

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066534.D
 Acq On : 02 Sep 2020 20:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 03:44:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	147237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	204450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	192511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	104631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	93172	58.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.68%	
35) Dibromofluoromethane	7.91	113	68278	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
50) Toluene-d8	10.34	98	251825	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.63	95	91355	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	55666	44.318	ug/l	90
3) Chloromethane	2.21	50	35817	47.432	ug/l	95
4) Vinyl Chloride	2.35	62	44034	47.819	ug/l	90
5) Bromomethane	2.76	94	38181	50.732	ug/l	96
6) Chloroethane	2.92	64	30639	49.455	ug/l	95
7) Trichlorofluoromethane	3.27	101	136125	48.495	ug/l	100
8) Diethyl Ether	3.71	74	27579	52.422	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	54827	46.902	ug/l	98
10) Methyl Iodide	4.30	142	64685	49.904	ug/l	99
11) Tert butyl alcohol	5.23	59	24477	287.705	ug/l #	76
12) 1,1-Dichloroethene	4.07	96	55202	50.250	ug/l	96
13) Acrolein	3.93	56	11910	231.565	ug/l	98
14) Allyl chloride	4.71	41	63702	51.877	ug/l	96
15) Acrylonitrile	5.42	53	52311	277.274	ug/l	96
16) Acetone	4.16	43	56418	240.918	ug/l #	87
17) Carbon Disulfide	4.41	76	155196	48.887	ug/l	97
18) Methyl Acetate	4.71	43	21486	57.142	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	160730	56.075	ug/l	99
20) Methylene Chloride	4.96	84	65785	56.646	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	65182	51.875	ug/l	95
22) Diisopropyl ether	6.36	45	126938	51.579	ug/l	92
23) Vinyl Acetate	6.30	43	431611	272.790	ug/l	99
24) 1,1-Dichloroethane	6.27	63	100801	52.150	ug/l	98
25) 2-Butanone	7.21	43	63208	260.779	ug/l	96
26) 2,2-Dichloropropane	7.21	77	119524	48.802	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	70825	51.977	ug/l	97
28) Bromochloromethane	7.54	49	30806	55.090	ug/l	95
29) Tetrahydrofuran	7.56	42	33750	270.867	ug/l	93
30) Chloroform	7.70	83	132423	53.058	ug/l	99
31) Cyclohexane	7.98	56	68923	46.265	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	142019	51.093	ug/l	99
36) 1,1-Dichloropropene	8.11	75	87055	48.574	ug/l	98
37) Ethyl Acetate	7.28	43	26979	50.149	ug/l #	83
38) Carbon Tetrachloride	8.10	117	137988	50.541	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	95978	45.837	ug/l	99
40) Benzene	8.35	78	239935	51.898	ug/l	97
41) Methacrylonitrile	7.52	41	14639	52.301	ug/l #	90
42) 1,2-Dichloroethane	8.42	62	109194	55.830	ug/l	100
43) Isopropyl Acetate	8.44	43	61206	54.311	ug/l	97
44) Trichloroethene	9.11	130	81254	50.920	ug/l	93
45) 1,2-Dichloropropane	9.38	63	45649	49.764	ug/l	100
46) Dibromomethane	9.47	93	35326	52.603	ug/l	95
47) Bromodichloromethane	9.66	83	107104	53.660	ug/l	97
48) Methyl methacrylate	9.46	41	31076	54.110	ug/l	98
49) 1,4-Dioxane	9.46	88	8184	1052.814	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	144416	278.689	ug/l	98
52) Toluene	10.40	92	170008	51.698	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	97834	53.649	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	99599	51.844	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	44307	52.212	ug/l	96
56) Ethyl methacrylate	10.66	69	54176	54.247	ug/l	92
57) 1,3-Dichloropropane	10.94	76	75785	54.078	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	100866	258.735	ug/l	99
59) 2-Hexanone	10.98	43	102019	272.593	ug/l	97
60) Dibromochloromethane	11.14	129	77567	55.277	ug/l	97
61) 1,2-Dibromoethane	11.24	107	45791	52.938	ug/l	97
64) Tetrachloroethene	10.87	164	74646	49.733	ug/l	95
65) Chlorobenzene	11.67	112	195560	51.633	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	83335	52.003	ug/l	98
67) Ethyl Benzene	11.74	91	336353	50.414	ug/l	94
68) m/p-Xylenes	11.85	106	268265	103.923	ug/l	98
69) o-Xylene	12.18	106	122332	50.030	ug/l	99
70) Styrene	12.20	104	216134	51.629	ug/l	100
71) Bromoform	12.36	173	47850	54.439	ug/l #	92
73) Isopropylbenzene	12.48	105	339584	48.571	ug/l	99
74) N-amyl acetate	12.29	43	56850	53.927	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	43364	52.488	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	67368	102.352	ug/l #	1
77) Bromobenzene	12.76	156	91155	51.378	ug/l	98
78) n-propylbenzene	12.82	91	372678	48.917	ug/l	99
79) 2-Chlorotoluene	12.91	91	223262	50.648	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	306519	50.427	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15678	53.044	ug/l	97
82) 4-Chlorotoluene	13.01	91	238471	50.366	ug/l	99
83) tert-Butylbenzene	13.23	119	259879	48.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	306338	50.390	ug/l	97
85) sec-Butylbenzene	13.40	105	321100	47.541	ug/l	100
86) p-Isopropyltoluene	13.52	119	327152	48.461	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	167437	50.884	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	164443	49.400	ug/l	98
89) n-Butylbenzene	13.85	91	270051	47.758	ug/l	98
90) Hexachloroethane	14.11	117	58603	48.374	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	145817	50.947	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11833	54.158	ug/l	93

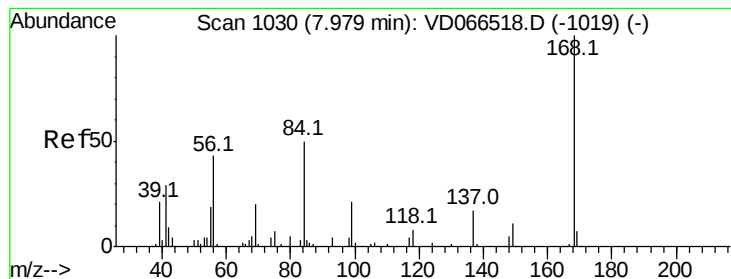
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114238	50.569	ug/l	97
94) Hexachlorobutadiene	15.27	225	68551	46.811	ug/l	97
95) Naphthalene	15.41	128	187115	53.285	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	99333	50.888	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

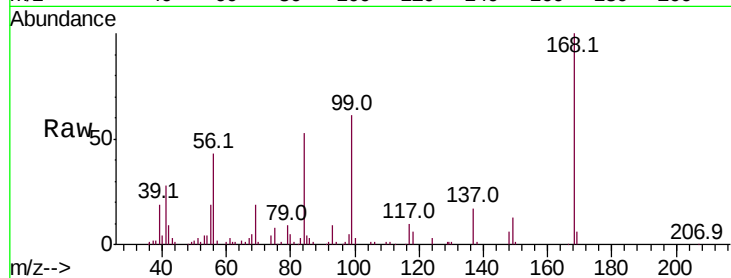
VSTDCCC050EC

Tot Ion:168 Resp: 147237

Ion Ratio Lower Upper

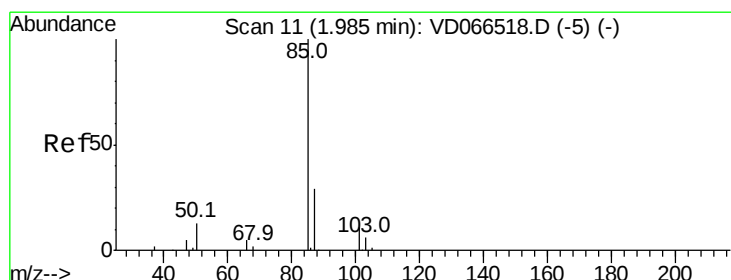
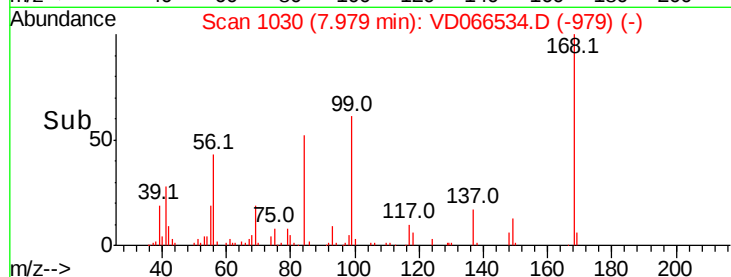
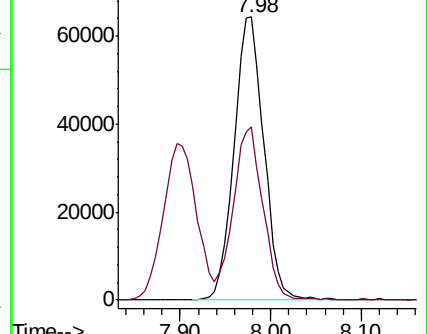
168 100

99 61.3 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.318 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066534.D

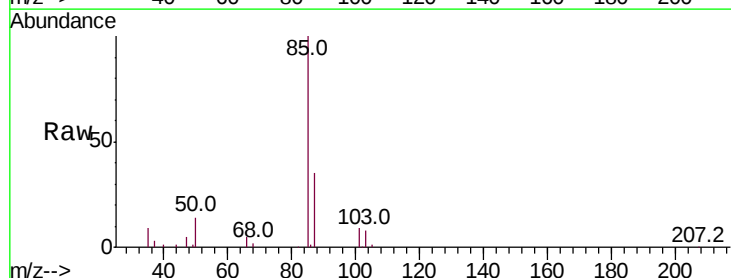
Acq: 02 Sep 2020 20:27

Tgt Ion: 85 Resp: 55666

Ion Ratio Lower Upper

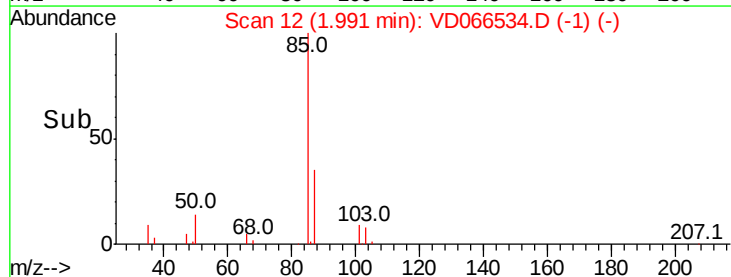
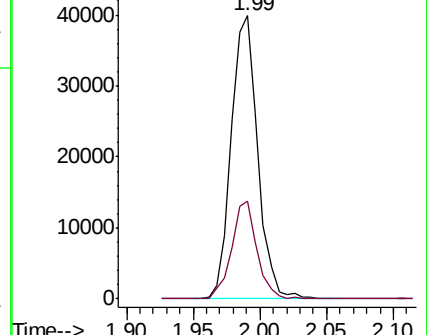
85 100

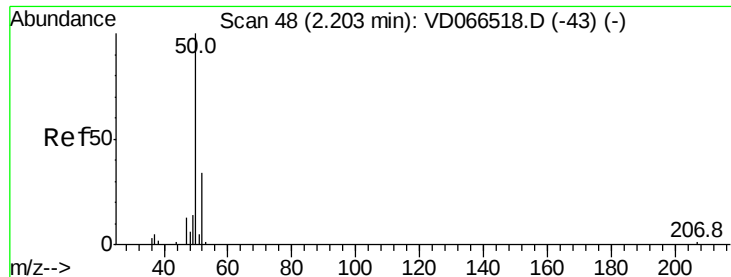
87 34.6 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.432 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

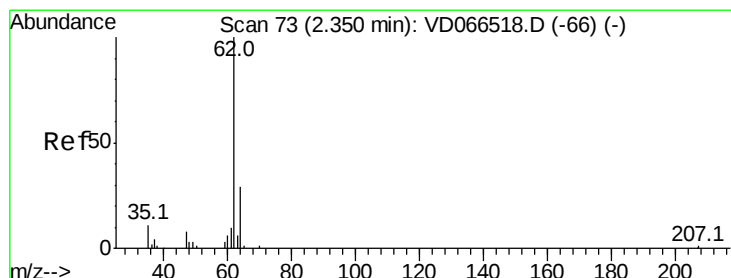
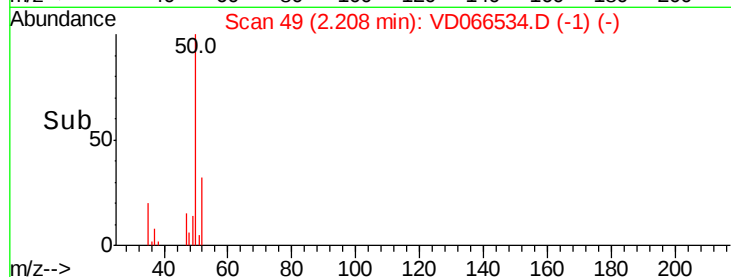
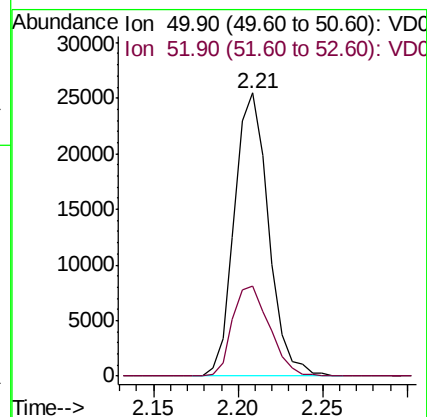
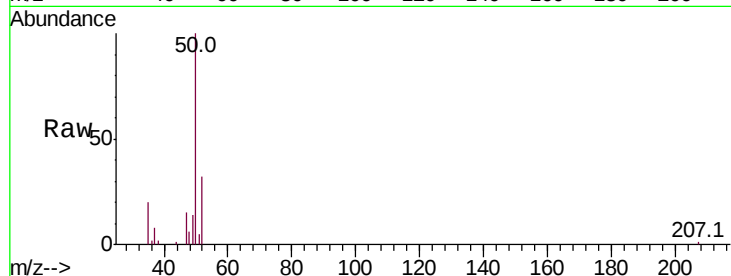
VSTDCCC050EC

Tot Ion: 50 Resp: 35817

Ion Ratio Lower Upper

50 100

52 31.9 27.6 41.4



#4

Vinyl Chloride

Concen: 47.819 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066534.D

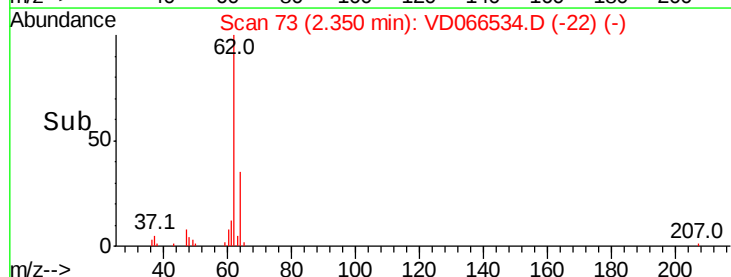
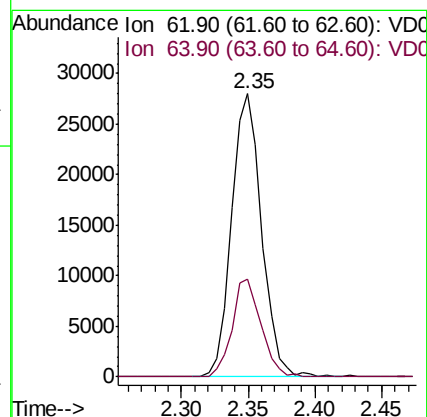
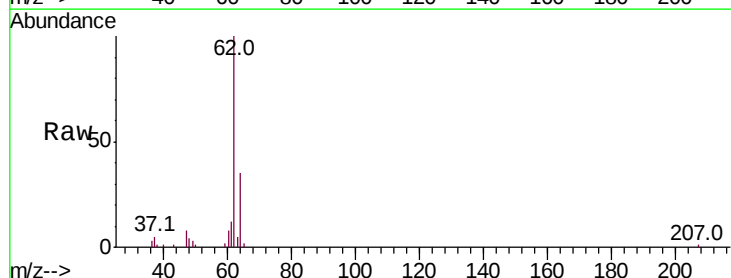
Acq: 02 Sep 2020 20:27

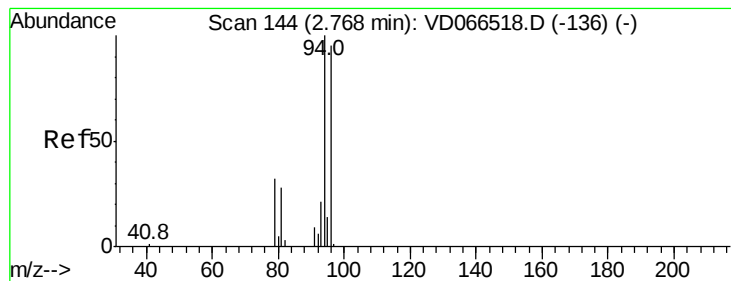
Tgt Ion: 62 Resp: 44034

Ion Ratio Lower Upper

62 100

64 34.6 23.4 35.2





#5

Bromomethane

Concen: 50.732 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

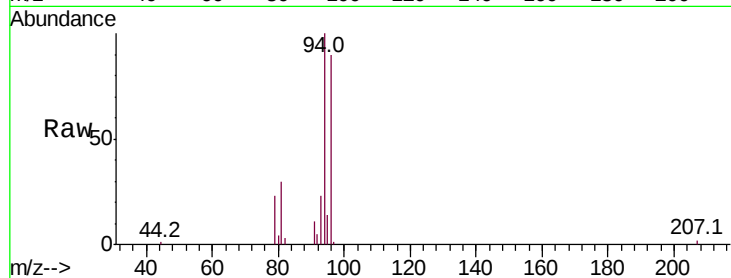
VSTDCCC050EC

Tot Ion: 94 Resp: 38181

Ion Ratio Lower Upper

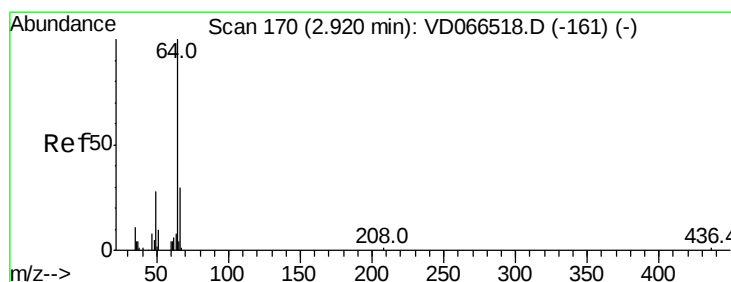
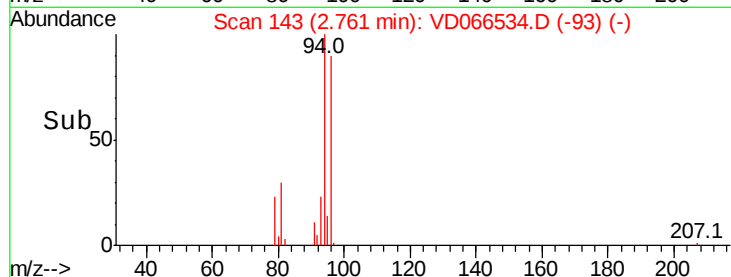
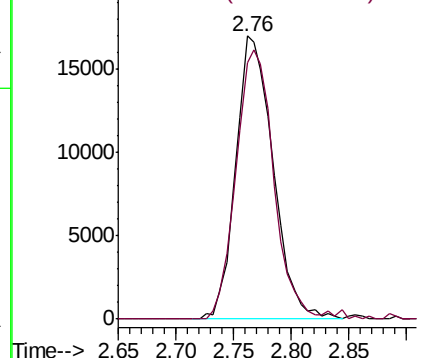
94 100

96 90.5 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.455 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066534.D

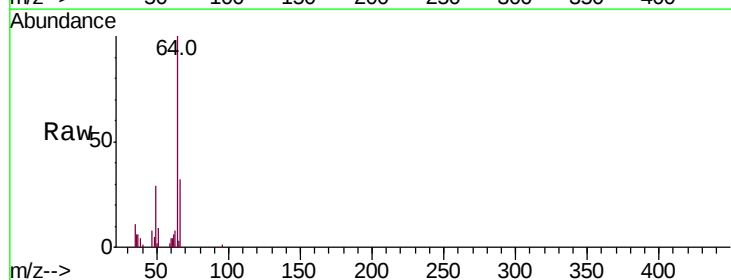
Acq: 02 Sep 2020 20:27

Tgt Ion: 64 Resp: 30639

Ion Ratio Lower Upper

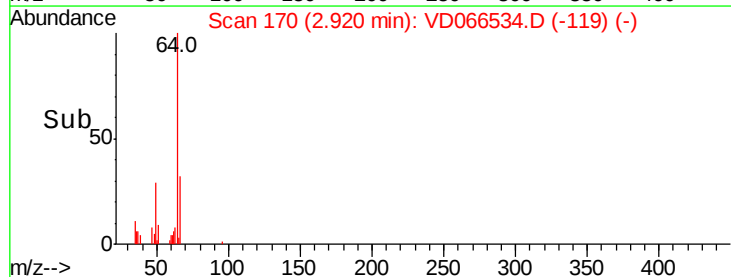
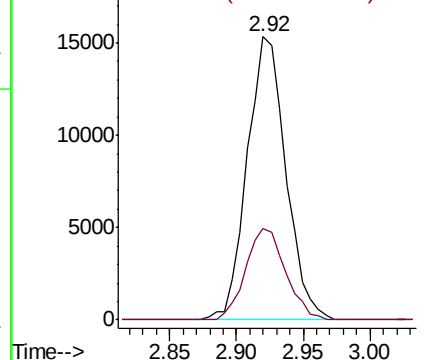
64 100

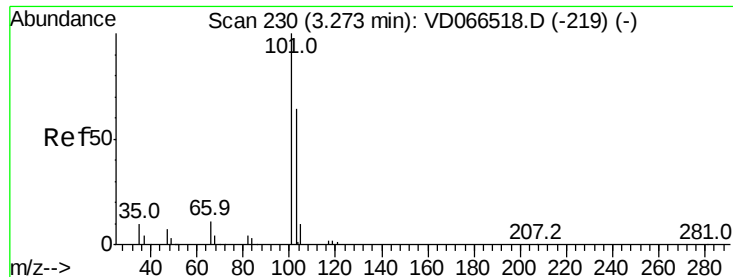
66 32.3 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



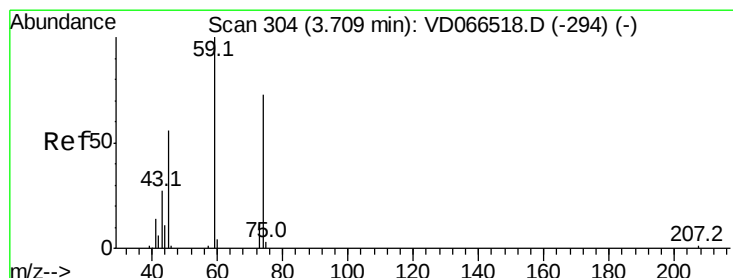
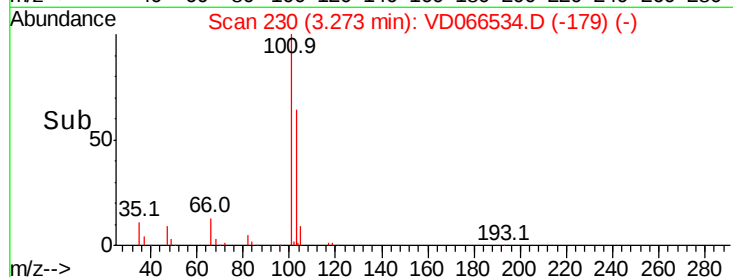
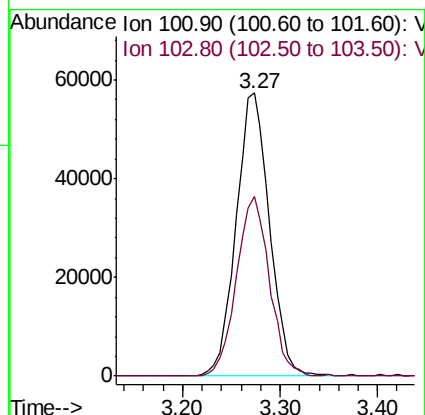
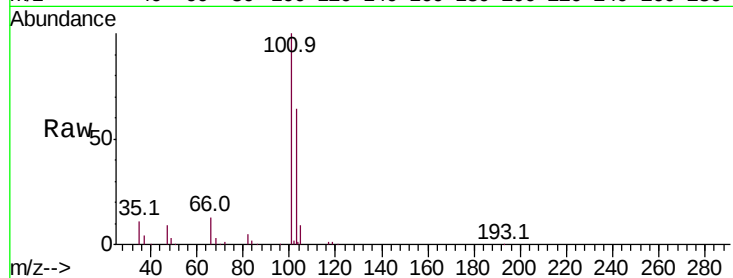


#7

Trichlorofluoromethane
 Concen: 48.495 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

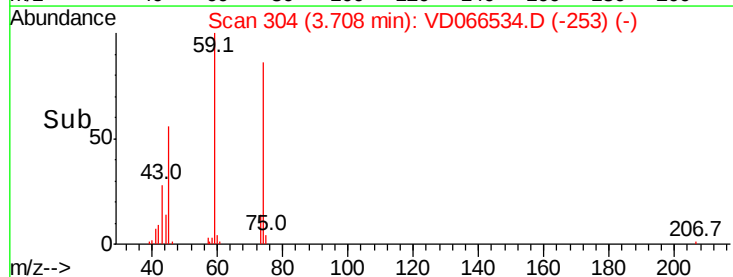
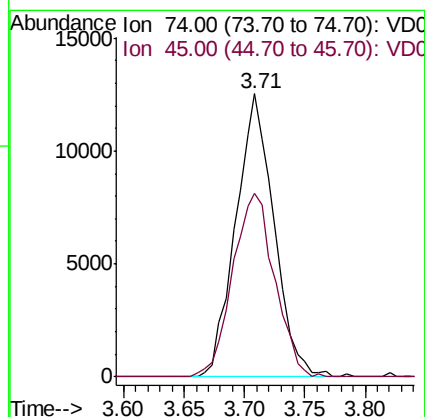
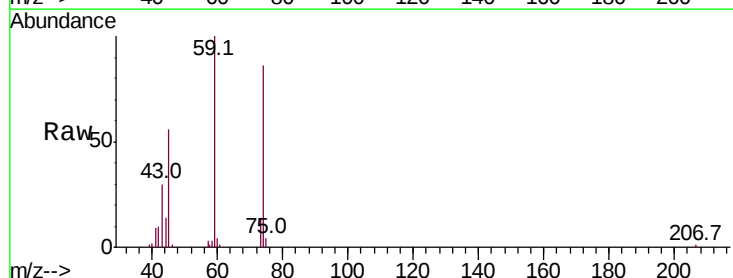
Tot Ion:101 Resp: 136125
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3

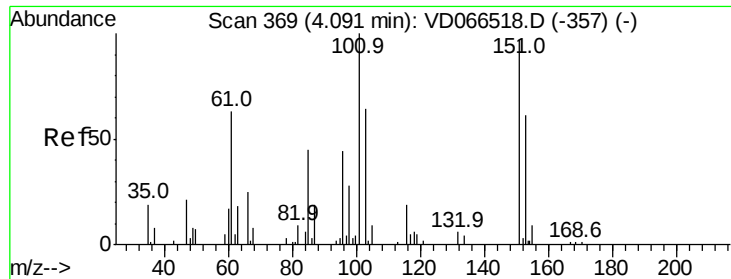


#8

Diethyl Ether
 Concen: 52.422 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion: 74 Resp: 27579
 Ion Ratio Lower Upper
 74 100
 45 71.0 38.6 115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.902 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

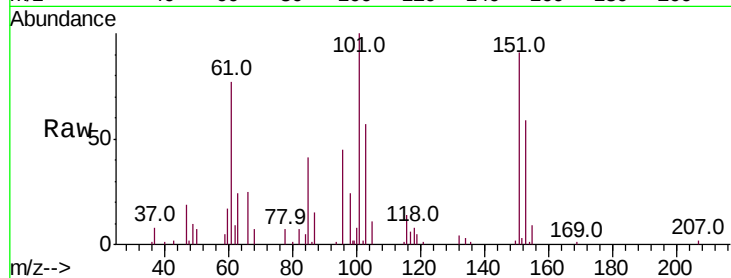
Tot Ion:101 Resp: 54827

Ion Ratio Lower Upper

101 100

85 49.0 39.4 59.0

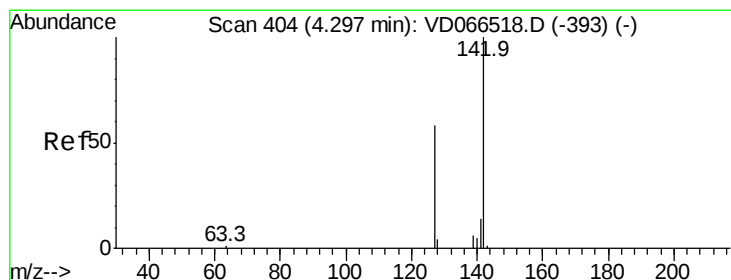
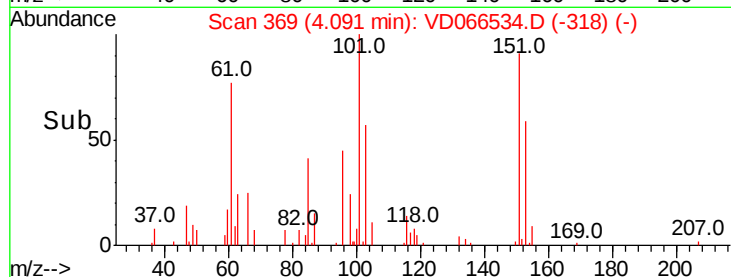
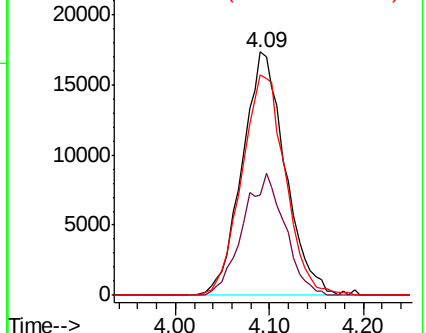
151 92.2 75.5 113.3



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: 49.904 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

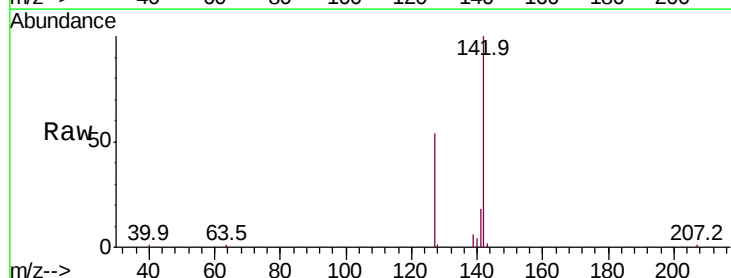
Tgt Ion:142 Resp: 64685

Ion Ratio Lower Upper

142 100

127 58.9 46.3 69.5

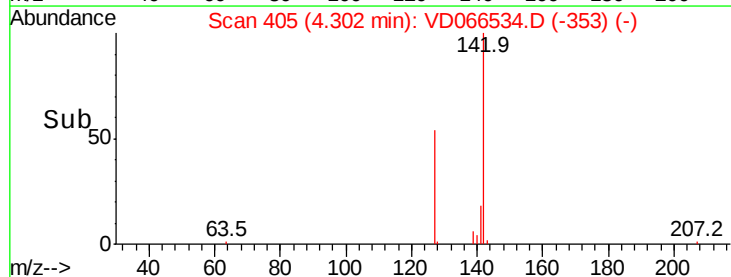
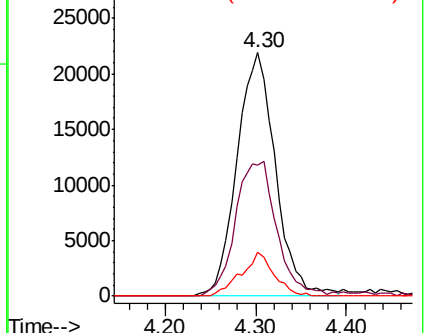
141 15.3 12.4 18.6

