

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064632.D
 Acq On : 27 Dec 2019 08:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 12/27/2019 2:07:32 PM

Quant Time: Dec 27 08:42:22 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	331154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	525246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	482022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	180333	61.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.52%	
35) Dibromofluoromethane	7.92	113	177322	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
50) Toluene-d8	10.34	98	663871	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.64	95	211381	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	110958	43.115	ug/l	96
3) Chloromethane	2.21	50	187379	52.060	ug/l	99
4) Vinyl Chloride	2.35	62	210105	47.876	ug/l	100
5) Bromomethane	2.77	94	165616	51.903	ug/l	97
6) Chloroethane	2.92	64	155143	52.760	ug/l	97
7) Trichlorofluoromethane	3.27	101	346850	46.940	ug/l	100
8) Diethyl Ether	3.71	74	81291	55.400	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	139169	45.477	ug/l	98
10) Methyl Iodide	4.29	142	181316	55.160	ug/l	100
11) Tert butyl alcohol	5.26	59	48560	290.169	ug/l	99
12) 1,1-Dichloroethene	4.06	96	144204	49.496	ug/l	95
13) Acrolein	3.93	56	60853	260.916	ug/l	98
14) Allyl chloride	4.71	41	242662	53.421	ug/l	99
15) Acrylonitrile	5.43	53	185103	302.854	ug/l	98
16) Acetone	4.17	43	141365	227.831	ug/l	93
17) Carbon Disulfide	4.40	76	466204	49.488	ug/l	99
18) Methyl Acetate	4.72	43	95229	57.926	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	380076	58.734	ug/l	94
20) Methylene Chloride	4.96	84	184503	63.056	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	176129	53.083	ug/l	97
22) Diisopropyl ether	6.37	45	514878	56.828	ug/l	97
23) Vinyl Acetate	6.31	43	1571801	305.826	ug/l	99
24) 1,1-Dichloroethane	6.27	63	305340	56.137	ug/l	98
25) 2-Butanone	7.22	43	228525	284.710	ug/l	95
26) 2,2-Dichloropropane	7.21	77	225657	44.622	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	197990	55.291	ug/l	99
28) Bromochloromethane	7.55	49	130815	61.870	ug/l	98
29) Tetrahydrofuran	7.57	42	154199	308.921	ug/l	99
30) Chloroform	7.71	83	326283	57.176	ug/l	98
31) Cyclohexane	7.99	56	234552	43.080	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	273855	51.092	ug/l	99
36) 1,1-Dichloropropene	8.11	75	228308	45.160	ug/l	100
37) Ethyl Acetate	7.30	43	109168	54.967	ug/l	97
38) Carbon Tetrachloride	8.10	117	244910	45.433	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	254849	41.621	ug/l	95
40) Benzene	8.36	78	703373	50.966	ug/l	98
41) Methacrylonitrile	7.53	41	61303	53.200	ug/l	94
42) 1,2-Dichloroethane	8.43	62	211762	53.098	ug/l	100
43) Isopropyl Acetate	8.46	43	212029	53.637	ug/l	98
44) Trichloroethene	9.11	130	199355	49.171	ug/l	93
45) 1,2-Dichloropropane	9.39	63	170436	51.723	ug/l	100
46) Dibromomethane	9.48	93	99059	53.920	ug/l	97
47) Bromodichloromethane	9.66	83	256719	52.514	ug/l	95
48) Methyl methacrylate	9.46	41	101746	54.663	ug/l	92
49) 1,4-Dioxane	9.47	88	23635	1115.718	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	551474	282.240	ug/l	99
52) Toluene	10.40	92	455607	50.319	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	240463	52.759	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	272692	50.741	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	131674	53.183	ug/l	98
56) Ethyl methacrylate	10.66	69	169465	54.806	ug/l	97
57) 1,3-Dichloropropane	10.94	76	228619	53.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	309243	262.504	ug/l	98
59) 2-Hexanone	10.99	43	366778	276.571	ug/l	99
60) Dibromochloromethane	11.14	129	182006	53.159	ug/l	98
61) 1,2-Dibromoethane	11.25	107	130993	53.642	ug/l	99
64) Tetrachloroethene	10.88	164	165061	44.635	ug/l	98
65) Chlorobenzene	11.67	112	489367	48.916	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	191742	50.840	ug/l	99
67) Ethyl Benzene	11.75	91	859626	47.340	ug/l	97
68) m/p-Xylenes	11.86	106	667261	95.204	ug/l	97
69) o-Xylene	12.18	106	311399	49.189	ug/l	100
70) Styrene	12.20	104	561350	50.517	ug/l	98
71) Bromoform	12.37	173	111910	52.032	ug/l	99
73) Isopropylbenzene	12.48	105	812727	48.278	ug/l	100
74) N-amyl acetate	12.29	43	198364	55.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	142988	54.069	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	83268m	44.763	ug/l	
77) Bromobenzene	12.77	156	212947	51.480	ug/l	99
78) n-propylbenzene	12.83	91	940440	47.885	ug/l	99
79) 2-Chlorotoluene	12.91	91	532701	49.376	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	678220	49.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	42543	47.832	ug/l	97
82) 4-Chlorotoluene	13.01	91	564827	49.195	ug/l	99
83) tert-Butylbenzene	13.23	119	584912	48.715	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	687234	49.899	ug/l	98
85) sec-Butylbenzene	13.41	105	774395	47.045	ug/l	100
86) p-Isopropyltoluene	13.52	119	740866	47.071	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	386615	49.029	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	384472	49.632	ug/l	99
89) n-Butylbenzene	13.85	91	629818	44.435	ug/l	99
90) Hexachloroethane	14.12	117	146119	48.600	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	340636	50.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22960	53.556	ug/l	96

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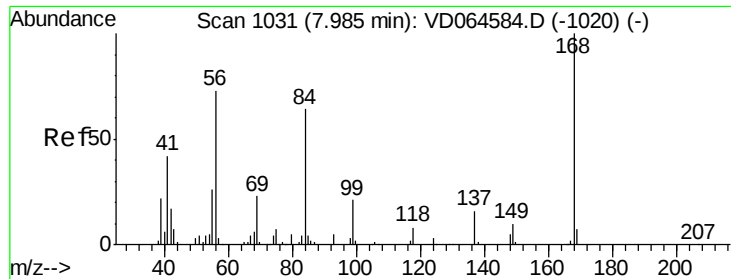
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	235808	47.629	ug/l	99
94) Hexachlorobutadiene	15.28	225	130474	41.879	ug/l	97
95) Naphthalene	15.41	128	420635	53.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	211045	49.932	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: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 331154

Ion Ratio Lower Upper

168 100

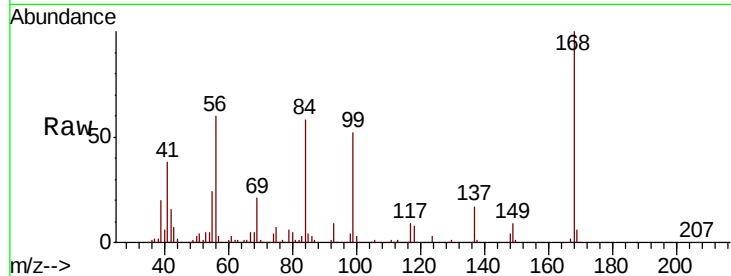
99 52.2 41.8 62.6

Manual Integrations

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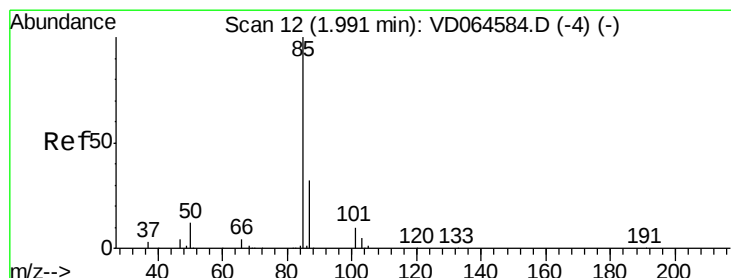
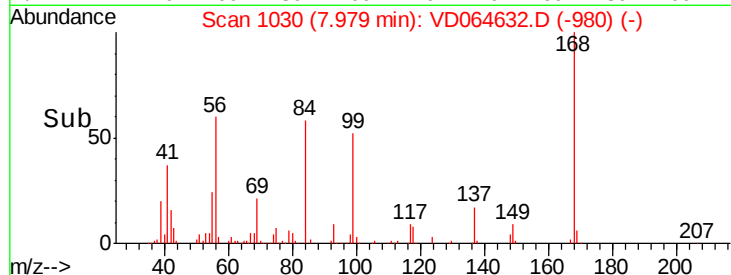
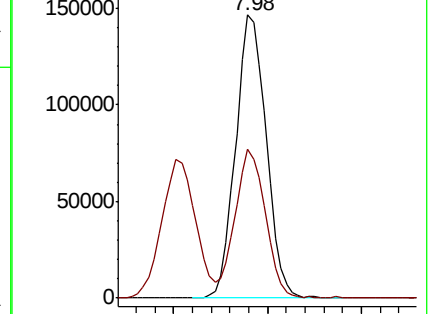
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 43.115 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064632.D

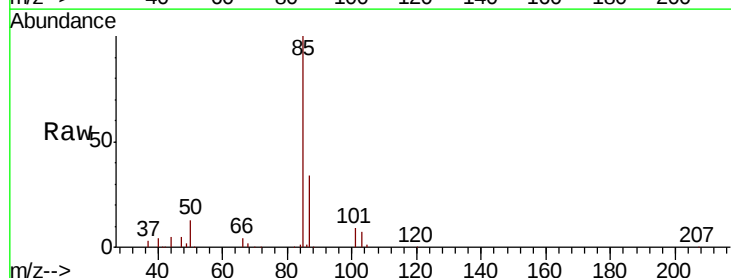
Acq: 27 Dec 2019 08:16

Tgt Ion: 85 Resp: 110958

Ion Ratio Lower Upper

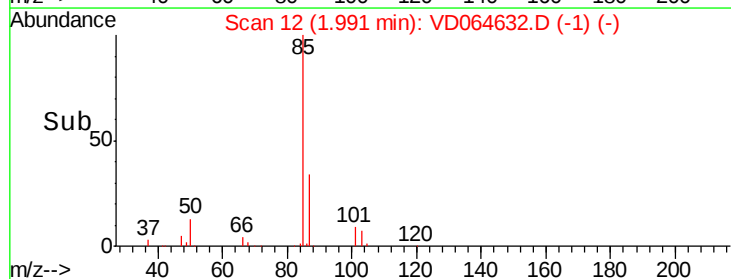
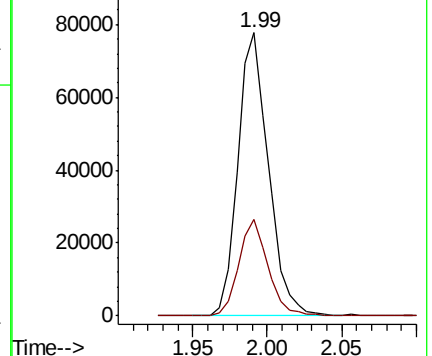
85 100

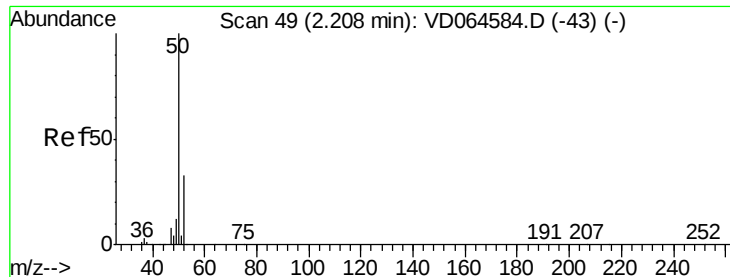
87 34.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 52.060 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 187379

Ion Ratio Lower Upper

50 100

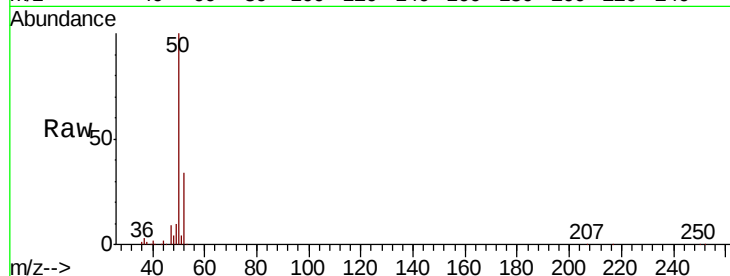
52 33.7 26.5 39.7

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

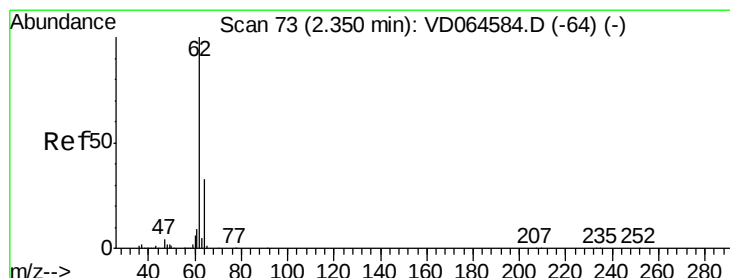
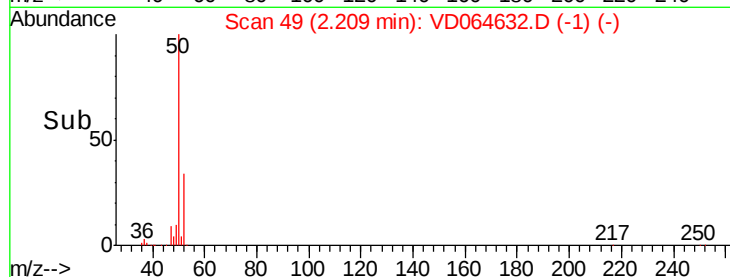
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.876 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064632.D

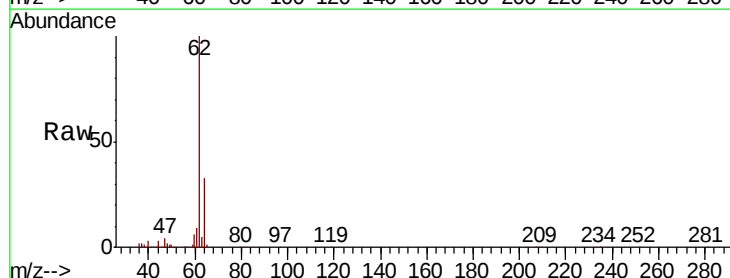
Acq: 27 Dec 2019 08:16

Tgt Ion: 62 Resp: 210105

Ion Ratio Lower Upper

62 100

64 33.1 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

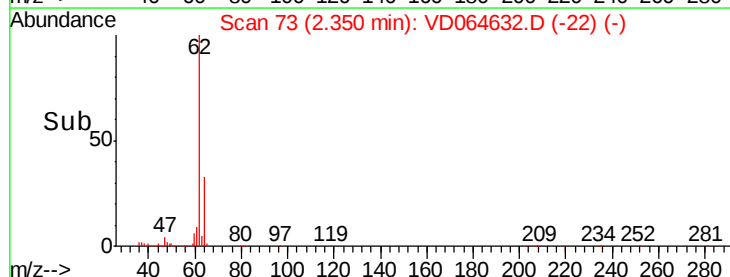
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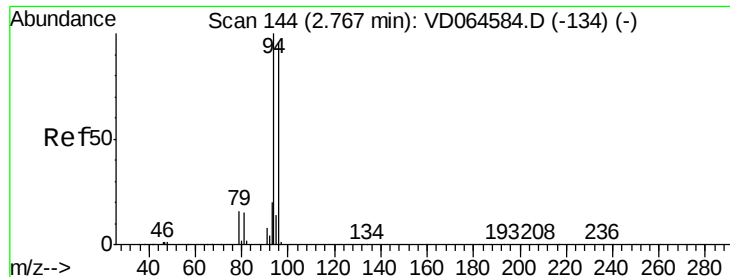
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.903 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 165616

Ion Ratio Lower Upper

94 100

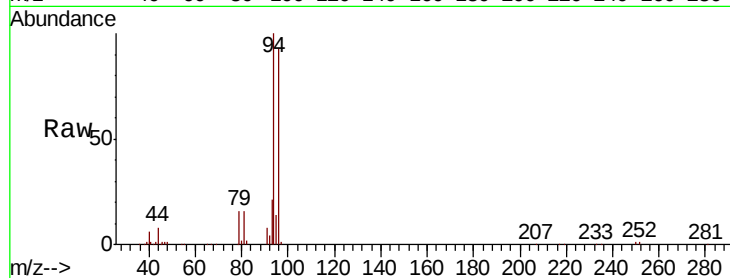
96 93.3 77.2 115.8

Manual Integrations

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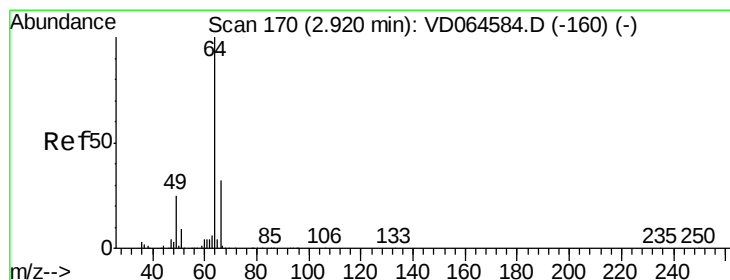
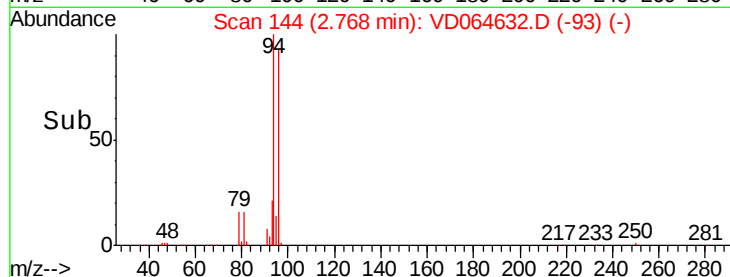
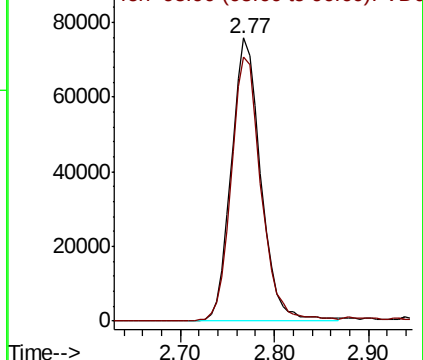
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.760 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD064632.D

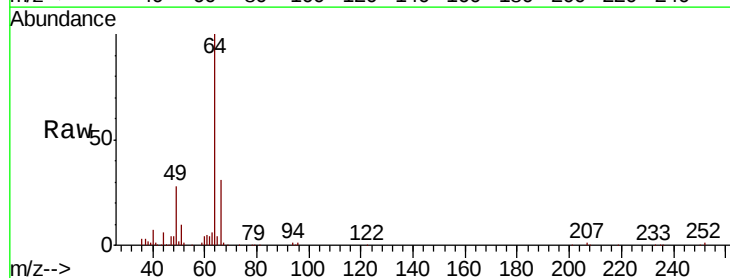
Acq: 27 Dec 2019 08:16

Tgt Ion: 64 Resp: 155143

Ion Ratio Lower Upper

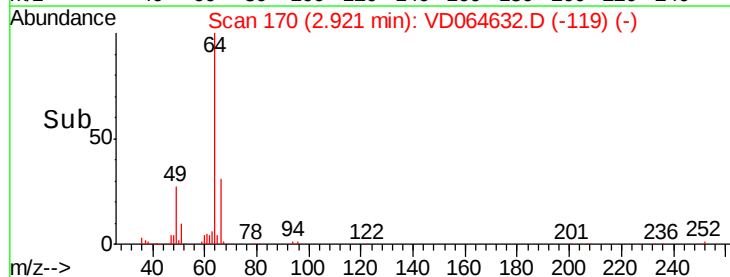
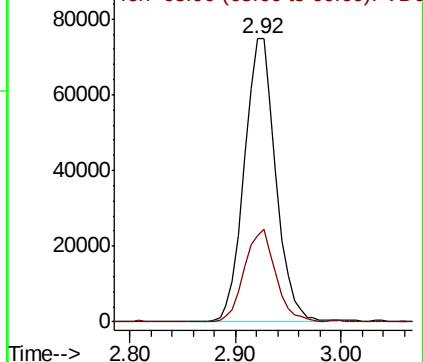
64 100

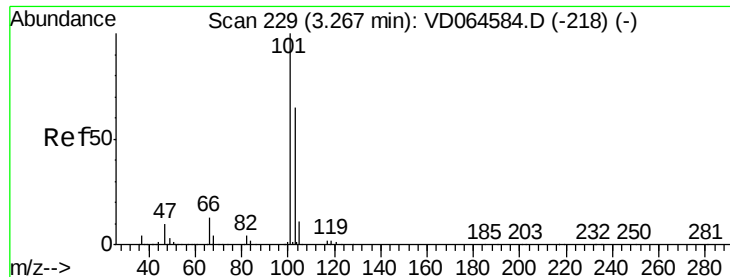
66 30.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

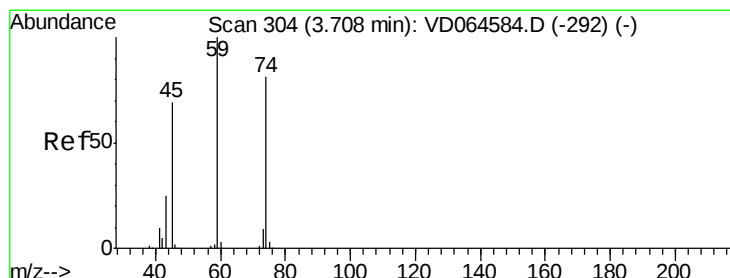
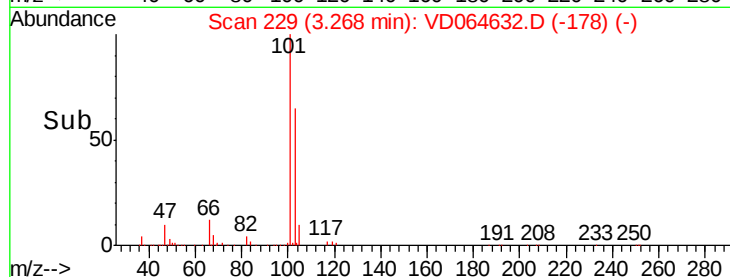
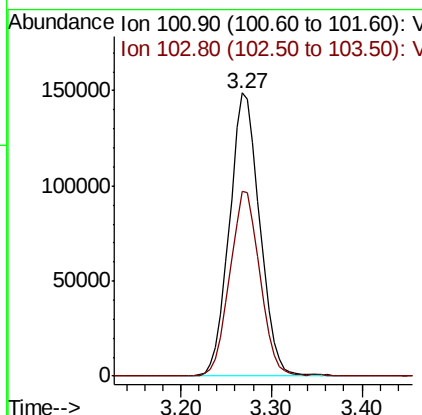
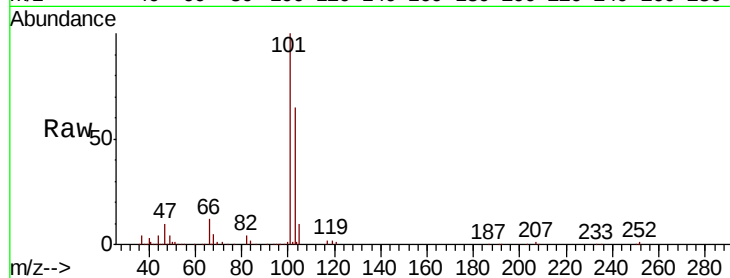
Trichlorofluoromethane
Concen: 46.940 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.4

Manual Integrations
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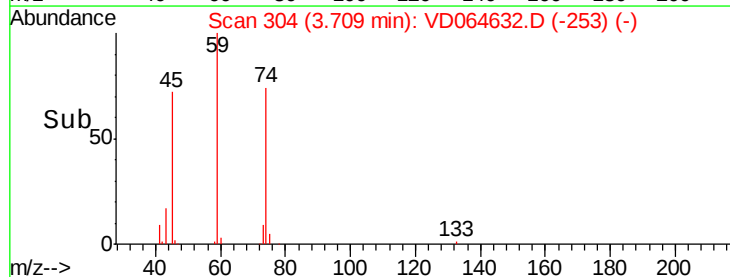
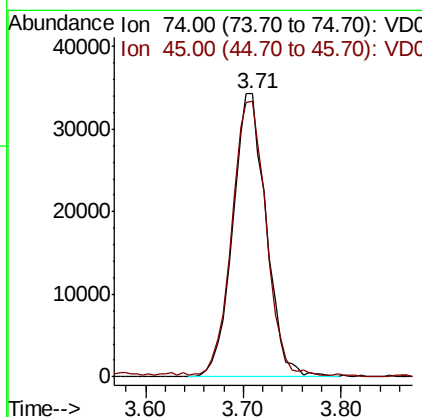
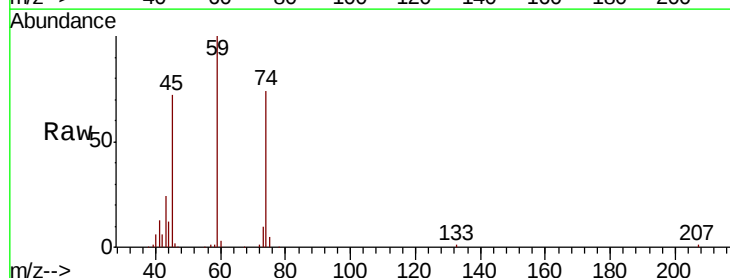
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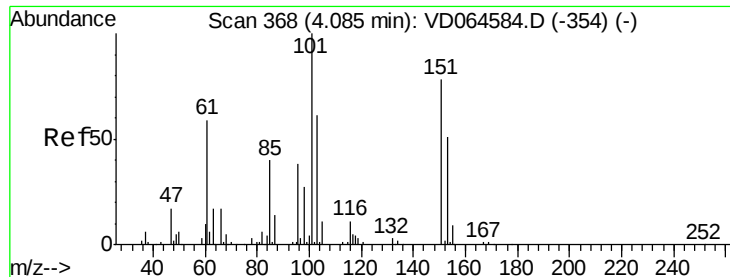


#8

Diethyl Ether
Concen: 55.400 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.477 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

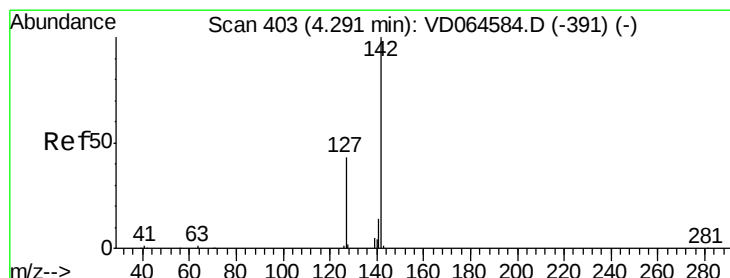
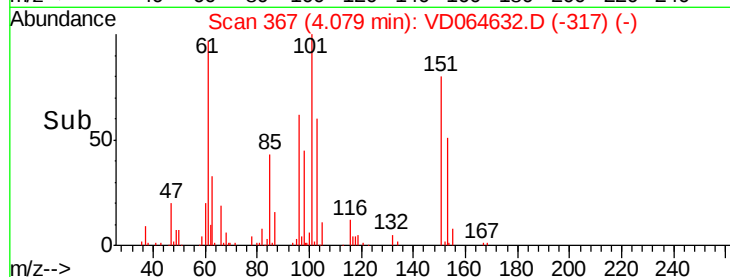
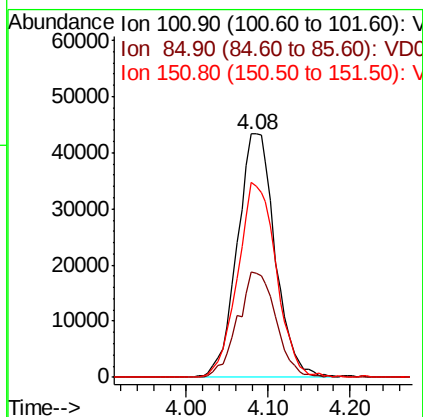
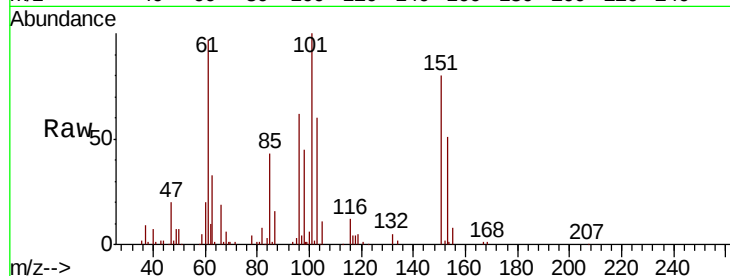
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	139169
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.2	52.8
151	81.0	66.2	99.4

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#10

Methyl Iodide

Concen: 55.160 ug/l

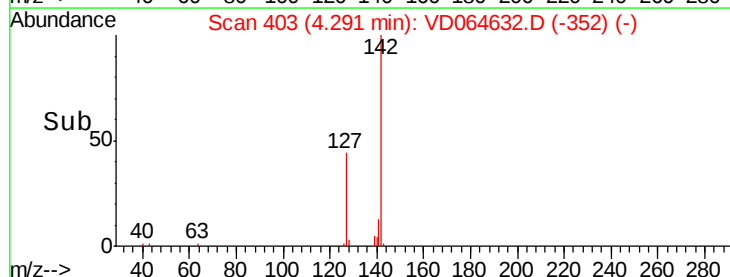
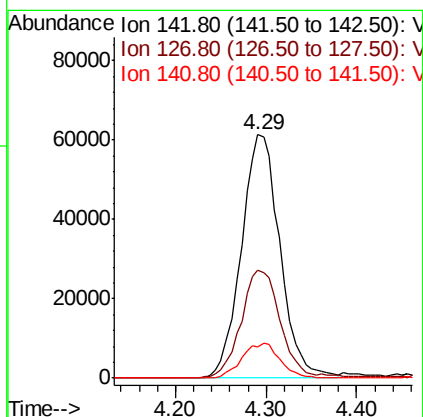
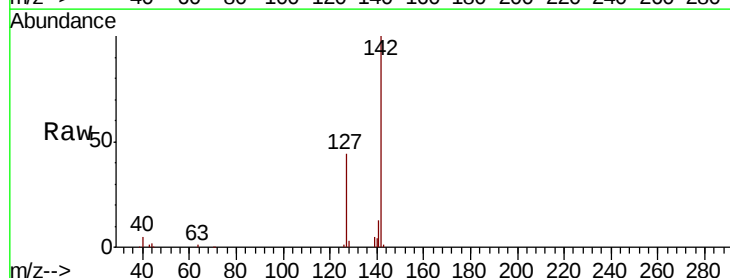
RT: 4.29 min Scan# 403

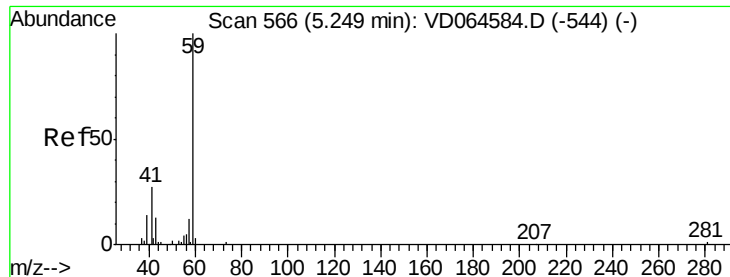
Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion:	142	Resp:	181316
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.2	54.4
141	14.2	11.8	17.8





