

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066596.D
 Acq On : 09 Sep 2020 22:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 10 02:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	333446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	572959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	525865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	232176	57.55	ug/l	0.00
Spiked Amount			Recovery	=	115.10%	
35) Dibromofluoromethane	7.91	113	213599	55.26	ug/l	0.00
Spiked Amount			Recovery	=	110.52%	
50) Toluene-d8	10.34	98	762860	55.22	ug/l	0.00
Spiked Amount			Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.63	95	256370	55.97	ug/l	0.00
Spiked Amount			Recovery	=	111.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	143688	52.371	ug/l	97
3) Chloromethane	2.21	50	202684	48.065	ug/l	98
4) Vinyl Chloride	2.35	62	229497	49.069	ug/l	100
5) Bromomethane	2.77	94	168491	57.682	ug/l #	77
6) Chloroethane	2.92	64	154767	52.098	ug/l	97
7) Trichlorofluoromethane	3.27	101	338390	48.976	ug/l	97
8) Diethyl Ether	3.70	74	91629	52.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	184317	49.291	ug/l	98
10) Methyl Iodide	4.30	142	172694	50.580	ug/l	99
11) Tert butyl alcohol	5.21	59	66104	264.616	ug/l	97
12) 1,1-Dichloroethene	4.07	96	171230	50.969	ug/l	91
13) Acrolein	3.92	56	47935	290.587	ug/l	92
14) Allyl chloride	4.71	41	296541	53.860	ug/l	98
15) Acrylonitrile	5.41	53	217024	290.373	ug/l	99
16) Acetone	4.16	43	177399	238.981	ug/l	96
17) Carbon Disulfide	4.41	76	535355	48.474	ug/l	98
18) Methyl Acetate	4.72	43	102737	58.059	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	459100	58.275	ug/l	96
20) Methylene Chloride	4.96	84	223717	56.110	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	208522	52.269	ug/l	99
22) Diisopropyl ether	6.36	45	653337	57.704	ug/l	99
23) Vinyl Acetate	6.30	43	1919497	297.913	ug/l	97
24) 1,1-Dichloroethane	6.26	63	379077	53.241	ug/l	97
25) 2-Butanone	7.21	43	274810	275.782	ug/l	98
26) 2,2-Dichloropropane	7.20	77	310029	47.470	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	230812	53.801	ug/l	98
28) Bromochloromethane	7.54	49	159689	58.256	ug/l	99
29) Tetrahydrofuran	7.56	42	183949	296.407	ug/l	99
30) Chloroform	7.71	83	404413	53.689	ug/l	99
31) Cyclohexane	7.98	56	316243	48.049	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	362100	51.129	ug/l	100
36) 1,1-Dichloropropene	8.11	75	294965	49.468	ug/l	99
37) Ethyl Acetate	7.28	43	129277	54.447	ug/l	95
38) Carbon Tetrachloride	8.09	117	321474	51.007	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	335677	50.415	ug/l	99
40) Benzene	8.34	78	831810	50.935	ug/l	99
41) Methacrylonitrile	7.56	41	184610	160.624	ug/l #	45
42) 1,2-Dichloroethane	8.42	62	277555	52.456	ug/l	100
43) Isopropyl Acetate	8.45	43	251795	55.337	ug/l	99
44) Trichloroethene	9.11	130	217978	50.885	ug/l	98
45) 1,2-Dichloropropane	9.38	63	217586	52.981	ug/l	97
46) Dibromomethane	9.47	93	119663	52.813	ug/l	98
47) Bromodichloromethane	9.66	83	321182	52.394	ug/l	94
48) Methyl methacrylate	9.45	41	120790	52.498	ug/l	94
49) 1,4-Dioxane	9.45	88	25869	1040.687	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	667709	290.968	ug/l	98
52) Toluene	10.40	92	543952	52.620	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	291477	53.862	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	343378	52.838	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	157020	53.898	ug/l	96
56) Ethyl methacrylate	10.66	69	199149	58.711	ug/l	99
57) 1,3-Dichloropropane	10.94	76	273492	53.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	434439	280.013	ug/l	99
59) 2-Hexanone	10.98	43	446332	289.225	ug/l	100
60) Dibromochloromethane	11.14	129	207300	53.811	ug/l	99
61) 1,2-Dibromoethane	11.24	107	150585	53.130	ug/l	97
64) Tetrachloroethene	10.87	164	177347	50.089	ug/l	98
65) Chlorobenzene	11.67	112	554815	51.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	216288	52.215	ug/l	99
67) Ethyl Benzene	11.74	91	1039322	52.151	ug/l	100
68) m/p-Xylenes	11.85	106	772151	104.349	ug/l	97
69) o-Xylene	12.18	106	347340	52.377	ug/l	94
70) Styrene	12.20	104	628061	54.476	ug/l	98
71) Bromoform	12.36	173	110571	52.967	ug/l #	99
73) Isopropylbenzene	12.48	105	967193	54.002	ug/l	100
74) N-amyl acetate	12.29	43	229164	56.494	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	175266	55.391	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	229241	98.536	ug/l #	100
77) Bromobenzene	12.76	156	216328	54.177	ug/l	99
78) n-propylbenzene	12.82	91	1171134	53.940	ug/l	100
79) 2-Chlorotoluene	12.91	91	661751	54.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	824099	54.668	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53874	54.064	ug/l	95
82) 4-Chlorotoluene	13.01	91	693402	53.236	ug/l	99
83) tert-Butylbenzene	13.23	119	684509	55.606	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	820133	54.645	ug/l	98
85) sec-Butylbenzene	13.40	105	949667	53.546	ug/l	99
86) p-Isopropyltoluene	13.51	119	877298	54.958	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	419578	52.930	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	405587	50.976	ug/l	99
89) n-Butylbenzene	13.84	91	817350	52.543	ug/l	100
90) Hexachloroethane	14.11	117	181588	52.794	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	355072	51.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29617	55.101	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

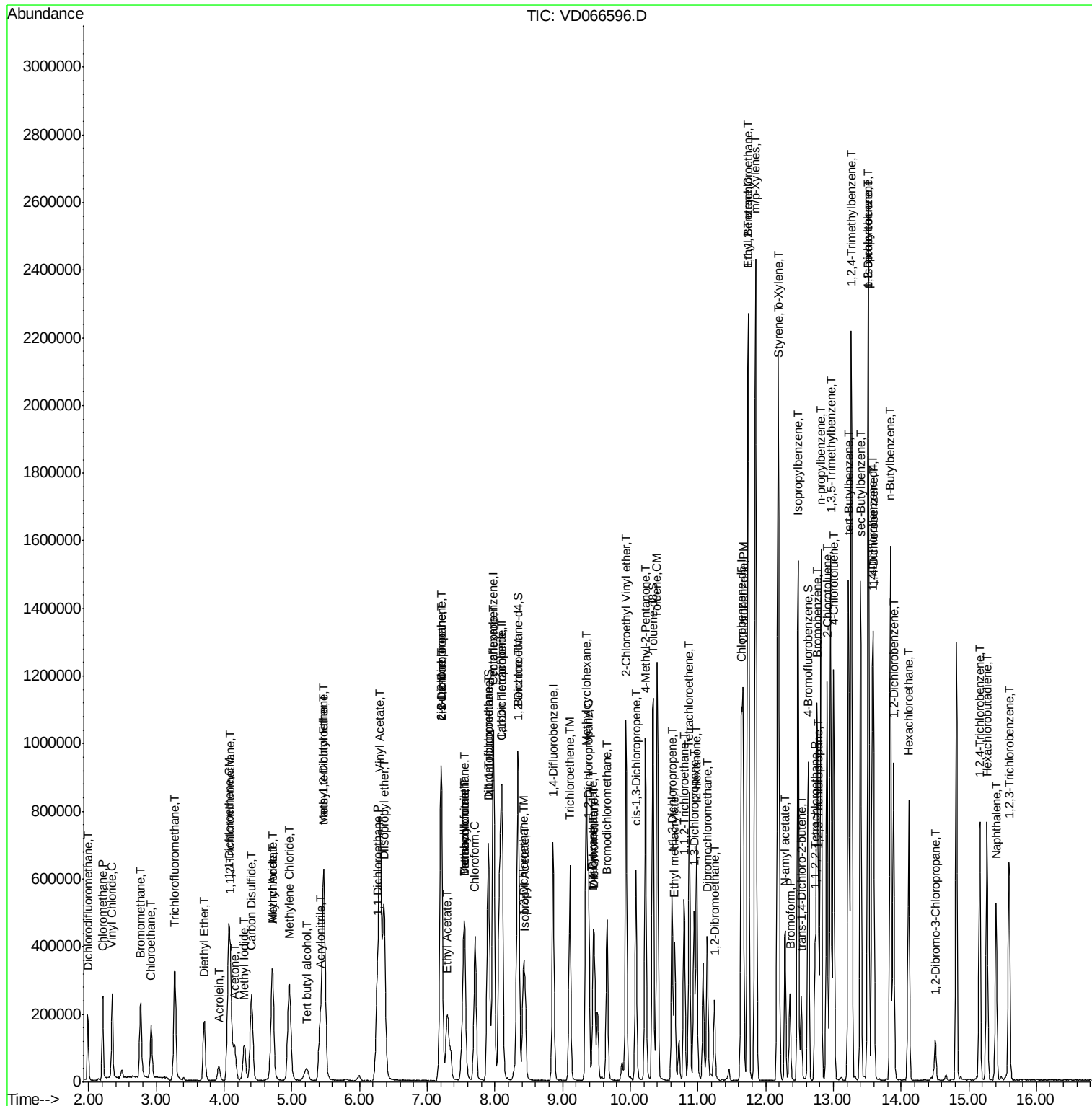
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	227070	54.606	ug/l	97
94) Hexachlorobutadiene	15.27	225	126495	50.635	ug/l	98
95) Naphthalene	15.41	128	448118	61.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	201040	56.707	ug/l	99

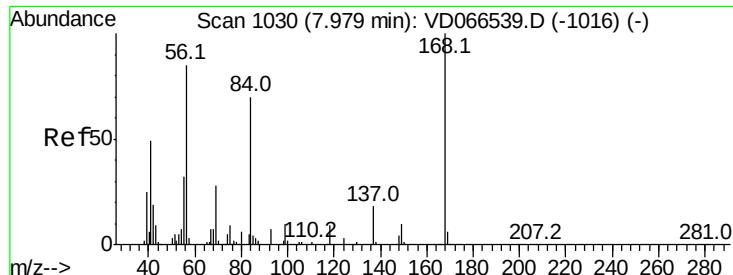
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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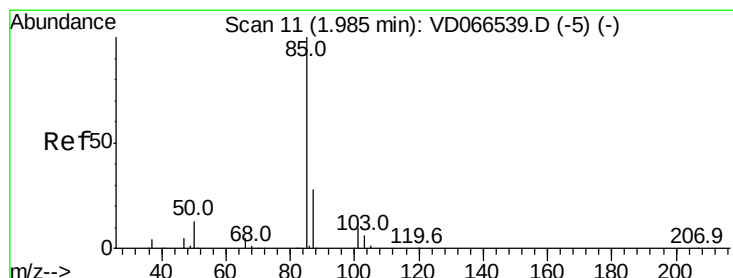
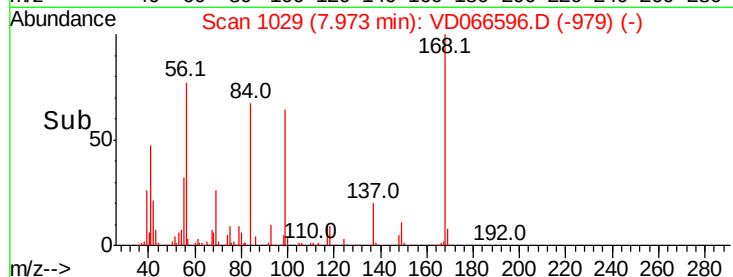
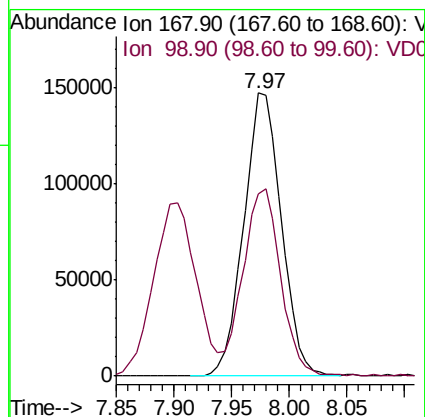
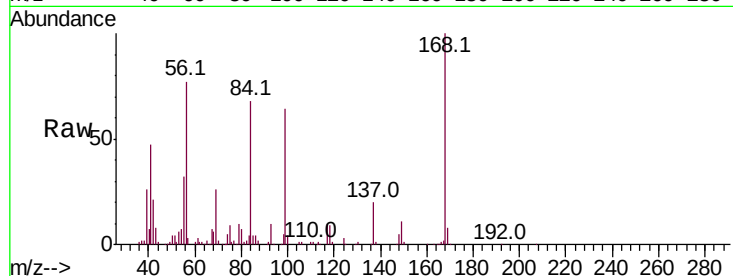