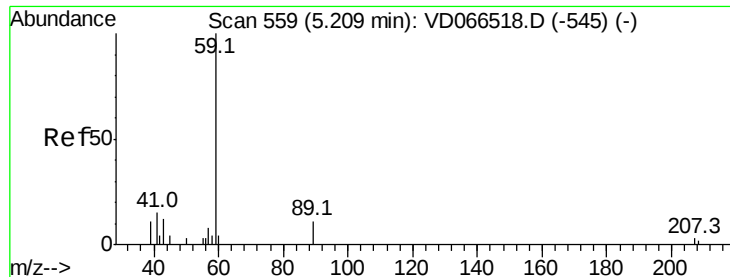


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



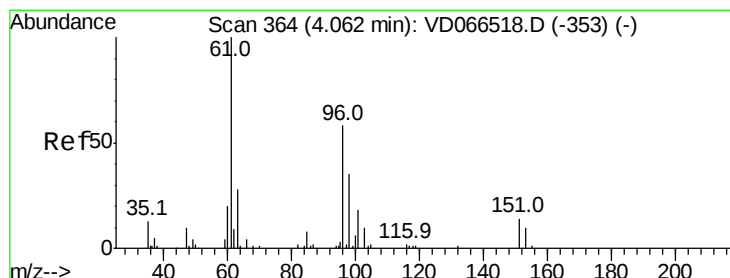
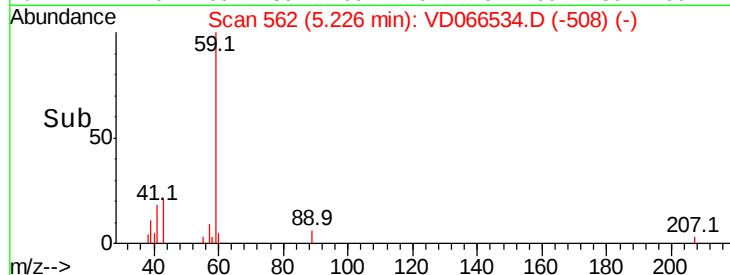
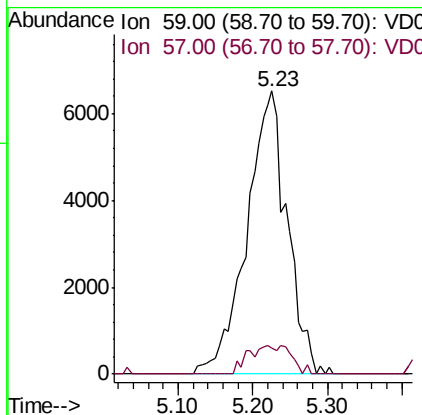
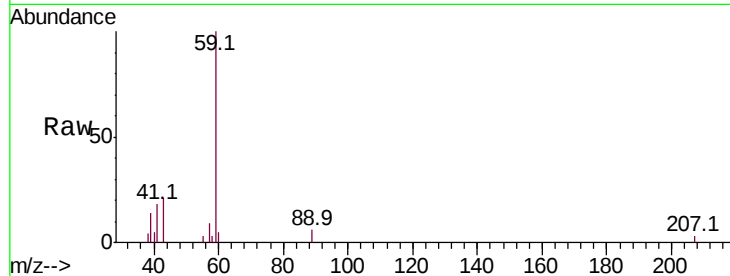


#11

Tert butyl alcohol
 Concen: 287.705 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. 0.02 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

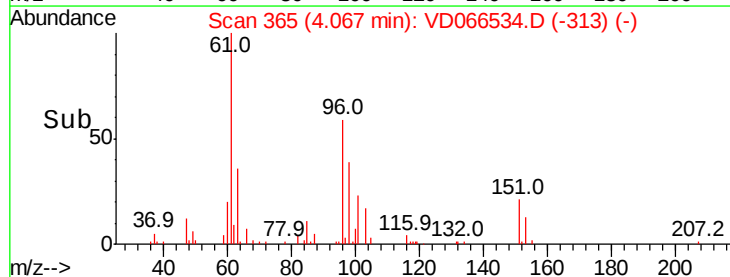
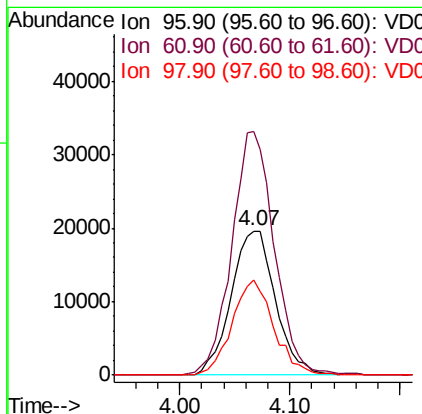
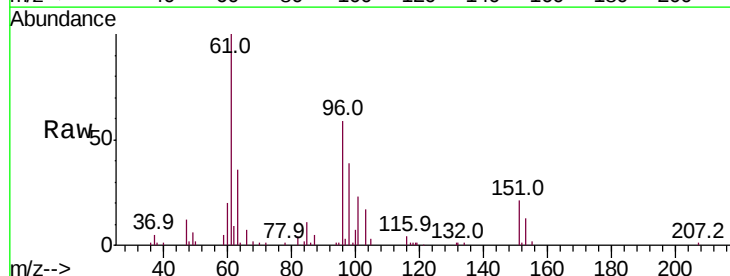
Tot Ion: 59 Resp: 24477
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.8 10.2#

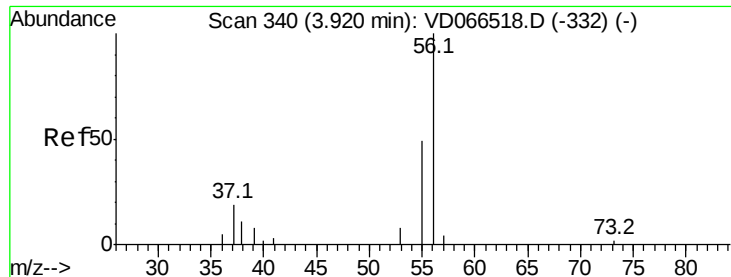


#12

1,1-Dichloroethene
 Concen: 50.250 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion: 96 Resp: 55202
 Ion Ratio Lower Upper
 96 100
 61 167.6 137.5 206.3
 98 65.6 47.8 71.6





#13

Acrolein

Concen: 231.565 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

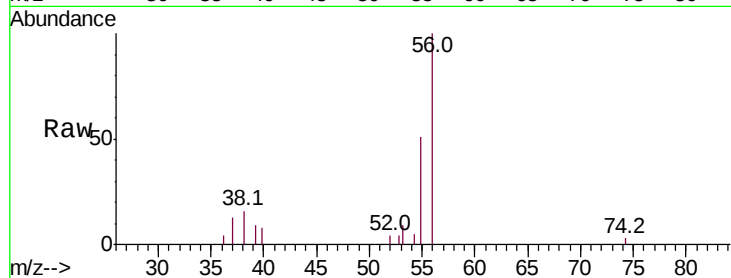
VSTDCCC050EC

Tot Ion: 56 Resp: 11910

Ion Ratio Lower Upper

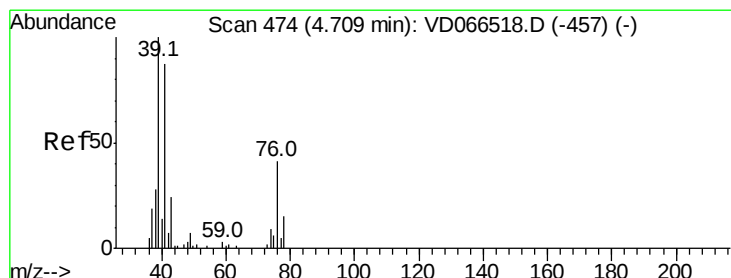
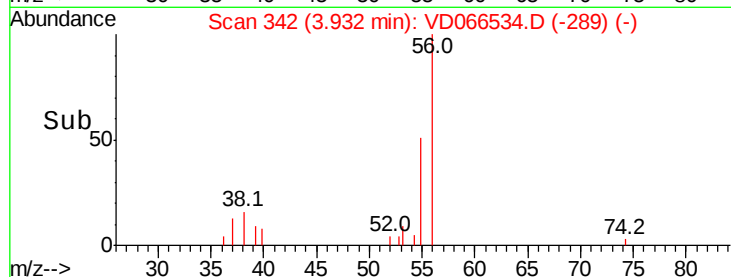
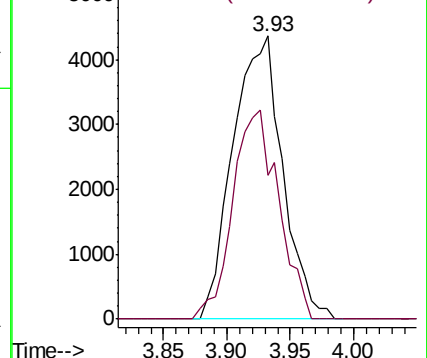
56 100

55 67.6 53.0 79.4



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.877 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

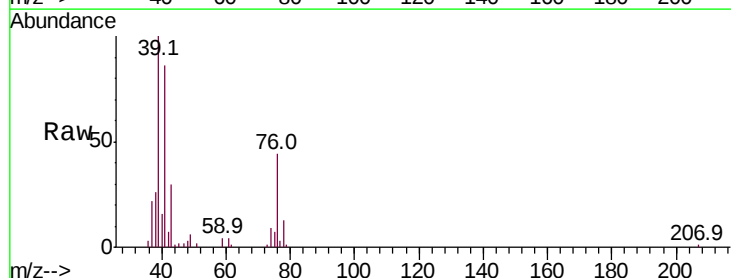
Tgt Ion: 41 Resp: 63702

Ion Ratio Lower Upper

41 100

39 122.2 93.8 140.8

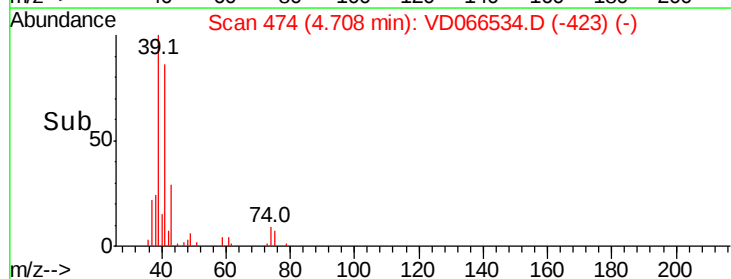
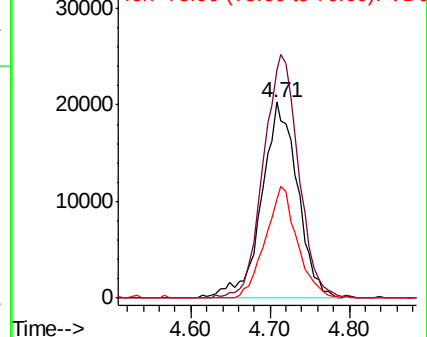
76 50.8 39.4 59.0

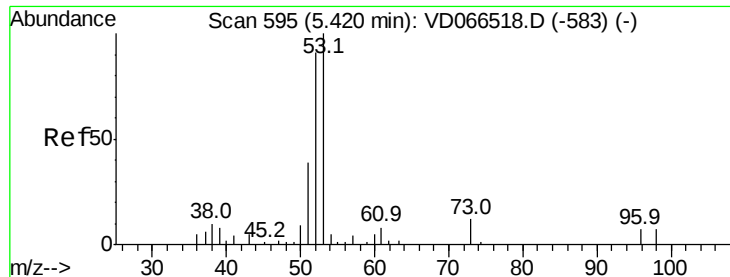


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 277.274 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

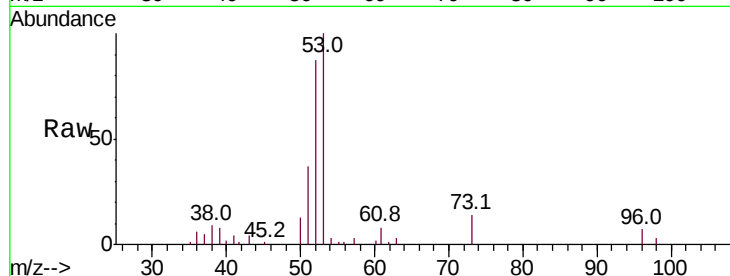
Tot Ion: 53 Resp: 52311

Ion Ratio Lower Upper

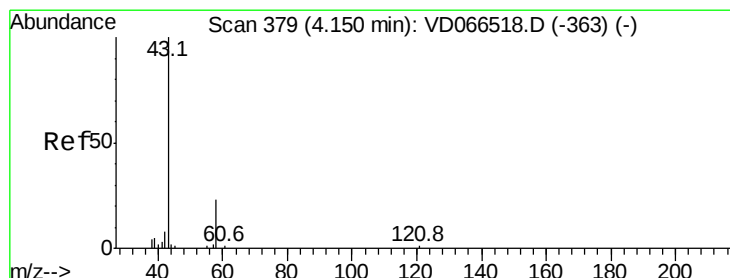
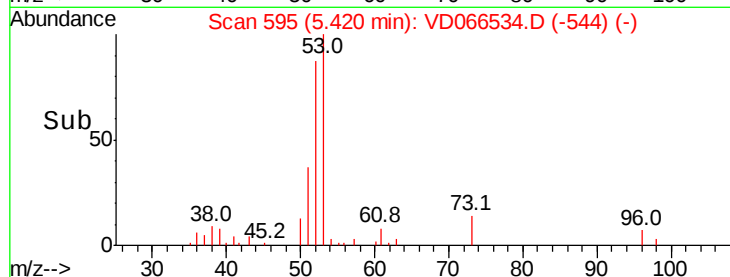
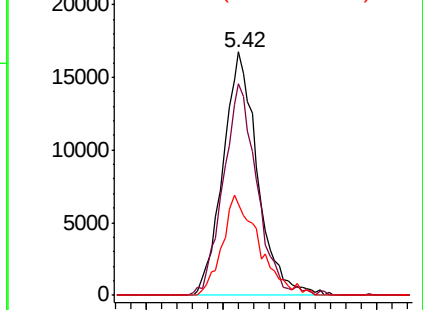
53 100

52 83.5 71.0 106.4

51 43.6 35.8 53.6



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 240.918 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066534.D

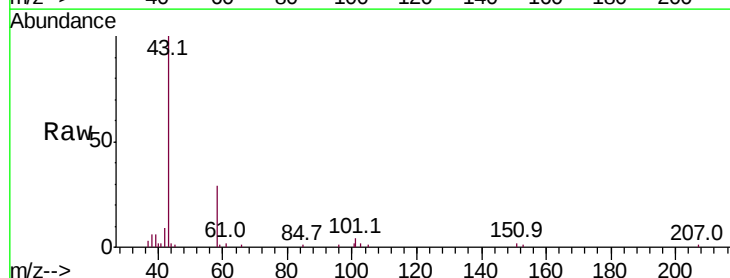
Acq: 02 Sep 2020 20:27

Tgt Ion: 43 Resp: 56418

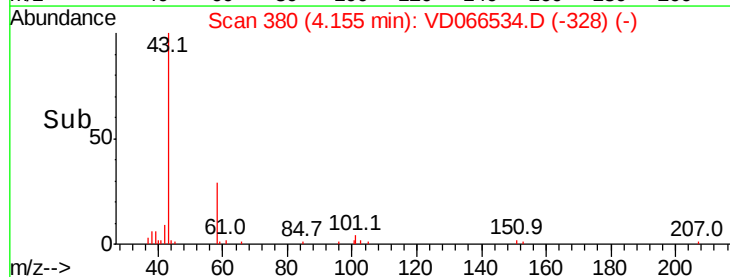
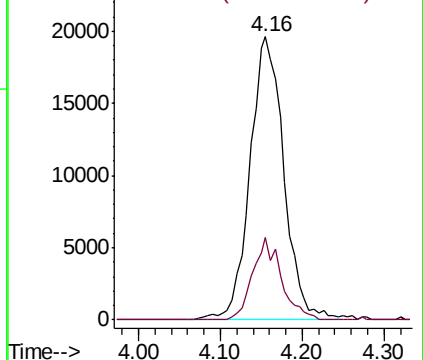
Ion Ratio Lower Upper

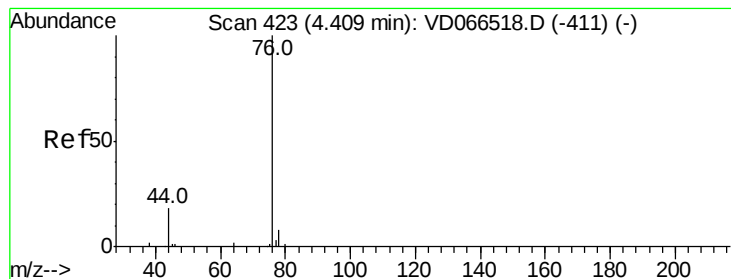
43 100

58 29.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 48.887 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

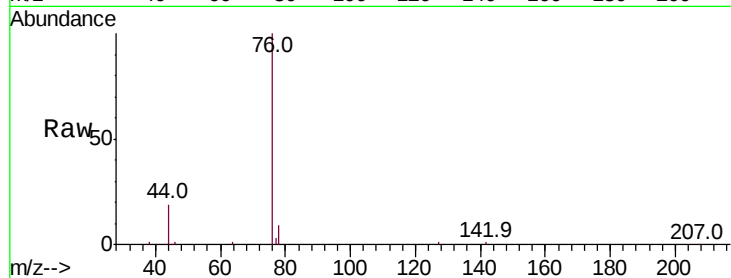
VSTDCCC050EC

Tot Ion: 76 Resp: 155196

Ion Ratio Lower Upper

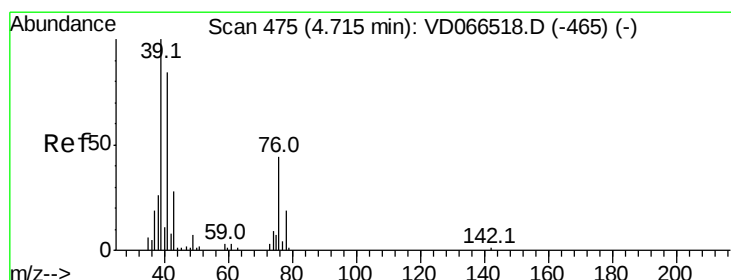
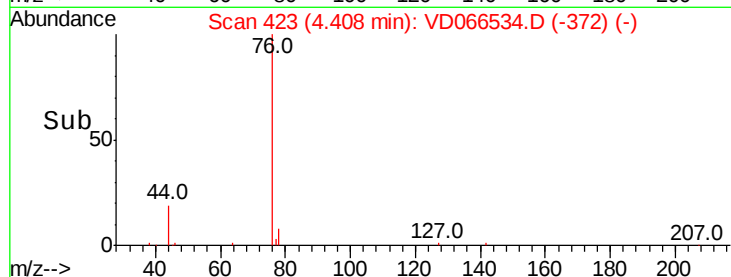
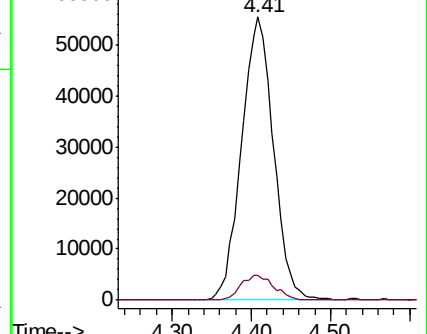
76 100

78 8.8 6.2 9.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 57.142 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066534.D

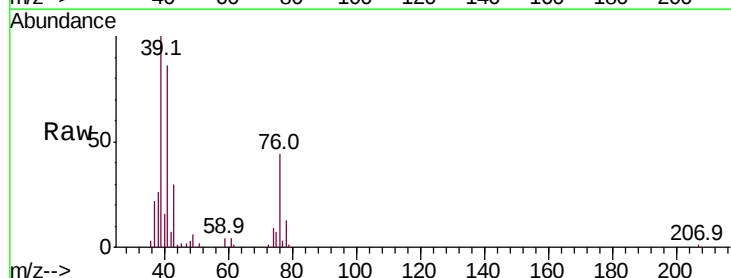
Acq: 02 Sep 2020 20:27

Tgt Ion: 43 Resp: 21486

Ion Ratio Lower Upper

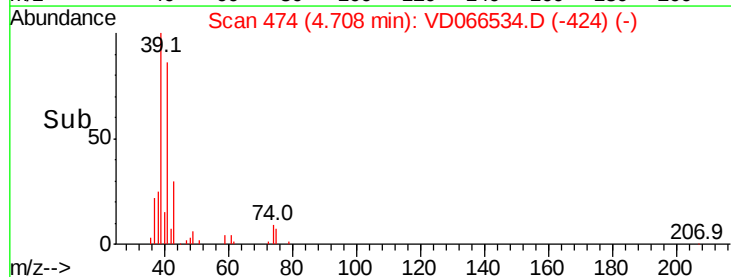
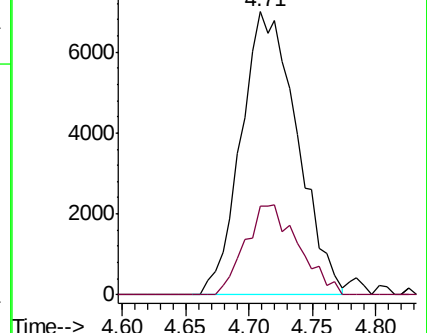
43 100

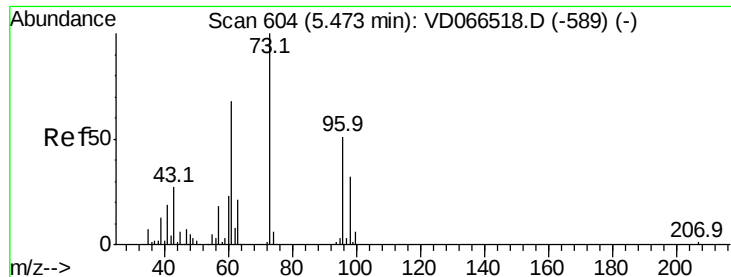
74 30.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

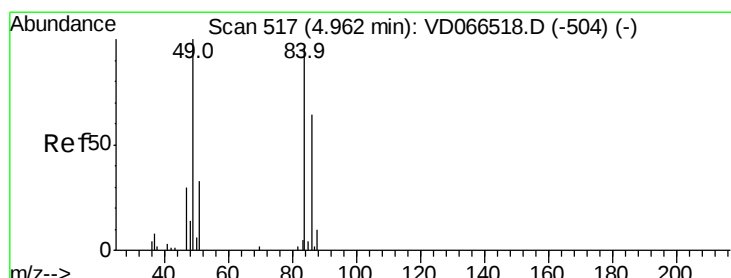
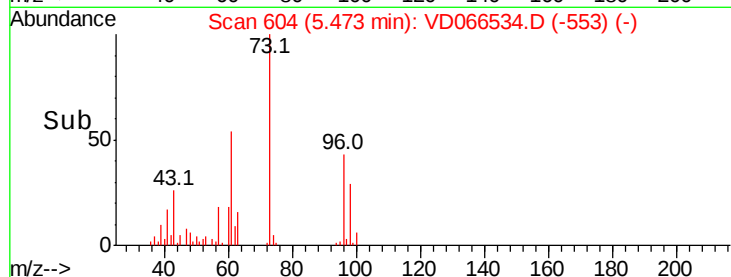
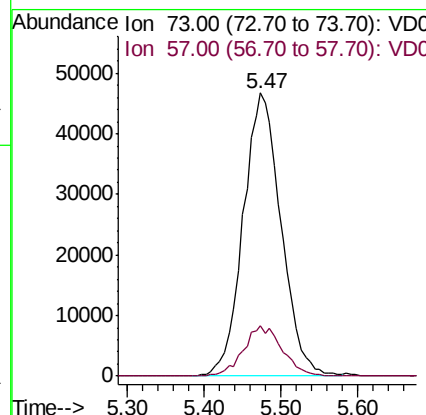
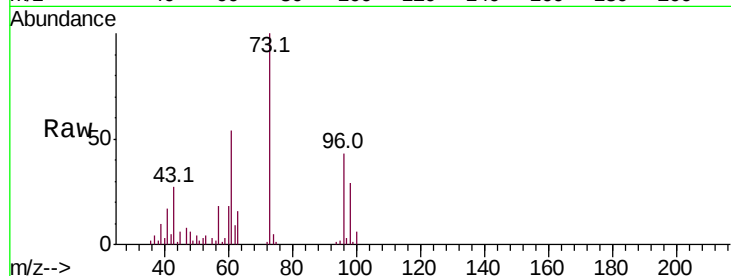




#19
Methvl tert-butvl Ether
Concen: 56.075 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

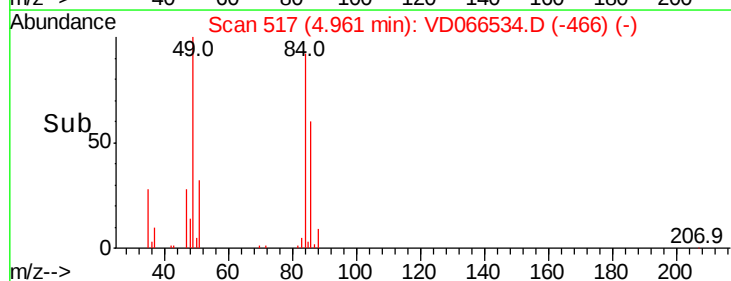
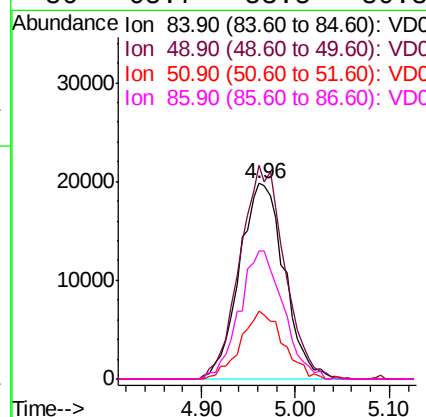
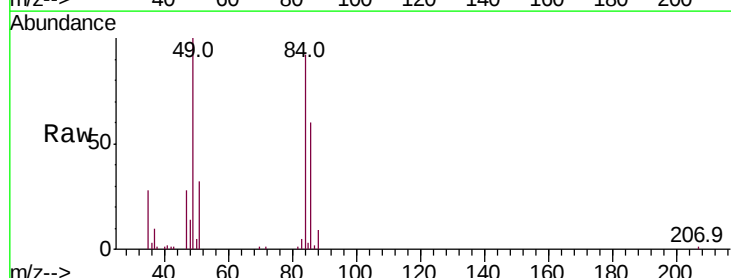
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

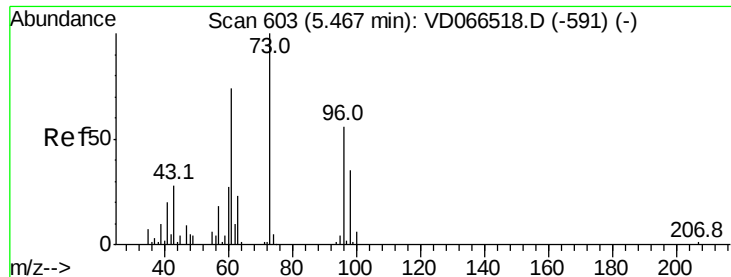
Tot Ion: 73 Resp: 160730
Ion Ratio Lower Upper
73 100
57 17.8 14.6 22.0



#20
Methylene Chloride
Concen: 56.646 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 84 Resp: 65785
Ion Ratio Lower Upper
84 100
49 109.2 83.5 125.3
51 34.7 27.8 41.8
86 65.7 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 51.875 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

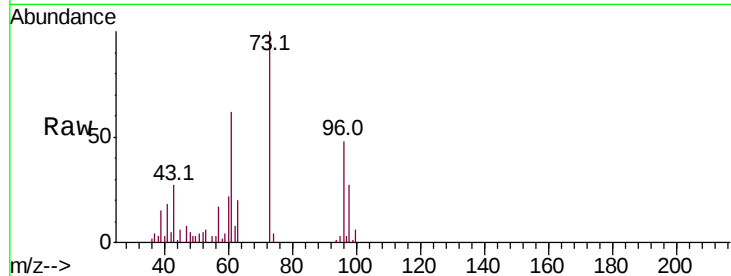
Tot Ion: 96 Resp: 65182

Ion Ratio Lower Upper

96 100

61 128.7 106.6 160.0

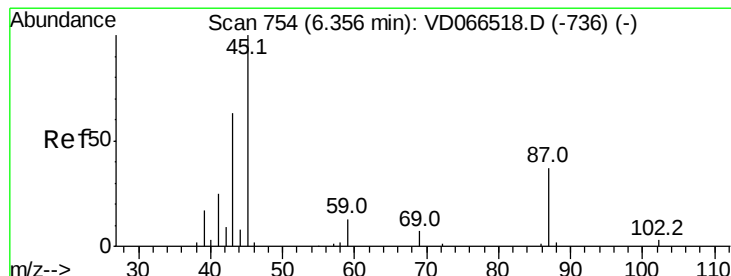
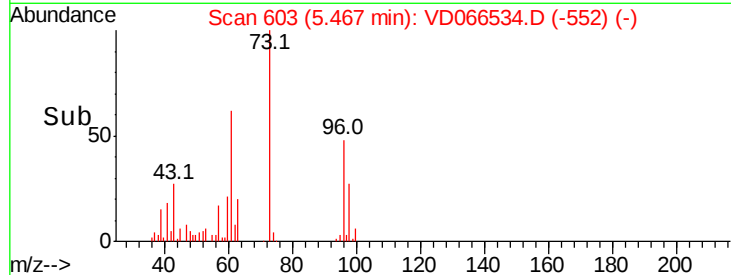
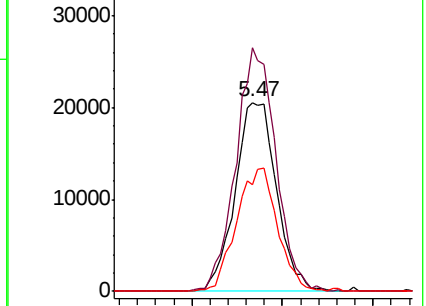
98 56.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 51.579 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Tgt Ion: 45 Resp: 126938

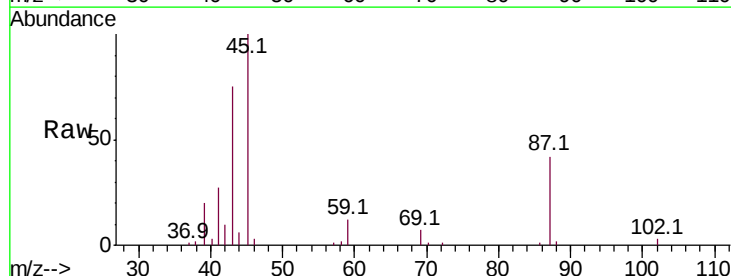
Ion Ratio Lower Upper

45 100

43 74.3 53.4 80.0

87 42.3 30.2 45.4

59 12.5 11.1 16.7

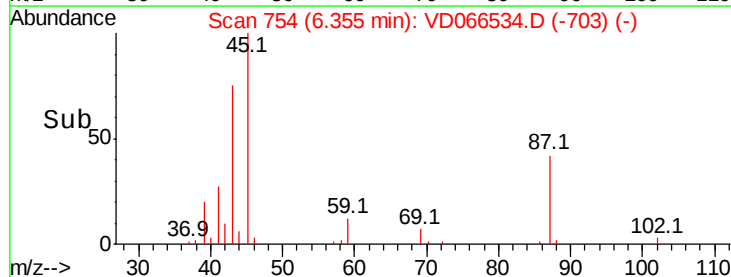
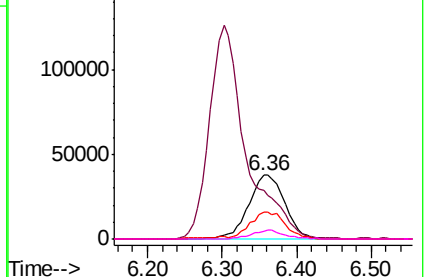


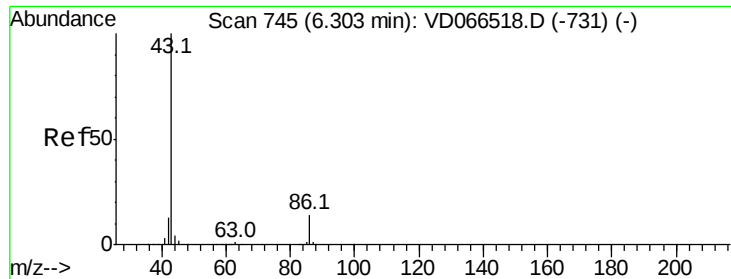
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 272.790 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