#11

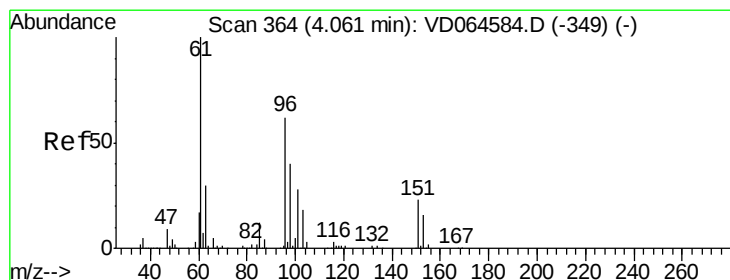
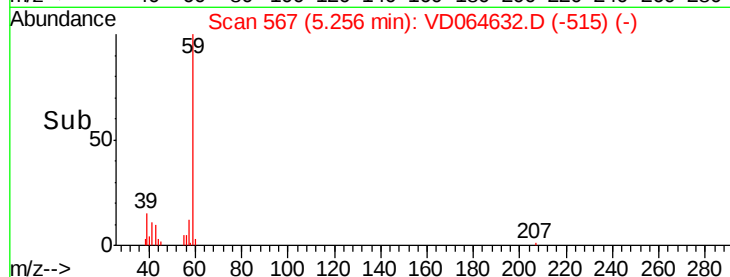
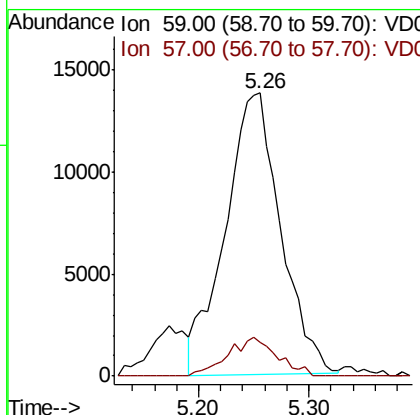
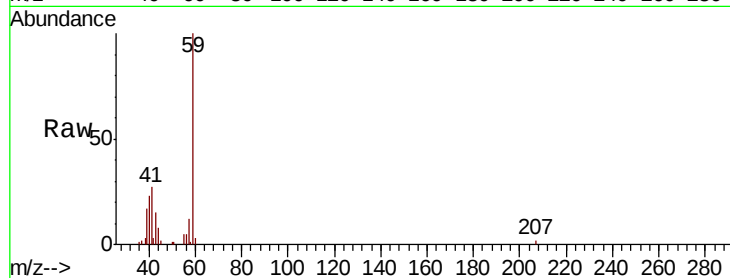
Tert butyl alcohol
 Concen: 290.169 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	12.1	9.3	13.9

Manual Integrations
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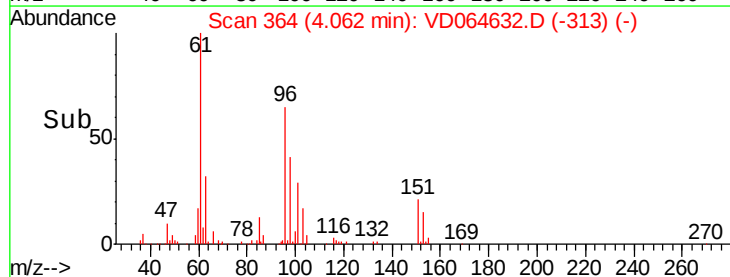
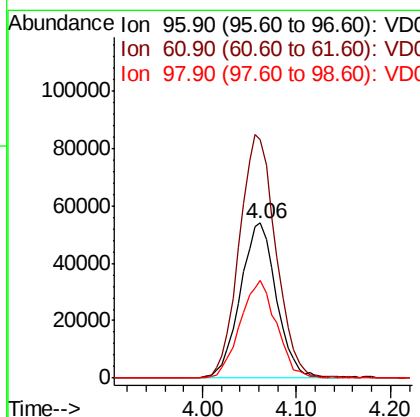
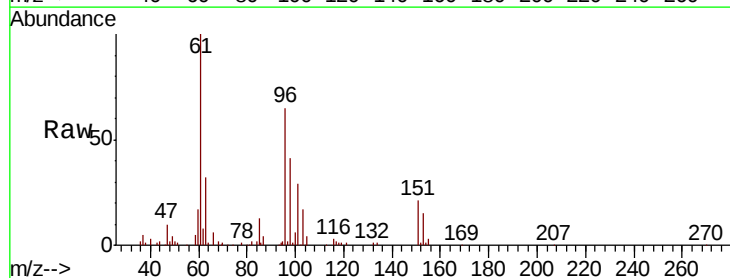
apatel
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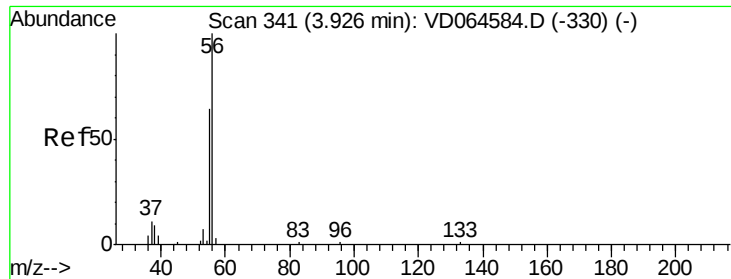


#12

1,1-Dichloroethene
 Concen: 49.496 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	153.8	129.4	194.0
98	98	63.0	51.4	77.0





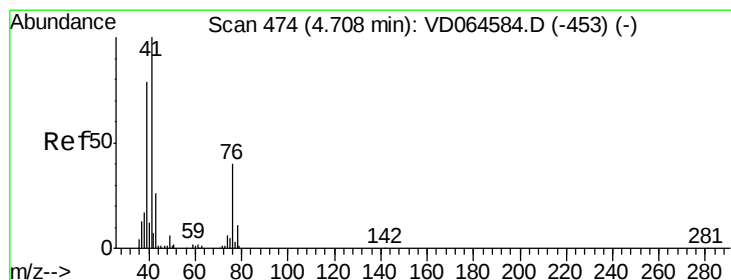
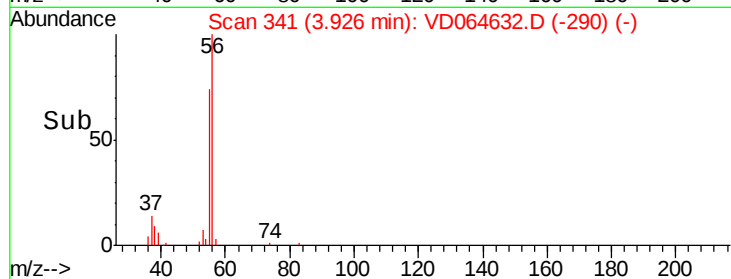
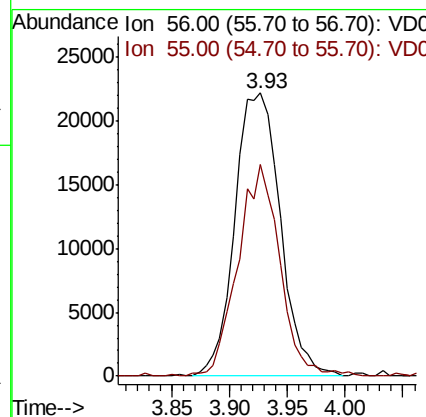
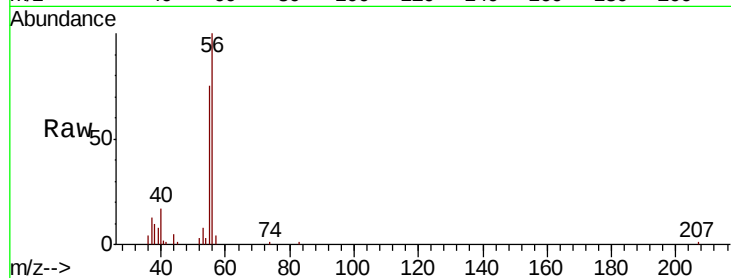
#13
Acrolein
Concen: 260.916 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	60853
Ion Ratio	100	Lower	Upper
55	68.9	56.7	85.1

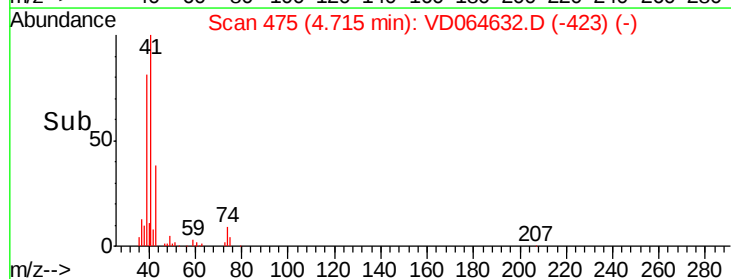
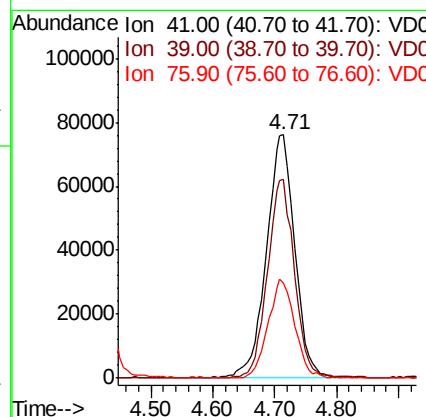
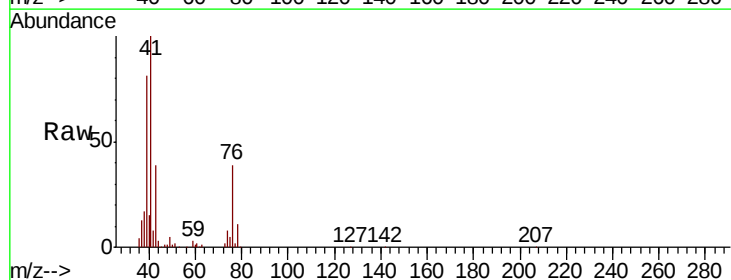
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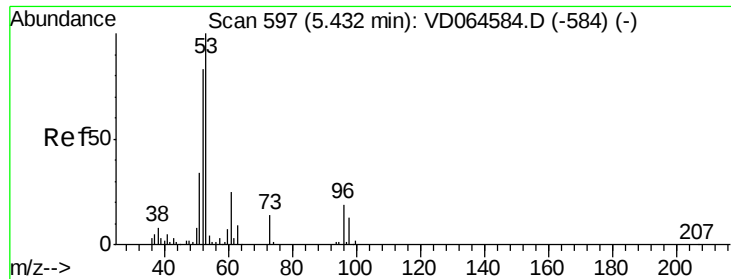
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#14
Allyl chloride
Concen: 53.421 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	41	Resp	242662
Ion Ratio	100	Lower	Upper
39	77.3	62.3	93.5
76	38.2	29.7	44.5





#15

Acrylonitrile

Concen: 302.854 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

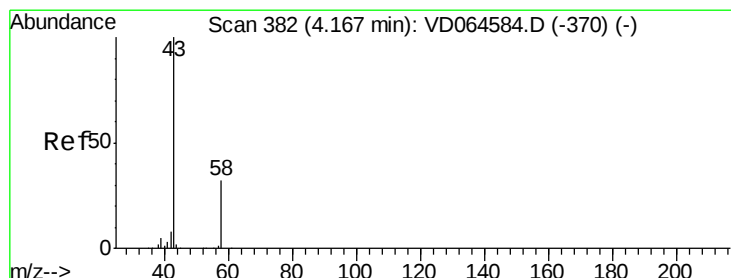
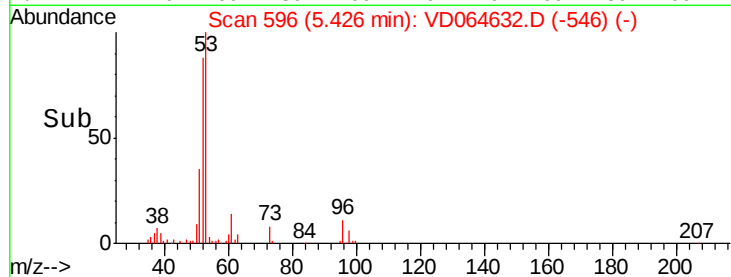
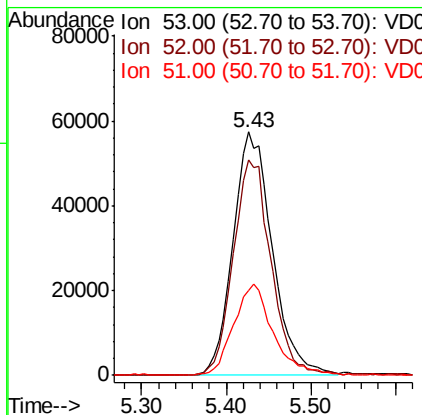
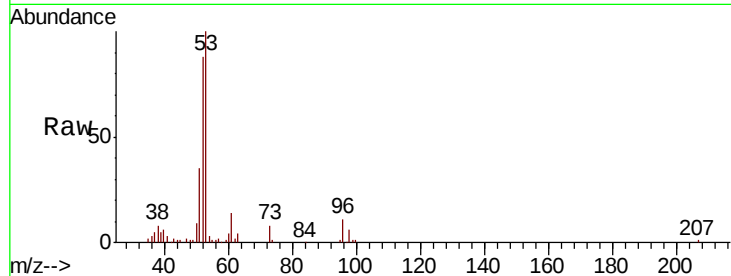
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	185103
Ion Ratio		Lower	Upper
53	100		
52	84.9	66.2	99.2
51	37.7	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 227.831 ug/l

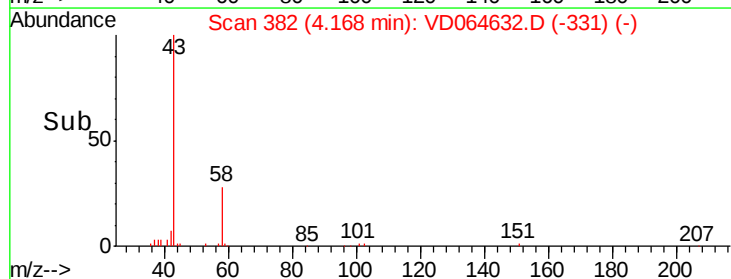
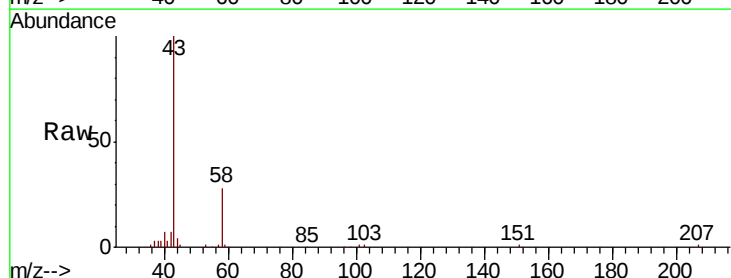
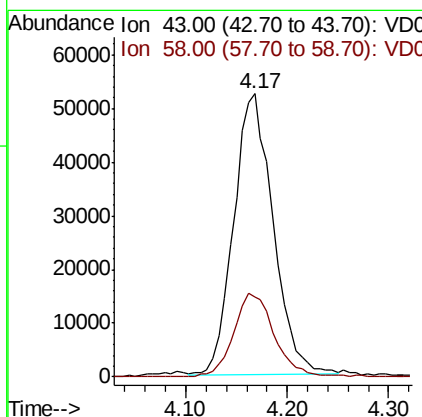
RT: 4.17 min Scan# 382

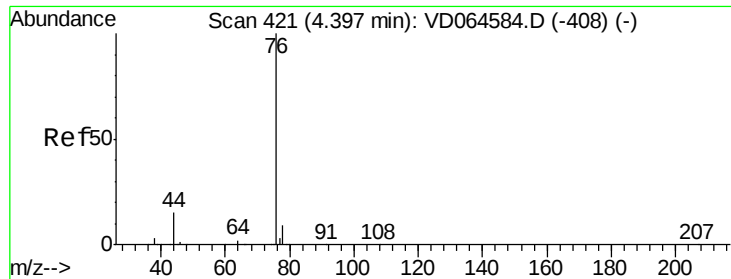
Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion:	43	Resp:	141365
Ion Ratio		Lower	Upper
43	100		
58	28.6	25.8	38.6





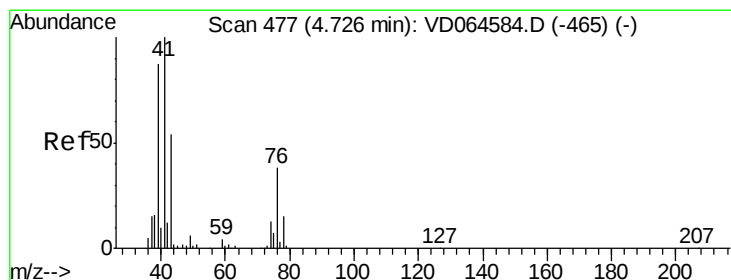
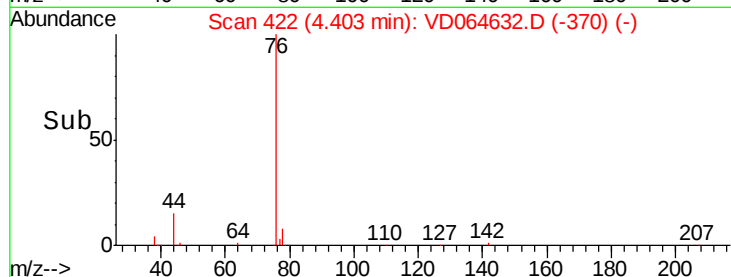
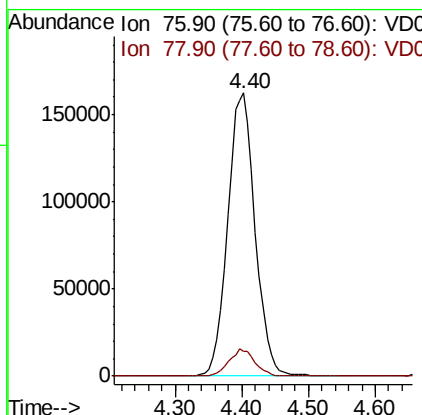
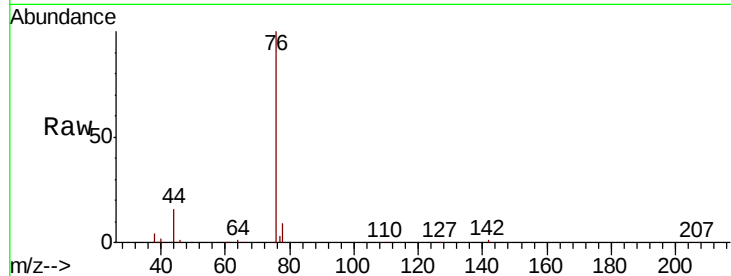
#17
Carbon Disulfide
Concen: 49.488 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

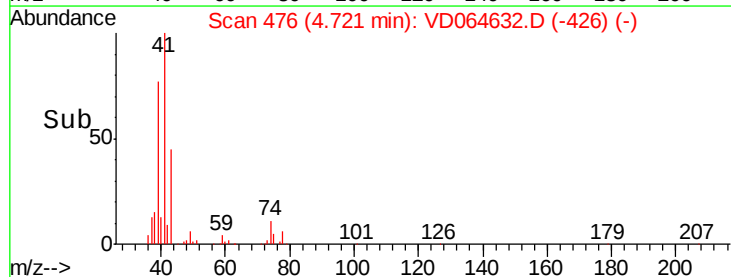
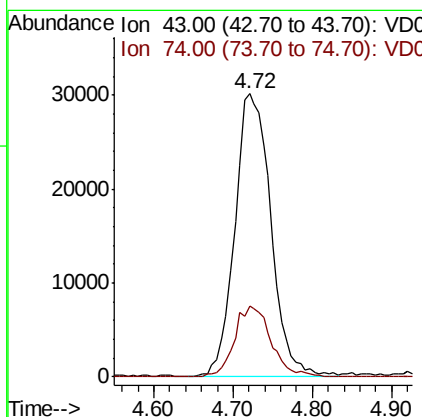
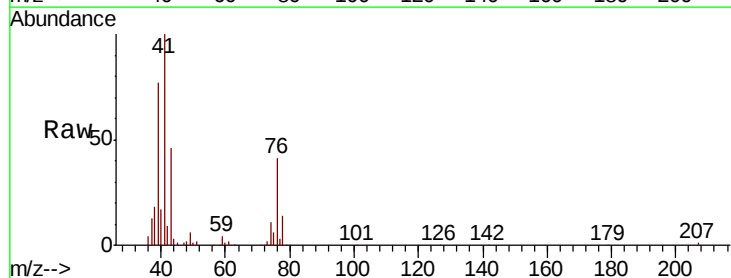
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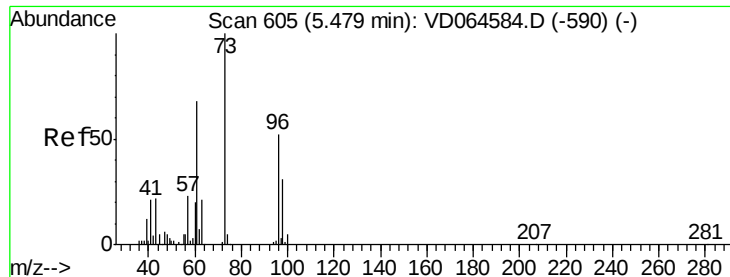
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#18
Methyl Acetate
Concen: 57.926 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.2	28.8





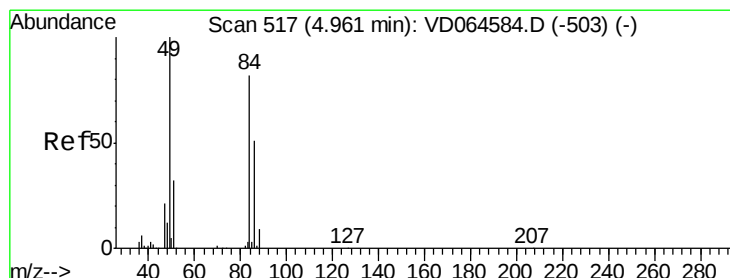
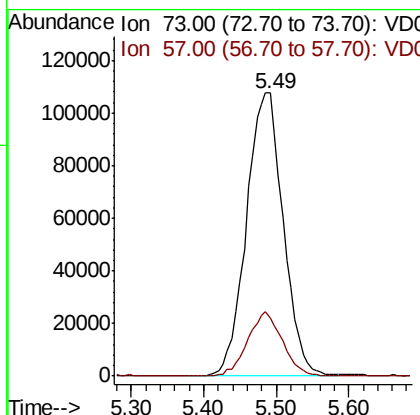
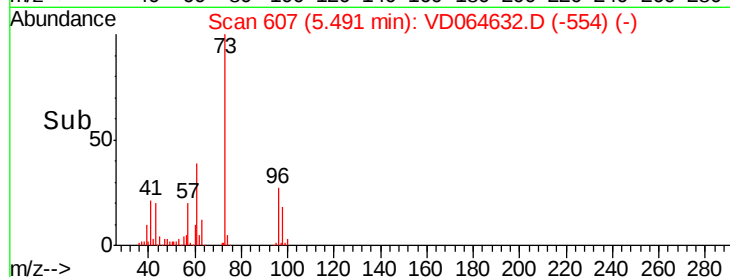
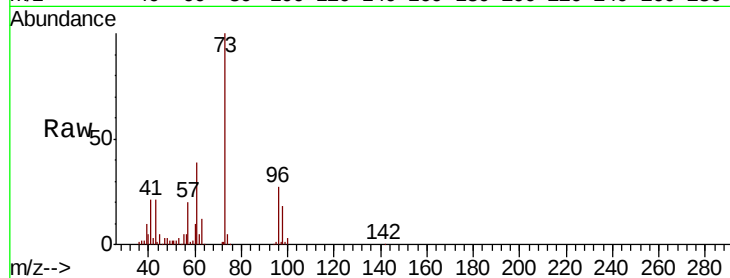
#19
Methvl tert-butvl Ether
Concen: 58.734 ug/l
RT: 5.49 min Scan# 607
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 380076
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8

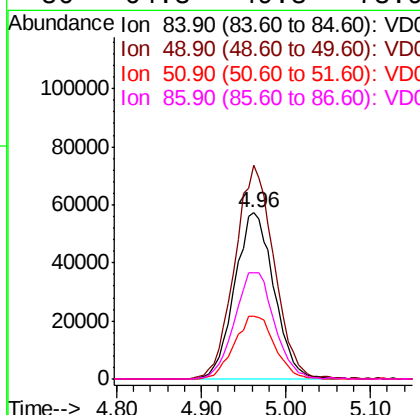
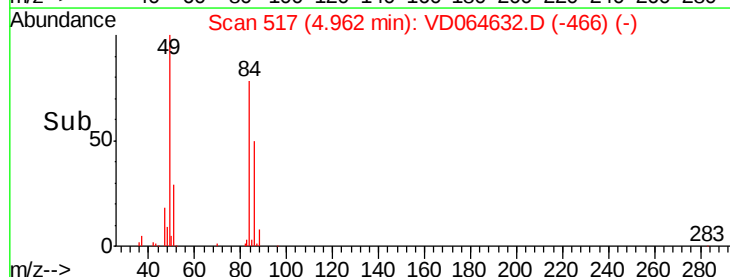
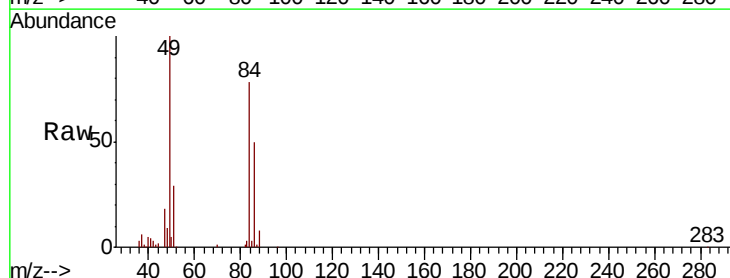
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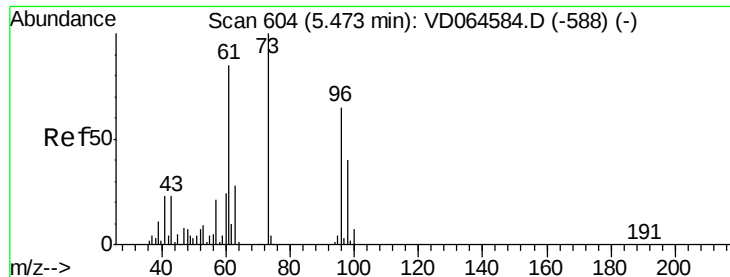
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#20
Methylene Chloride
Concen: 63.056 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 84 Resp: 184503
Ion Ratio Lower Upper
84 100
49 128.7 97.2 145.8
51 37.6 31.4 47.0
86 64.3 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 53.083 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 176129

Ion Ratio Lower Upper

96 100

61 134.5 104.7 157.1

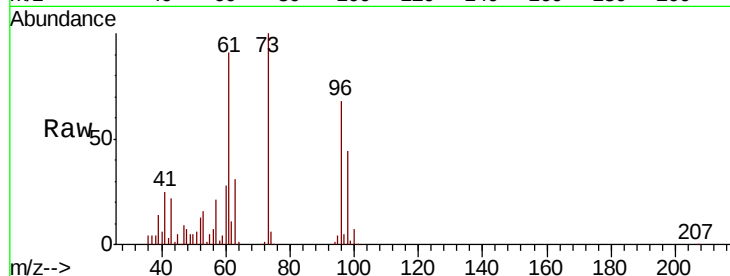
98 64.4 49.4 74.2

Manual Integrations

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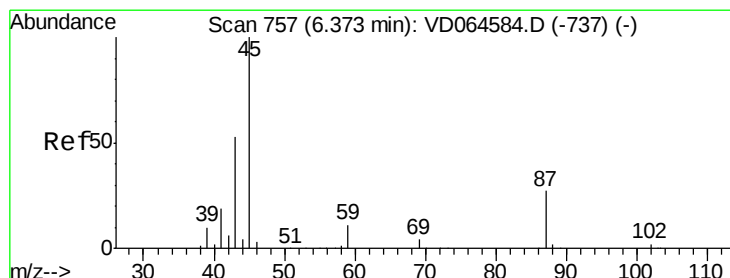
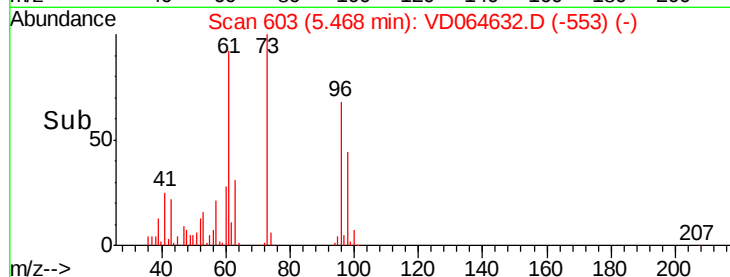
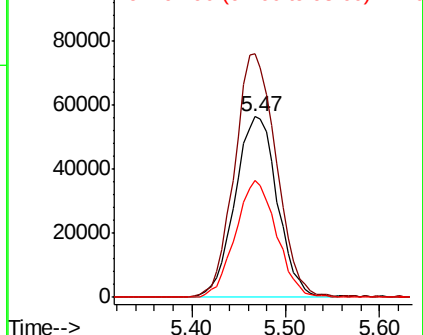


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 56.828 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion: 45 Resp: 514878

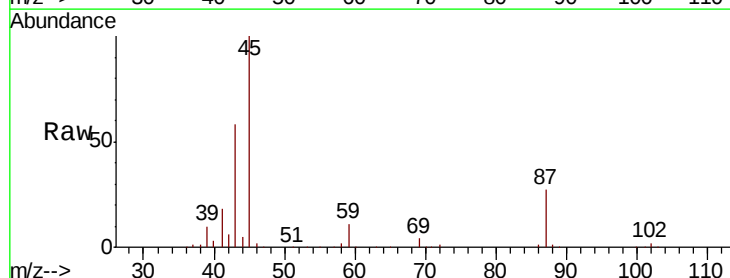
Ion Ratio Lower Upper

45 100

43 57.3 43.2 64.8

87 26.8 21.9 32.9

59 10.8 9.0 13.4



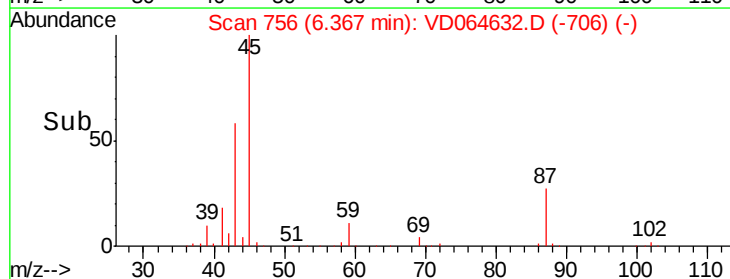
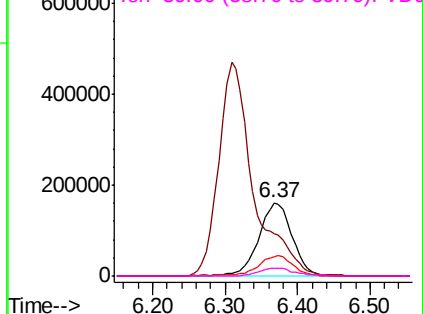
Abundance

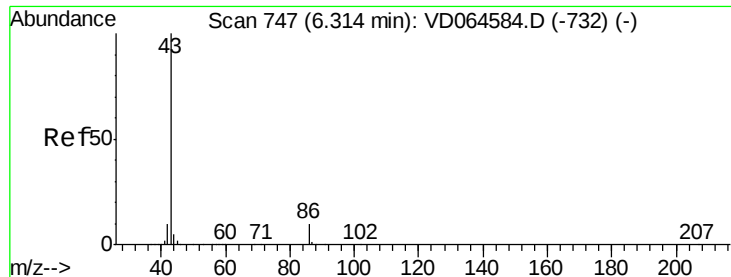
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 305.826 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1571801

