

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065661.D
 Acq On : 17 Apr 2020 23:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 4:28:28 PM

Quant Time: Apr 20 08:39:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	228286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	337126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	322182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	165615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	104237	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.91	113	105905	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.34	98	391302	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.64	95	131452	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	88123	46.356	ug/l	98
3) Chloromethane	2.21	50	99566	47.993	ug/l	96
4) Vinyl Chloride	2.35	62	101537	45.051	ug/l	98
5) Bromomethane	2.77	94	62793	51.297	ug/l	97
6) Chloroethane	2.92	64	65861	49.152	ug/l	98
7) Trichlorofluoromethane	3.27	101	140829	43.828	ug/l	100
8) Diethyl Ether	3.70	74	34152	51.745	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94458	64.486	ug/l	98
10) Methyl Iodide	4.30	142	108593	45.398	ug/l	95
11) Tert butyl alcohol	5.24	59	29916	293.488	ug/l	98
12) 1,1-Dichloroethene	4.06	96	91284	69.329	ug/l	94
13) Acrolein	3.92	56	37260	433.526	ug/l	99
14) Allyl chloride	4.71	41	155744	59.333	ug/l	92
15) Acrylonitrile	5.43	53	117195	294.870	ug/l	98
16) Acetone	4.16	43	83323	300.010	ug/l	96
17) Carbon Disulfide	4.40	76	313917	53.634	ug/l	98
18) Methyl Acetate	4.72	43	58529	57.017	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	222724	59.735	ug/l	99
20) Methylene Chloride	4.96	84	112143	61.591	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	111209	52.270	ug/l	94
22) Diisopropyl ether	6.37	45	339291	55.833	ug/l	98
23) Vinyl Acetate	6.31	43	943336	263.940	ug/l	99
24) 1,1-Dichloroethane	6.27	63	193104	50.296	ug/l	100
25) 2-Butanone	7.22	43	136822	264.027	ug/l	95
26) 2,2-Dichloropropane	7.21	77	144486	43.177	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123006	52.115	ug/l	98
28) Bromochloromethane	7.55	49	79296	51.713	ug/l	99
29) Tetrahydrofuran	7.57	42	95545	290.582	ug/l	98
30) Chloroform	7.71	83	198258	50.455	ug/l	98
31) Cyclohexane	7.98	56	164147	44.882	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	167260	47.342	ug/l	100
36) 1,1-Dichloropropene	8.11	75	147979	45.459	ug/l	100
37) Ethyl Acetate	7.30	43	67748	52.187	ug/l	100
38) Carbon Tetrachloride	8.10	117	154775	44.388	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	168384	44.451	ug/l	98
40) Benzene	8.36	78	447026	47.763	ug/l	100
41) Methacrylonitrile	7.53	41	37950m	59.024	ug/l	
42) 1,2-Dichloroethane	8.43	62	127250	49.610	ug/l	99
43) Isopropyl Acetate	8.46	43	123156	52.683	ug/l	99
44) Trichloroethene	9.11	130	120387	45.951	ug/l	93
45) 1,2-Dichloropropane	9.39	63	113293	49.323	ug/l	99
46) Dibromomethane	9.48	93	59217	49.853	ug/l	99
47) Bromodichloromethane	9.67	83	155154	49.052	ug/l	98
48) Methyl methacrylate	9.46	41	59188	47.424	ug/l	92
49) 1,4-Dioxane	9.47	88	14274	987.860	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	325374	249.317	ug/l	99
52) Toluene	10.41	92	286991	49.741	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	143760	49.499	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	174224	49.566	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	83673	49.802	ug/l	99
56) Ethyl methacrylate	10.67	69	100599	47.981	ug/l	98
57) 1,3-Dichloropropane	10.95	76	142159	49.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	260618	257.843	ug/l	100
59) 2-Hexanone	10.99	43	214917	240.145	ug/l	98
60) Dibromochloromethane	11.14	129	109925	49.677	ug/l	100
61) 1,2-Dibromoethane	11.25	107	74552	46.116	ug/l	99
64) Tetrachloroethene	10.88	164	103963	44.972	ug/l	97
65) Chlorobenzene	11.68	112	304984	47.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	116846	47.909	ug/l	99
67) Ethyl Benzene	11.75	91	522750	47.952	ug/l	99
68) m/p-Xylenes	11.86	106	411572	97.722	ug/l	98
69) o-Xylene	12.18	106	186849	50.563	ug/l	99
70) Styrene	12.20	104	339841	51.955	ug/l	100
71) Bromoform	12.37	173	66661	48.652	ug/l #	98
73) Isopropylbenzene	12.48	105	488827	48.938	ug/l	100
74) N-amyl acetate	12.30	43	111340	47.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	86882	47.903	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	58312m	43.791	ug/l	
77) Bromobenzene	12.77	156	129542	48.837	ug/l	99
78) n-propylbenzene	12.83	91	581209	48.099	ug/l	100
79) 2-Chlorotoluene	12.91	91	337056	49.118	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	414702	49.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	29203	48.064	ug/l	97
82) 4-Chlorotoluene	13.01	91	356419	48.267	ug/l	99
83) tert-Butylbenzene	13.23	119	335427	47.459	ug/l	100
84) 1,2,4-Trimethylbenzene	13.28	105	419823	49.957	ug/l	100
85) sec-Butylbenzene	13.41	105	470823	46.563	ug/l	100
86) p-Isopropyltoluene	13.53	119	451113	47.537	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	247118	47.582	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	241745	46.765	ug/l	98
89) n-Butylbenzene	13.86	91	402904	46.779	ug/l	100
90) Hexachloroethane	14.12	117	89264	44.853	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	214439	48.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	13730	50.057	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150224	49.046	ug/l	98
94) Hexachlorobutadiene	15.28	225	90626	43.153	ug/l	98
95) Naphthalene	15.41	128	238452	45.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	132175	48.913	ug/l	99

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

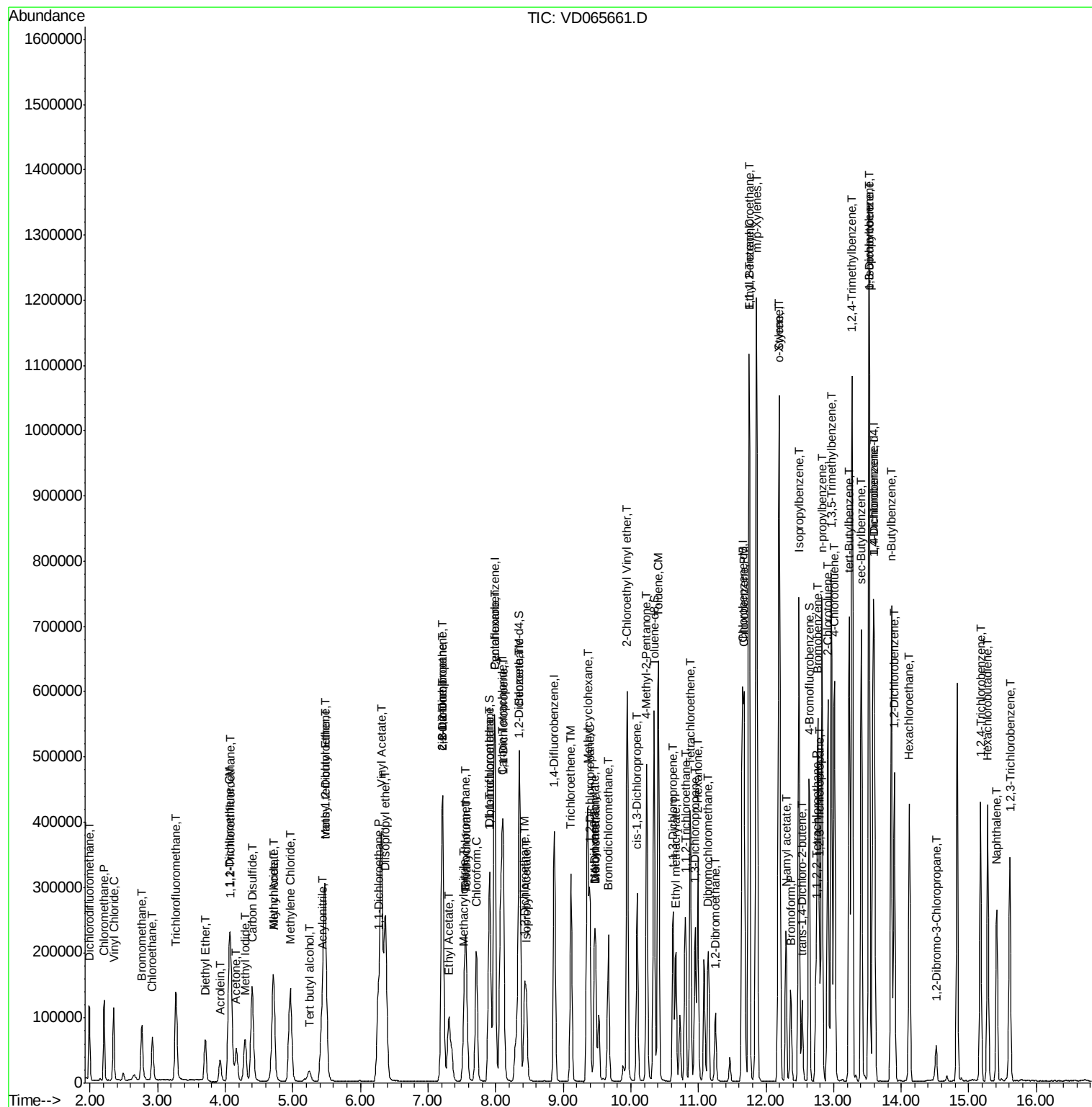
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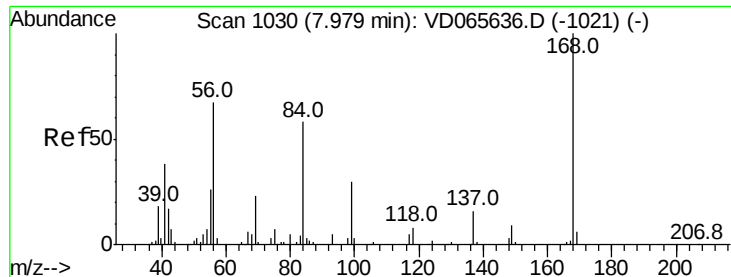
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 228286

Ion Ratio Lower Upper

168 100

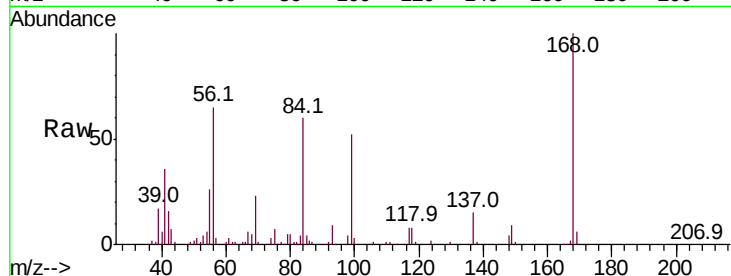
99 51.5 40.3 60.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

120000

100000

80000

60000

40000

20000

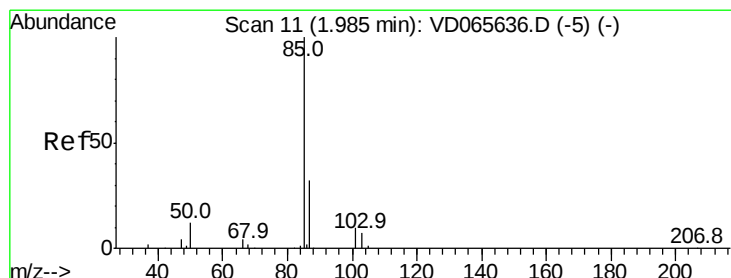
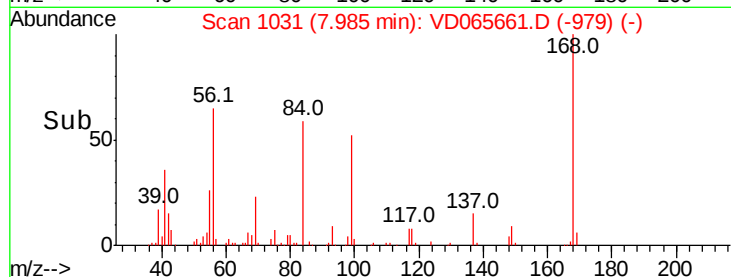
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.356 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065661.D

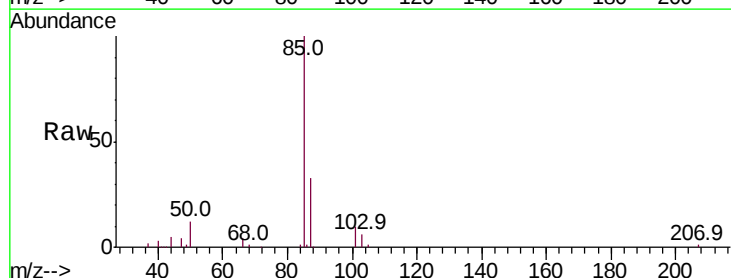
Acq: 17 Apr 2020 23:07

Tgt Ion: 85 Resp: 88123

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

40000

20000

0

1.90

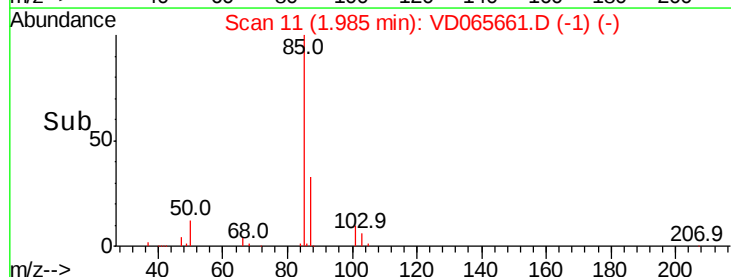
1.95

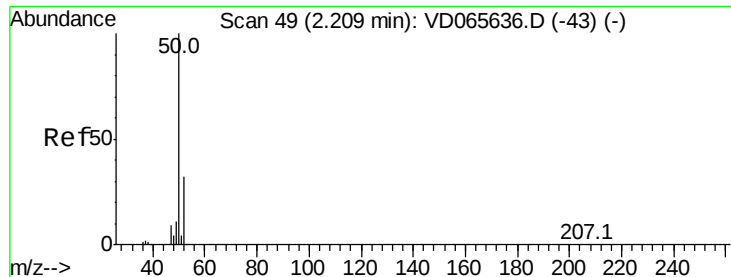
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 47.993 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99566

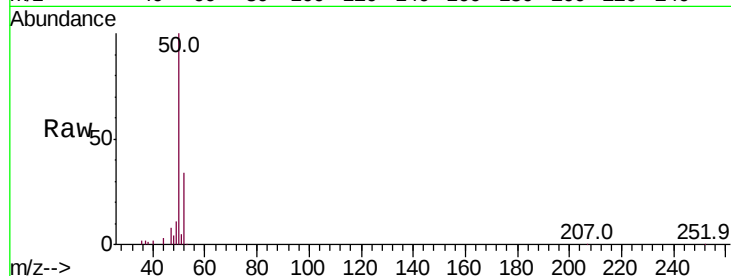
Ion Ratio Lower Upper

50 100

52 34.4 25.7 38.5

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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

80000

60000

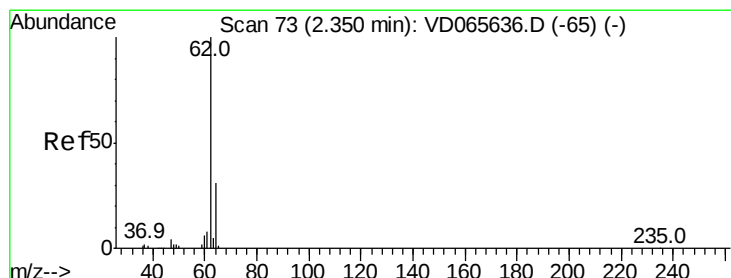
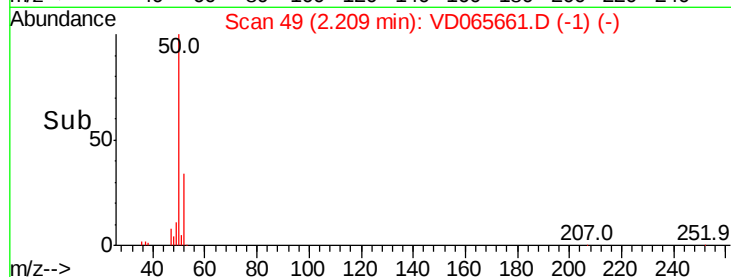
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 45.051 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065661.D

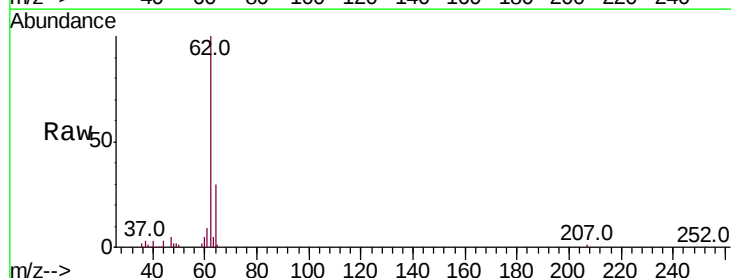
Acq: 17 Apr 2020 23:07

Tgt Ion: 62 Resp: 101537

Ion Ratio Lower Upper

62 100

64 30.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

60000

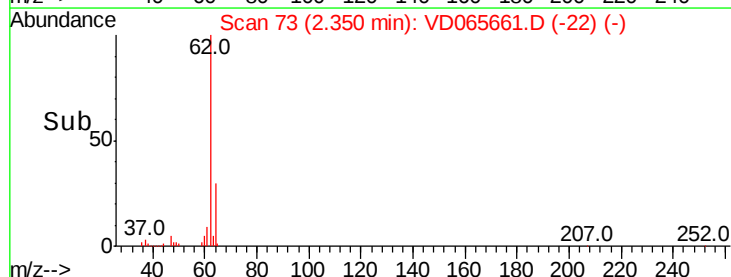
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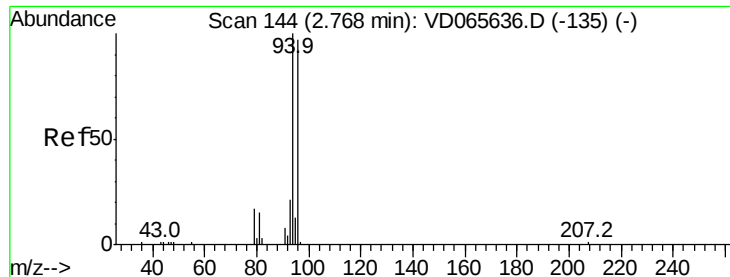
20000

0

Time-->

2.30 2.40





#5

Bromomethane

Concen: 51.297 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 62793

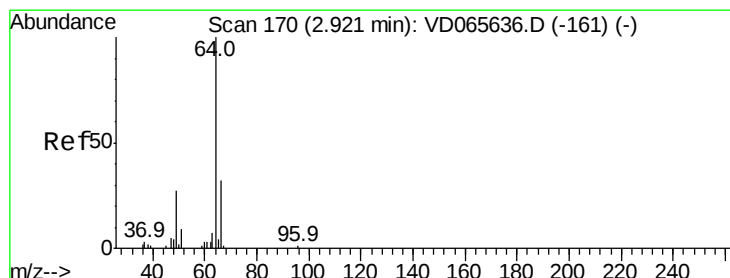
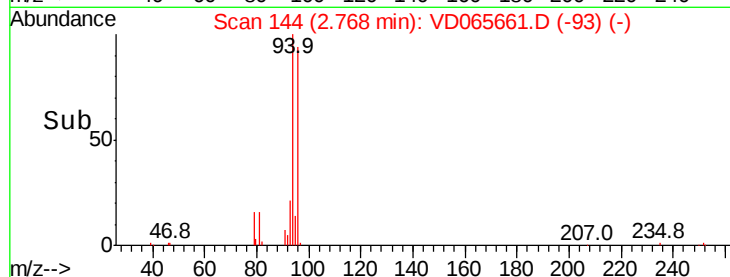
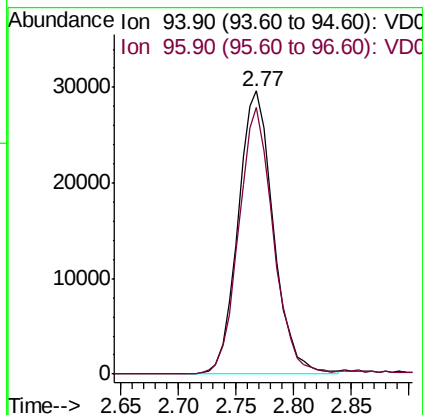
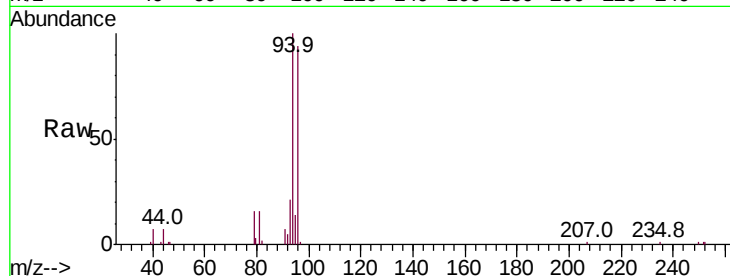
Ion Ratio Lower Upper

94 100

96 94.3 77.9 116.9

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#6

Chloroethane

Concen: 49.152 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD065661.D

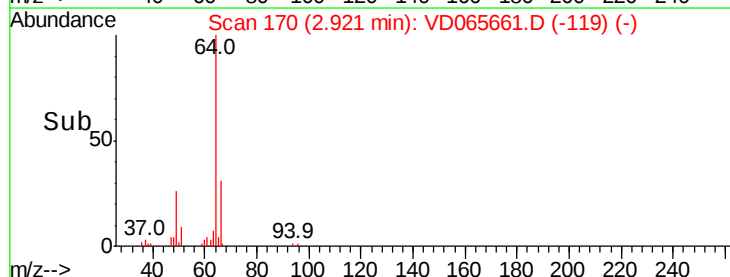
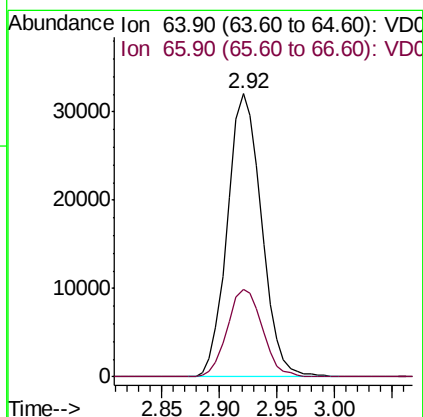
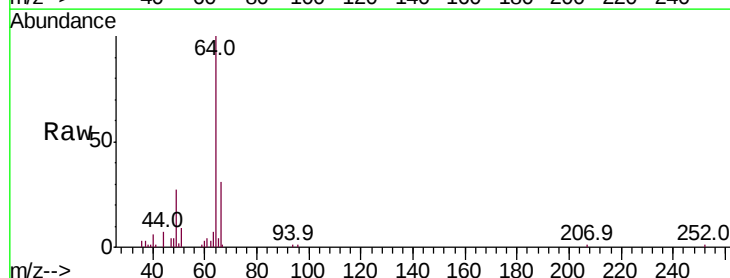
Acq: 17 Apr 2020 23:07

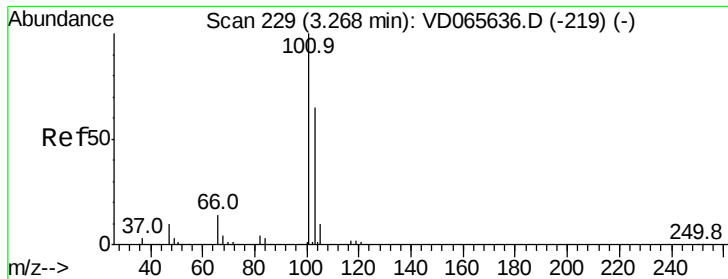
Tgt Ion: 64 Resp: 65861

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4





#7

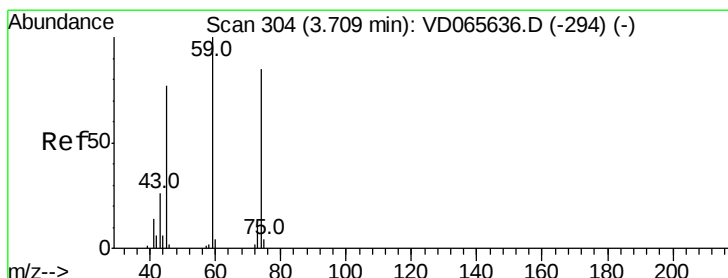
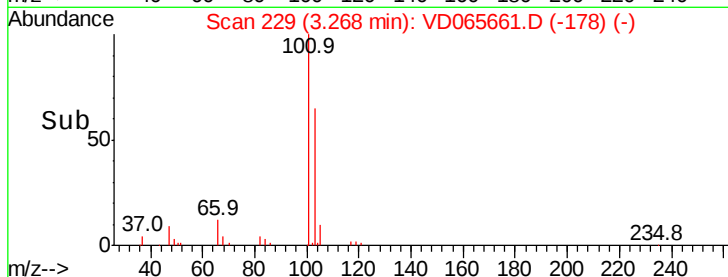
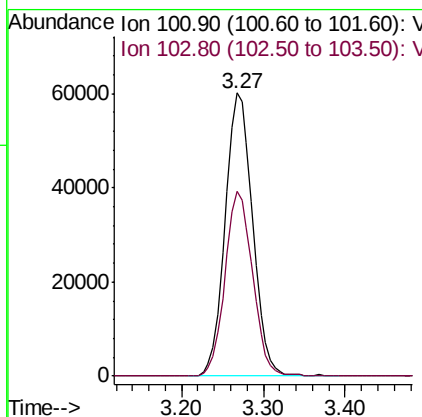
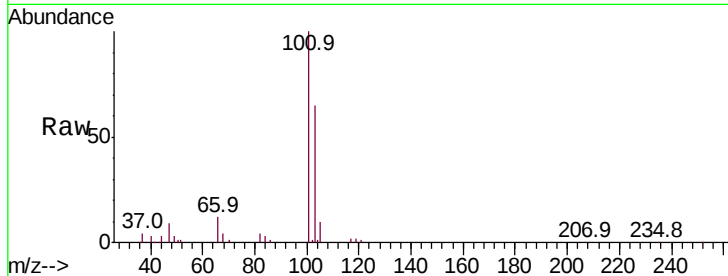
Trichlorofluoromethane
 Concen: 43.828 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

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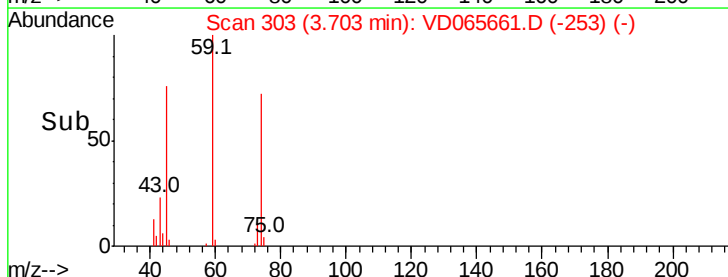
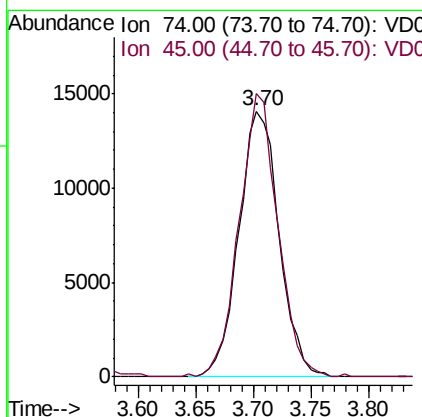
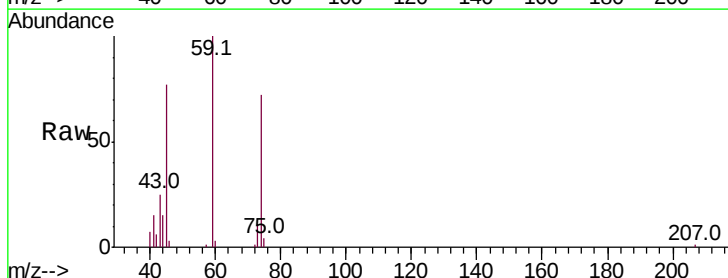
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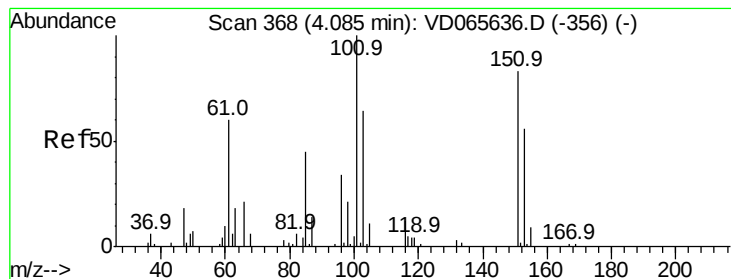


#8

Diethyl Ether
 Concen: 51.745 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 64.486 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.00 min

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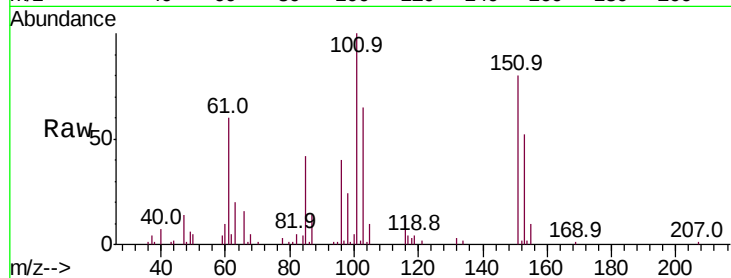
ClientSampleId :

VSTDCCC050EC

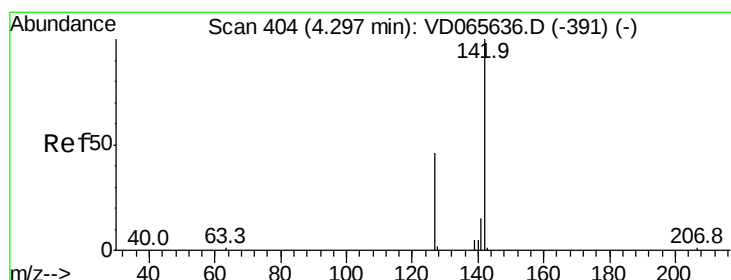
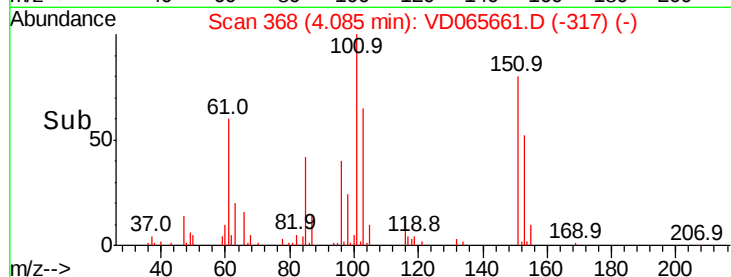
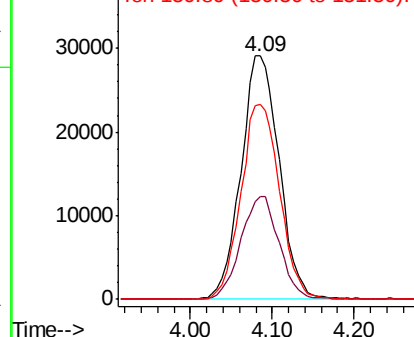
Tot Ion:	101	Resp:	94458
Ion Ratio	Lower	Upper	
101	100		
85	42.5	36.2	54.2
151	81.0	65.6	98.4

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



#10

Methyl Iodide

Concen: 45.398 ug/l

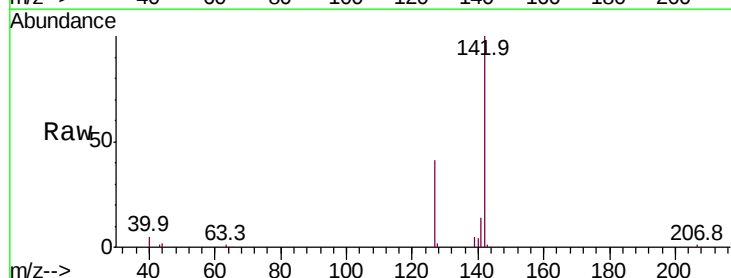
RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