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

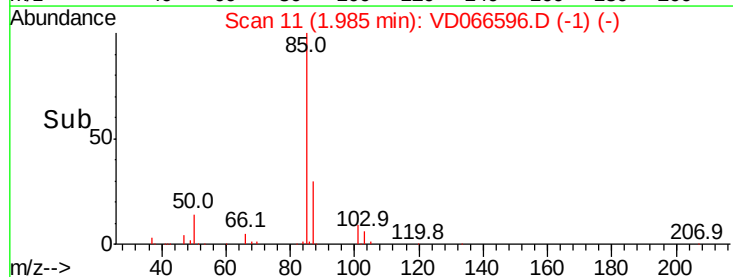
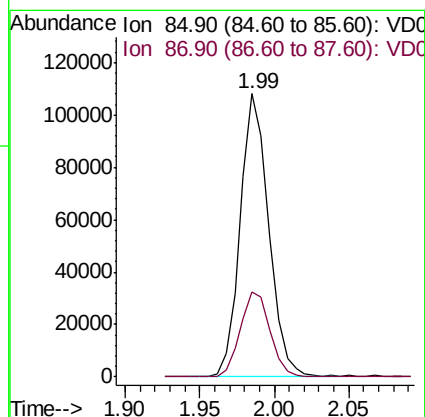
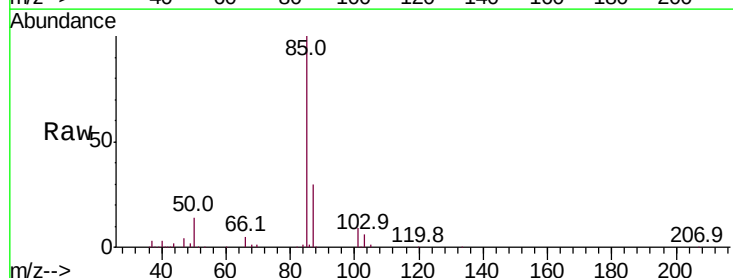
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

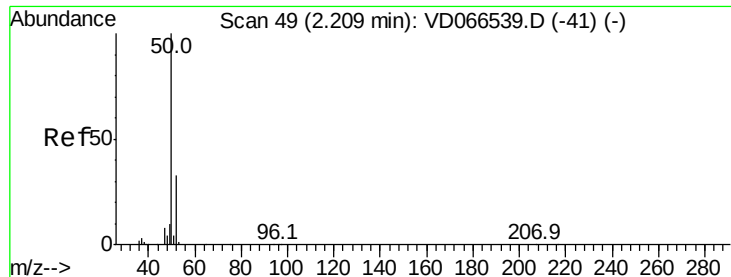
Tot Ion:168 Resp: 333446
Ion Ratio Lower Upper
168 100
99 63.8 50.5 75.7



#2
Dichlorodifluoromethane
Concen: 52.371 ug/l
RT: 1.99 min Scan# 11
Delta R.T. 0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 85 Resp: 143688
Ion Ratio Lower Upper
85 100
87 29.8 14.2 42.6





#3

Chloromethane

Concen: 48.065 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

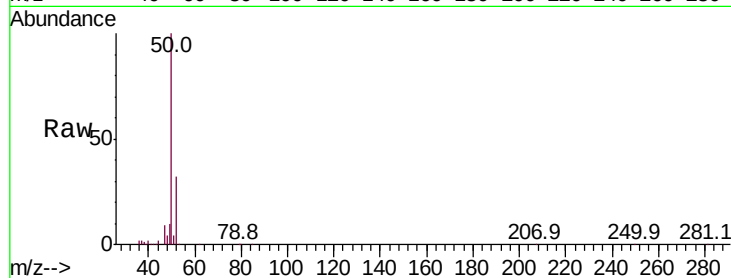
VSTDCCC050

Tot Ion: 50 Resp: 202684

Ion Ratio Lower Upper

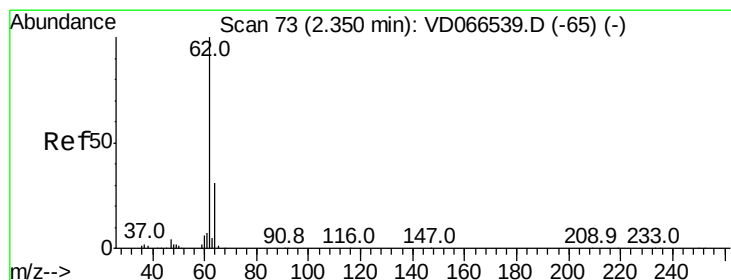
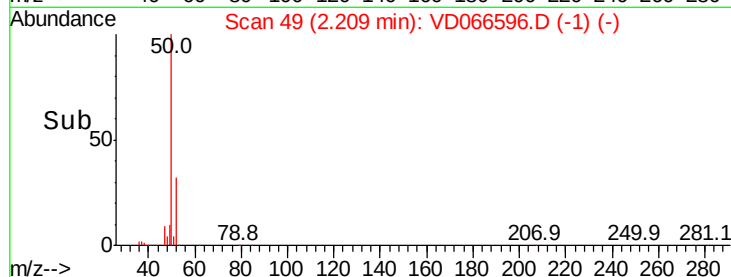
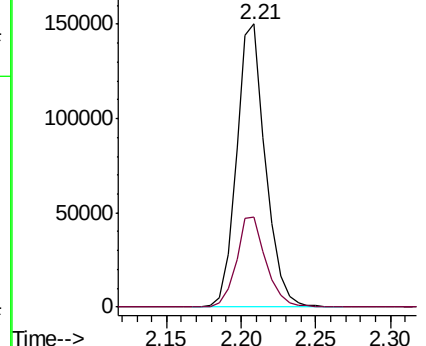
50 100

52 31.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.069 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066596.D

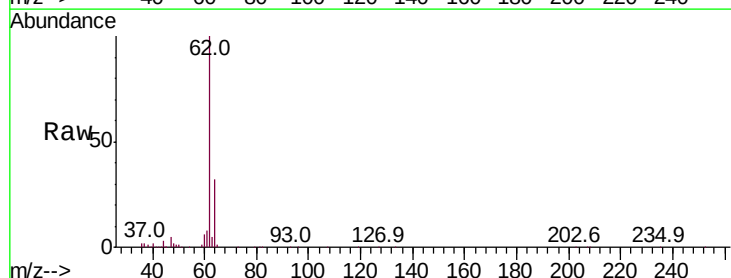
Acq: 09 Sep 2020 22:32

Tgt Ion: 62 Resp: 229497

Ion Ratio Lower Upper

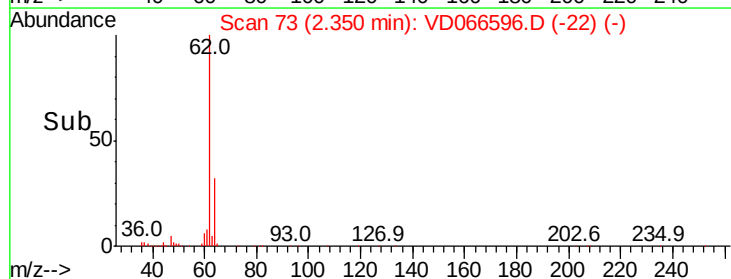
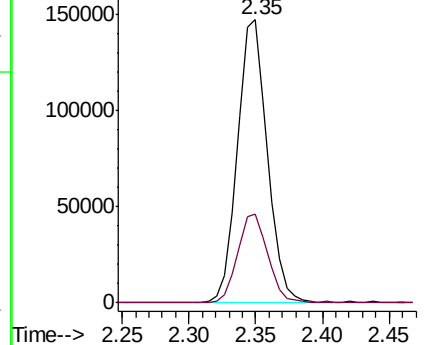
62 100

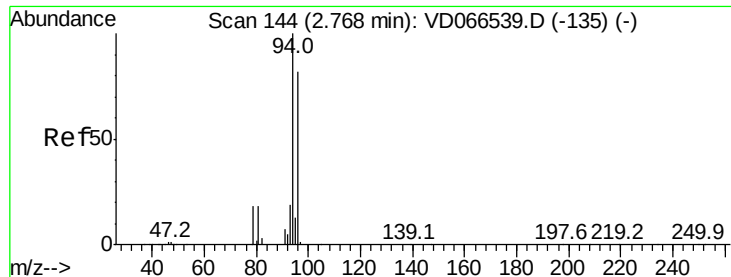
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 57.682 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

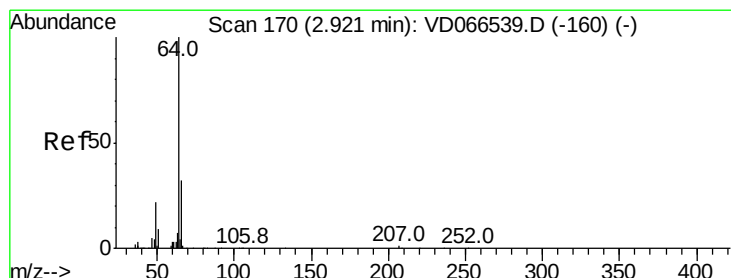
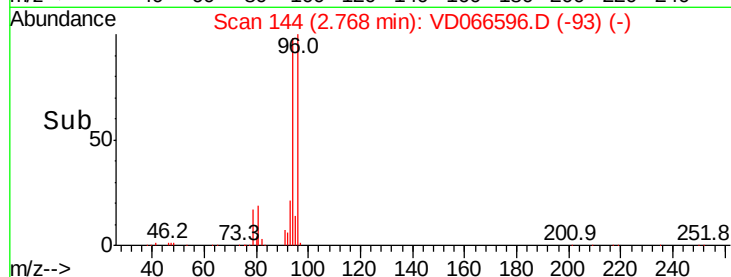
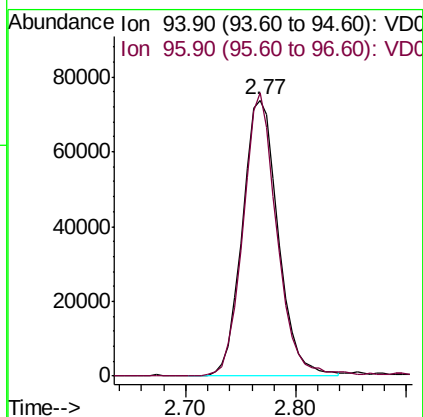
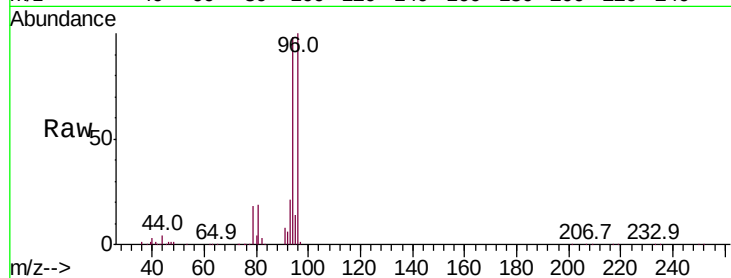
VSTDCCC050