Ion Ratio Lower Upper

43 100

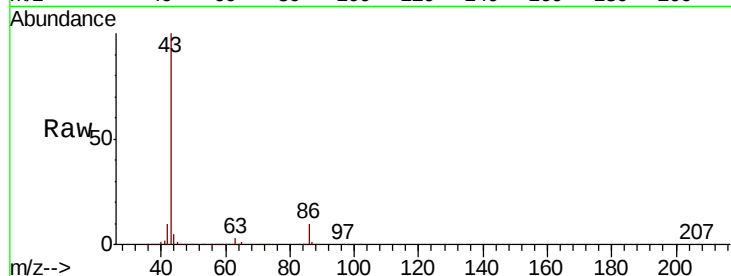
86 10.1 8.3 12.5

Manual Integrations

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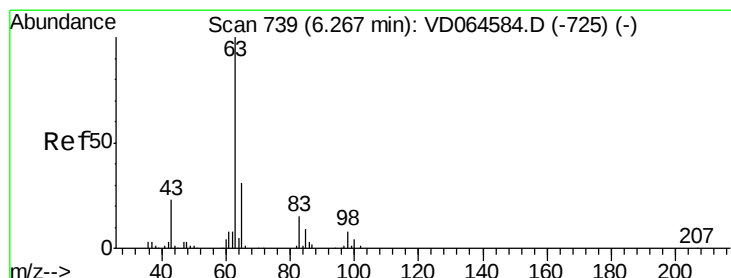
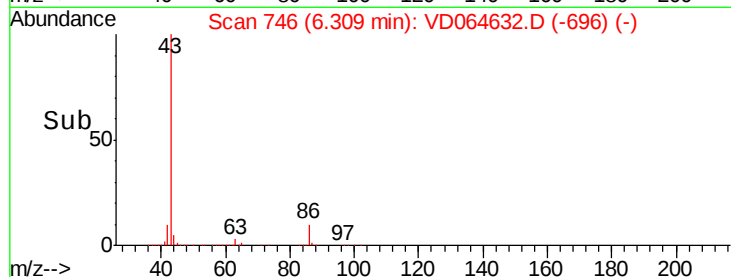
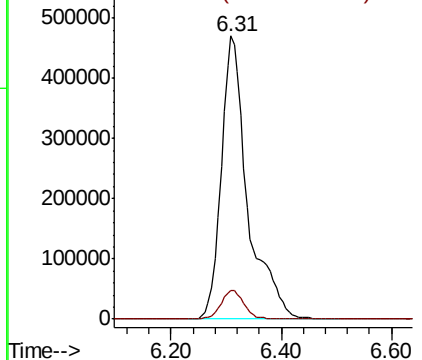
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 56.137 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

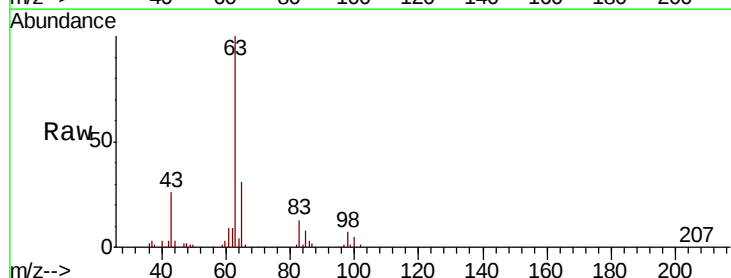
Tgt Ion: 63 Resp: 305340

Ion Ratio Lower Upper

63 100

98 7.0 4.1 12.3

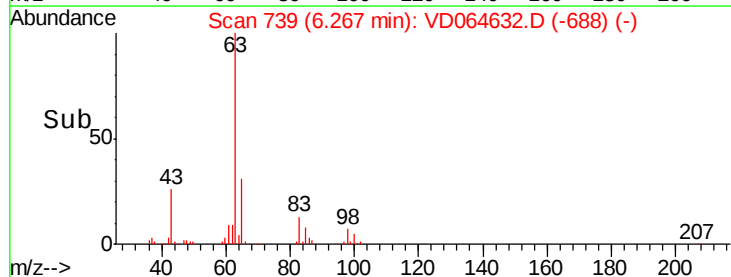
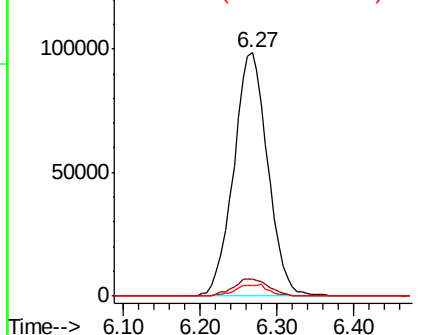
100 4.6 2.2 6.6

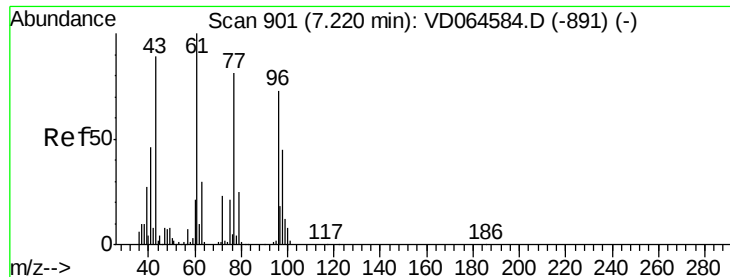


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 284.710 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 228525

Ion Ratio Lower Upper

43 100

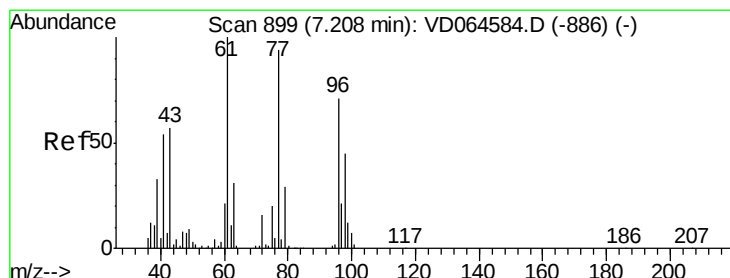
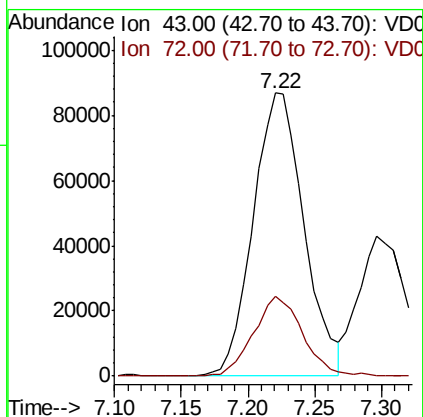
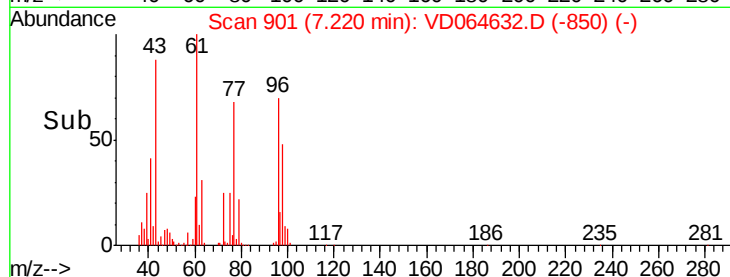
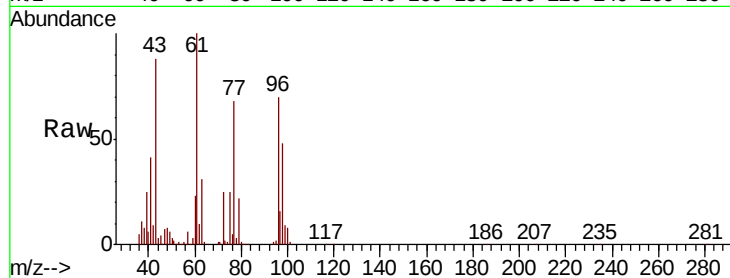
72 28.2 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 44.622 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD064632.D

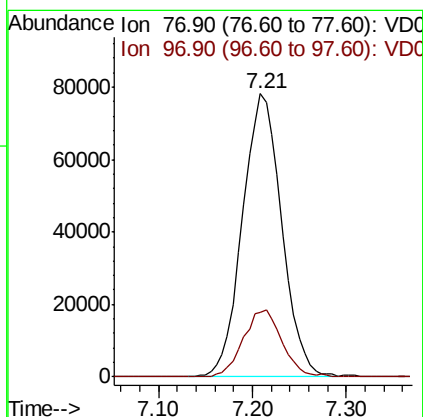
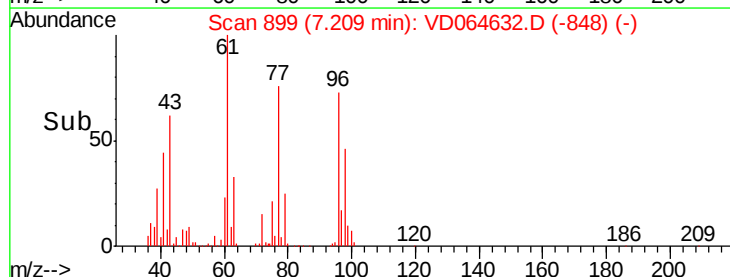
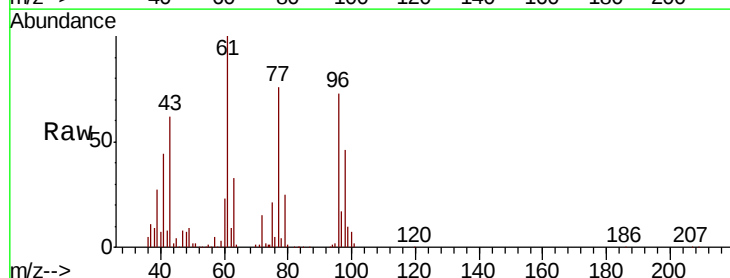
Acq: 27 Dec 2019 08:16

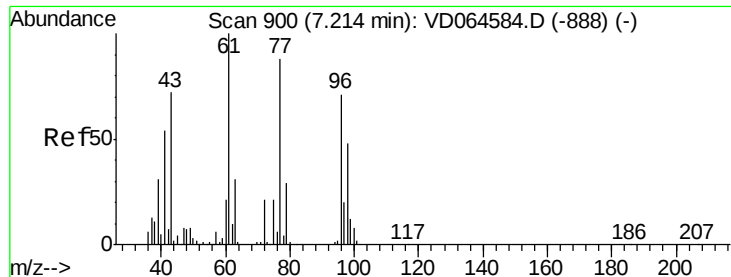
Tgt Ion: 77 Resp: 225657

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





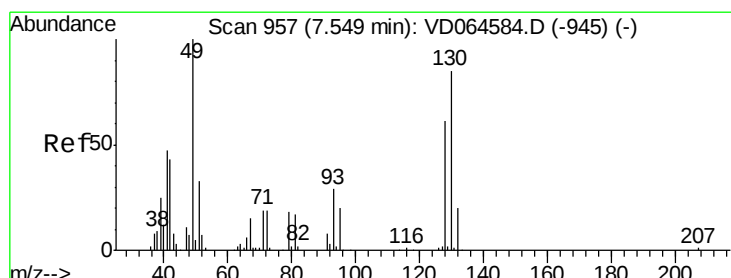
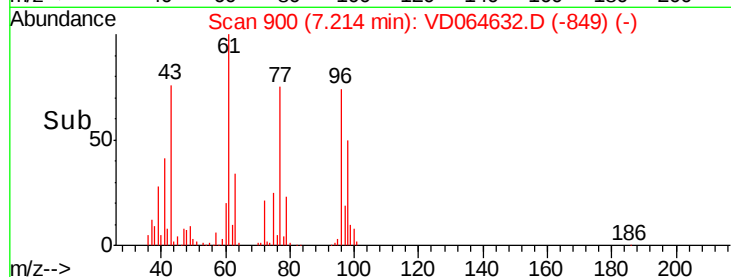
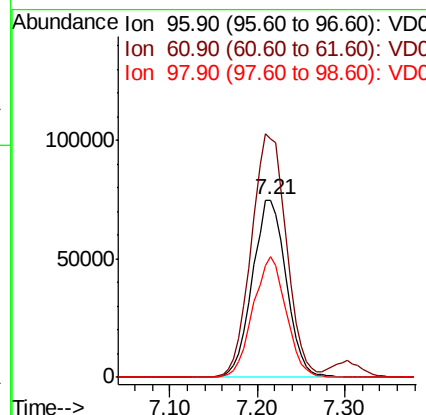
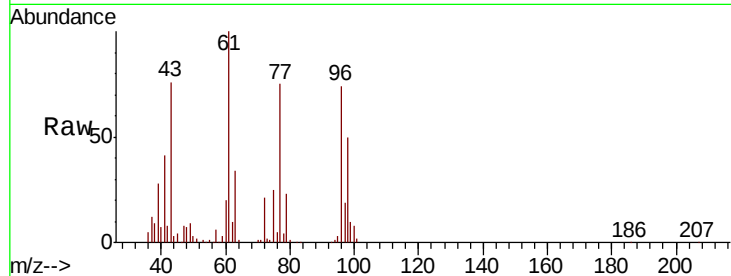
#27
 cis-1,2-Dichloroethene
 Concen: 55.291 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	197990		
61	141.8	0.0	282.6	
98	66.3	0.0	130.8	

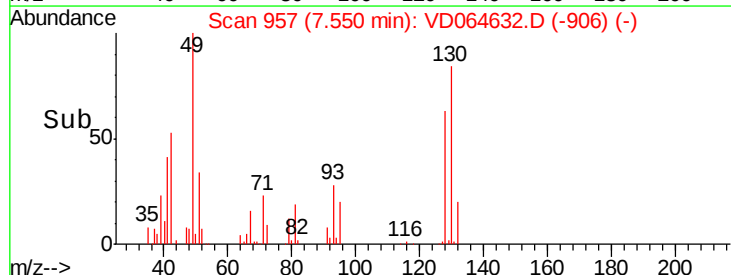
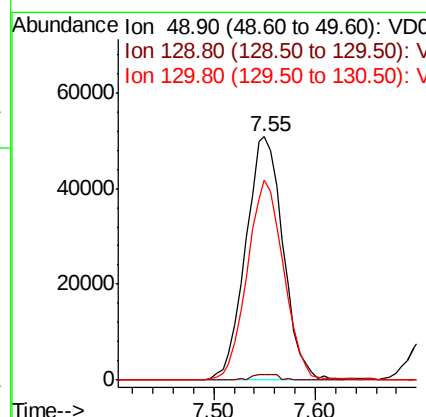
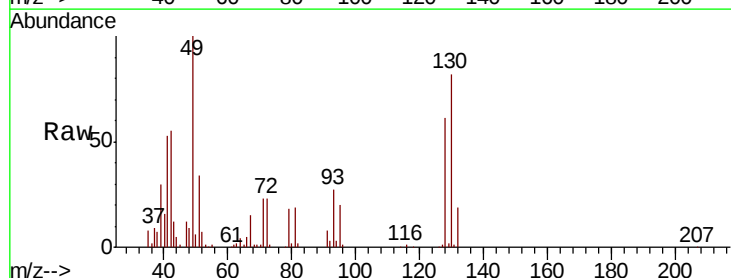
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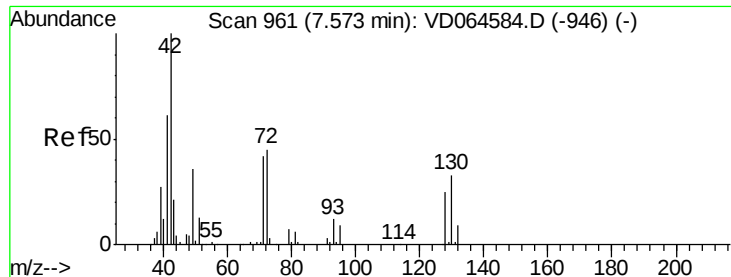
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#28
 Bromochloromethane
 Concen: 61.870 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130815		
129	1.9	0.0	4.8	
130	79.9	65.0	97.6	





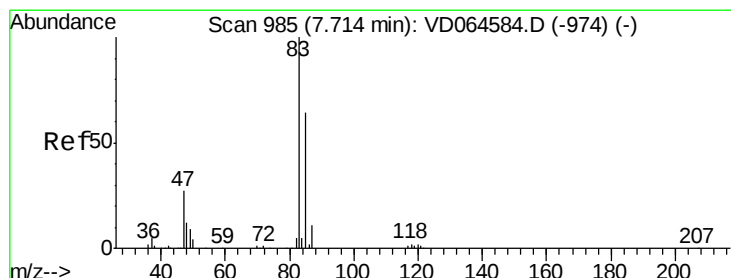
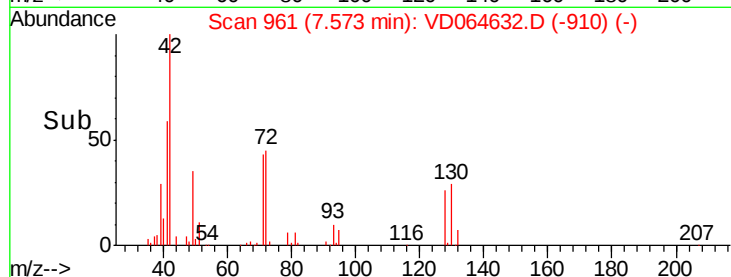
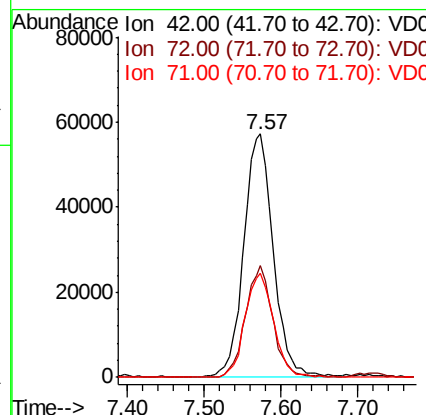
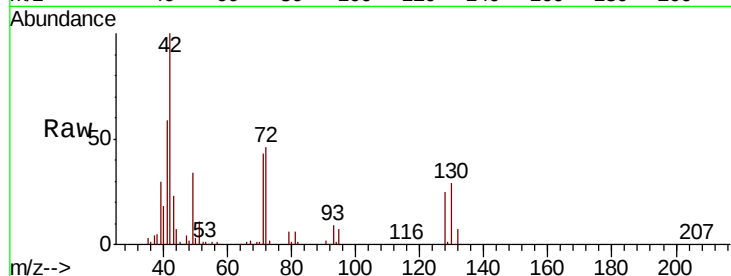
#29
Tetrahydrofuran
Concen: 308.921 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	35.0	52.4
71	41.0	32.9	49.3

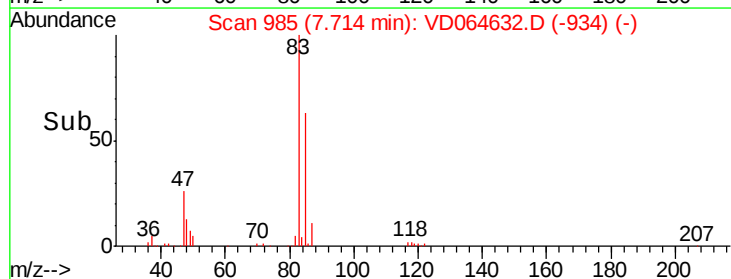
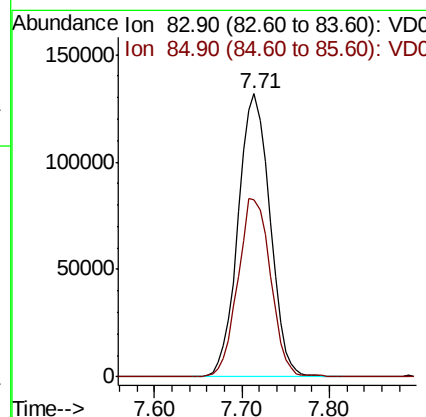
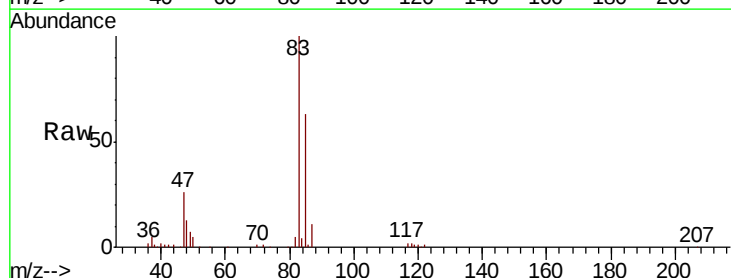
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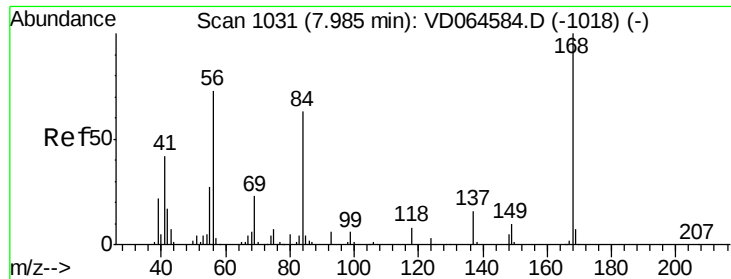
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#30
Chloroform
Concen: 57.176 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.1	76.7





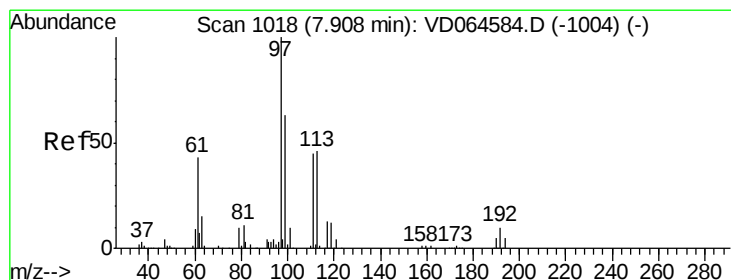
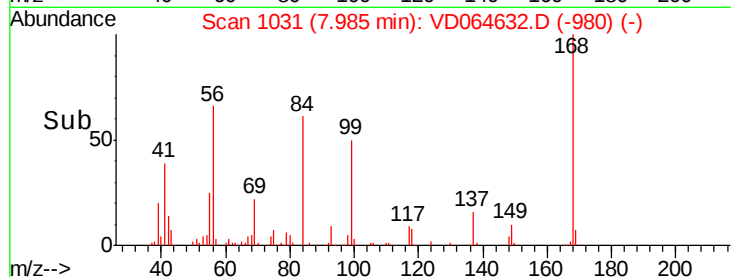
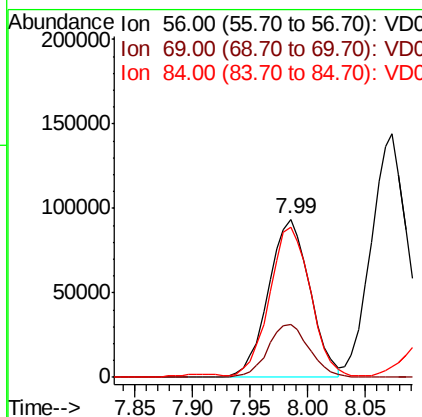
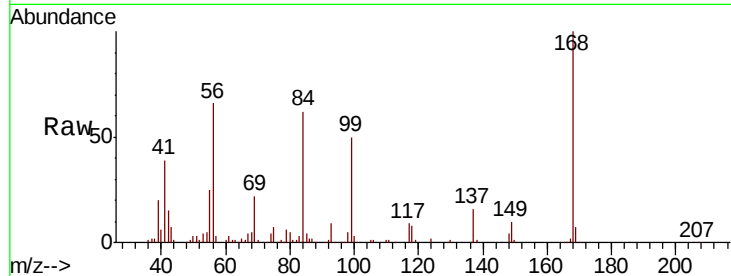
#31
Cyclohexane
Concen: 43.080 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.7	37.1
84	92.7	69.4	104.2

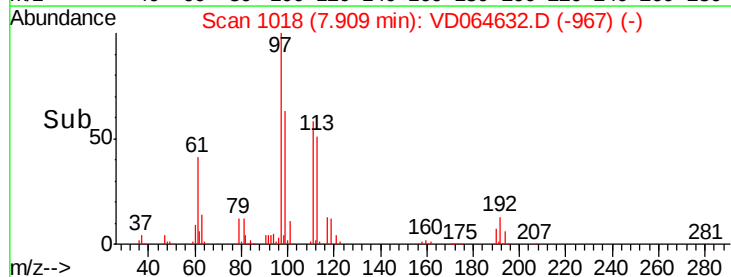
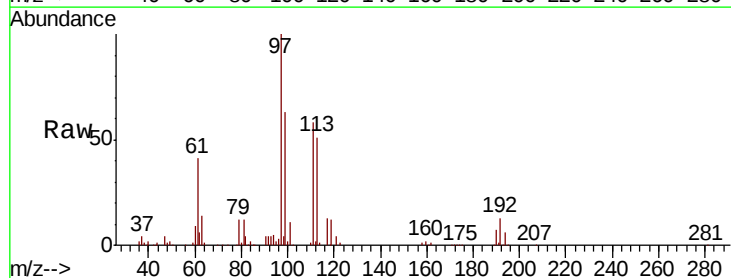
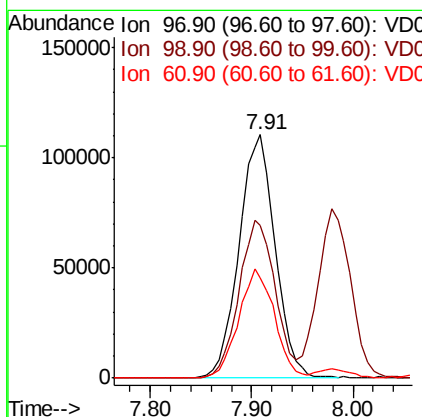
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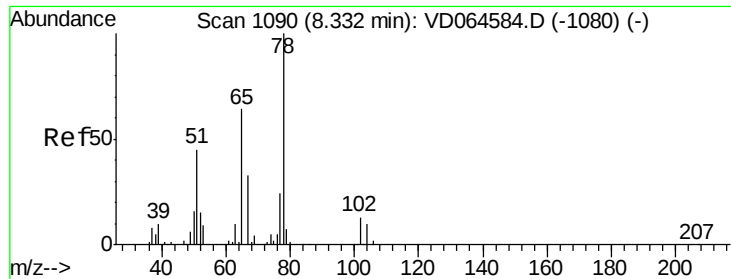
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#32
1,1,1-Trichloroethane
Concen: 51.092 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.6
61	44.6	35.4	53.0





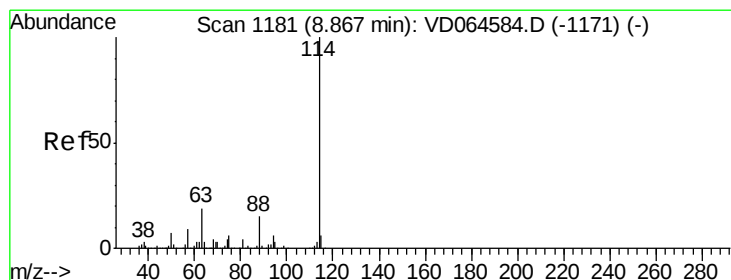
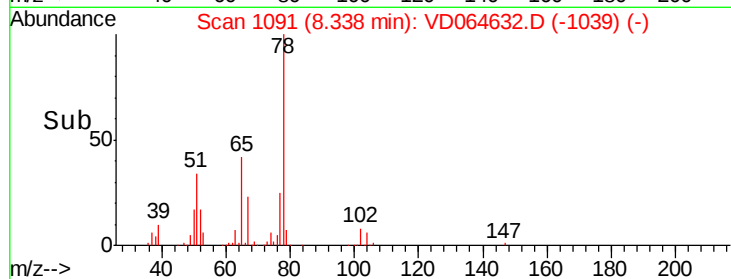
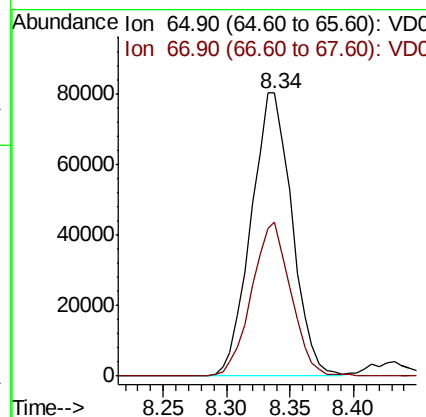
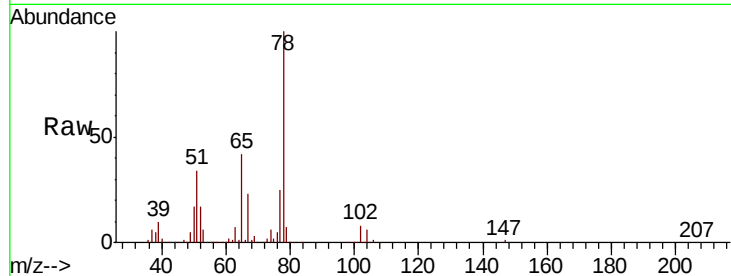
#33
 1,2-Dichloroethane-d4
 Concen: 61.756 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180333		
67	52.3	0.0	106.2	

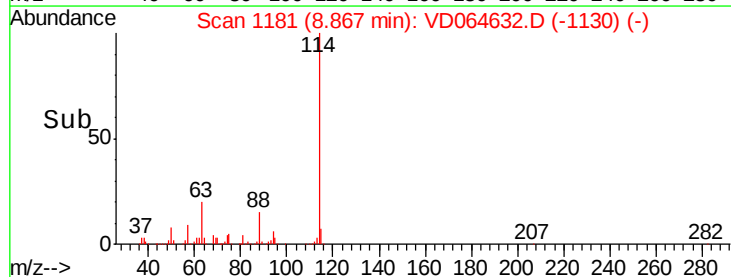
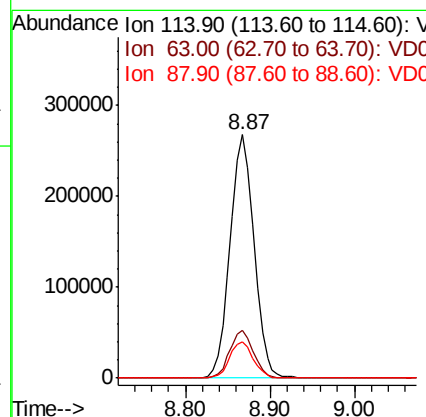
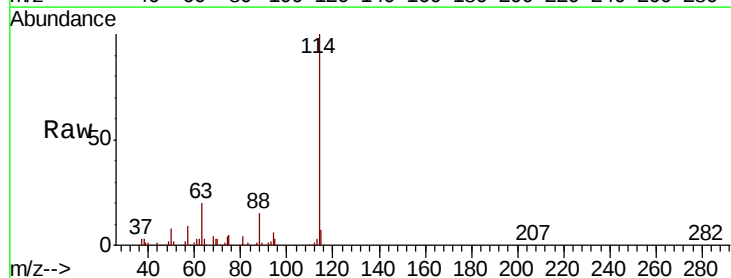
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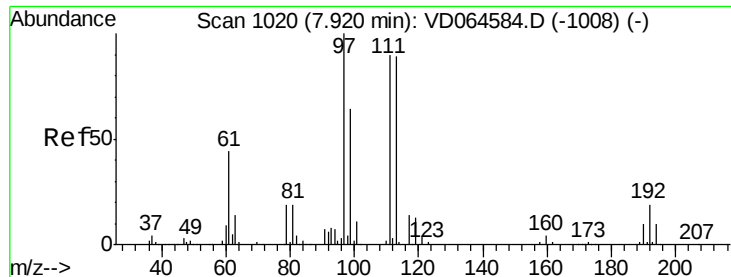
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	525246		
63	19.6	0.0	38.0	
88	14.8	0.0	29.2	