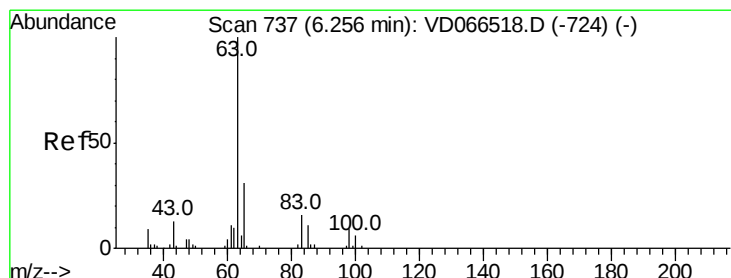
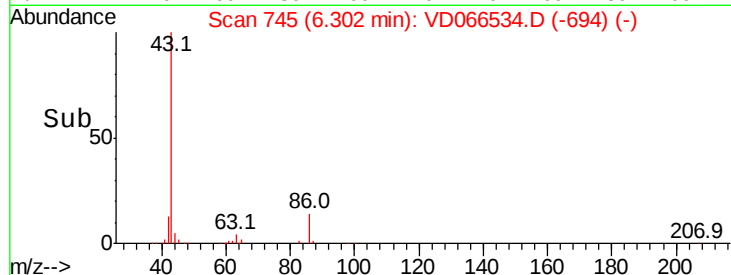
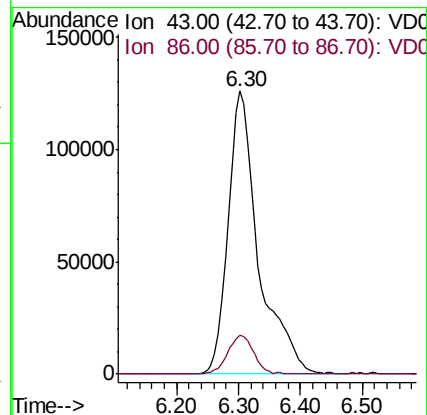
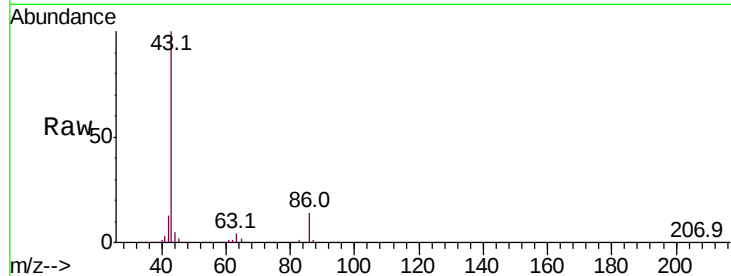
VSTDCCC050EC

Tot Ion: 43 Resp: 431611

Ion Ratio Lower Upper

43 100

86 13.9 11.3 16.9



#24

1,1-Dichloroethane

Concen: 52.150 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

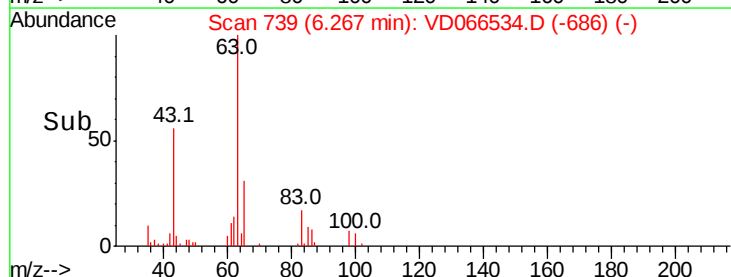
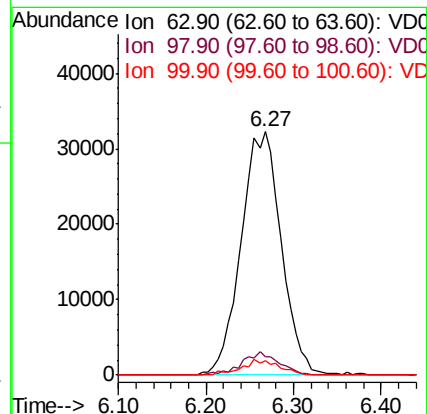
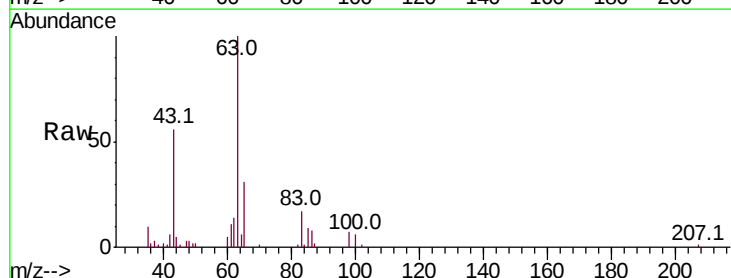
Tgt Ion: 63 Resp: 100801

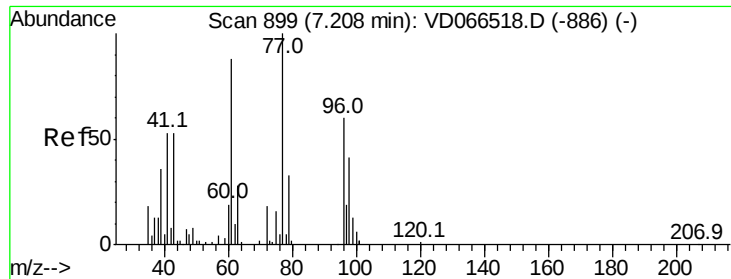
Ion Ratio Lower Upper

63 100

98 7.3 4.3 13.1

100 5.7 2.9 8.7

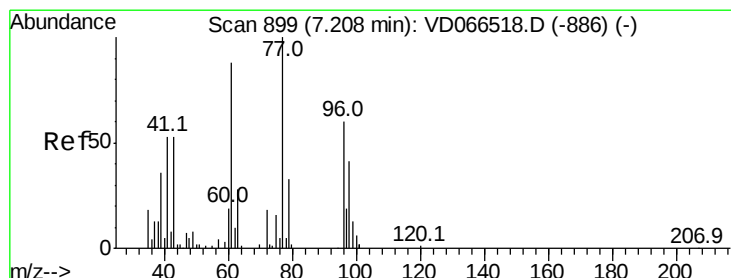
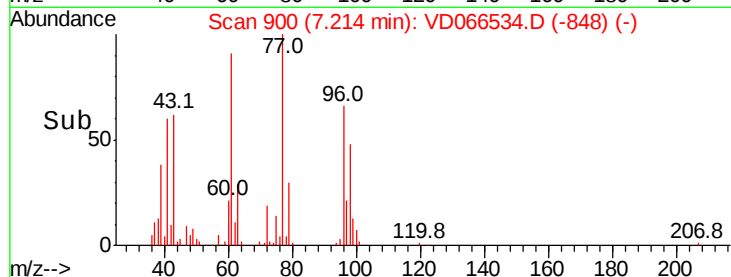
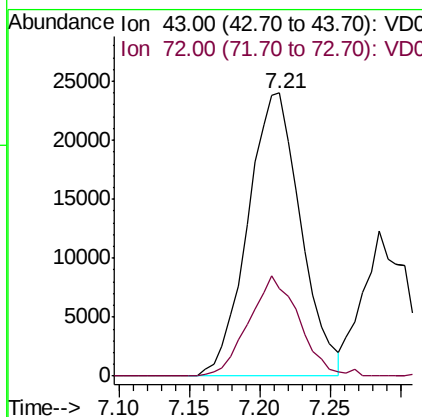
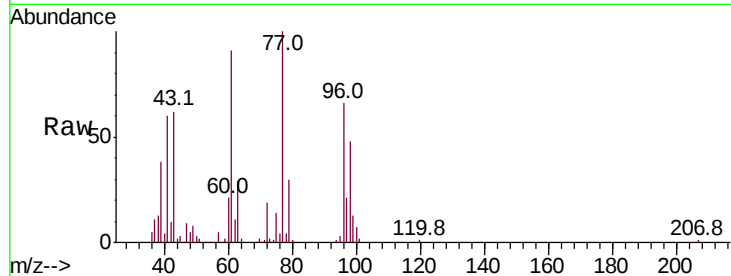




#25
2-Butanone
Concen: 260.779 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

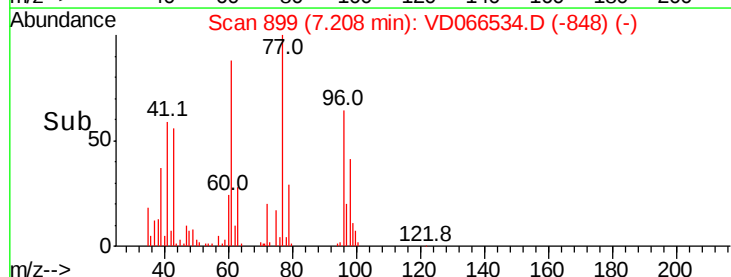
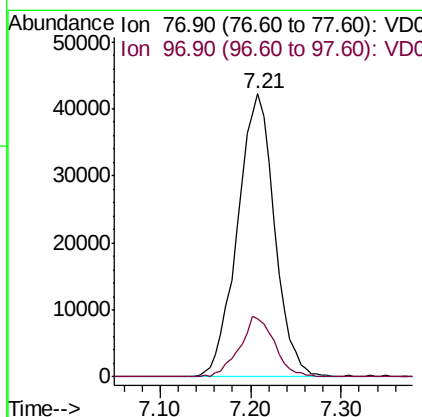
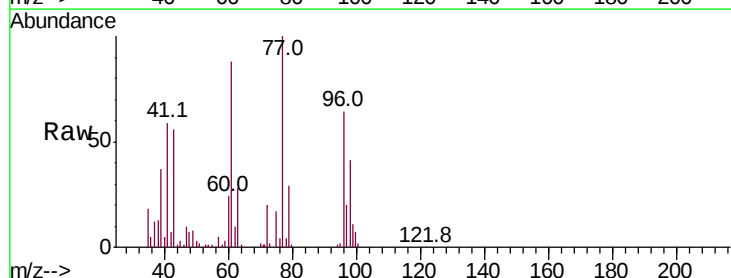
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

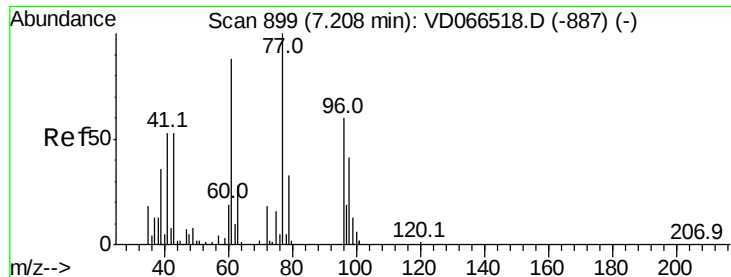
Tot Ion: 43 Resp: 63208
Ion Ratio Lower Upper
43 100
72 31.1 26.8 40.2



#26
2,2-Dichloropropane
Concen: 48.802 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 77 Resp: 119524
Ion Ratio Lower Upper
77 100
97 20.0 10.2 30.4



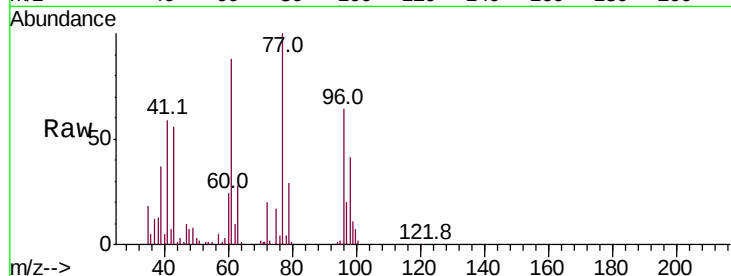


#27

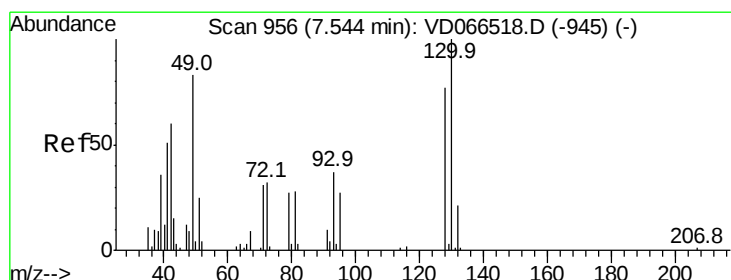
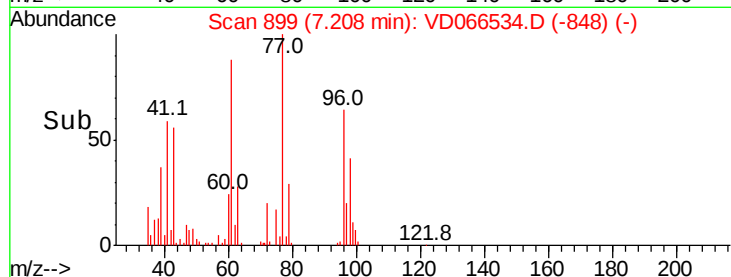
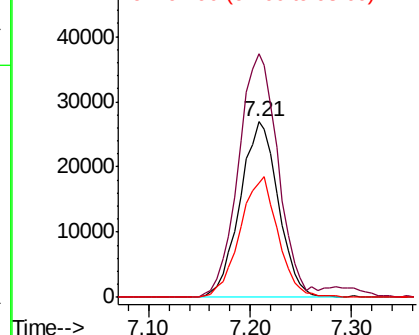
cis-1,2-Dichloroethene
 Concen: 51.977 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	292.8
98	67.9	0.0	130.2



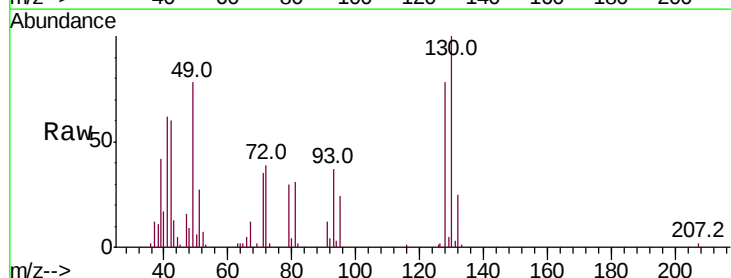
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



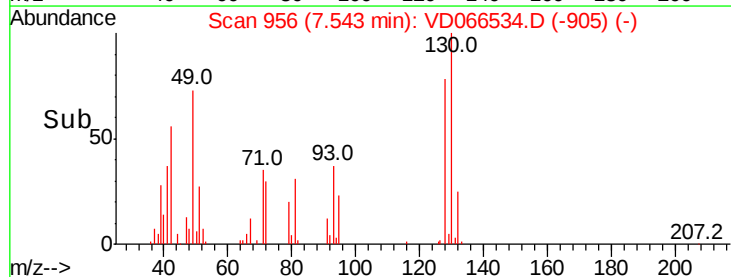
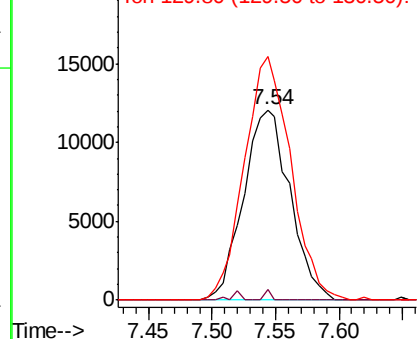
#28

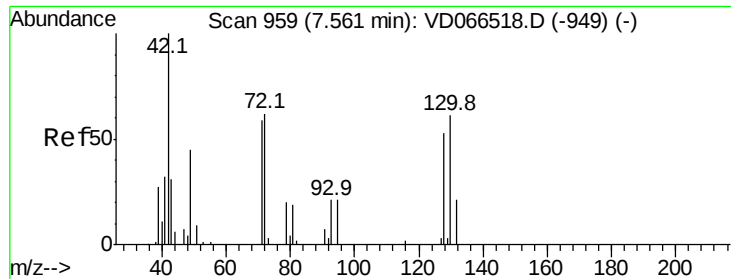
Bromochloromethane
 Concen: 55.090 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.2
130	128.1	98.0	147.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

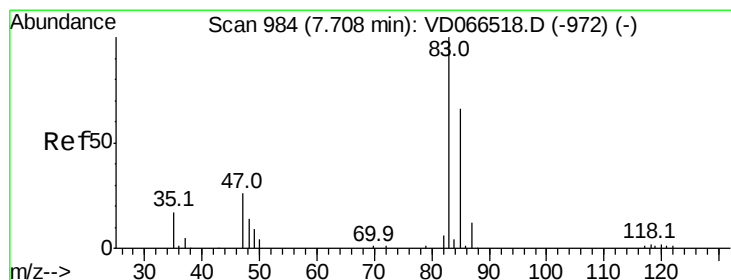
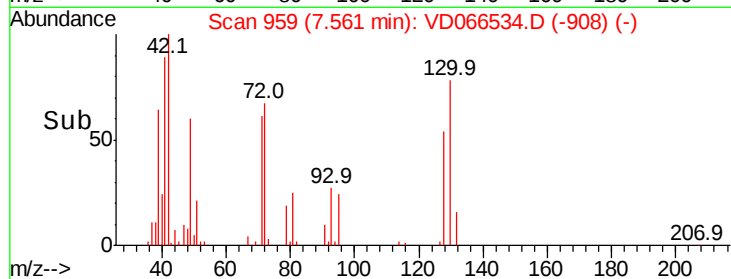
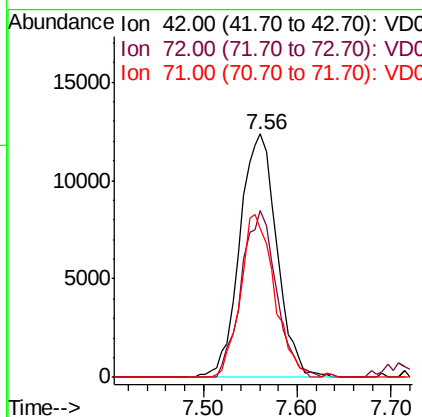
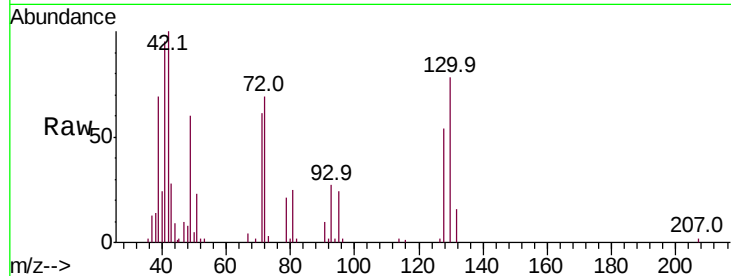




#29
Tetrahydrofuran
Concen: 270.867 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

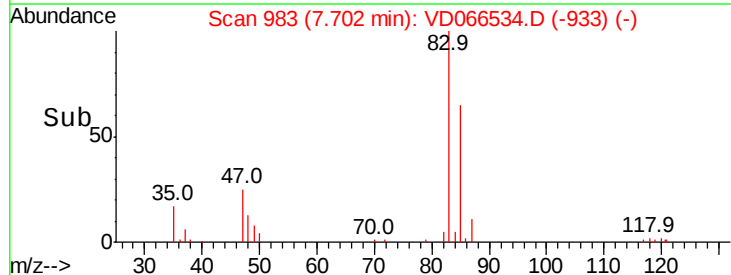
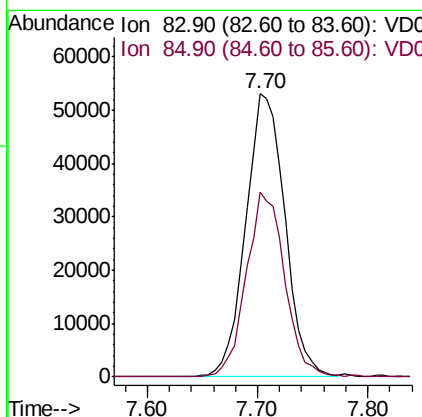
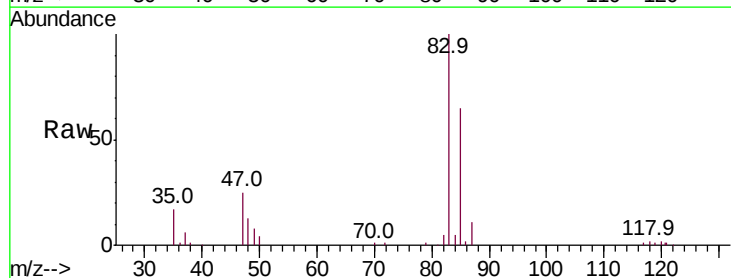
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

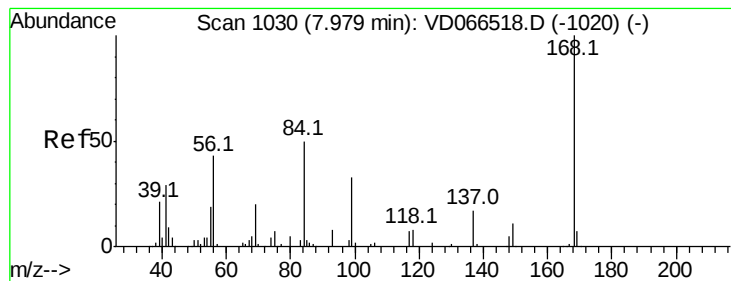
Tot Ion: 42 Resp: 33750
Ion Ratio Lower Upper
42 100
72 64.5 48.6 72.8
71 61.2 43.2 64.8



#30
Chloroform
Concen: 53.058 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.01 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 83 Resp: 132423
Ion Ratio Lower Upper
83 100
85 65.3 52.6 79.0





#31

Cyclohexane

Concen: 46.265 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

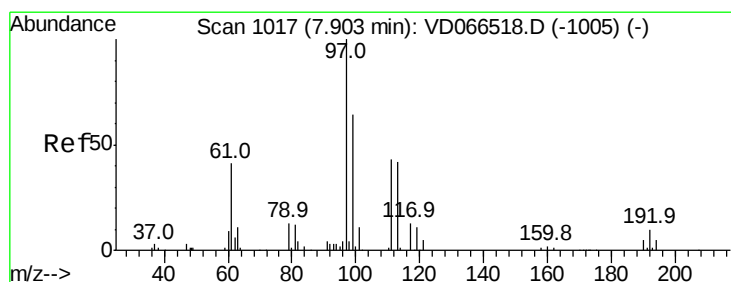
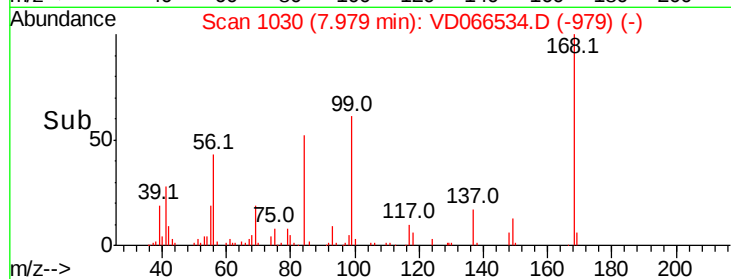
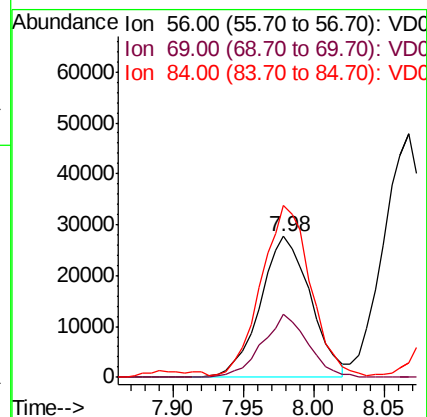
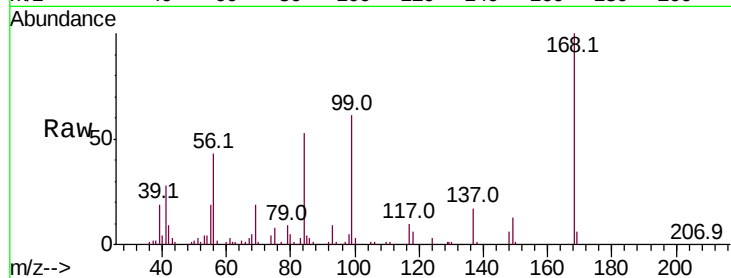
Tot Ion: 56 Resp: 68923

Ion Ratio Lower Upper

56 100

69 44.4 36.8 55.2

84 118.9 93.4 140.0



#32

1,1,1-Trichloroethane

Concen: 51.093 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

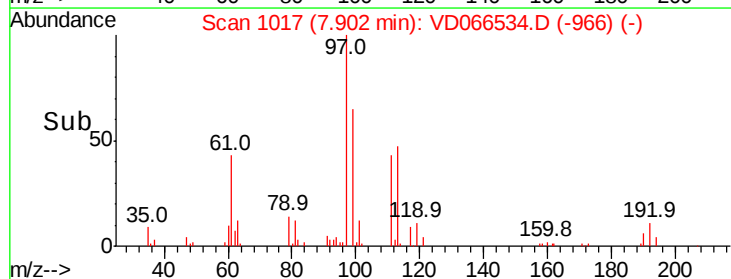
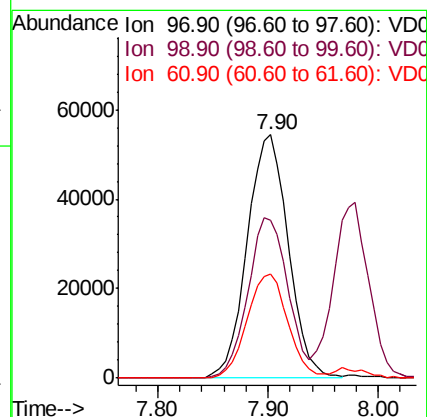
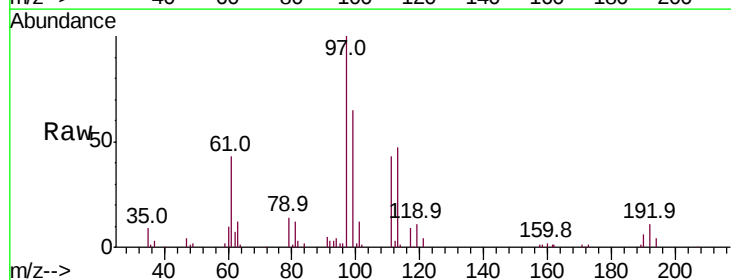
Tgt Ion: 97 Resp: 142019

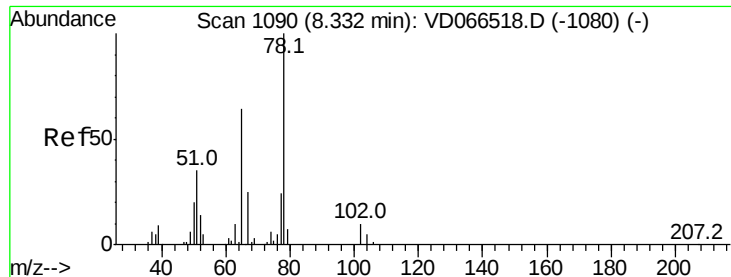
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 42.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.840 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

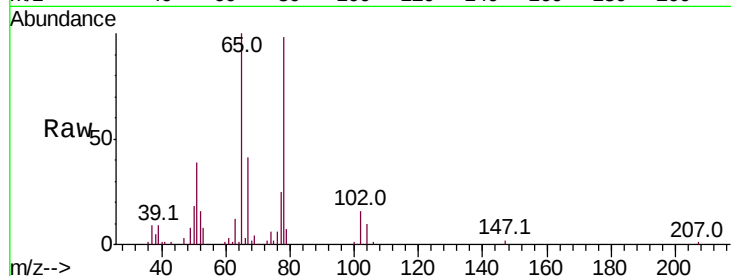
VSTDCCC050EC

Tot Ion: 65 Resp: 93172

Ion Ratio Lower Upper

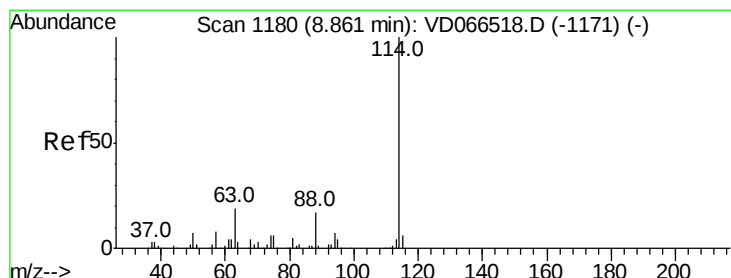
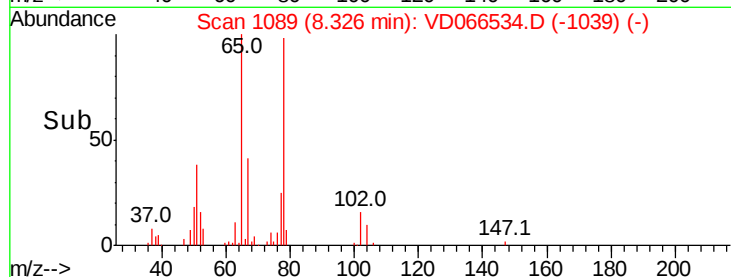
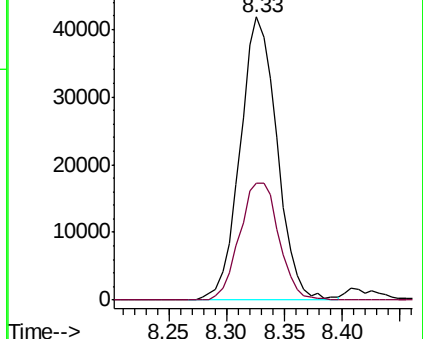
65 100

67 44.0 0.0 88.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

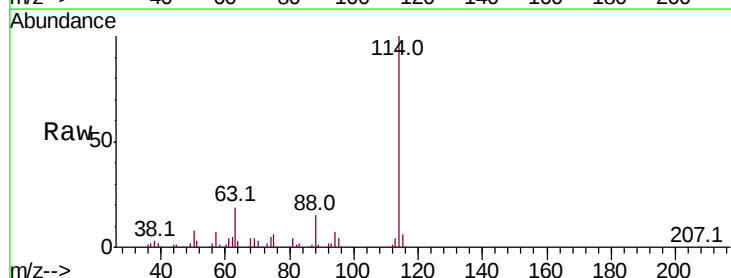
Tgt Ion: 114 Resp: 204450

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

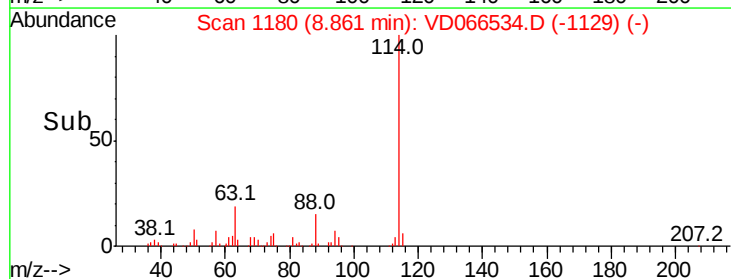
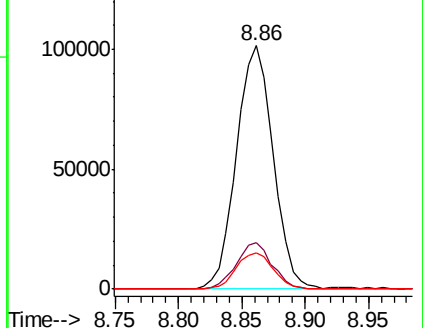
88 14.9 0.0 33.6

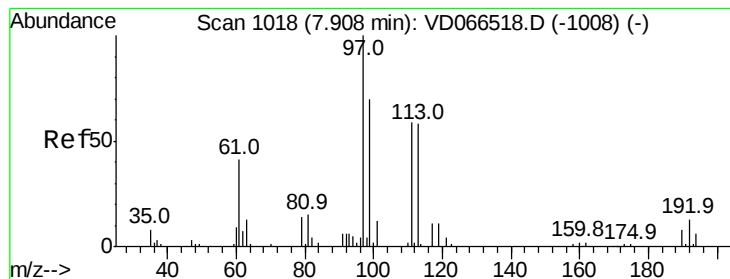


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 55.526 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