Tot Ion: 94 Resp: 168491

Ion Ratio Lower Upper

94 100

96 102.2 65.2 97.8#



#6

Chloroethane

Concen: 52.098 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066596.D

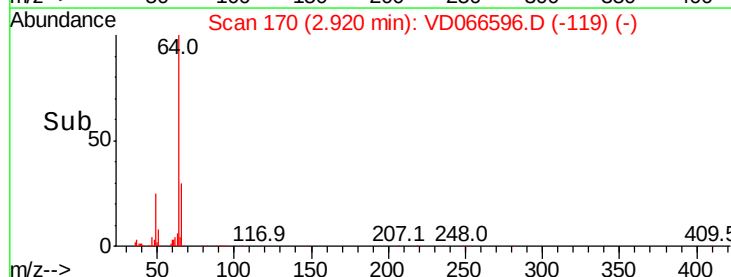
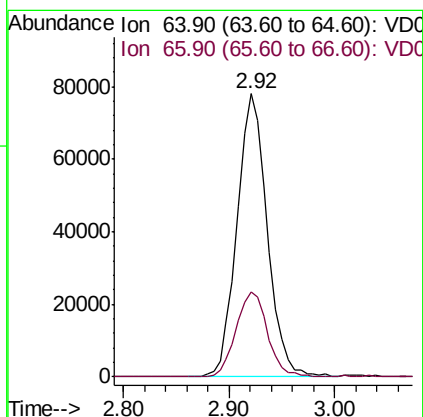
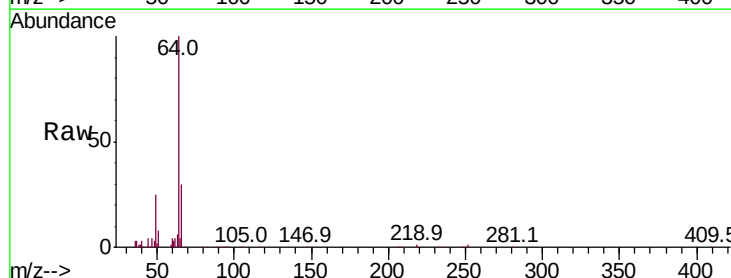
Acq: 09 Sep 2020 22:32

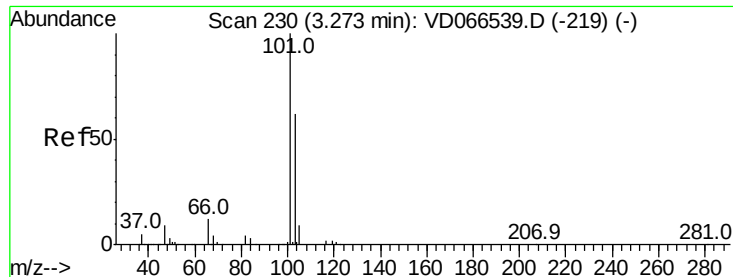
Tgt Ion: 64 Resp: 154767

Ion Ratio Lower Upper

64 100

66 30.0 25.4 38.0



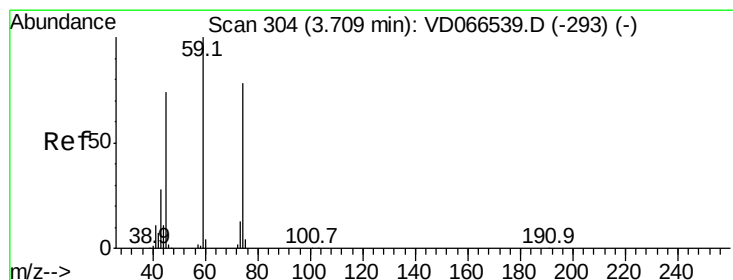
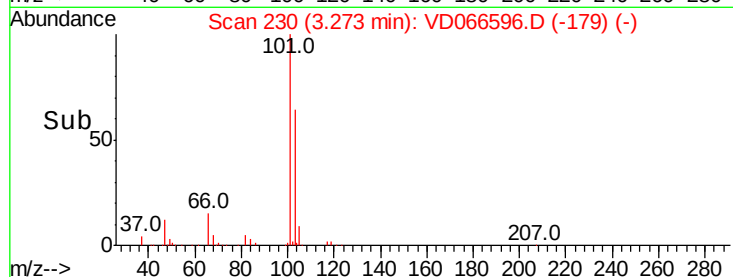
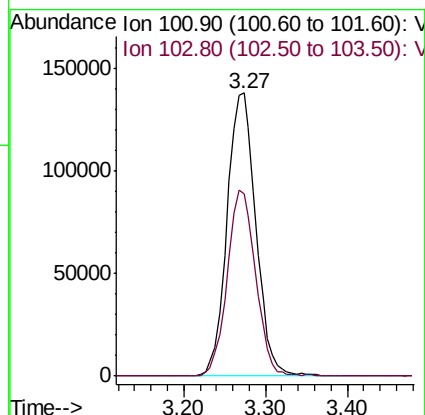
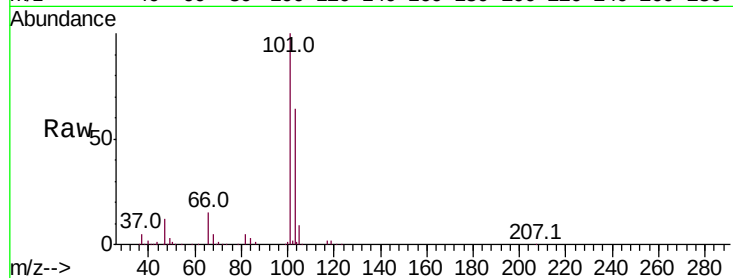


#7

Trichlorofluoromethane
 Concen: 48.976 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
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 ClientSampleId :
 VSTDCCC050

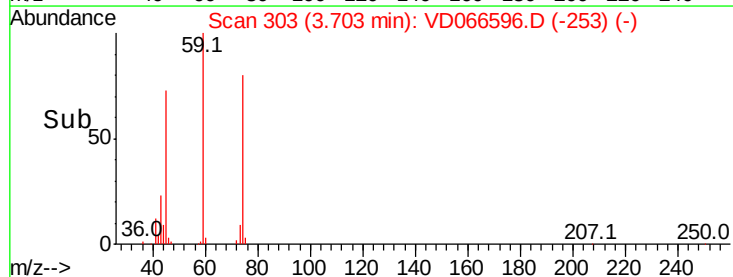
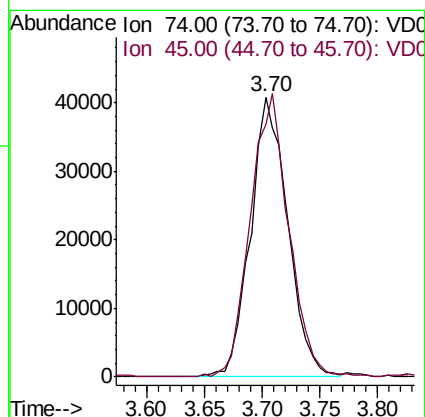
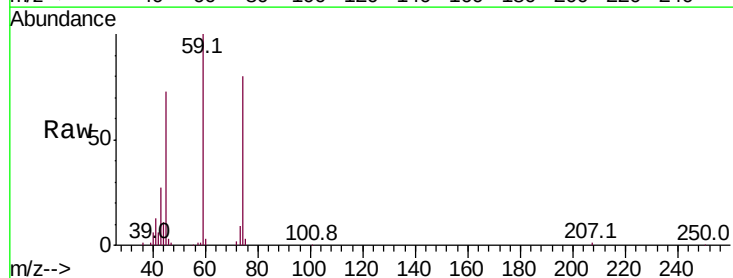
Tot Ion:101 Resp: 338390
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.7 74.5

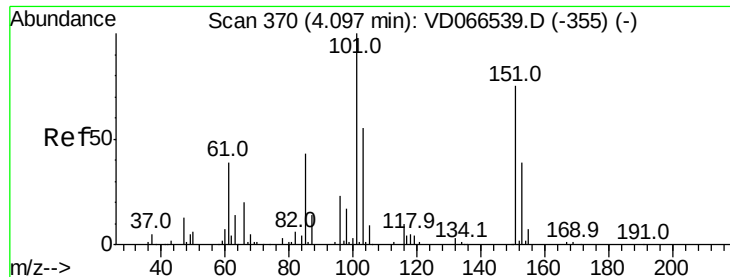


#8

Diethyl Ether
 Concen: 52.665 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion: 74 Resp: 91629
 Ion Ratio Lower Upper
 74 100
 45 104.8 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.291 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

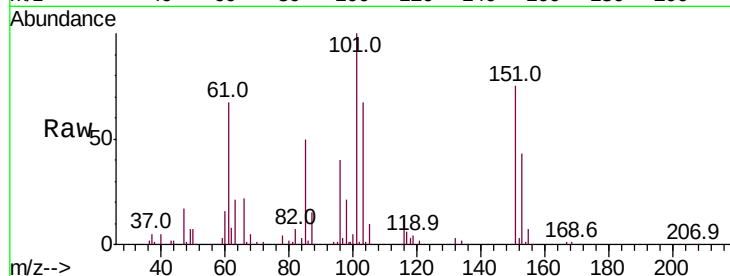
Tot Ion:101 Resp: 184317

Ion Ratio Lower Upper

101 100

85 47.9 37.0 55.6

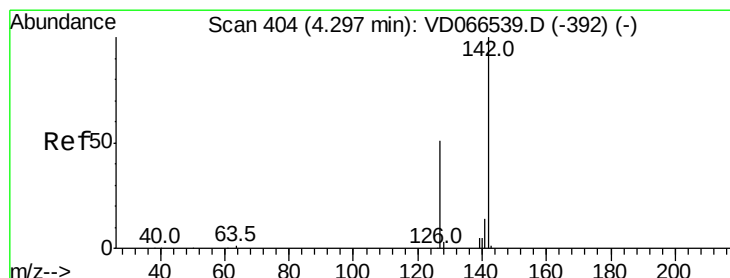
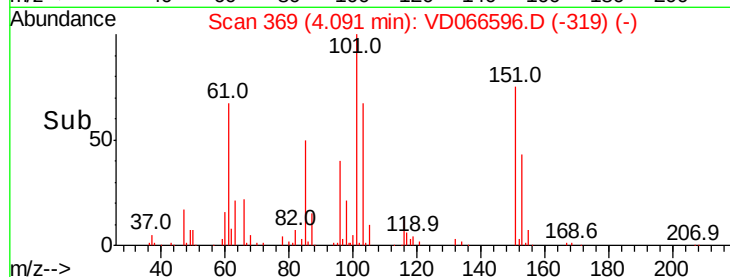
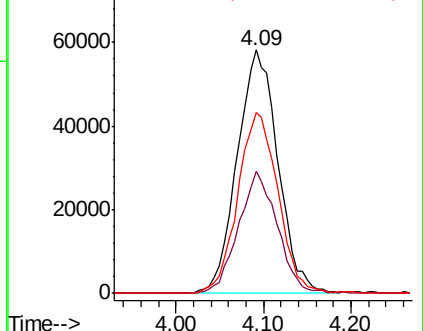
151 73.2 59.4 89.2



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: 50.580 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

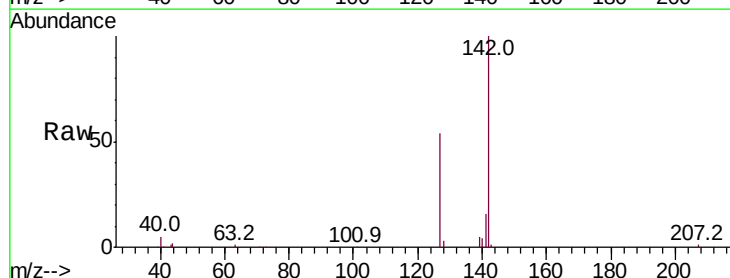
Tgt Ion:142 Resp: 172694

Ion Ratio Lower Upper

142 100

127 52.0 40.6 61.0

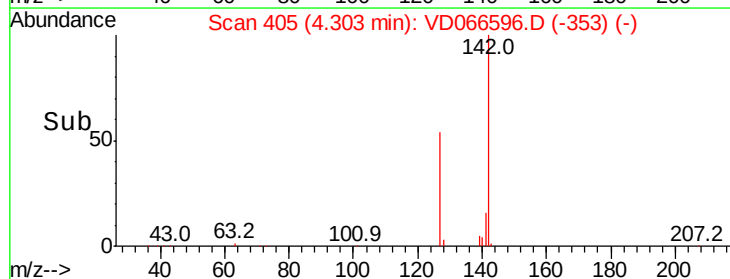
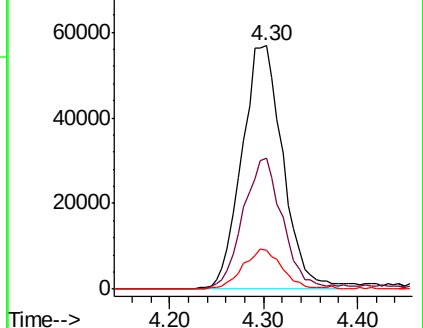
141 15.4 12.2 18.4