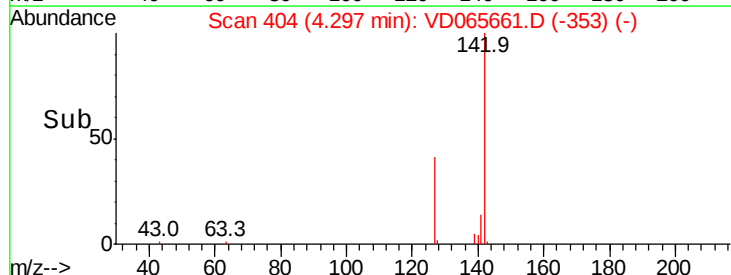
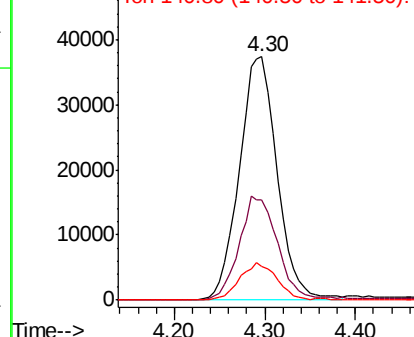
Lab File: VD065661.D

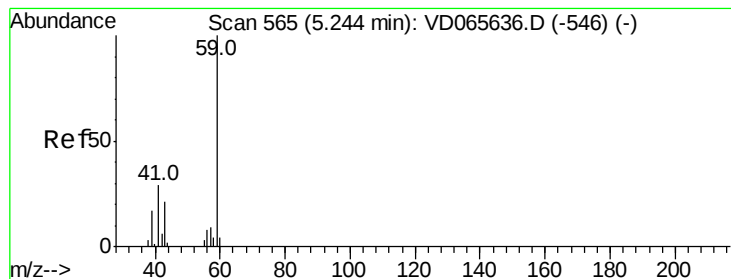
Acq: 17 Apr 2020 23:07

Tgt Ion:	142	Resp:	108593
Ion Ratio	Lower	Upper	
142	100		
127	43.7	38.1	57.1
141	14.8	12.1	18.1



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





#11

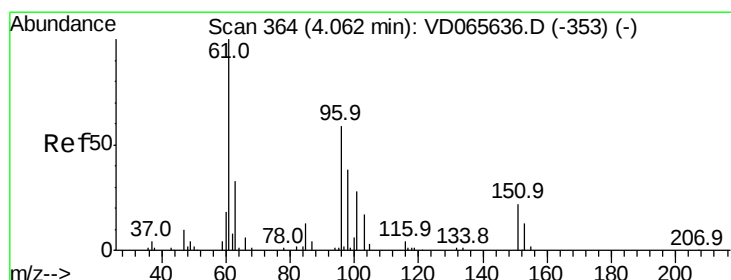
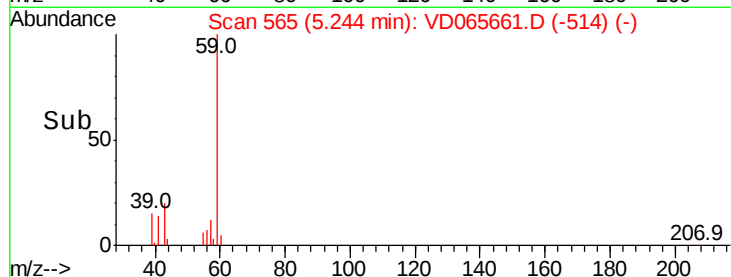
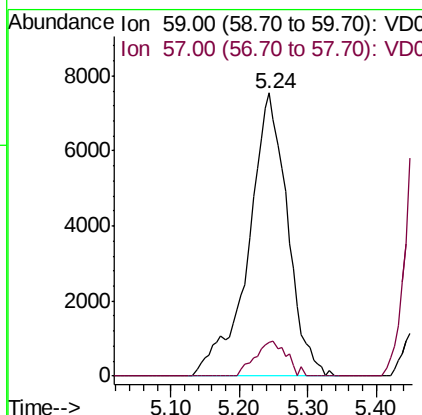
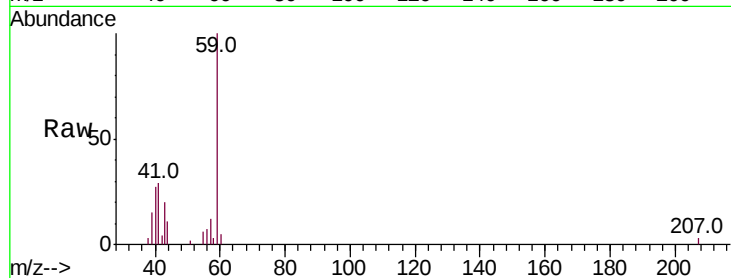
Tert butyl alcohol
Concen: 293.488 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.4	11.2

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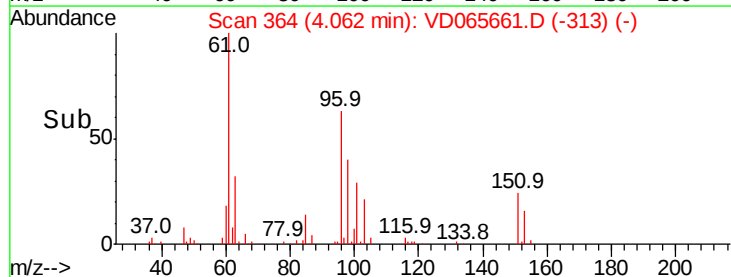
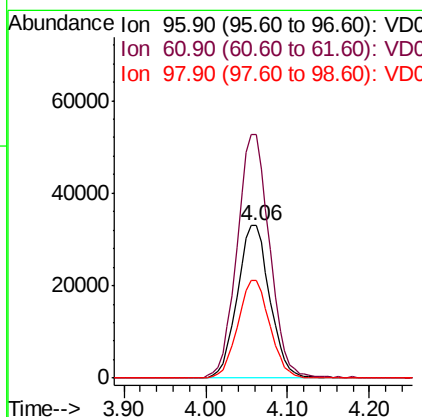
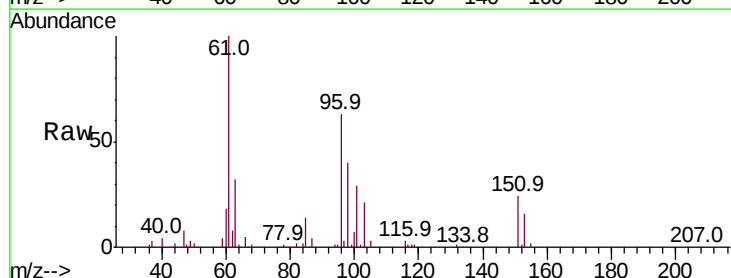
MMDadoda
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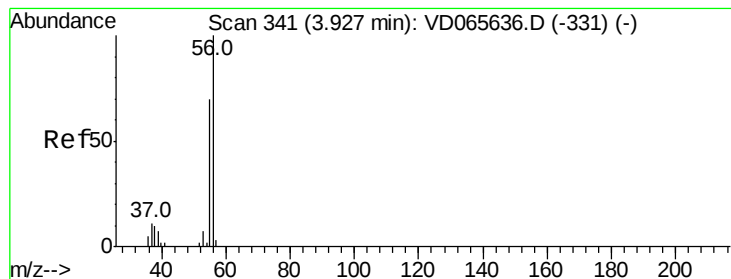


#12

1,1-Dichloroethene
Concen: 69.329 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	136.2	204.2
98	63.7	52.2	78.2





#13

Acrolein

Concen: 433.526 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37260

Ion Ratio Lower Upper

56 100

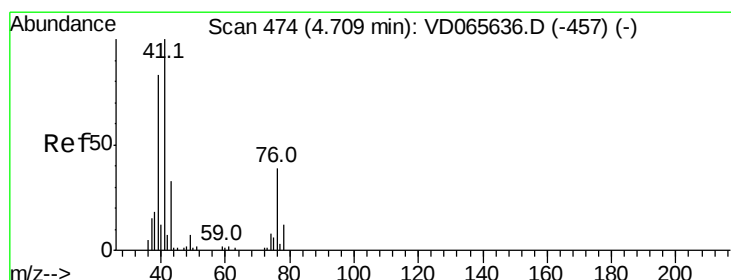
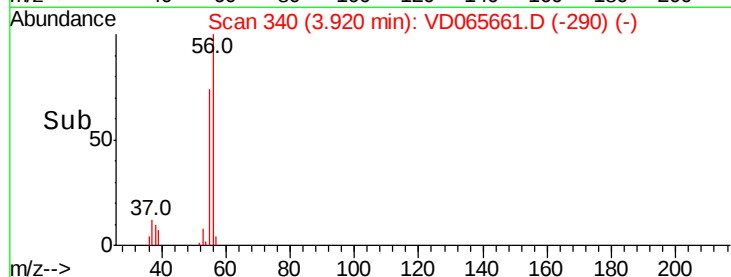
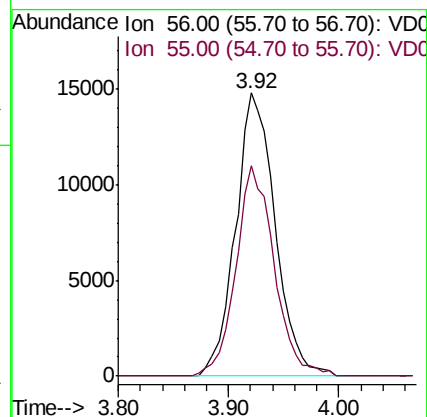
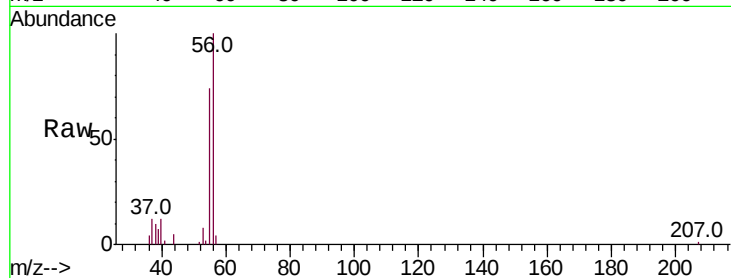
55 71.7 58.2 87.2

Manual Integrations

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#14

Allyl chloride

Concen: 59.333 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

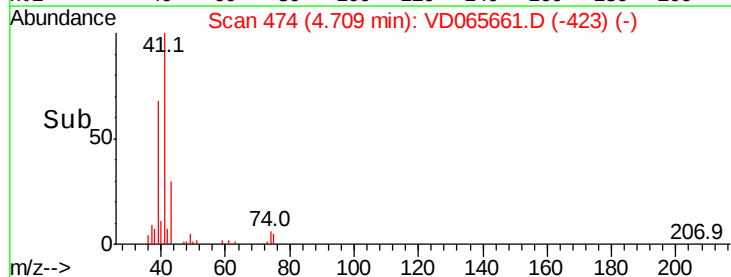
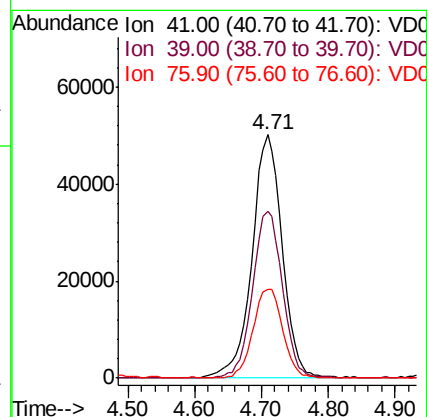
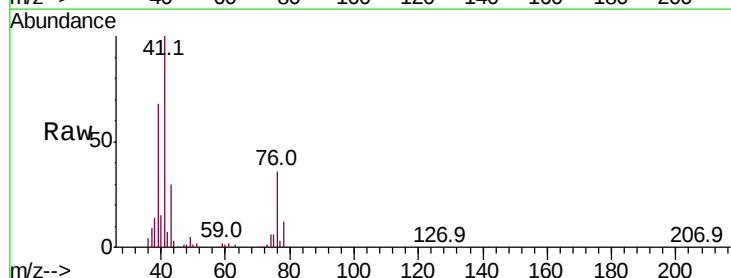
Tgt Ion: 41 Resp: 155744

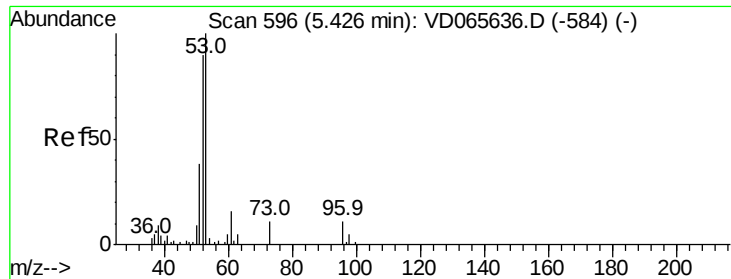
Ion Ratio Lower Upper

41 100

39 67.7 62.5 93.7

76 36.0 29.1 43.7





#15

Acrylonitrile

Concen: 294.870 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

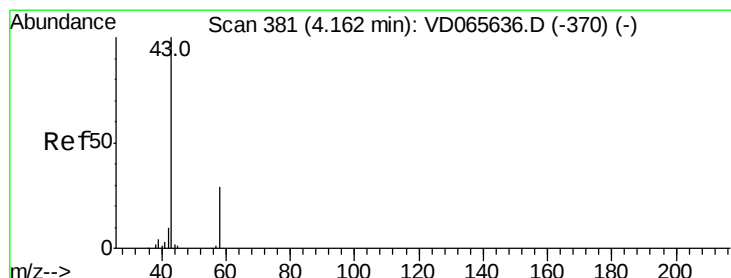
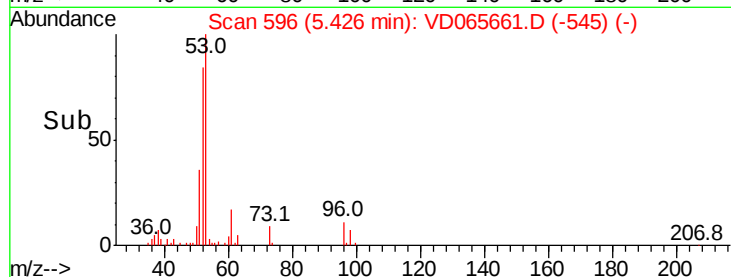
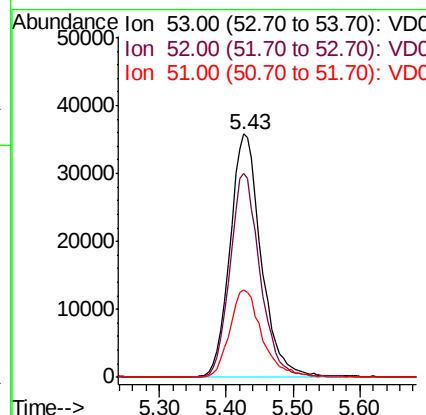
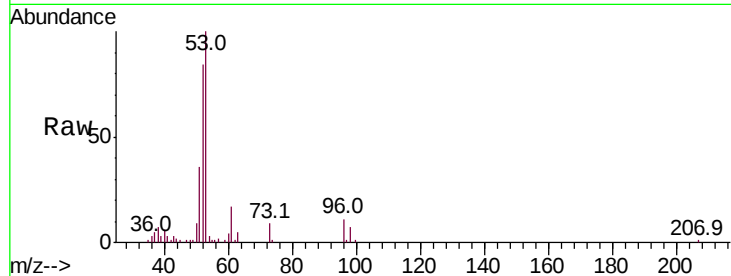
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	117195
Ion Ratio	Lower	Upper	
53	100		
52	80.6	65.8	98.6
51	37.2	30.9	46.3

Manual Integrations
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#16

Acetone

Concen: 300.010 ug/l

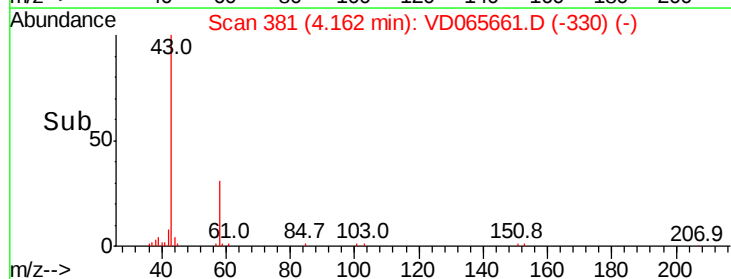
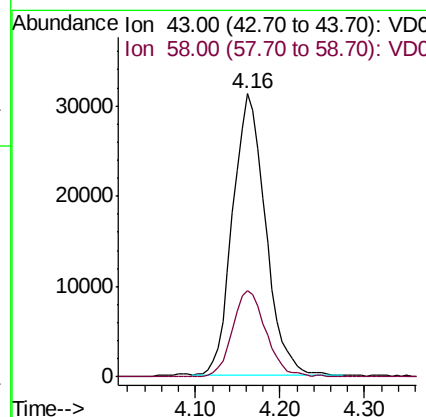
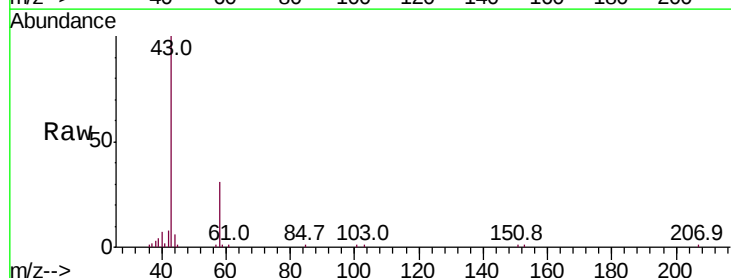
RT: 4.16 min Scan# 381

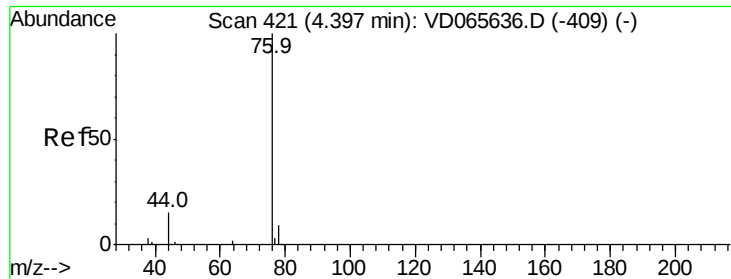
Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion:	43	Resp:	83323
Ion Ratio	Lower	Upper	
43	100		
58	30.9	22.9	34.3





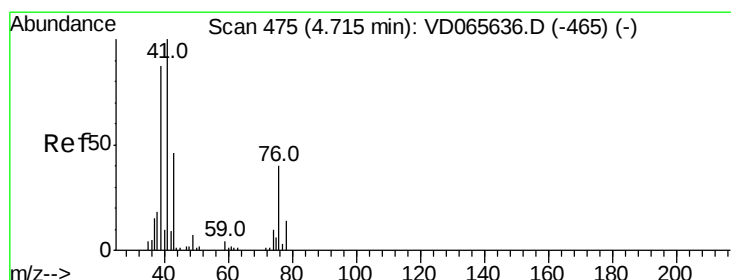
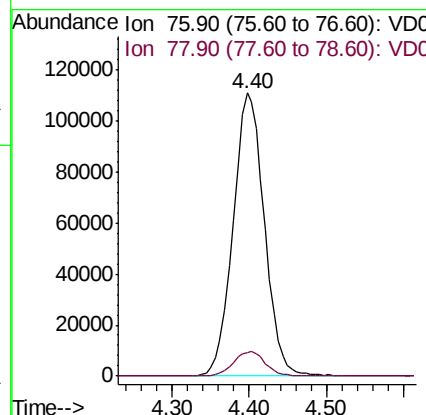
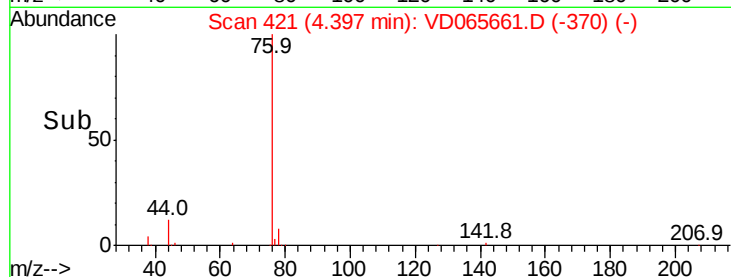
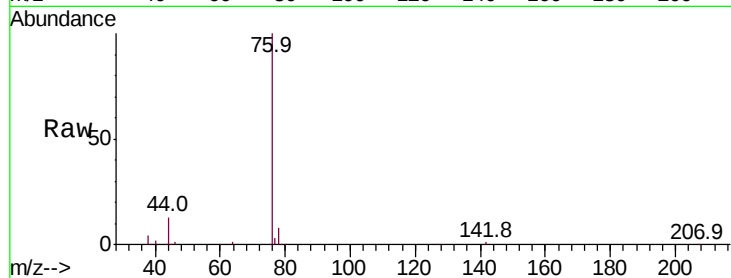
#17
Carbon Disulfide
Concen: 53.634 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

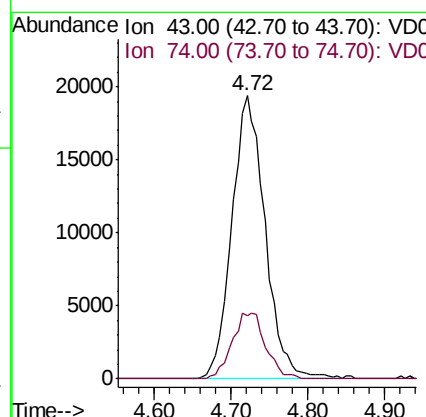
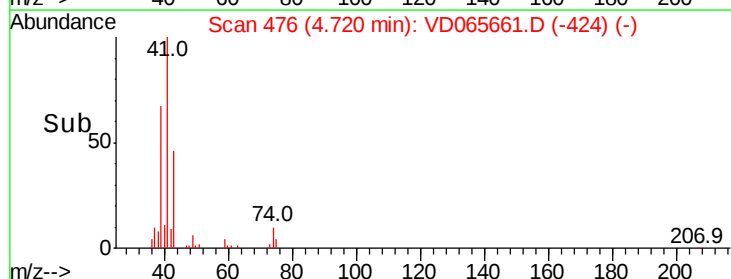
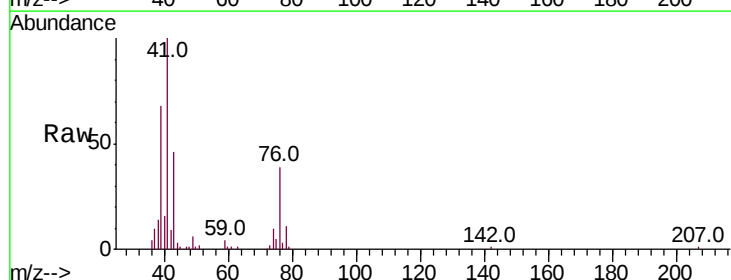
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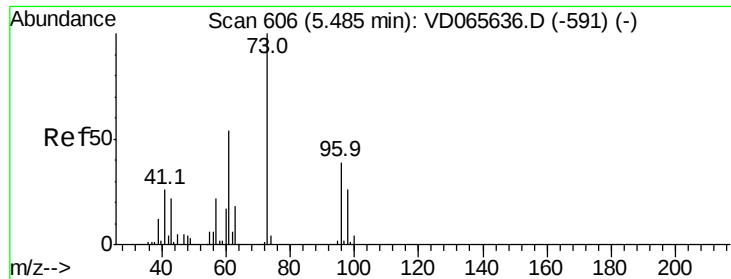
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#18
Methyl Acetate
Concen: 57.017 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	28.0





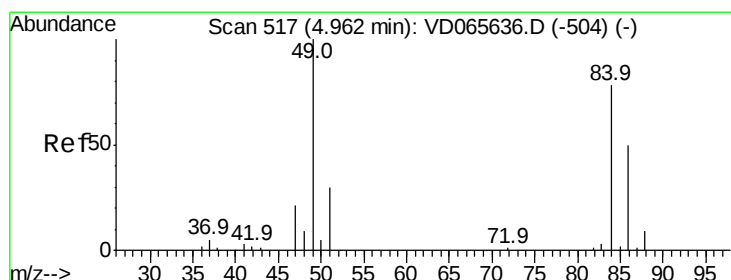
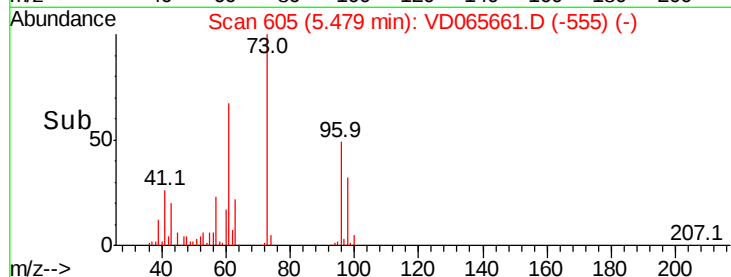
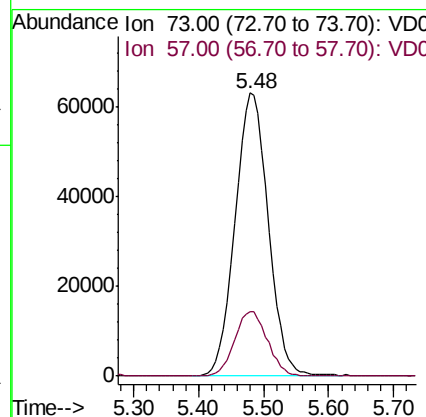
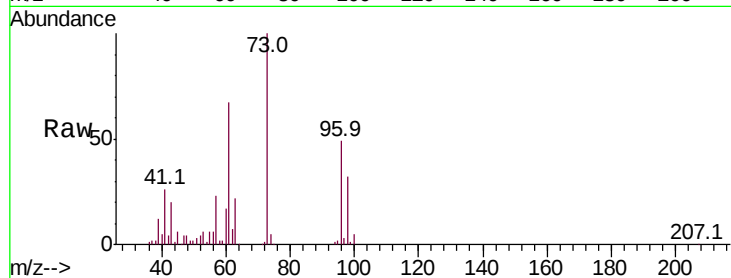
#19
Methvl tert-butvl Ether
Concen: 59.735 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 222724
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8

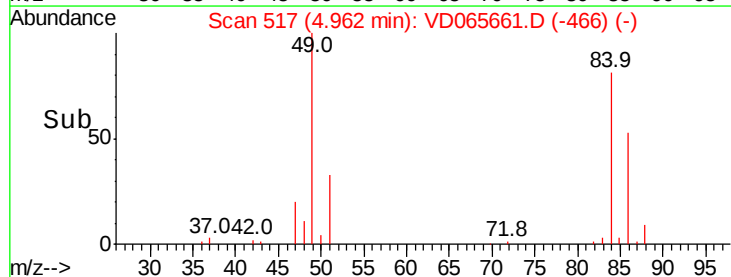
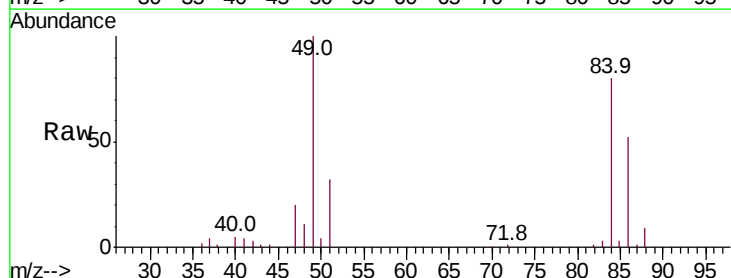
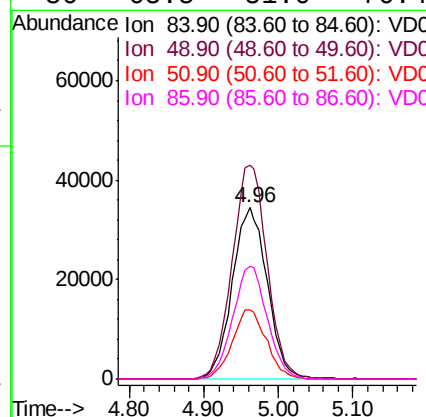
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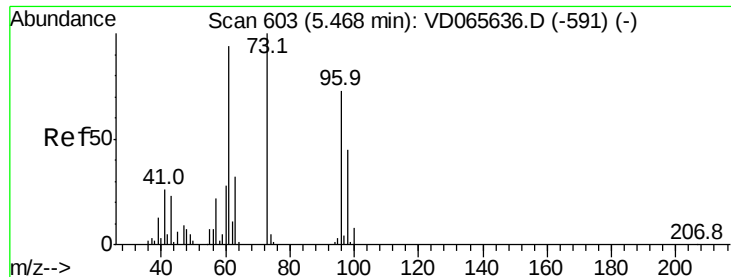
MMDadoda
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#20
Methylene Chloride
Concen: 61.591 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion: 84 Resp: 112143
Ion Ratio Lower Upper
84 100
49 124.8 102.0 153.0
51 40.5 30.8 46.2
86 65.5 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 52.270 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 111209

Ion Ratio Lower Upper

96 100

61 137.3 102.6 153.8

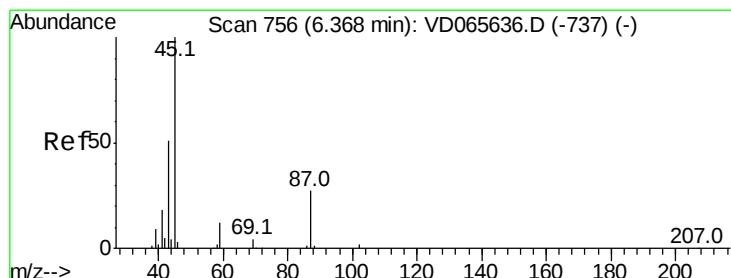
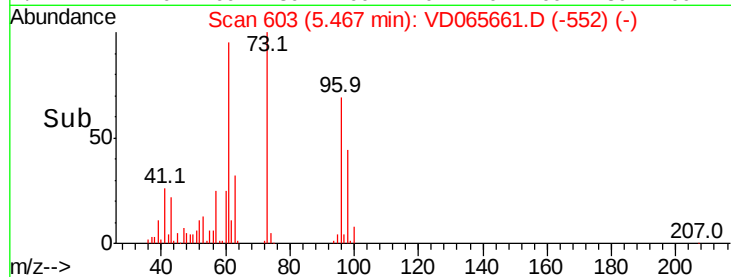
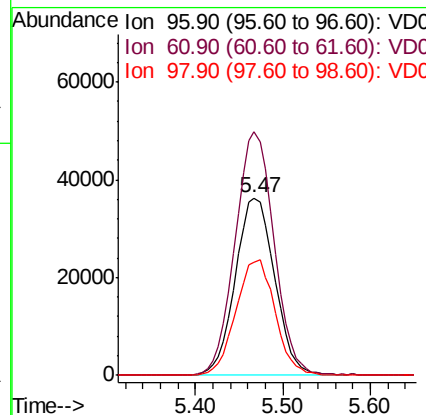
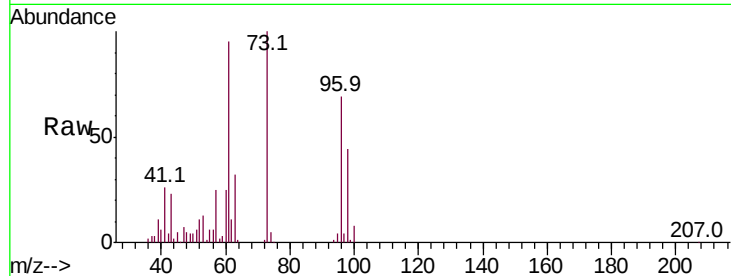
98 63.6 49.4 74.0

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#22

Diisopropyl ether

Concen: 55.833 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion: 45 Resp: 339291