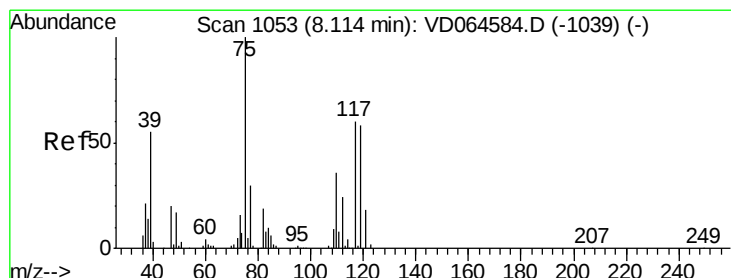
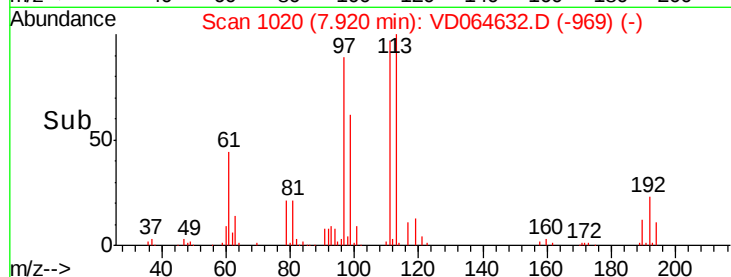
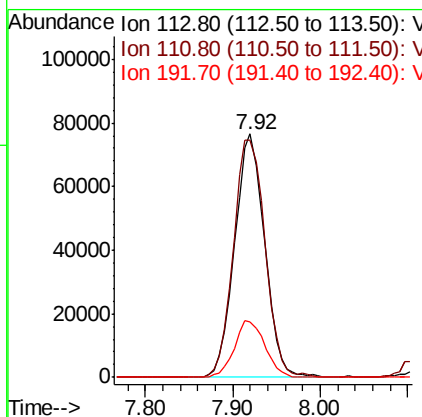
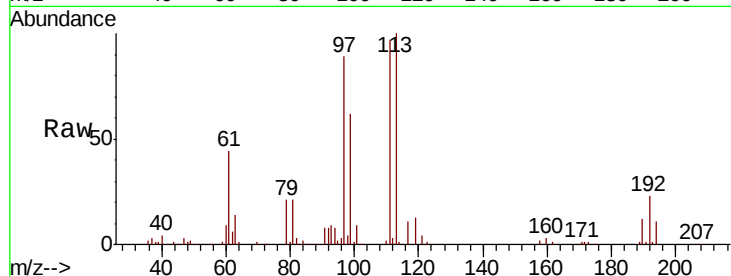
#35
 Dibromofluoromethane
 Concen: 55.027 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177322		
111	103.2	80.6	121.0	
192	23.7	17.9	26.9	

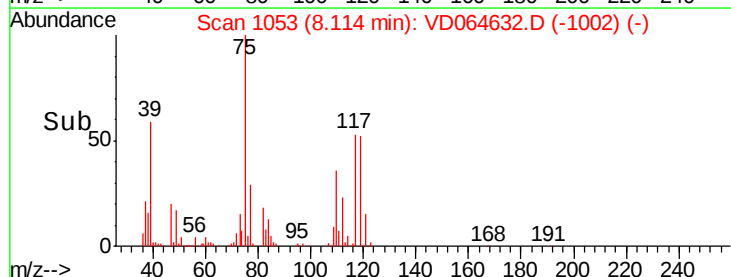
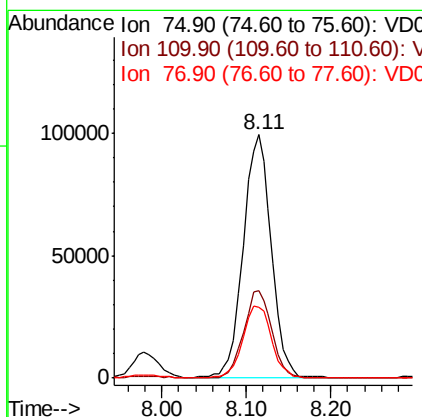
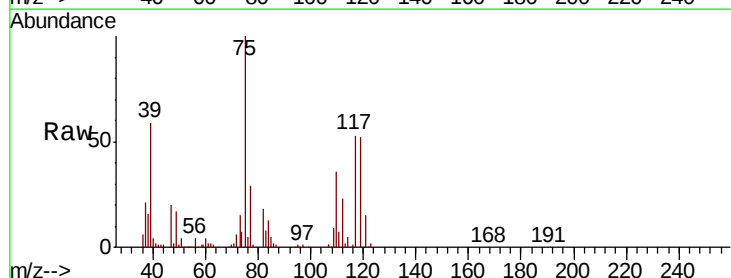
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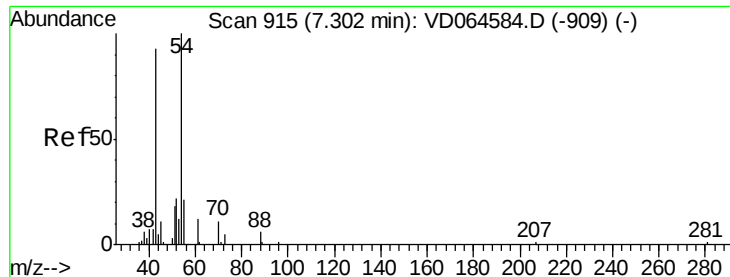
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#36
 1,1-Dichloropropene
 Concen: 45.160 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	228308		
110	36.1	18.1	54.1	
77	30.7	24.2	36.4	





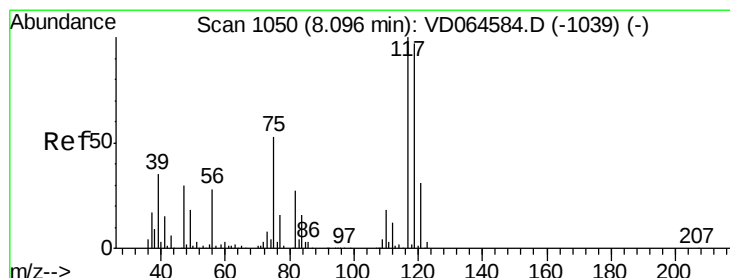
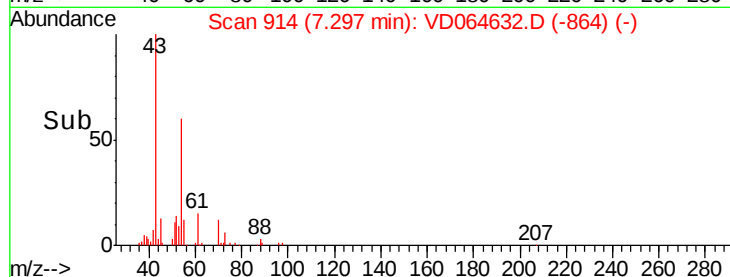
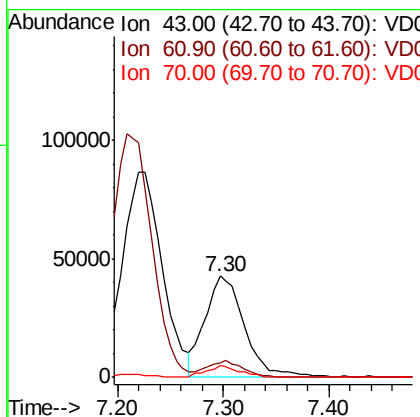
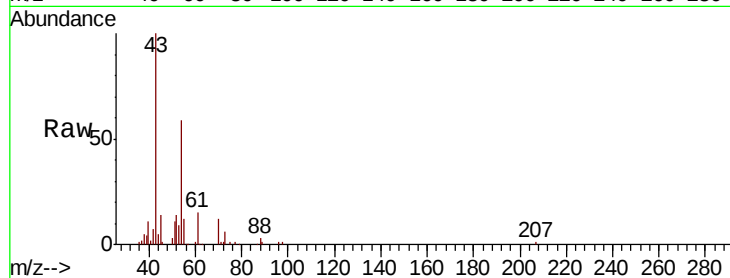
#37
Ethyl Acetate
Concen: 54.967 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.3	15.5
70	10.2	7.6	11.4

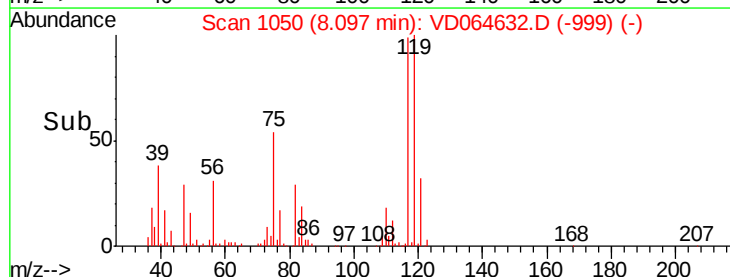
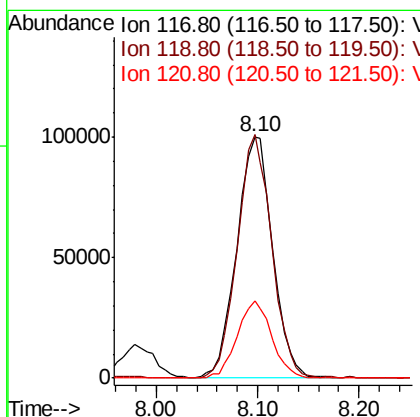
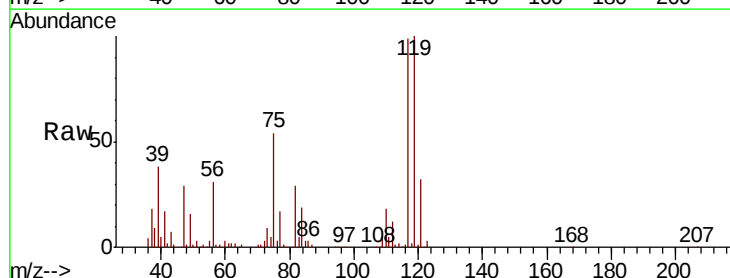
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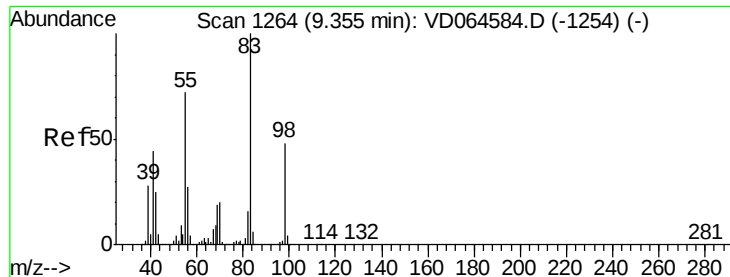
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#38
Carbon Tetrachloride
Concen: 45.433 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.0	77.3	115.9
121	32.0	25.0	37.6





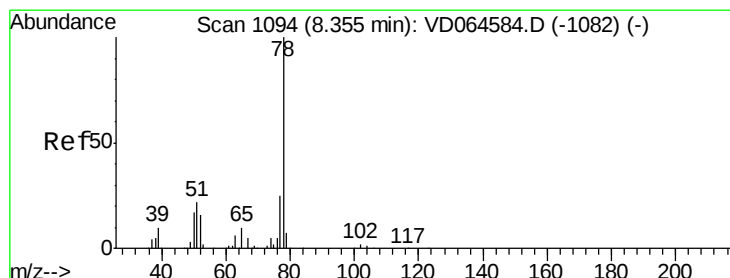
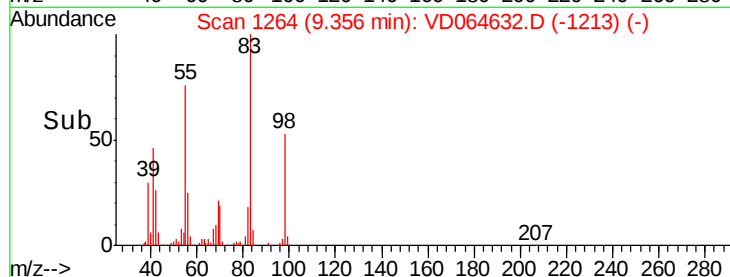
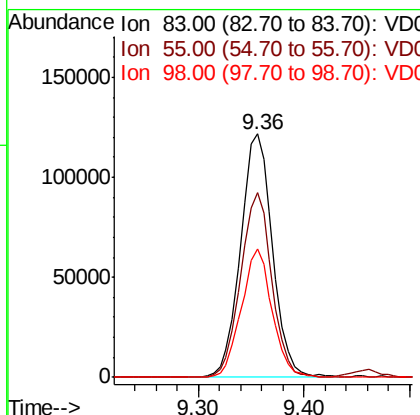
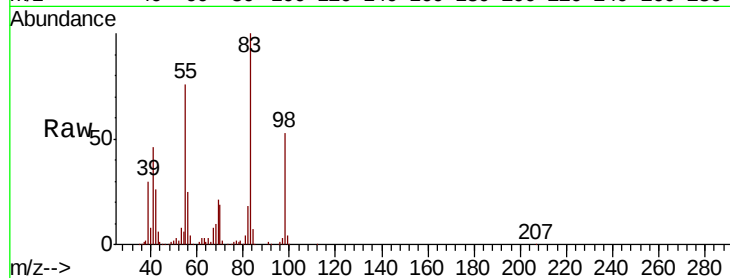
#39
Methvlcvclohexane
Concen: 41.621 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	57.8	86.6
98	52.6	38.7	58.1

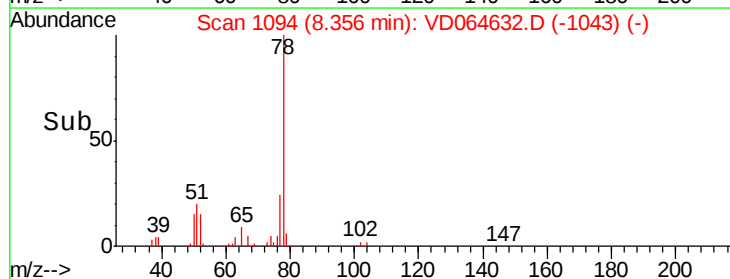
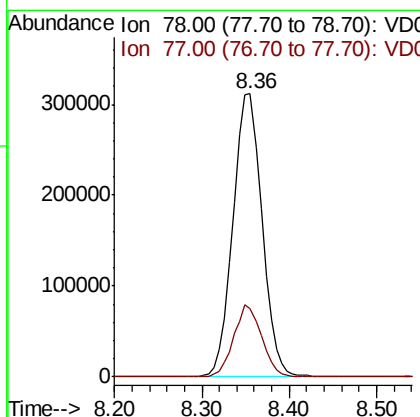
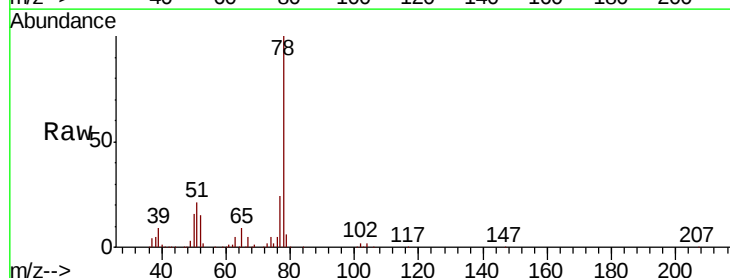
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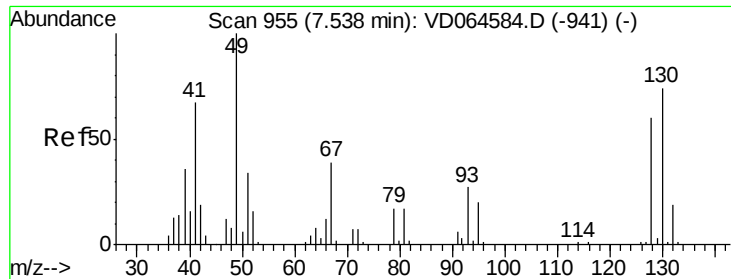
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#40
Benzene
Concen: 50.966 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.9	29.9





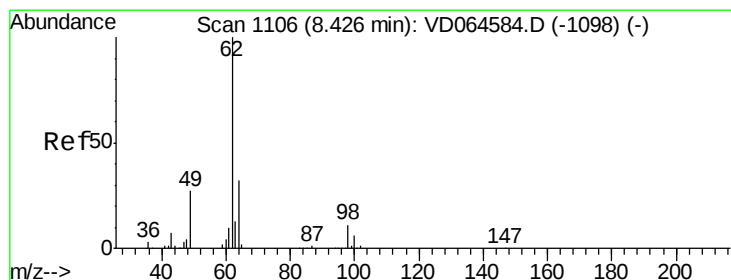
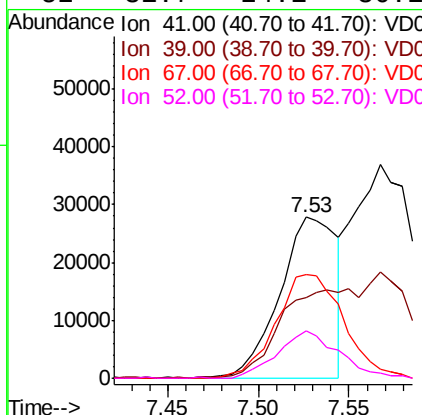
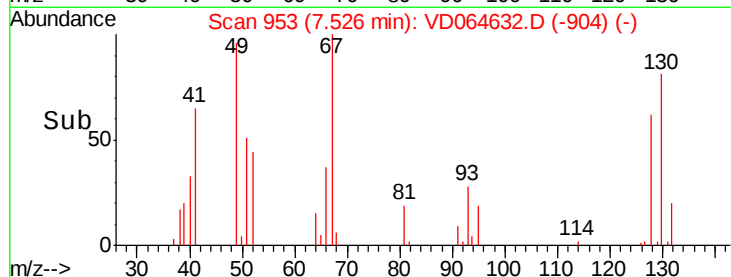
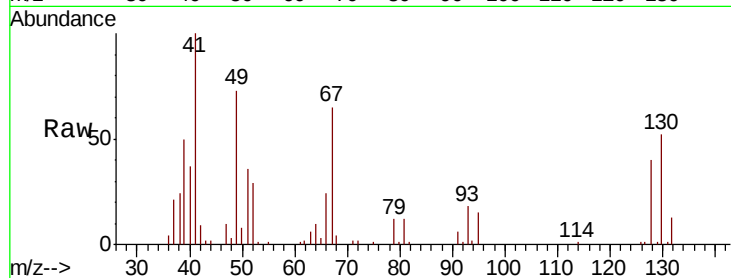
#41
Methacrylonitrile
Concen: 53.200 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	46.7	70.1
67	76.2	52.5	78.7
52	31.7	24.1	36.1

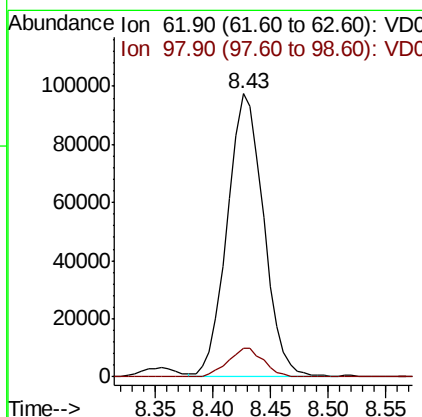
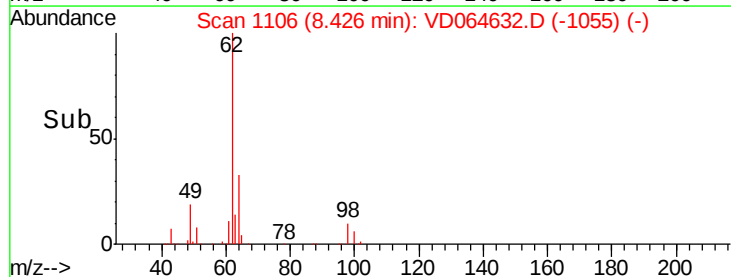
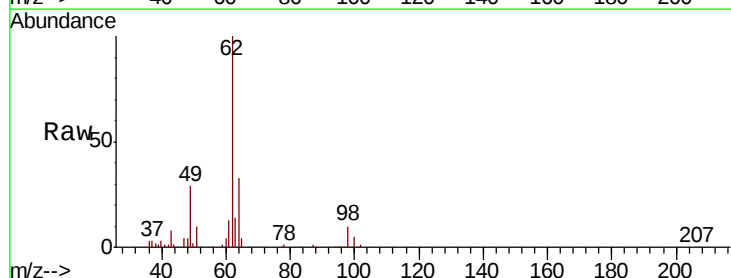
Manual Integrations
APPROVED

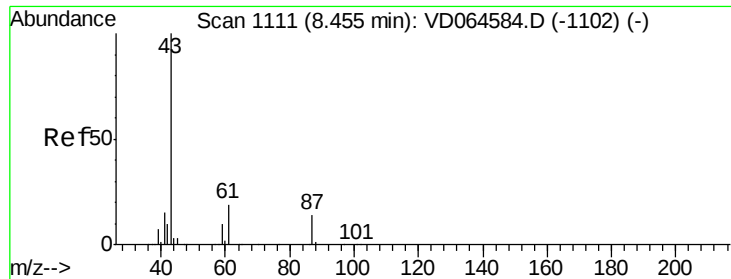
apatel
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#42
1,2-Dichloroethane
Concen: 53.098 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0





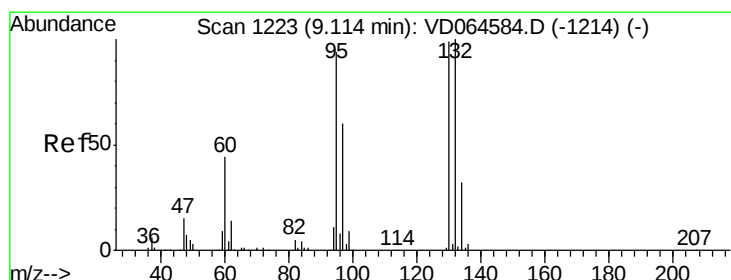
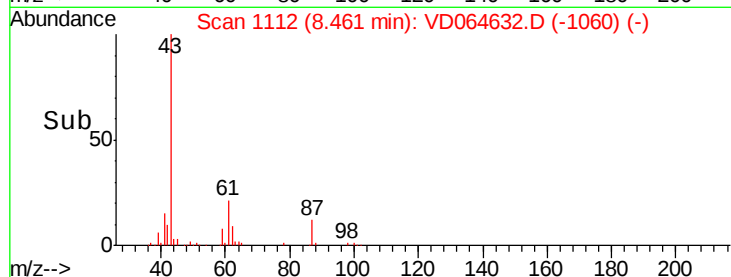
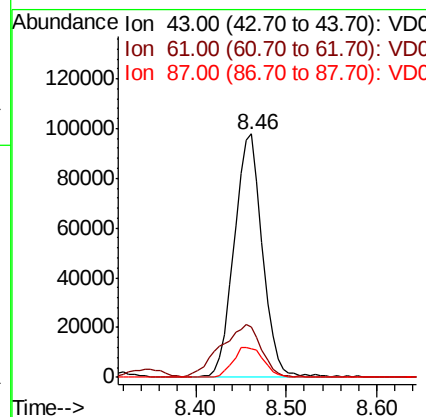
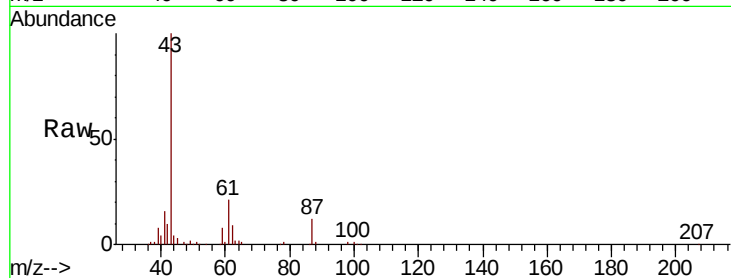
#43
Isopropyl Acetate
Concen: 53.637 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	23.7	35.5
87	13.3	10.5	15.7

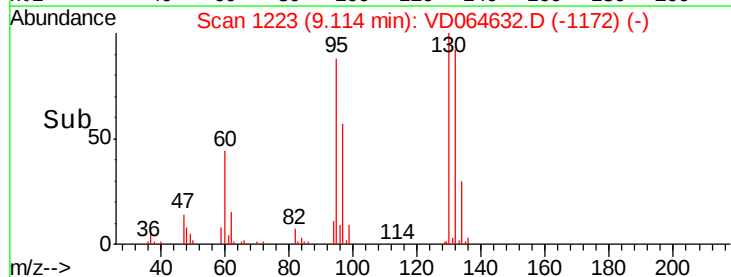
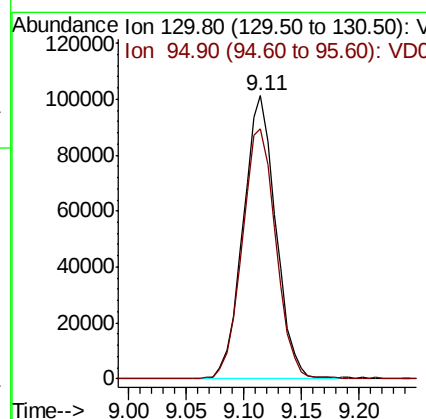
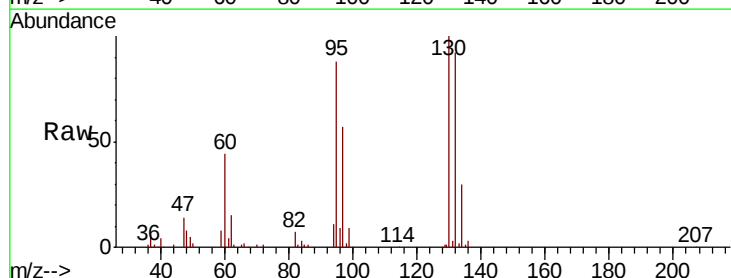
Manual Integrations
APPROVED

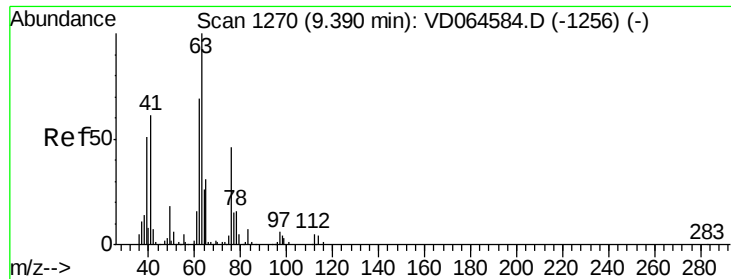
apatel
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#44
Trichloroethene
Concen: 49.171 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	190.2





#45

1,2-Dichloropropane

Concen: 51.723 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 170436

Ion Ratio Lower Upper

63 100

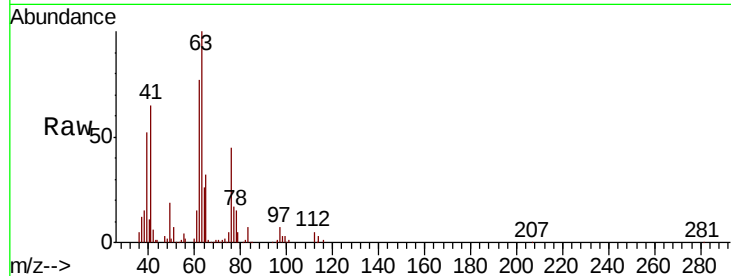
65 31.6 25.2 37.8

Manual Integrations

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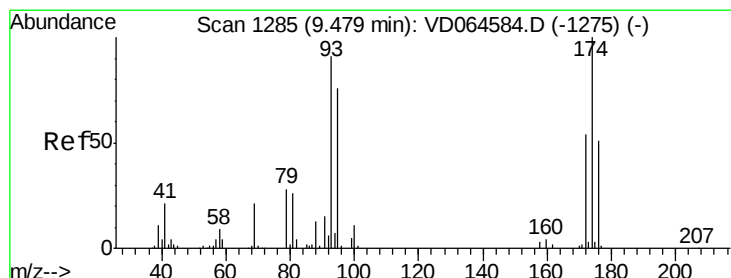
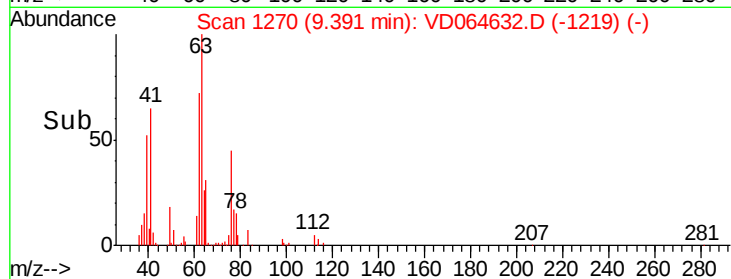
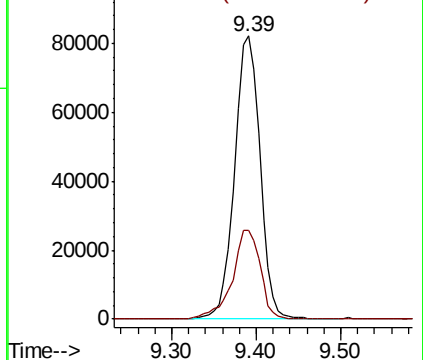
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.920 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

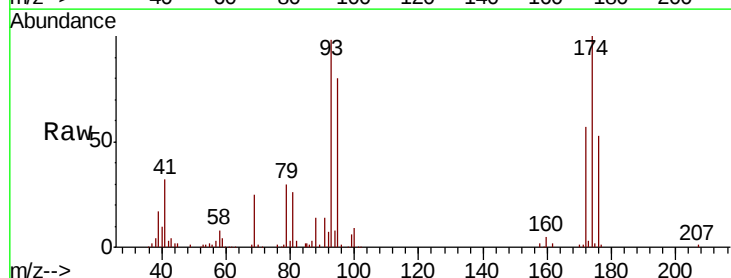
Tgt Ion: 93 Resp: 99059

Ion Ratio Lower Upper

93 100

95 83.9 64.6 97.0

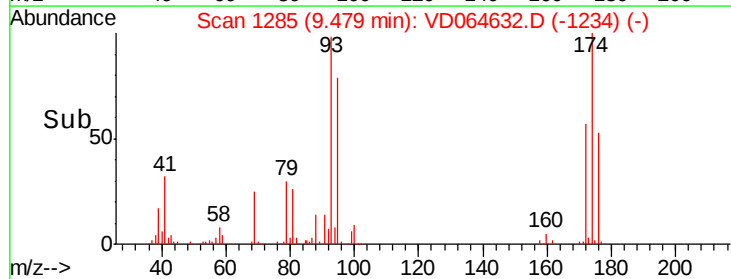
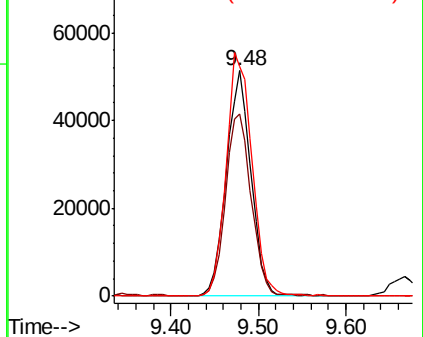
174 112.0 88.1 132.1

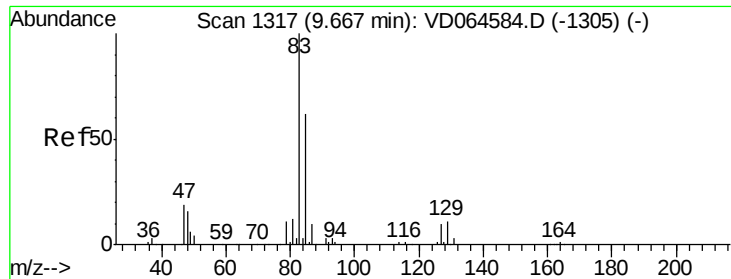


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





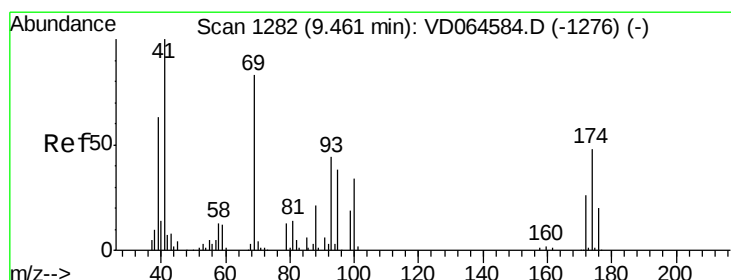
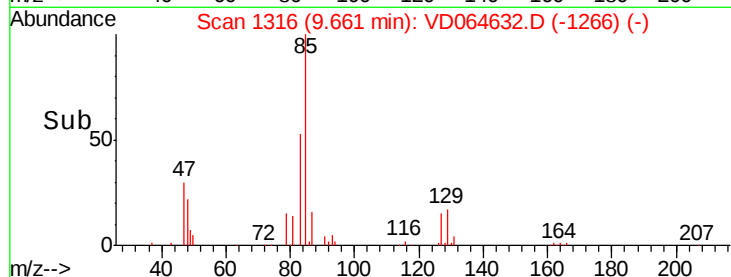
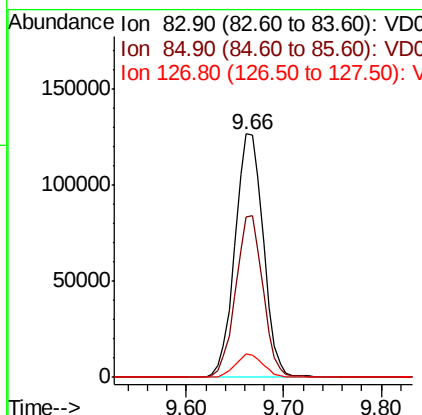
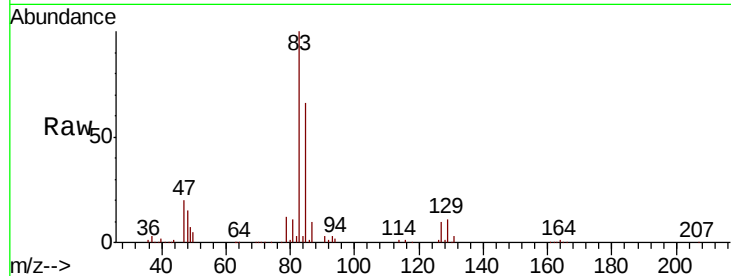
#47
Bromodichloromethane
Concen: 52.514 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.5	74.3
127	9.7	7.8	11.6