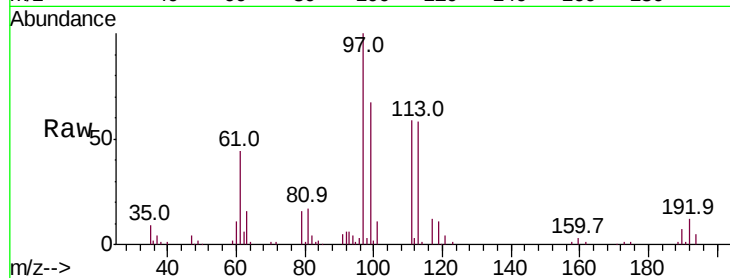
Tot Ion:113 Resp: 68278

Ion Ratio Lower Upper

113 100

111 100.6 82.5 123.7

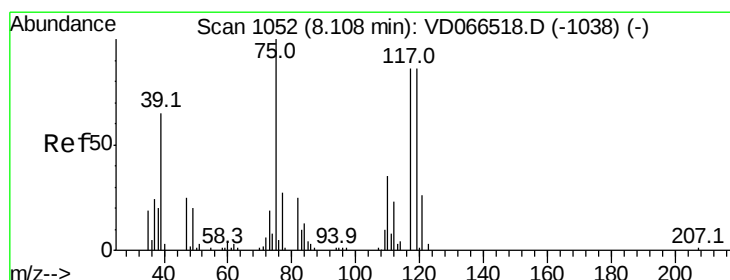
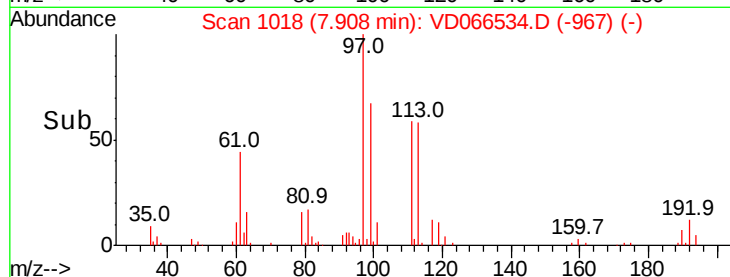
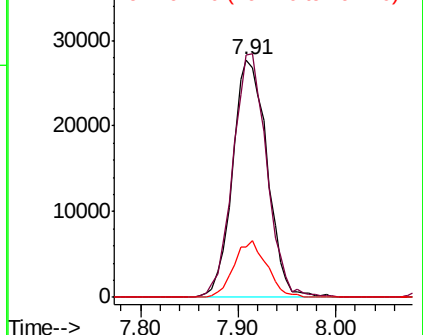
192 22.5 20.7 31.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.574 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

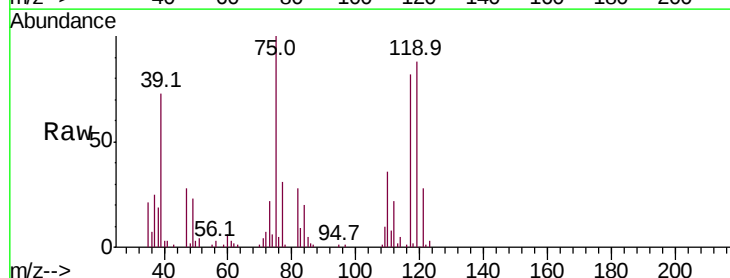
Tgt Ion: 75 Resp: 87055

Ion Ratio Lower Upper

75 100

110 38.3 18.4 55.2

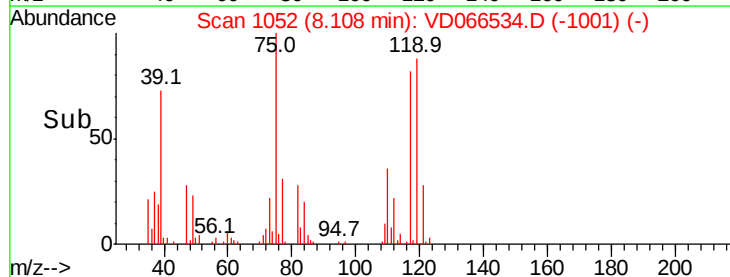
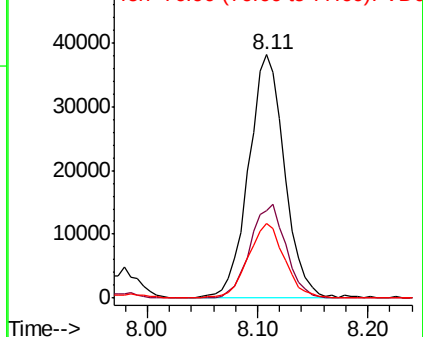
77 31.1 24.6 36.8

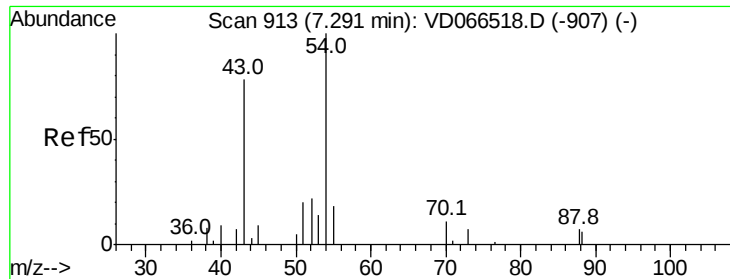


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

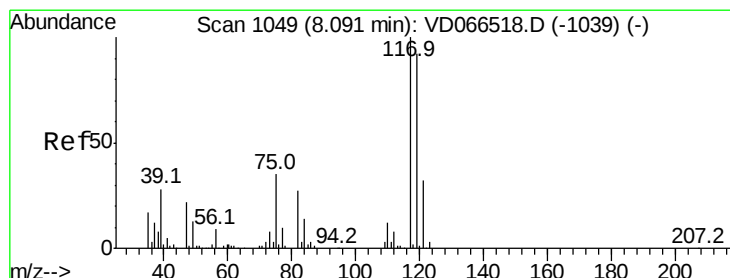
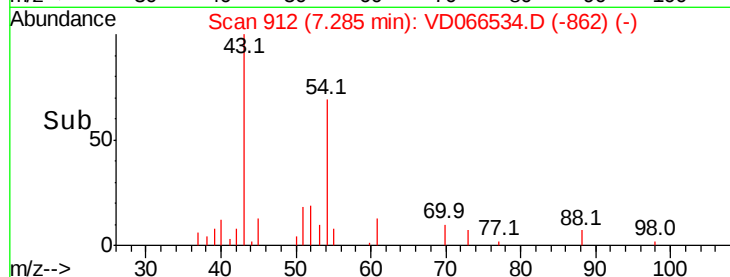
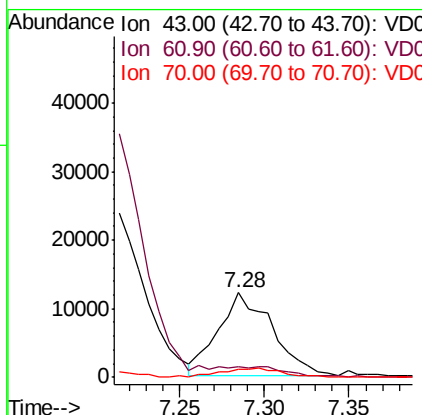
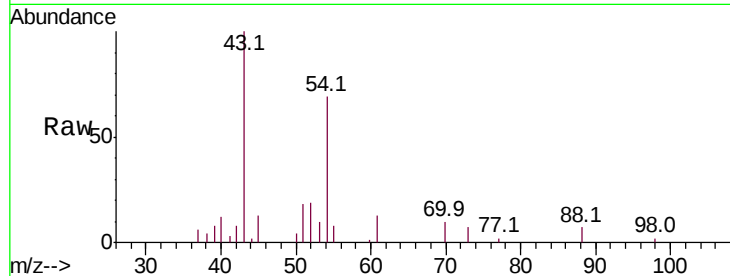




#37
Ethyl Acetate
Concen: 50.149 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

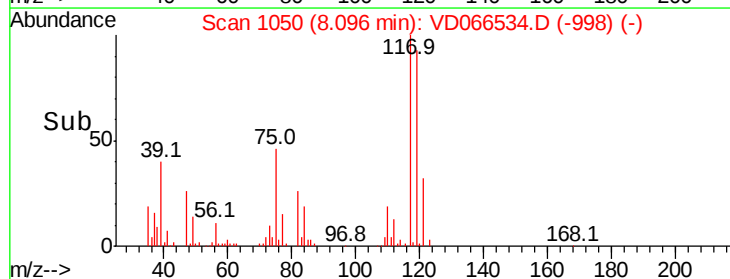
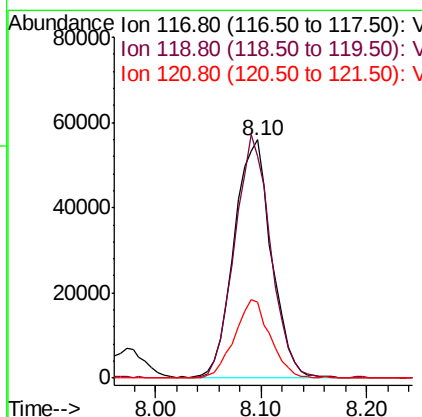
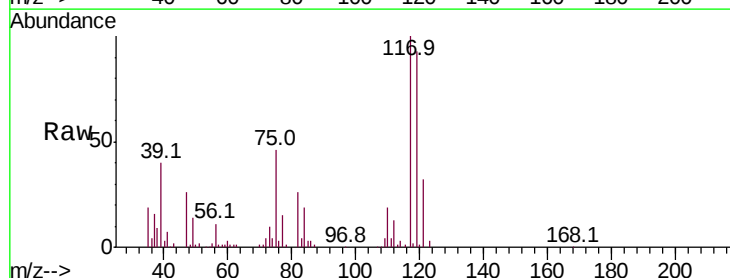
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

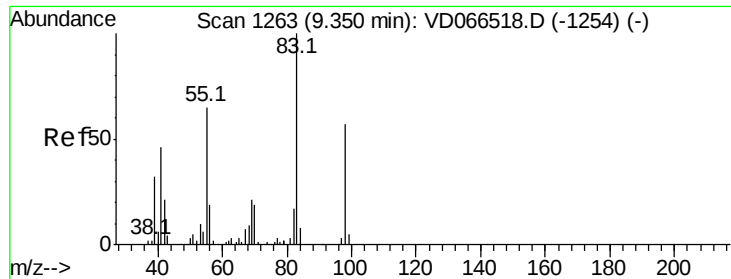
Tot Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 12.6 10.2 15.2



#38
Carbon Tetrachloride
Concen: 50.541 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 117 Resp: 137988
Ion Ratio Lower Upper
117 100
119 93.1 73.9 110.9
121 31.8 25.6 38.4

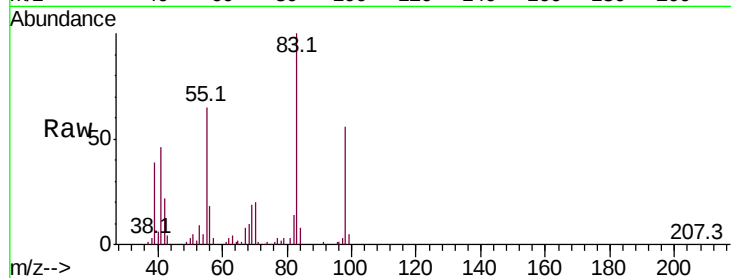




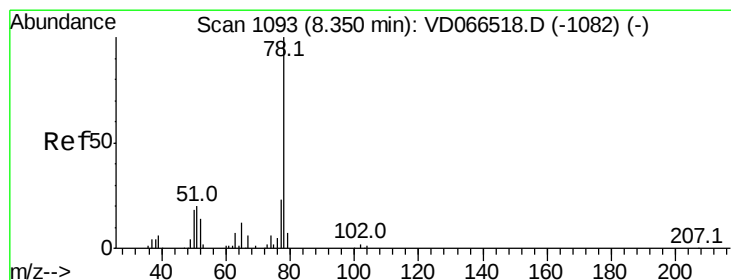
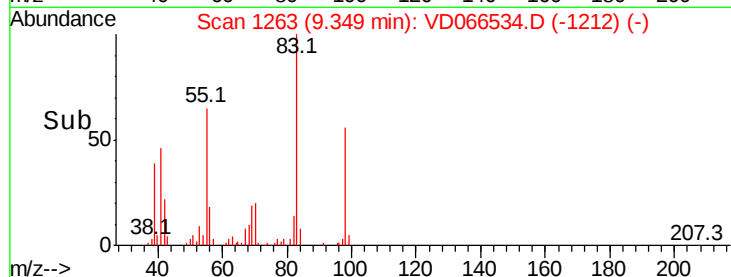
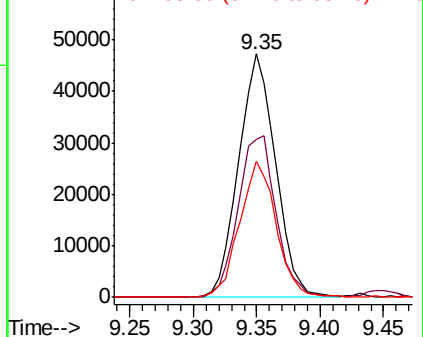
#39
Methvlcvclohexane
Concen: 45.837 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 95978
Ion Ratio Lower Upper
83 100
55 64.7 52.2 78.2
98 55.7 45.6 68.4

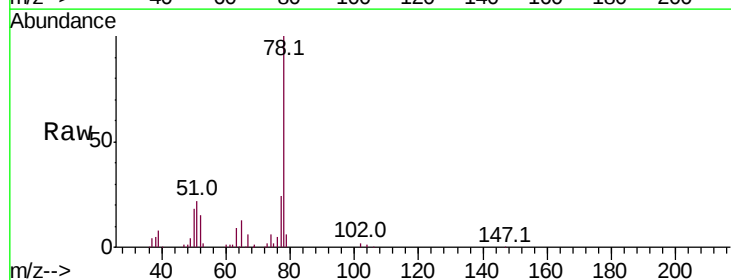


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

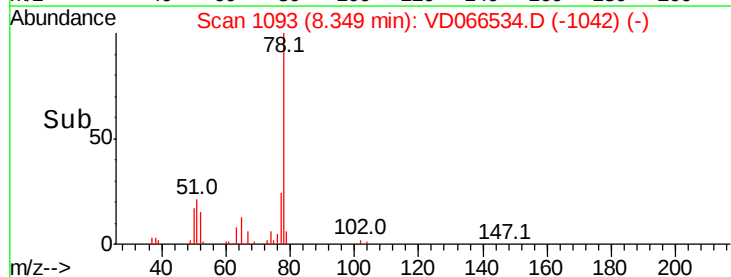
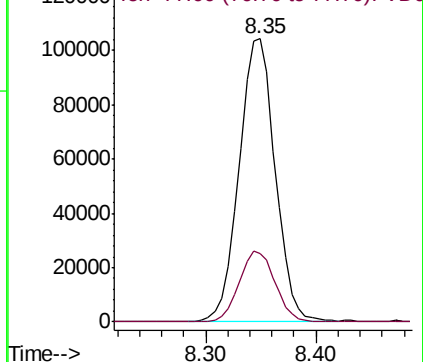


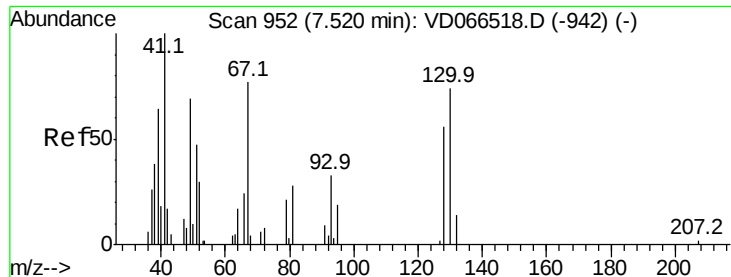
#40
Benzene
Concen: 51.898 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 78 Resp: 239935
Ion Ratio Lower Upper
78 100
77 24.3 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 52.301 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 14639

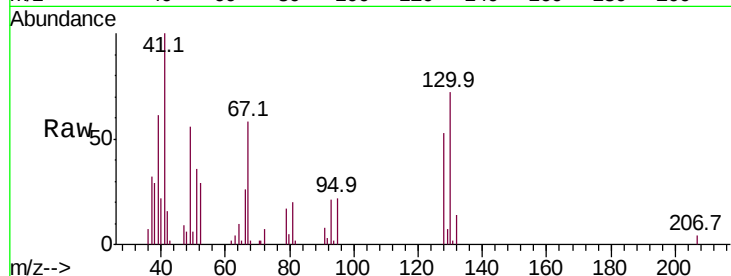
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 92.8 85.0 127.4

52 50.1 38.8 58.2

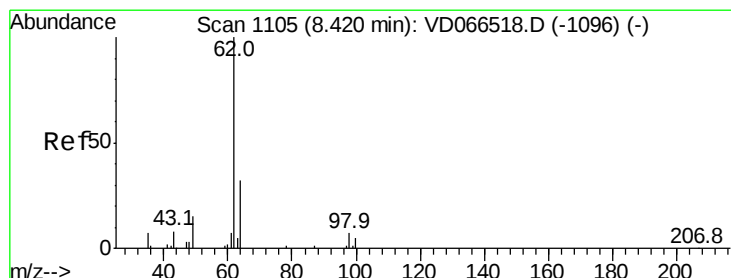
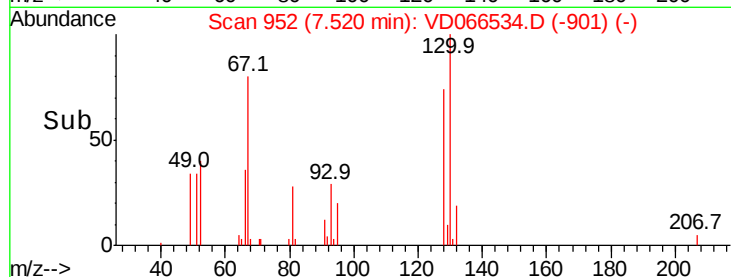
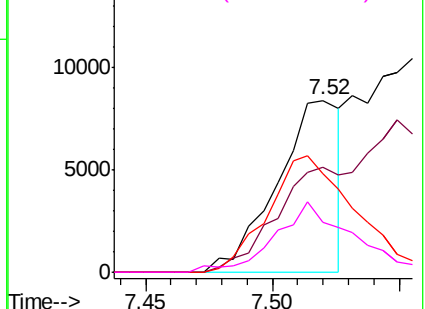


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 55.830 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066534.D

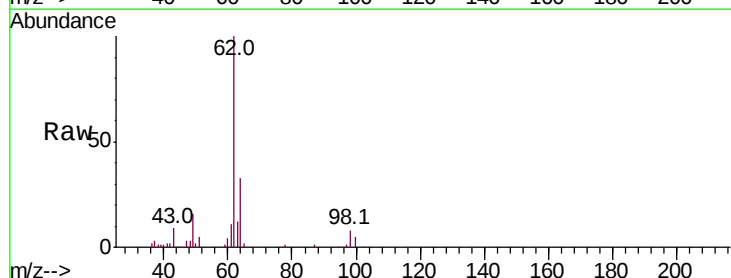
Acq: 02 Sep 2020 20:27

Tgt Ion: 62 Resp: 109194

Ion Ratio Lower Upper

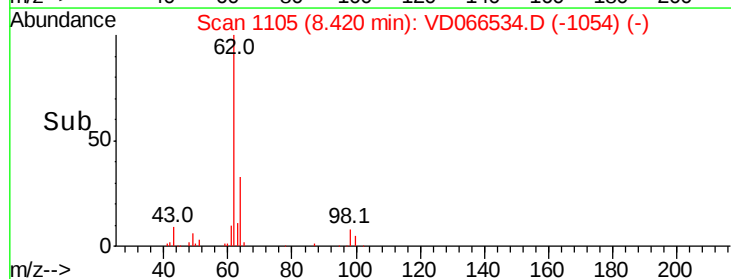
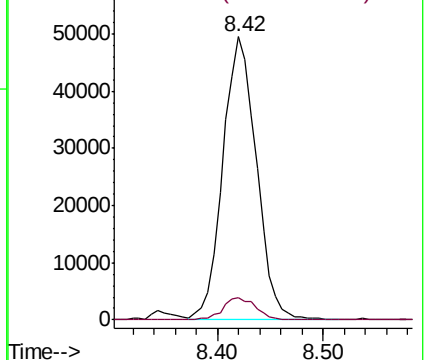
62 100

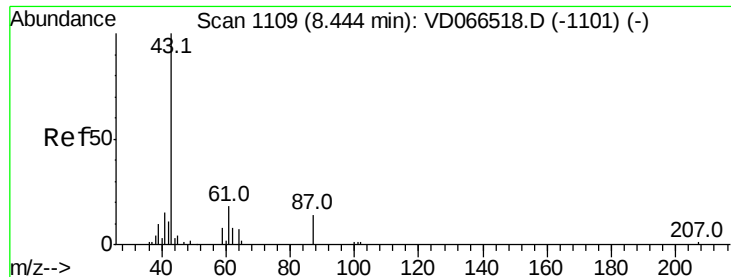
98 7.6 0.0 15.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 54.311 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

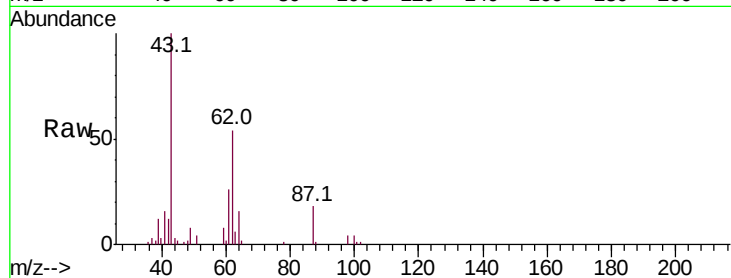
Tot Ion: 43 Resp: 61206

Ion Ratio Lower Upper

43 100

61 34.4 26.9 40.3

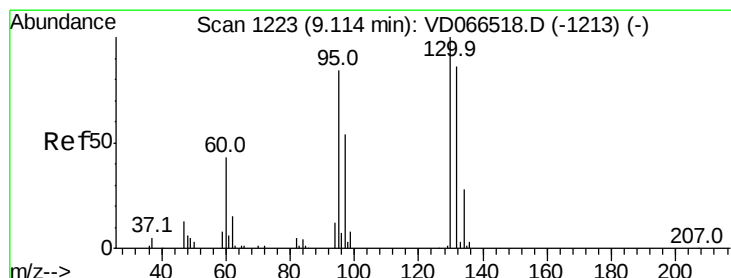
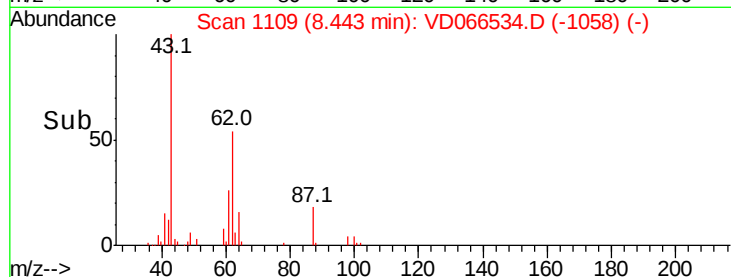
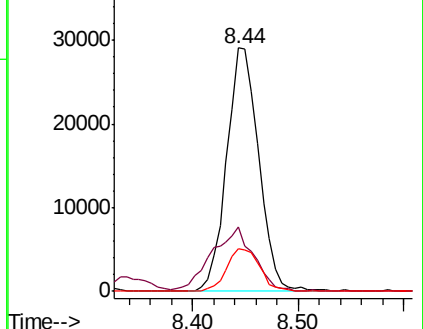
87 18.1 12.9 19.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 50.920 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD066534.D

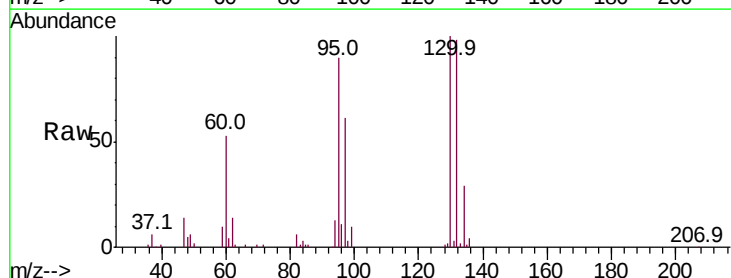
Acq: 02 Sep 2020 20:27

Tgt Ion: 130 Resp: 81254

Ion Ratio Lower Upper

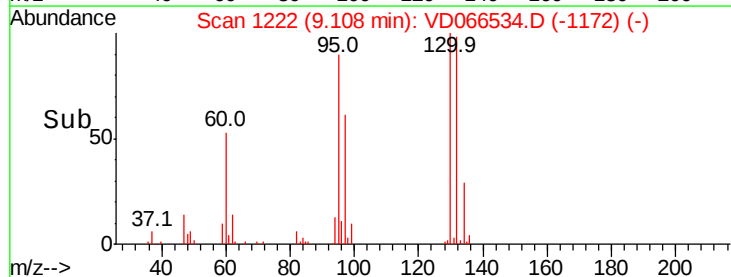
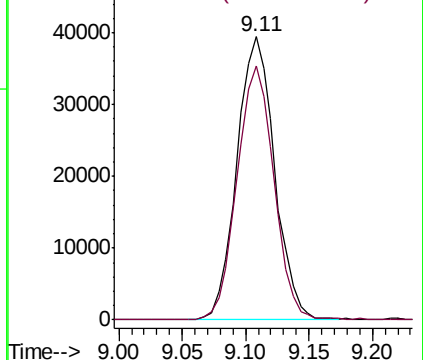
130 100

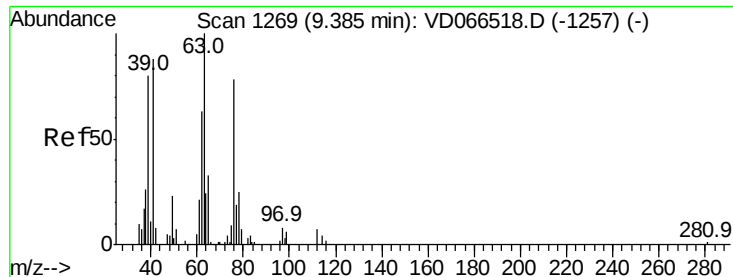
95 89.7 0.0 167.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 49.764 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

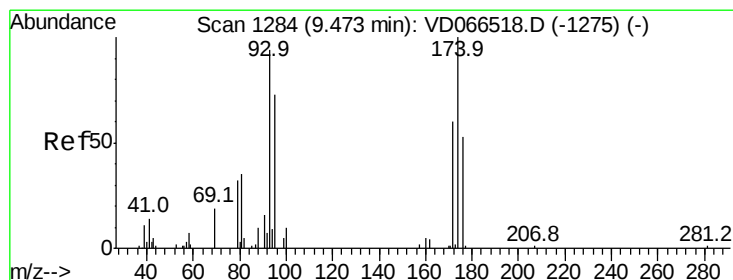
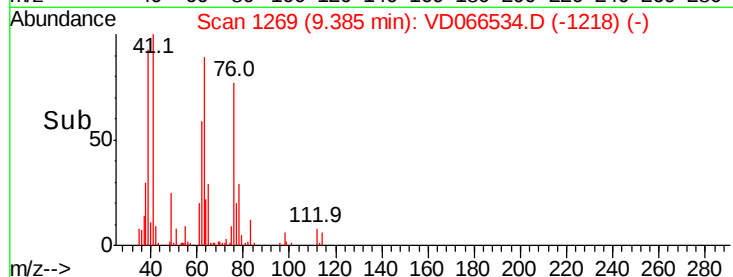
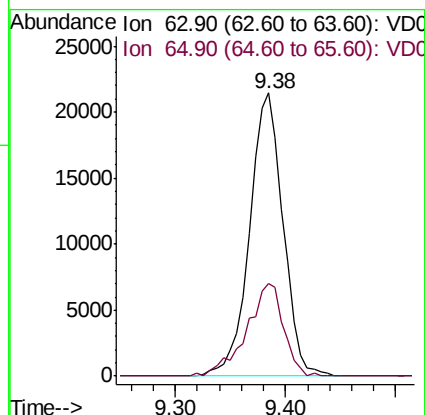
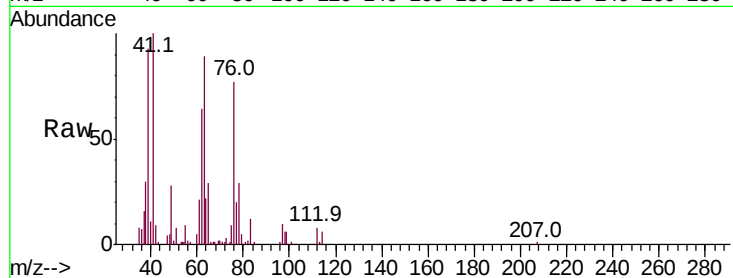
VSTDCCC050EC

Tot Ion: 63 Resp: 45649

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 52.603 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

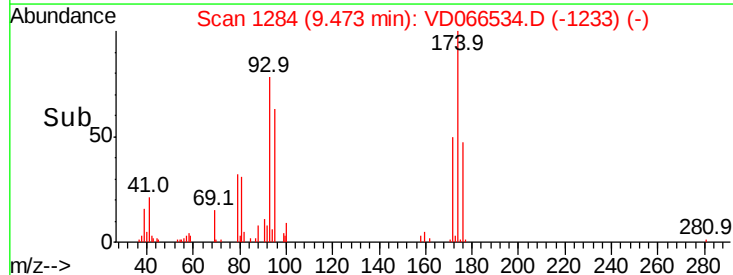
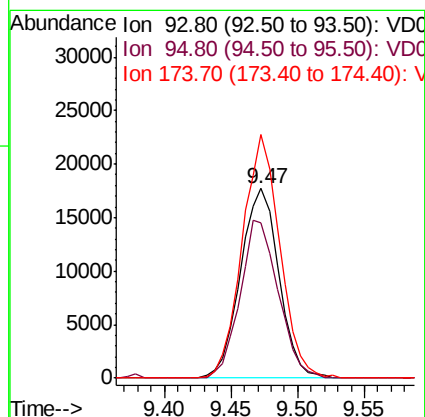
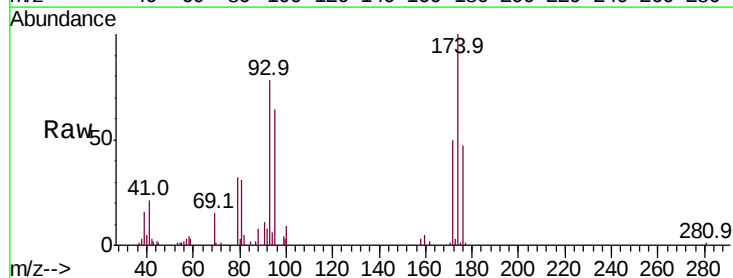
Tgt Ion: 93 Resp: 35326