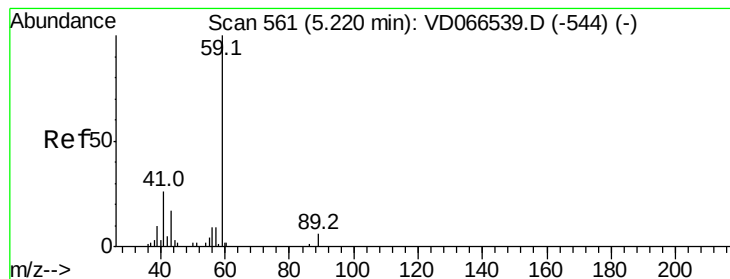


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 264.616 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

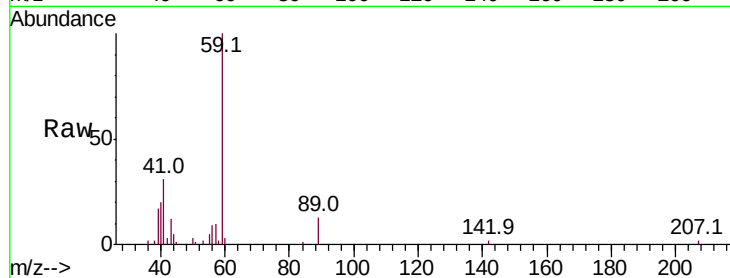
VSTDCCC050

Tot Ion: 59 Resp: 66104

Ion Ratio Lower Upper

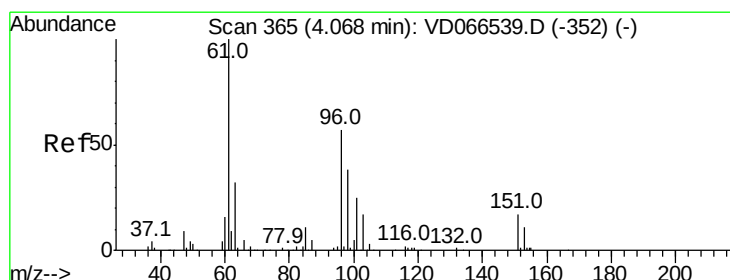
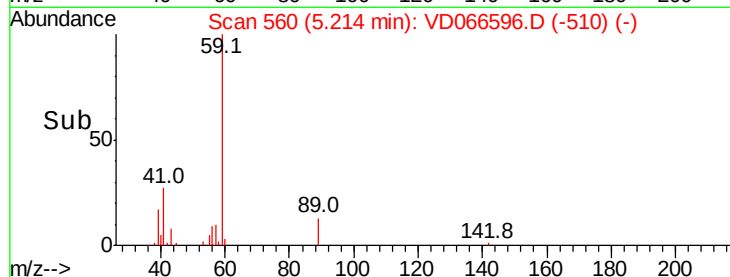
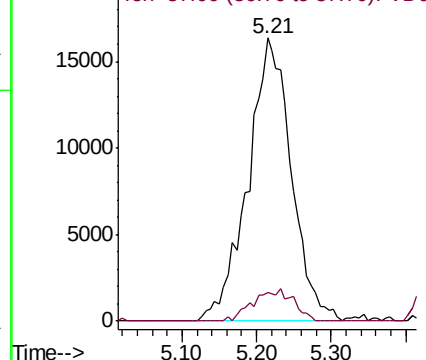
59 100

57 10.4 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 50.969 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

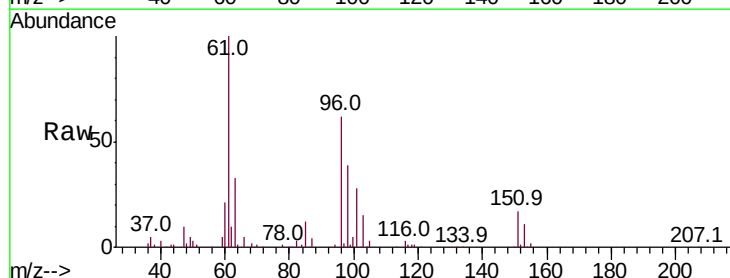
Tgt Ion: 96 Resp: 171230

Ion Ratio Lower Upper

96 100

61 161.2 140.9 211.3

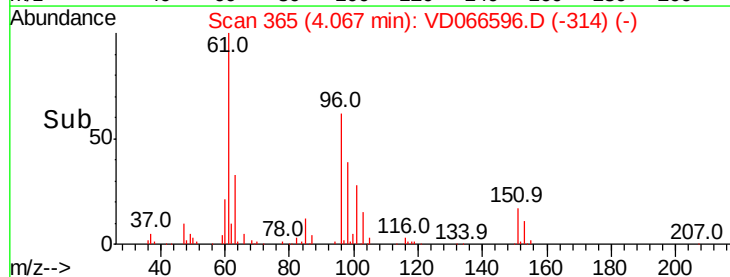
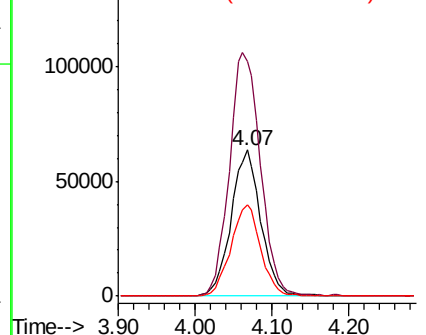
98 62.8 53.2 79.8

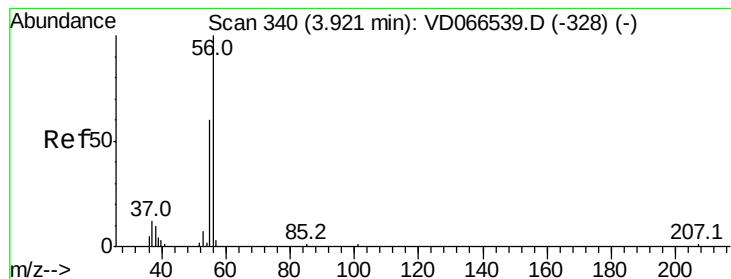


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 290.587 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

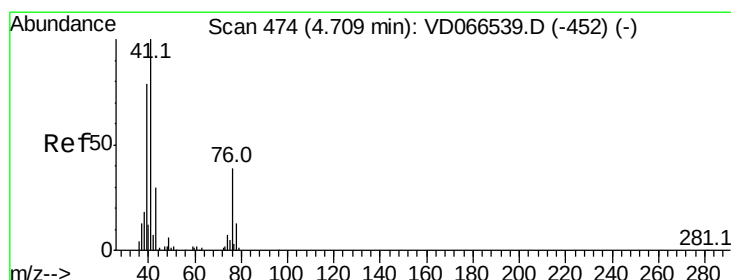
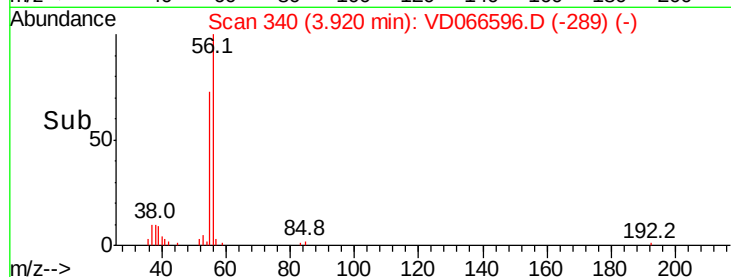
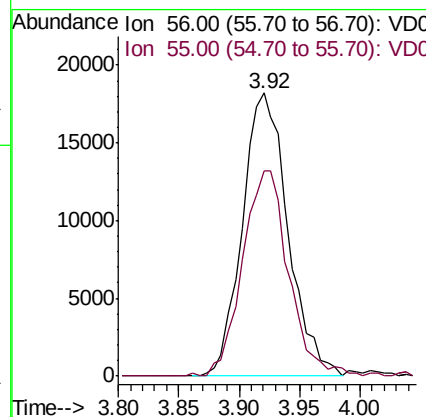
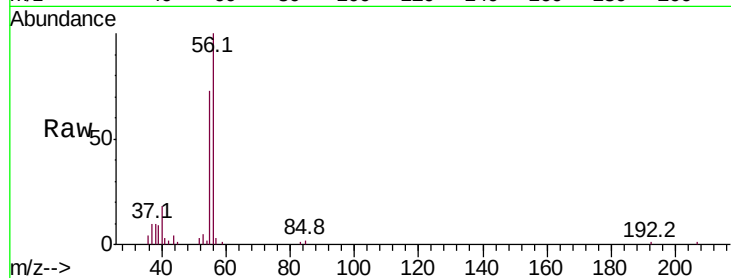
VSTDCCC050

Tot Ion: 56 Resp: 47935

Ion Ratio Lower Upper

56 100

55 73.3 53.6 80.4



#14

Allyl chloride

Concen: 53.860 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

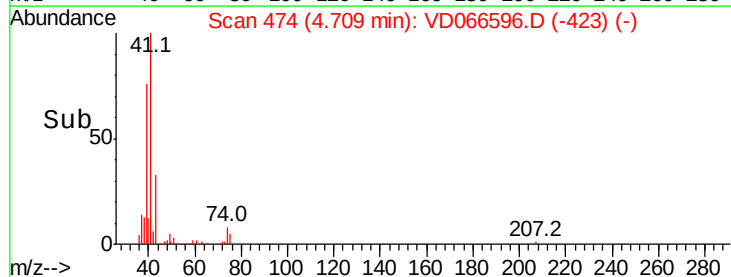
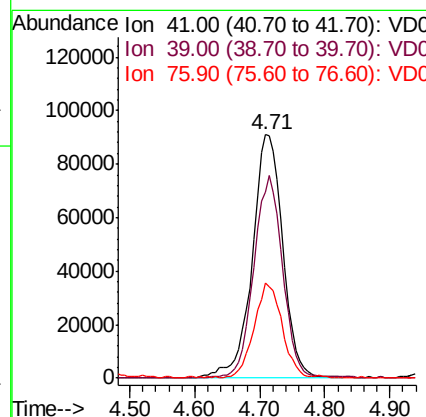
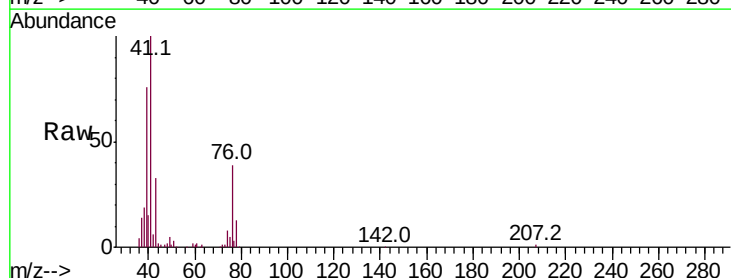
Tgt Ion: 41 Resp: 296541