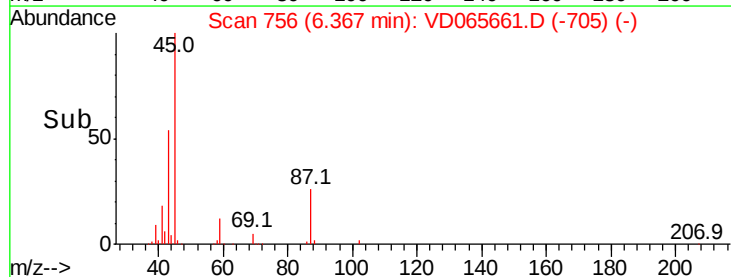
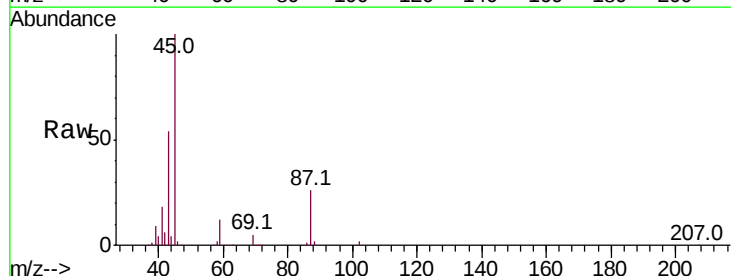
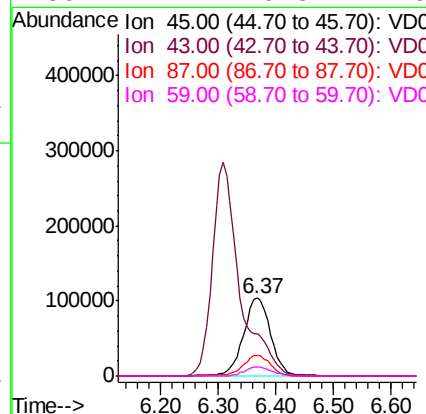
Ion Ratio Lower Upper

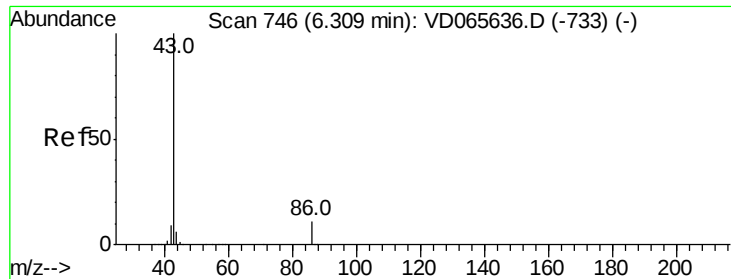
45 100

43 53.3 42.2 63.2

87 26.0 22.1 33.1

59 11.7 9.8 14.6





#23

Vinyl Acetate

Concen: 263.940 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 943336

Ion Ratio Lower Upper

43 100

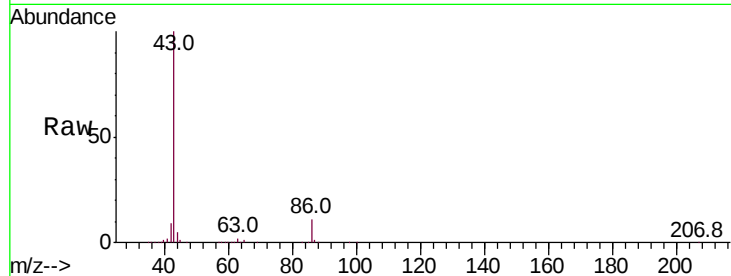
86 10.6 8.7 13.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

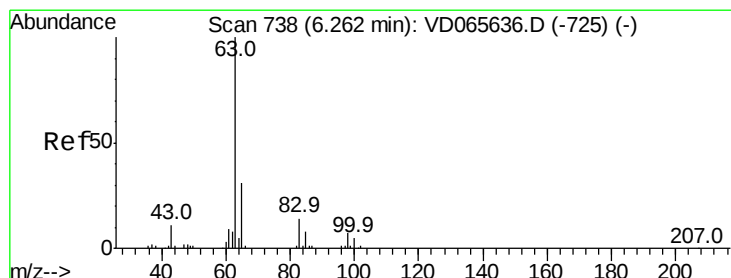
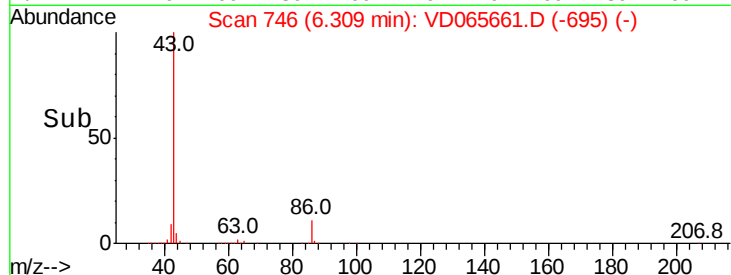
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.296 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

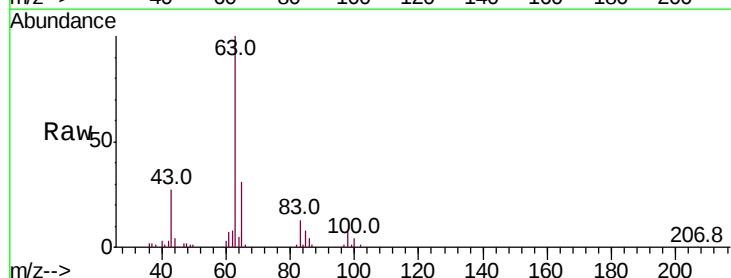
Tgt Ion: 63 Resp: 193104

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.4 7.2



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

6.27

80000

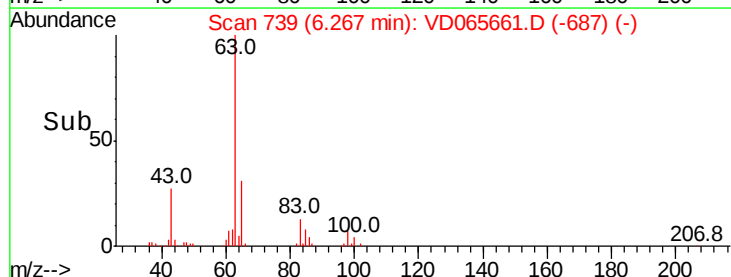
60000

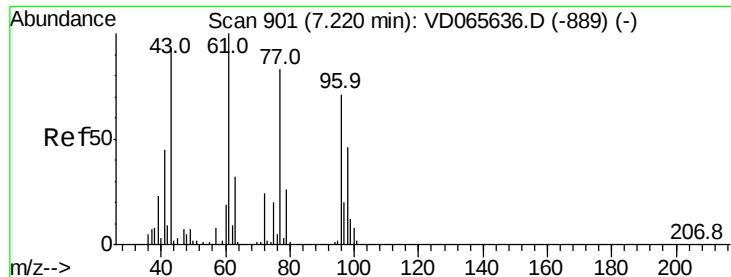
40000

20000

0

Time-->





#25

2-Butanone

Concen: 264.027 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 136822

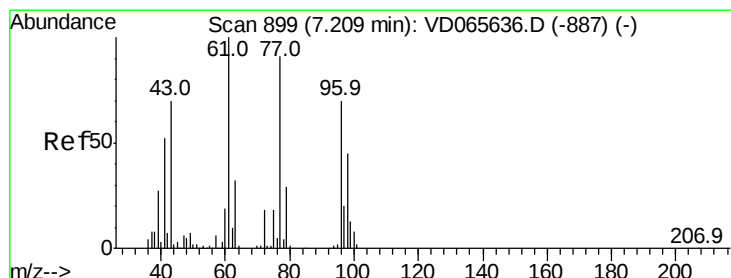
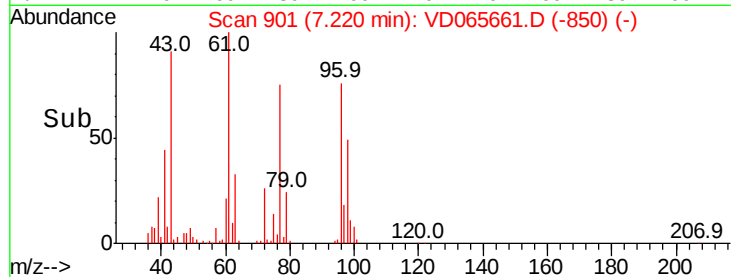
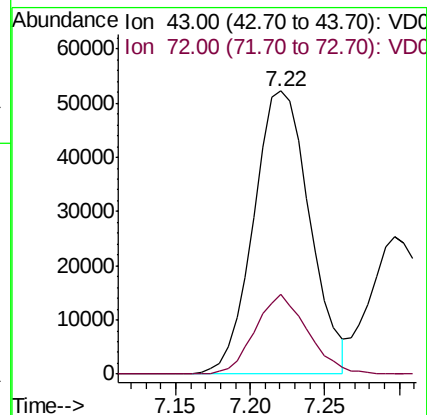
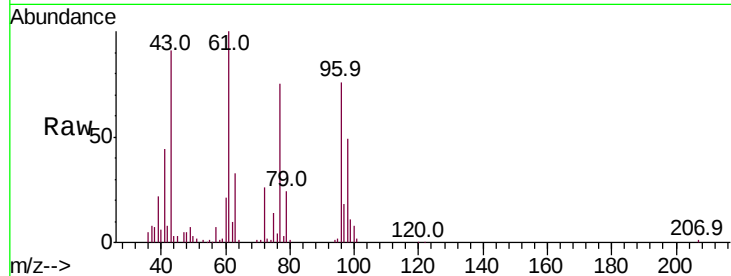
Ion Ratio Lower Upper

43 100

72 28.2 20.5 30.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 43.177 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065661.D

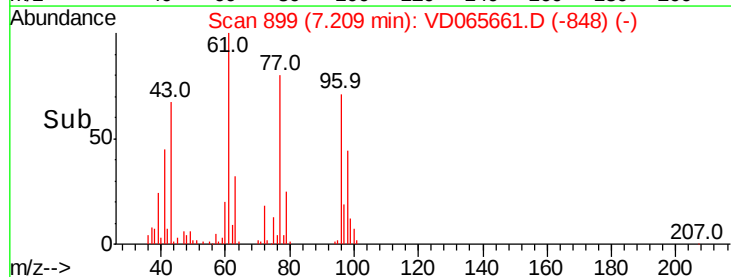
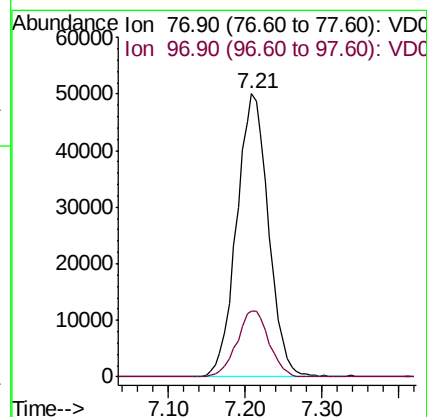
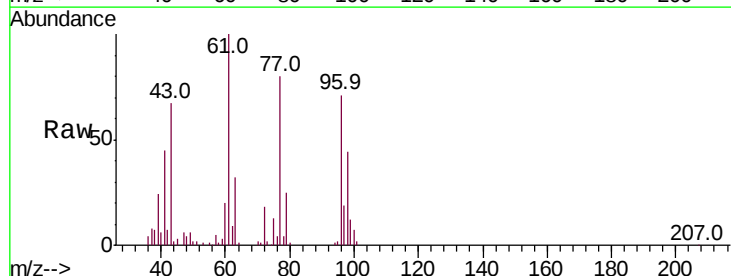
Acq: 17 Apr 2020 23:07

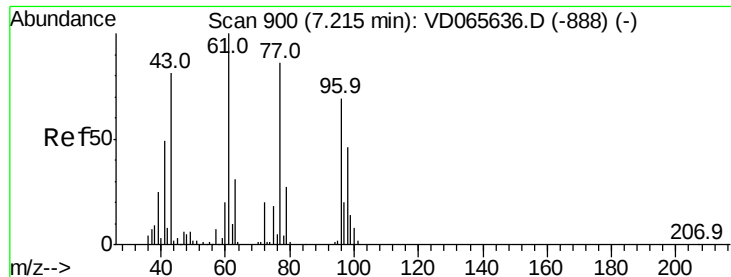
Tgt Ion: 77 Resp: 144486

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.5





#27

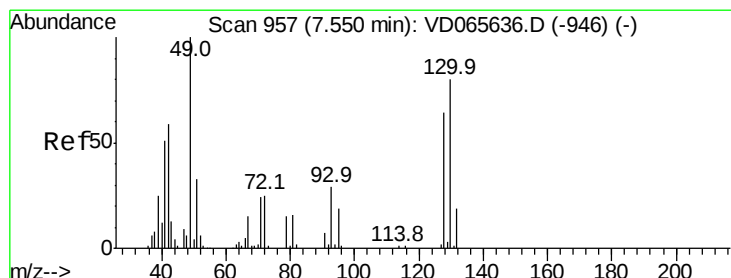
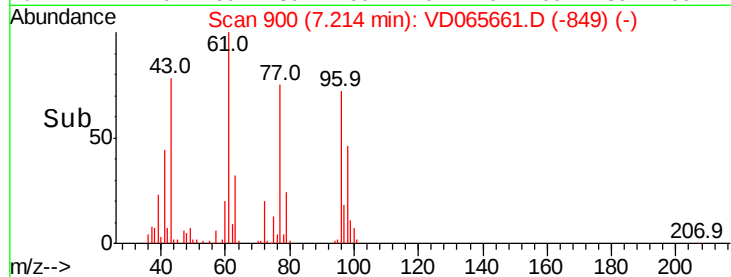
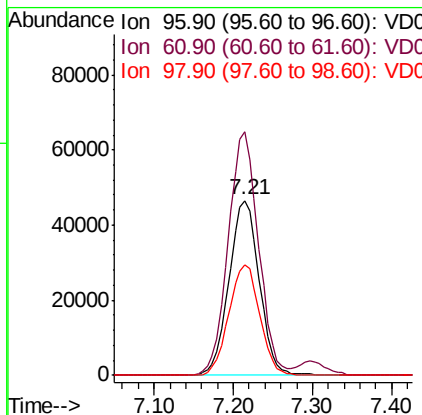
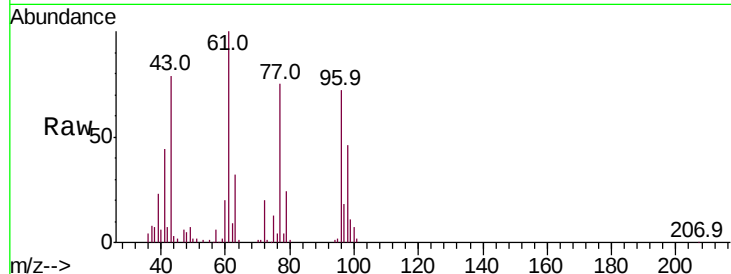
cis-1,2-Dichloroethene
Concen: 52.115 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.4	0.0	286.2	
98	64.3	0.0	128.0	

Manual Integrations
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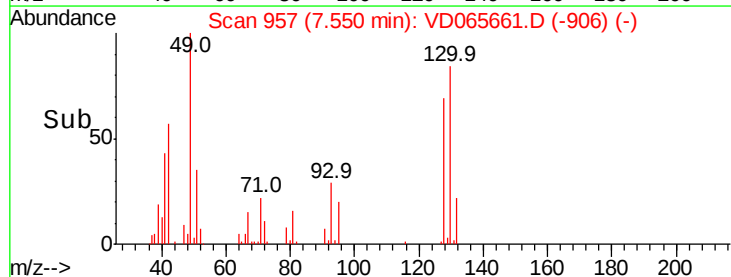
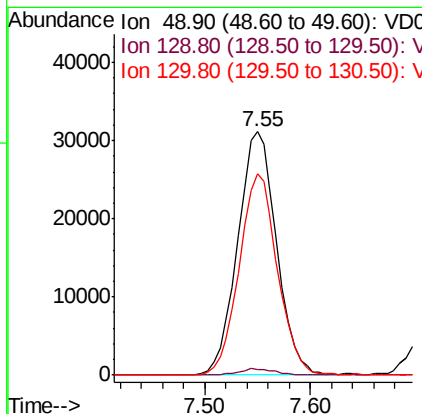
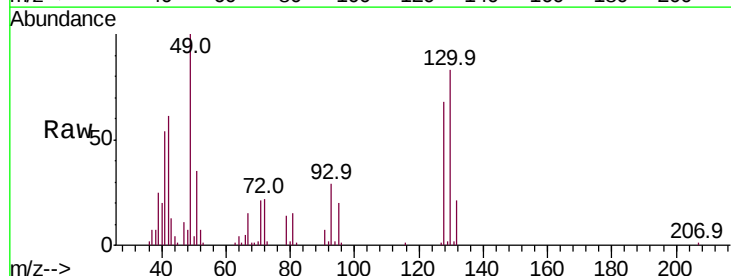
MMDadoda
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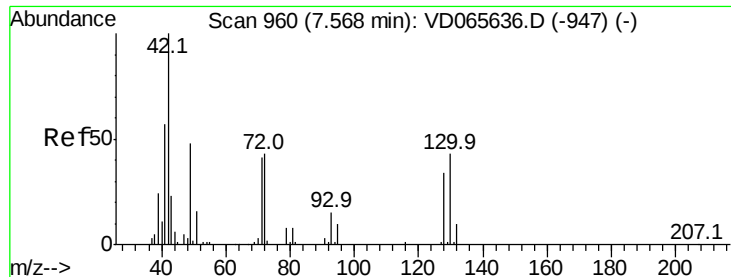


#28

Bromochloromethane
Concen: 51.713 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	81.5	66.2	99.2	





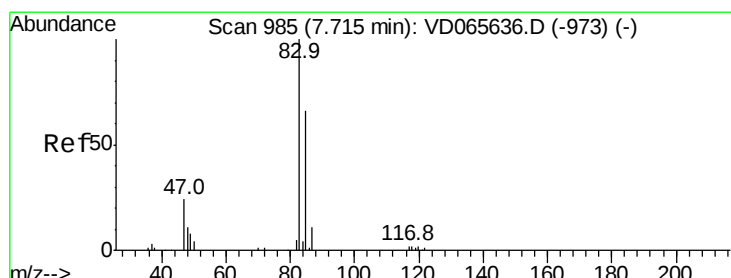
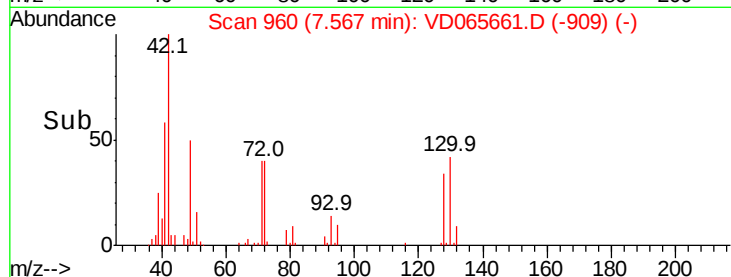
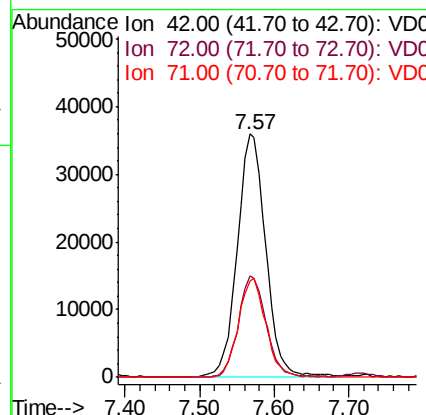
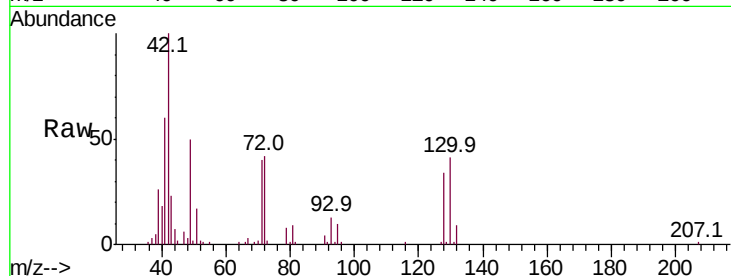
#29
Tetrahydrofuran
Concen: 290.582 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	34.4	51.6
71	39.1	31.4	47.0

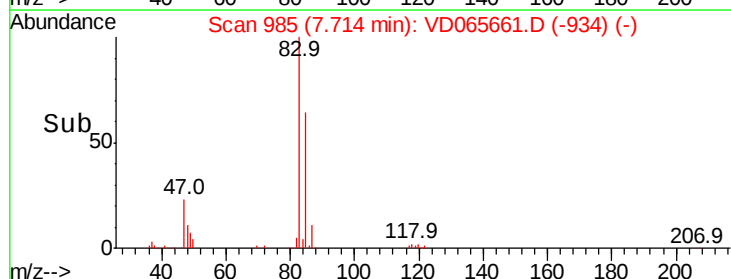
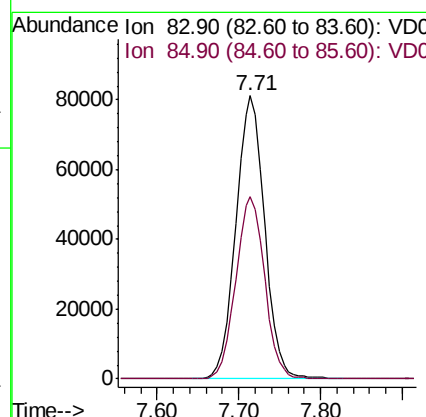
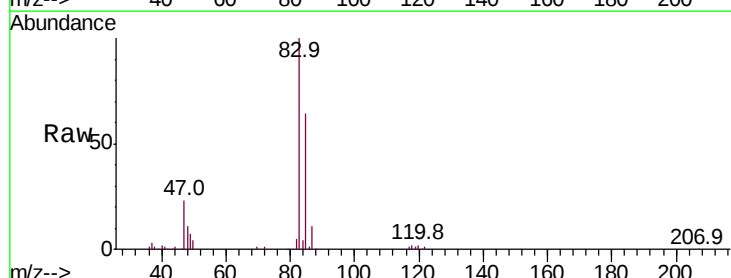
Manual Integrations
APPROVED

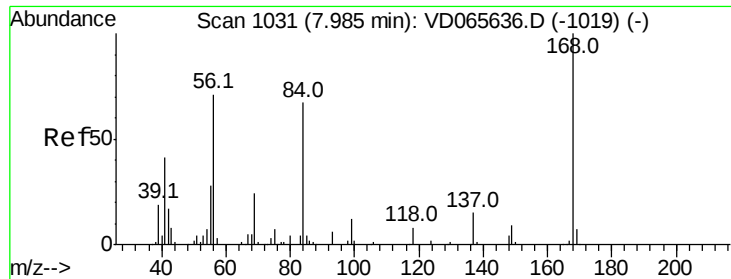
MMDadoda
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#30
Chloroform
Concen: 50.455 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	78.8





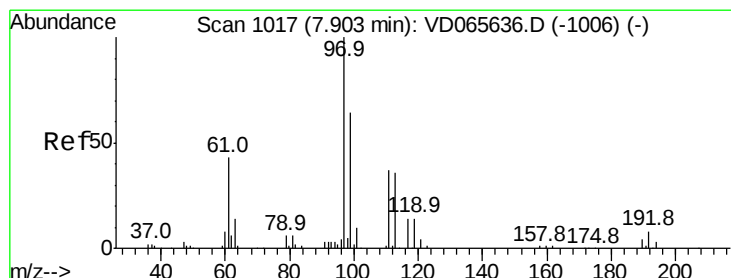
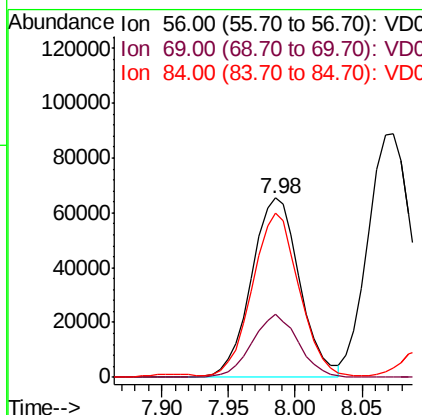
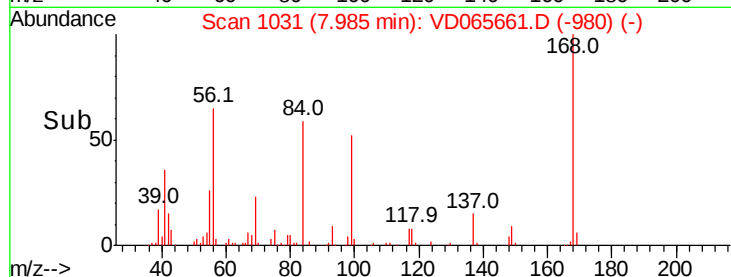
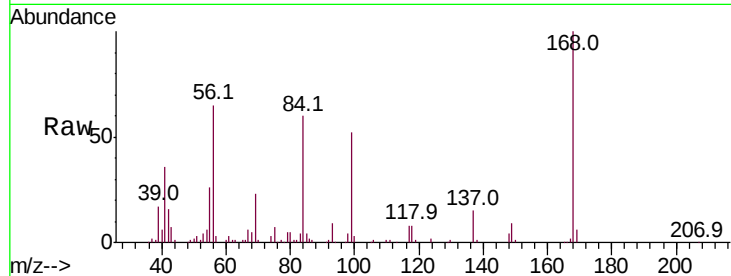
#31
Cyclohexane
Concen: 44.882 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	26.6	40.0
84	90.6	75.3	112.9

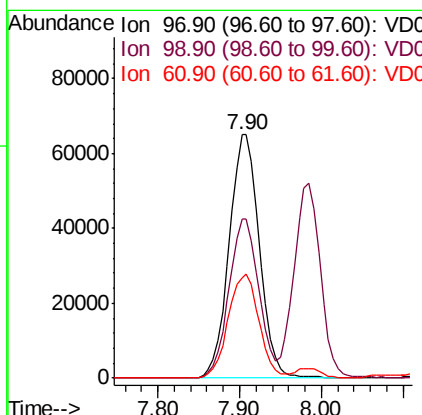
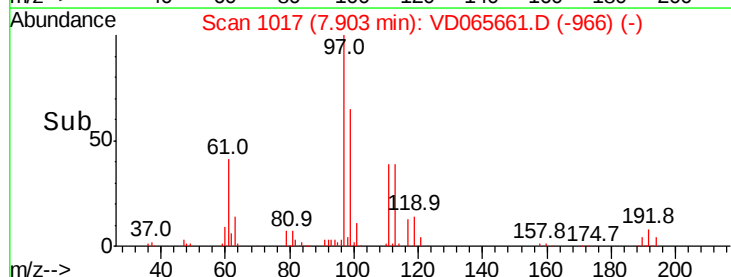
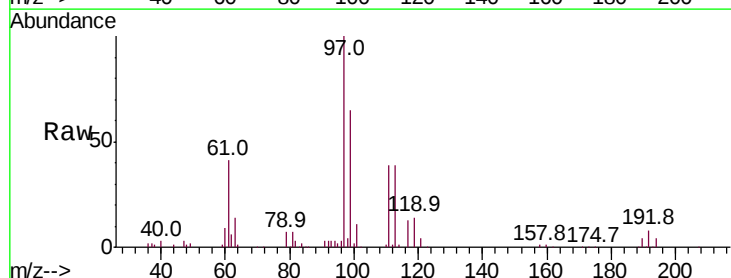
Manual Integrations
APPROVED

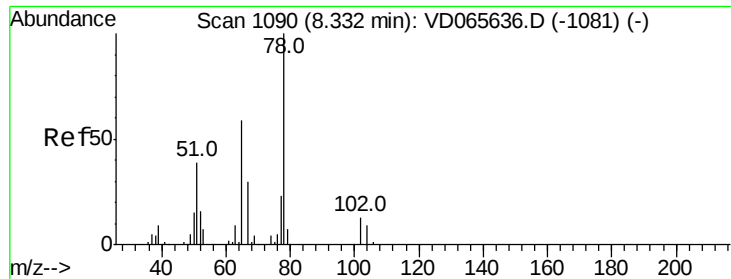
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#32
1,1,1-Trichloroethane
Concen: 47.342 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	43.3	34.8	52.2





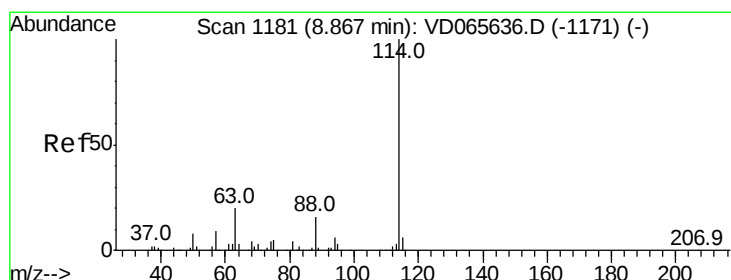
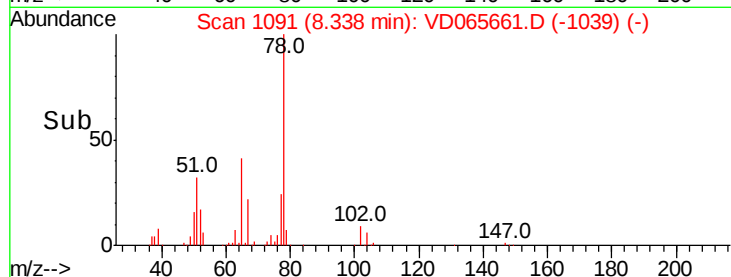
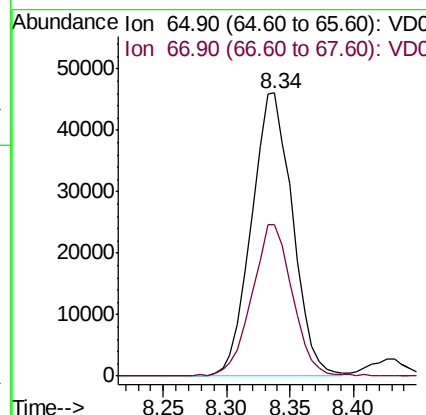
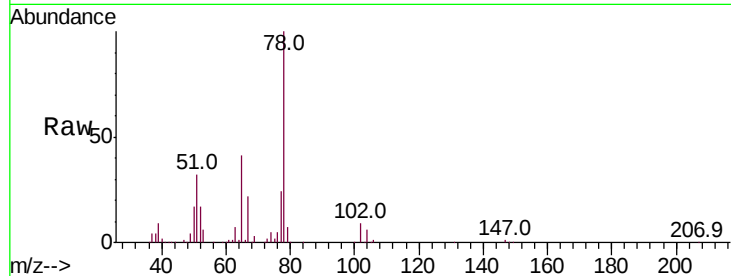
#33
 1,2-Dichloroethane-d4
 Concen: 53.675 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8

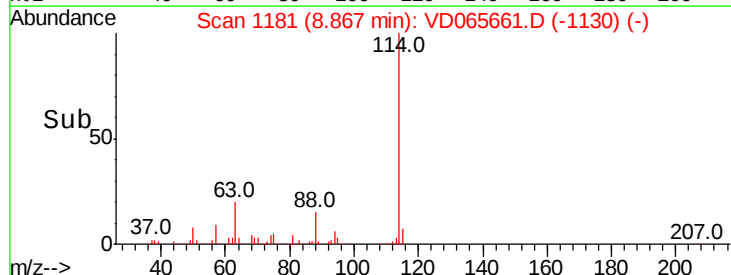
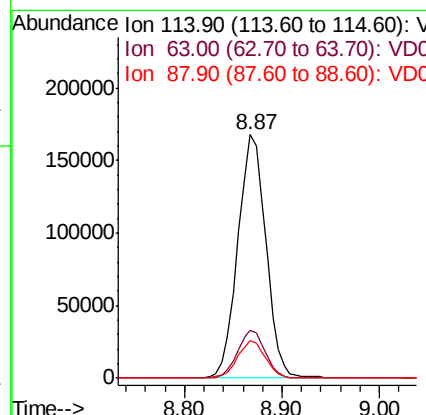
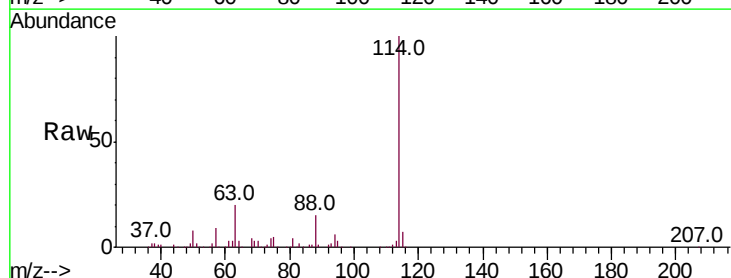
Manual Integrations
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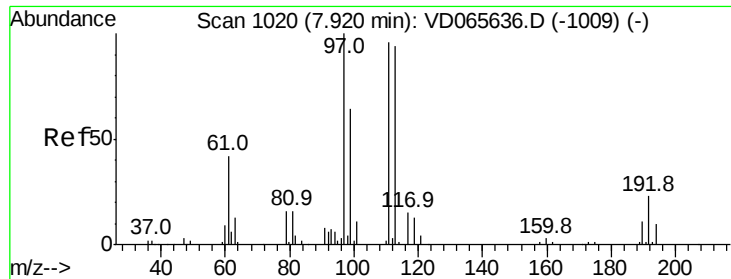
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.3	0.0	31.6