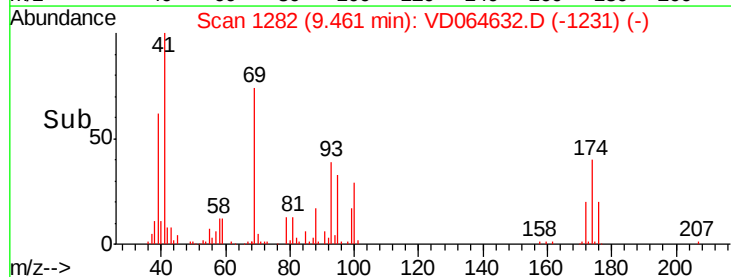
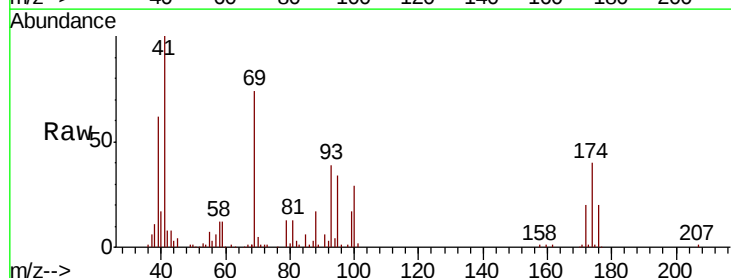
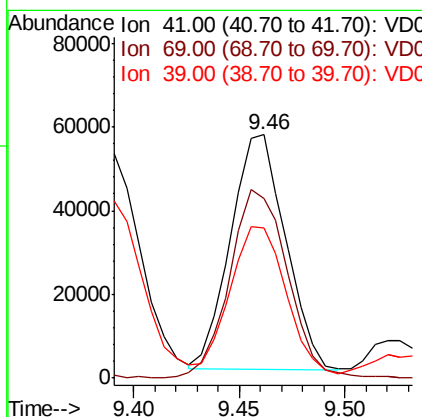
Manual Integrations
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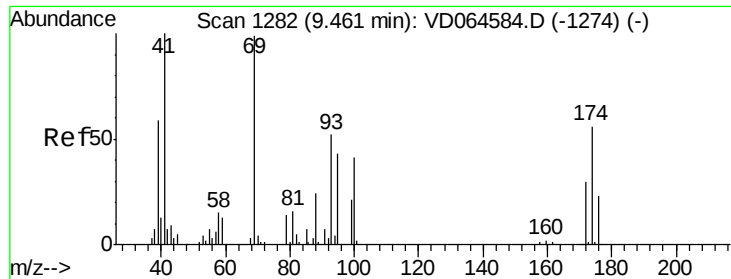
apatel
12/27/2019 2:07:32 PM



#48
Methyl methacrylate
Concen: 54.663 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.8	63.0	94.6
39	67.2	47.4	71.2





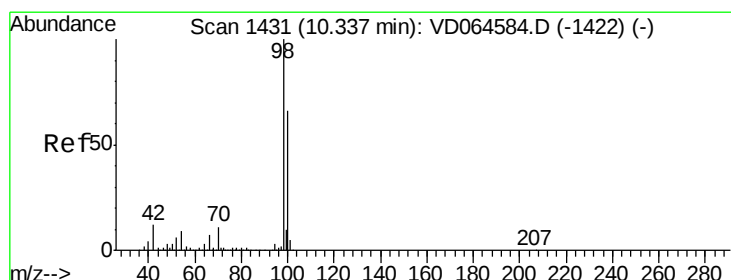
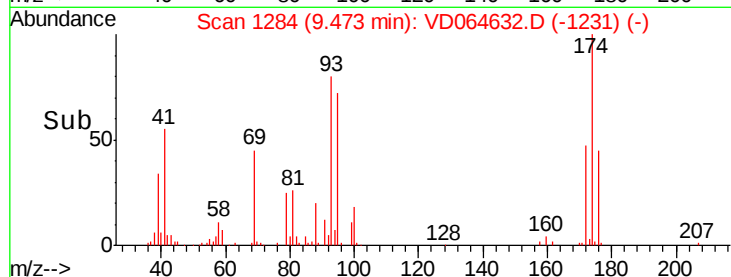
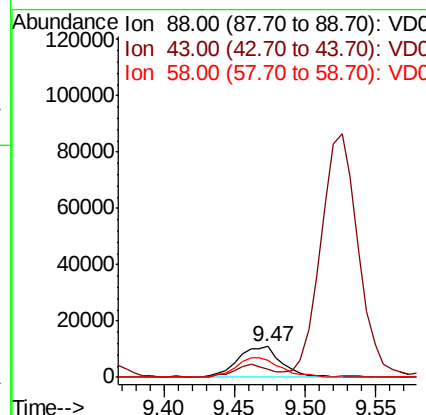
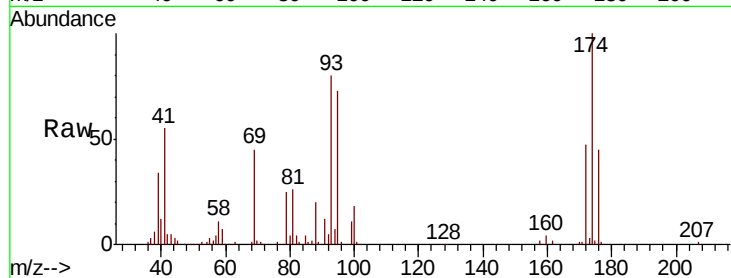
#49
1,4-Dioxane
Concen: 1115.718 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	27.7	41.5
58	65.6	53.8	80.6

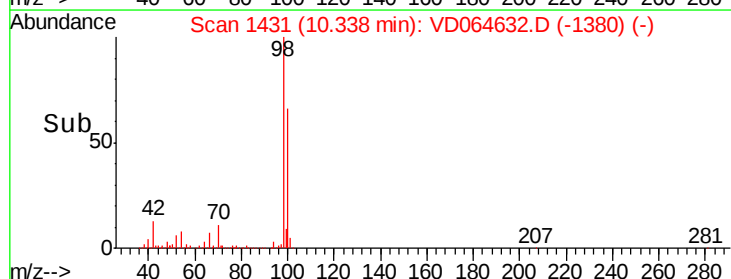
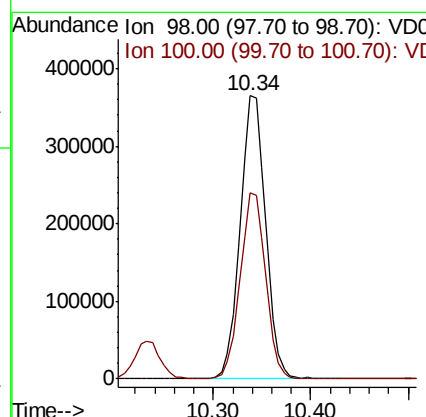
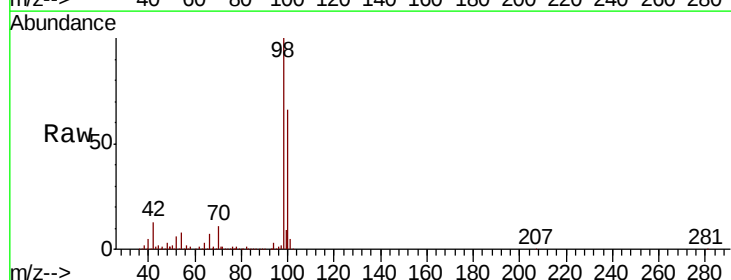
Manual Integrations
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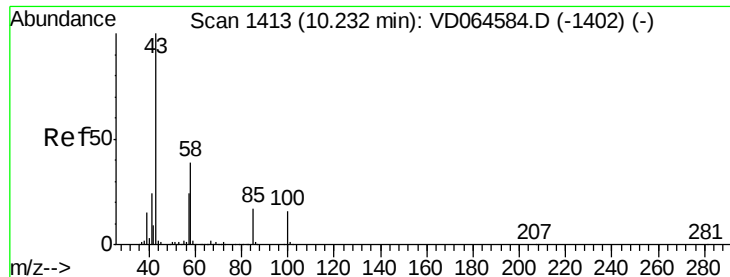
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12/27/2019 2:07:32 PM



#50
Toluene-d8
Concen: 53.791 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 282.240 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 551474

Ion Ratio Lower Upper

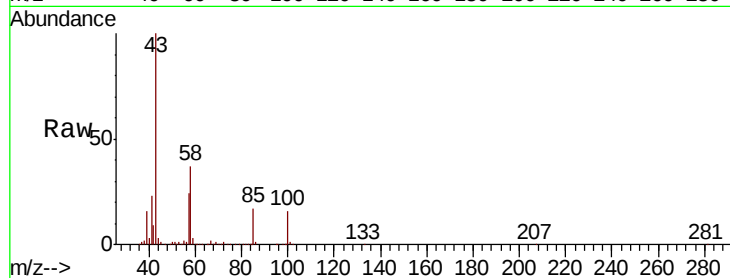
43 100

58 37.2 30.2 45.2

Manual Integrations
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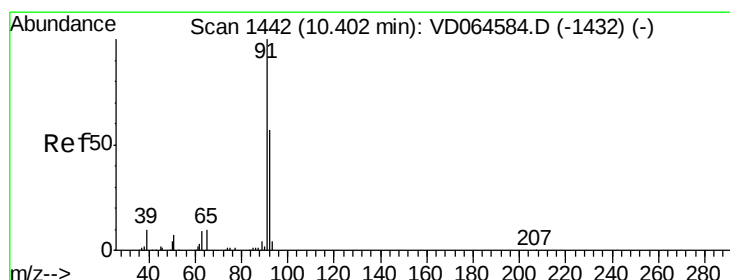
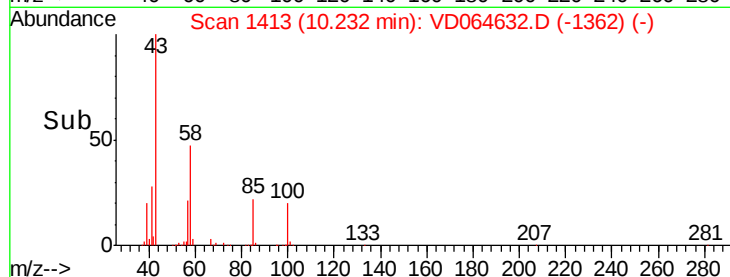
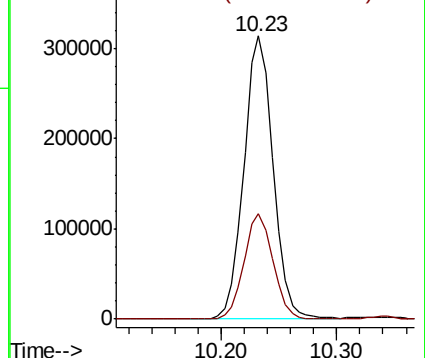
apatel

12/27/2019 2:07:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 50.319 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD064632.D

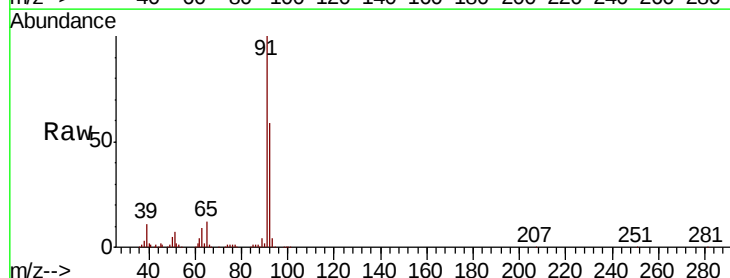
Acq: 27 Dec 2019 08:16

Tgt Ion: 92 Resp: 455607

Ion Ratio Lower Upper

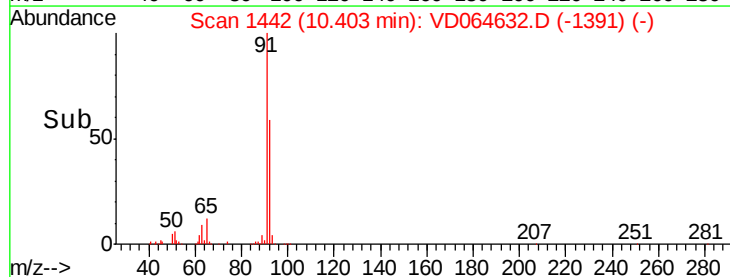
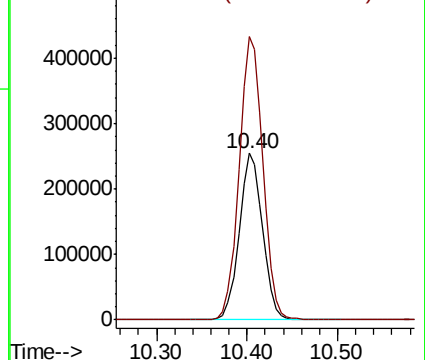
92 100

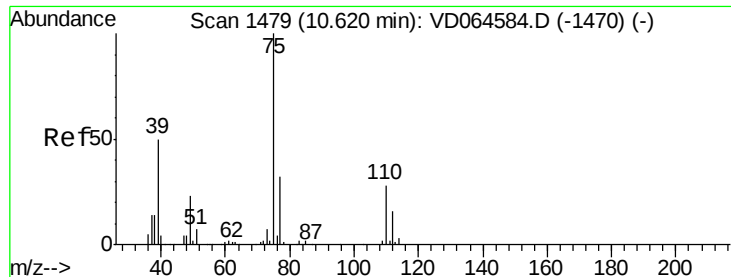
91 172.6 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 52.759 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 240463

Ion Ratio Lower Upper

75 100

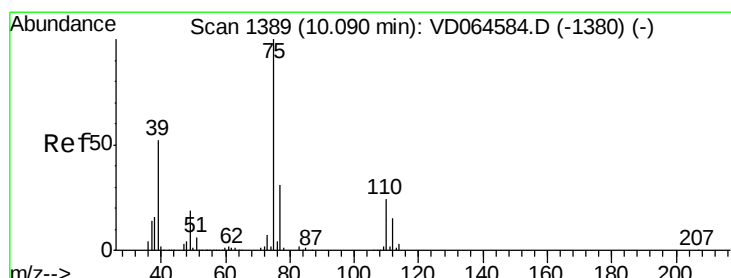
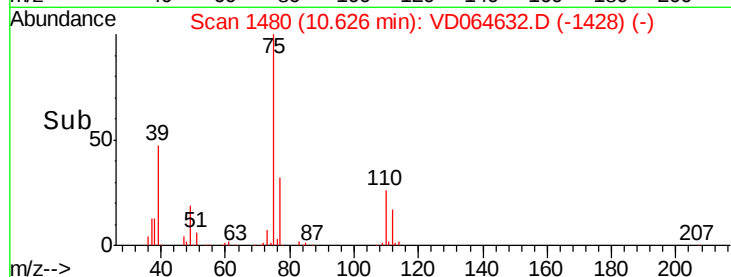
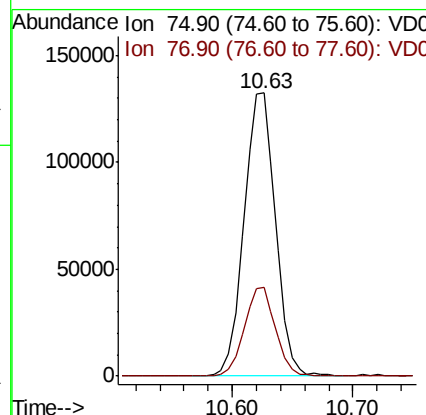
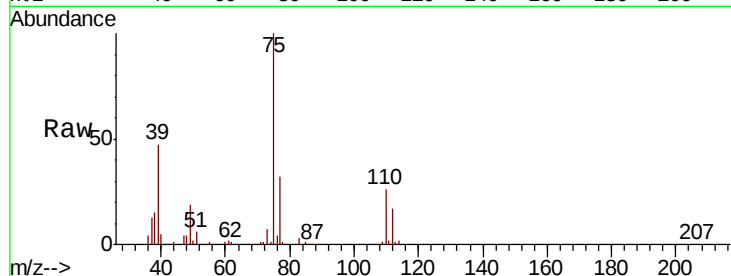
77 31.6 25.4 38.2

Manual Integrations

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12/27/2019 2:07:32 PM



#54

cis-1,3-Dichloropropene

Concen: 50.741 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

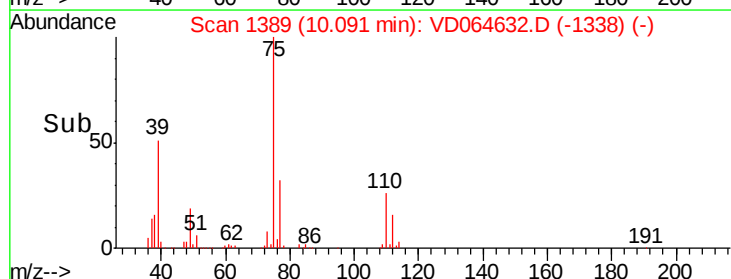
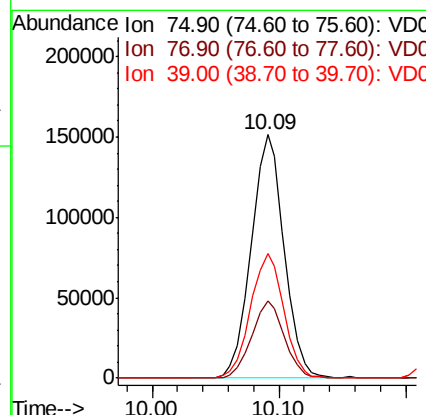
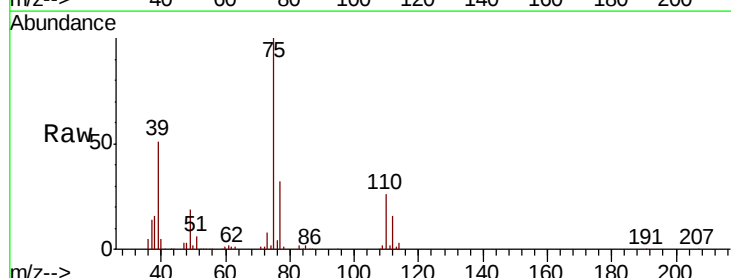
Tgt Ion: 75 Resp: 272692

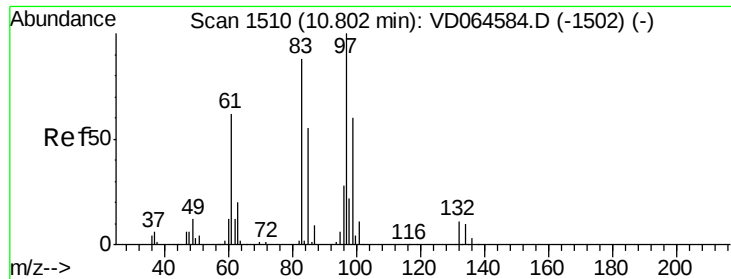
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 51.2 41.4 62.2





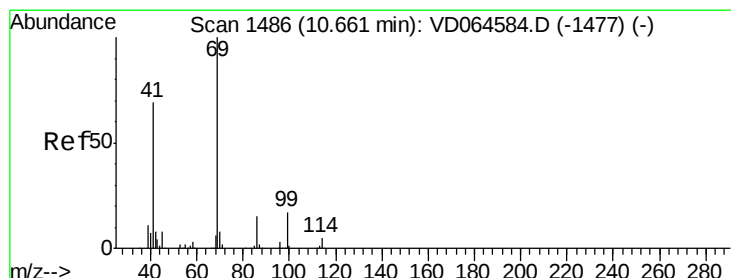
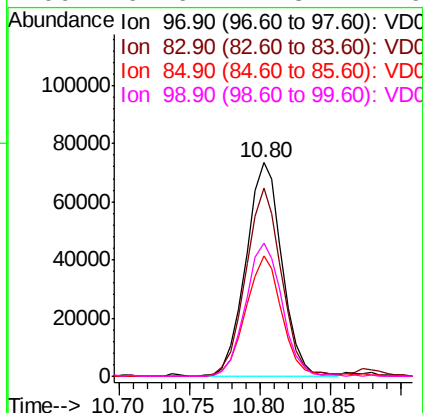
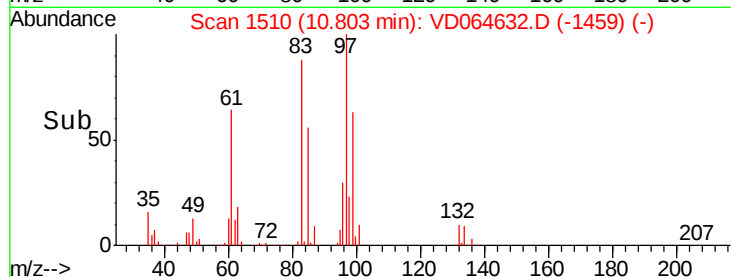
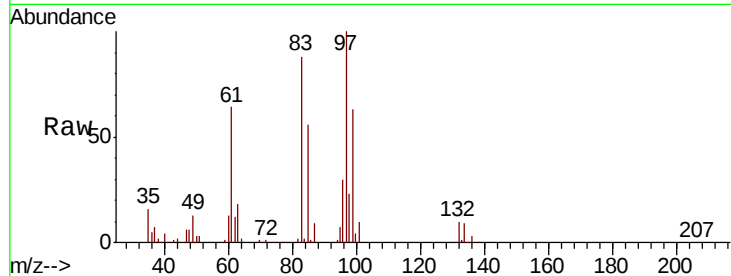
#55
 1,1,2-Trichloroethane
 Concen: 53.183 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.2	105.4
85	56.4	44.0	66.0
99	62.6	47.8	71.6

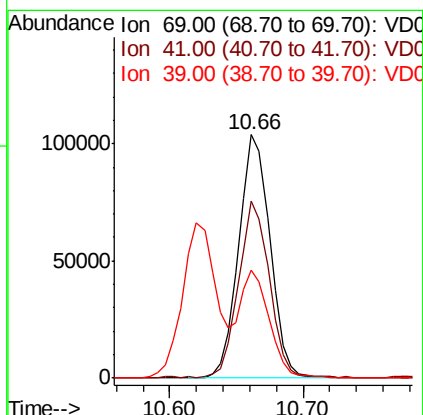
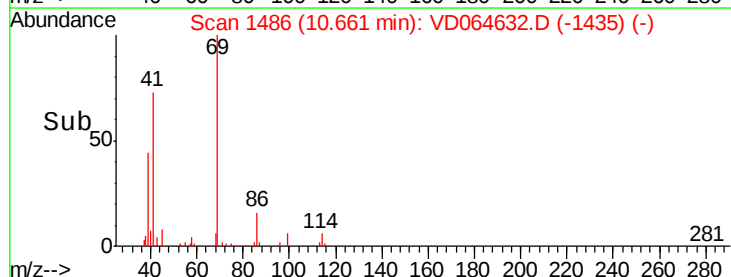
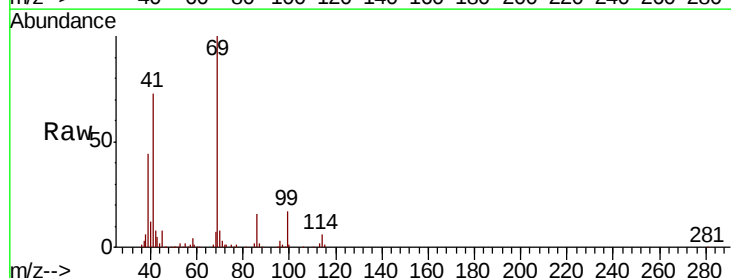
Manual Integrations
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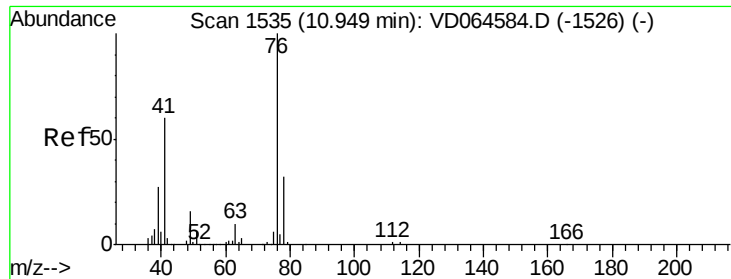
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#56
 Ethyl methacrylate
 Concen: 54.806 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.5	55.3	82.9
39	42.2	33.8	50.8





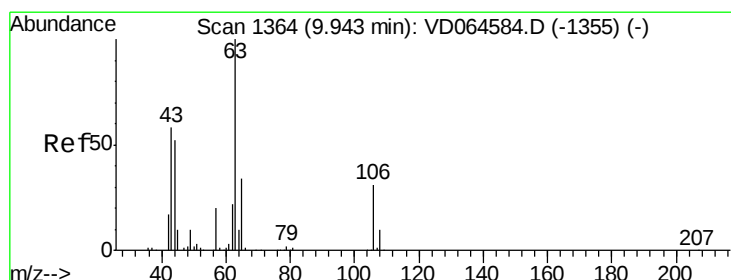
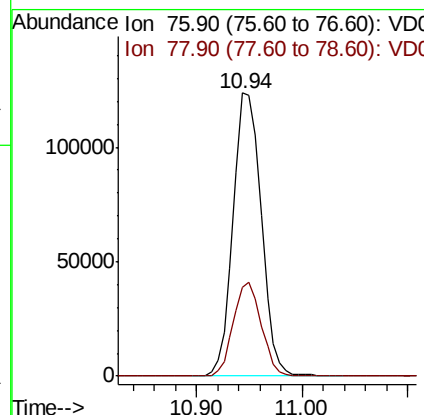
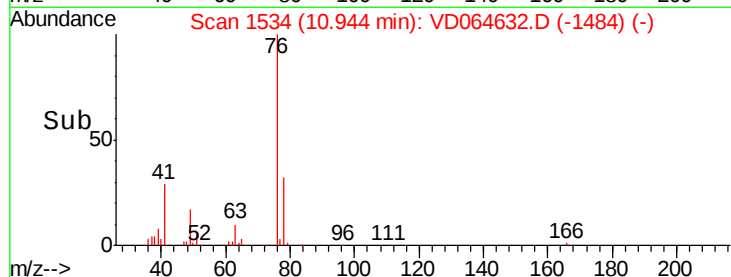
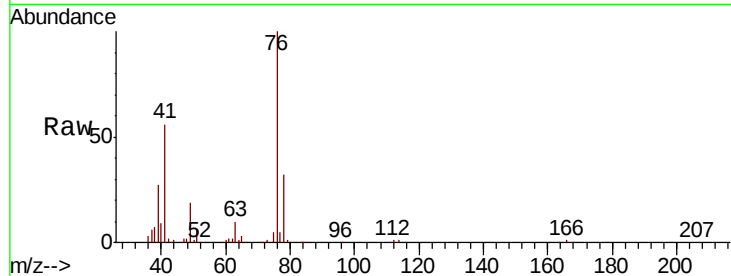
#57
 1,3-Dichloropropane
 Concen: 53.629 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 228619
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

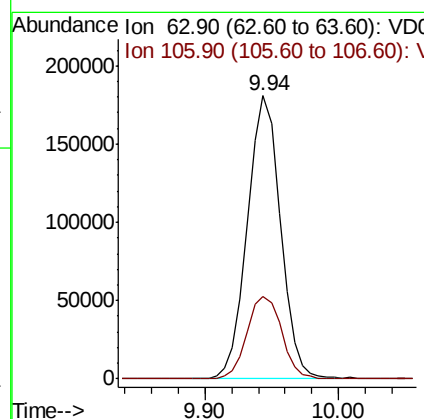
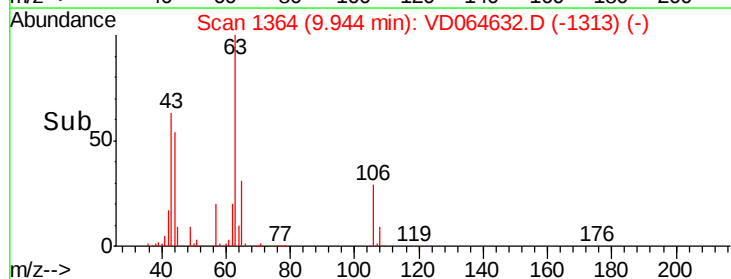
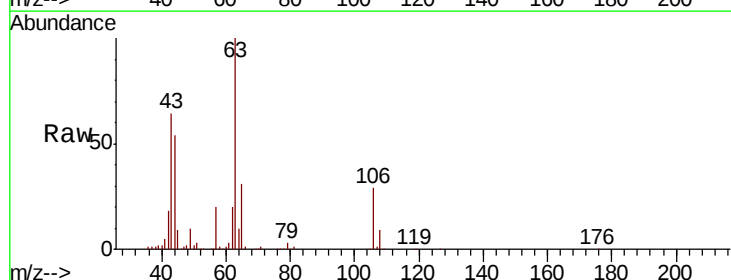
Manual Integrations
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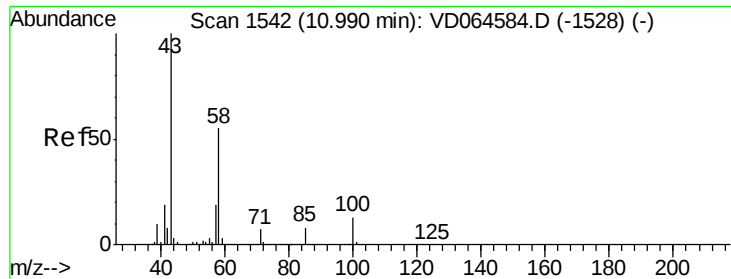
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.504 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion: 63 Resp: 309243
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.8 35.8





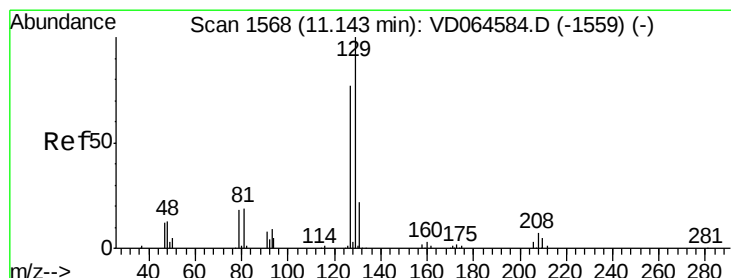
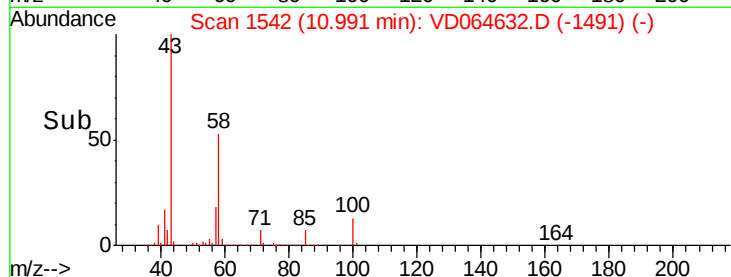
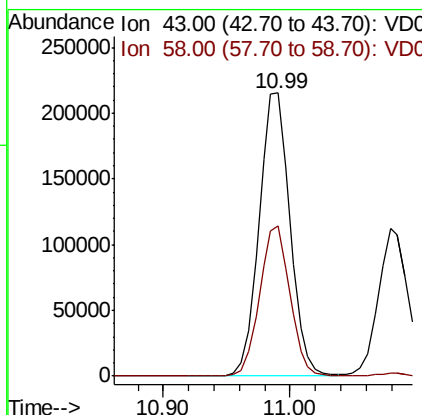
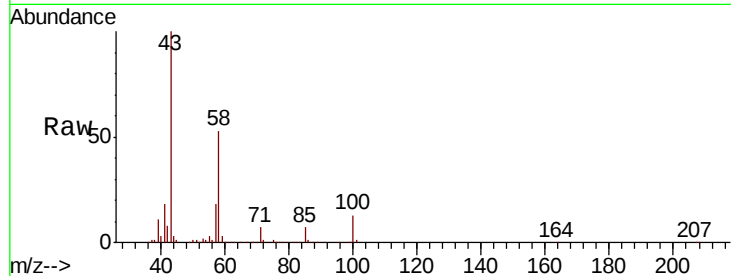
#59
2-Hexanone
Concen: 276.571 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 366778
Ion Ratio Lower Upper
43 100
58 51.9 26.4 79.0