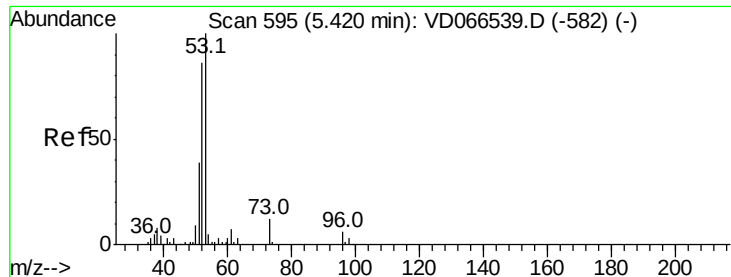
Ion Ratio Lower Upper

41 100

39 78.4 61.9 92.9

76 34.8 29.0 43.6





#15

Acrylonitrile

Concen: 290.373 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

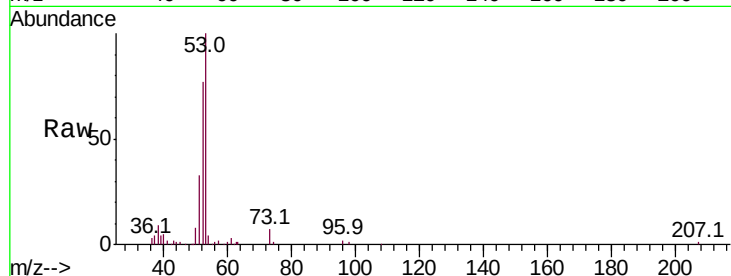
Tot Ion: 53 Resp: 217024

Ion Ratio Lower Upper

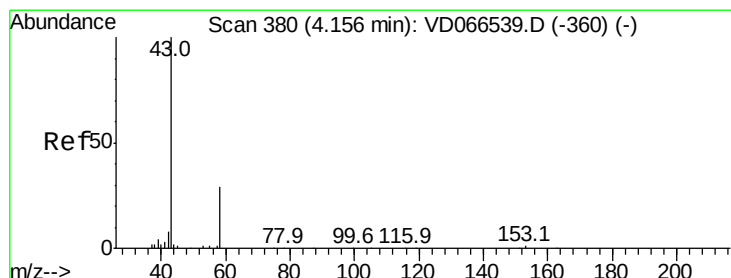
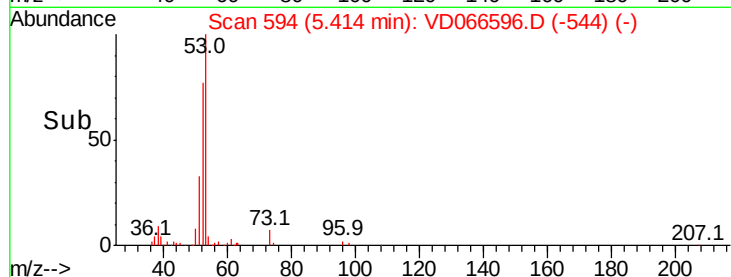
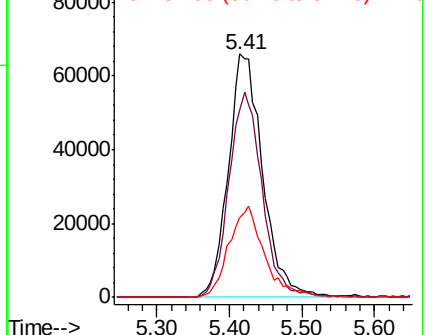
53 100

52 82.1 65.4 98.2

51 38.4 31.2 46.8



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: 238.981 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066596.D

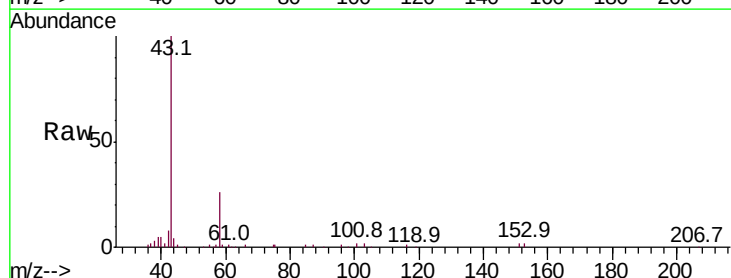
Acq: 09 Sep 2020 22:32

Tgt Ion: 43 Resp: 177399

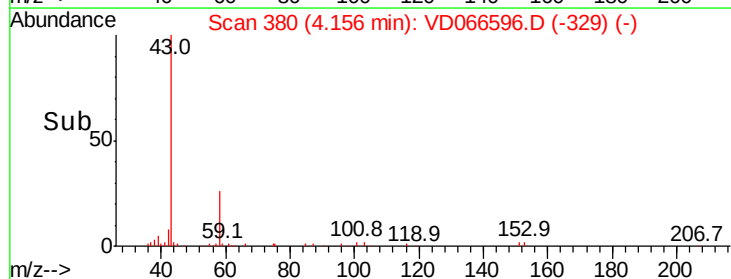
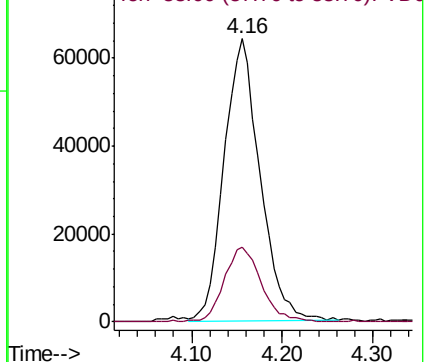
Ion Ratio Lower Upper

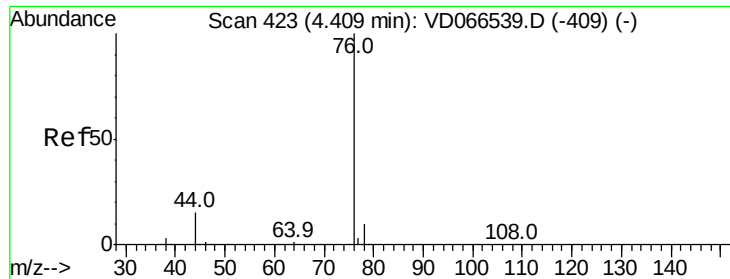
43 100

58 26.4 22.9 34.3



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

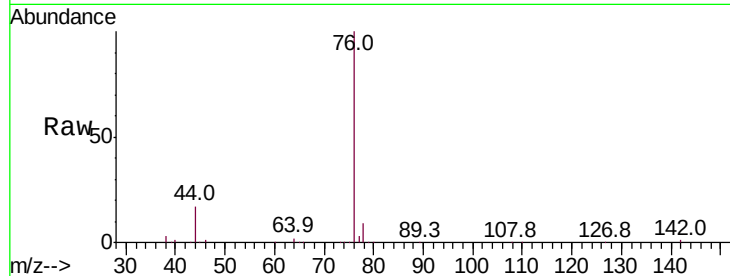




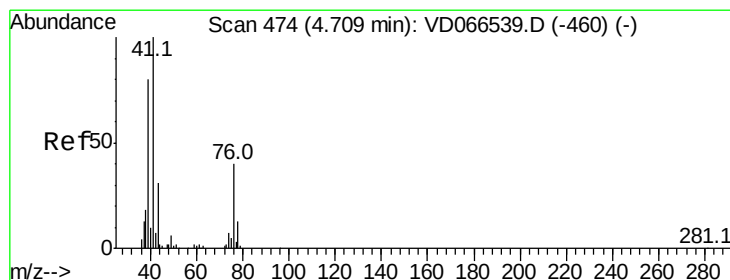
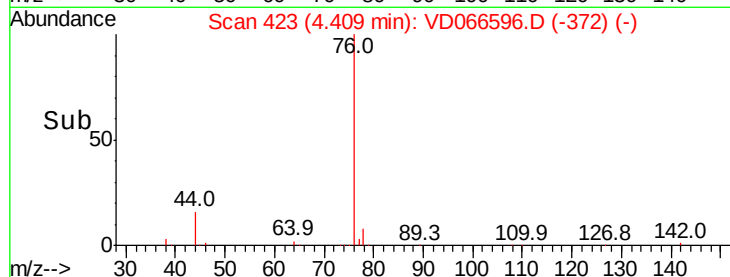
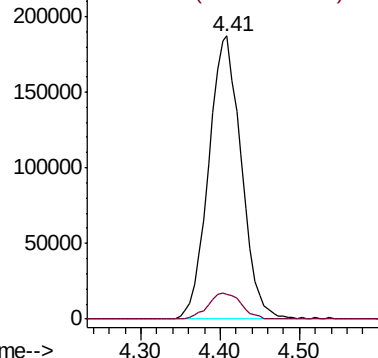
#17
Carbon Disulfide
Concen: 48.474 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 535355
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

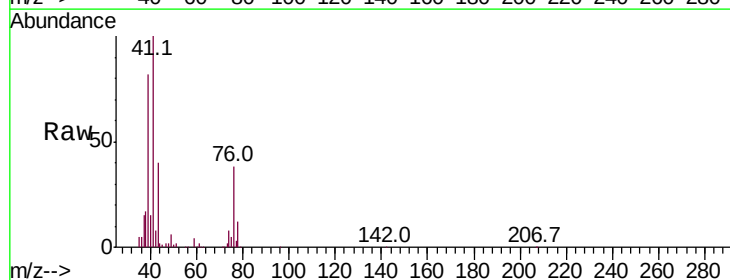


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

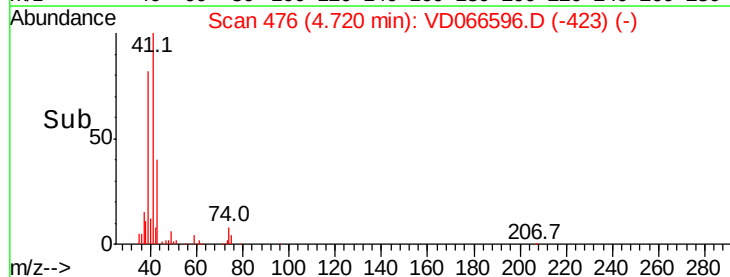
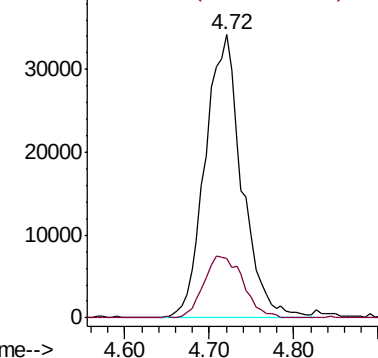


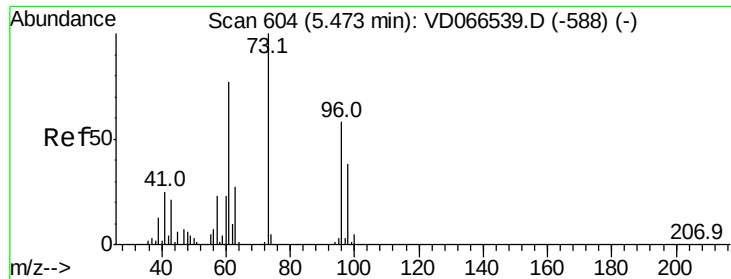
#18
Methyl Acetate
Concen: 58.059 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 43 Resp: 102737
Ion Ratio Lower Upper
43 100
74 23.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

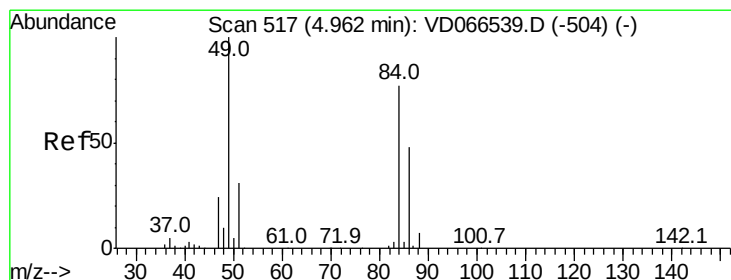
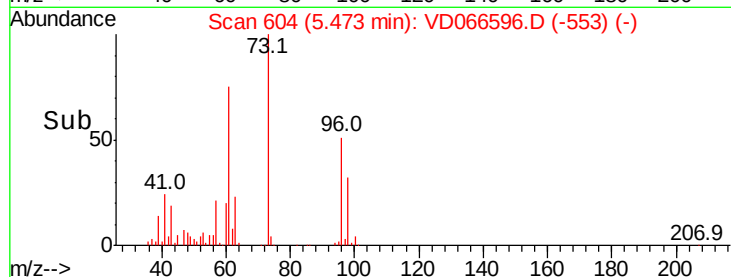
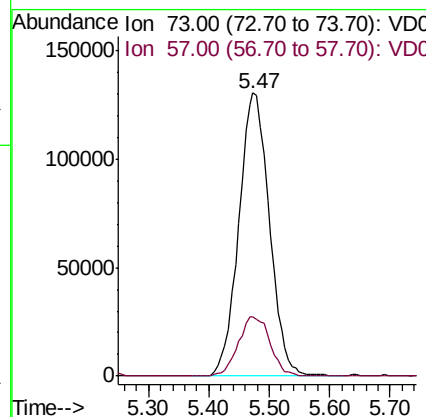
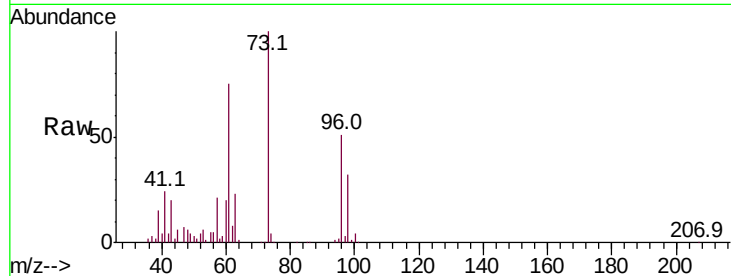