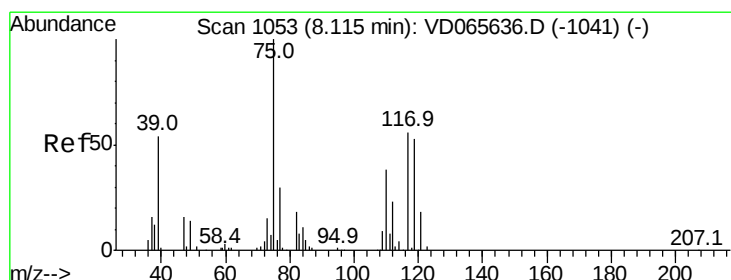
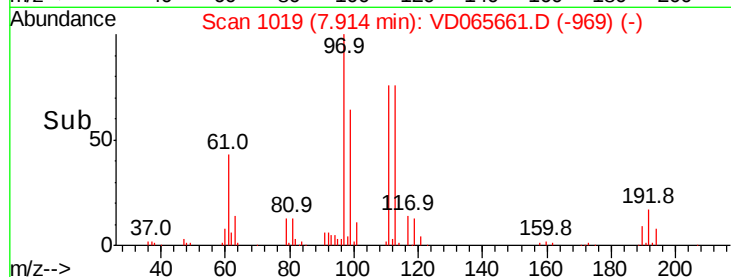
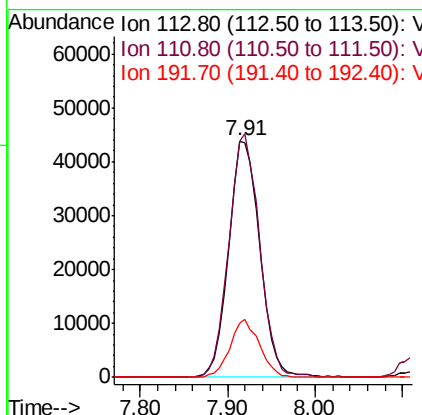
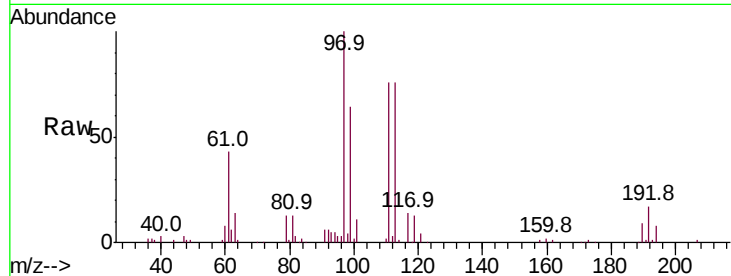
#35
Dibromofluoromethane
Concen: 50.475 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105905		
111	102.1		81.9	122.9
192	23.0		18.9	28.3

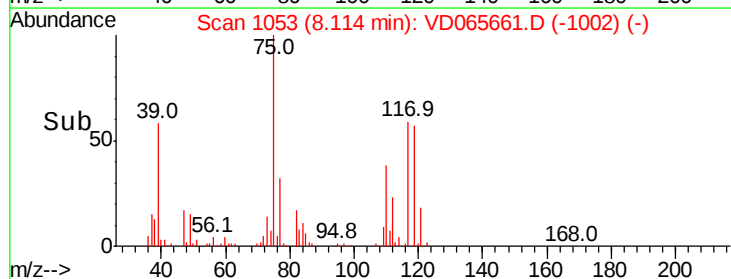
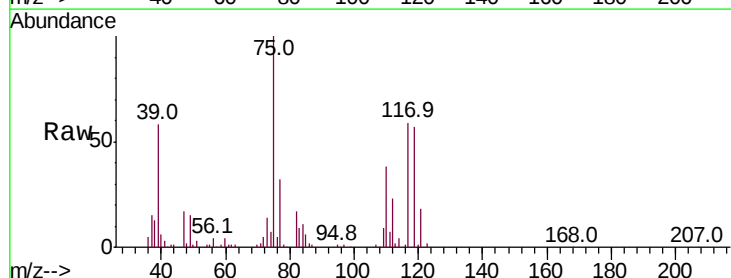
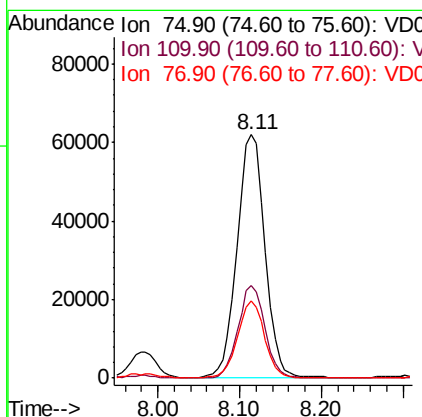
Manual Integrations
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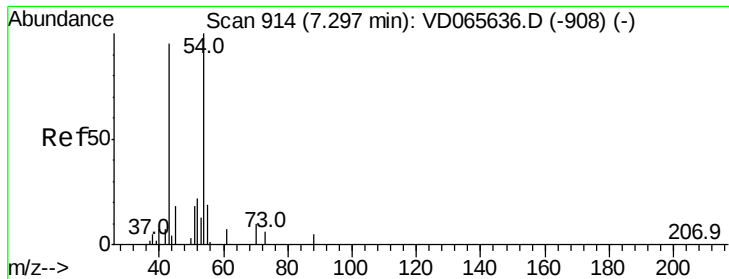
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#36
1,1-Dichloropropene
Concen: 45.459 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	147979		
110	36.3		18.3	54.8
77	30.6		24.6	37.0





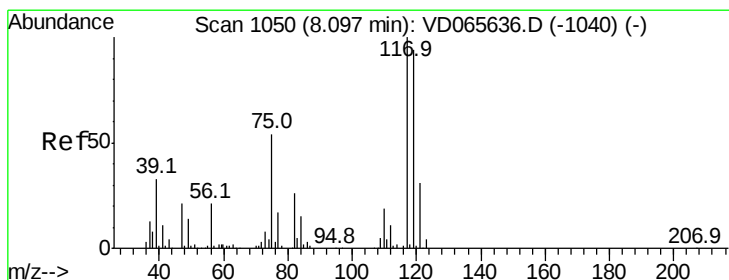
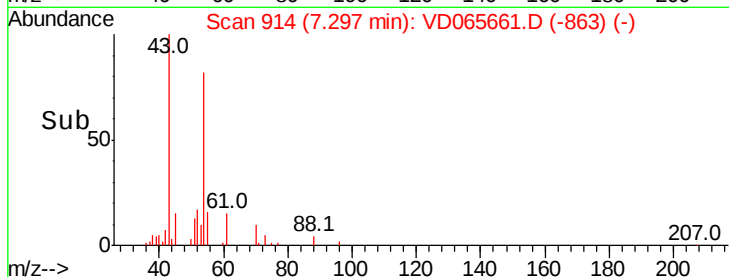
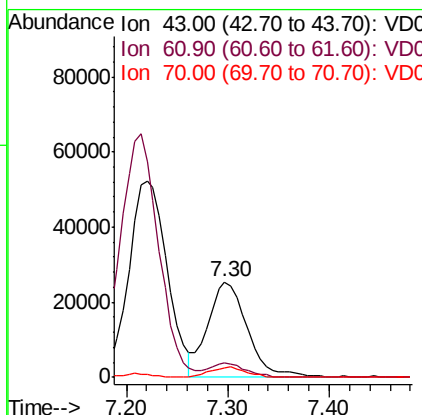
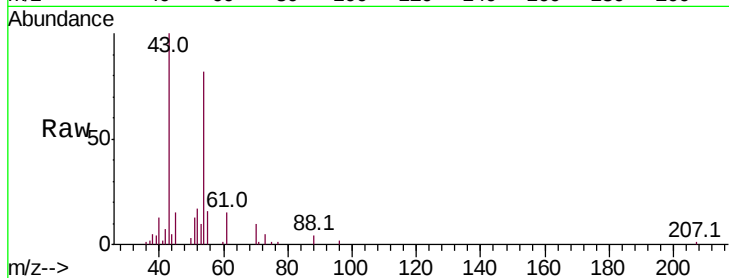
#37
Ethyl Acetate
Concen: 52.187 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.2	7.9	11.9

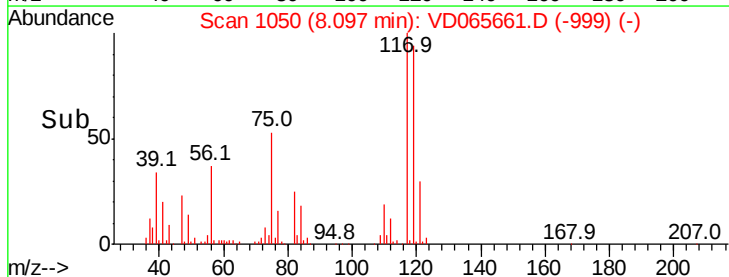
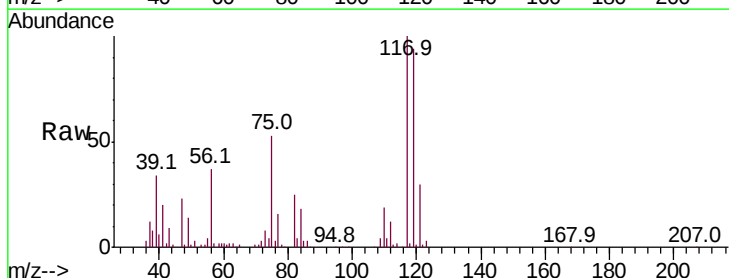
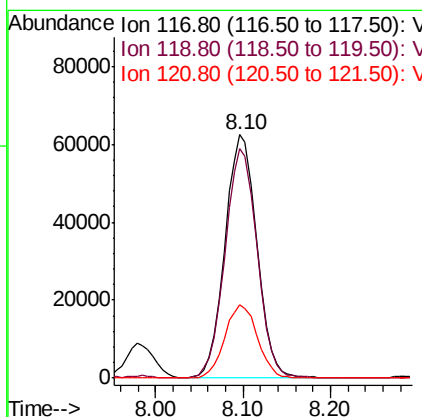
Manual Integrations
APPROVED

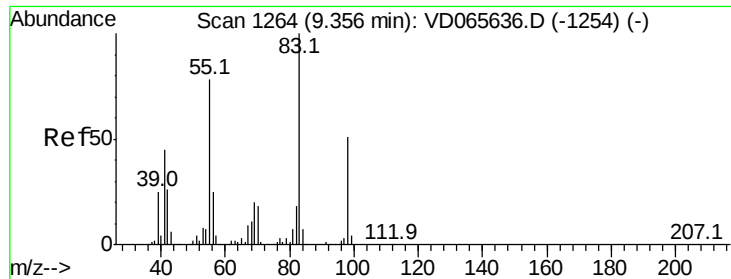
MMDadoda
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#38
Carbon Tetrachloride
Concen: 44.388 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.3	112.9
121	30.0	24.9	37.3





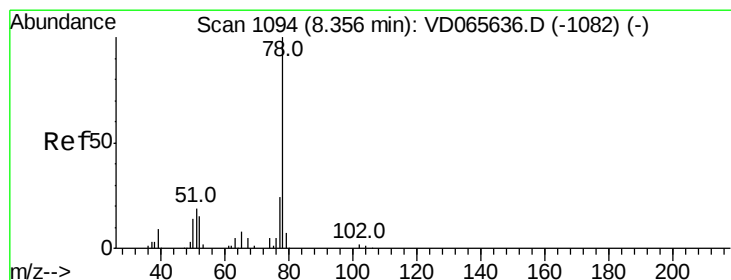
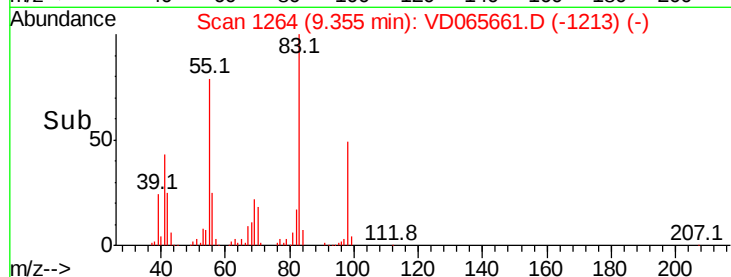
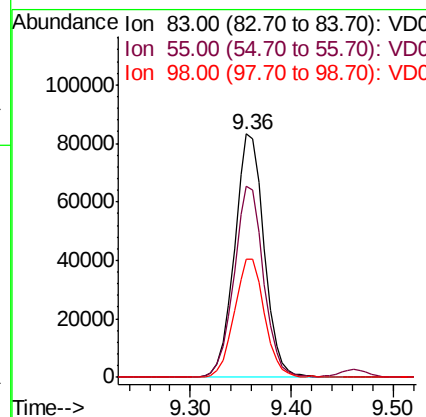
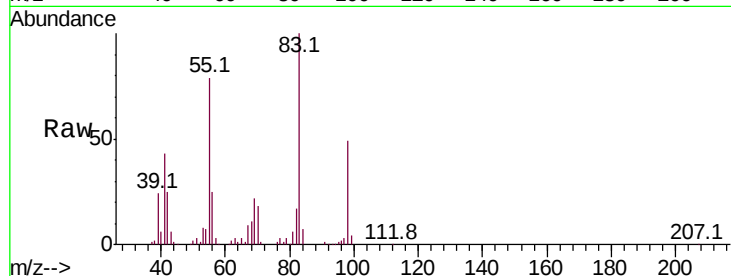
#39
Methylvlcyclohexane
Concen: 44.451 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.3	93.5
98	48.8	40.5	60.7

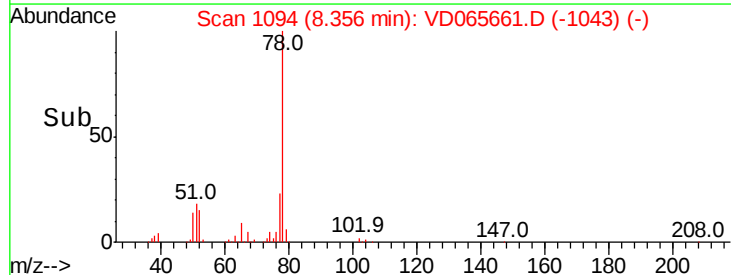
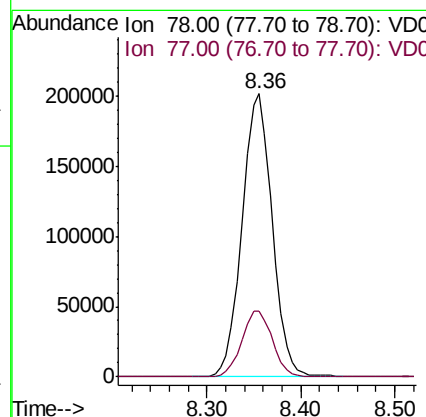
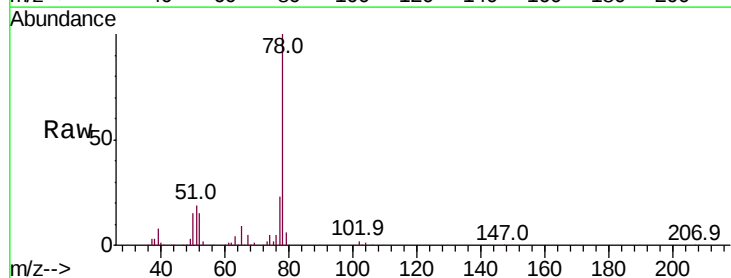
Manual Integrations
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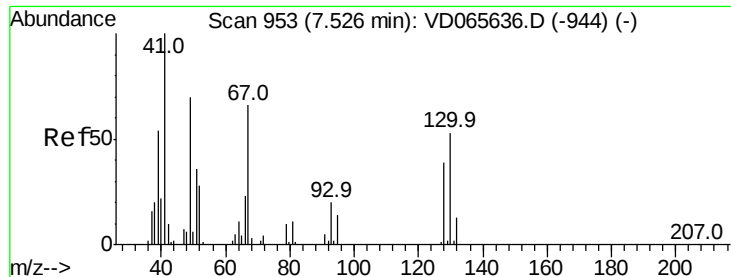
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#40
Benzene
Concen: 47.763 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





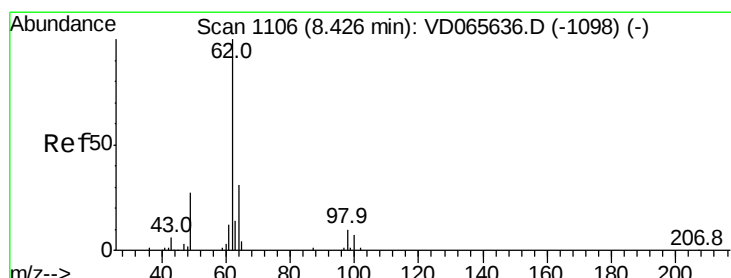
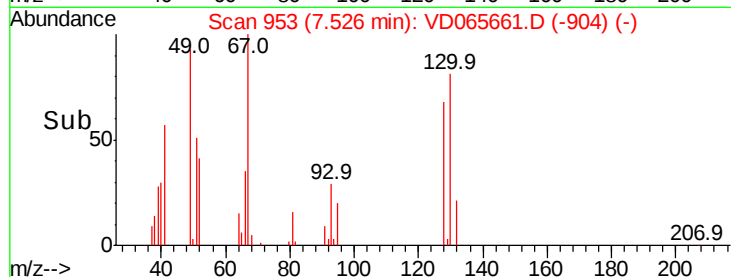
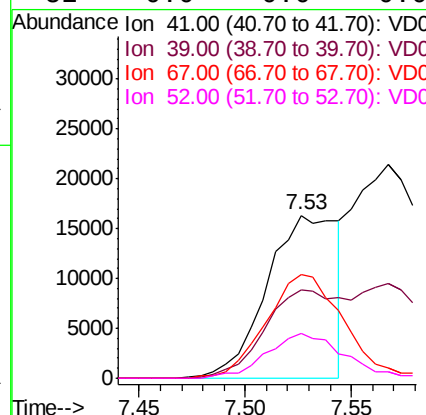
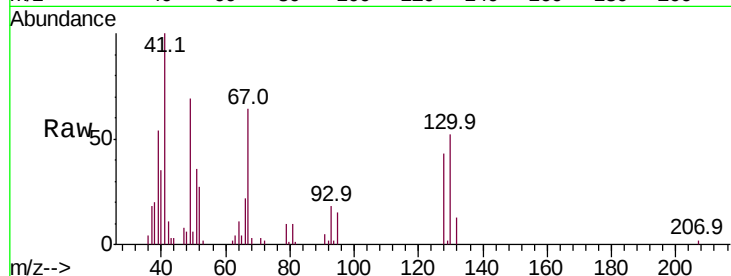
#41
Methacrylonitrile
Concen: 59.024 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

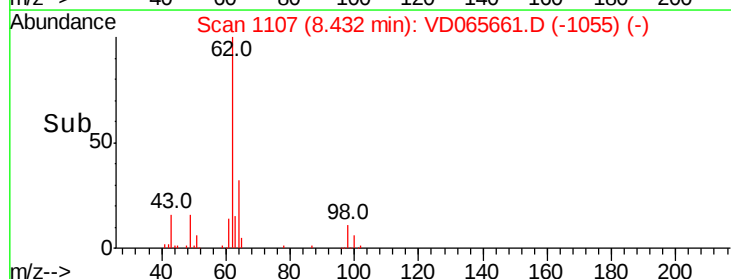
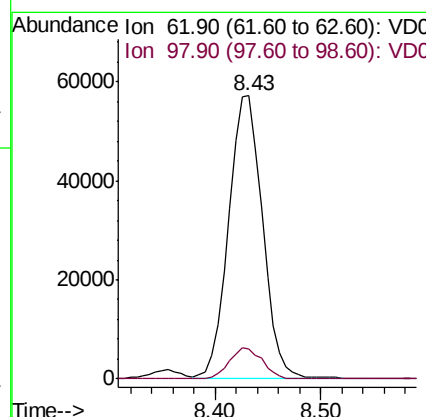
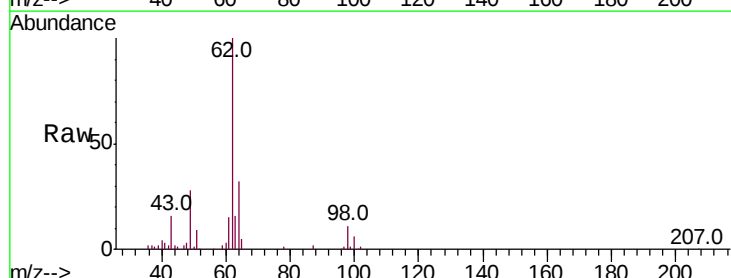
Manual Integrations
APPROVED

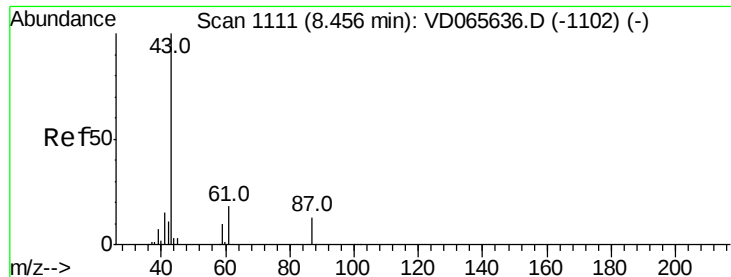
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#42
1,2-Dichloroethane
Concen: 49.610 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 52.683 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

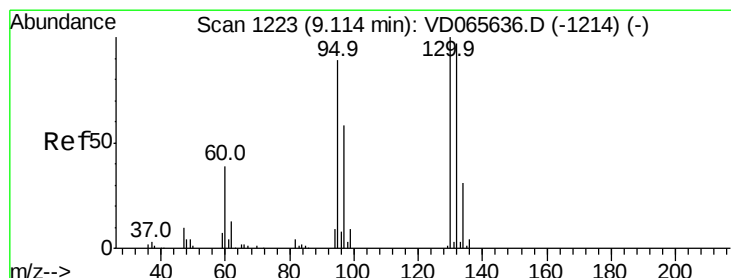
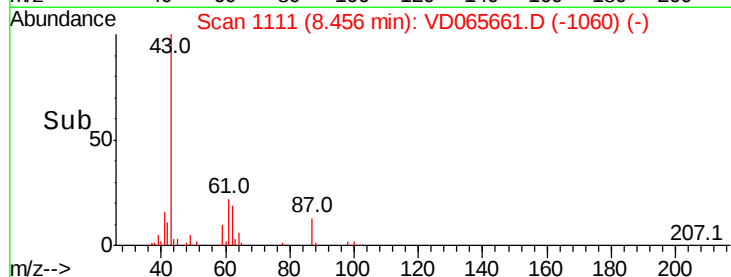
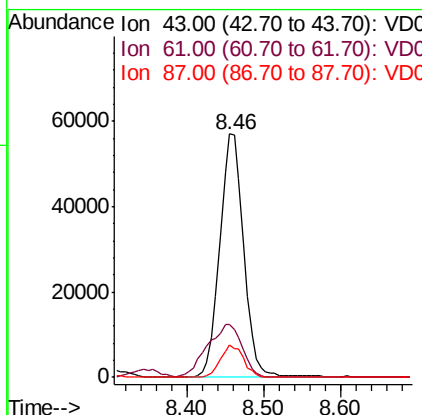
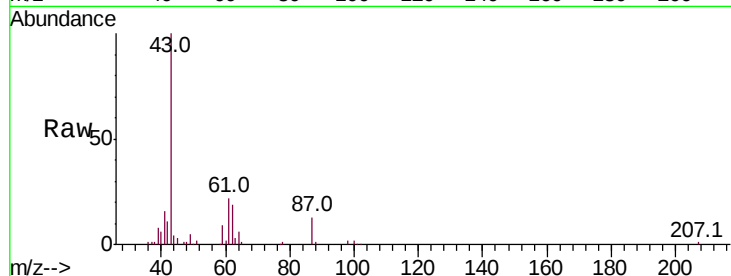
ClientSampleId :

VSTDCCC050EC

Tot Ion	43	Resp	123156
Ion	Ratio	Lower	Upper
43	100		
61	31.5	25.0	37.6
87	12.8	9.9	14.9

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#44

Trichloroethene

Concen: 45.951 ug/l

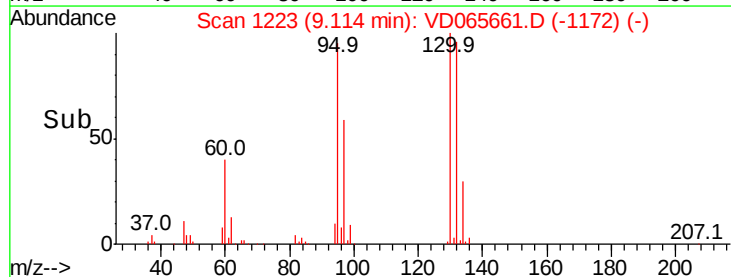
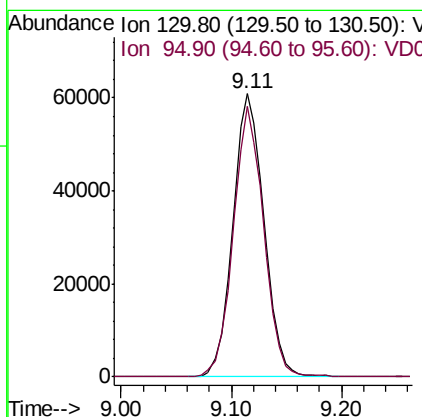
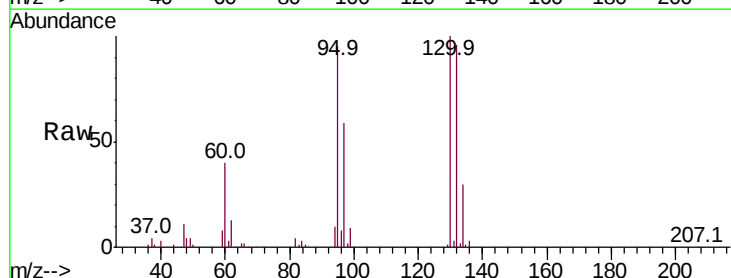
RT: 9.11 min Scan# 1223

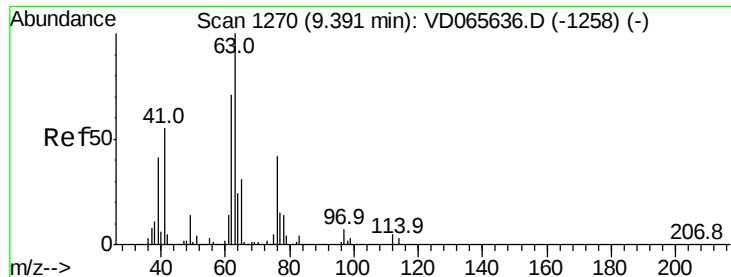
Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion	130	Resp	120387
Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	178.4





#45

1,2-Dichloropropane

Concen: 49.323 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 113293

Ion Ratio Lower Upper

63 100

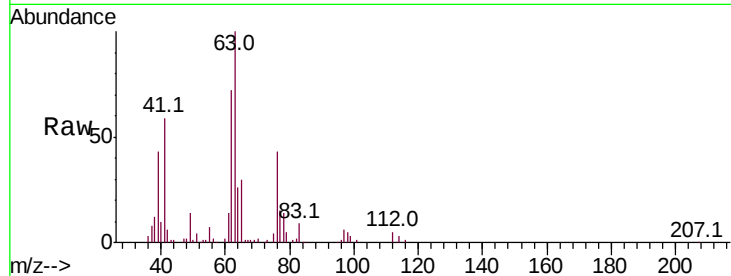
65 30.1 24.7 37.1

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

60000

50000

40000

30000

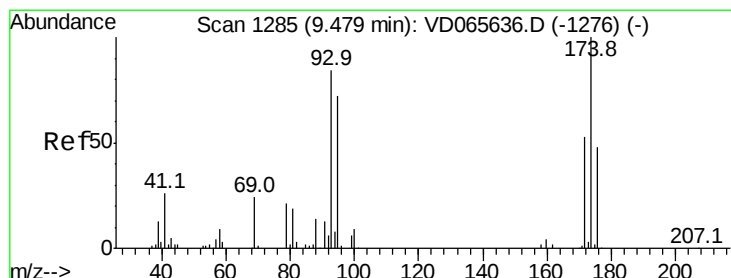
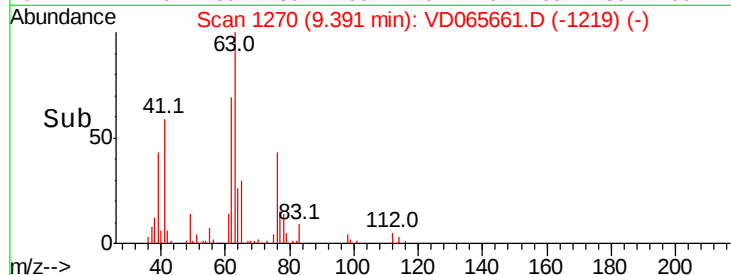
20000

10000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 49.853 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