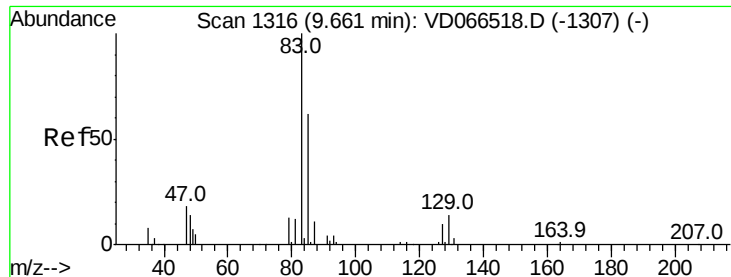
Ion Ratio Lower Upper

93 100

95 82.3 63.9 95.9

174 125.3 94.4 141.6





#47

Bromodichloromethane

Concen: 53.660 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

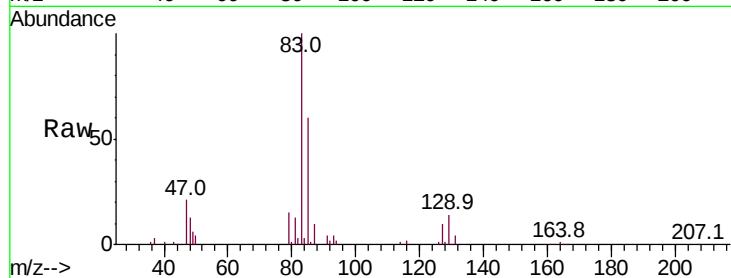
Tot Ion: 83 Resp: 107104

Ion Ratio Lower Upper

83 100

85 59.6 49.6 74.4

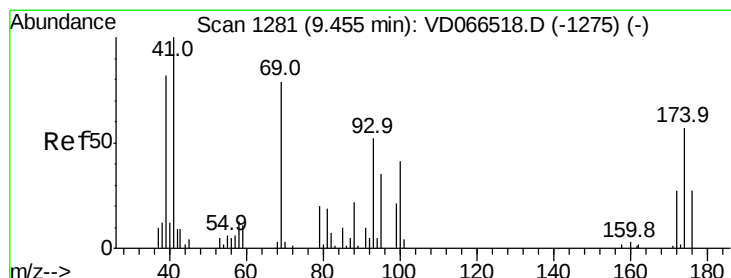
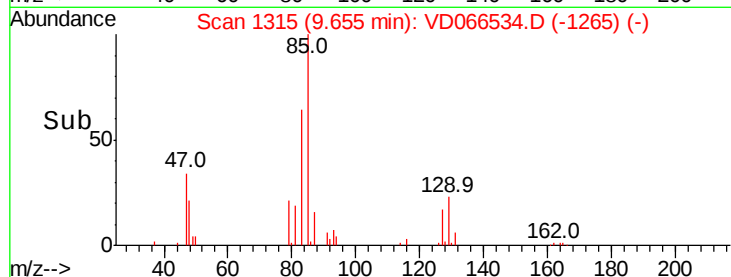
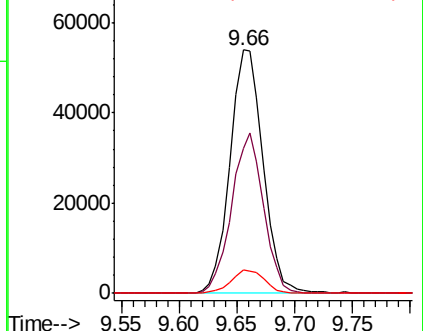
127 9.9 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 54.110 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

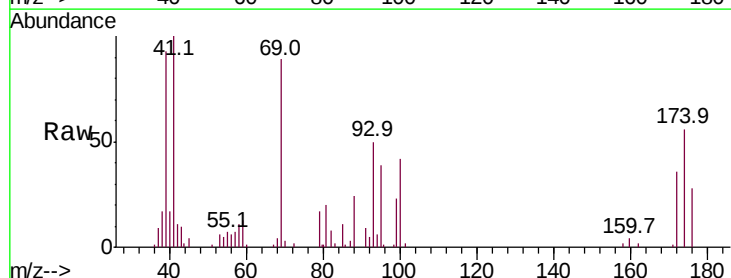
Tgt Ion: 41 Resp: 31076

Ion Ratio Lower Upper

41 100

69 89.2 71.1 106.7

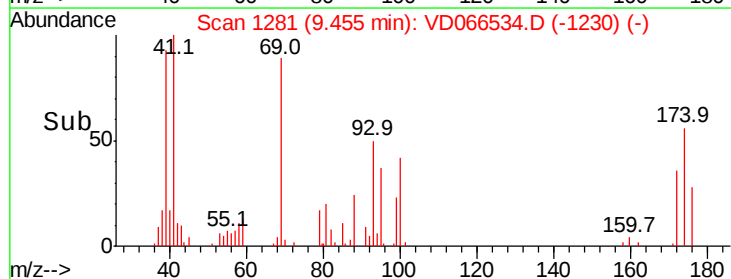
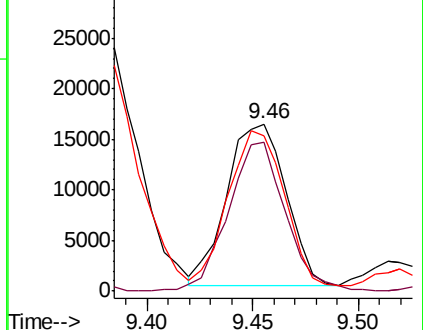
39 91.5 75.4 113.2

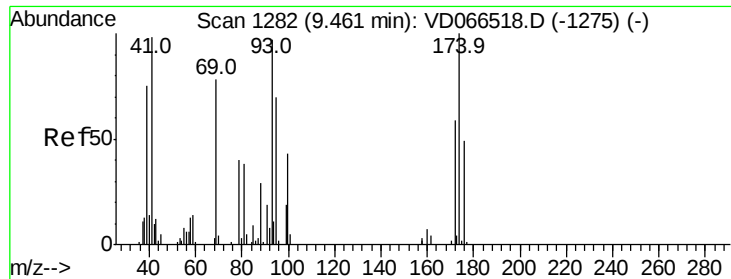


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

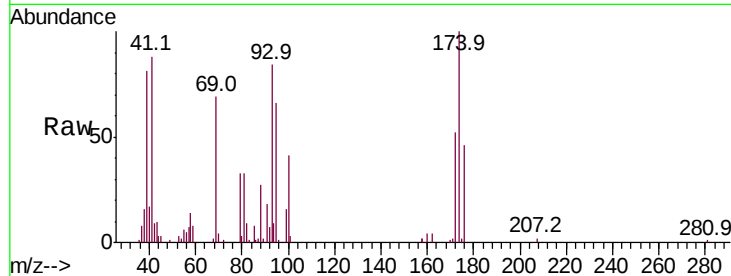




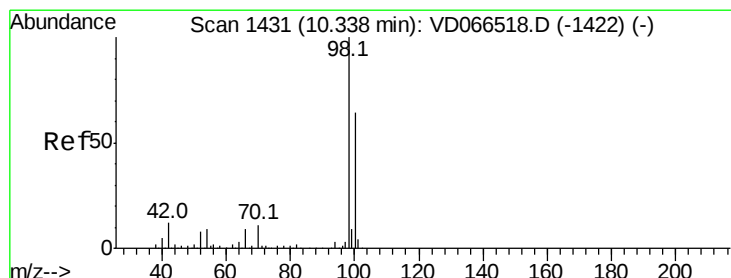
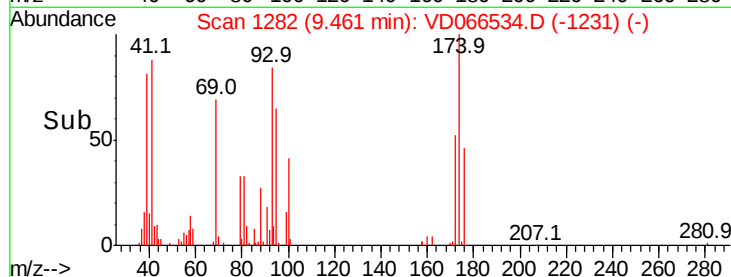
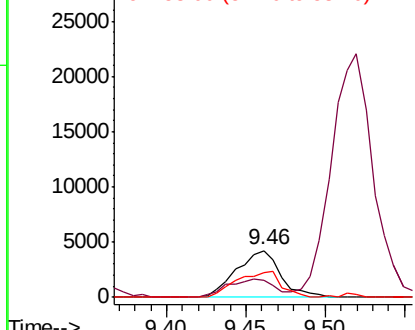
#49
1,4-Dioxane
Concen: 1052.814 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 8184
Ion Ratio Lower Upper
88 100
43 42.1 33.8 50.6
58 55.2 46.2 69.4

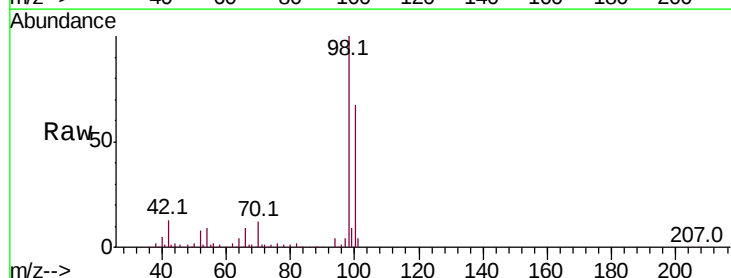


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

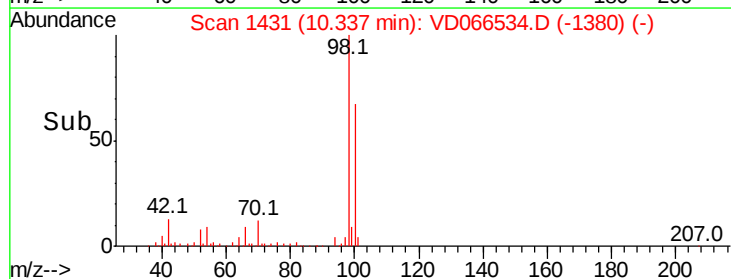
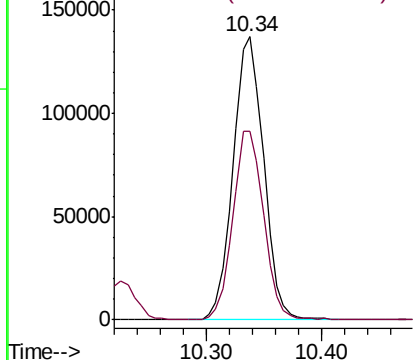


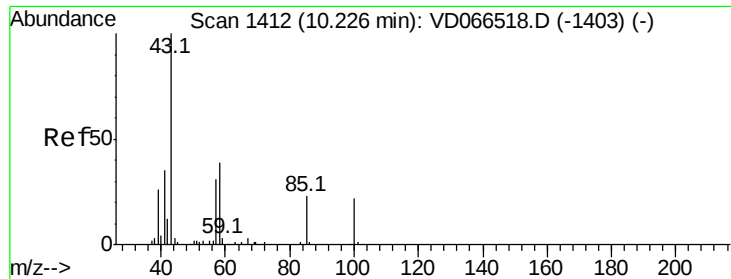
#50
Toluene-d8
Concen: 54.539 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 98 Resp: 251825
Ion Ratio Lower Upper
98 100
100 67.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 278.689 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

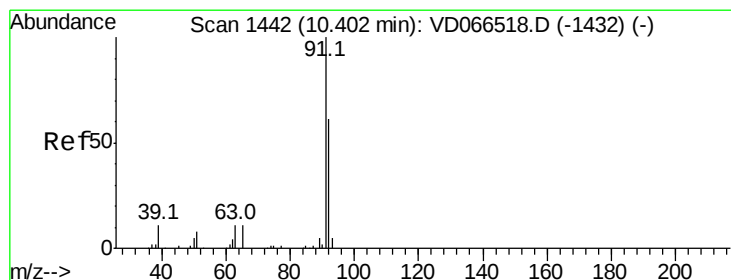
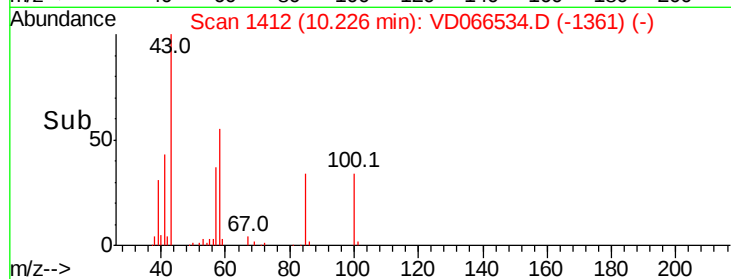
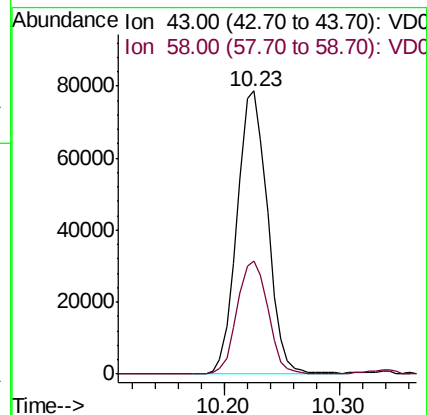
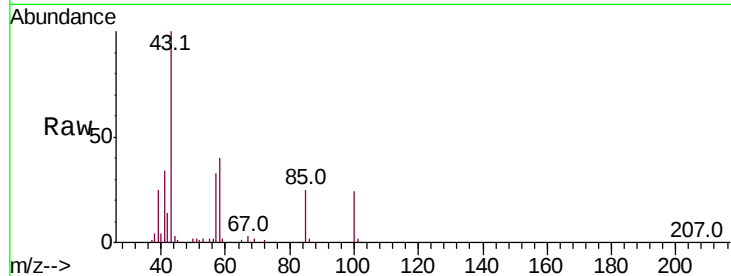
VSTDCCC050EC

Tot Ion: 43 Resp: 144416

Ion Ratio Lower Upper

43 100

58 40.3 31.5 47.3



#52

Toluene

Concen: 51.698 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066534.D

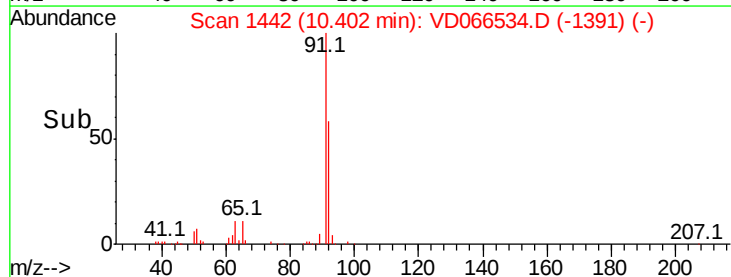
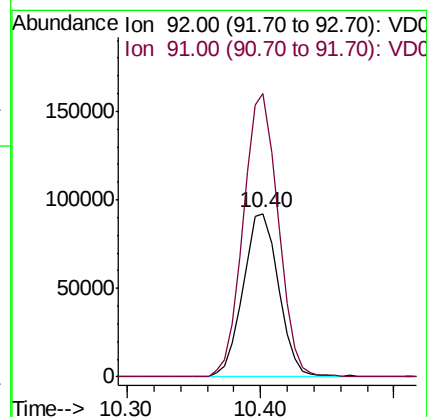
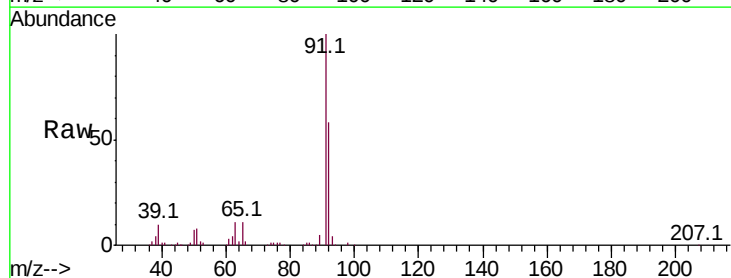
Acq: 02 Sep 2020 20:27

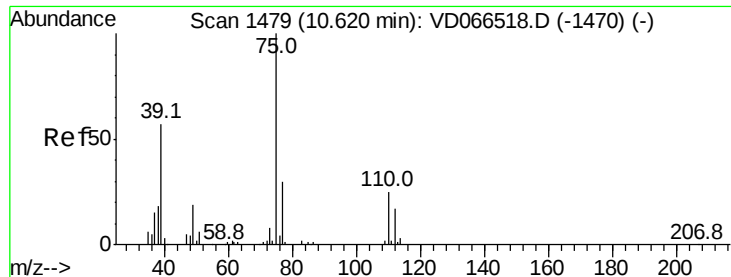
Tgt Ion: 92 Resp: 170008

Ion Ratio Lower Upper

92 100

91 170.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 53.649 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

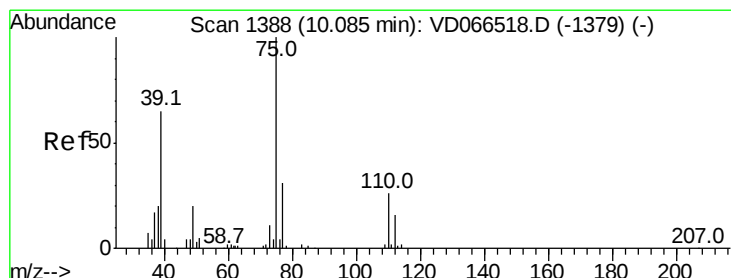
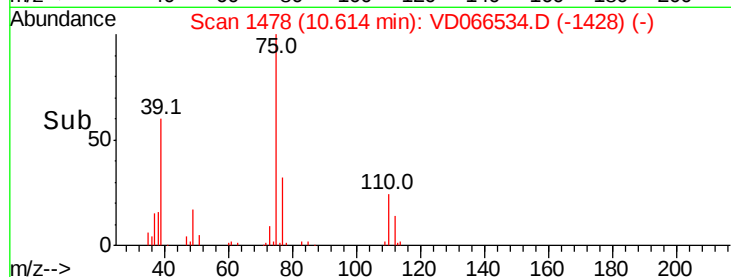
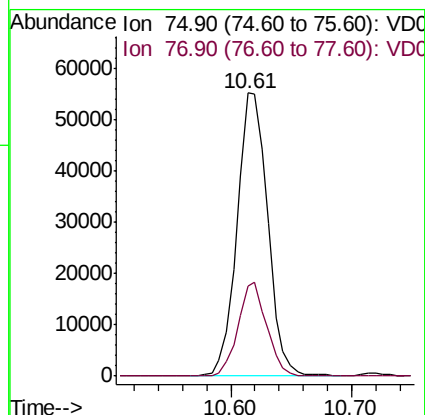
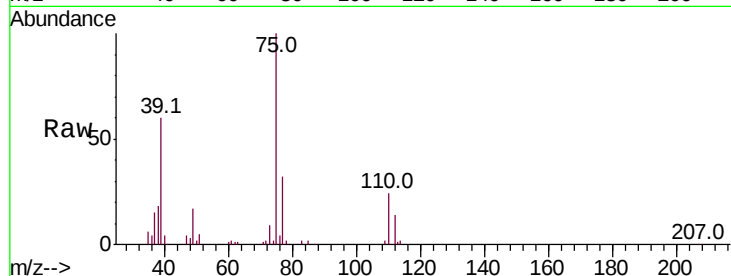
VSTDCCC050EC

Tot Ion: 75 Resp: 97834

Ion Ratio Lower Upper

75 100

77 31.7 23.7 35.5



#54

cis-1,3-Dichloropropene

Concen: 51.844 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

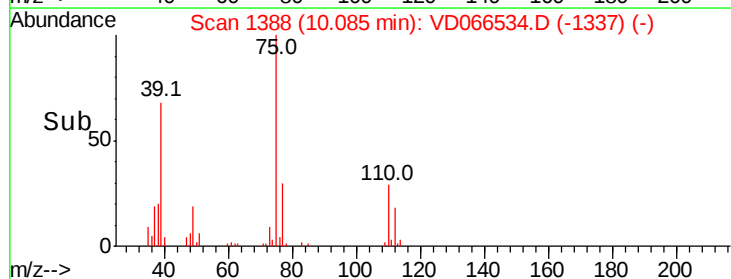
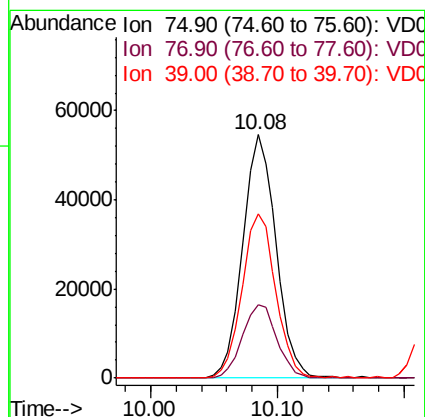
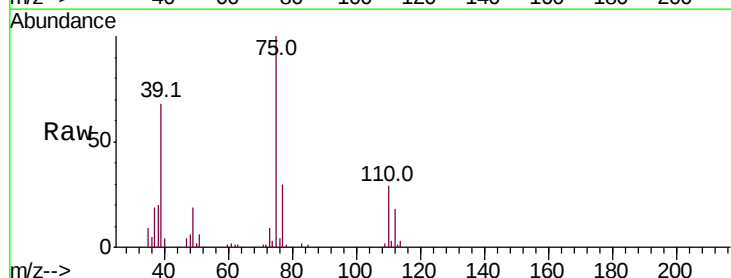
Tgt Ion: 75 Resp: 99599

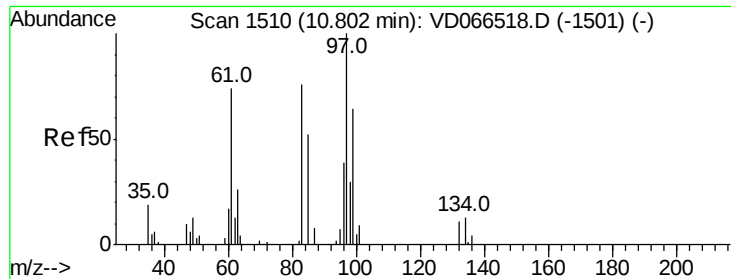
Ion Ratio Lower Upper

75 100

77 30.0 24.5 36.7

39 67.5 52.4 78.6





#55

1,1,2-Trichloroethane

Concen: 52.212 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 44307

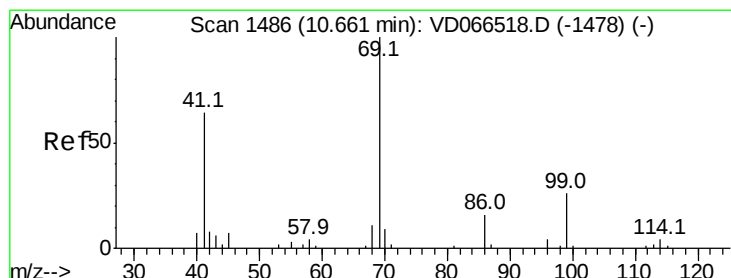
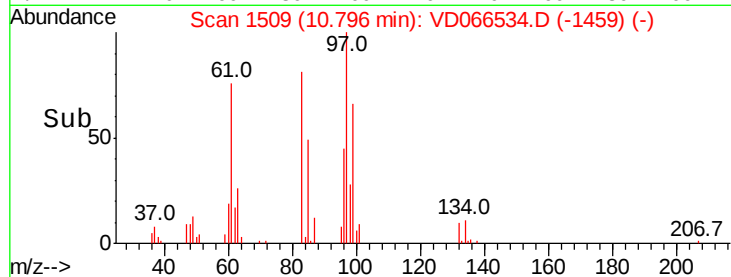
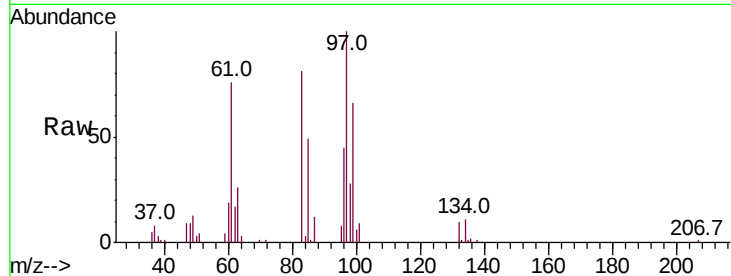
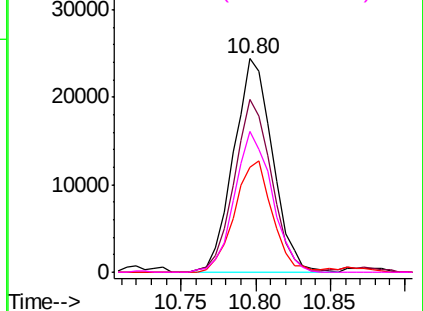
Ion	Ratio	Lower	Upper
97	100		
83	80.9	61.2	91.8
85	48.9	42.0	63.0
99	66.1	51.2	76.8

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: 54.247 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

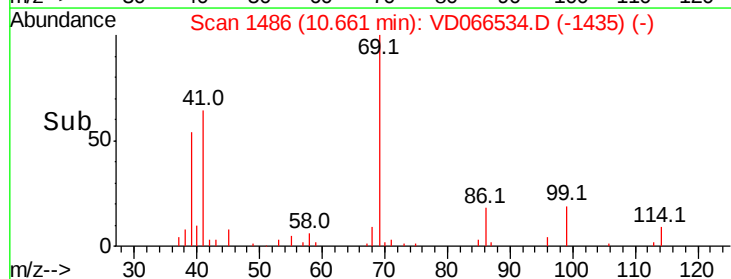
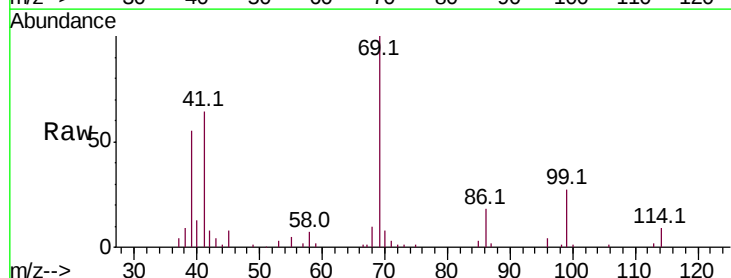
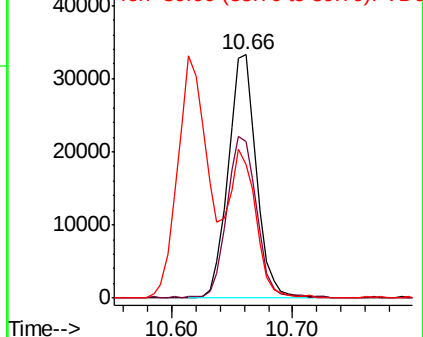
Tgt Ion: 69 Resp: 54176

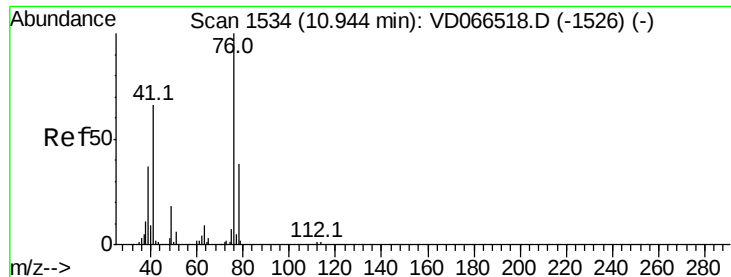
Ion	Ratio	Lower	Upper
69	100		
41	70.0	52.5	78.7
39	60.4	42.1	63.1

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: 54.078 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

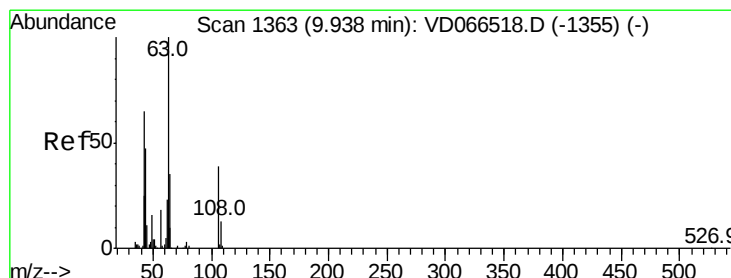
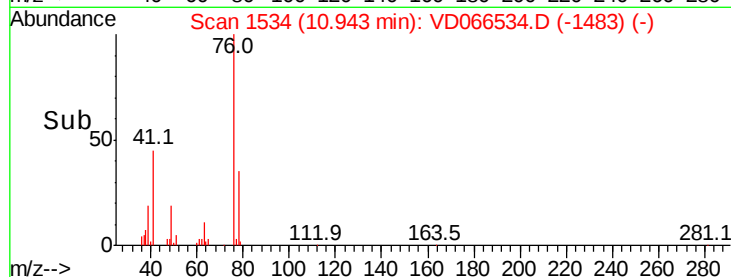
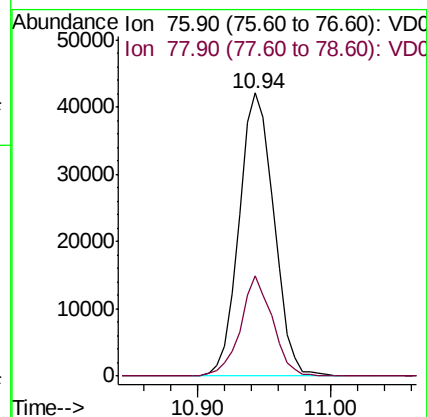
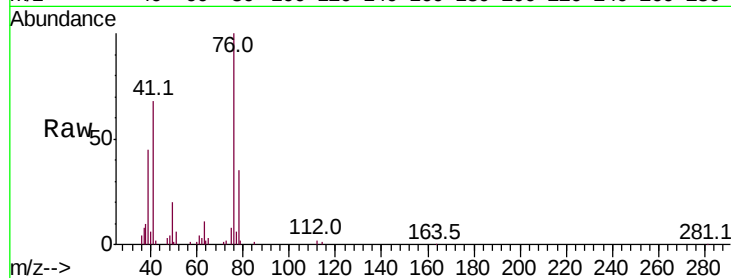
VSTDCCC050EC

Tot Ion: 76 Resp: 75785

Ion Ratio Lower Upper

76 100

78 32.5 28.2 42.2



#58

2-Chloroethyl Vinyl ether

Concen: 258.735 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066534.D

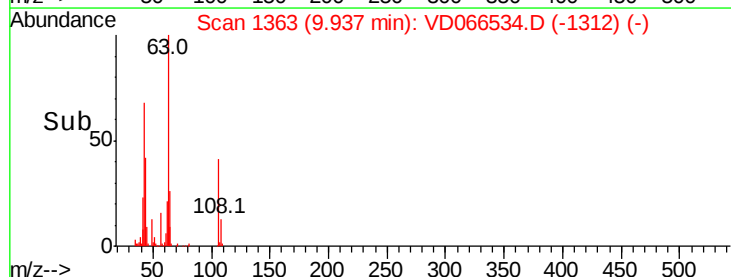
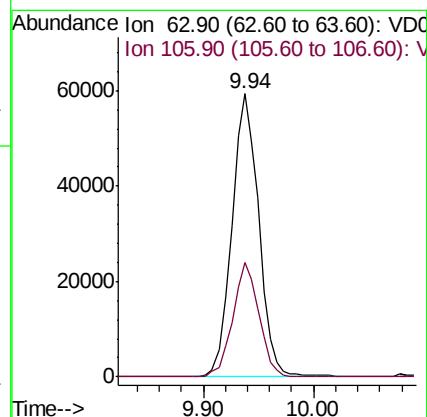
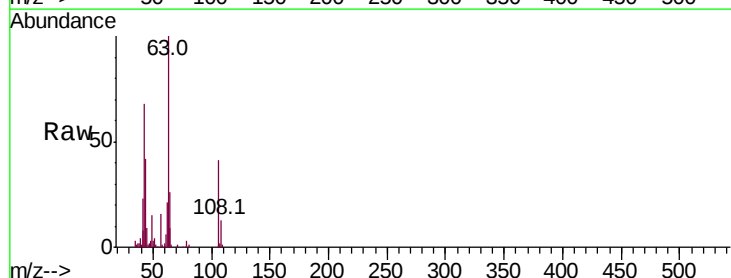
Acq: 02 Sep 2020 20:27

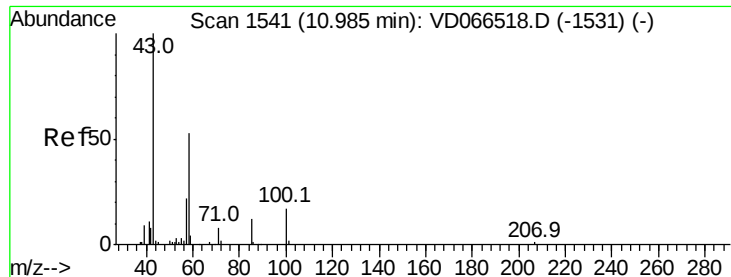
Tgt Ion: 63 Resp: 100866

Ion Ratio Lower Upper

63 100

106 39.4 32.1 48.1

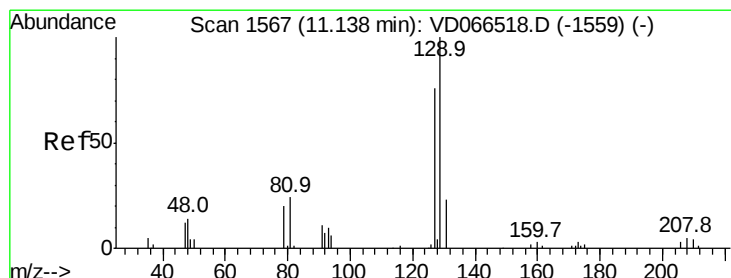
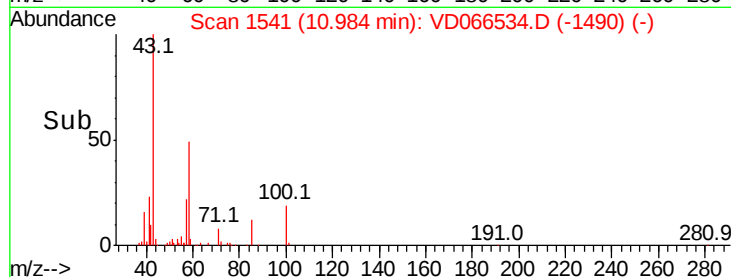
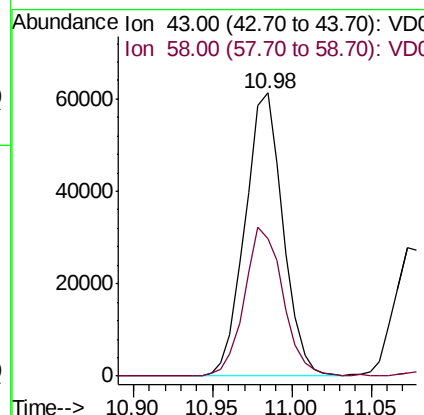
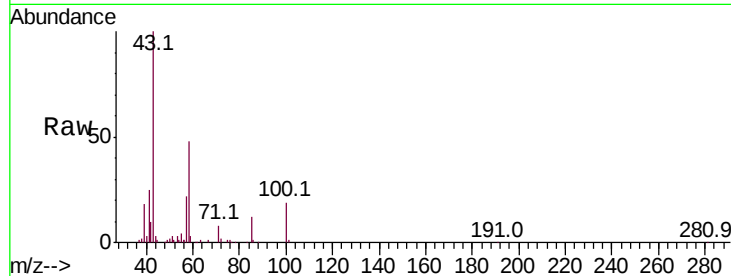




