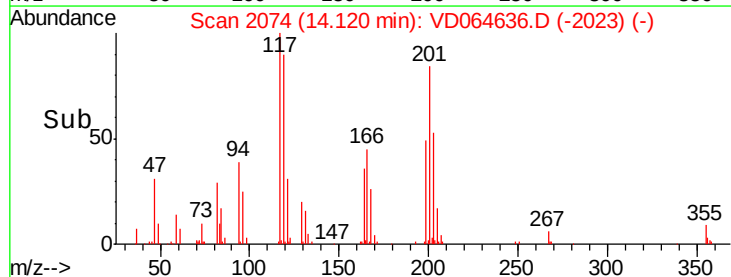
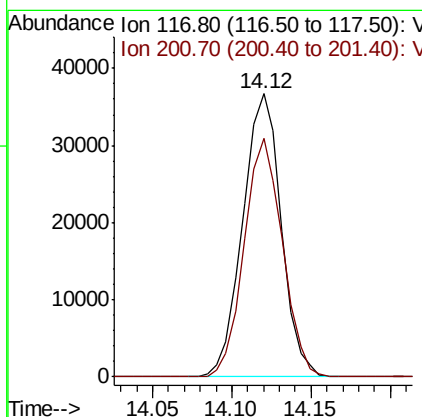
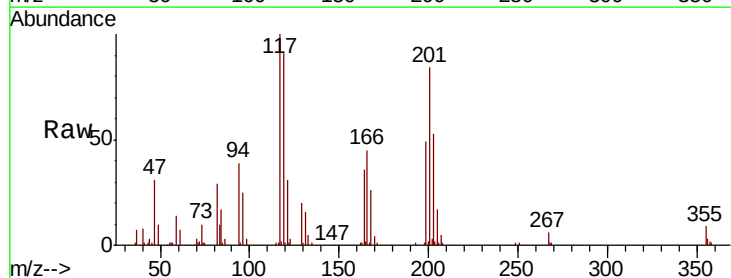
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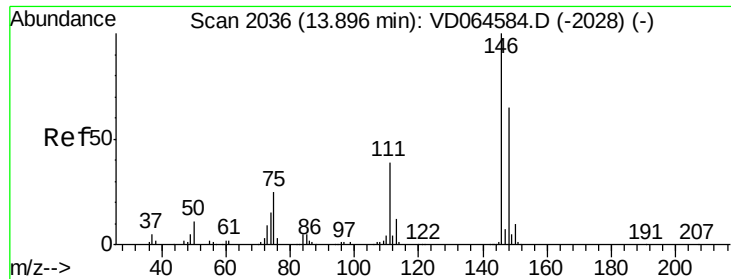
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#90
Hexachloroethane
Concen: 19.371 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.8	44.0	131.8	





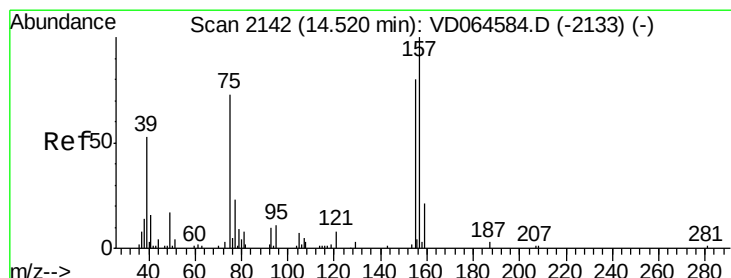
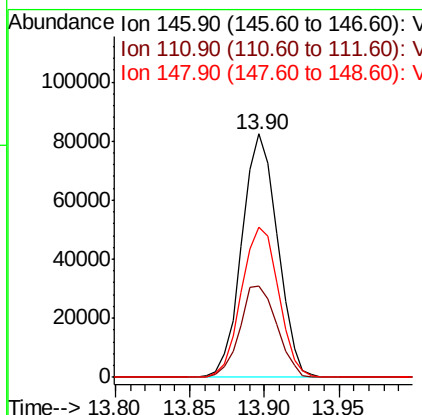
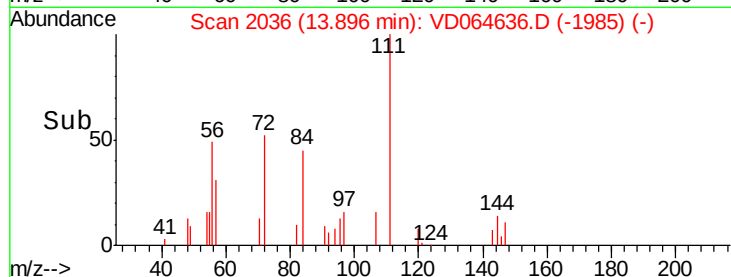
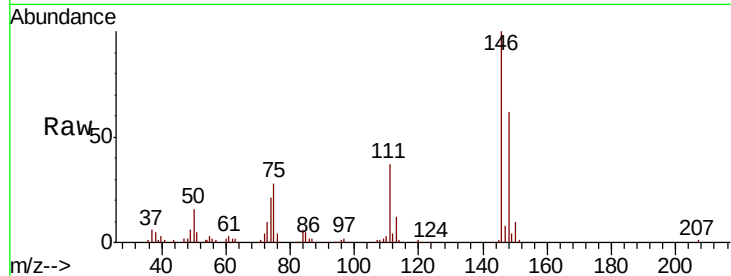
#91
 1,2-Dichlorobenzene
 Concen: 19.072 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	64.5	31.9	95.5