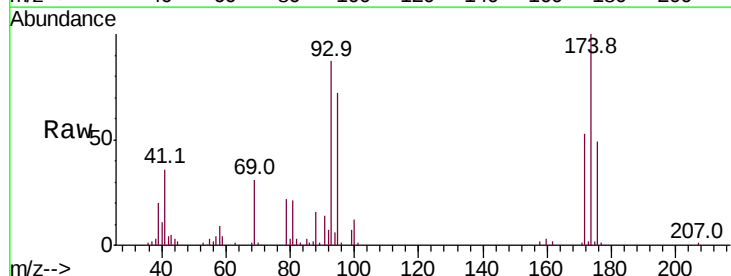
Tgt Ion: 93 Resp: 59217

Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.2

174 116.2 94.1 141.1



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

40000

30000

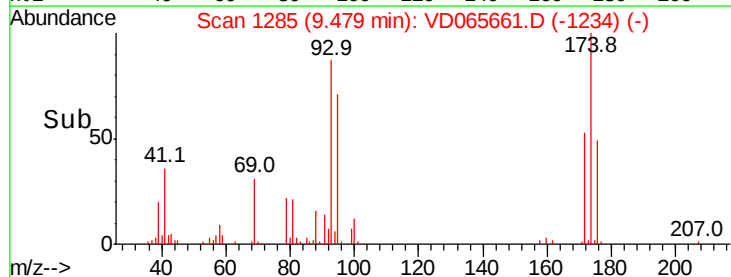
20000

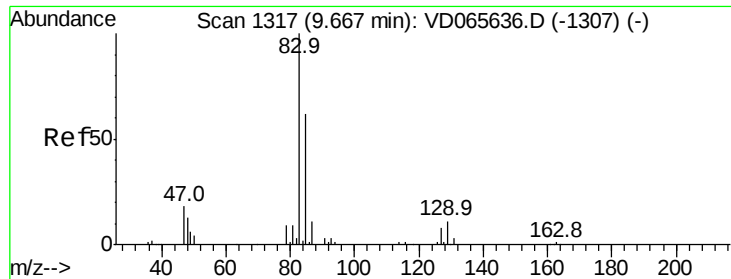
10000

0

Time-->

9.40 9.45 9.50 9.55 9.60





#47

Bromodichloromethane

Concen: 49.052 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

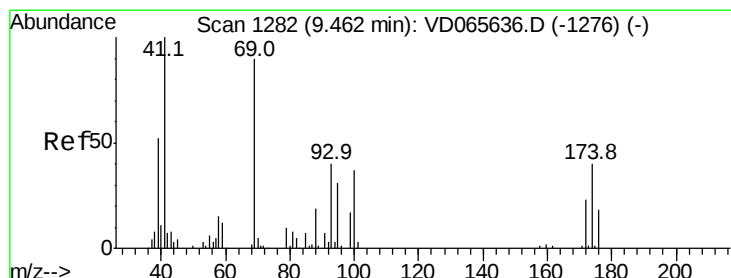
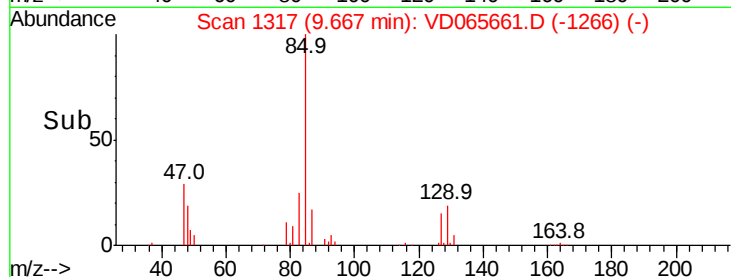
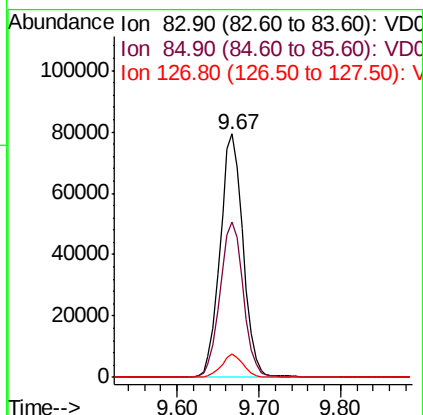
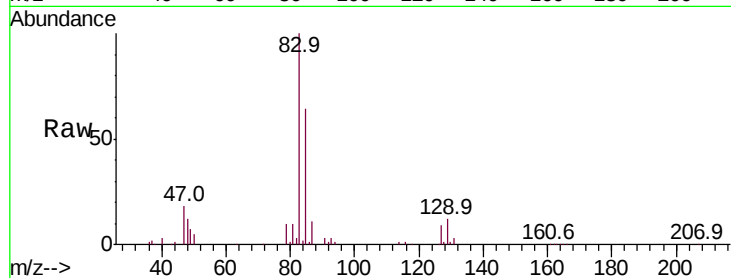
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	155154
Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.8	74.8
127	9.4	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.424 ug/l

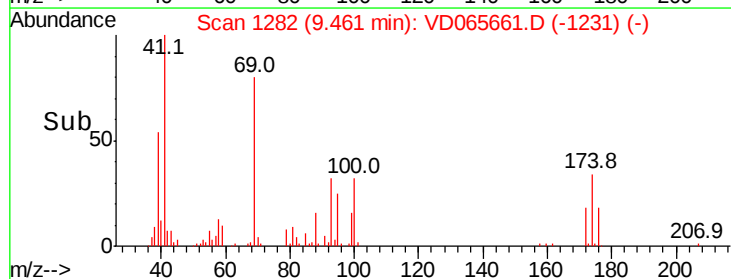
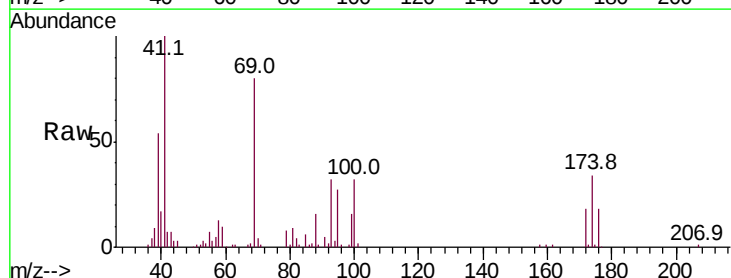
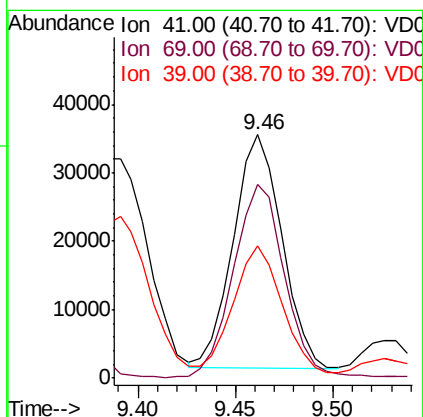
RT: 9.46 min Scan# 1282

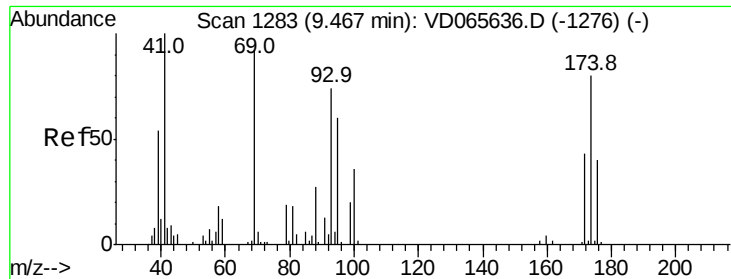
Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion:	41	Resp:	59188
Ion	Ratio	Lower	Upper
41	100		
69	87.9	66.8	100.2
39	59.2	39.6	59.4





#49

1,4-Dioxane

Concen: 987.860 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 14274

Ion Ratio Lower Upper

88 100

43 35.4 28.1 42.1

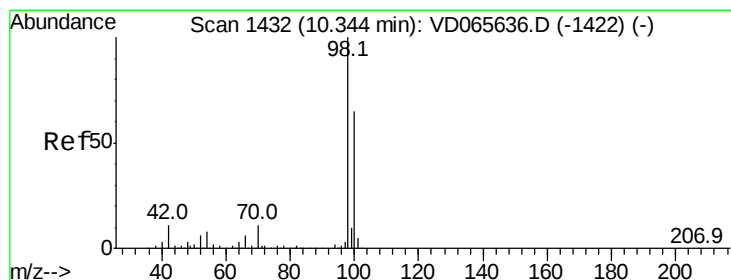
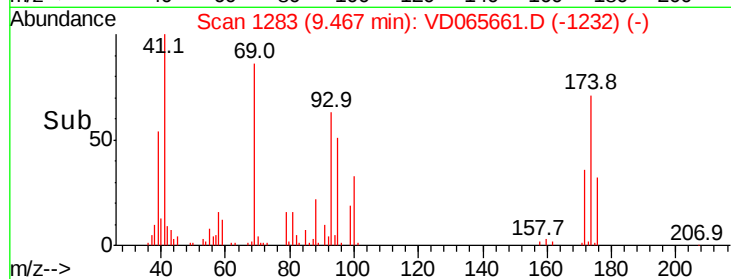
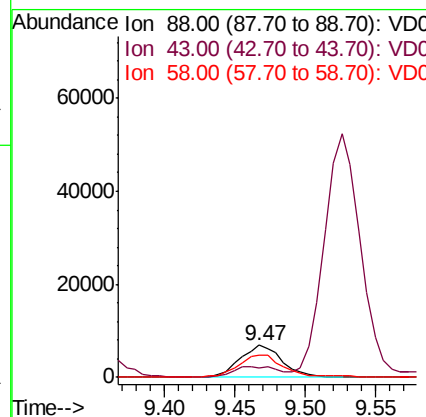
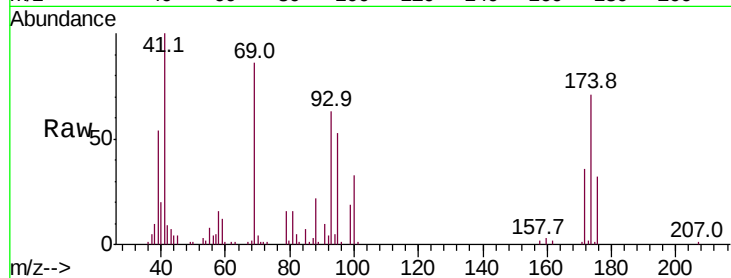
58 72.1 55.7 83.5

Manual Integrations

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#50

Toluene-d8

Concen: 50.591 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065661.D

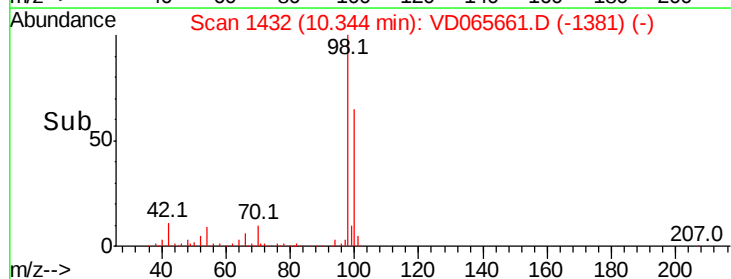
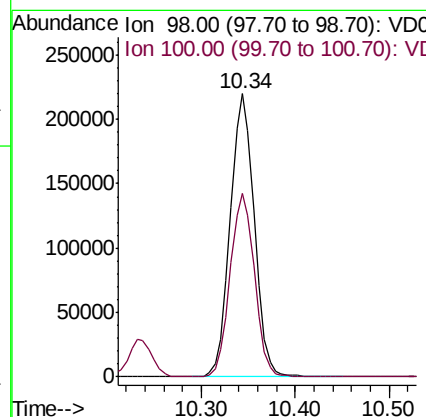
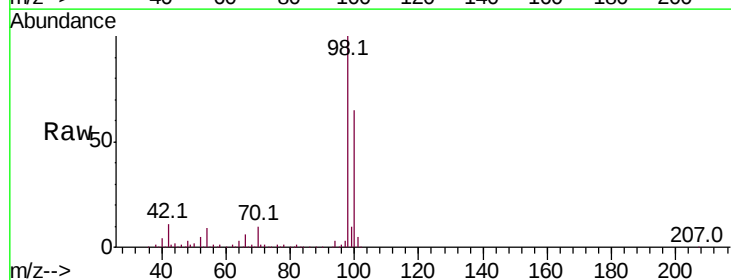
Acq: 17 Apr 2020 23:07

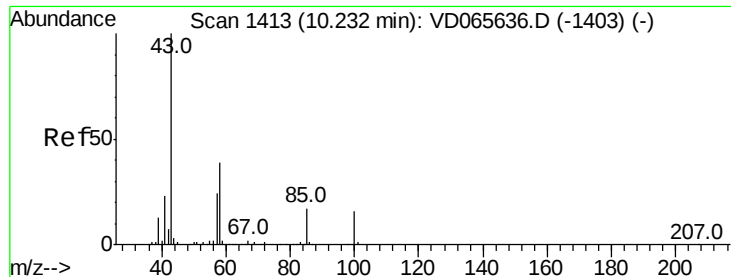
Tgt Ion: 98 Resp: 391302

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 249.317 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 325374

Ion Ratio Lower Upper

43 100

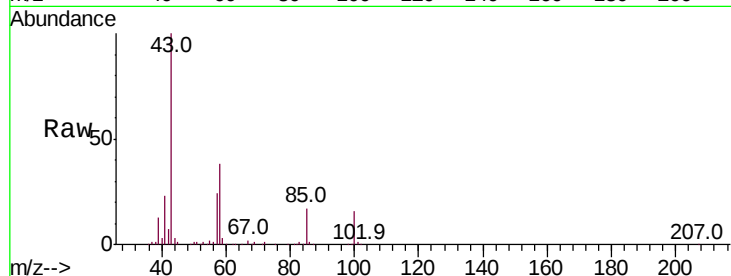
58 38.5 31.1 46.7

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

200000

150000

100000

50000

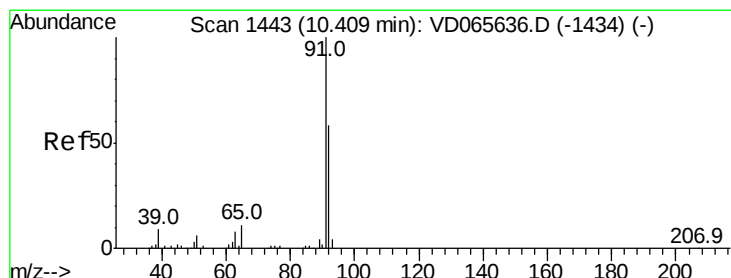
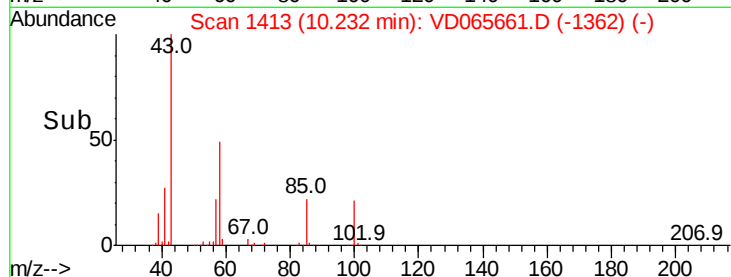
0

10.20

10.23

10.30

Time-->



#52

Toluene

Concen: 49.741 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065661.D

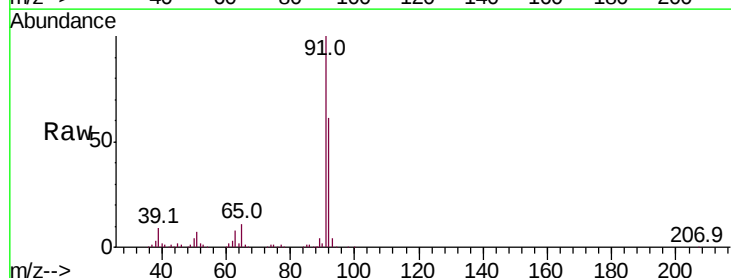
Acq: 17 Apr 2020 23:07

Tgt Ion: 92 Resp: 286991

Ion Ratio Lower Upper

92 100

91 168.4 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

150000

100000

50000

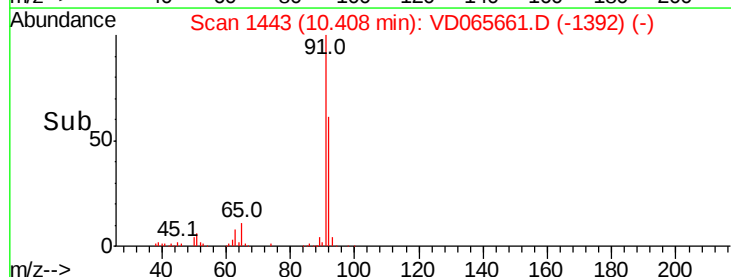
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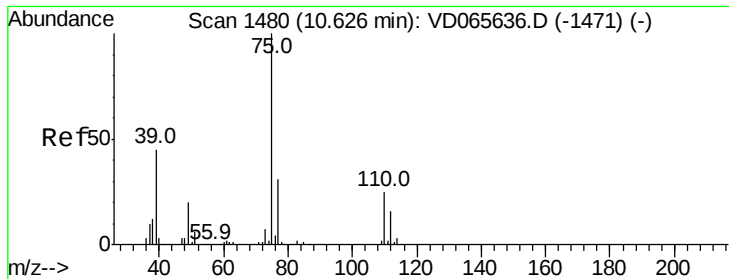
10.30

10.41

10.50

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.499 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 143760

Ion Ratio Lower Upper

75 100

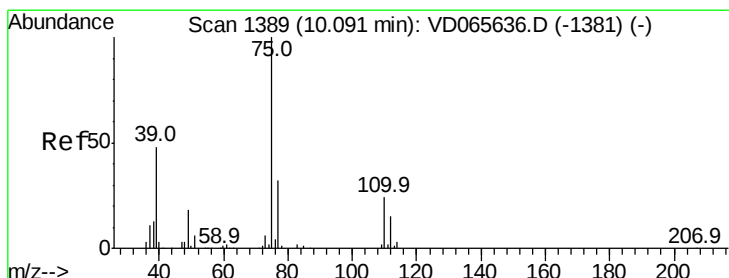
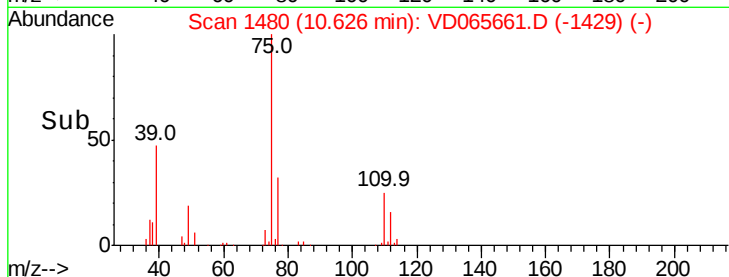
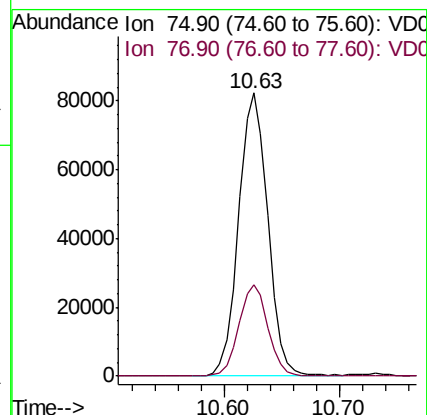
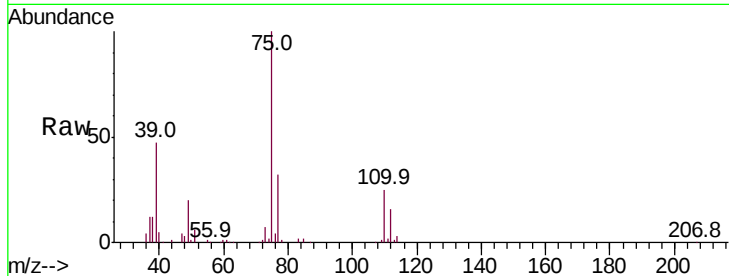
77 32.5 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 49.566 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

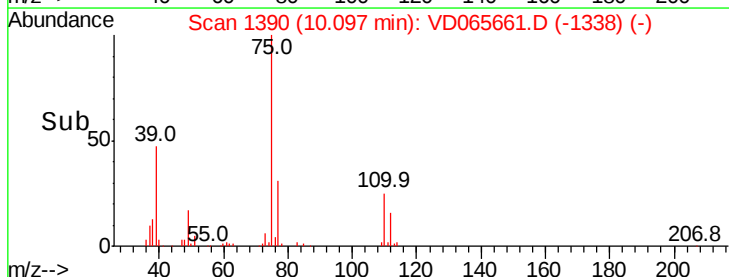
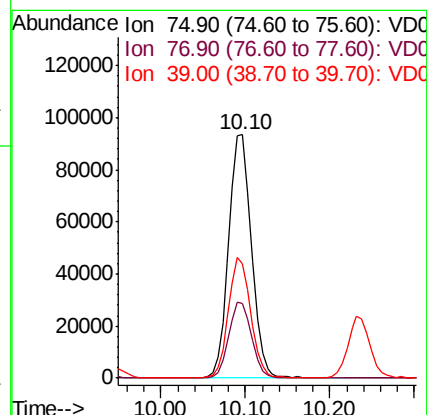
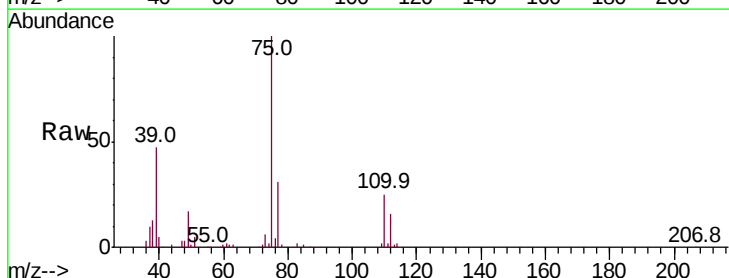
Tgt Ion: 75 Resp: 174224

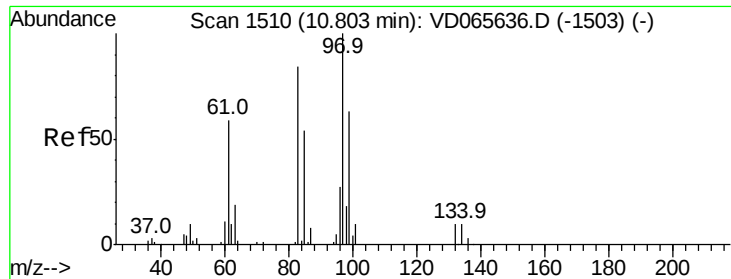
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 47.2 38.7 58.1





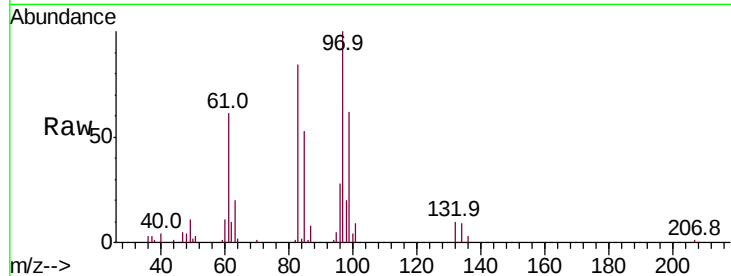
#55
 1,1,2-Trichloroethane
 Concen: 49.802 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

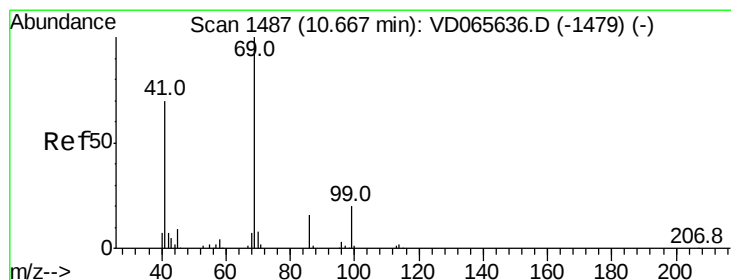
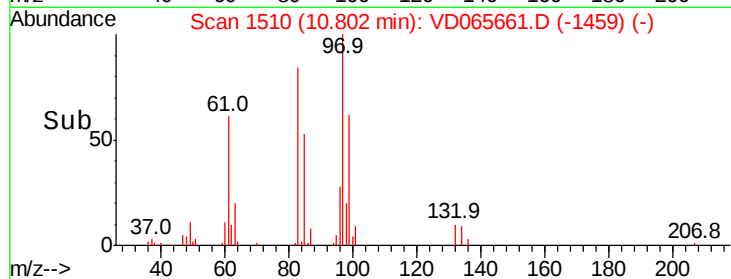
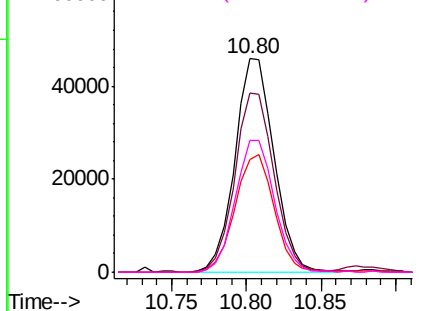
Tot Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.0
85	53.0	43.4	65.0
99	61.8	50.5	75.7

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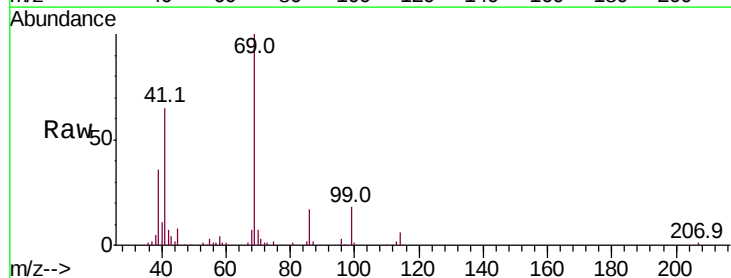


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

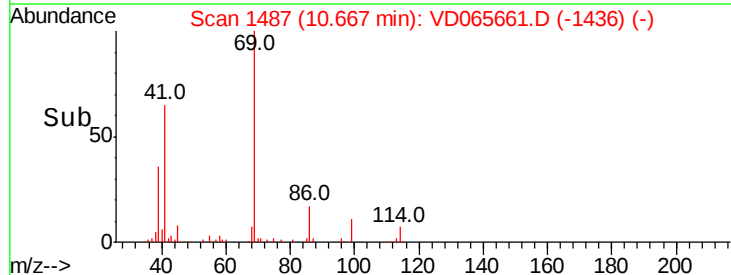
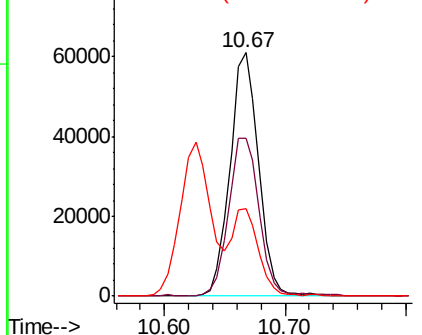


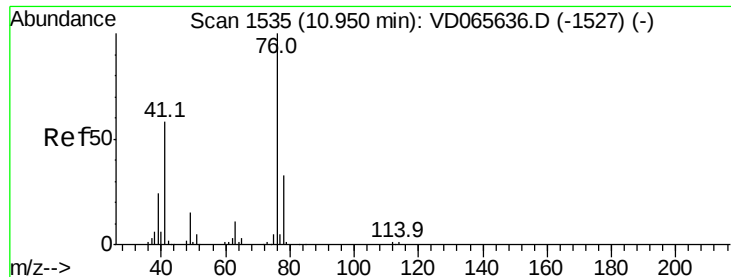
#56
 Ethyl methacrylate
 Concen: 47.981 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.2	84.4
39	32.4	26.6	39.8



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





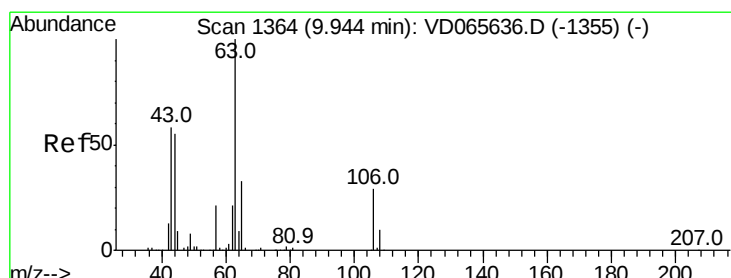
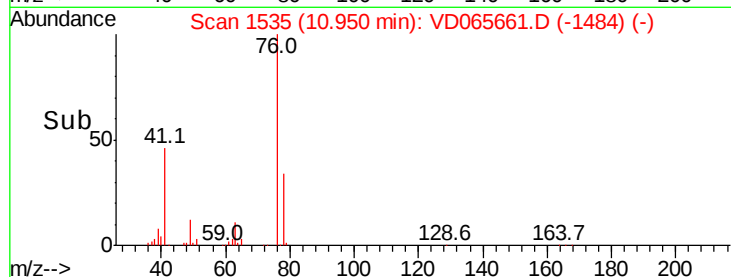
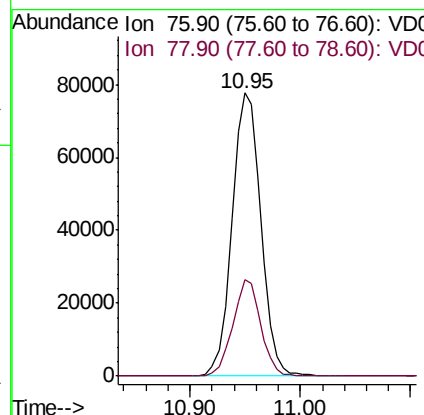
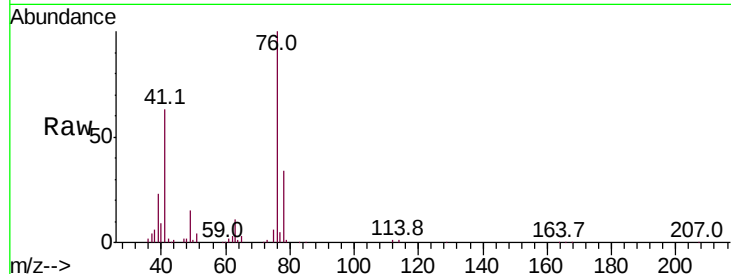
#57
 1,3-Dichloropropane
 Concen: 49.691 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

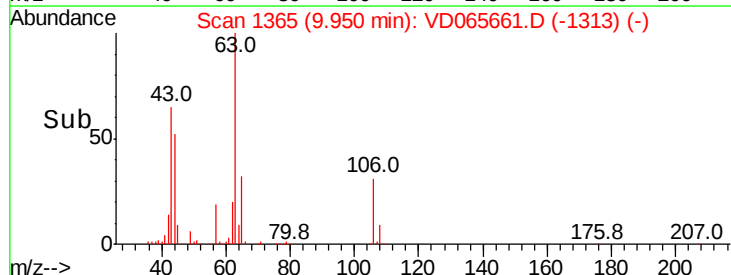
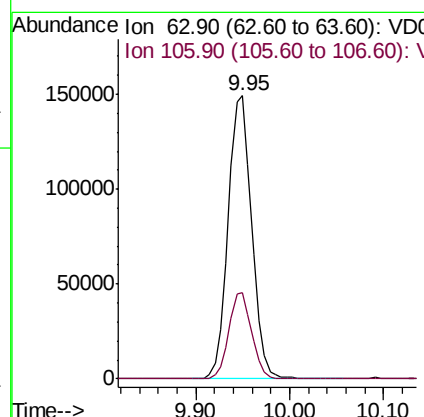
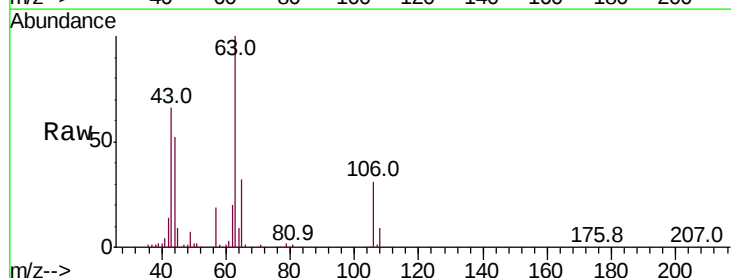
Manual Integrations
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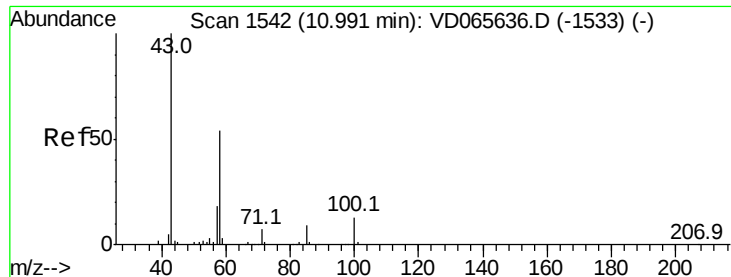
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#58
 2-Chloroethyl Vinyl ether
 Concen: 257.843 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.6





#59

2-Hexanone

Concen: 240.145 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 214917

Ion Ratio Lower Upper

43 100

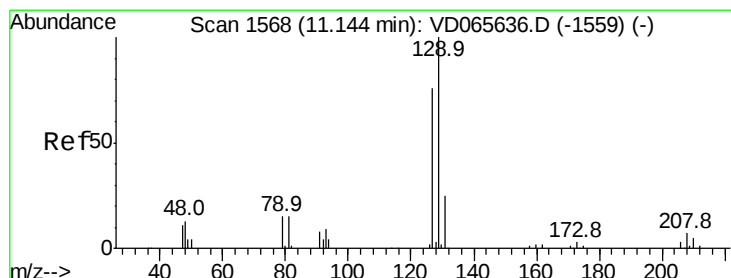
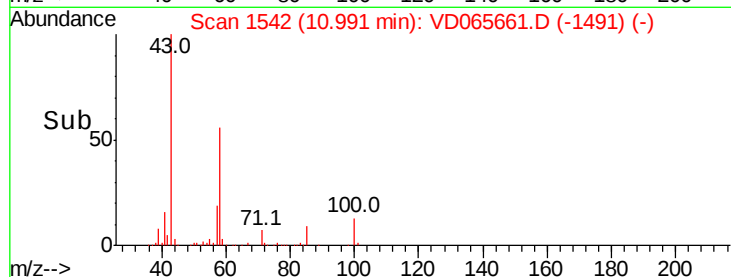
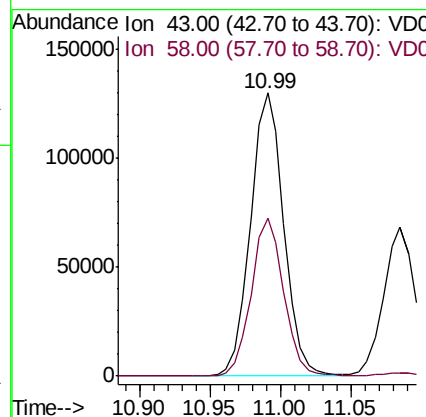
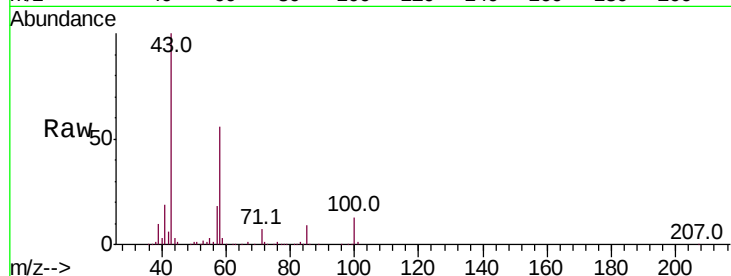
58 54.6 26.5 79.4