#59
2-Hexanone
Concen: 272.593 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

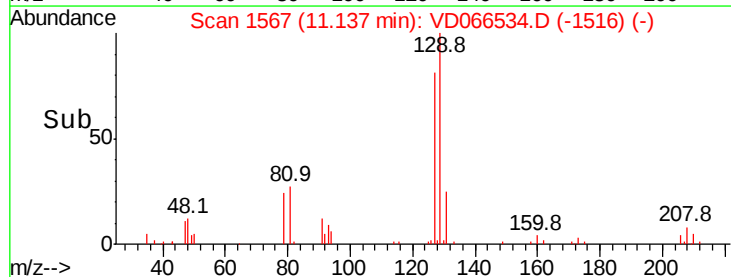
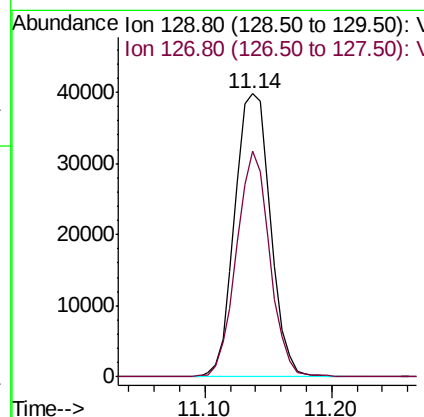
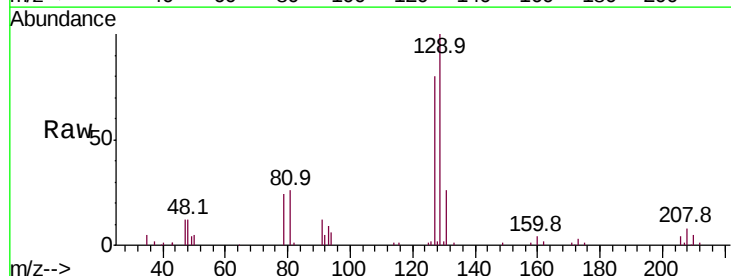
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

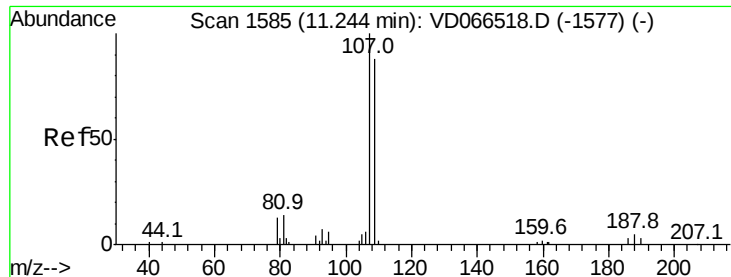
Tot Ion: 43 Resp: 102019
Ion Ratio Lower Upper
43 100
58 53.5 25.7 77.0



#60
Dibromochloromethane
Concen: 55.277 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 129 Resp: 77567
Ion Ratio Lower Upper
129 100
127 74.2 38.2 114.6

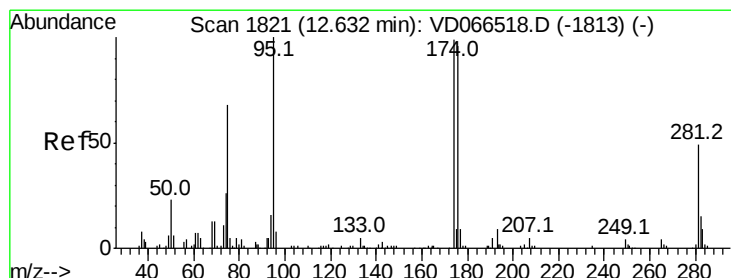
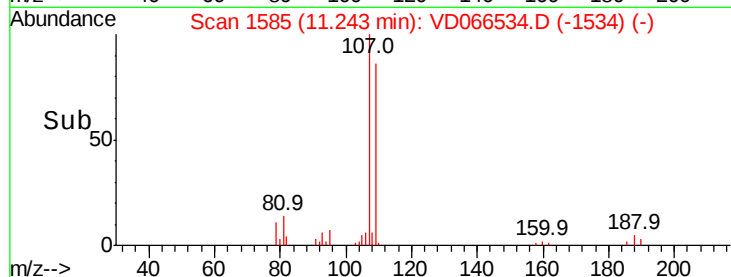
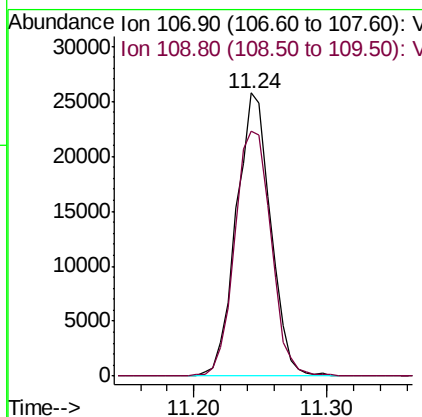
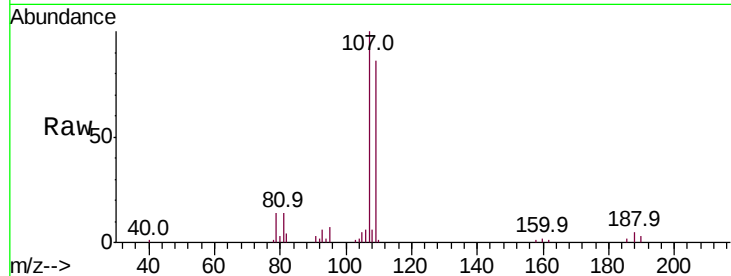




#61
 1,2-Dibromoethane
 Concen: 52.938 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

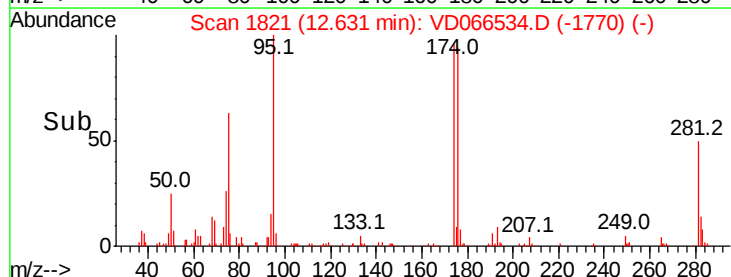
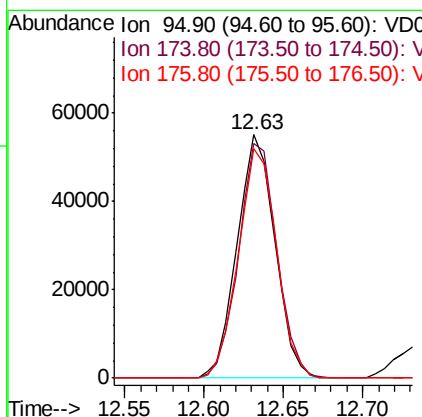
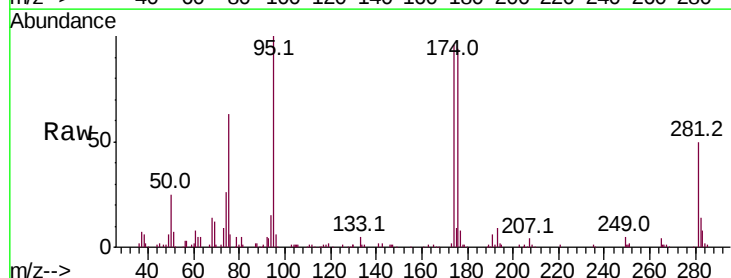
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

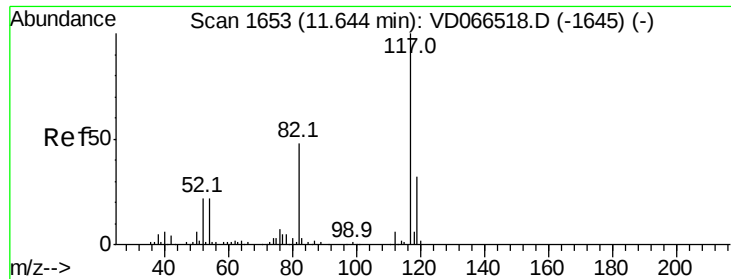
Tot Ion:107 Resp: 45791
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 55.504 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion: 95 Resp: 91355
 Ion Ratio Lower Upper
 95 100
 174 97.7 0.0 203.2
 176 95.4 0.0 198.6

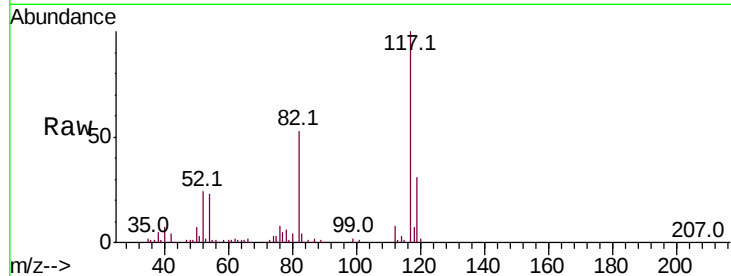




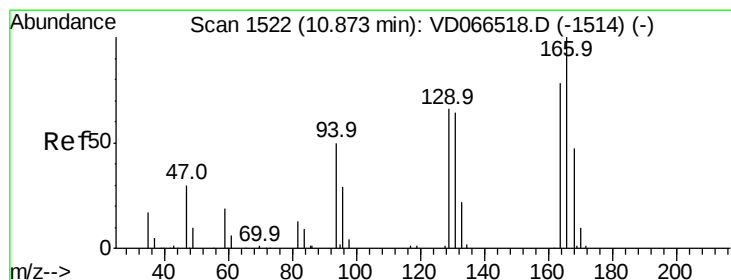
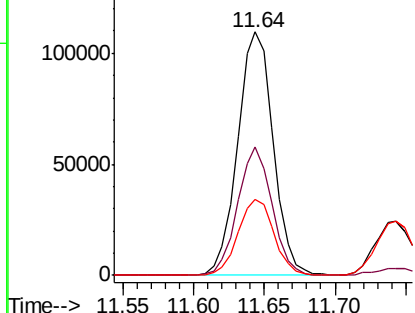
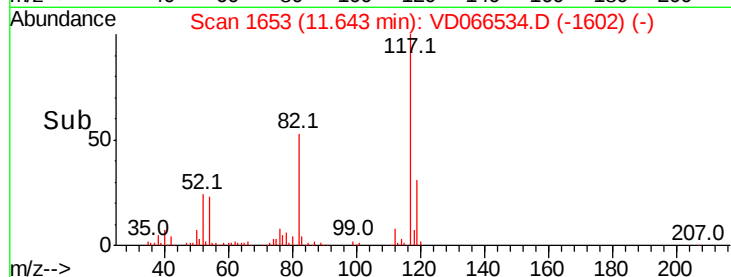
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 192511
Ion Ratio Lower Upper
117 100
82 53.0 38.5 57.7
119 31.2 25.9 38.9

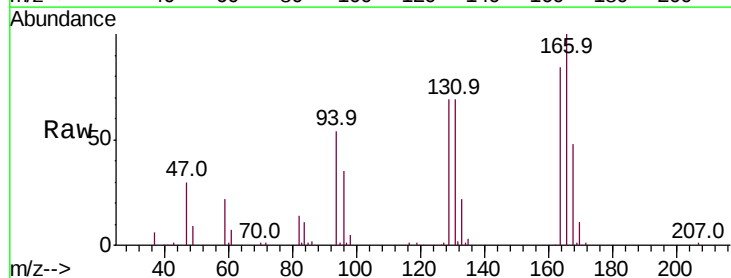


Abundance Ion 116.90 (116.60 to 117.60): V
150000 Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

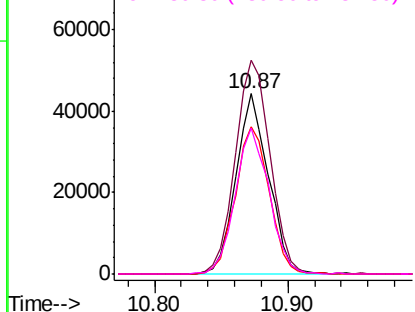
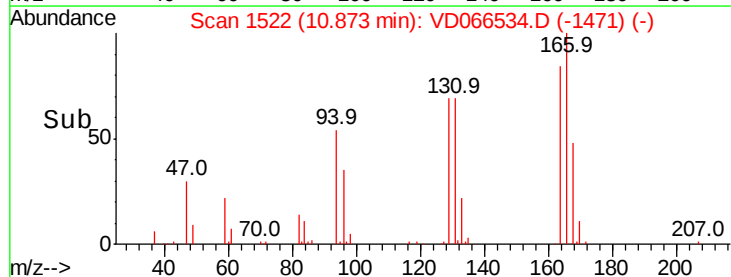


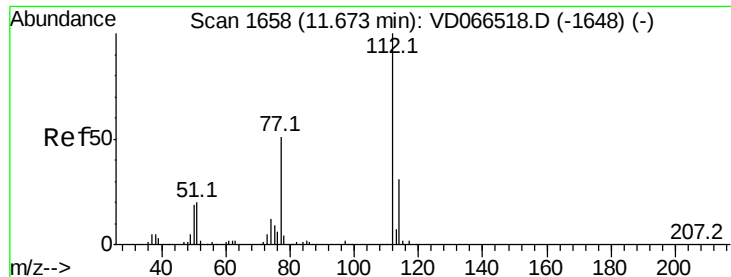
#64
Tetrachloroethene
Concen: 49.733 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion:164 Resp: 74646
Ion Ratio Lower Upper
164 100
166 118.7 103.0 154.6
129 81.5 68.3 102.5
131 81.4 65.6 98.4



Abundance Ion 163.80 (163.50 to 164.50): V
80000 Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

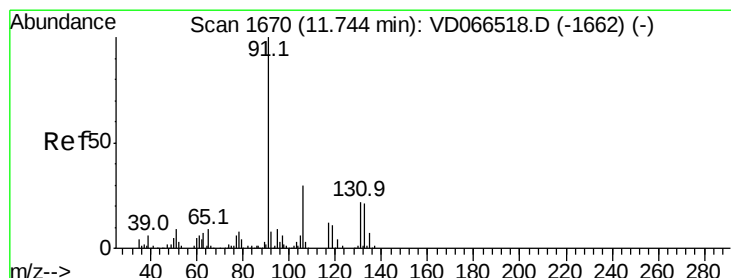
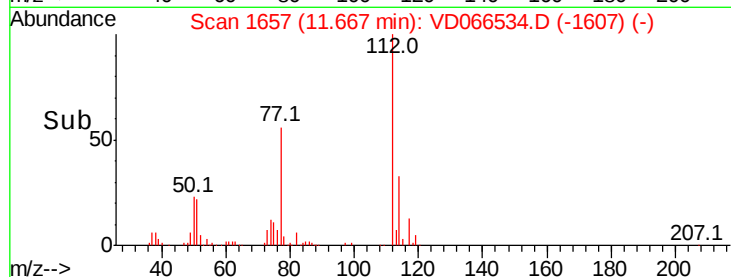
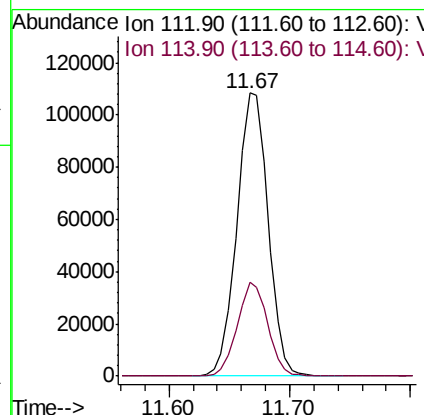
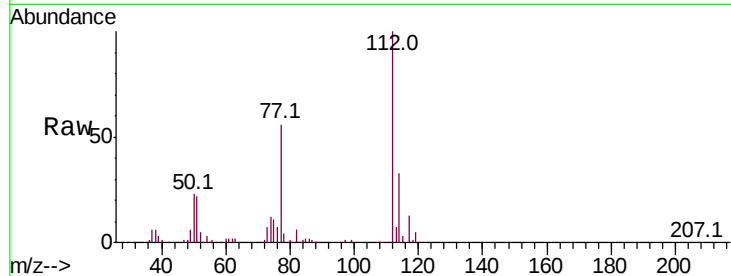




#65
Chlorobenzene
Concen: 51.633 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

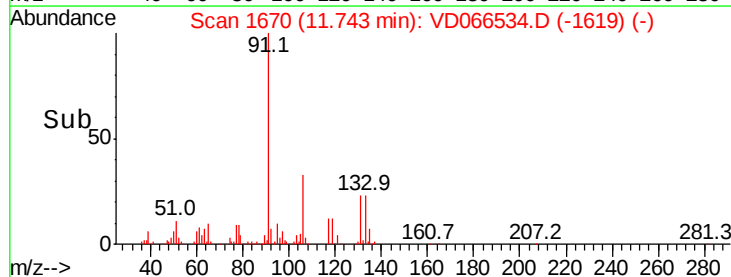
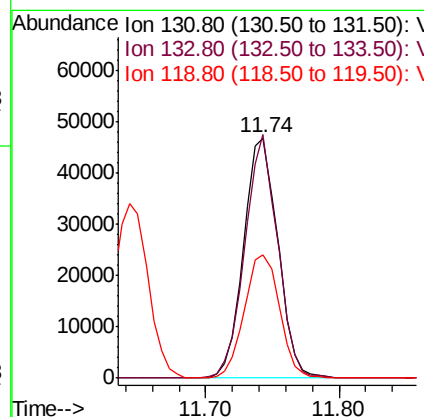
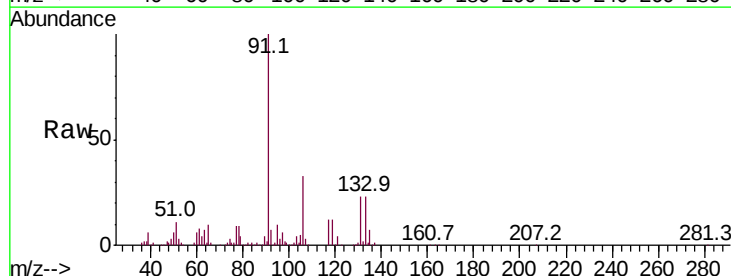
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

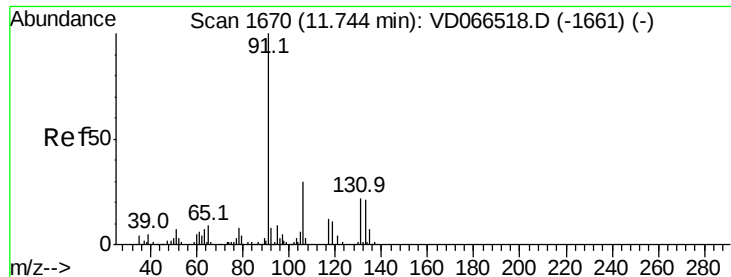
Tot Ion:112 Resp: 195560
Ion Ratio Lower Upper
112 100
114 33.1 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.003 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion:131 Resp: 83335
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 52.6 27.2 81.6





#67

Ethyl Benzene

Concen: 50.414 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

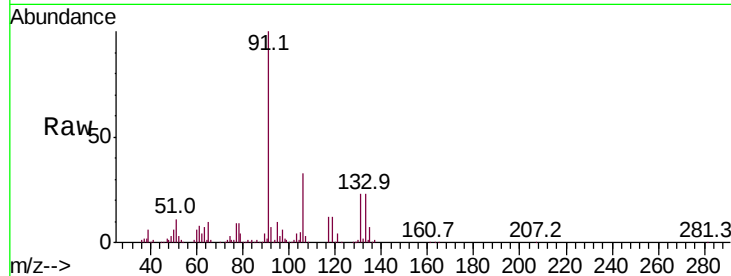
VSTDCCC050EC

Tot Ion: 91 Resp: 336353

Ion Ratio Lower Upper

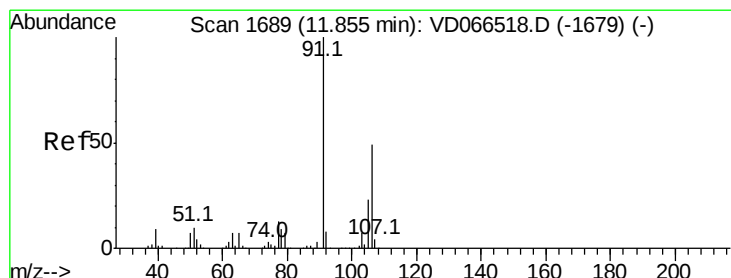
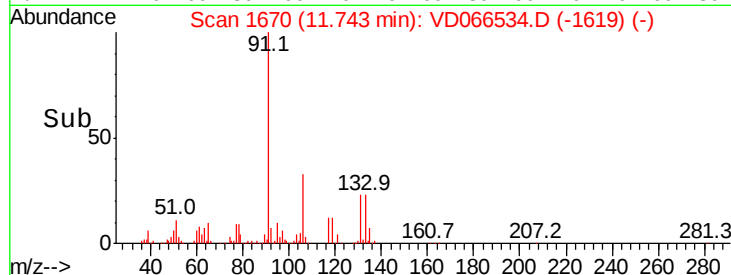
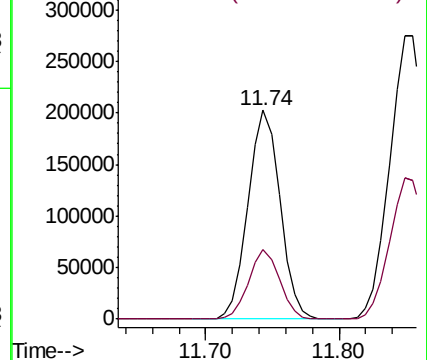
91 100

106 33.1 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.923 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066534.D

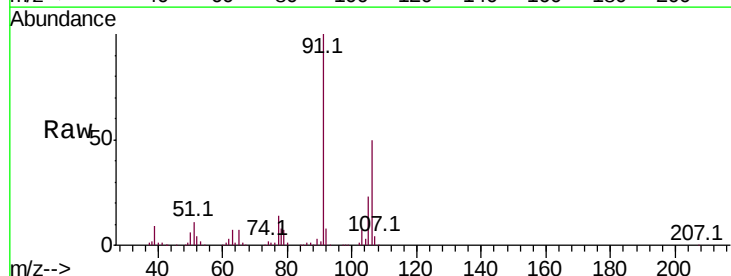
Acq: 02 Sep 2020 20:27

Tgt Ion:106 Resp: 268265

Ion Ratio Lower Upper

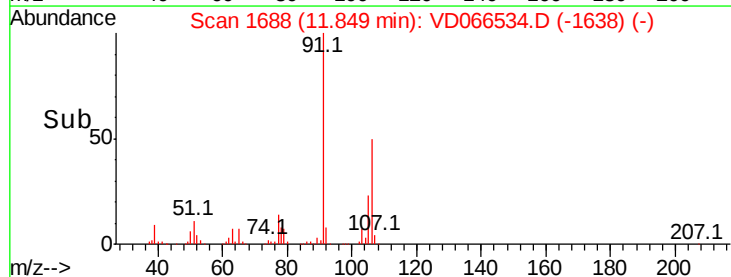
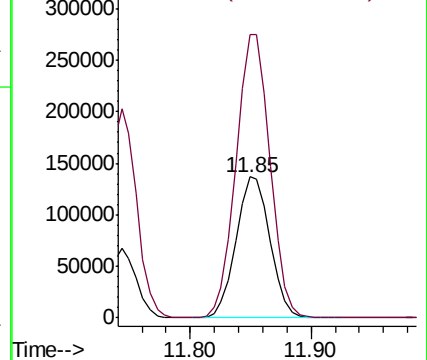
106 100

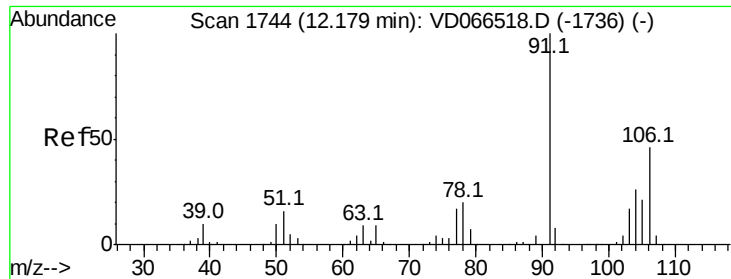
91 201.0 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VD

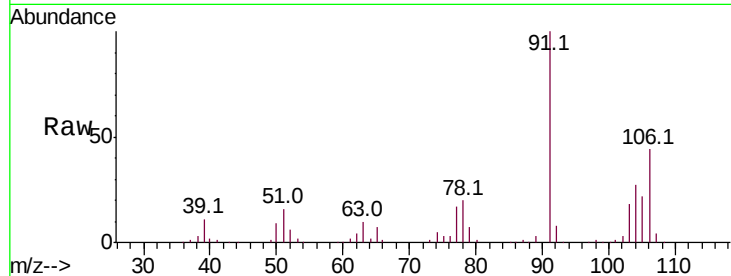




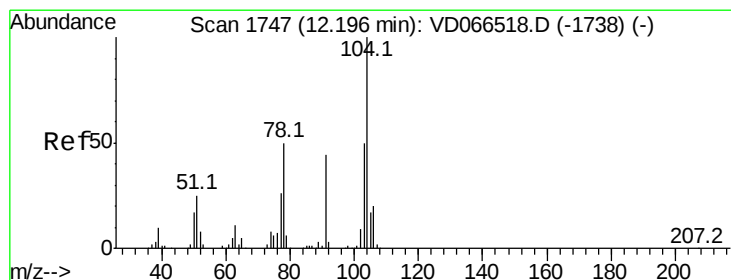
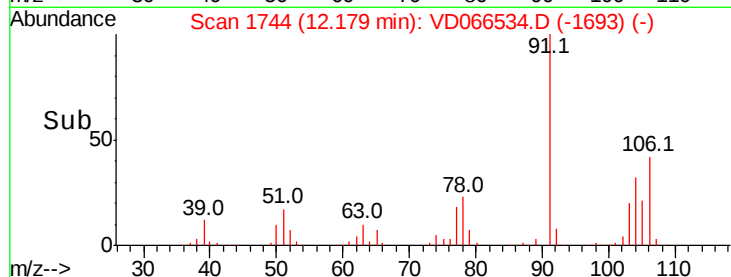
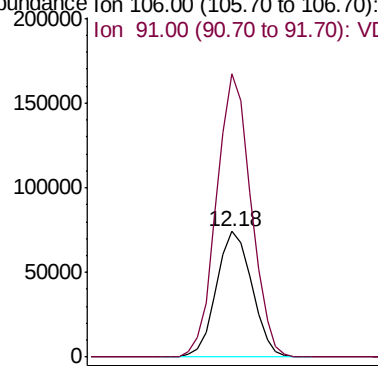
#69
o-Xylene
Concen: 50.030 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 122332
Ion Ratio Lower Upper
106 100
91 218.6 108.7 326.3

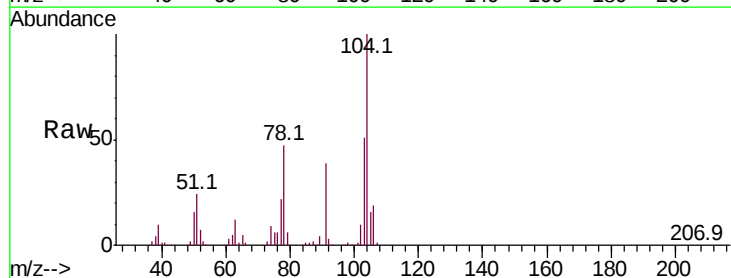


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

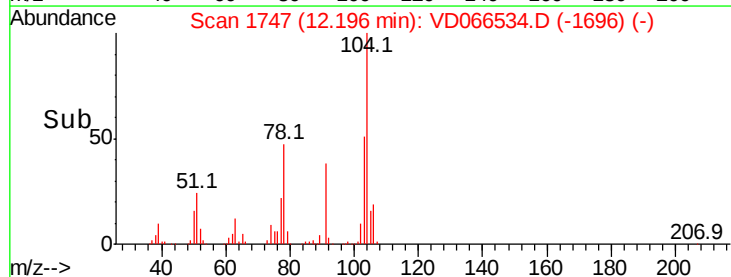
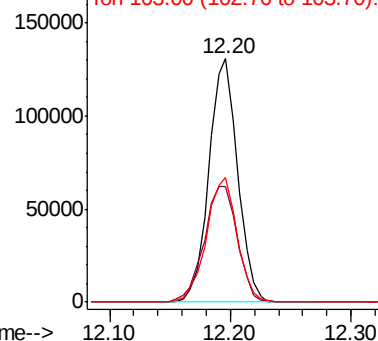


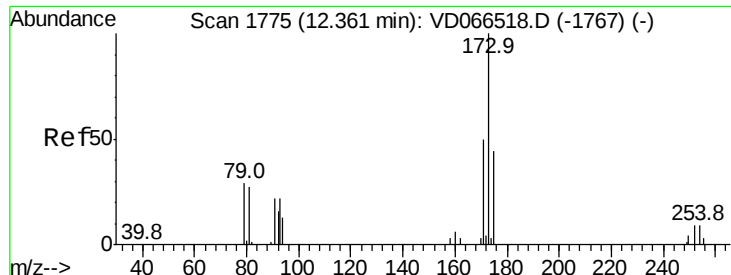
#70
Styrene
Concen: 51.629 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion:104 Resp: 216134
Ion Ratio Lower Upper
104 100
78 55.1 44.3 66.5
103 54.8 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.439 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

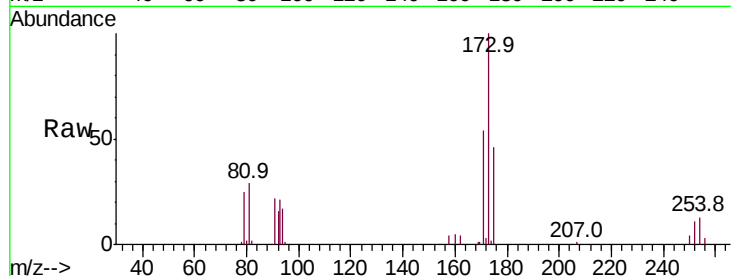
Tot Ion:173 Resp: 47850

Ion Ratio Lower Upper

173 100

175 49.8 22.3 66.8

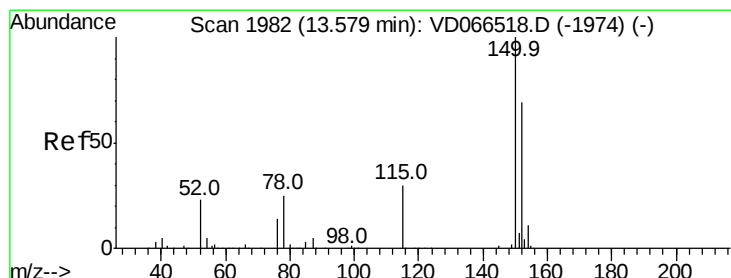
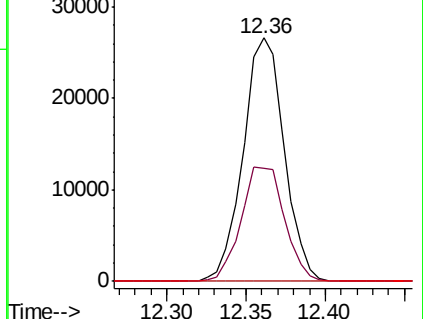
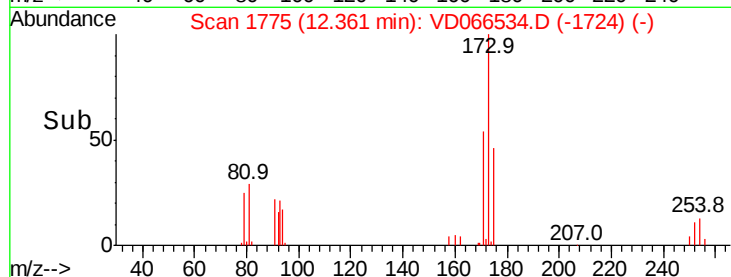
254 0.0 0.0 0.0