#19
Methyl tert-butyl Ether
Concen: 58.275 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

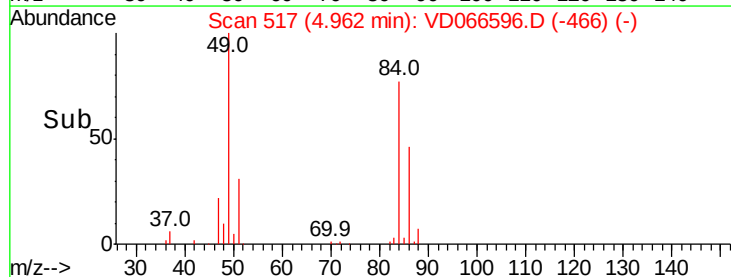
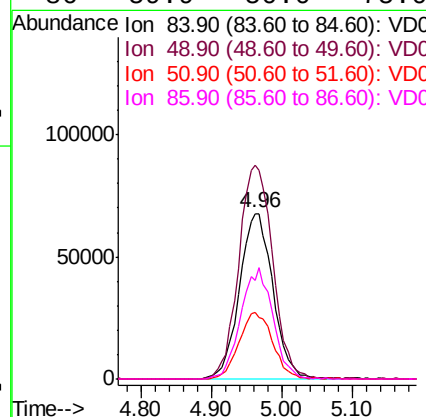
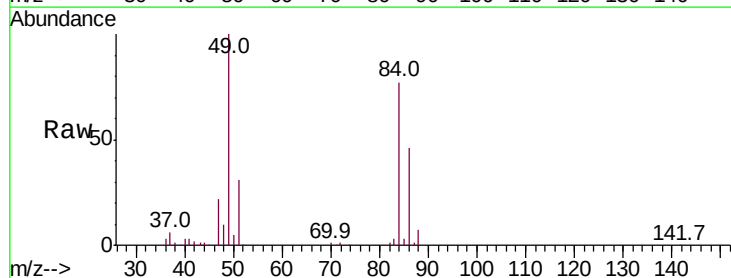
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

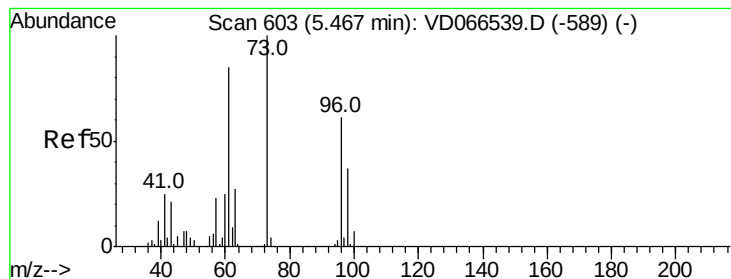
Tot Ion: 73 Resp: 459100
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5



#20
Methylene Chloride
Concen: 56.110 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 84 Resp: 223717
Ion Ratio Lower Upper
84 100
49 129.3 104.3 156.5
51 40.3 32.2 48.4
86 59.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 52.269 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

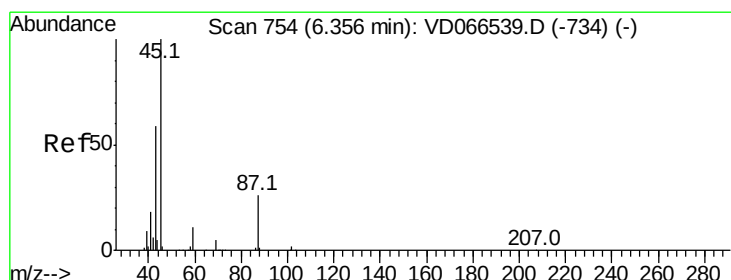
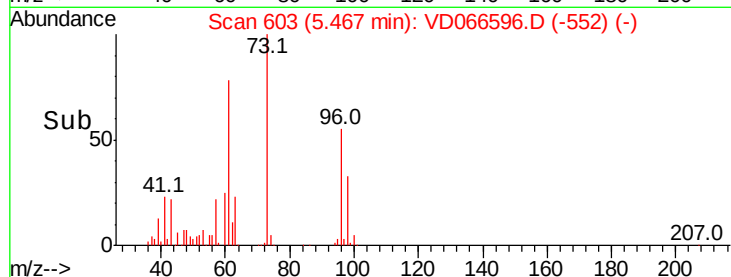
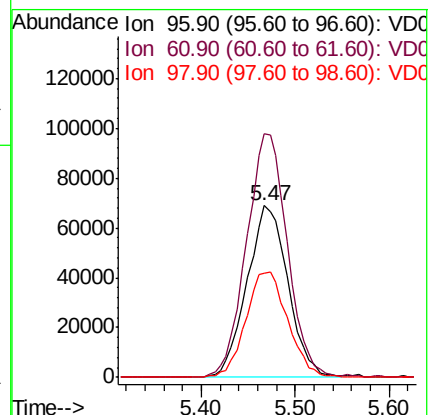
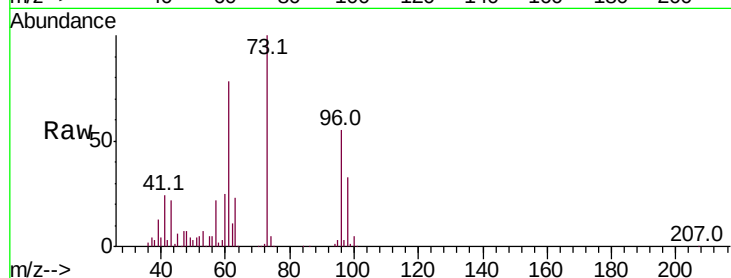
Tot Ion: 96 Resp: 208522

Ion Ratio Lower Upper

96 100

61 141.5 112.1 168.1

98 60.6 48.6 72.8



#22

Diisopropyl ether

Concen: 57.704 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion: 45 Resp: 653337

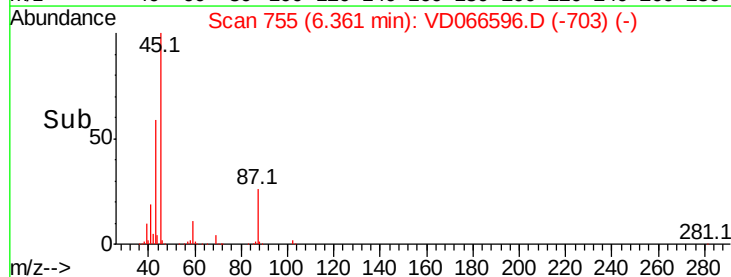
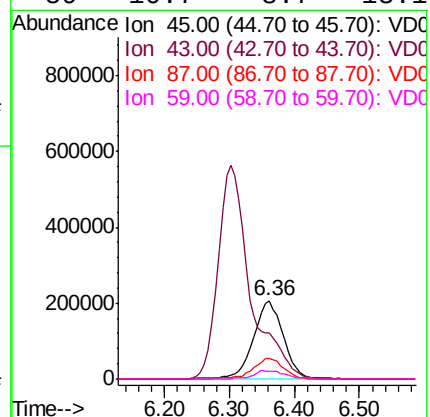
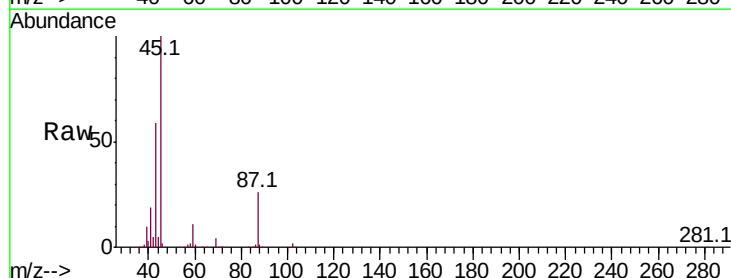
Ion Ratio Lower Upper

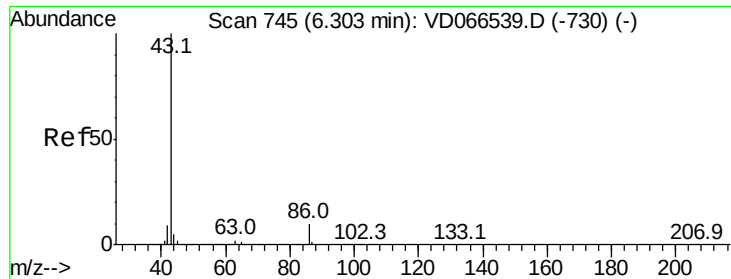
45 100

43 57.9 47.0 70.4

87 26.1 21.3 31.9

59 10.7 8.7 13.1





#23

Vinyl Acetate

Concen: 297.913 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

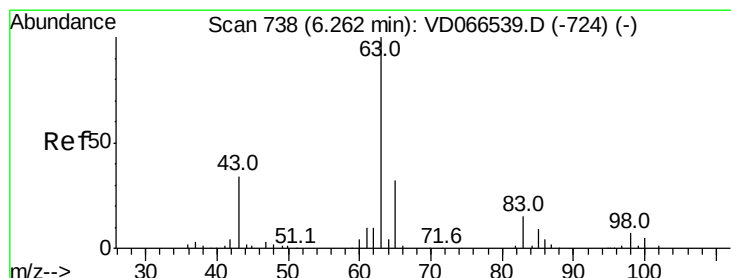
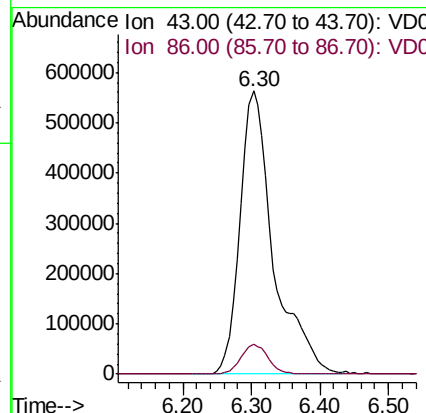
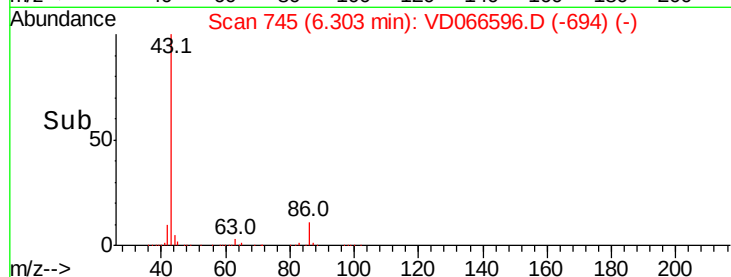
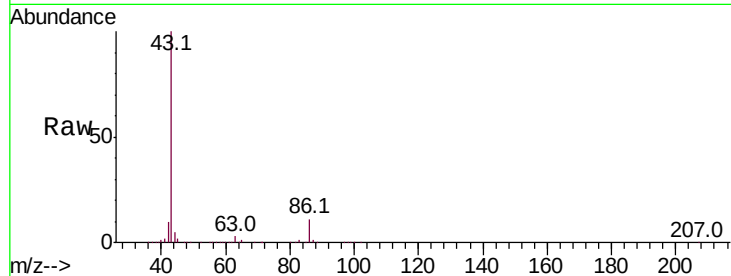
VSTDCCC050

Tot Ion: 43 Resp: 1919497

Ion Ratio Lower Upper

43 100

86 10.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 53.241 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