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#60

Dibromochloromethane

Concen: 49.677 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VD065661.D

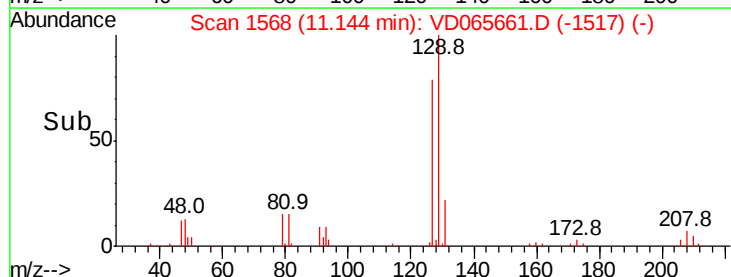
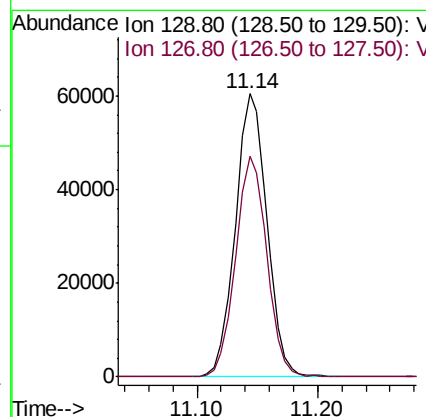
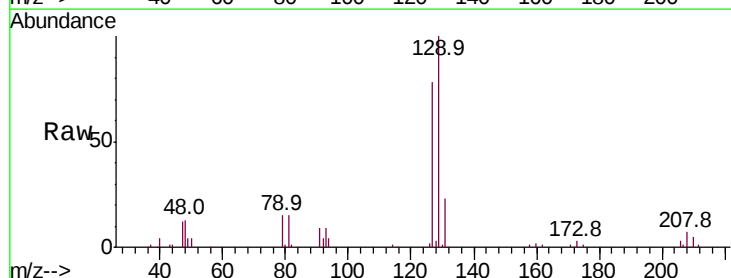
Acq: 17 Apr 2020 23:07

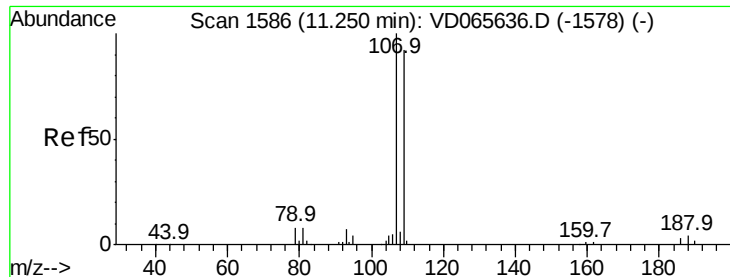
Tgt Ion: 129 Resp: 109925

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.3





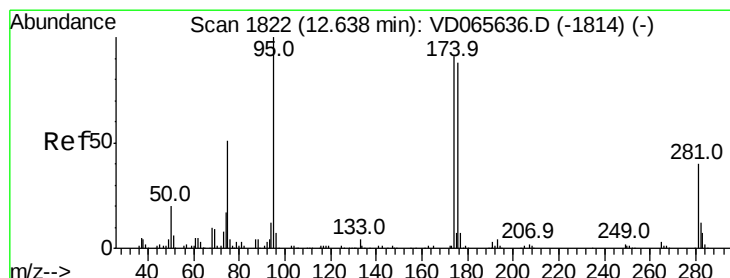
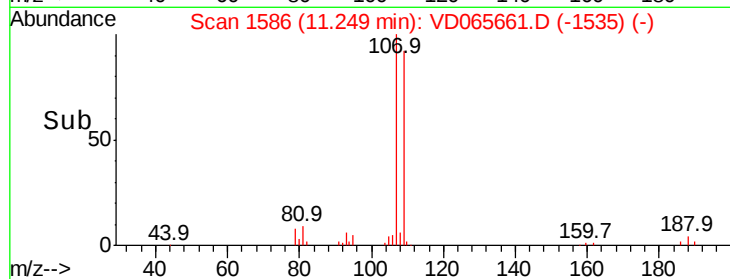
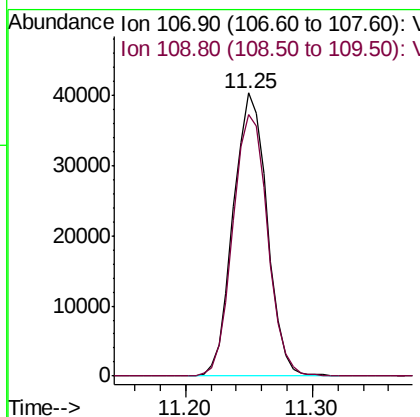
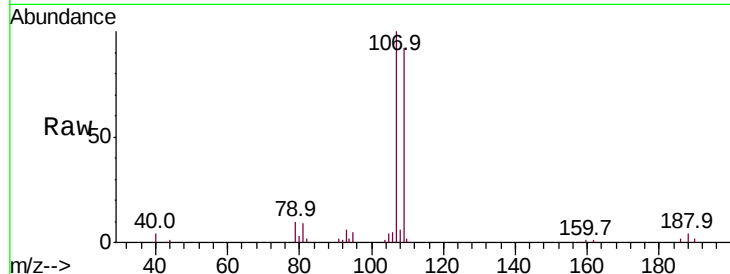
#61
 1,2-Dibromoethane
 Concen: 46.116 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.6	112.0

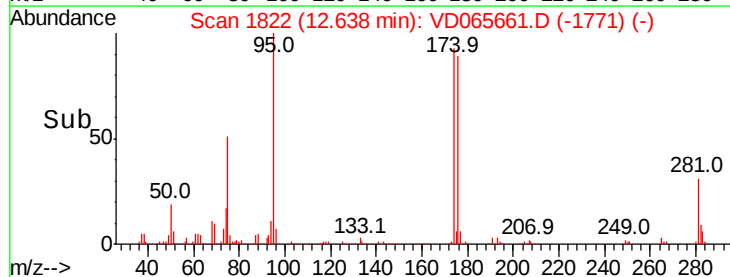
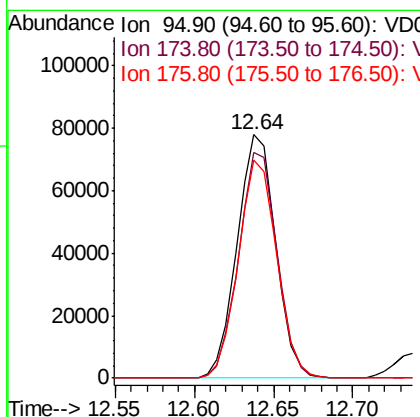
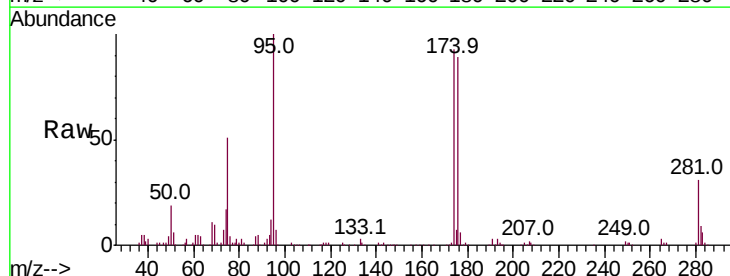
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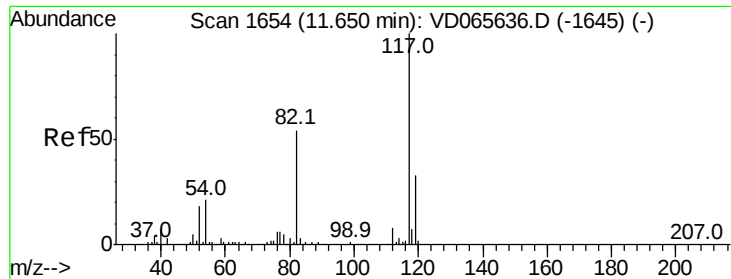
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#62
 4-Bromofluorobenzene
 Concen: 51.076 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	183.8
176	89.4	0.0	181.4





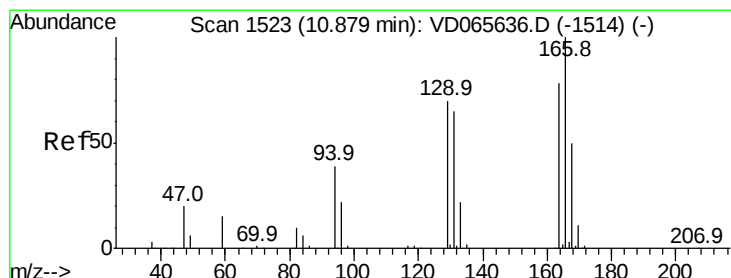
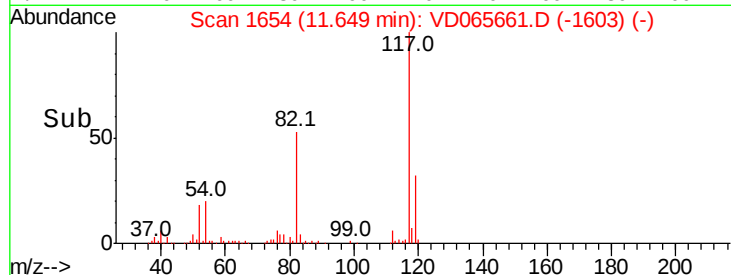
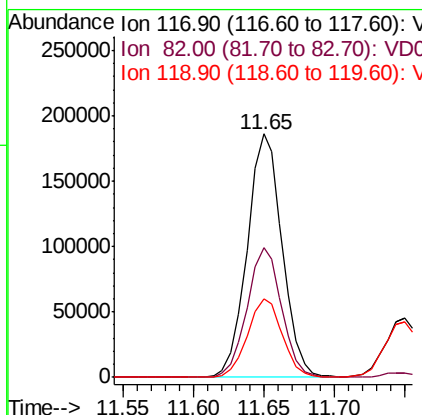
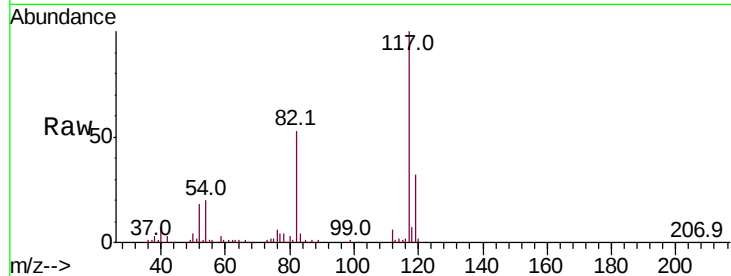
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.2	64.8
119	32.4	26.2	39.4

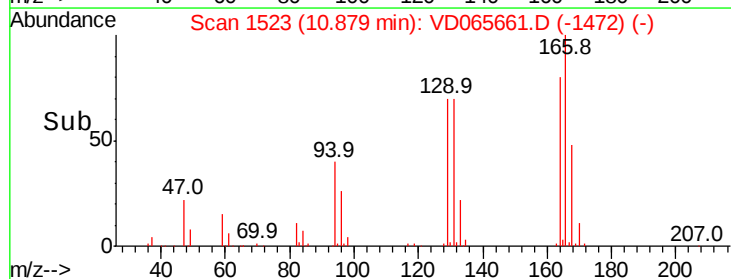
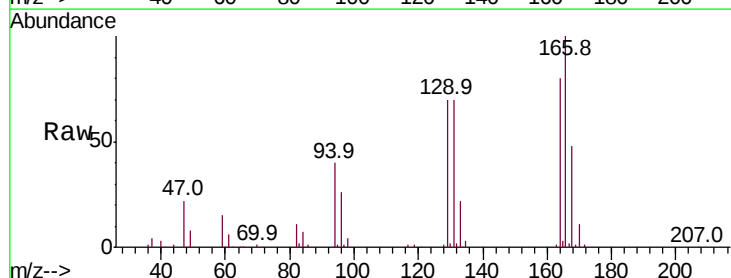
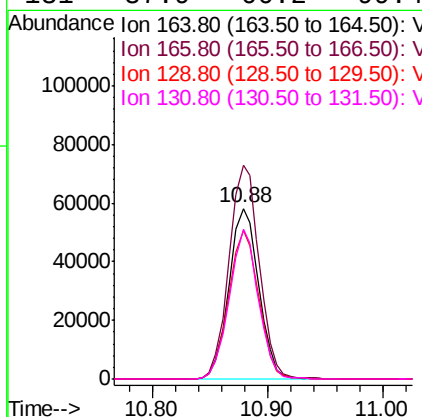
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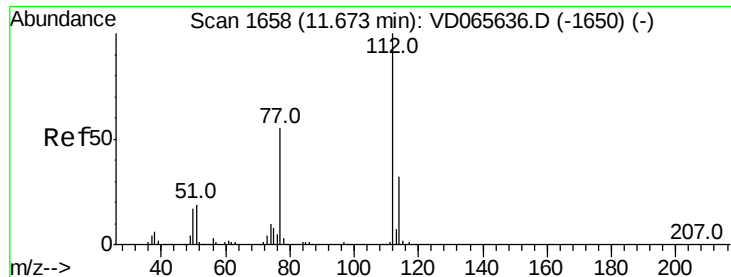
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#64
Tetrachloroethene
Concen: 44.972 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.3	153.5
129	87.3	71.7	107.5
131	87.9	66.2	99.4





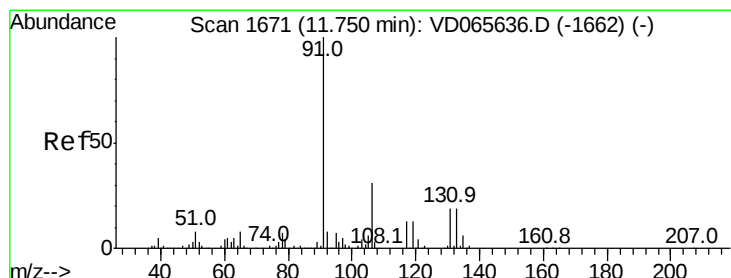
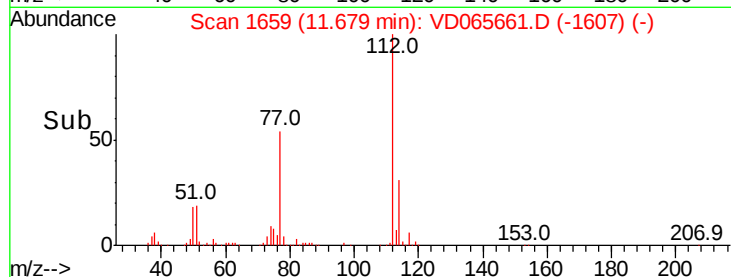
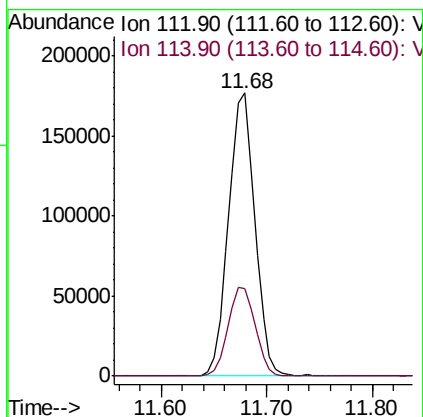
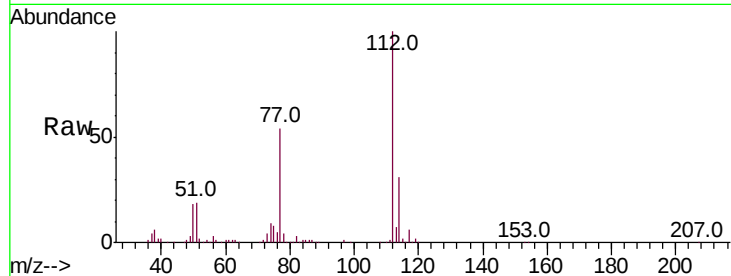
#65
Chlorobenzene
Concen: 47.812 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.3	37.9

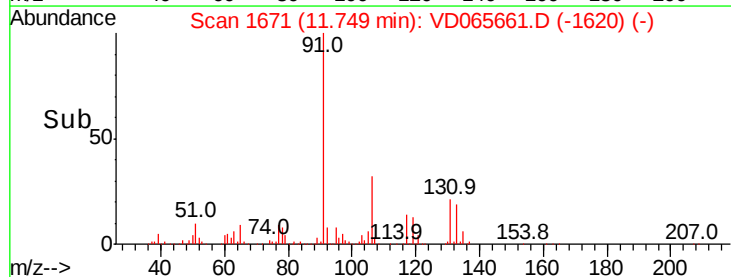
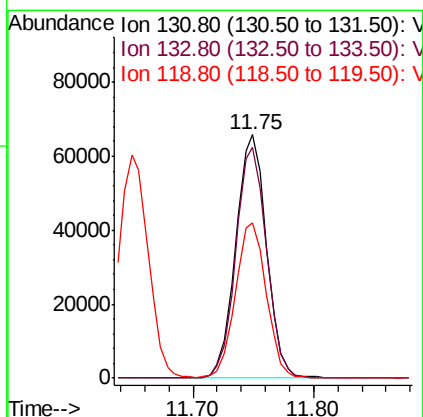
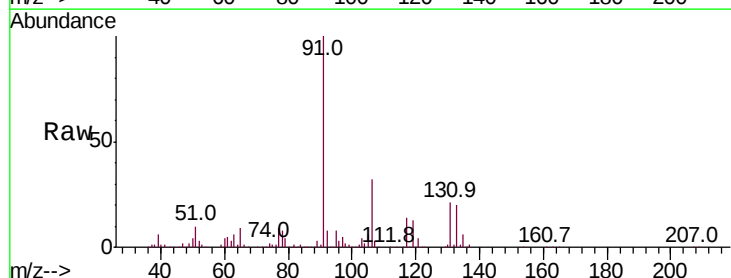
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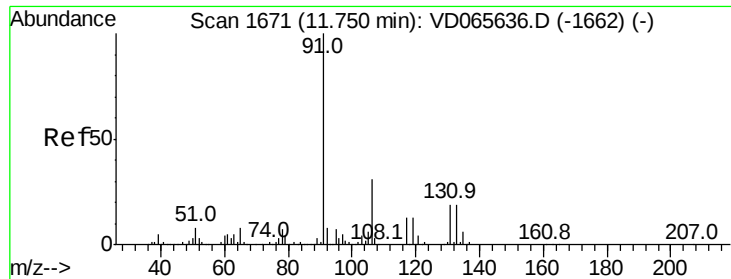
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.909 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.7	143.1
119	64.3	32.6	97.7





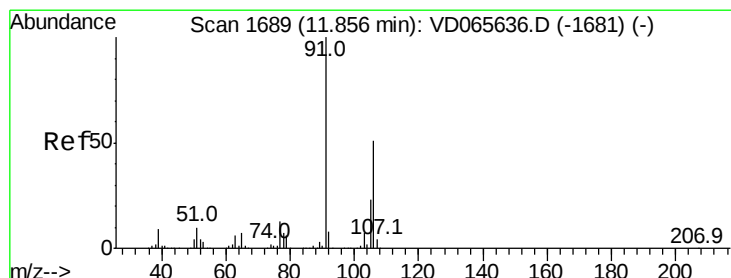
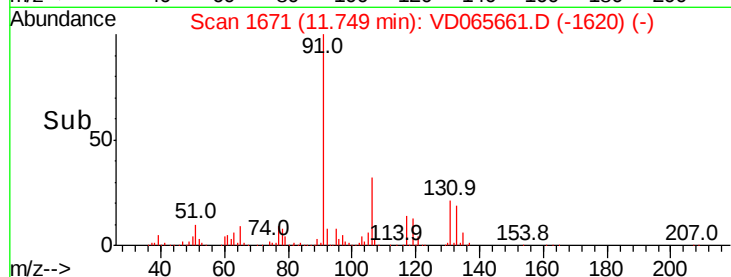
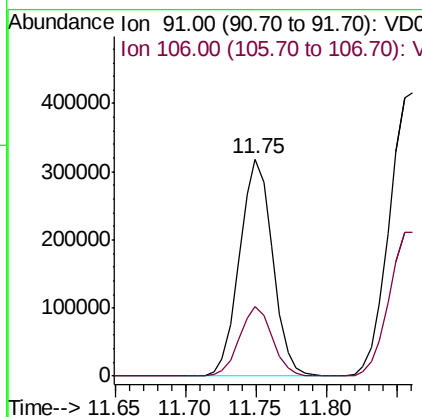
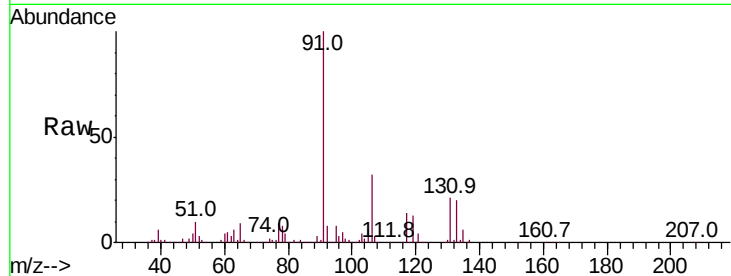
#67
Ethyl Benzene
Concen: 47.952 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 522750
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7

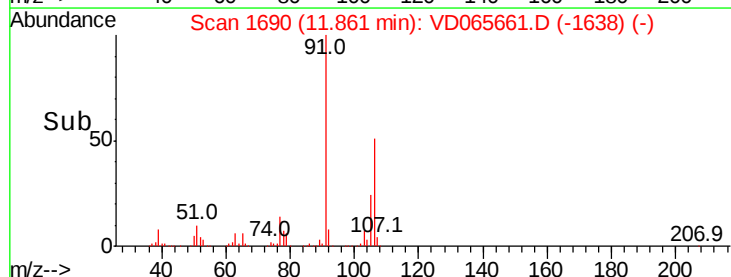
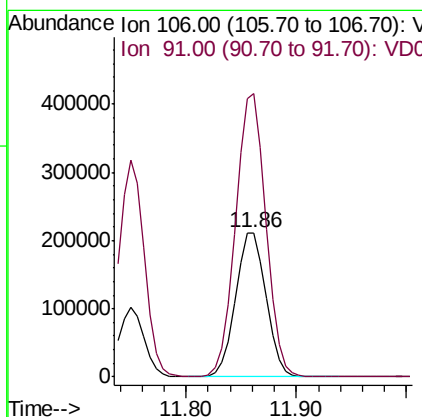
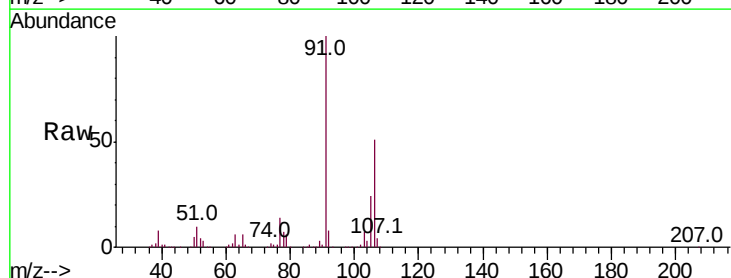
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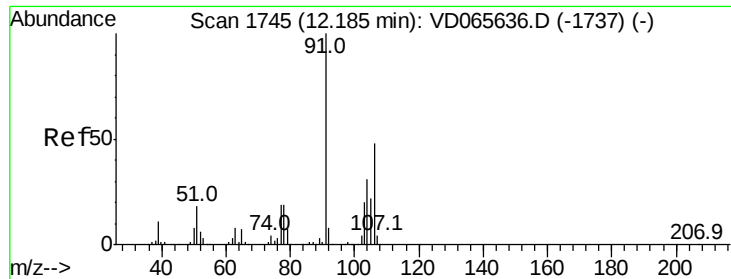
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#68
m/p-Xylenes
Concen: 97.722 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion: 106 Resp: 411572
Ion Ratio Lower Upper
106 100
91 195.1 157.9 236.9





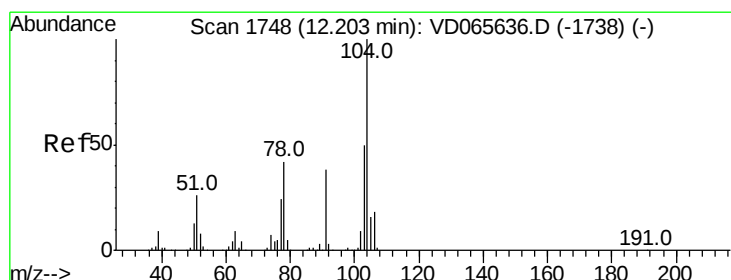
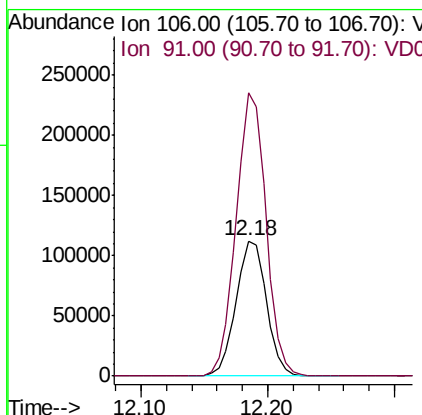
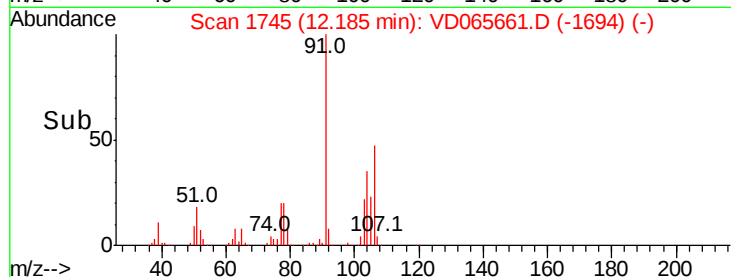
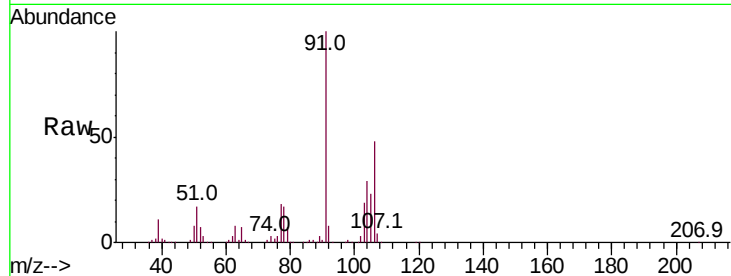
#69
o-Xylene
Concen: 50.563 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	103.6	310.9

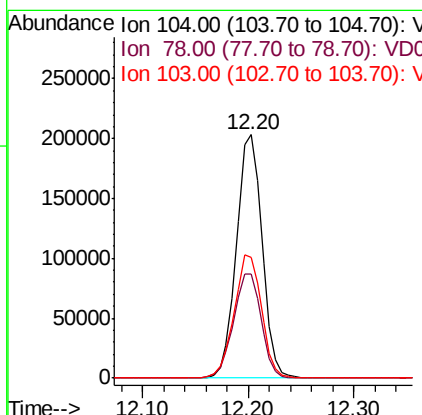
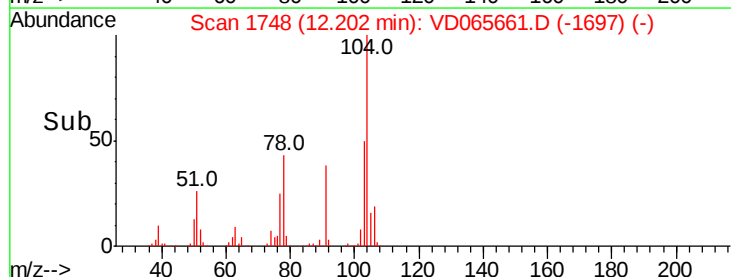
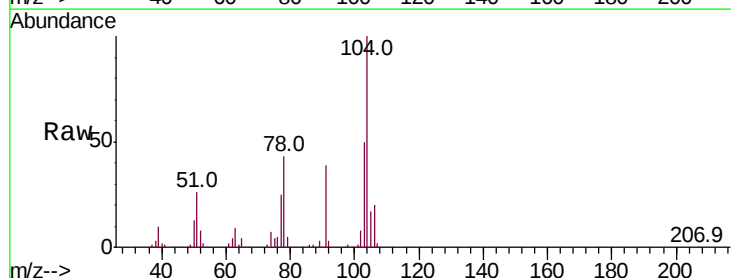
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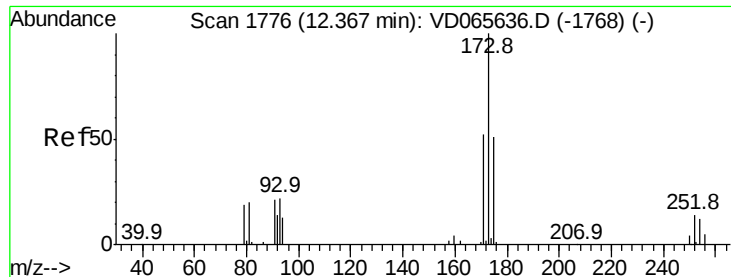
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#70
Styrene
Concen: 51.955 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.7	37.5	56.3
103	54.1	43.4	65.0





#71

Bromoform

Concen: 48.652 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

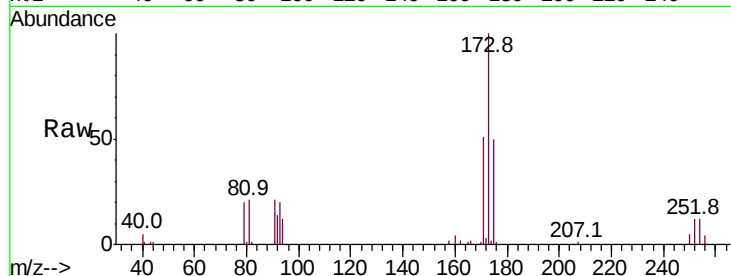
ClientSampleId :

VSTDCCC050EC

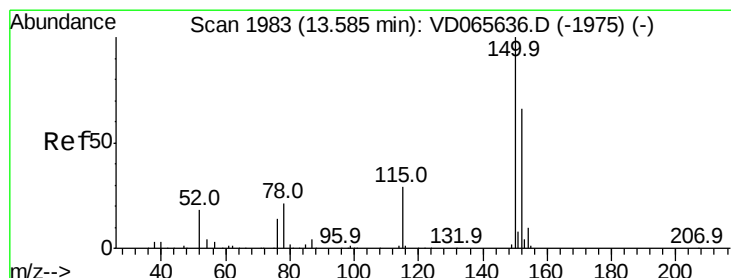
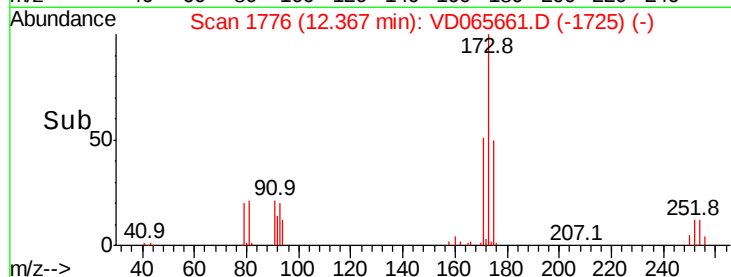
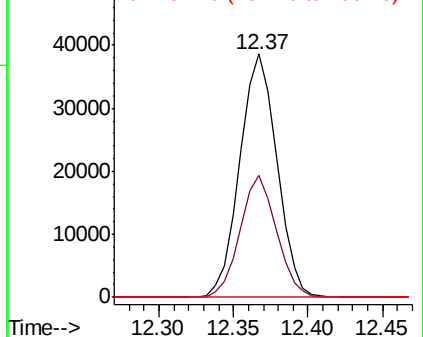
Tot Ion:	173	Resp:	66661
Ion Ratio	Lower	Upper	
173	100		
175	49.0	25.1	75.2
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