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# 1982

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

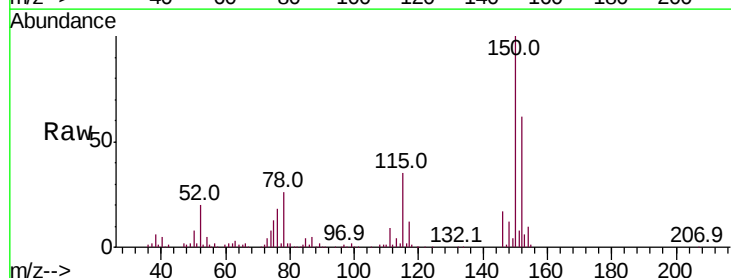
Tgt Ion:152 Resp: 104631

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.8

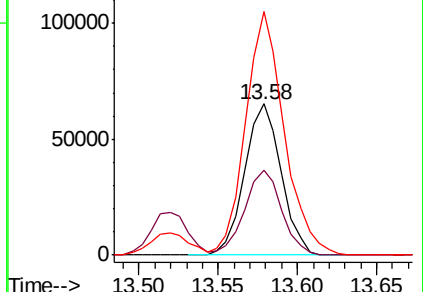
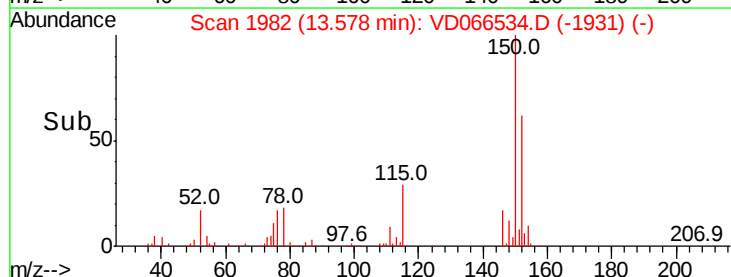
150 169.6 0.0 339.6

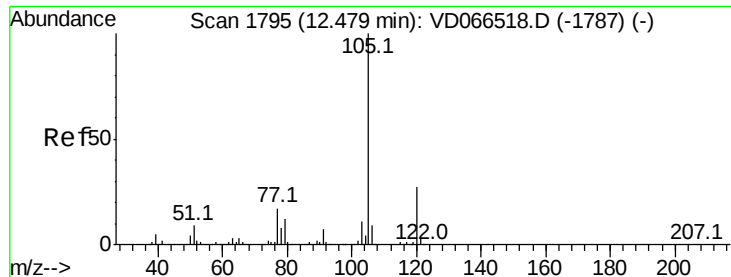


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.571 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

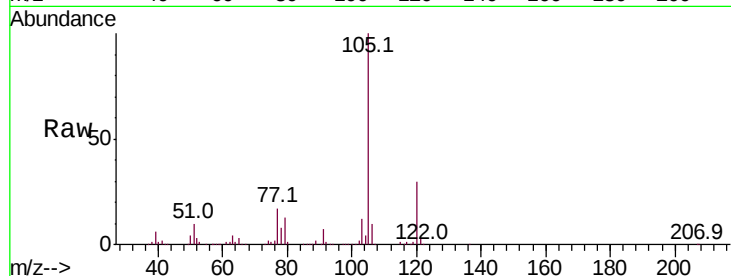
VSTDCCC050EC

Tot Ion:105 Resp: 339584

Ion Ratio Lower Upper

105 100

120 27.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

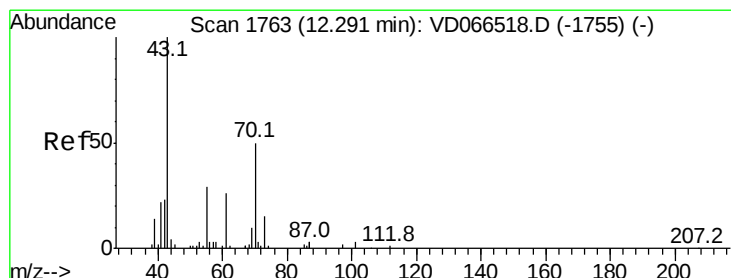
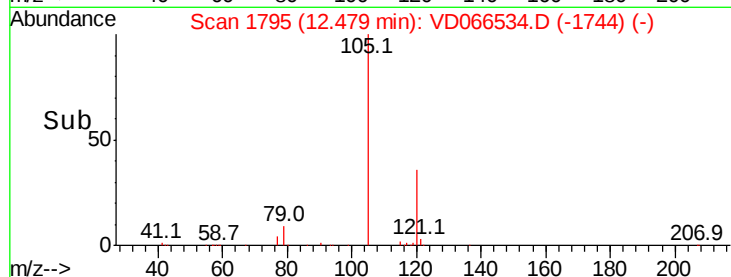
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 53.927 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Tgt Ion: 43 Resp: 56850

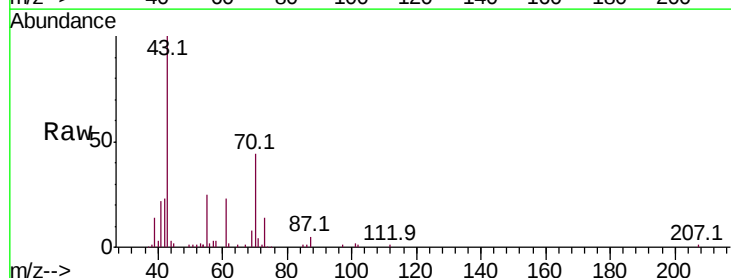
Ion Ratio Lower Upper

43 100

70 41.9 36.2 54.2

55 25.4 20.6 30.8

61 23.8 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

50000

40000

30000

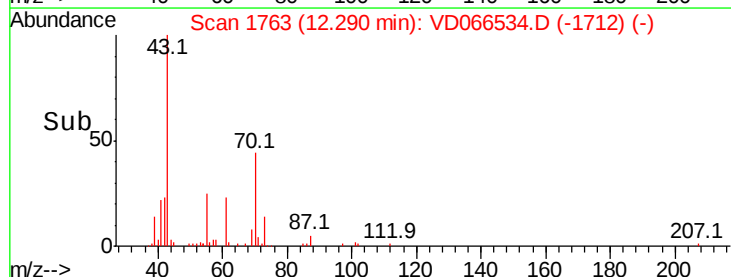
20000

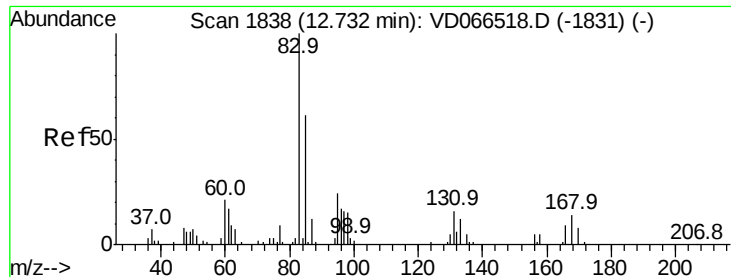
10000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.488 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

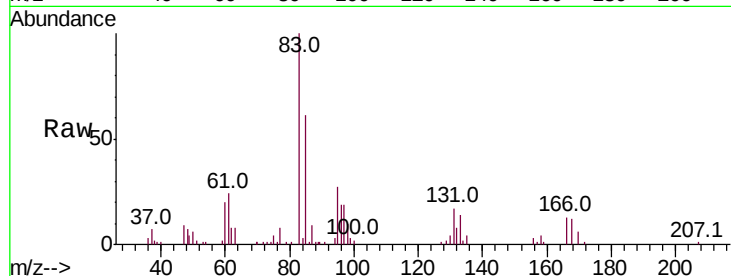
Tot Ion: 83 Resp: 43364

Ion Ratio Lower Upper

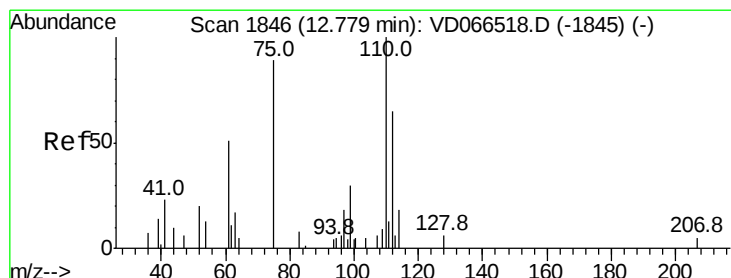
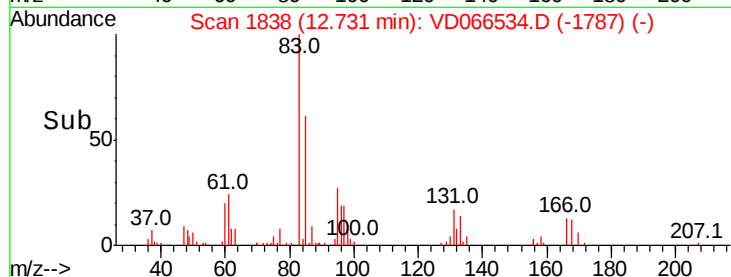
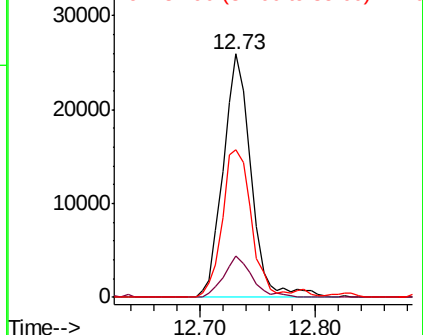
83 100

131 17.1 8.3 24.9

85 63.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 102.352 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066534.D

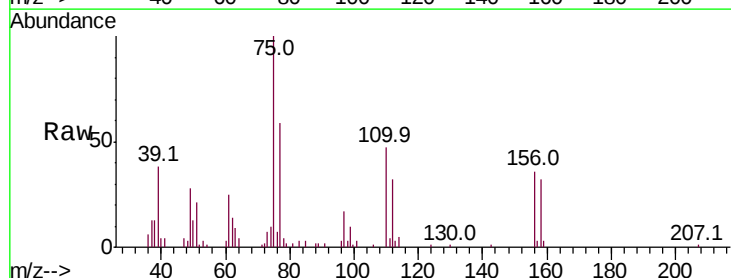
Acq: 02 Sep 2020 20:27

Tgt Ion: 75 Resp: 67368

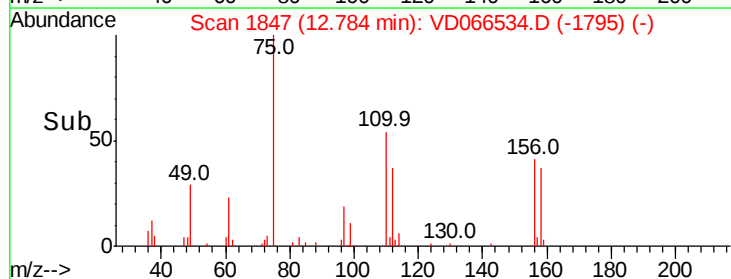
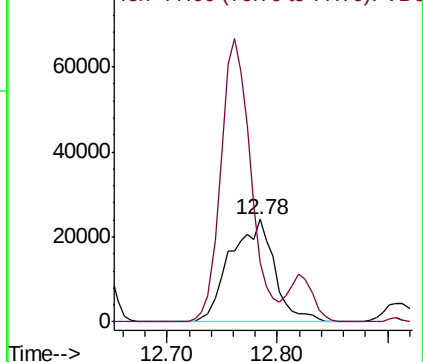
Ion Ratio Lower Upper

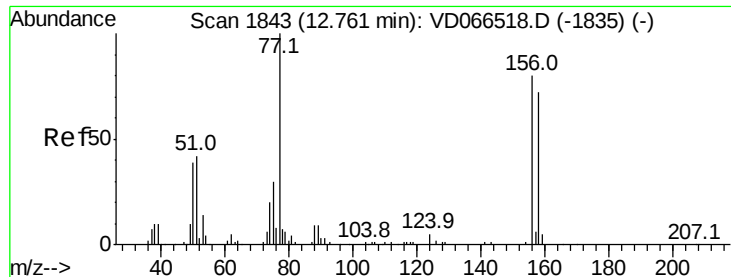
75 100

77 0.0 196.9 590.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 51.378 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

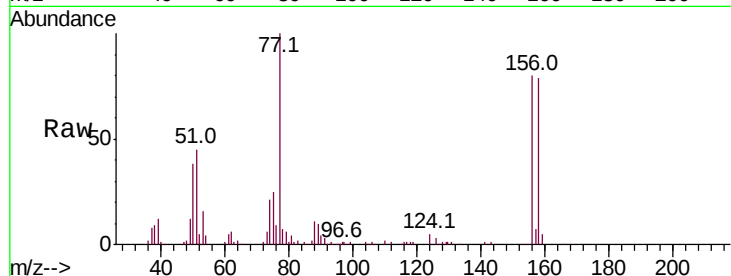
Tot Ion:156 Resp: 91155

Ion Ratio Lower Upper

156 100

77 139.4 71.0 213.2

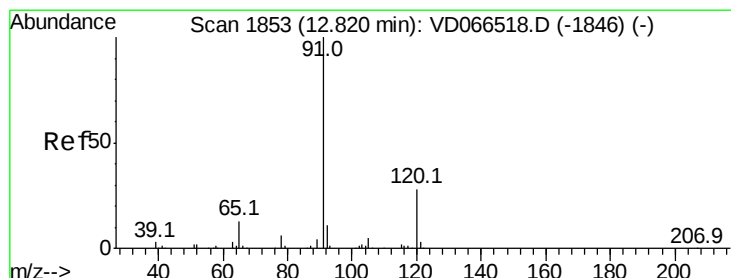
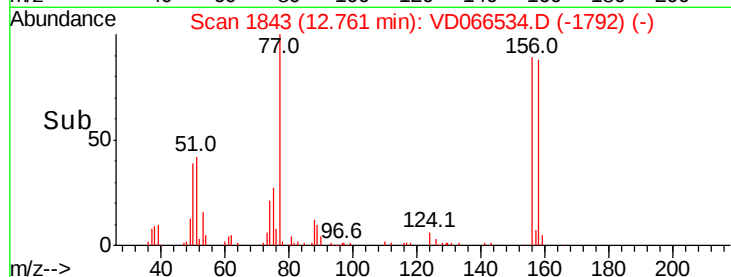
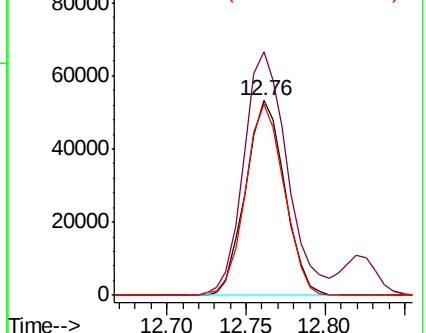
158 97.7 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 48.917 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066534.D

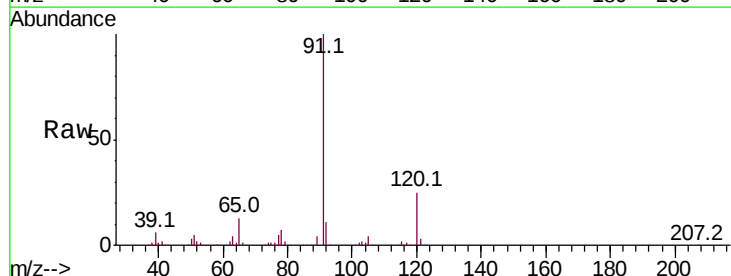
Acq: 02 Sep 2020 20:27

Tgt Ion: 91 Resp: 372678

Ion Ratio Lower Upper

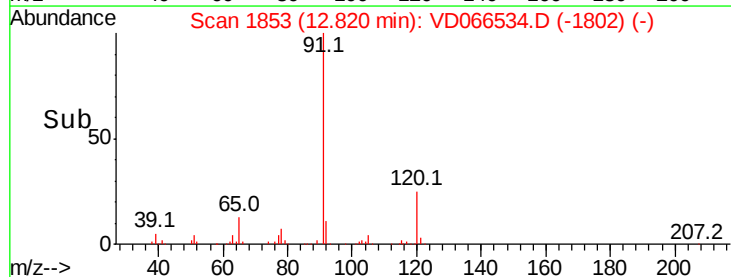
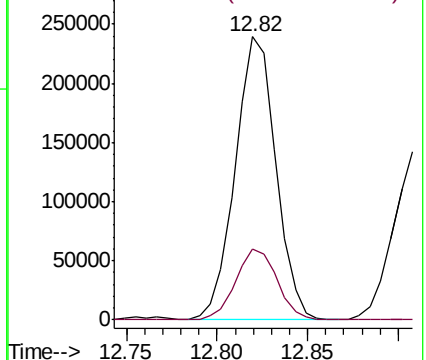
91 100

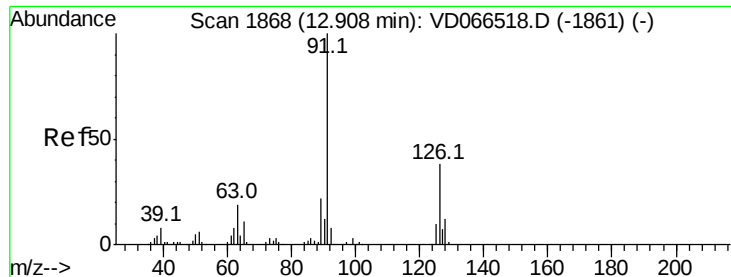
120 25.6 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 50.648 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :

MSVOA_D

ClientSampleId :

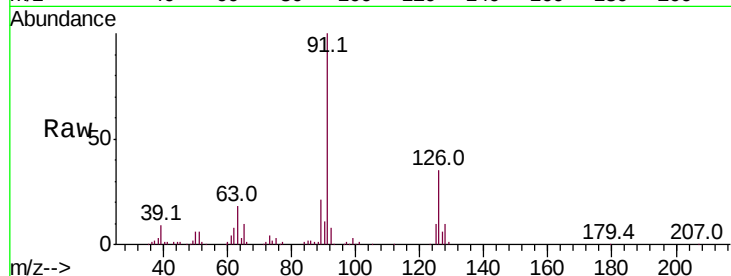
VSTDCCC050EC

Tot Ion: 91 Resp: 223262

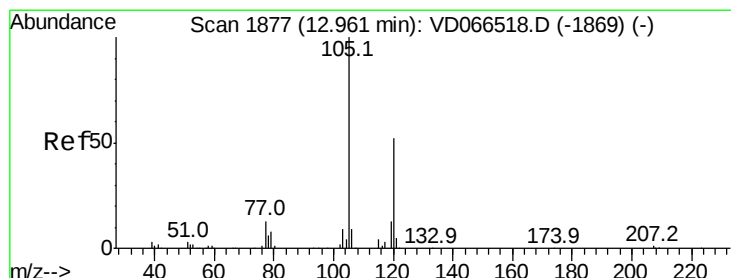
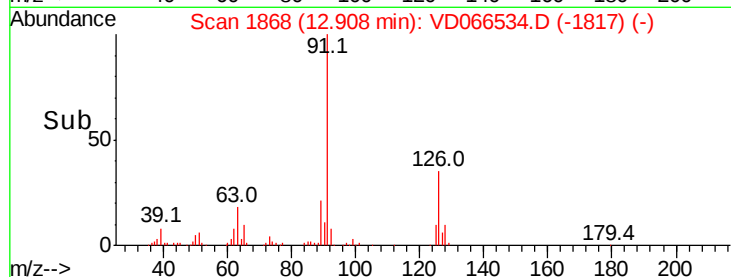
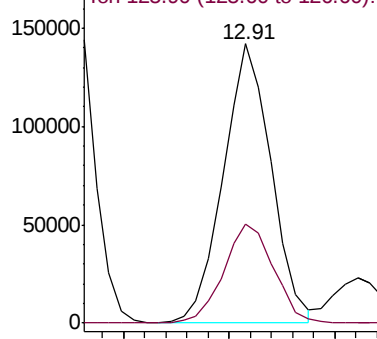
Ion Ratio Lower Upper

91 100

126 36.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 50.427 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066534.D

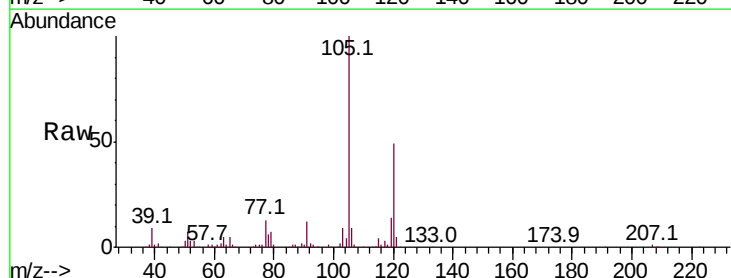
Acq: 02 Sep 2020 20:27

Tgt Ion:105 Resp: 306519

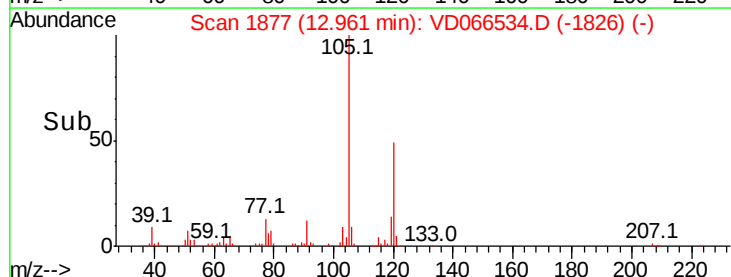
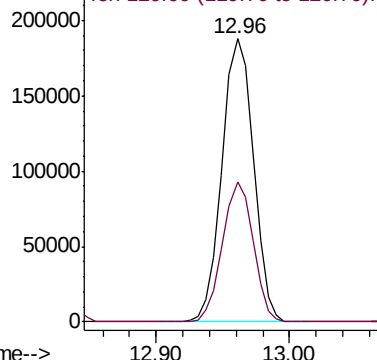
Ion Ratio Lower Upper

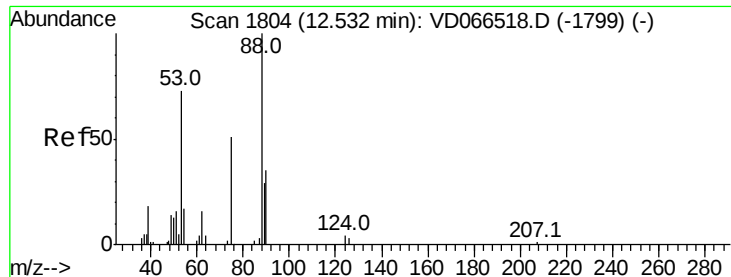
105 100

120 48.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.044 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

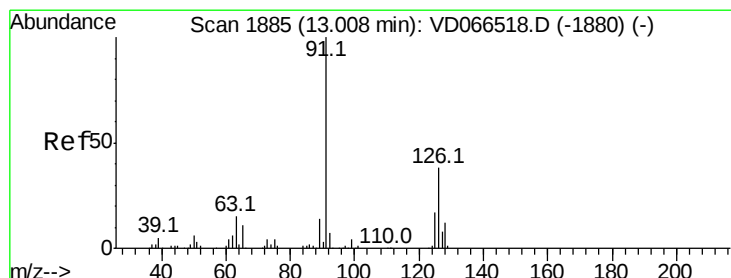
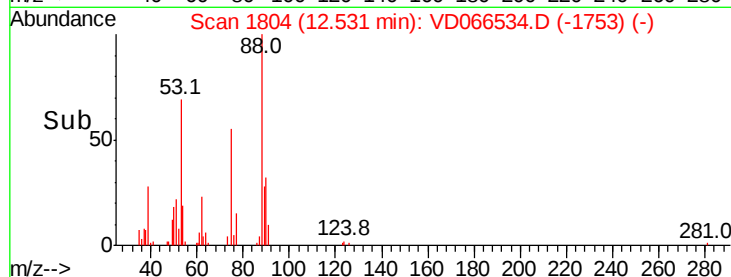
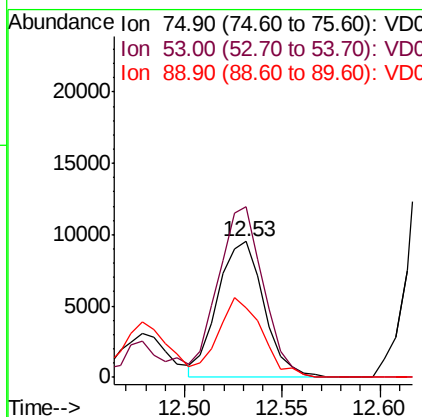
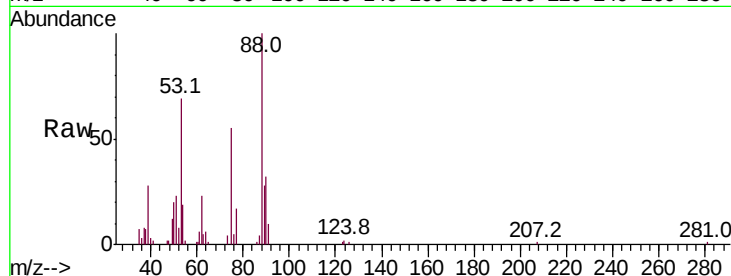
Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 15678

Ion	Ratio	Lower	Upper
75	100		
53	122.4	101.8	152.8
89	56.3	46.0	69.0



#82

4-Chlorotoluene

Concen: 50.366 ug/l

RT: 13.01 min Scan# 1885

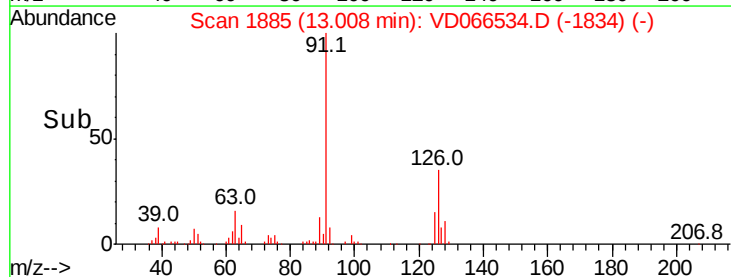
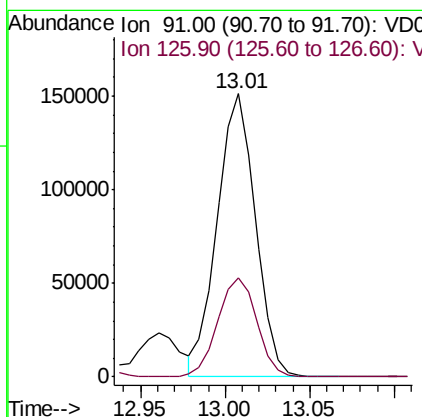
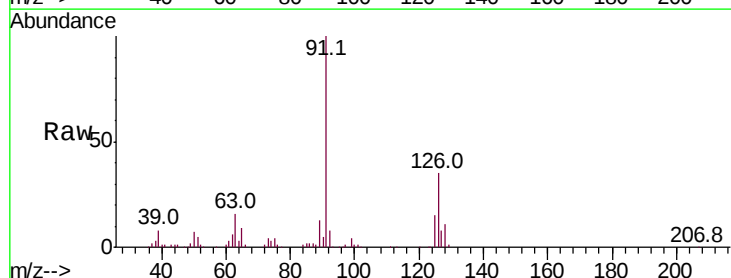
Delta R.T. -0.00 min

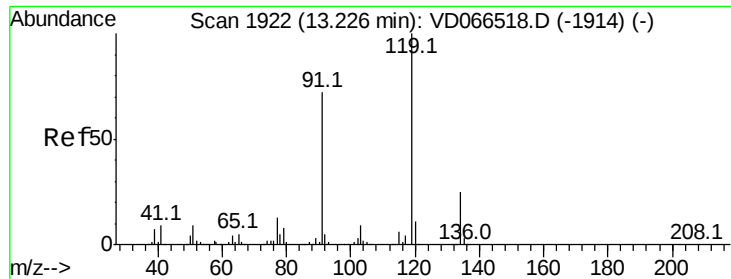
Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Tgt Ion: 91 Resp: 238471

Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.2	54.6

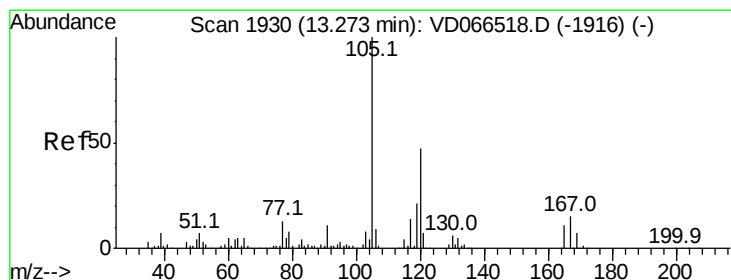
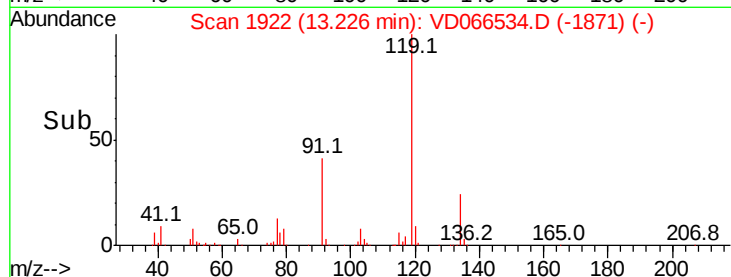
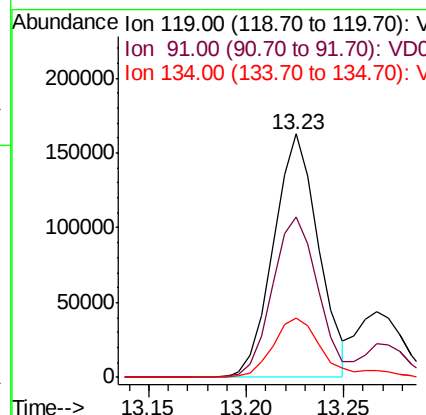
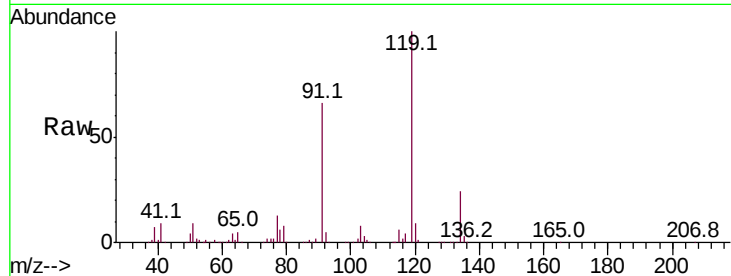




#83
tert-Butylbenzene
Concen: 48.745 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