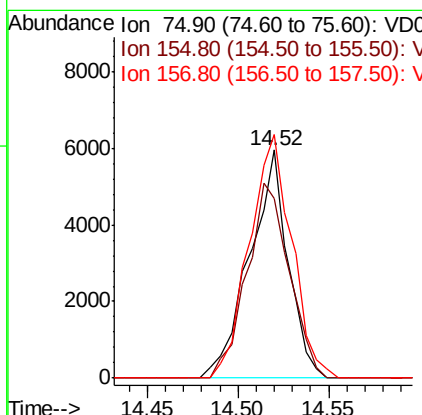
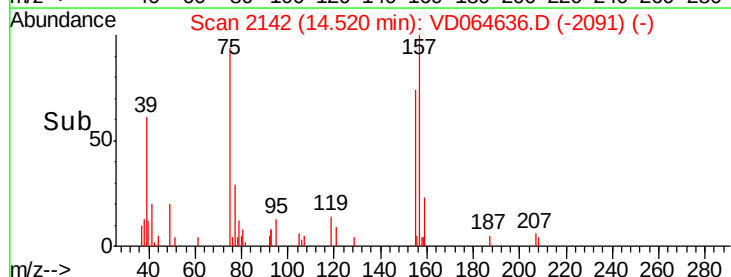
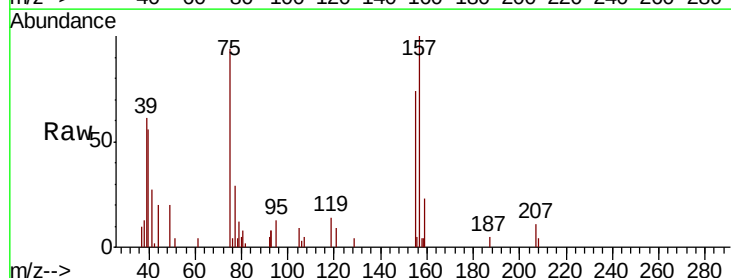
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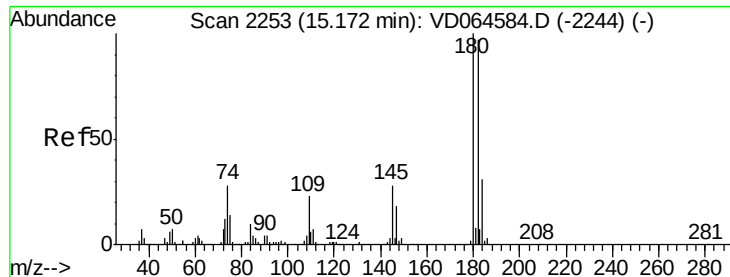
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.354 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	48.0	144.0
157	117.4	64.1	192.3