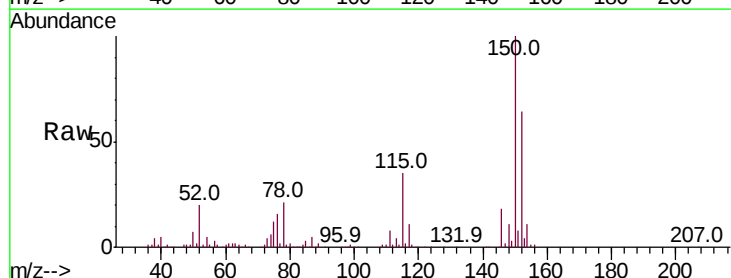
RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

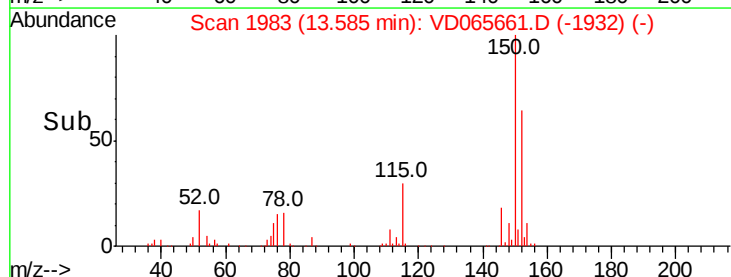
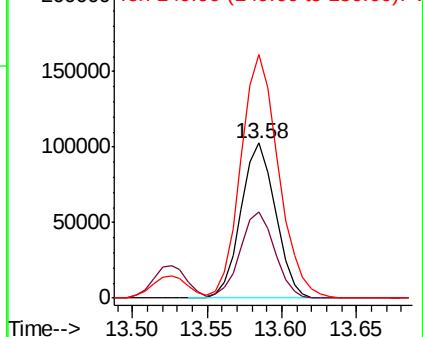
Lab File: VD065661.D

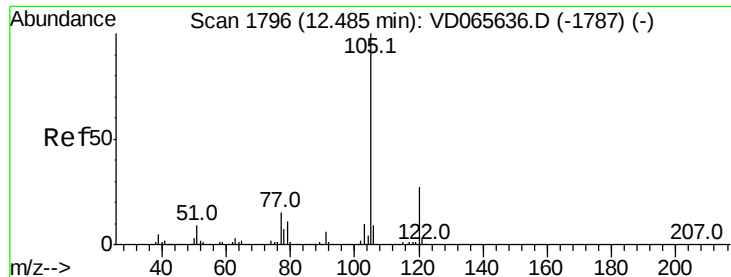
Acq: 17 Apr 2020 23:07

Tgt Ion:	152	Resp:	165615
Ion Ratio	Lower	Upper	
152	100		
115	55.7	27.6	82.7
150	170.3	0.0	346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.938 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 488827

Ion Ratio Lower Upper

105 100

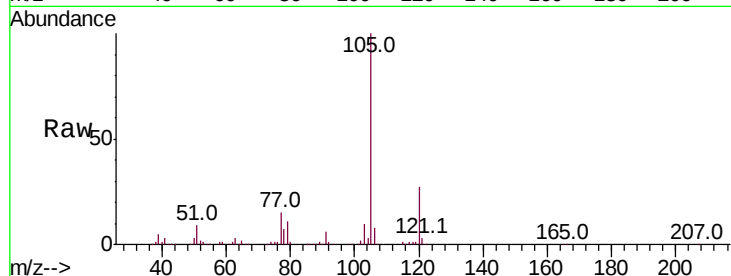
120 26.9 13.4 40.2

Manual Integrations

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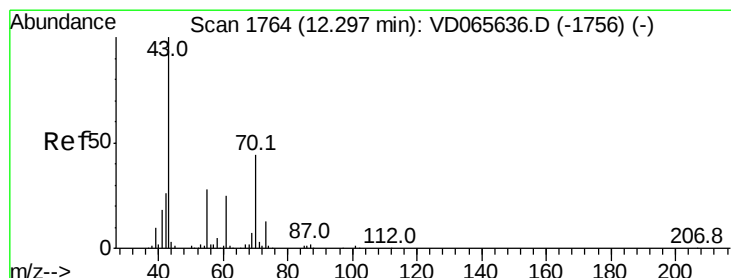
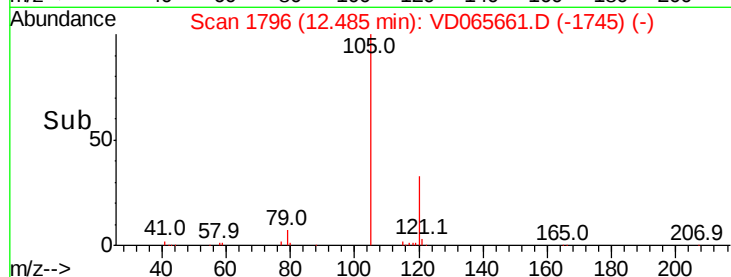
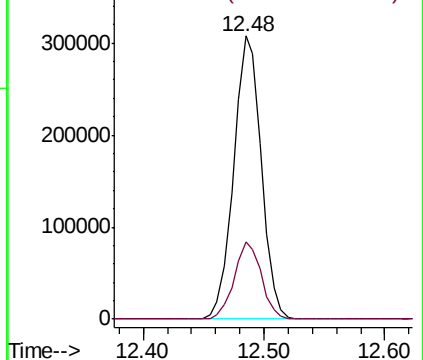
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.705 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion: 43 Resp: 111340

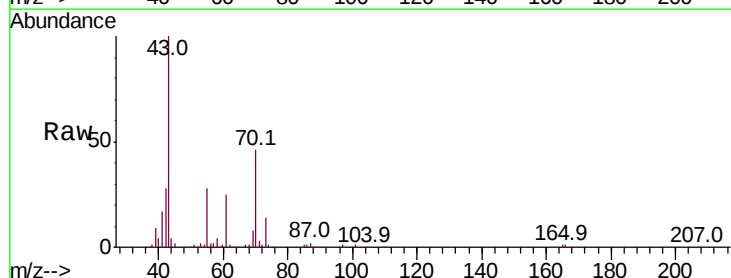
Ion Ratio Lower Upper

43 100

70 43.8 35.4 53.0

55 28.3 22.2 33.2

61 24.1 19.3 28.9

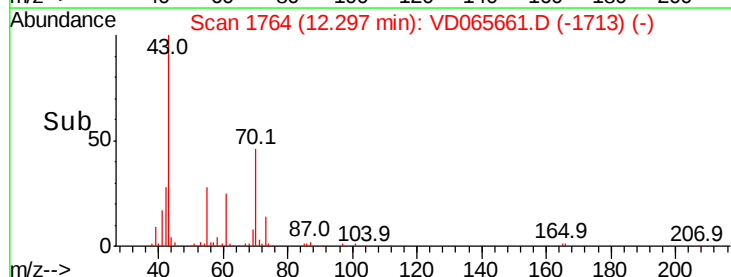
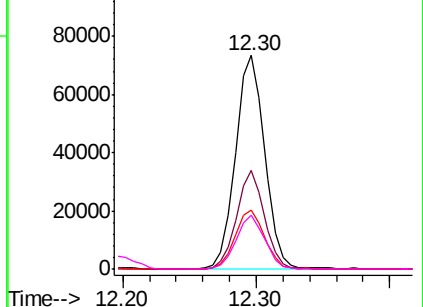


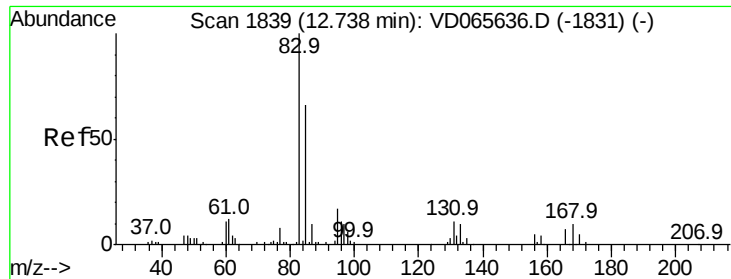
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 47.903 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

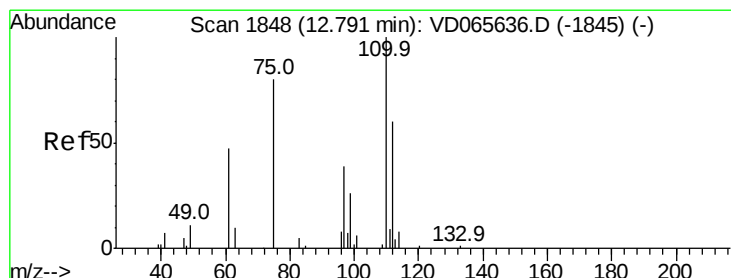
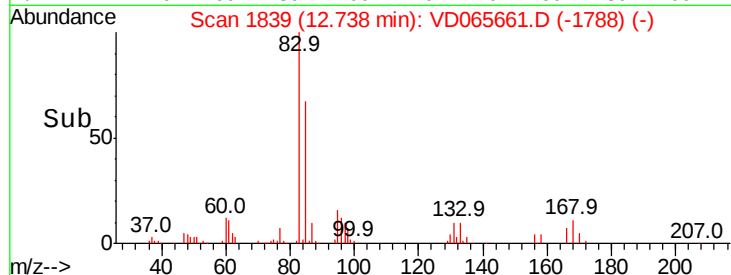
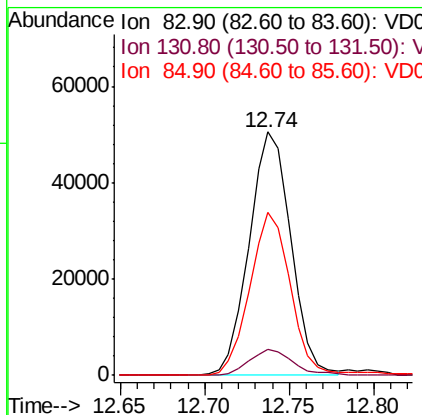
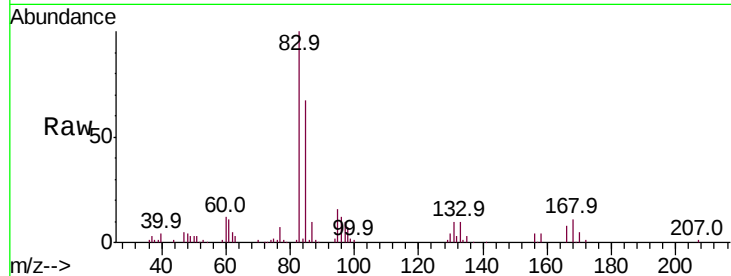
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	86882
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.0
85	64.8	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 43.791 ug/l m

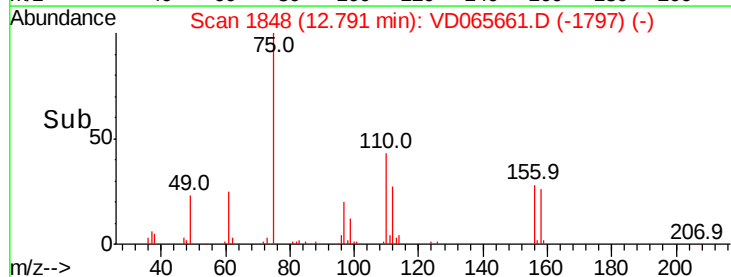
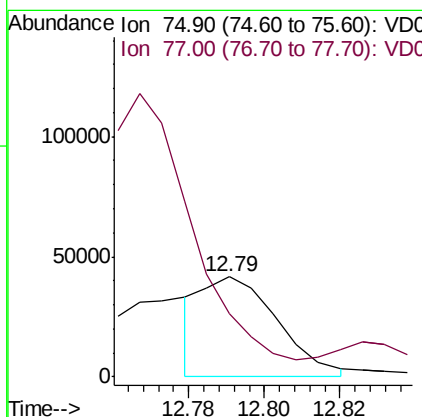
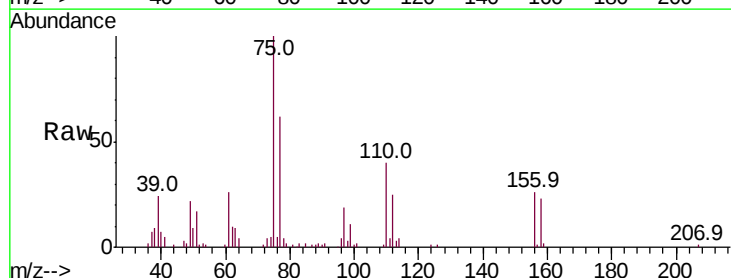
RT: 12.79 min Scan# 1848

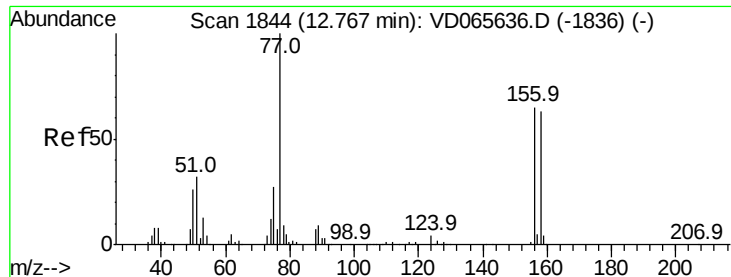
Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion:	75	Resp:	58312
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.837 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Instrument :

MSVOA_D

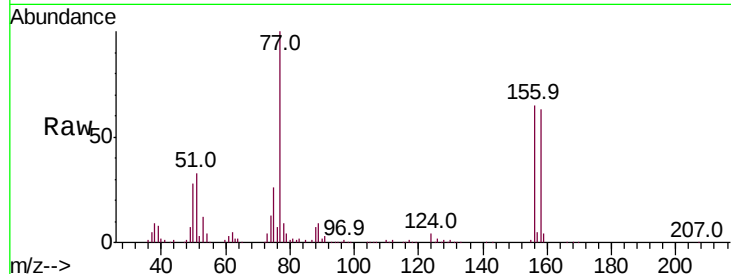
ClientSampleId :

VSTDCCC050EC

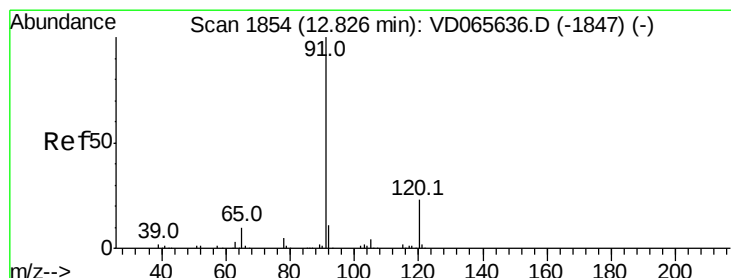
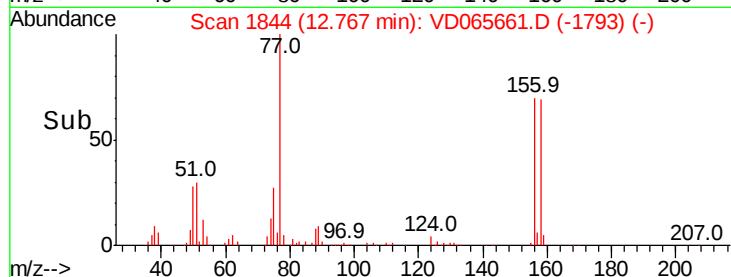
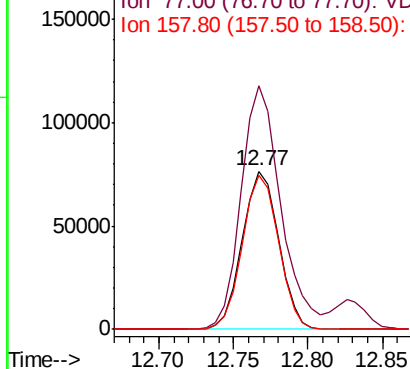
Tot Ion:	156	Resp:	129542
Ion Ratio	Lower	Upper	
156	100		
77	167.9	84.7	254.1
158	97.0	48.5	145.5

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.099 ug/l

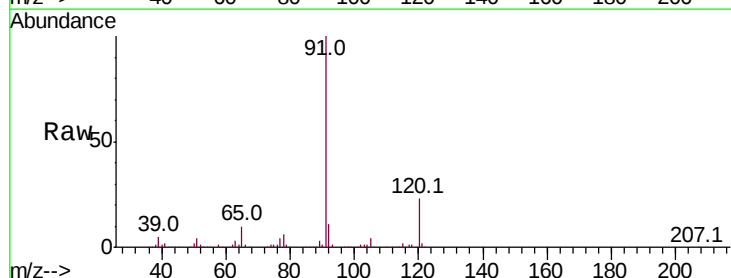
RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

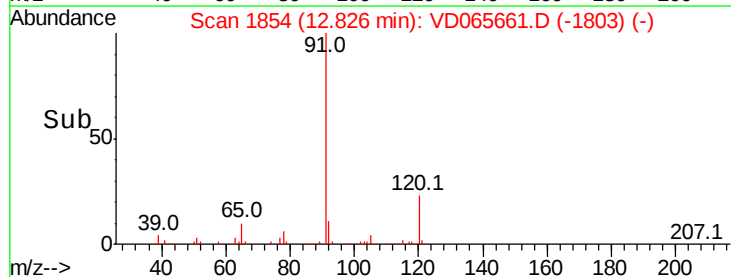
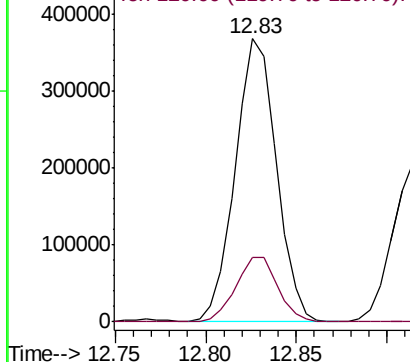
Lab File: VD065661.D

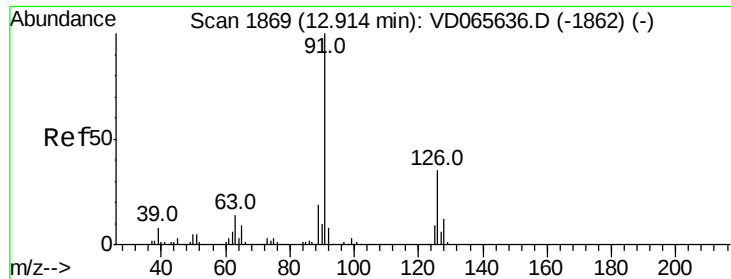
Acq: 17 Apr 2020 23:07

Tgt Ion:	91	Resp:	581209
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





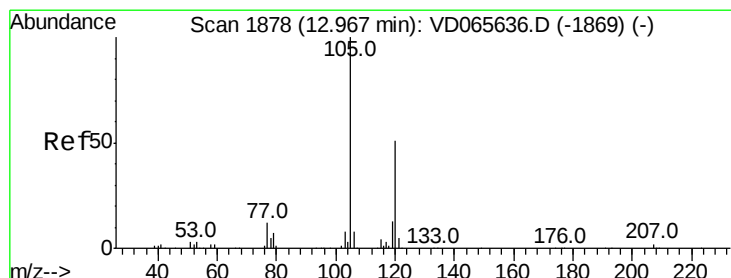
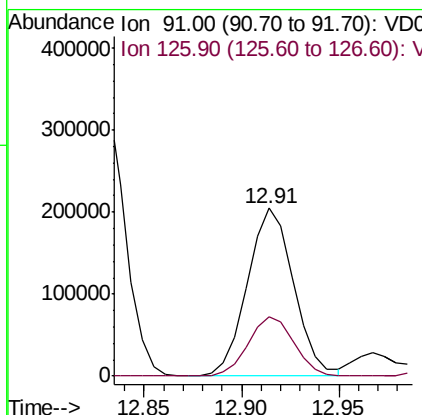
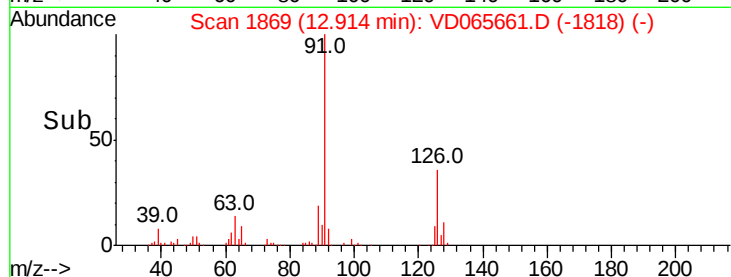
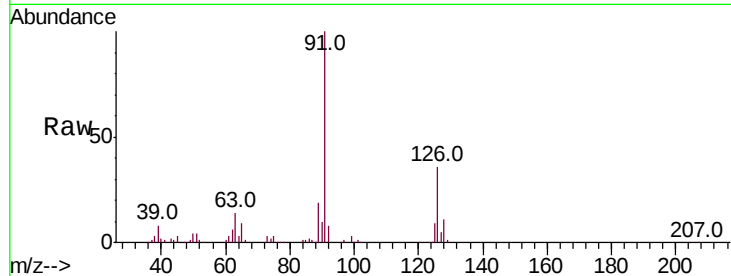
#79
2-Chlorotoluene
Concen: 49.118 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 337056
Ion Ratio Lower Upper
91 100
126 35.1 17.8 53.3

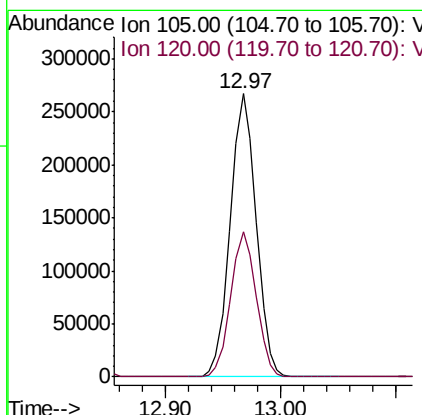
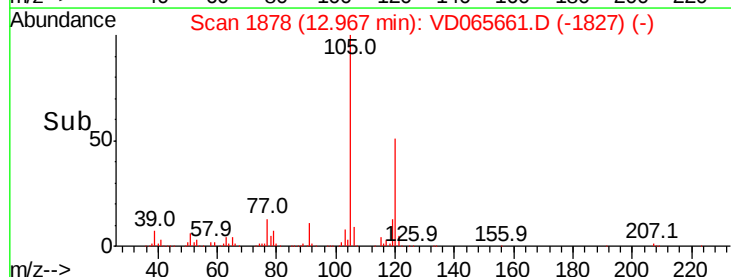
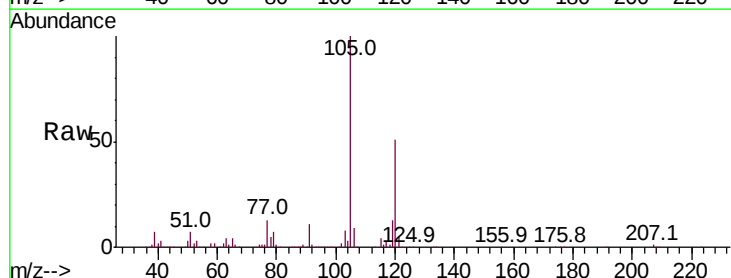
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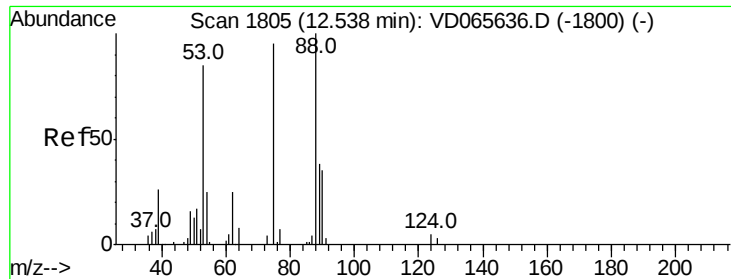
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#80
1,3,5-Trimethylbenzene
Concen: 49.196 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion:105 Resp: 414702
Ion Ratio Lower Upper
105 100
120 50.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.064 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065661.D

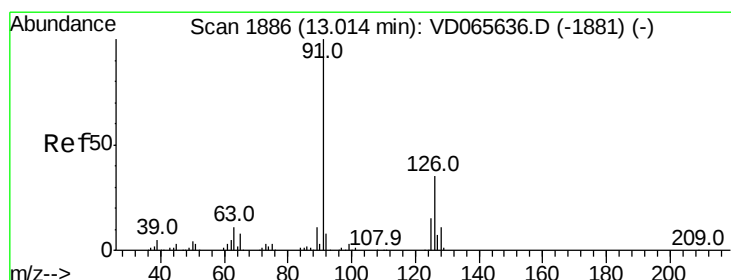
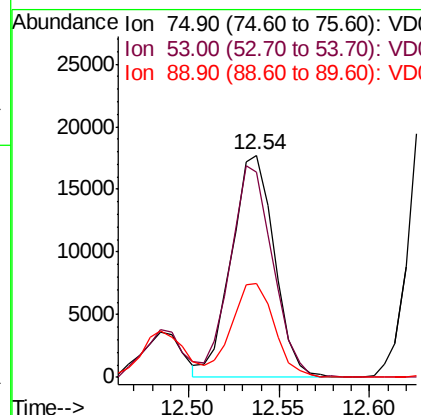
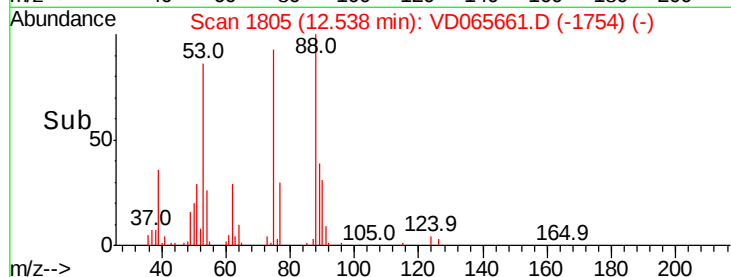
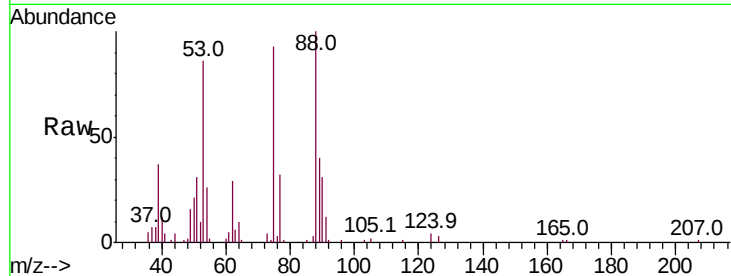
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.8	76.8	115.2
89	42.4	36.1	54.1

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#82

4-Chlorotoluene

Concen: 48.267 ug/l

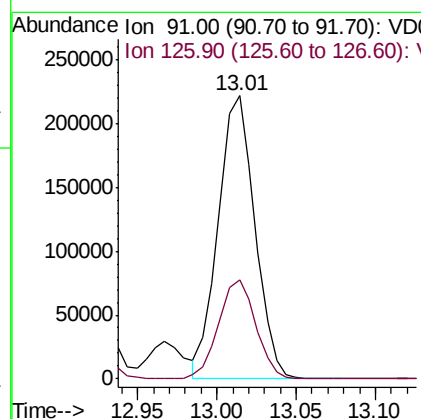
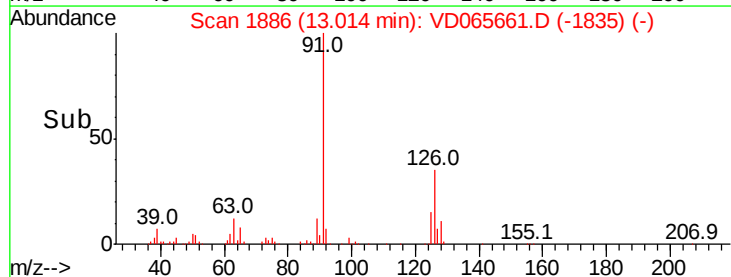
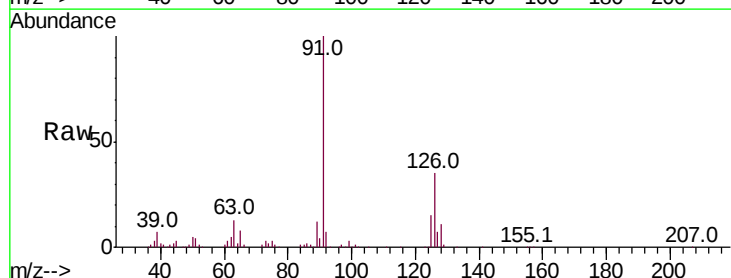
RT: 13.01 min Scan# 1886

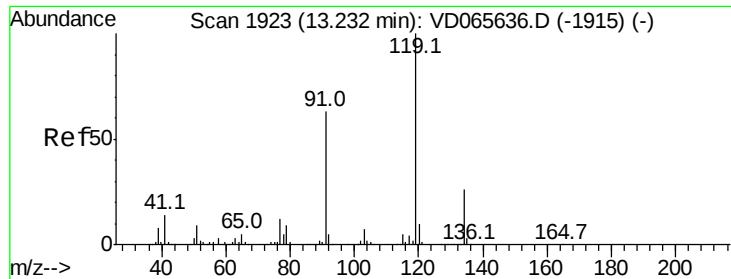
Delta R.T. -0.00 min

Lab File: VD065661.D

Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.6





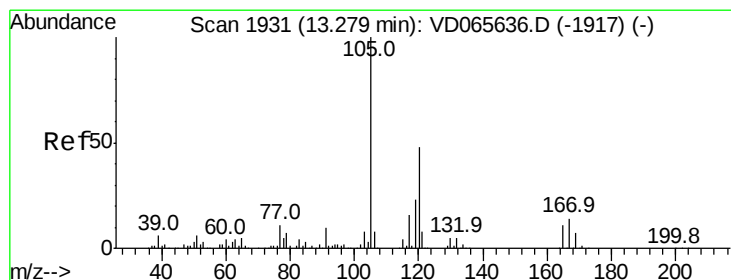
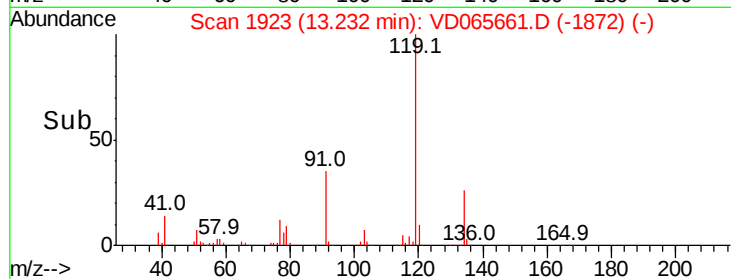
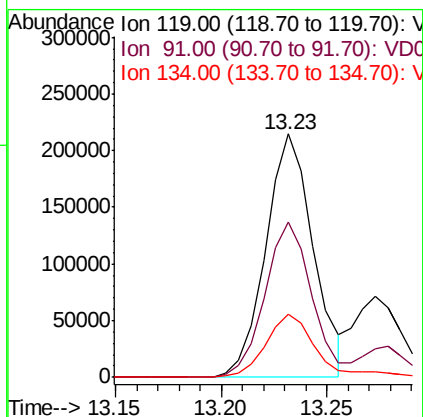
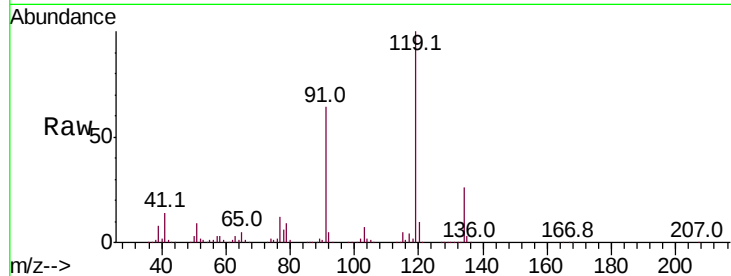
#83
tert-Butylbenzene
Concen: 47.459 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.7	95.1
134	27.7	14.0	41.9