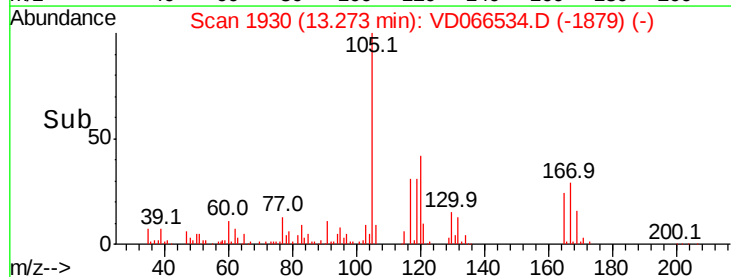
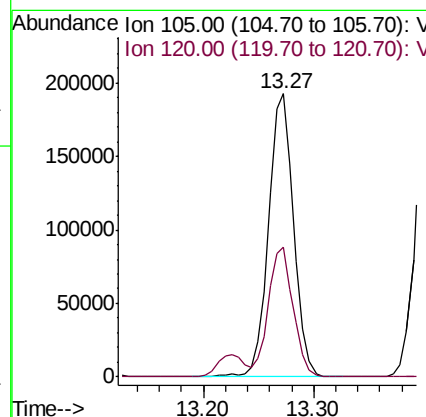
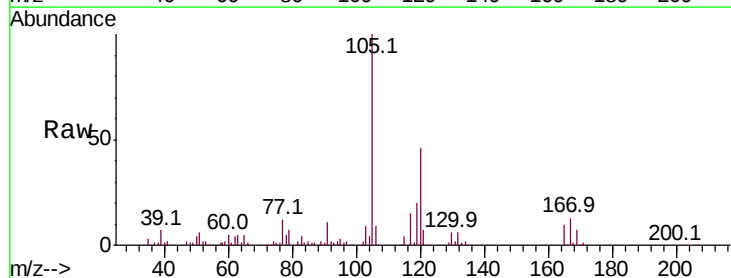
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

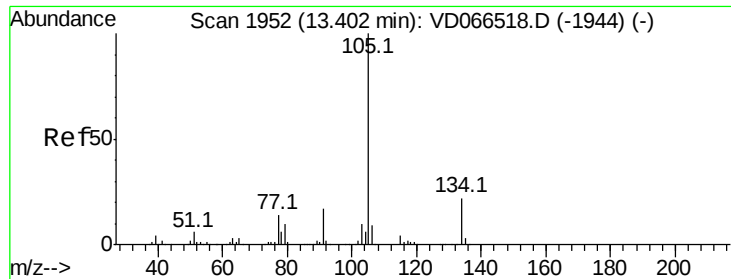
Tot Ion:119 Resp: 259879
Ion Ratio Lower Upper
119 100
91 68.0 34.4 103.2
134 27.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 50.390 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion:105 Resp: 306338
Ion Ratio Lower Upper
105 100
120 45.1 21.7 65.1

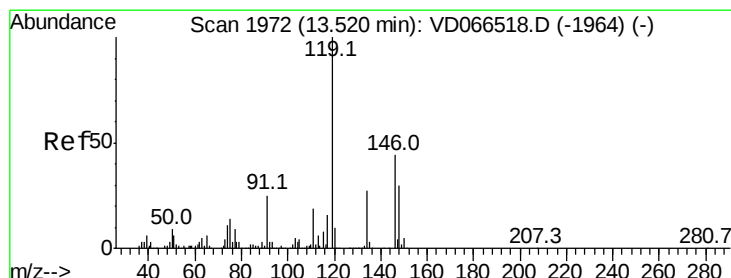
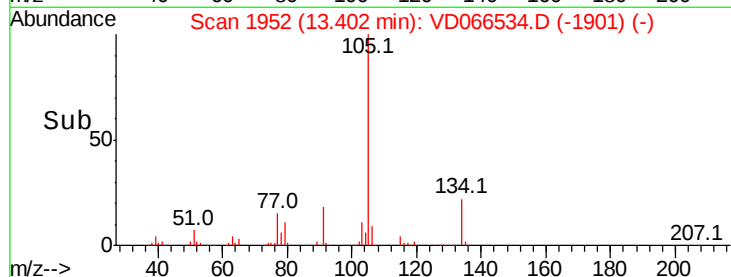
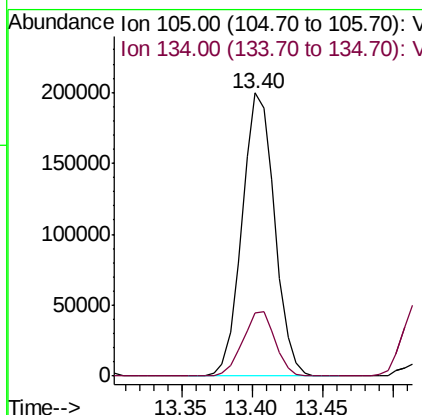
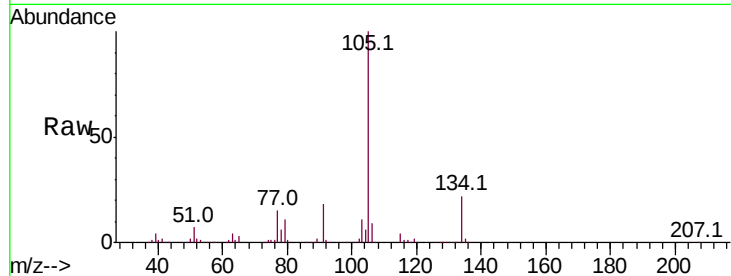




#85
 sec-Butylbenzene
 Concen: 47.541 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

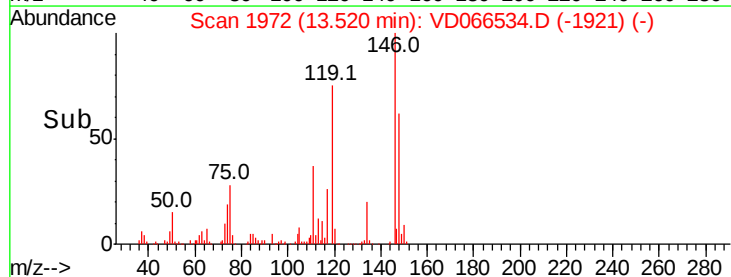
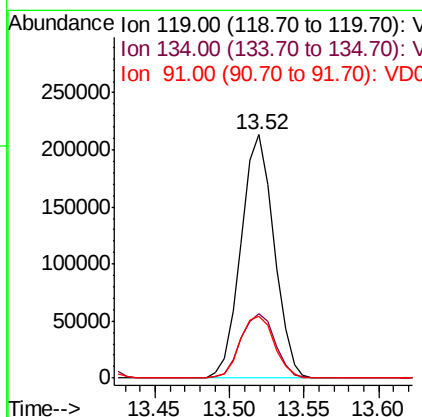
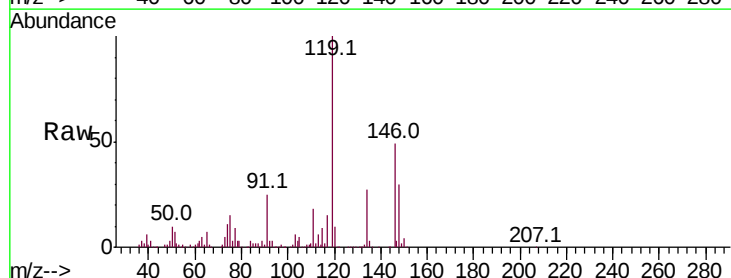
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

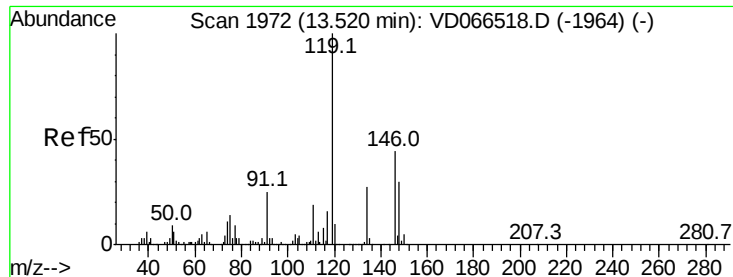
Tot Ion:105 Resp: 321100
 Ion Ratio Lower Upper
 105 100
 134 22.7 11.5 34.4



#86
 p-Isopropyltoluene
 Concen: 48.461 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion:119 Resp: 327152
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.5 40.4
 91 26.4 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 50.884 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

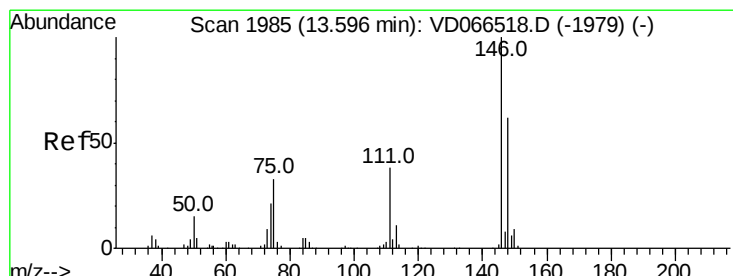
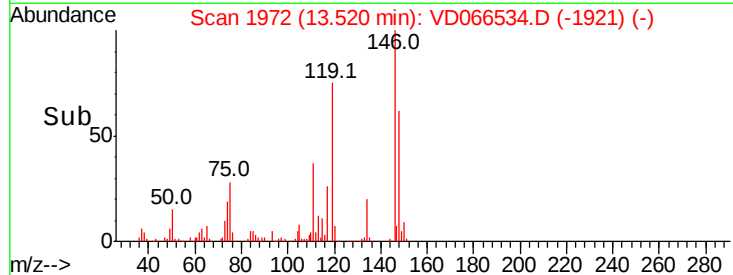
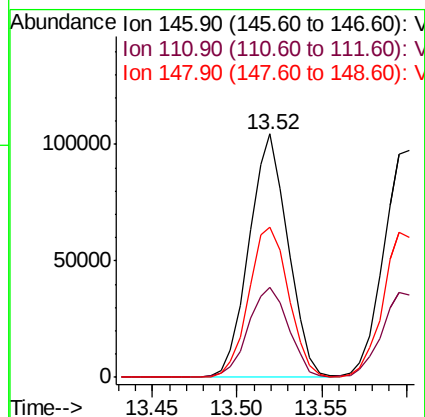
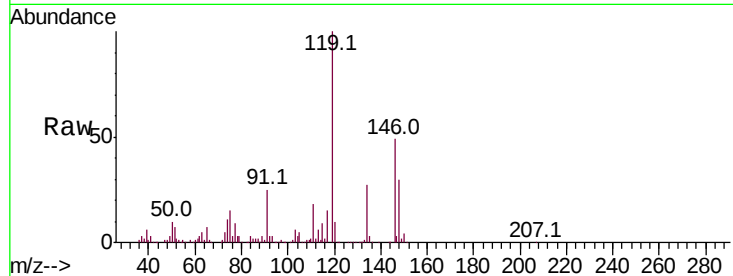
Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 167437

Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.3	61.0
148	63.3	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 49.400 ug/l

RT: 13.60 min Scan# 1986

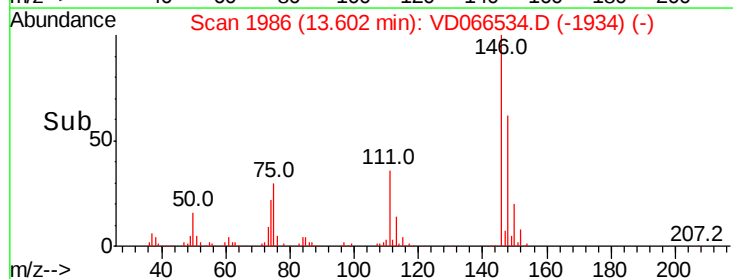
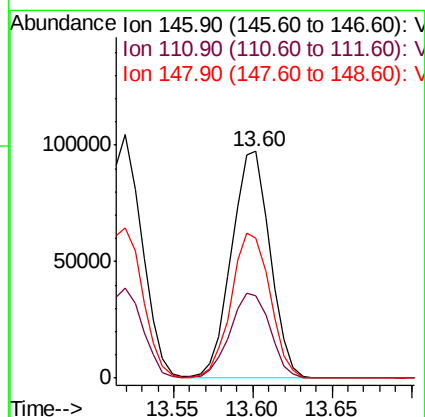
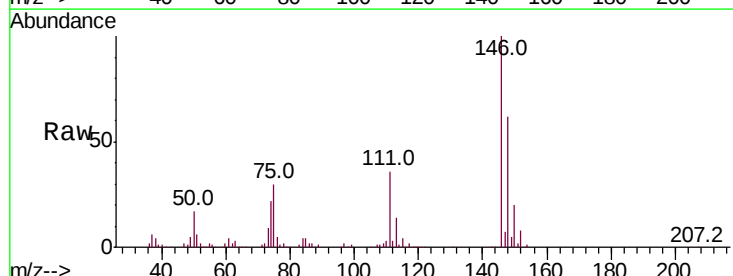
Delta R.T. 0.01 min

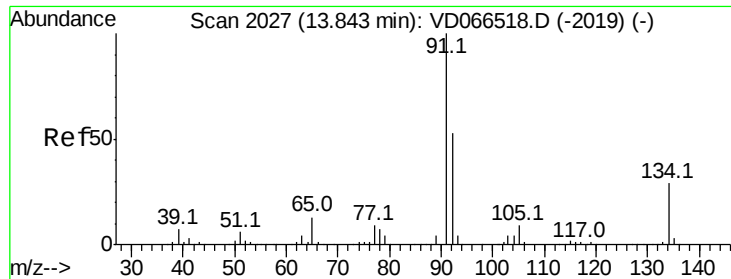
Lab File: VD066534.D

Acq: 02 Sep 2020 20:27

Tgt Ion:146 Resp: 164443

Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.4	55.4
148	64.4	31.5	94.5

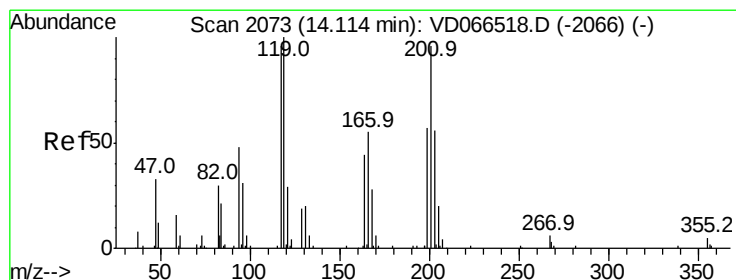
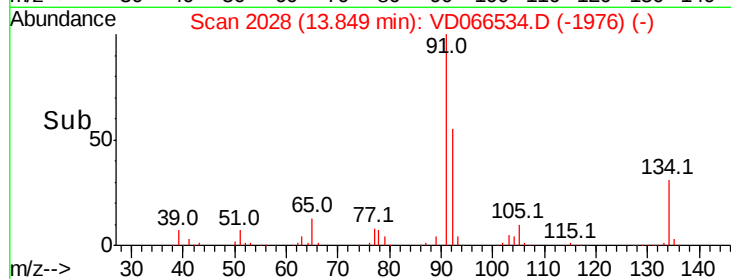
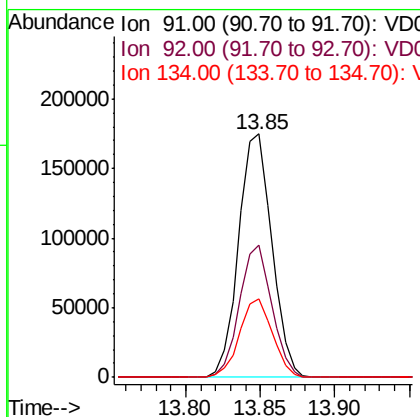
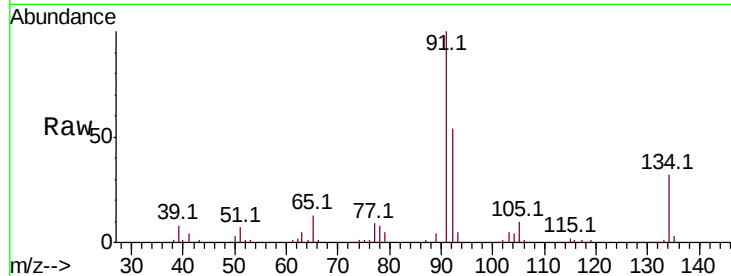




#89
n-Butylbenzene
Concen: 47.758 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

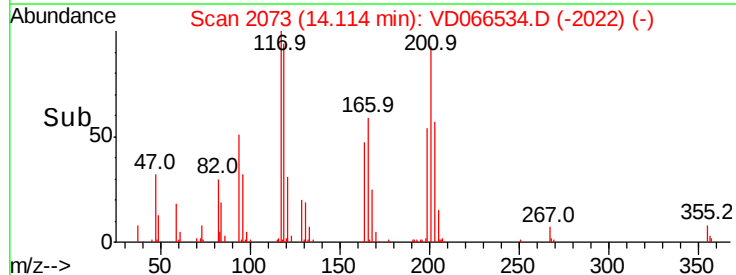
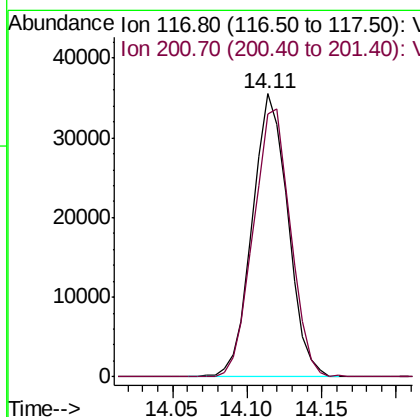
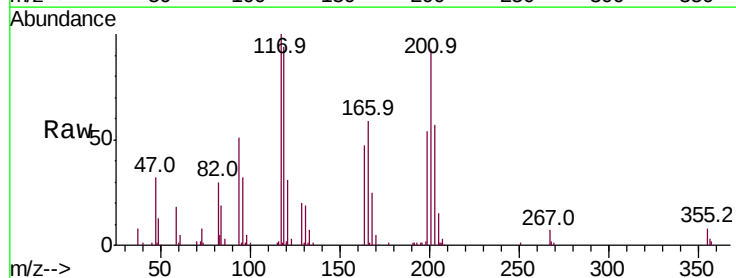
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

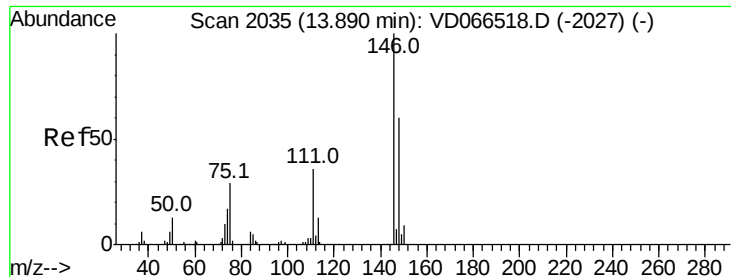
Tot Ion: 91 Resp: 270051
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 32.1 15.0 45.1



#90
Hexachloroethane
Concen: 48.374 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion: 117 Resp: 58603
Ion Ratio Lower Upper
117 100
201 98.3 50.0 150.0

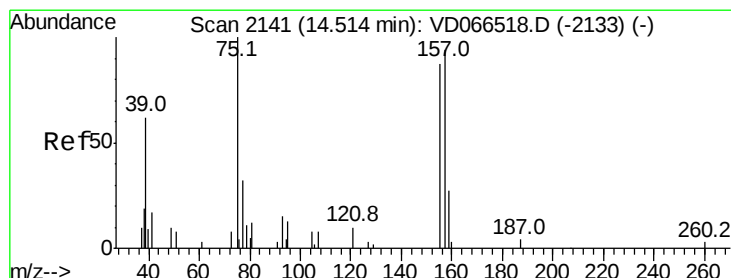
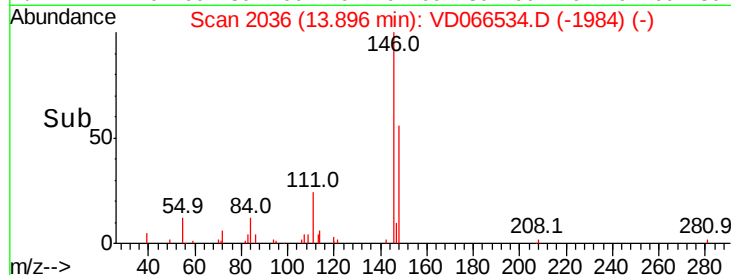
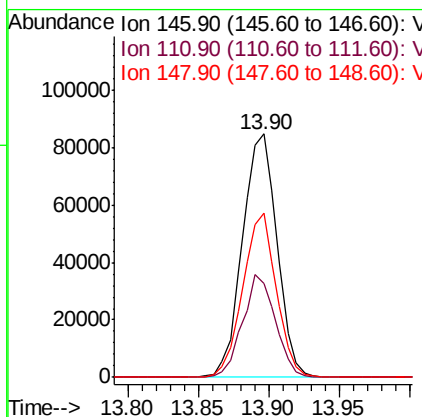
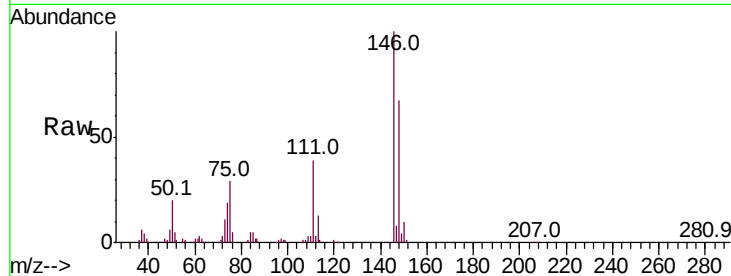




#91
 1,2-Dichlorobenzene
 Concen: 50.947 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

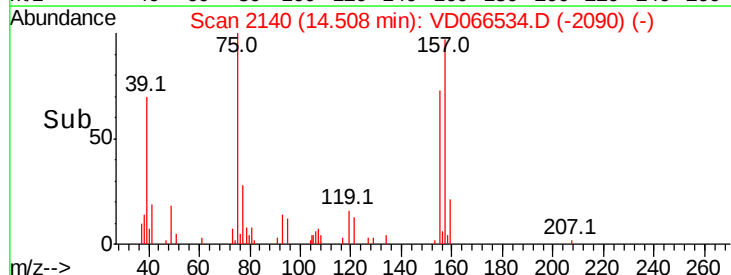
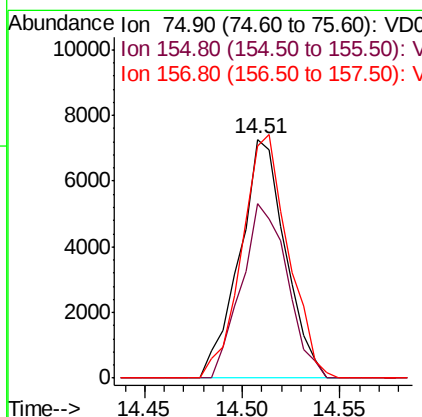
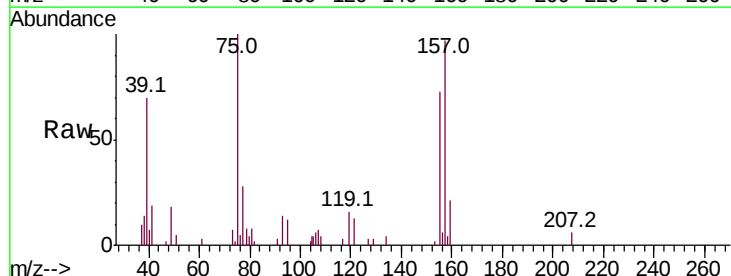
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

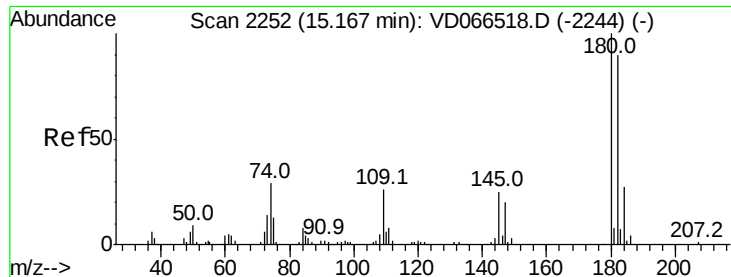
Tot Ion:146 Resp: 145817
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 65.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.158 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion: 75 Resp: 11833
 Ion Ratio Lower Upper
 75 100
 155 73.2 40.8 122.5
 157 103.1 49.3 147.8

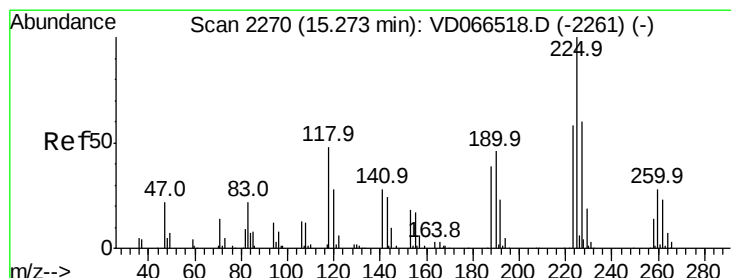
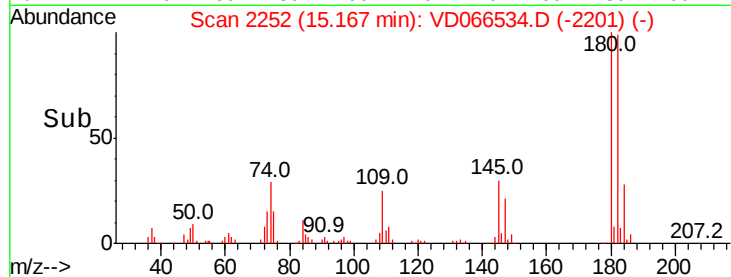
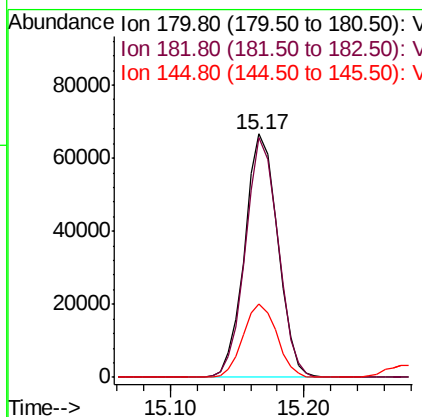
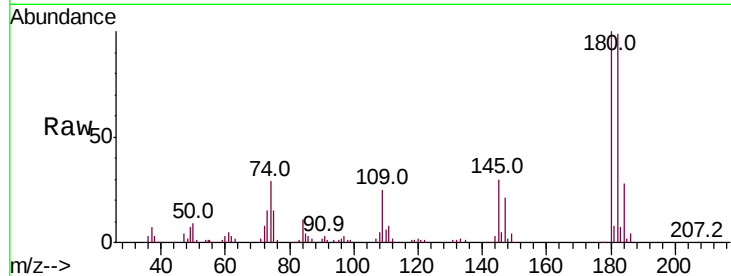




#93
 1,2,4-Trichlorobenzene
 Concen: 50.569 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

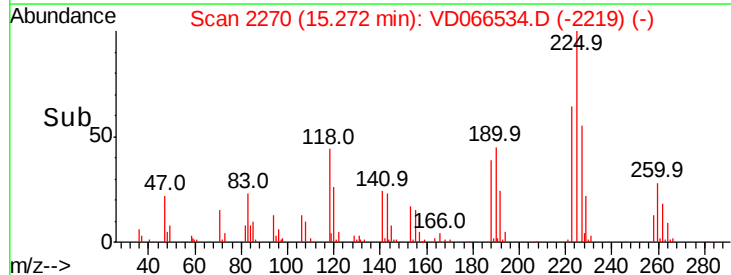
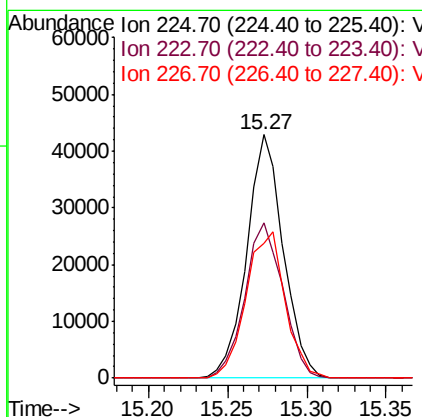
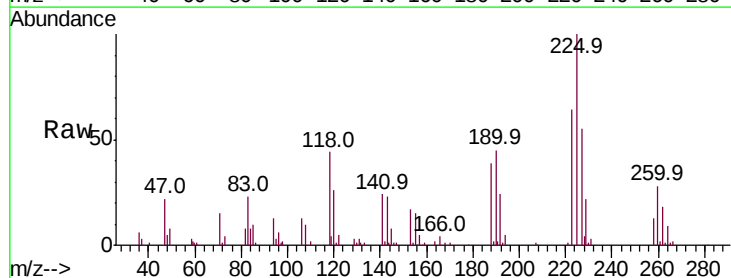
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

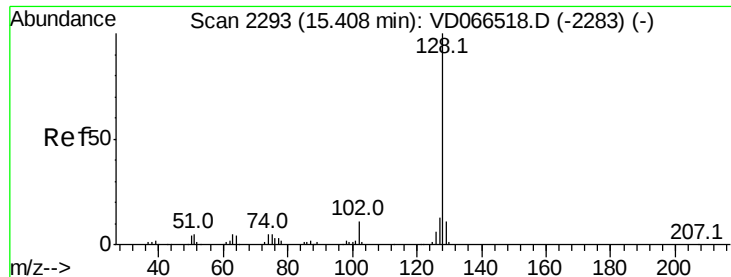
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.6
145	30.7	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 46.811 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066534.D
 Acq: 02 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.6	94.7
227	64.4	31.4	94.3

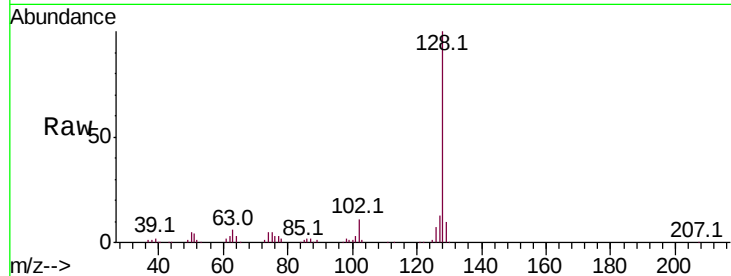




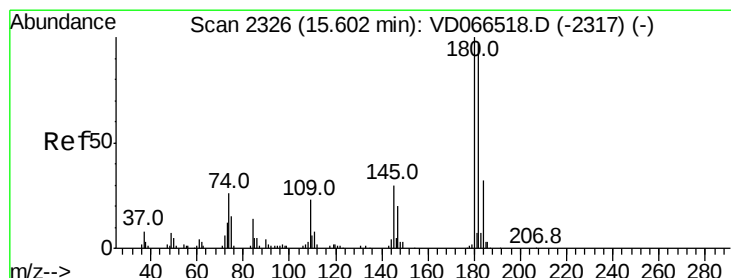
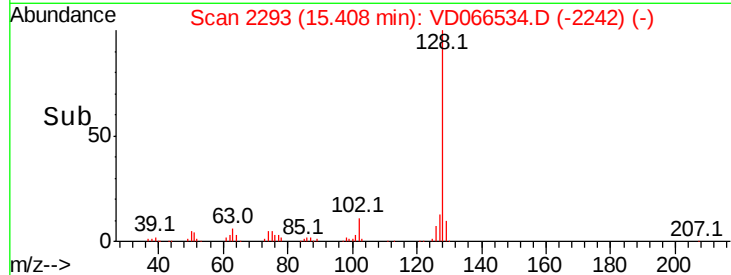
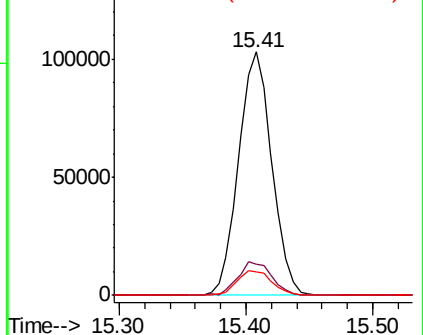
#95
Naphthalene
Concen: 53.285 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 187115
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 10.7 8.6 12.8

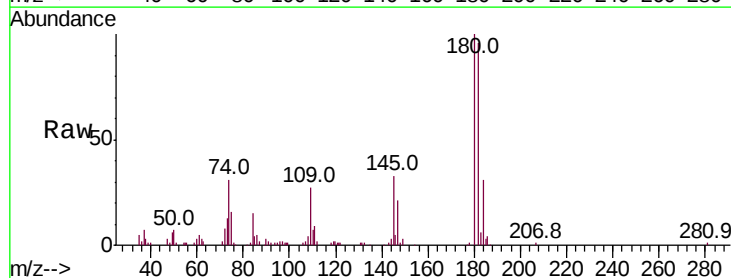


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.888 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066534.D
Acq: 02 Sep 2020 20:27

Tgt Ion:180 Resp: 99333
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 32.4 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