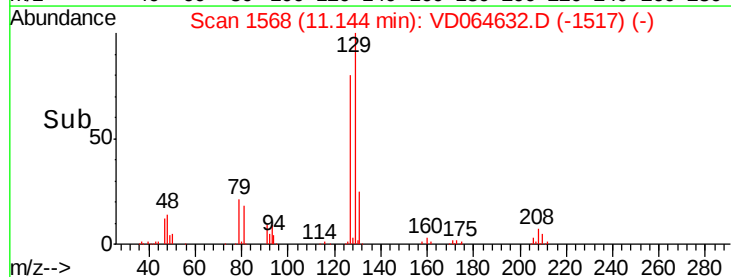
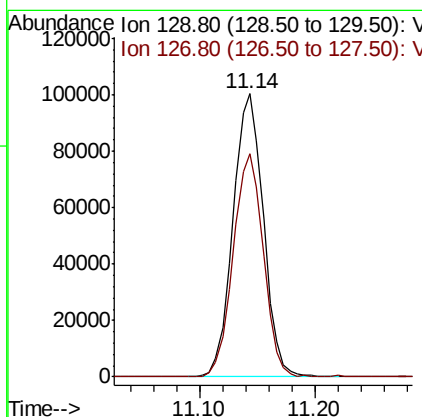
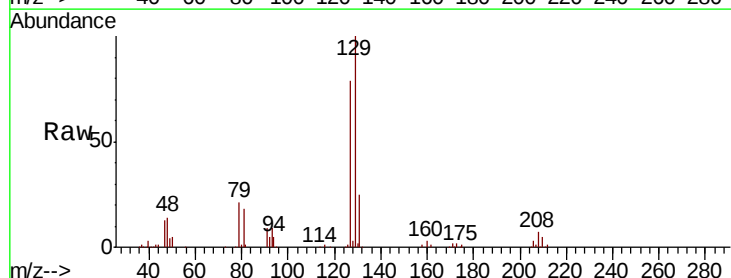
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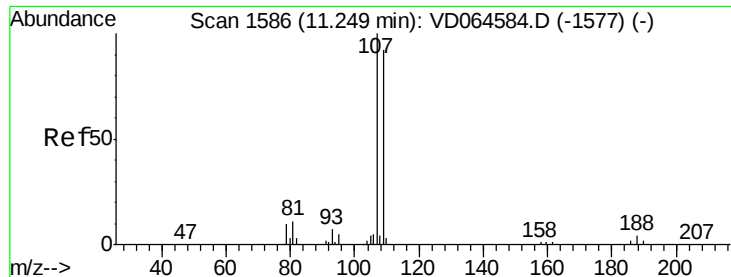
apatel
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#60
Dibromochloromethane
Concen: 53.159 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 129 Resp: 182006
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





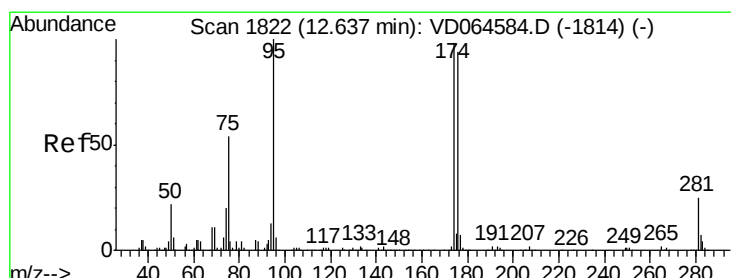
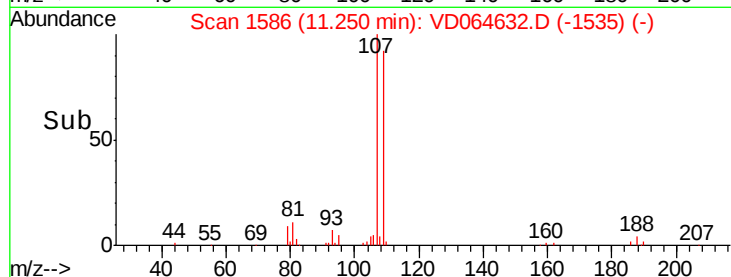
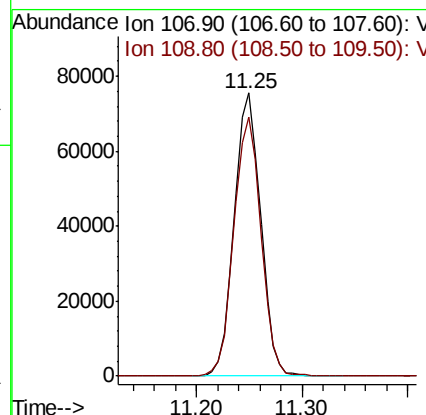
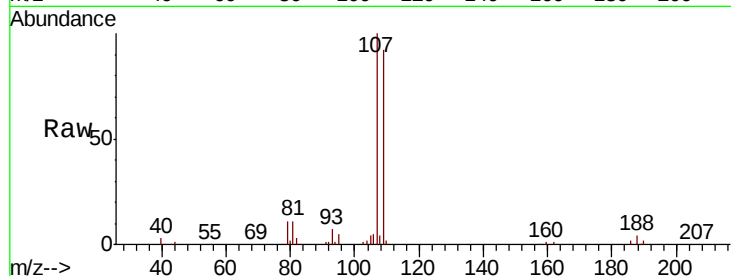
#61
 1,2-Dibromoethane
 Concen: 53.642 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.6	113.4

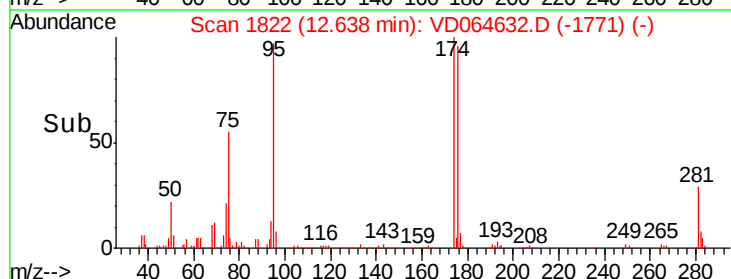
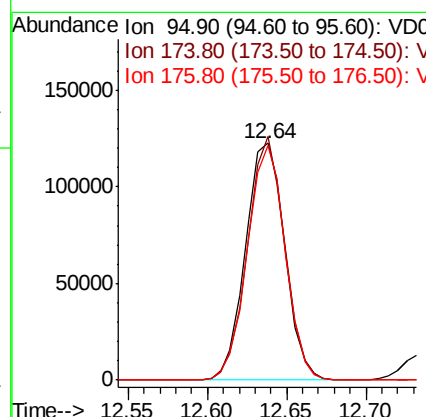
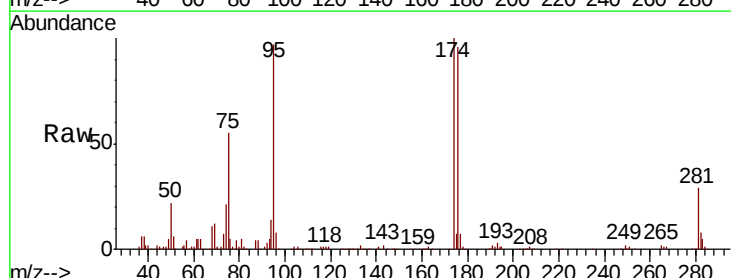
Manual Integrations
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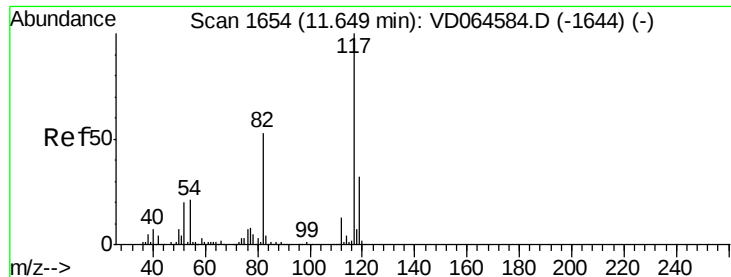
apatel
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#62
 4-Bromofluorobenzene
 Concen: 54.164 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	193.2
176	95.2	0.0	184.2





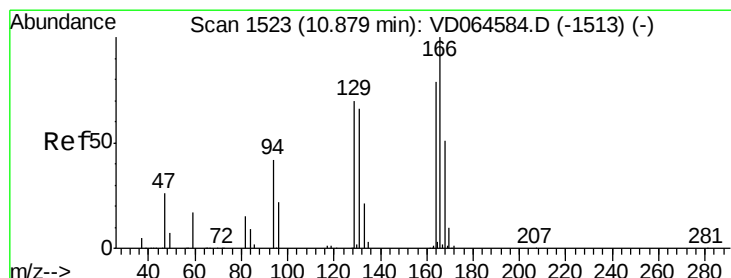
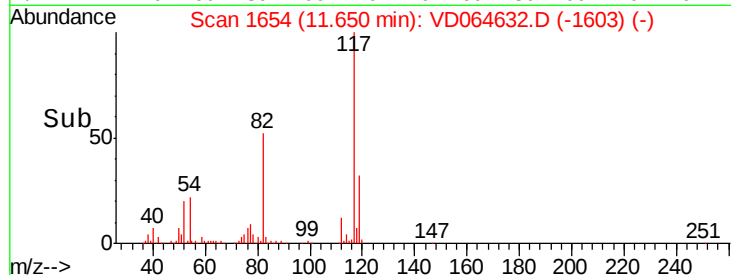
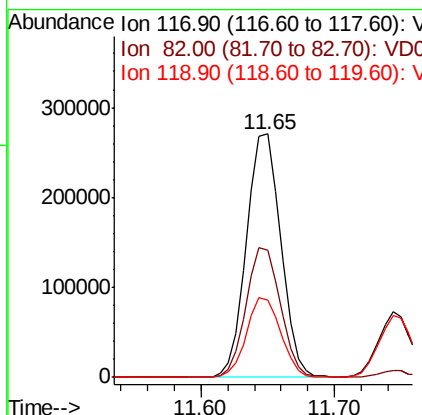
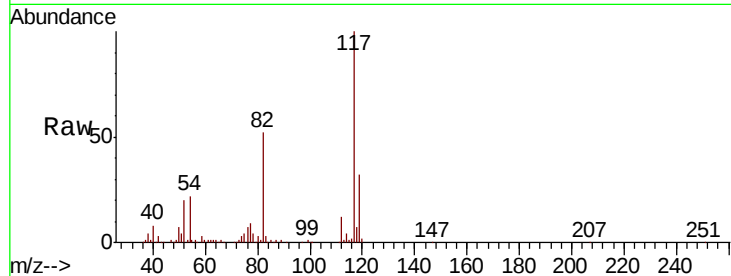
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.2	63.4
119	31.8	26.0	39.0

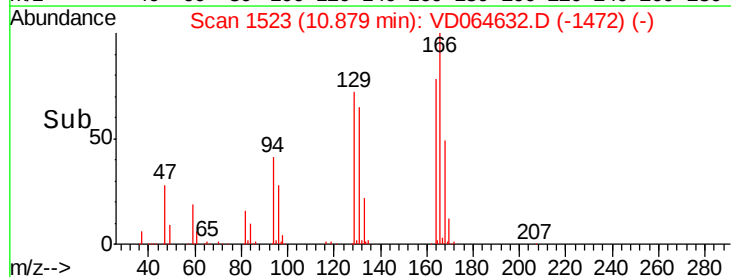
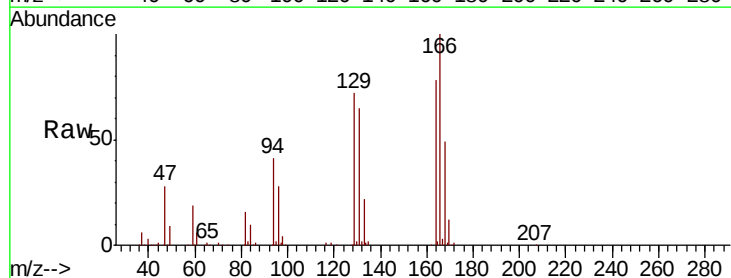
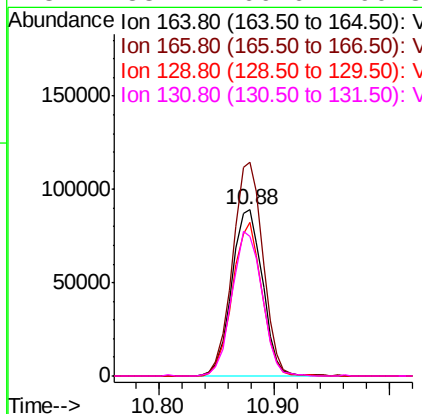
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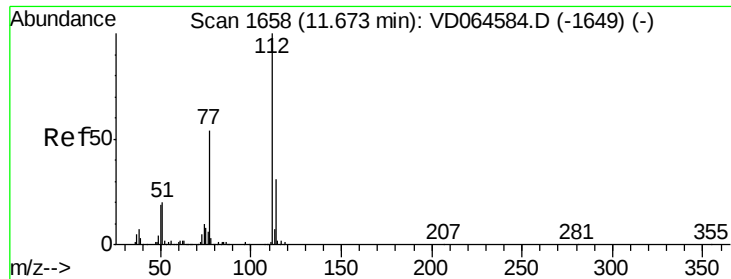
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#64
Tetrachloroethene
Concen: 44.635 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.3	151.9
129	92.3	70.5	105.7
131	83.7	66.6	99.8





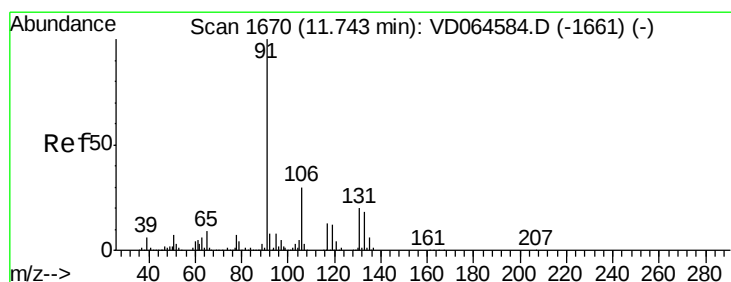
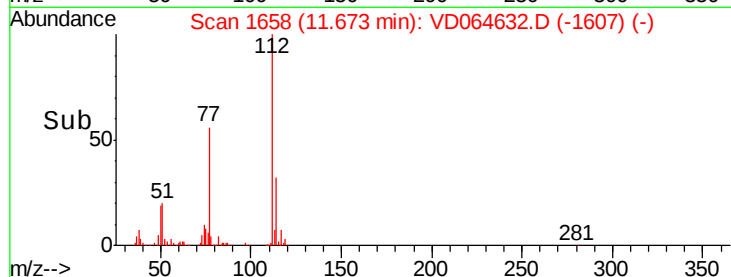
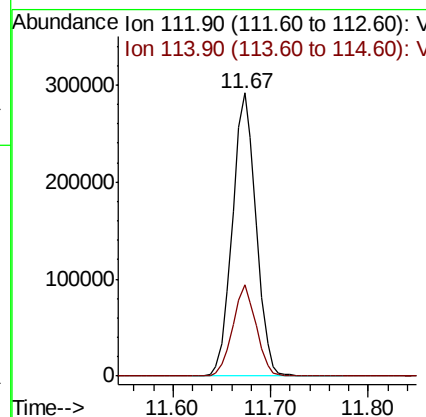
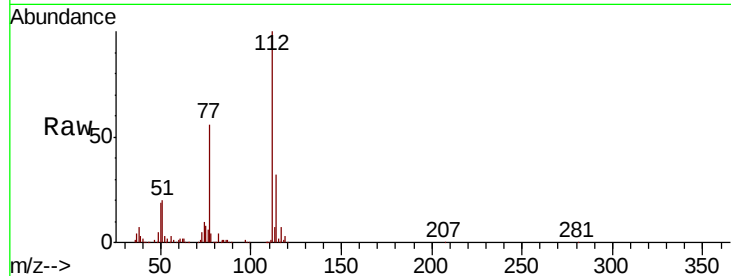
#65
Chlorobenzene
Concen: 48.916 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 489367
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

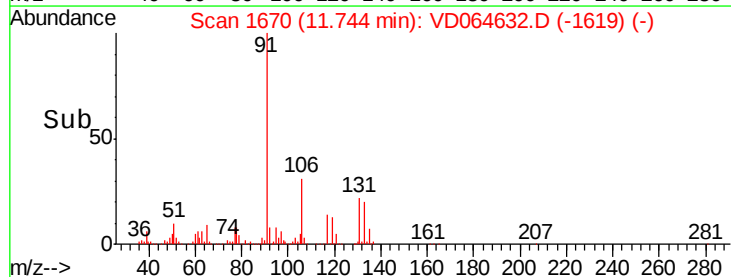
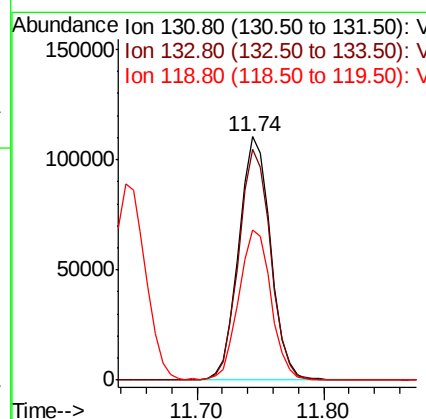
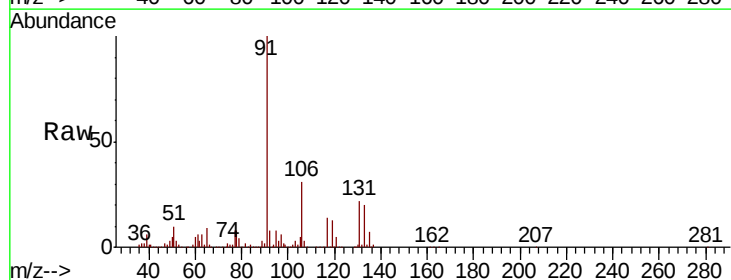
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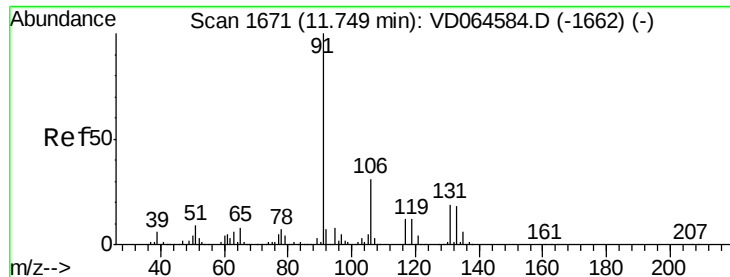
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.840 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion:131 Resp: 191742
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.8
119 62.7 32.1 96.3





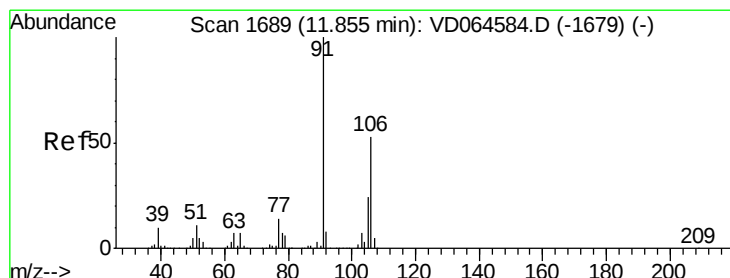
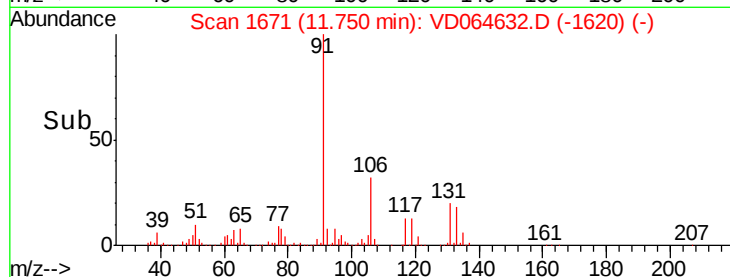
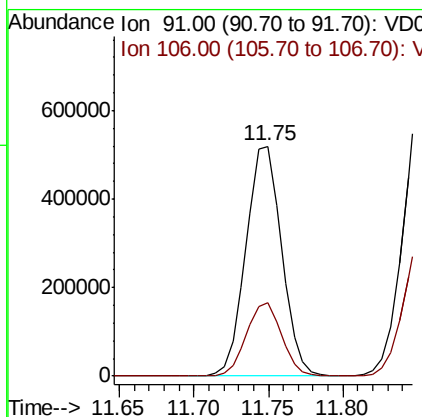
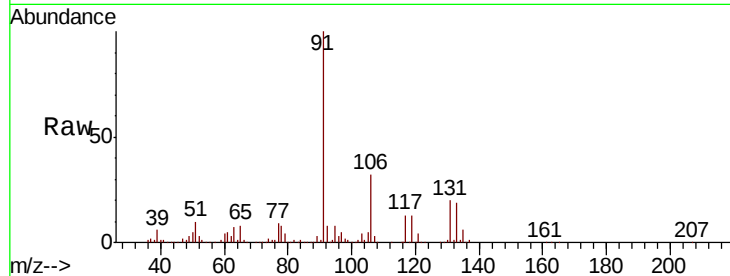
#67
Ethyl Benzene
Concen: 47.340 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 859626
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

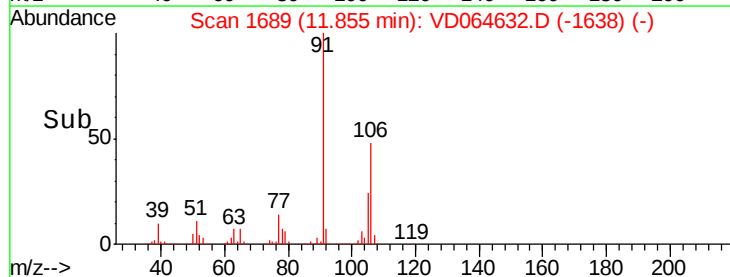
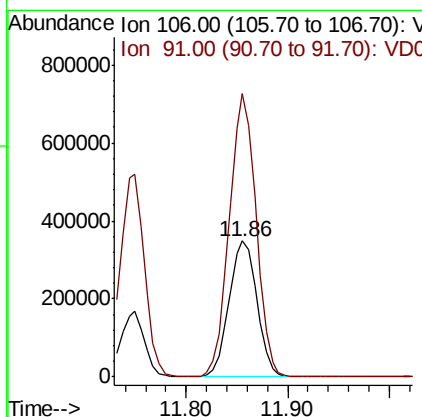
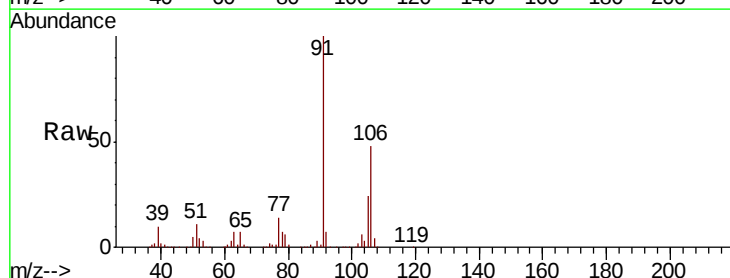
Manual Integrations
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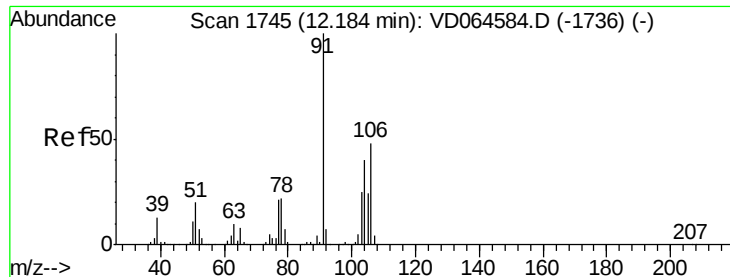
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#68
m/p-Xylenes
Concen: 95.204 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 106 Resp: 667261
Ion Ratio Lower Upper
106 100
91 200.2 156.3 234.5





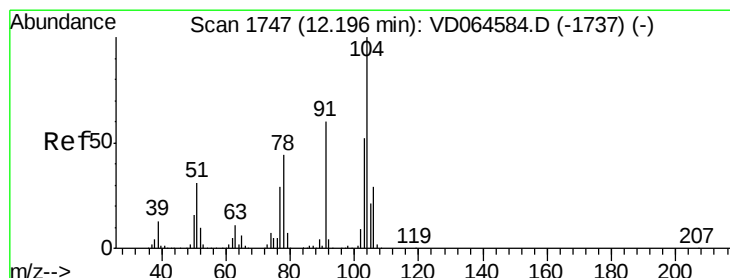
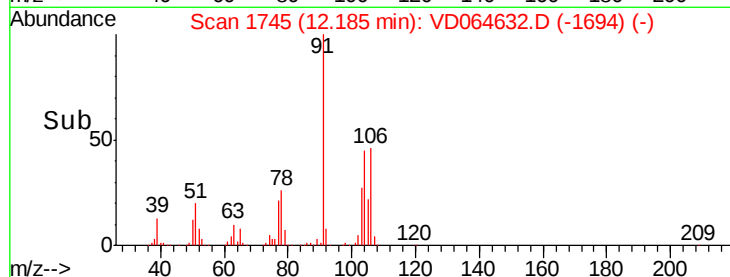
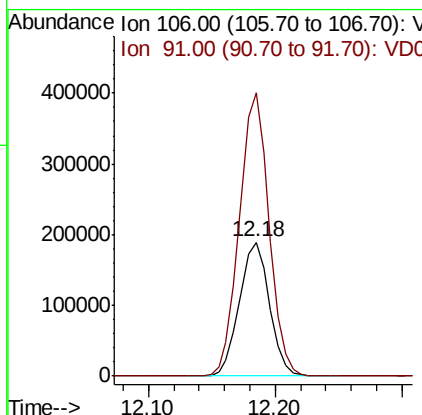
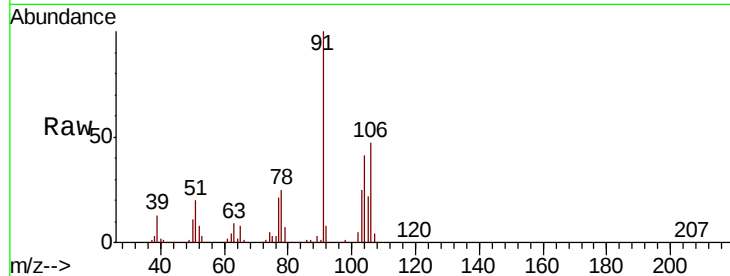
#69
o-Xylene
Concen: 49.189 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.9	104.8	314.4

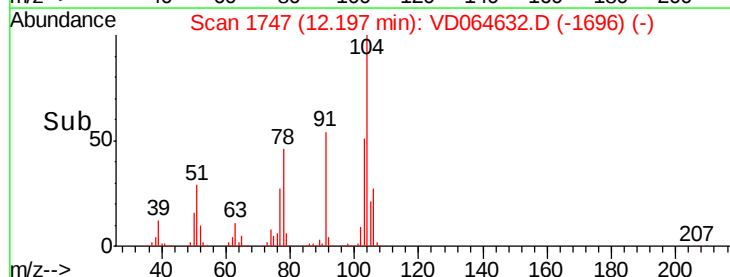
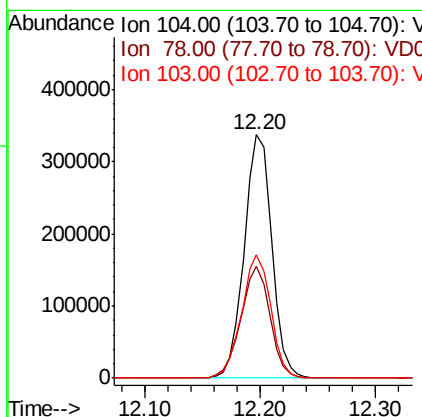
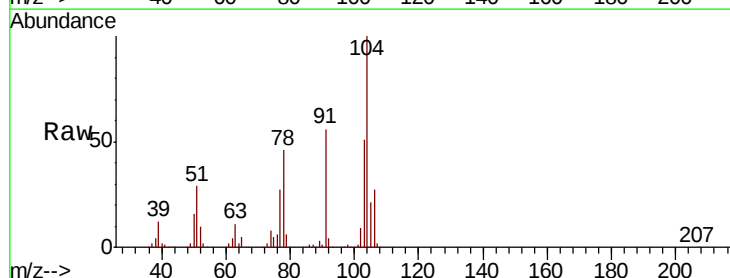
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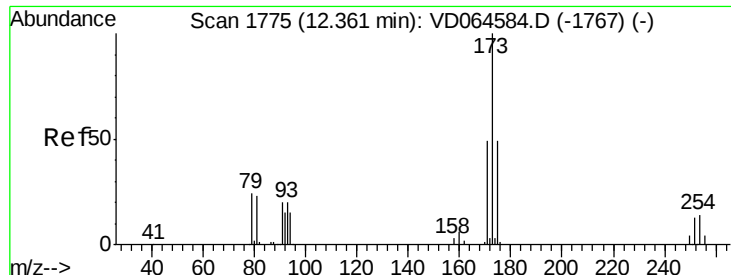
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#70
Styrene
Concen: 50.517 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.2	57.2
103	53.8	44.6	67.0





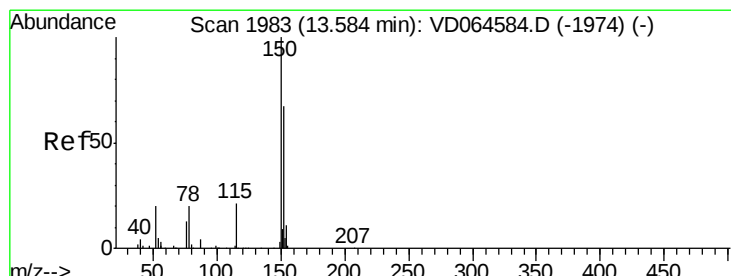
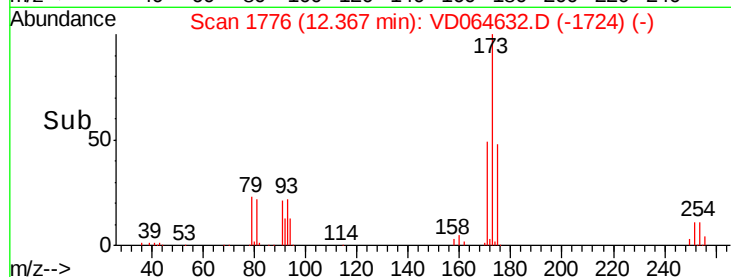
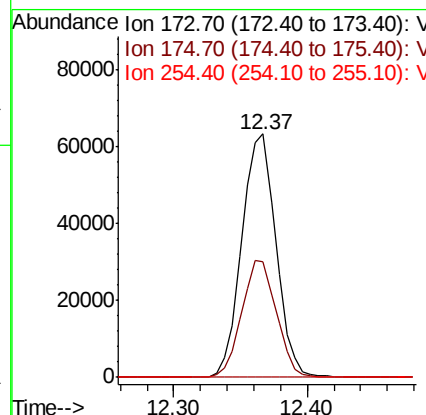
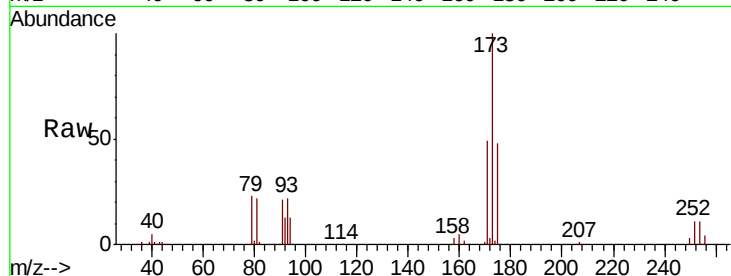
#71
Bromoform
Concen: 52.032 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.8
254	0.1	0.1	0.1