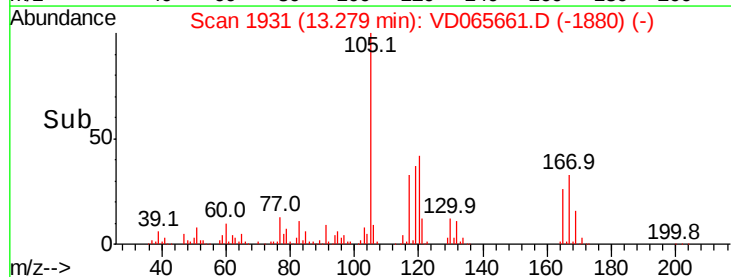
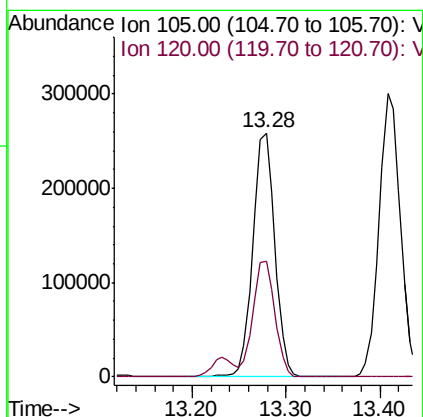
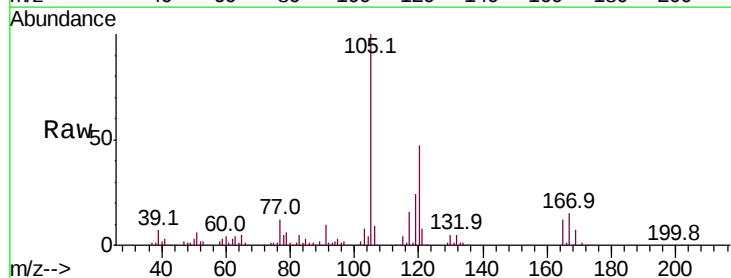
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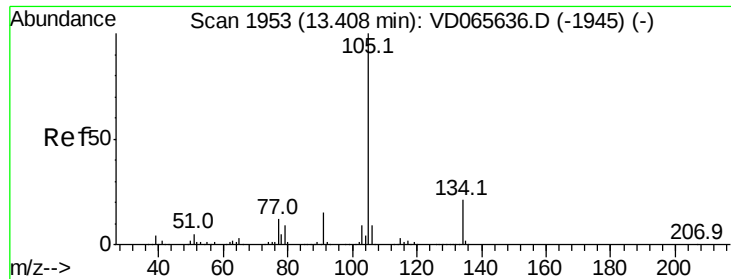
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#84
1,2,4-Trimethylbenzene
Concen: 49.957 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.5	70.6





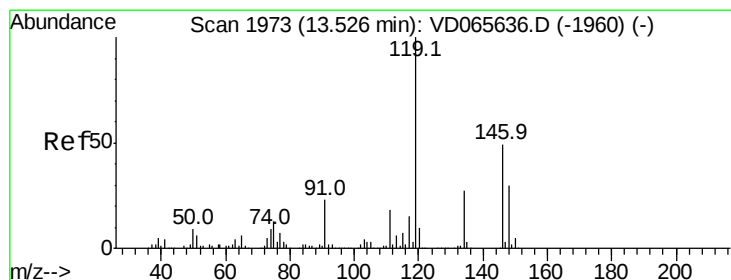
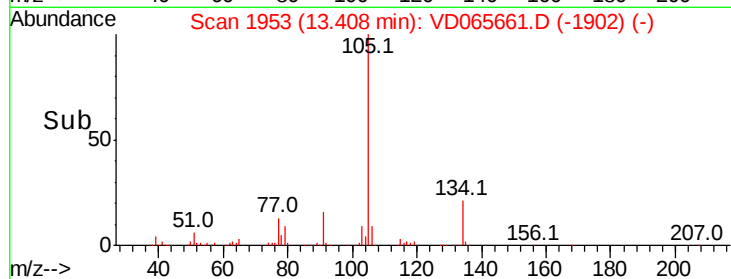
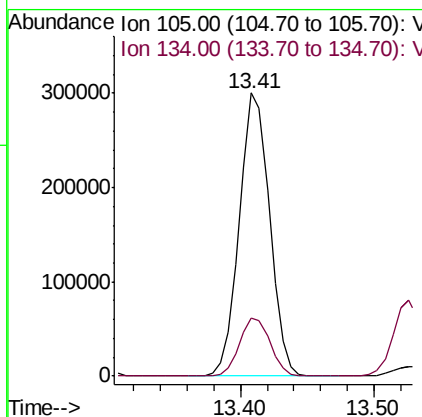
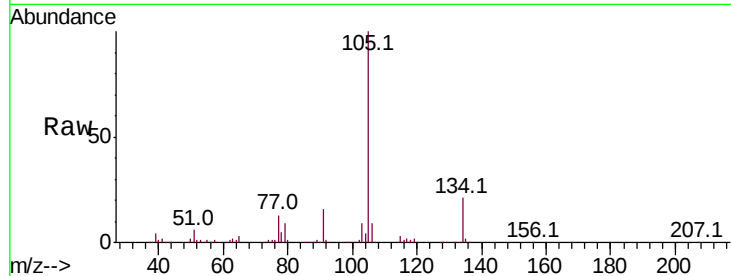
#85
 sec-Butylbenzene
 Concen: 46.563 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.4

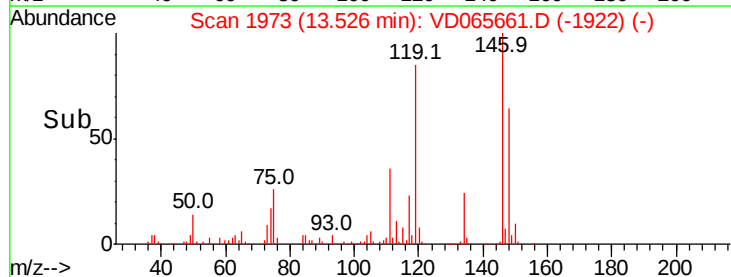
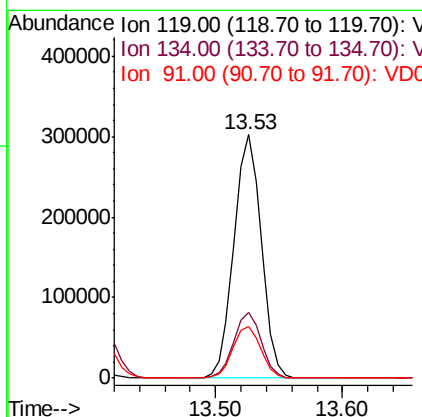
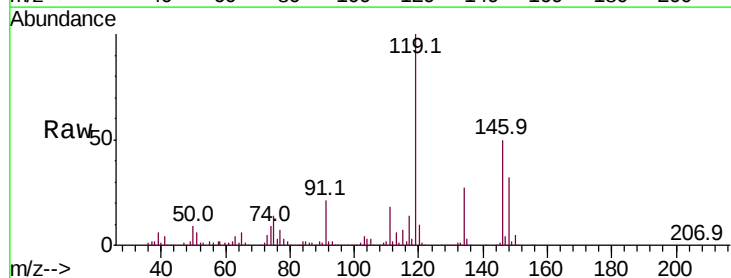
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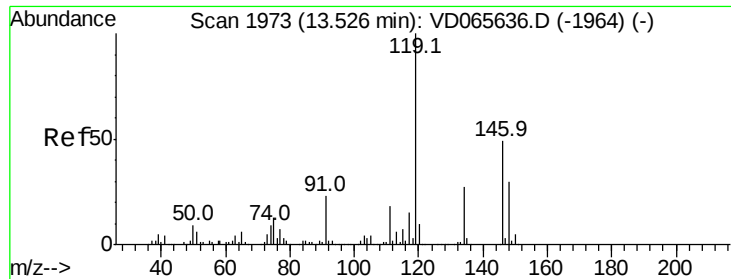
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#86
 p-Isopropyltoluene
 Concen: 47.537 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	21.8	11.1	33.3





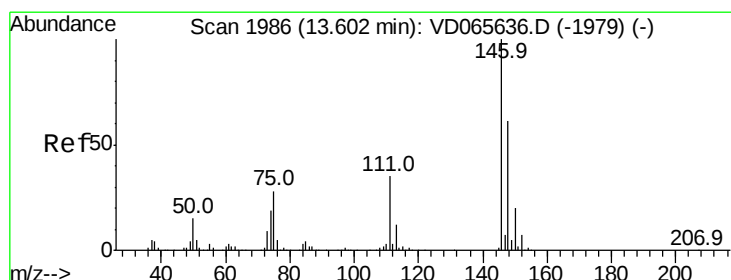
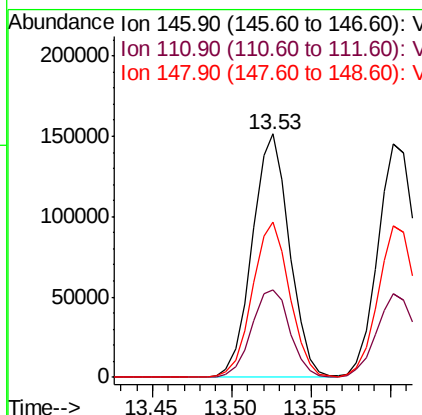
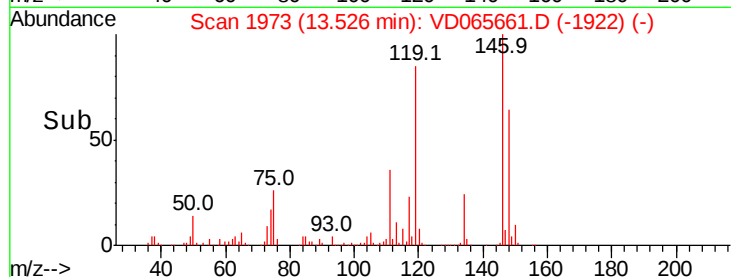
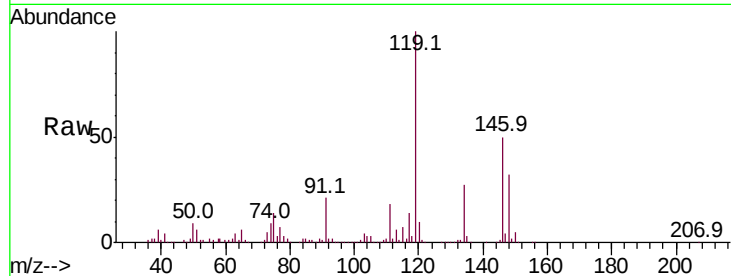
#87
 1,3-Dichlorobenzene
 Concen: 47.582 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	63.9	31.6	94.8

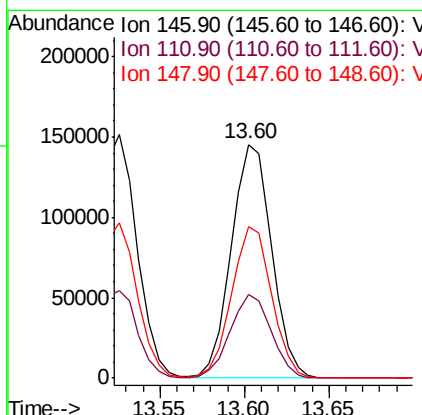
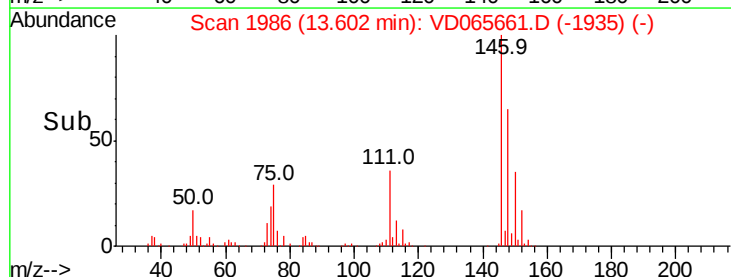
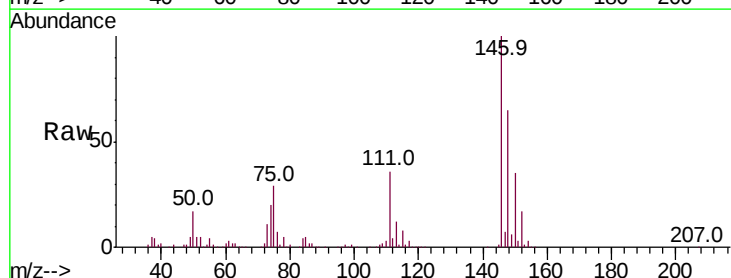
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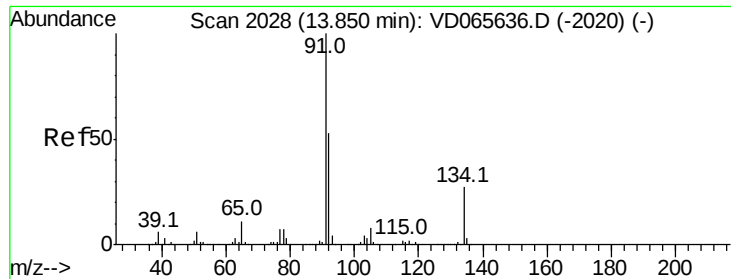
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#88
 1,4-Dichlorobenzene
 Concen: 46.765 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.0	54.0
148	64.4	31.4	94.2





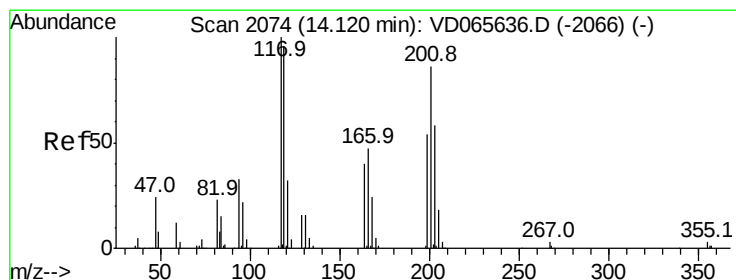
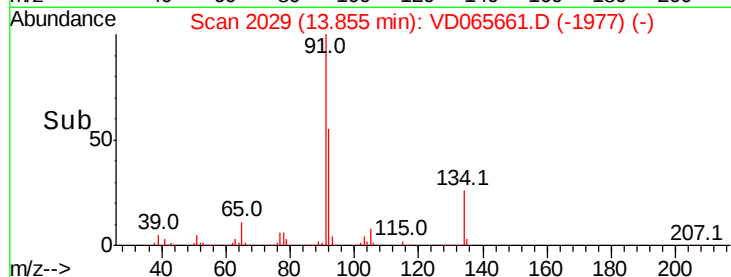
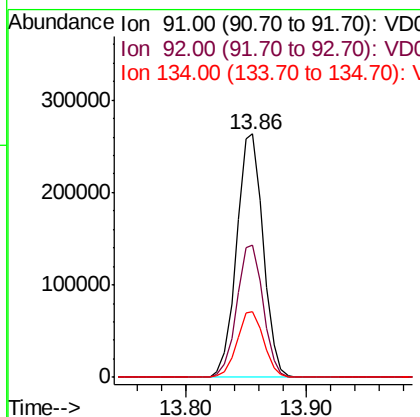
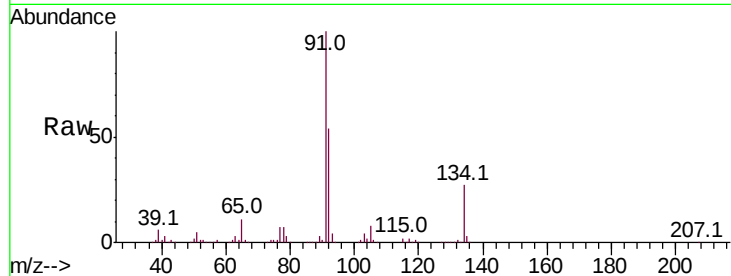
#89
n-Butylbenzene
Concen: 46.779 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	26.9	80.6	
134	27.1	13.6	40.8	

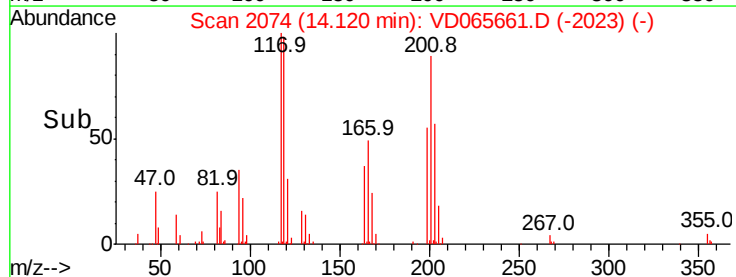
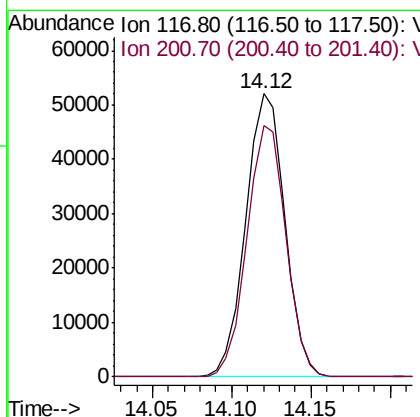
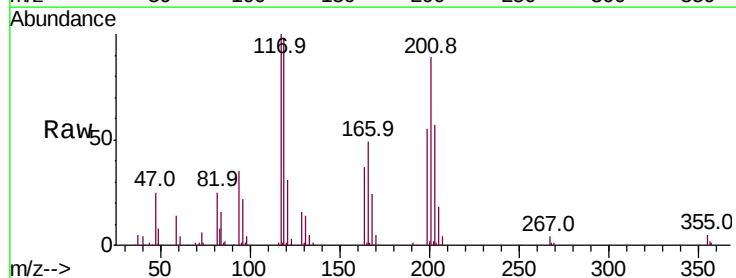
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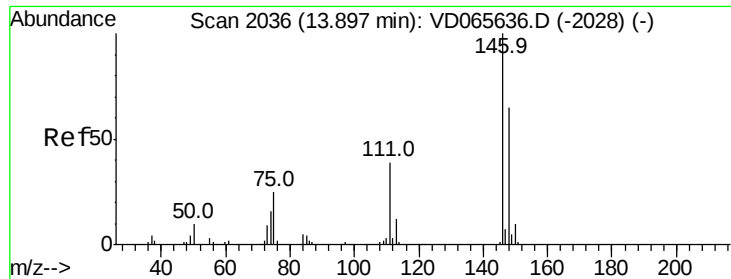
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#90
Hexachloroethane
Concen: 44.853 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.8	44.9	134.7	





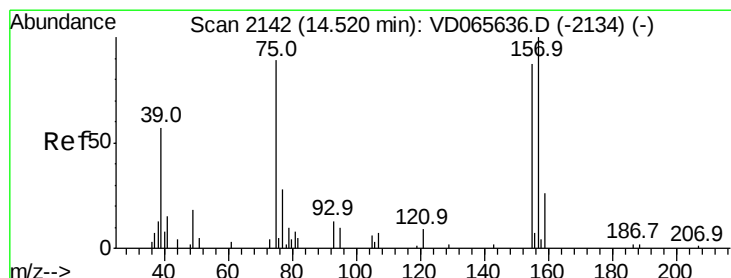
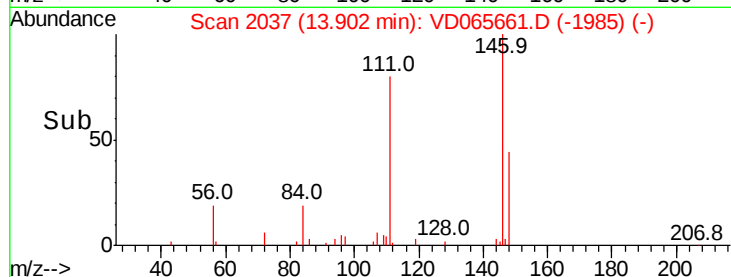
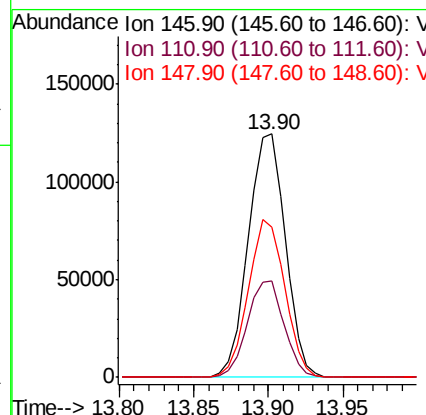
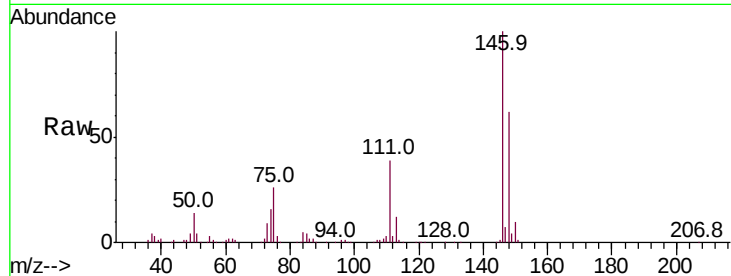
#91
1,2-Dichlorobenzene
Concen: 48.155 ug/l
RT: 13.90 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	63.7	32.0	96.0

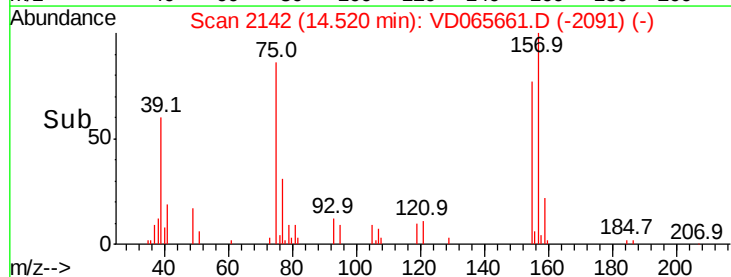
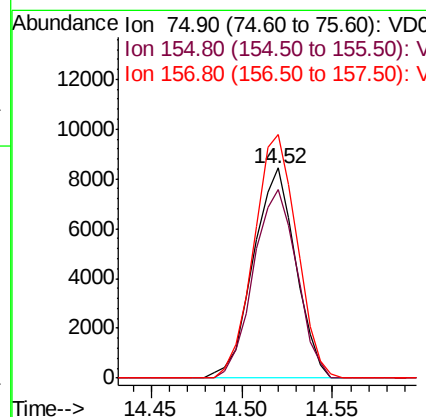
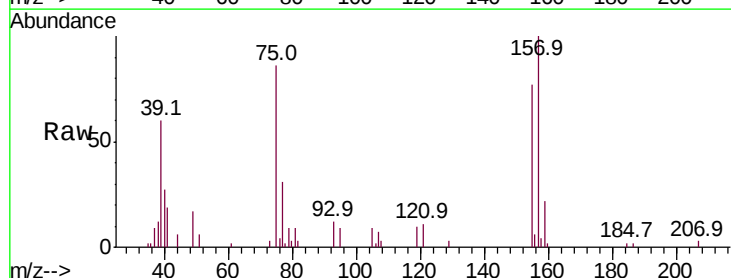
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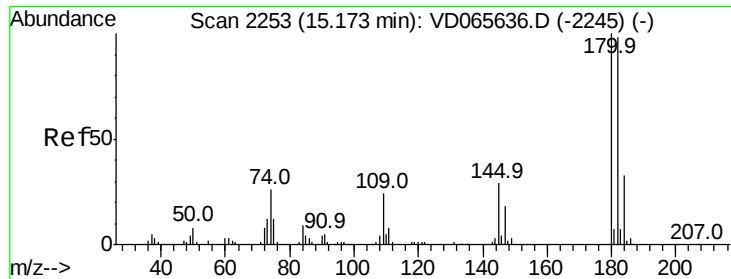
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#92
1,2-Dibromo-3-Chloropropane
Concen: 50.057 ug/l
RT: 14.52 min Scan# 2142
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	48.0	144.2
157	117.2	59.2	177.6





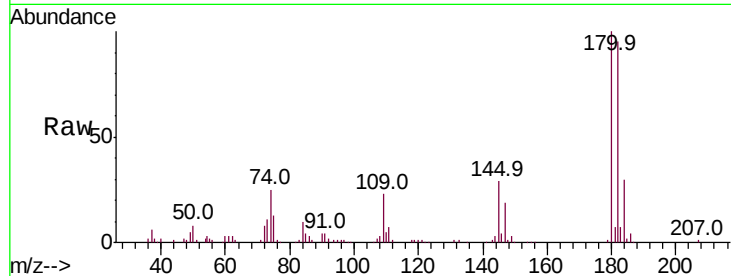
#93
 1,2,4-Trichlorobenzene
 Concen: 49.046 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

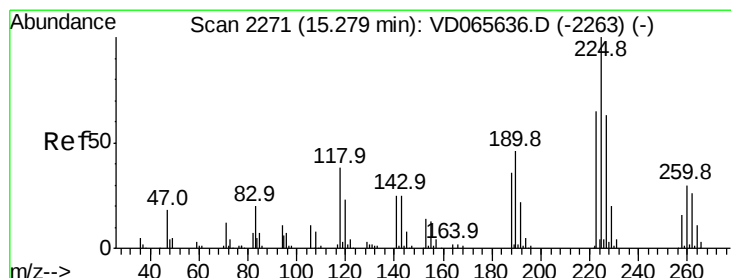
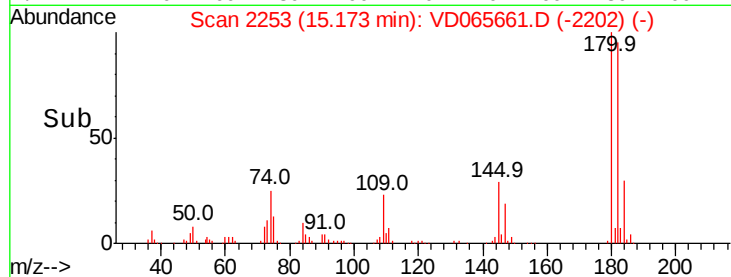
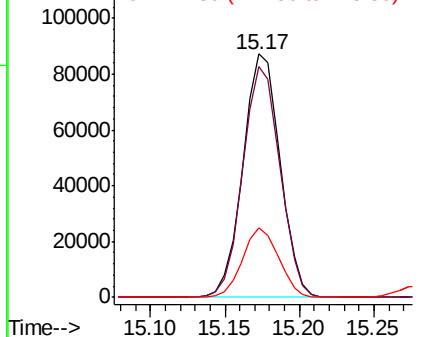
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	48.9	146.6	
145	27.9	13.8	41.3	

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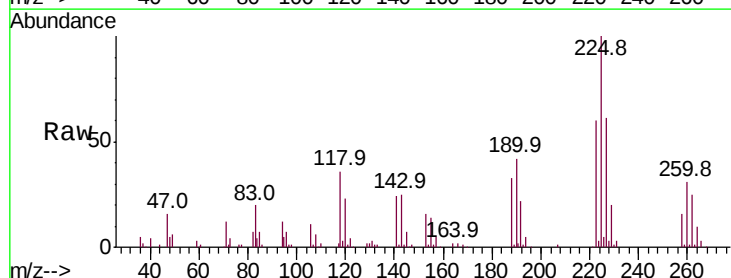


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

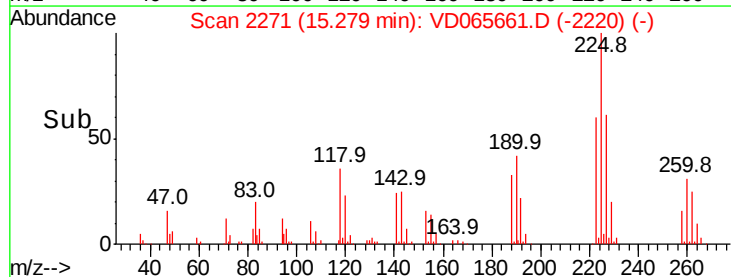
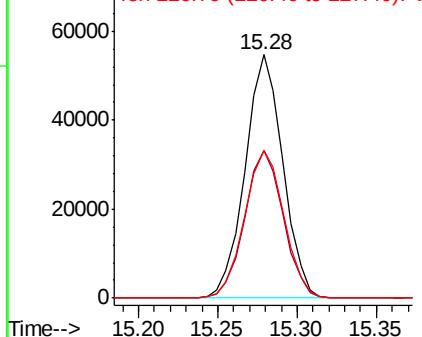


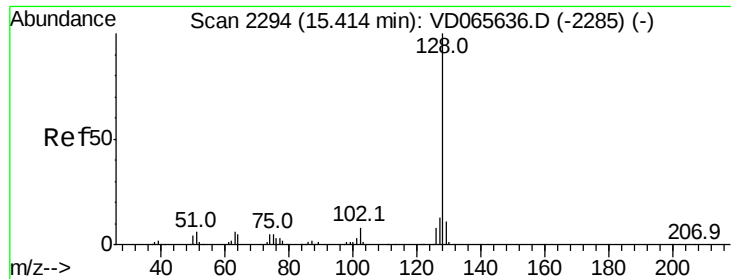
#94
 Hexachlorobutadiene
 Concen: 43.153 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065661.D
 Acq: 17 Apr 2020 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	31.9	95.5	
227	63.1	32.0	96.2	



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





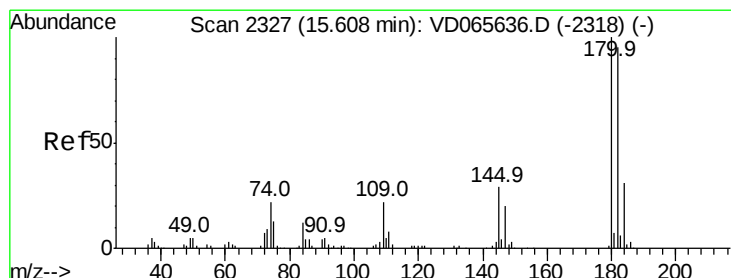
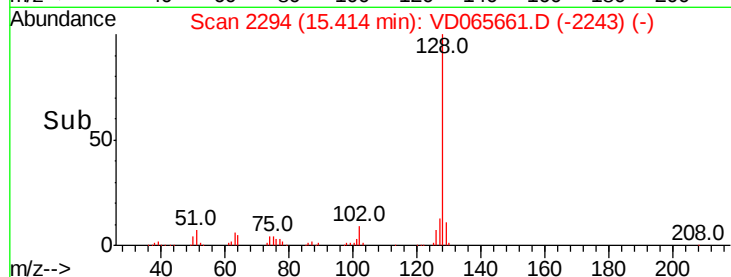
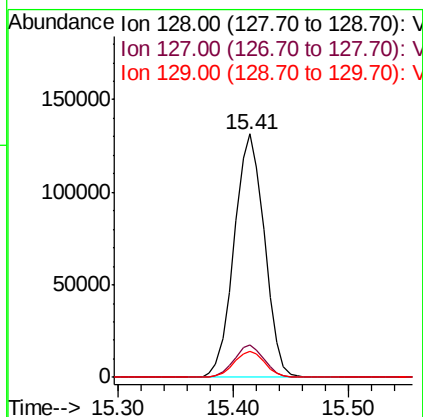
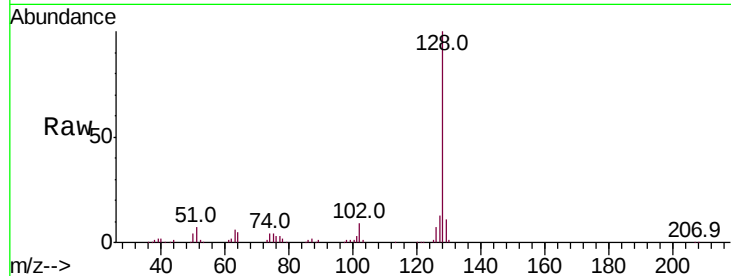
#95
Naphthalene
Concen: 45.806 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	238452
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.8	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 48.913 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065661.D
Acq: 17 Apr 2020 23:07

Tgt Ion:	180	Resp:	132175
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.8	143.3
145	30.3	15.0	45.0