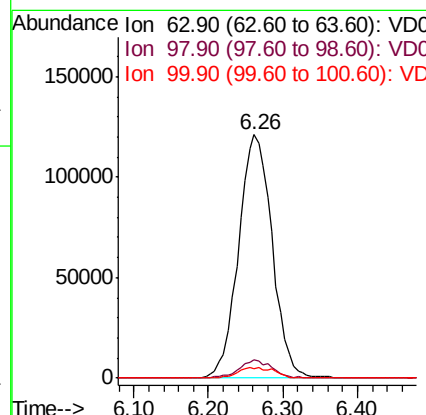
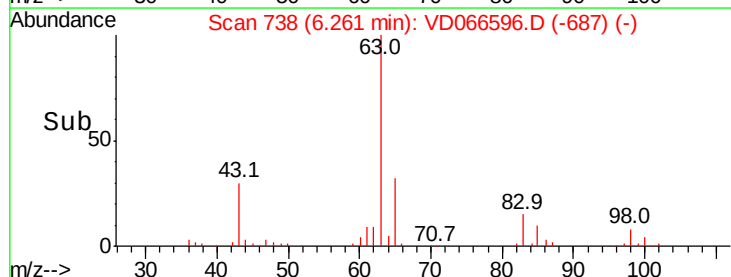
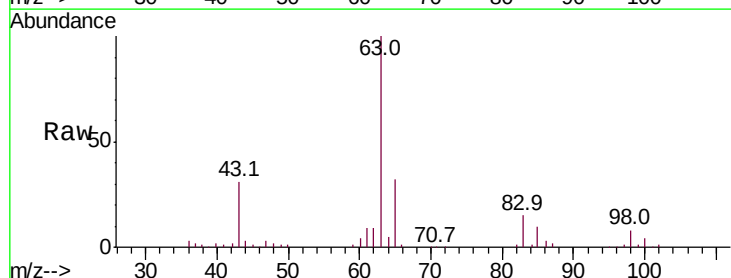
Tgt Ion: 63 Resp: 379077

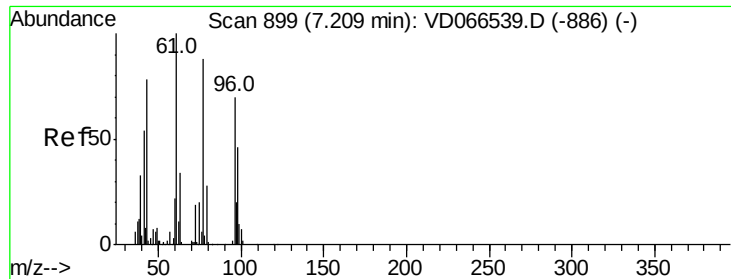
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 4.1 2.5 7.4

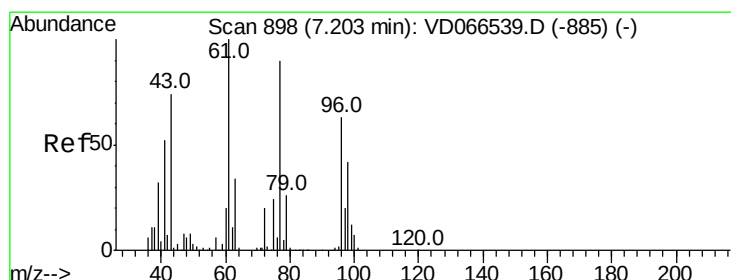
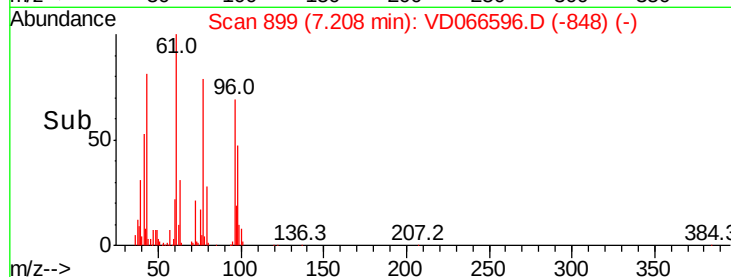
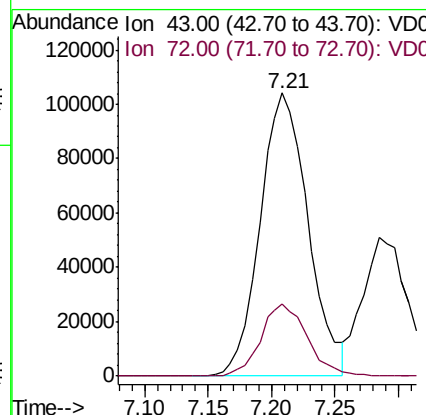
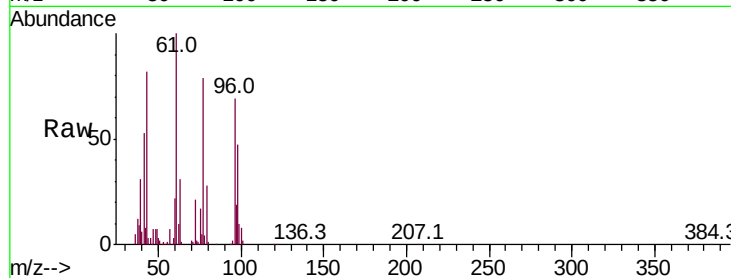




#25
2-Butanone
Concen: 275.782 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

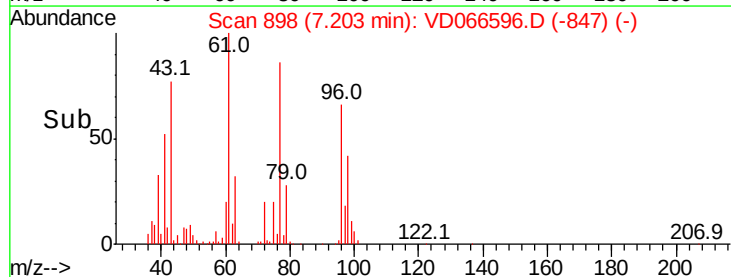
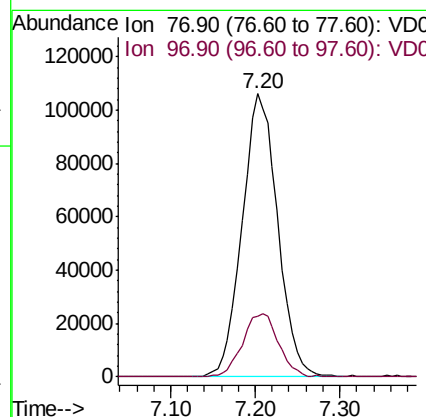
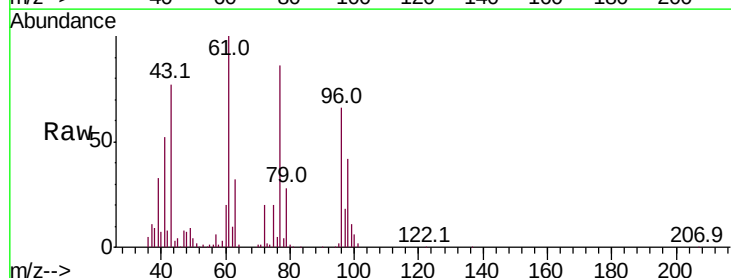
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

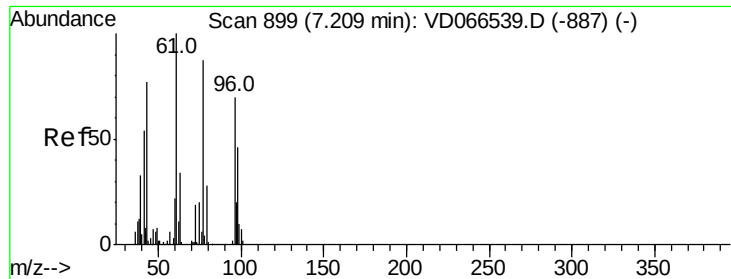
Tot Ion: 43 Resp: 274810
Ion Ratio Lower Upper
43 100
72 25.7 19.8 29.6



#26
2,2-Dichloropropane
Concen: 47.470 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 77 Resp: 310029
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3



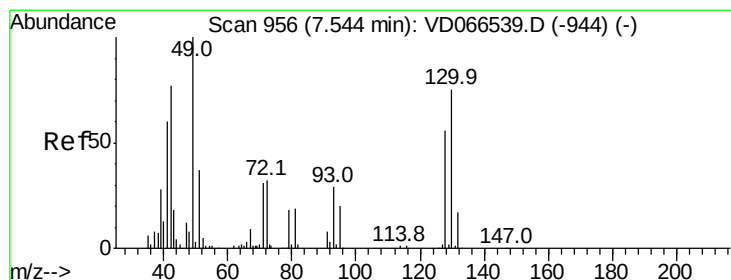
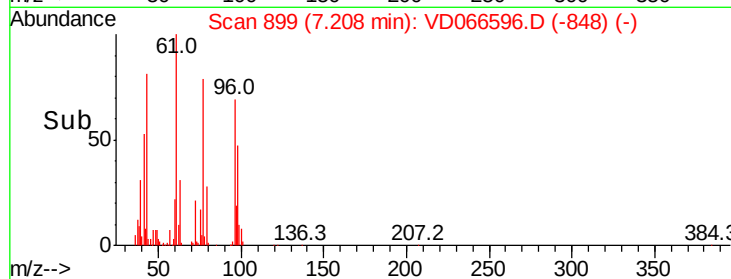
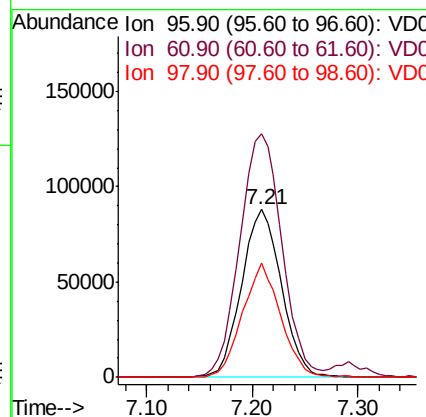
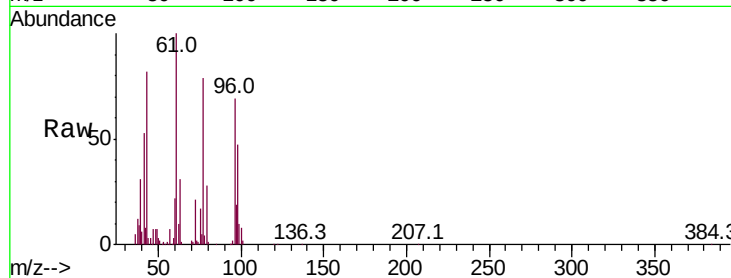


#27
 cis-1,2-Dichloroethene
 Concen: 53.801 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 230812

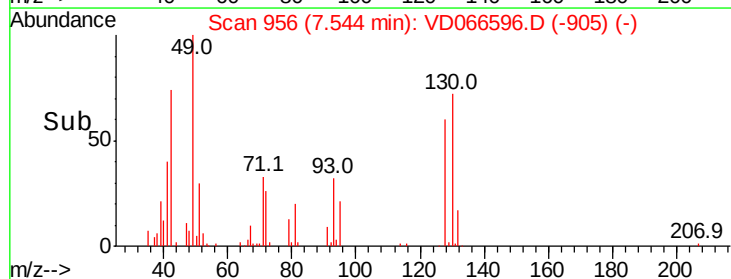
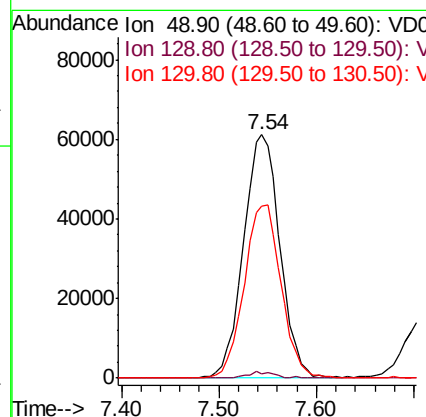
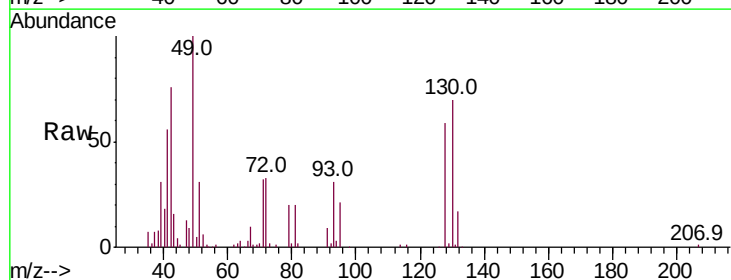
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	301.0
98	65.7	0.0	129.8