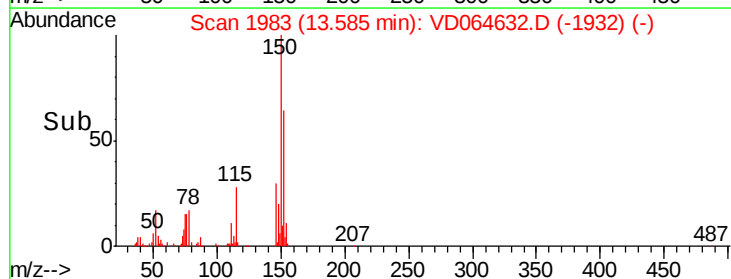
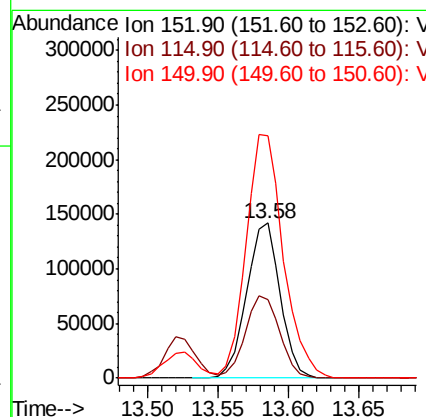
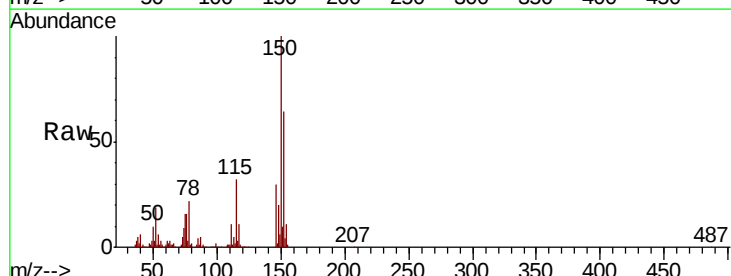
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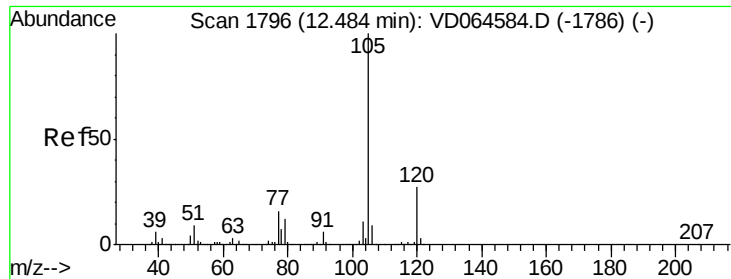
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.4
150	174.6	0.0	351.4





#73

Isopropylbenzene

Concen: 48.278 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 812727

Ion Ratio Lower Upper

105 100

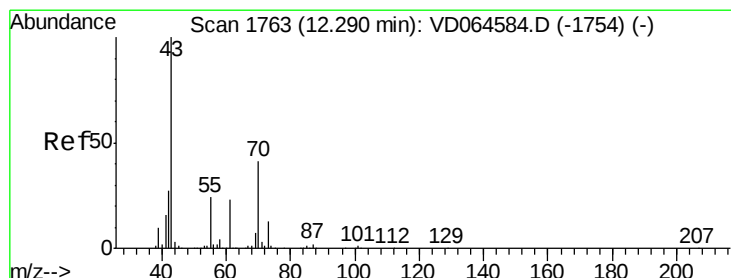
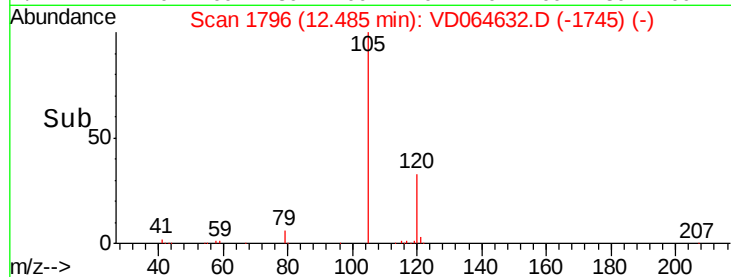
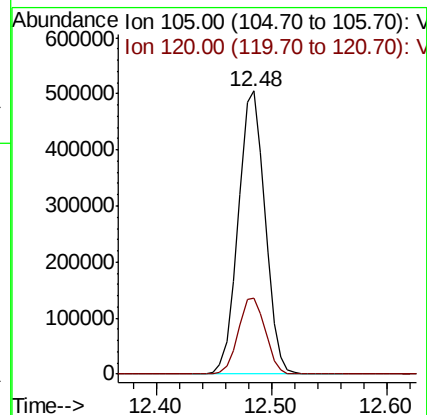
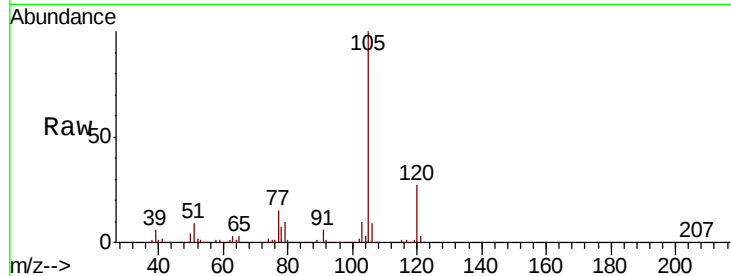
120 27.0 13.5 40.5

Manual Integrations

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12/27/2019 2:07:32 PM



#74

N-ethyl acetate

Concen: 55.123 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion: 43 Resp: 198364

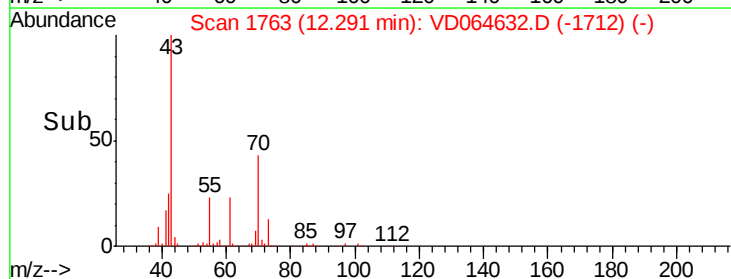
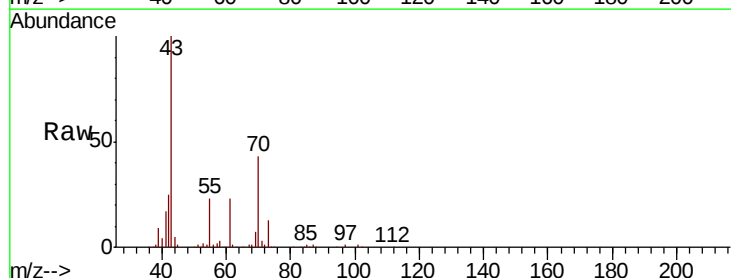
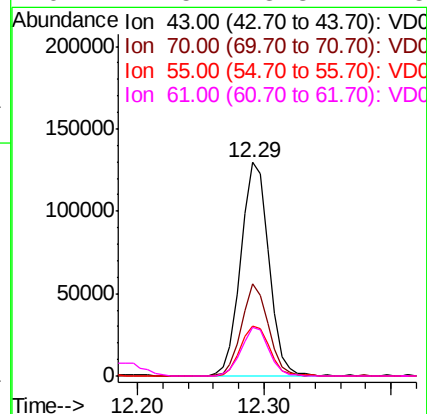
Ion Ratio Lower Upper

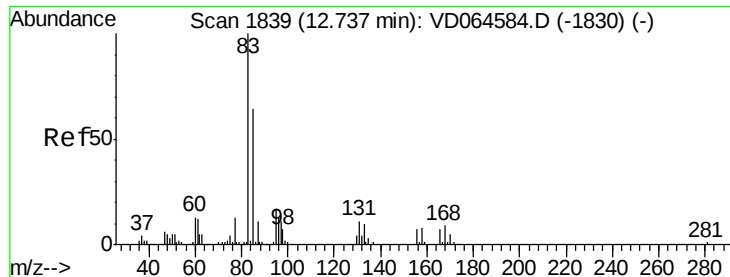
43 100

70 41.0 33.4 50.0

55 24.5 19.4 29.0

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.069 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 142988

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

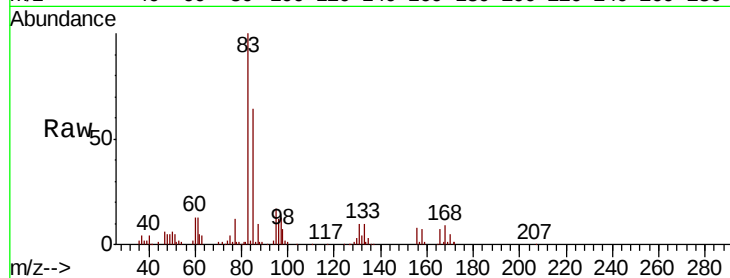
85 64.9 32.3 96.9

Manual Integrations

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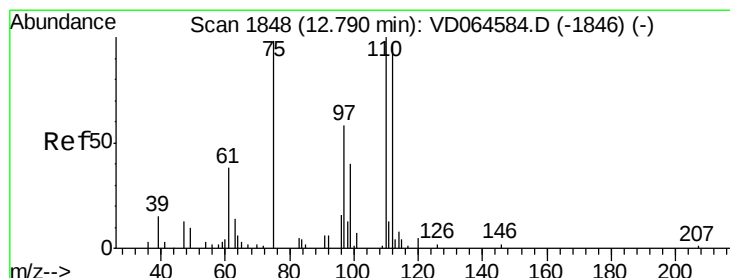
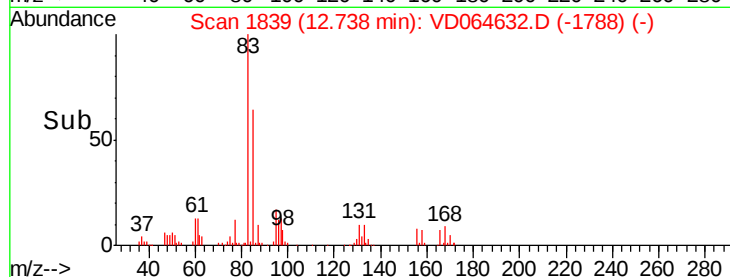
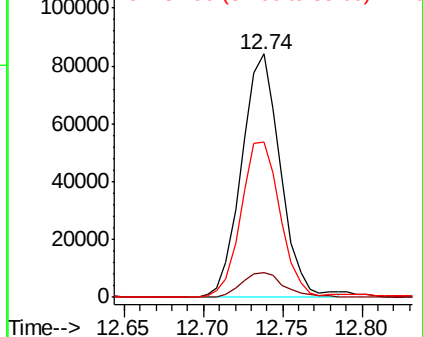
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Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 44.763 ug/l m

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD064632.D

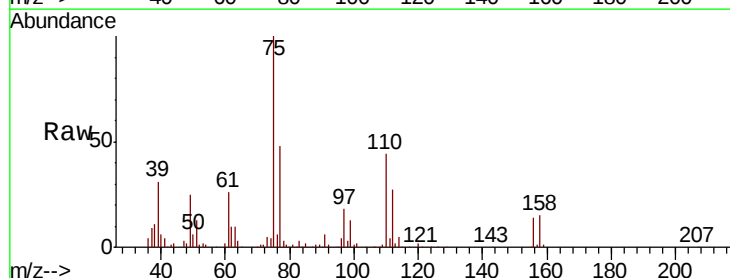
Acq: 27 Dec 2019 08:16

Tgt Ion: 75 Resp: 83268

Ion Ratio Lower Upper

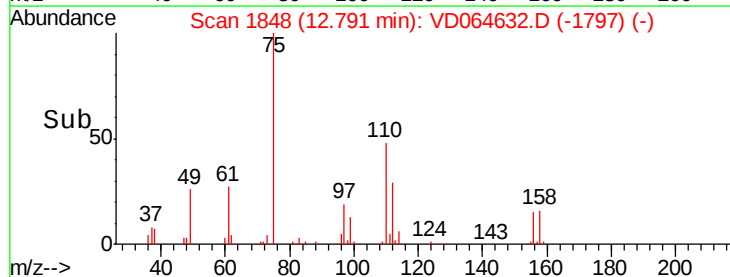
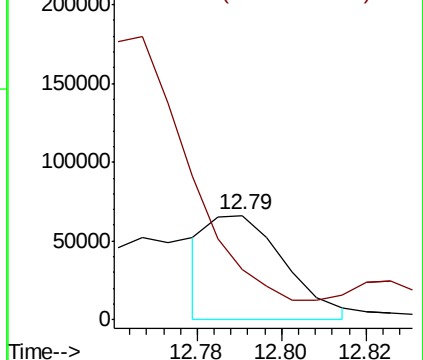
75 100

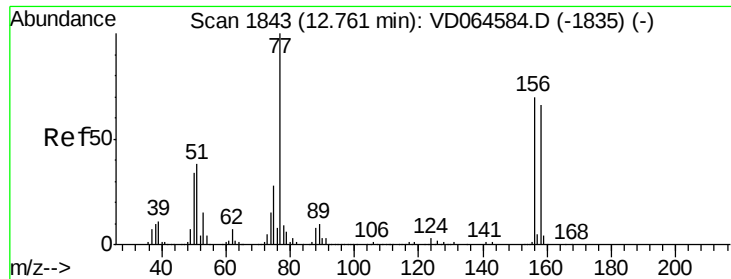
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.480 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

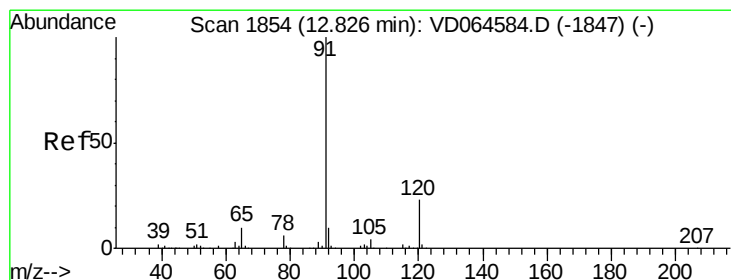
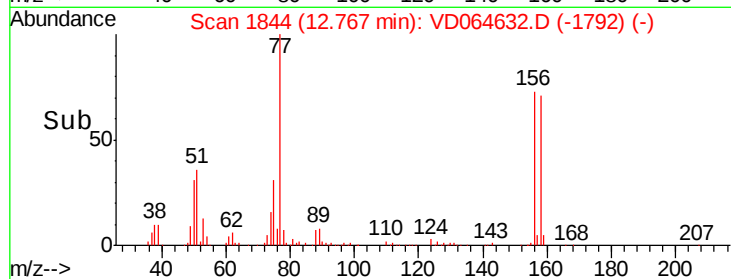
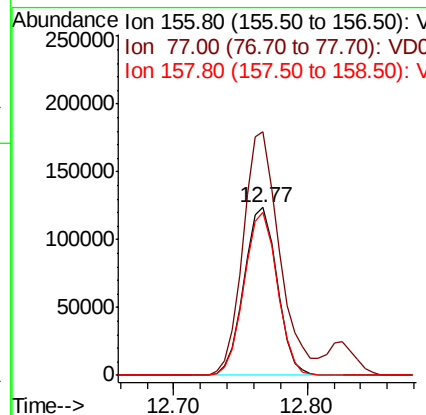
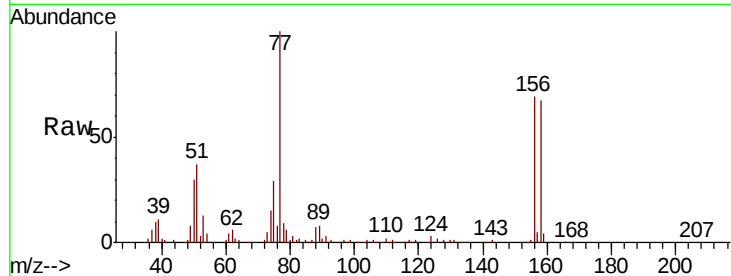
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	212947
Ion Ratio	Lower	Upper	
156	100		
77	160.5	80.9	242.7
158	97.1	48.0	144.2

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#78

n-propylbenzene

Concen: 47.885 ug/l

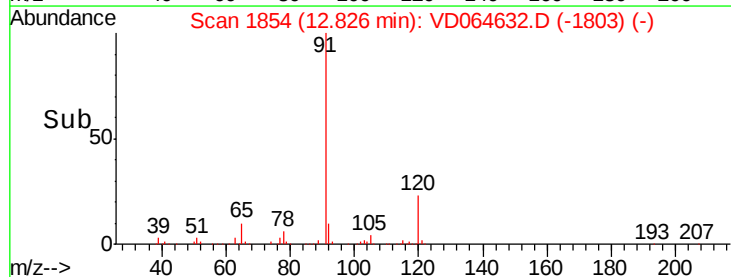
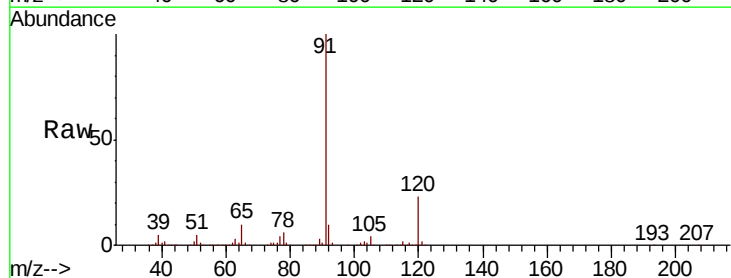
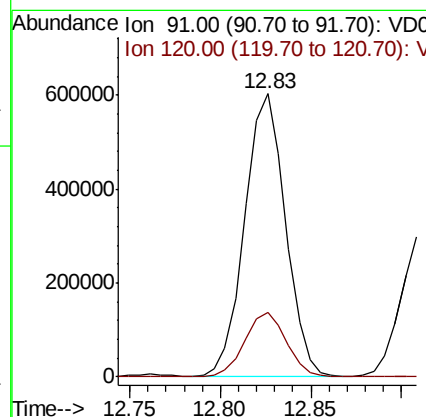
RT: 12.83 min Scan# 1854

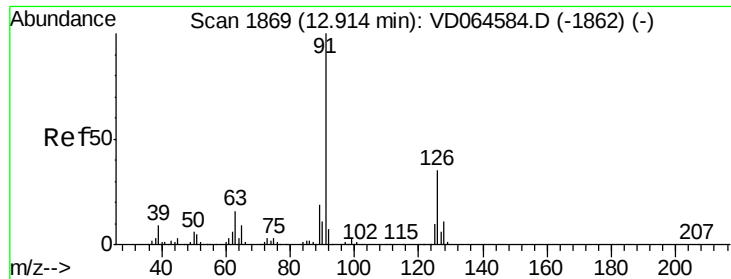
Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Tgt Ion:	91	Resp:	940440
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.9





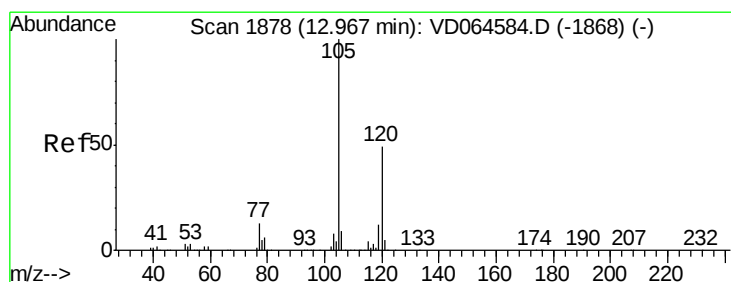
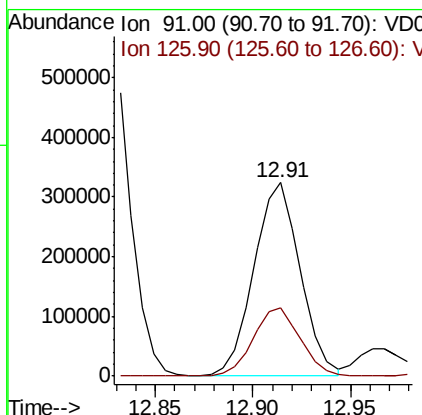
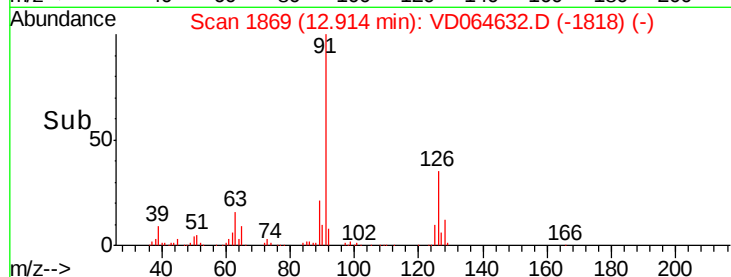
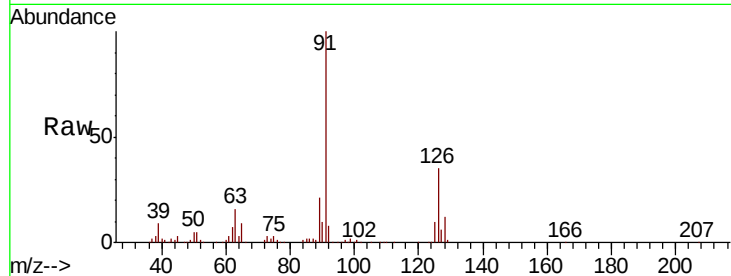
#79
2-Chlorotoluene
Concen: 49.376 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 532701
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5

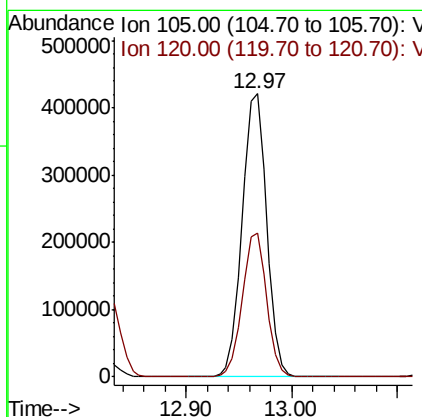
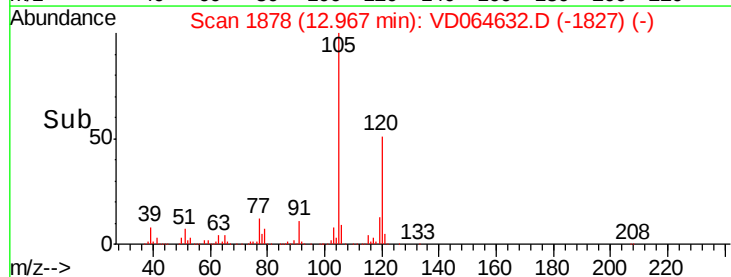
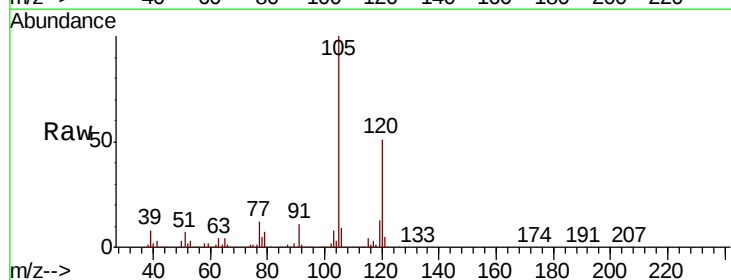
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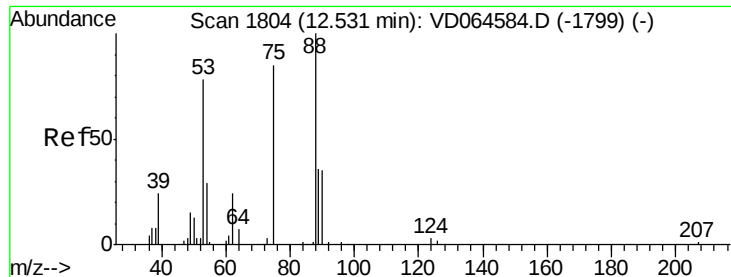
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#80
1,3,5-Trimethylbenzene
Concen: 49.044 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion: 105 Resp: 678220
Ion Ratio Lower Upper
105 100
120 50.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.832 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064632.D

Acq: 27 Dec 2019 08:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 42543

Ion Ratio Lower Upper

75 100

53 101.1 78.8 118.2

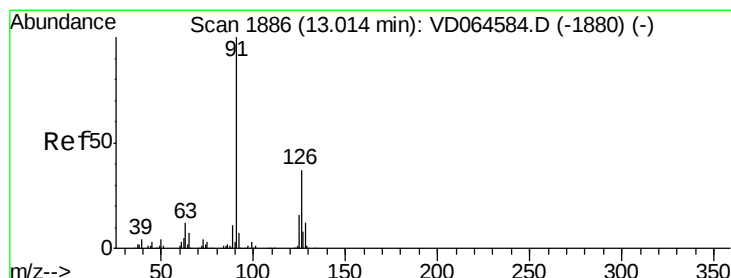
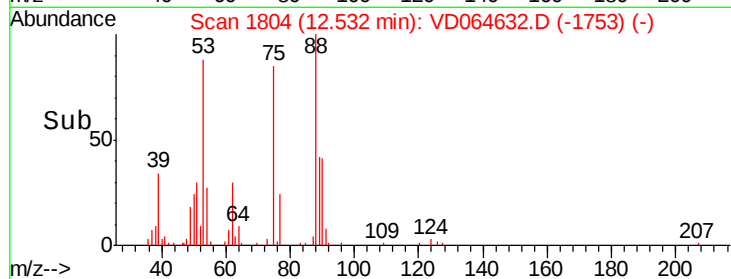
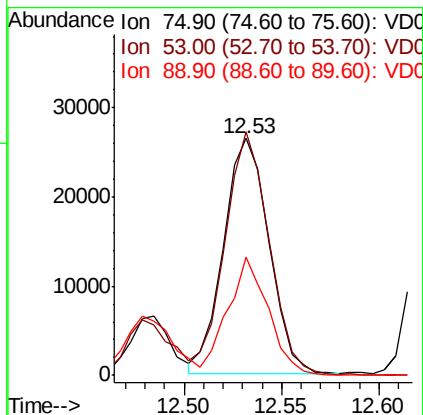
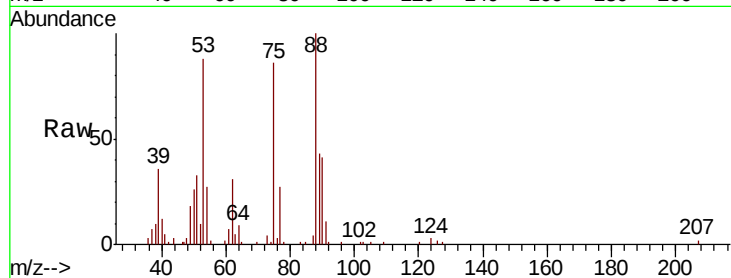
89 44.7 38.3 57.5

Manual Integrations

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12/27/2019 2:07:32 PM



#82

4-Chlorotoluene

Concen: 49.195 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VD064632.D

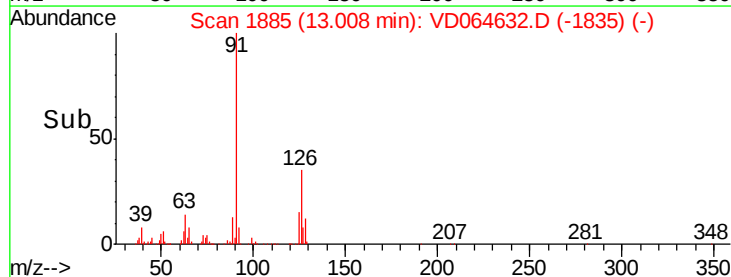
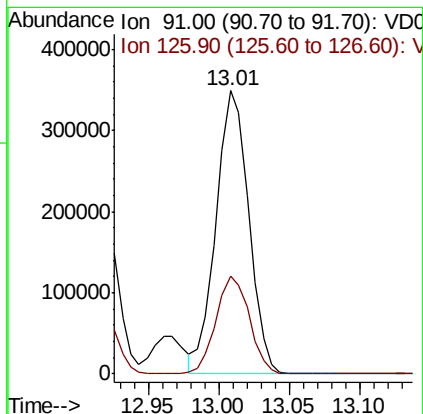
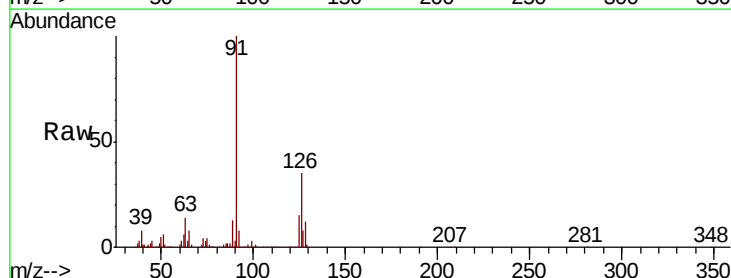
Acq: 27 Dec 2019 08:16

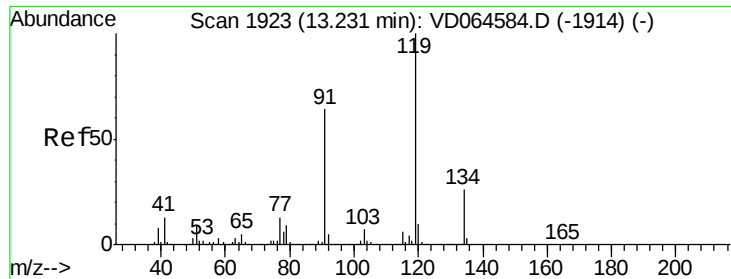
Tgt Ion: 91 Resp: 564827

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.5





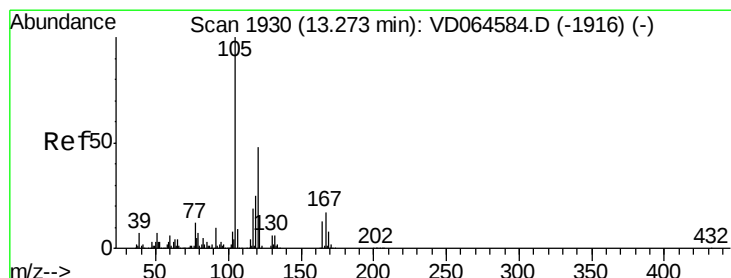
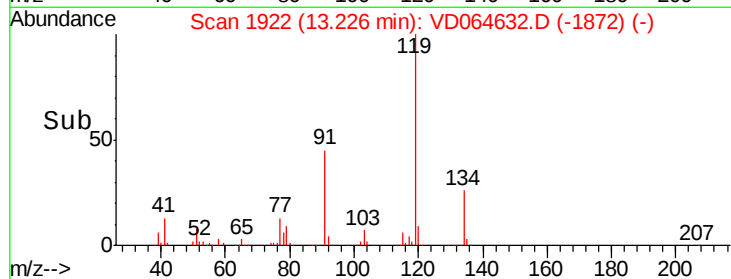
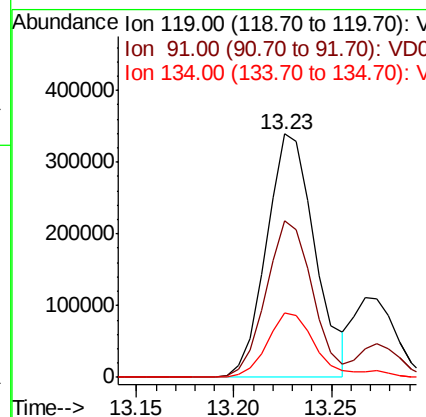
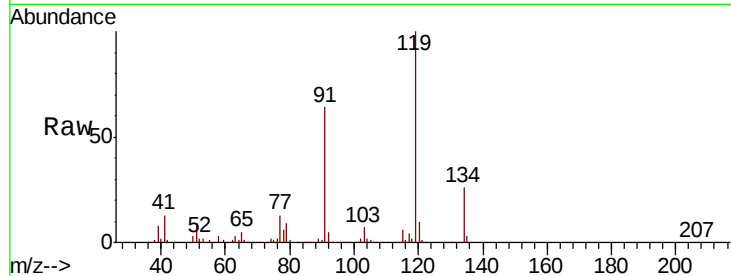
#83
tert-Butylbenzene
Concen: 48.715 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.8	92.4
134	27.2	12.8	38.3