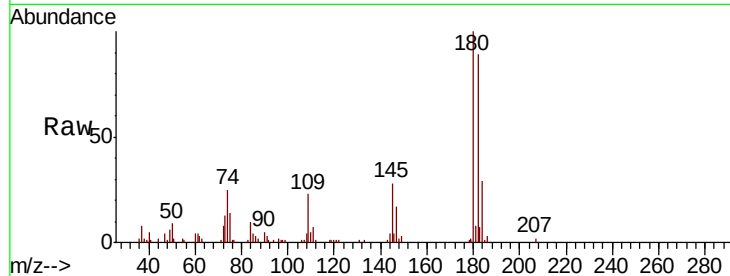
#93
 1,2,4-Trichlorobenzene
 Concen: 18.523 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1227SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	28.8	13.8	41.4

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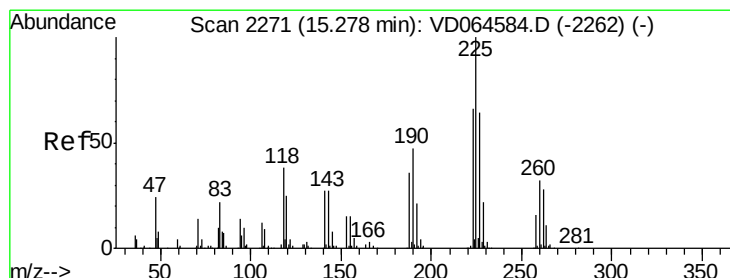
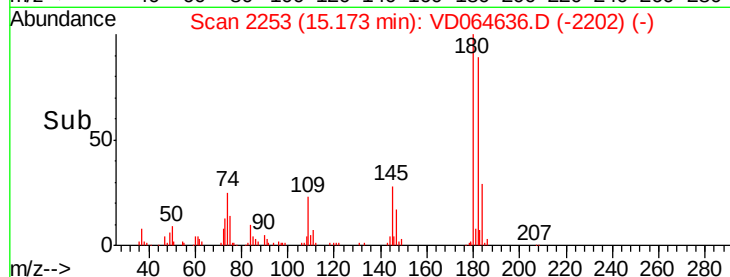
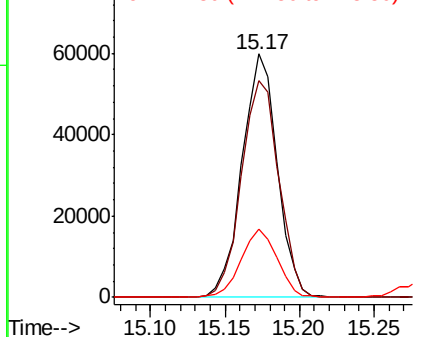


Abundance

Ion 179.80 (179.50 to 180.50): V

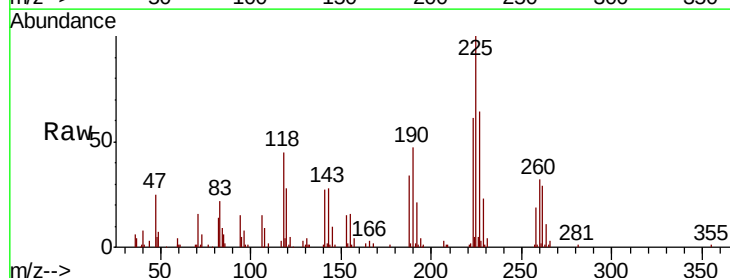
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.856 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064636.D
 Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	62.8	30.9	92.7

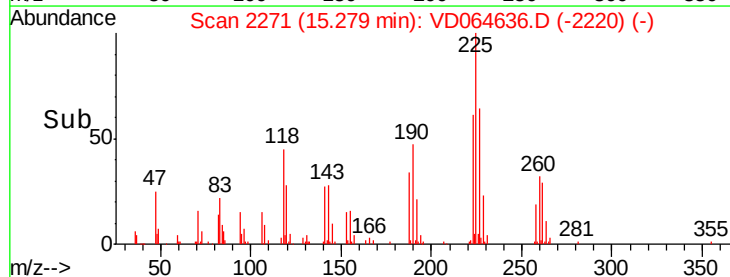
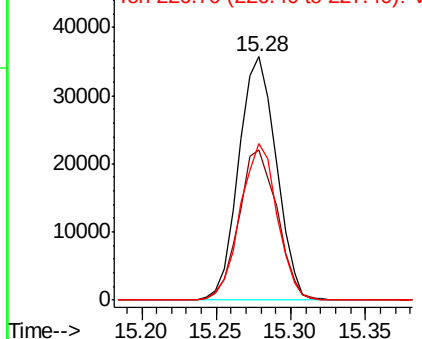