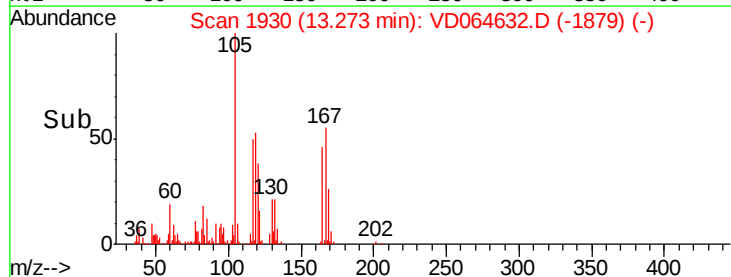
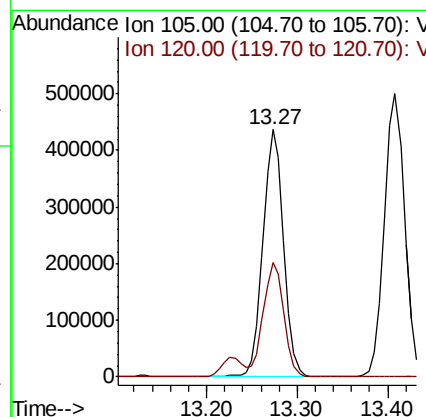
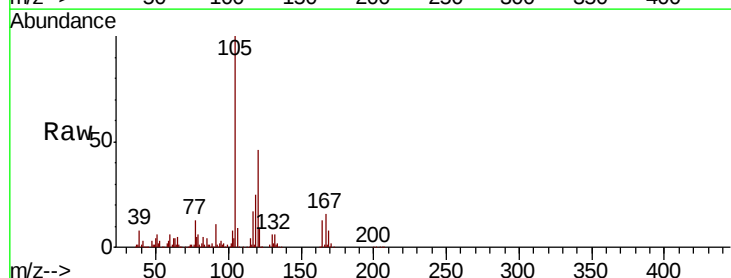
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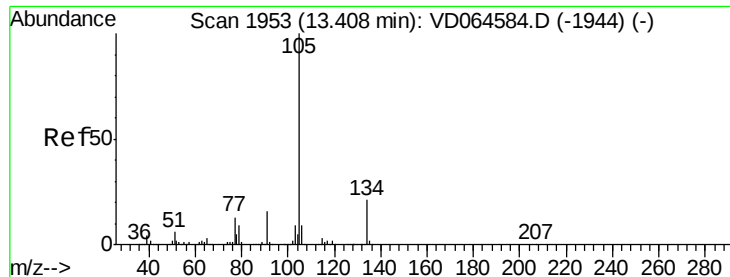
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#84
1,2,4-Trimethylbenzene
Concen: 49.899 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.8	71.2





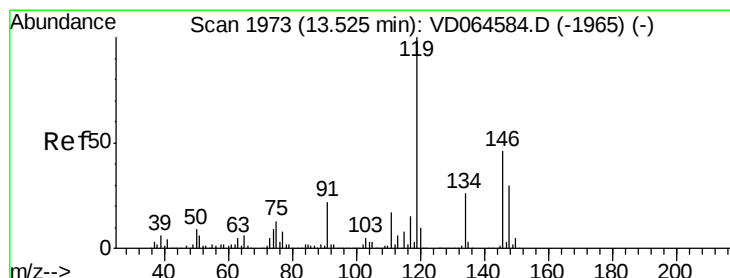
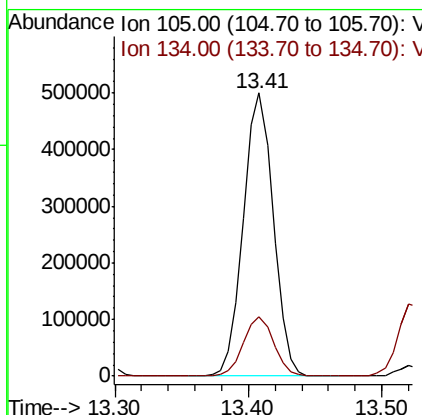
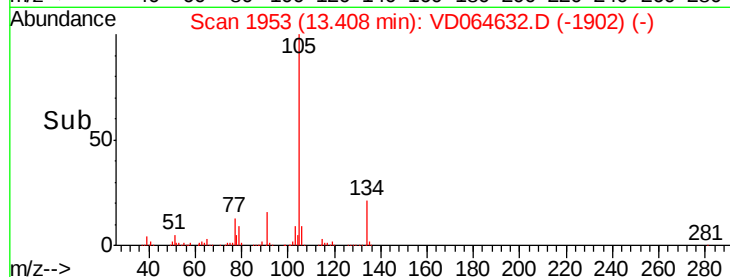
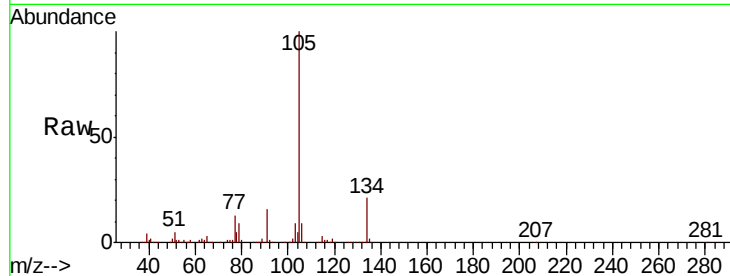
#85
 sec-Butylbenzene
 Concen: 47.045 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.6	31.8

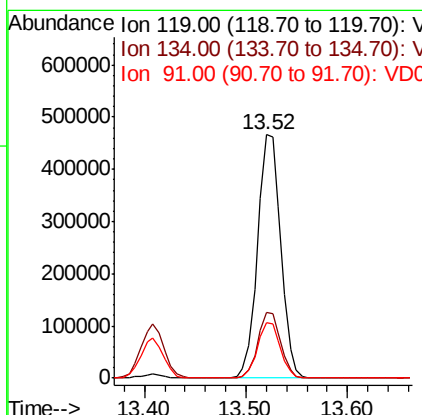
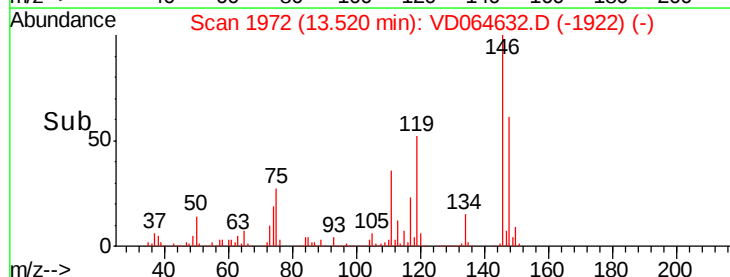
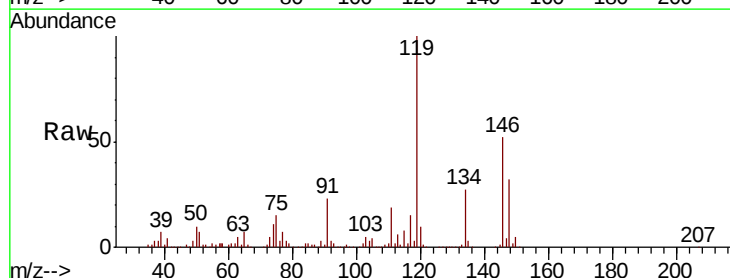
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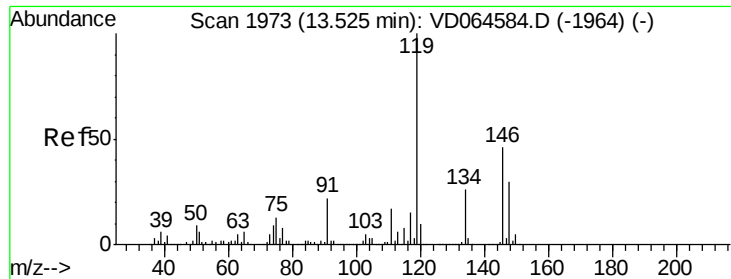
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#86
 p-Isopropyltoluene
 Concen: 47.071 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.1
91	22.4	11.2	33.6





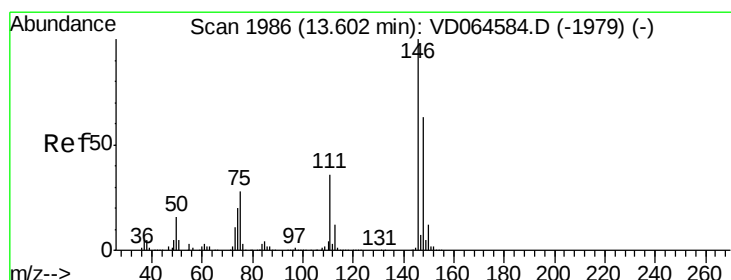
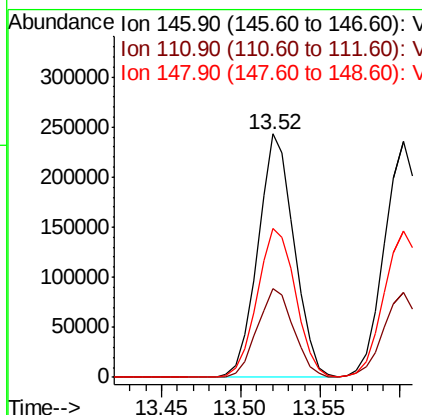
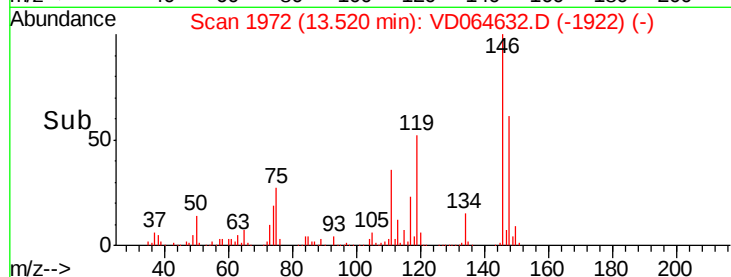
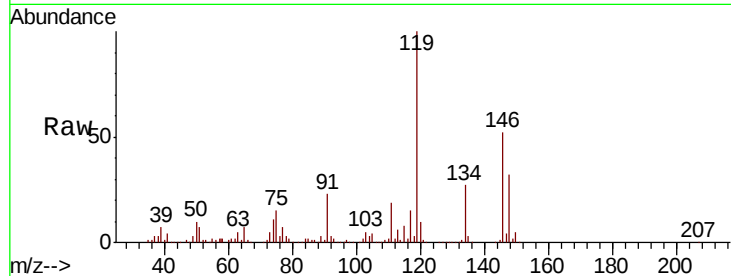
#87
 1,3-Dichlorobenzene
 Concen: 49.029 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.8	56.4
148	64.6	32.5	97.5

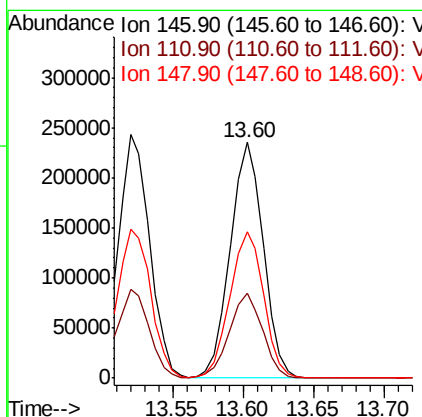
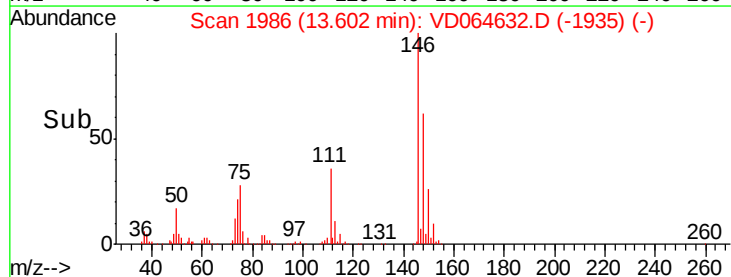
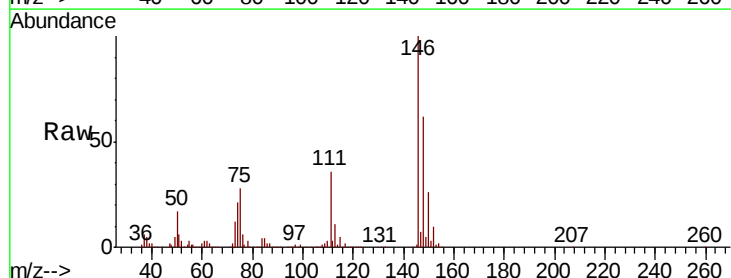
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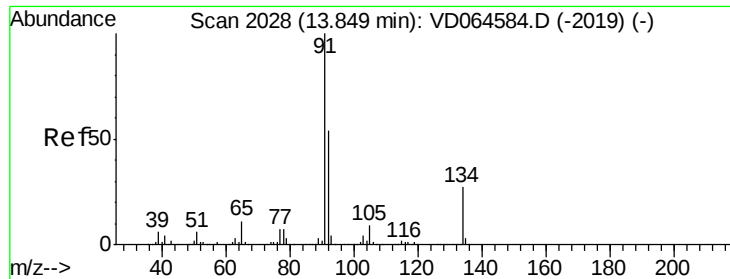
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#88
 1,4-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	63.4	32.3	96.9





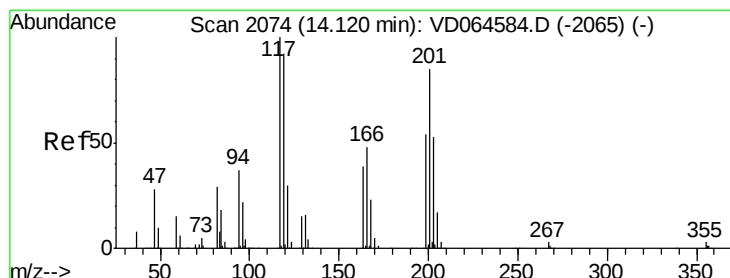
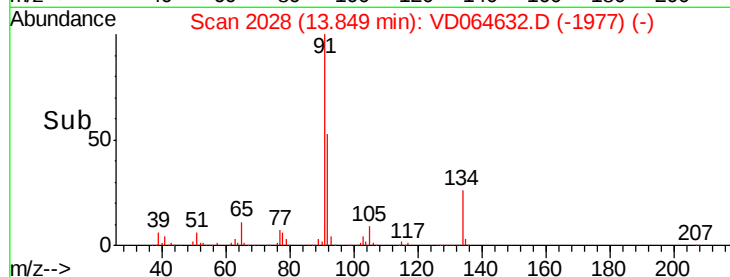
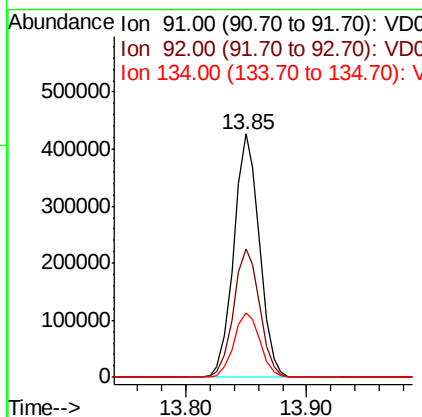
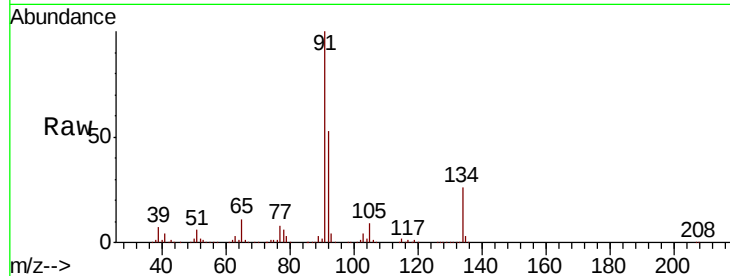
#89
n-Butylbenzene
Concen: 44.435 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.7	26.8	80.4	
134	27.2	14.0	41.9	

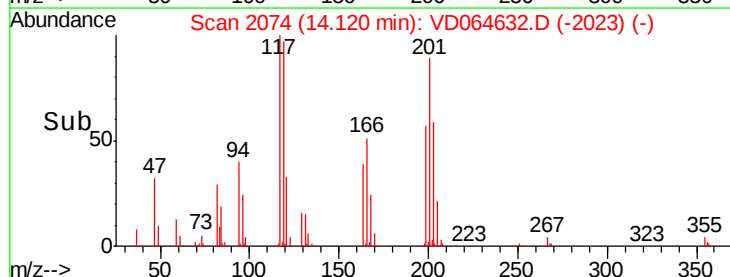
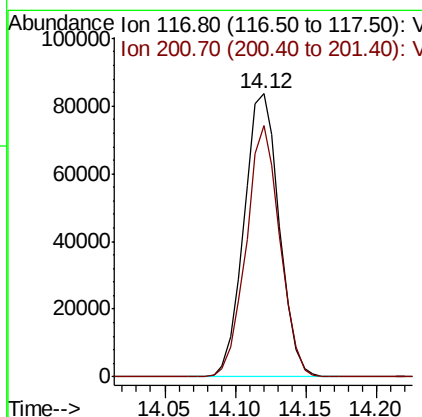
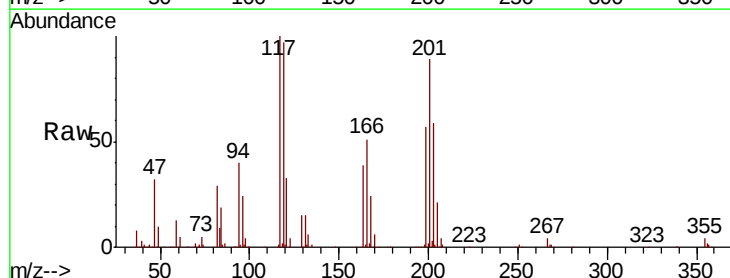
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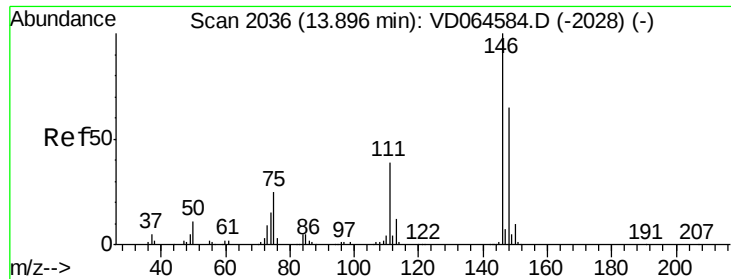
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#90
Hexachloroethane
Concen: 48.600 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.1	44.0	131.8	





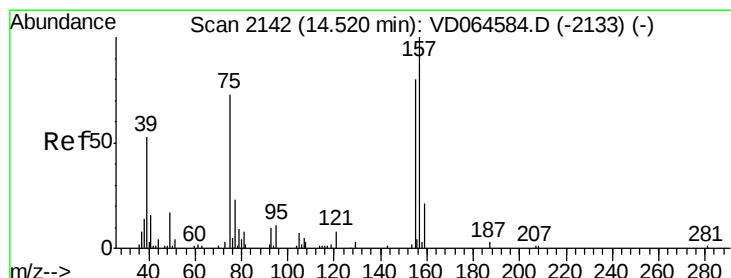
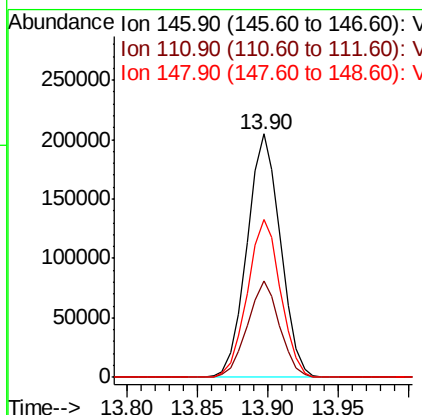
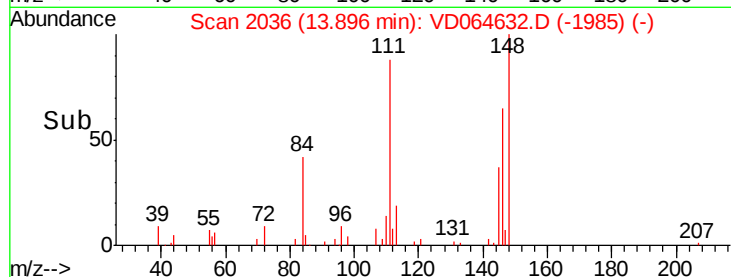
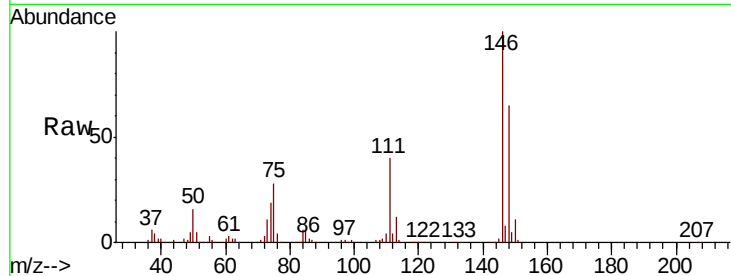
#91
 1,2-Dichlorobenzene
 Concen: 50.660 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	64.4	31.9	95.5

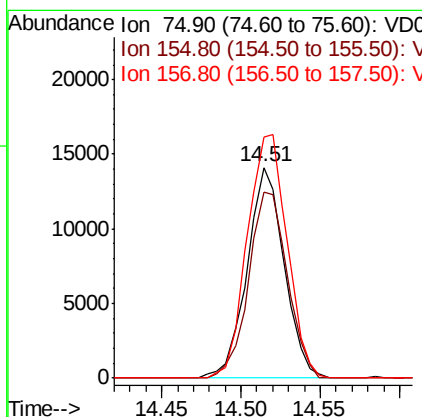
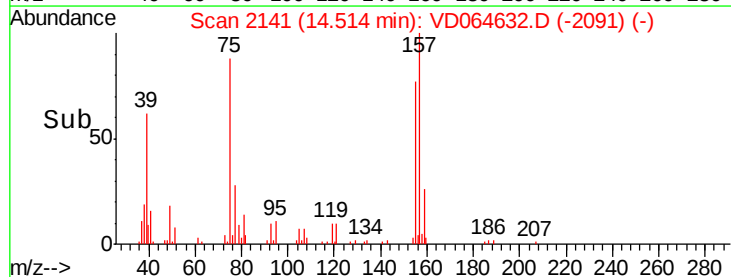
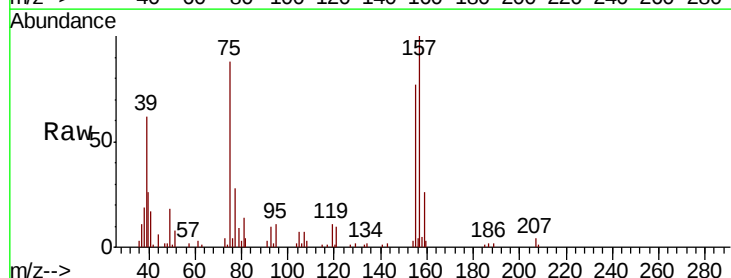
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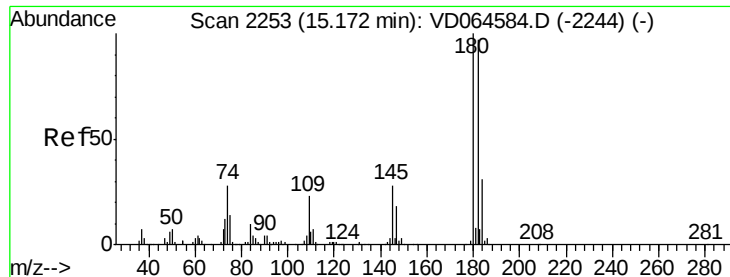
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.556 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	48.0	144.0
157	124.2	64.1	192.3





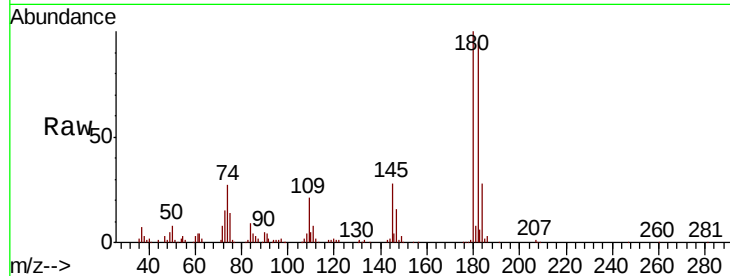
#93
 1,2,4-Trichlorobenzene
 Concen: 47.629 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	235808		
182	97.0	48.0	144.2	
145	28.5	13.8	41.4	

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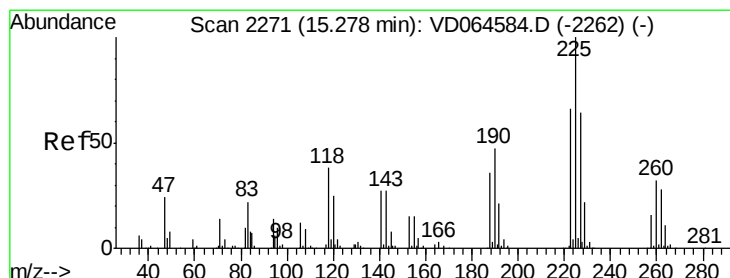
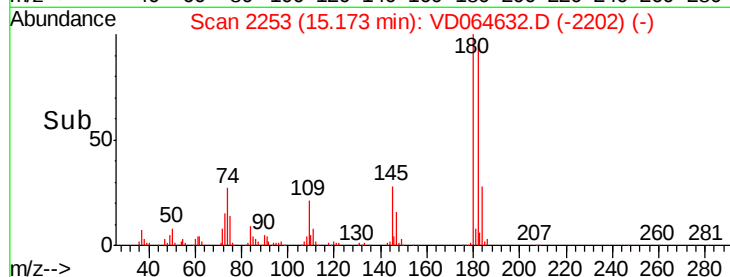
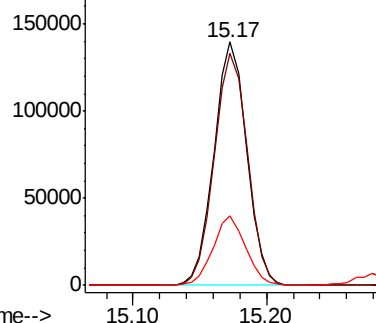


Abundance

Ion 179.80 (179.50 to 180.50): V

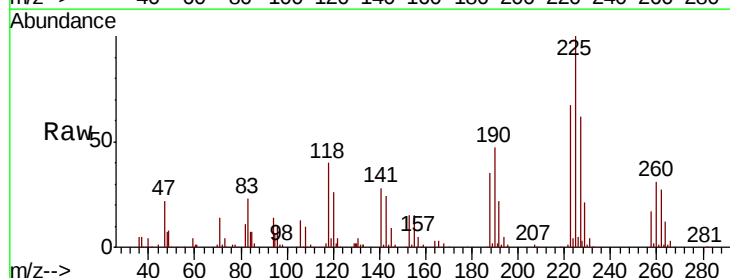
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 41.879 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD064632.D
 Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130474		
223	64.3	31.1	93.2	
227	64.2	30.9	92.7	

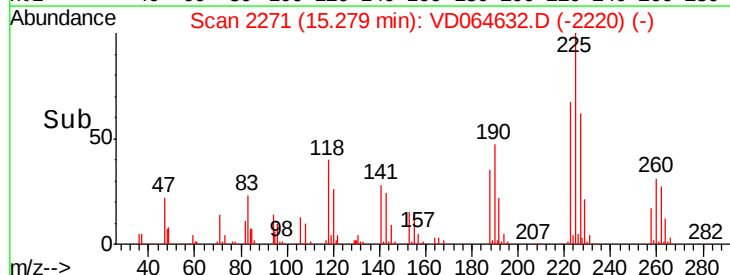
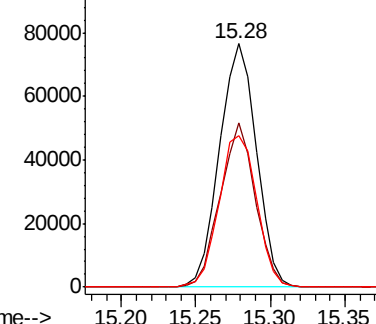


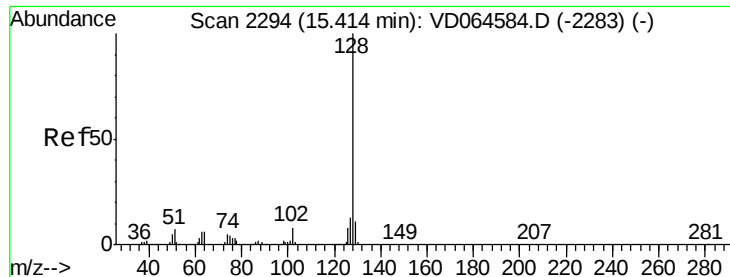
Abundance

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





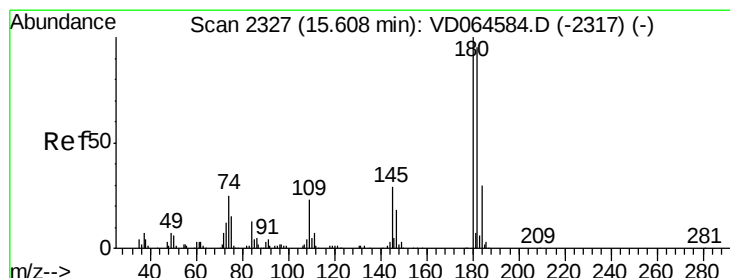
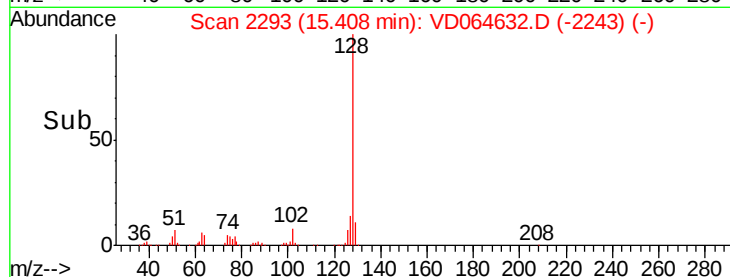
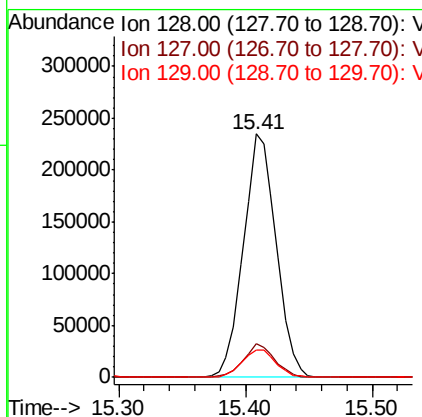
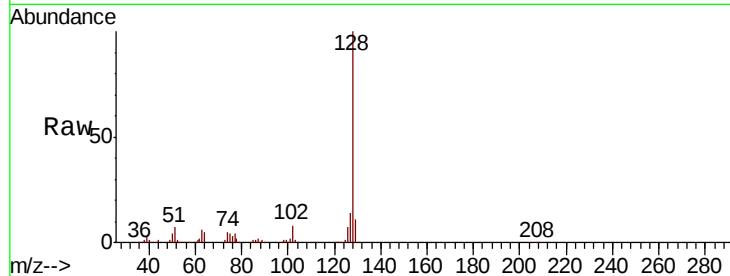
#95
Naphthalene
Concen: 53.704 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.6	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 49.932 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064632.D
Acq: 27 Dec 2019 08:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.7
145	28.9	14.9	44.7