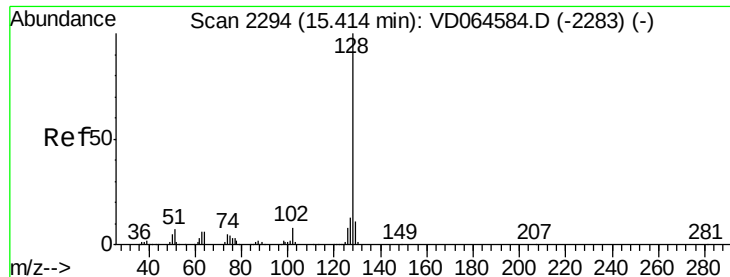
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





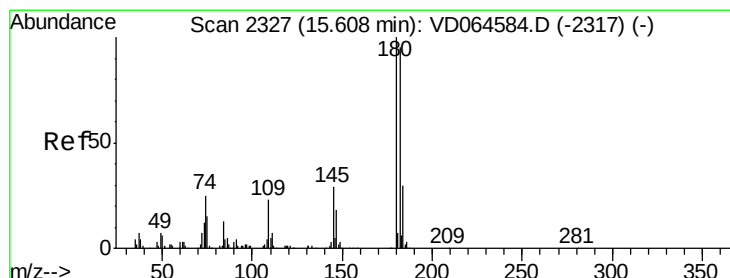
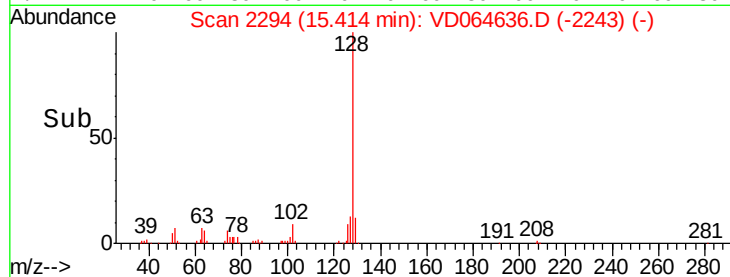
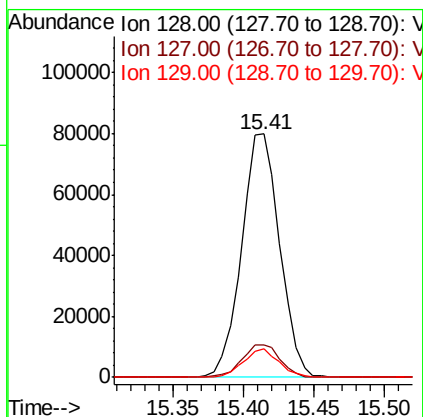
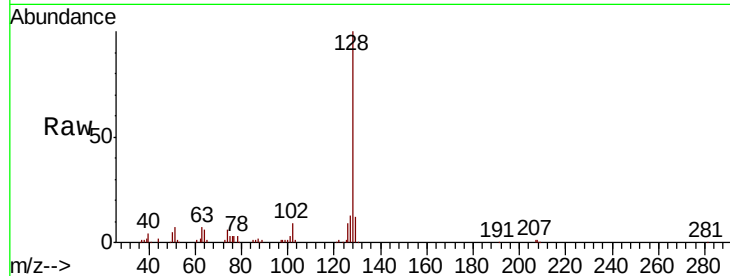
#95
Naphthalene
Concen: 18.121 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Instrument :
MSVOA_D
ClientSampleId :
VD1227SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.9	8.5	12.7

Manual Integrations
APPROVED

apatel
12/30/2019 11:03:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.106 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064636.D
Acq: 27 Dec 2019 11:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.7
145	29.3	14.9	44.7