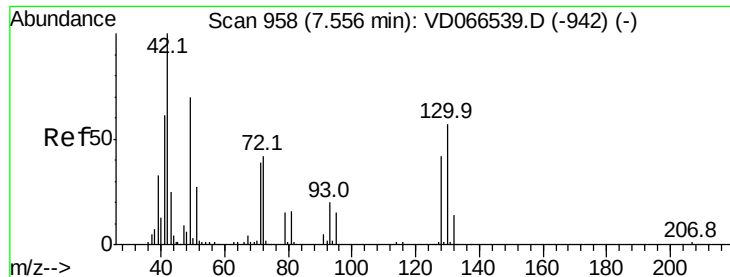


#28
 Bromochloromethane
 Concen: 58.256 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion: 49 Resp: 159689

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.6
130	72.2	58.2	87.2





#29

Tetrahydrofuran

Concen: 296.407 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

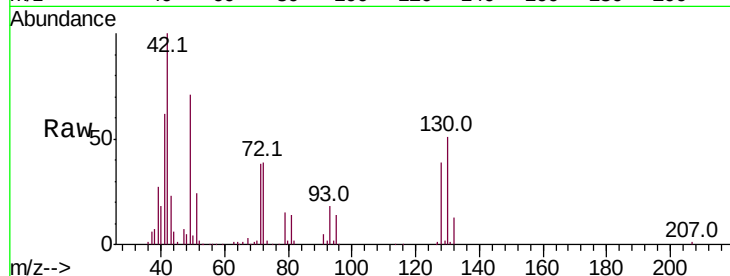
Tot Ion: 42 Resp: 183949

Ion Ratio Lower Upper

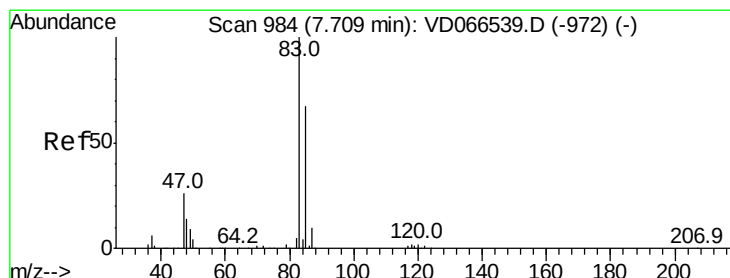
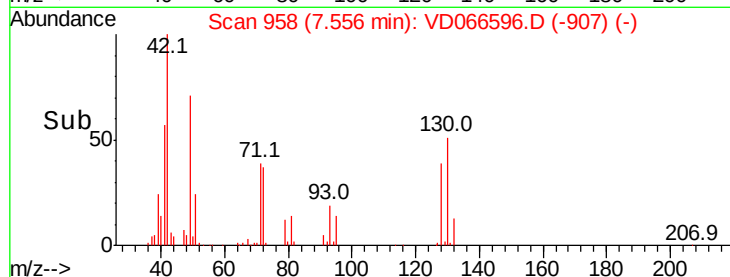
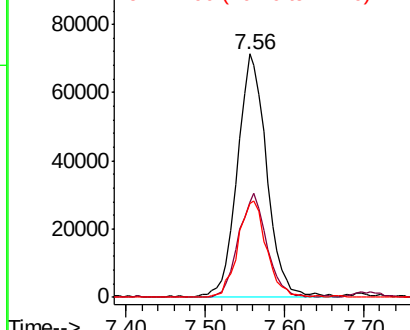
42 100

72 41.2 33.4 50.0

71 38.6 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 53.689 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066596.D

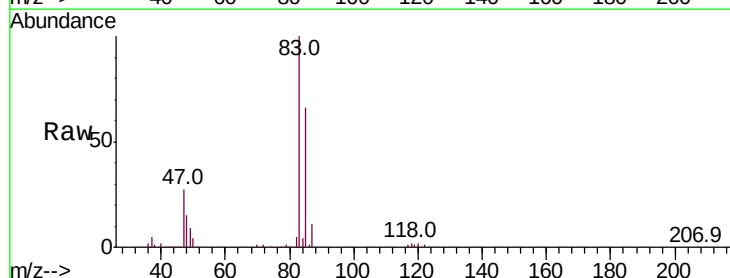
Acq: 09 Sep 2020 22:32

Tgt Ion: 83 Resp: 404413

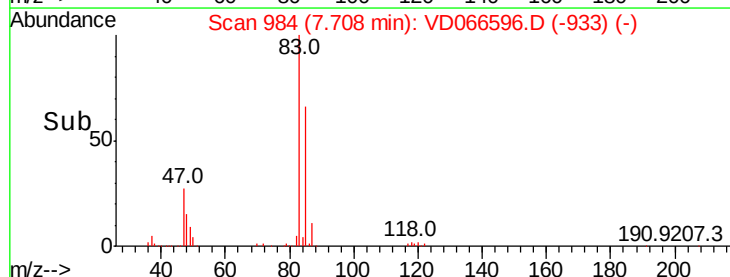
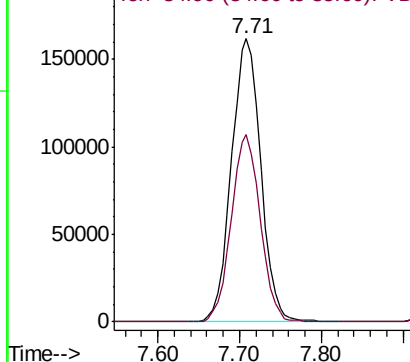
Ion Ratio Lower Upper

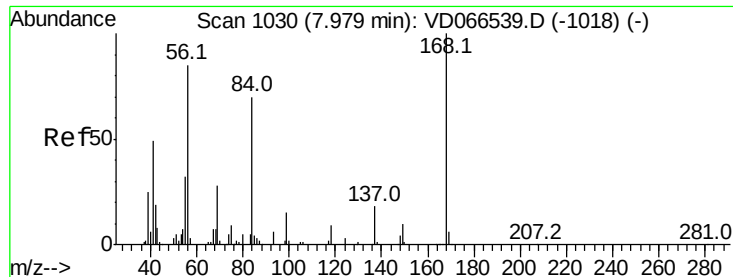
83 100

85 66.4 53.6 80.4



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

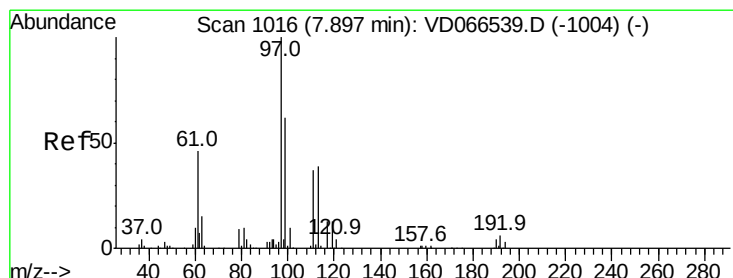
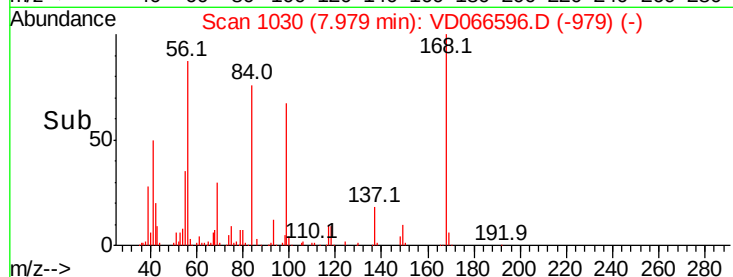
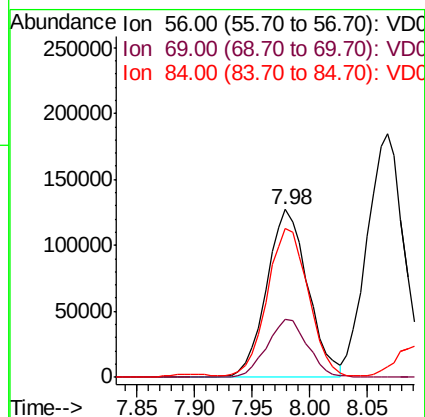
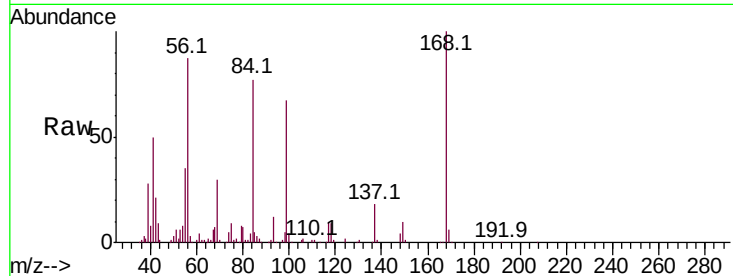




#31
Cyclohexane
Concen: 48.049 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

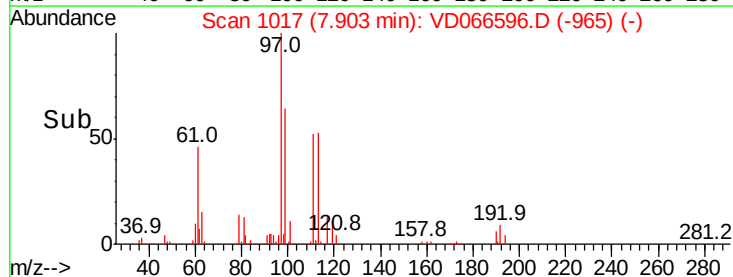
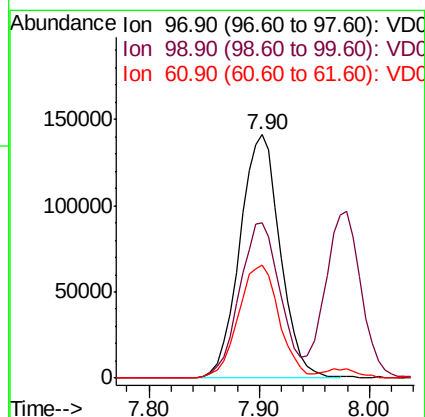
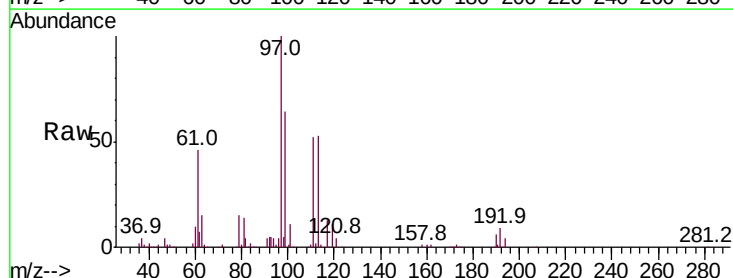
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

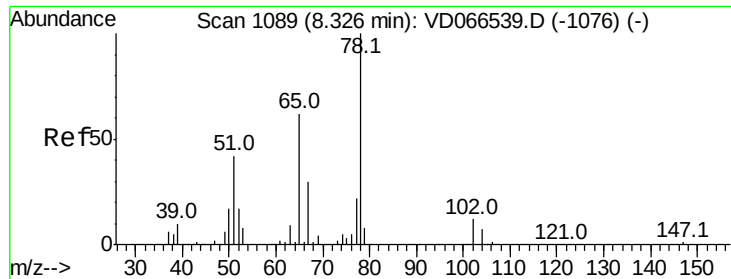
Tot Ion: 56 Resp: 316243
Ion Ratio Lower Upper
56 100
69 34.9 26.3 39.5
84 86.8 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 51.129 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 97 Resp: 362100
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 47.0 37.4 56.0

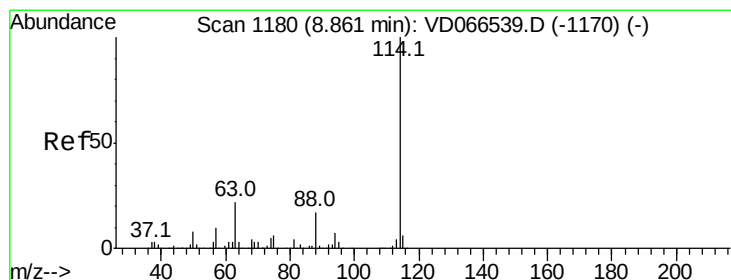
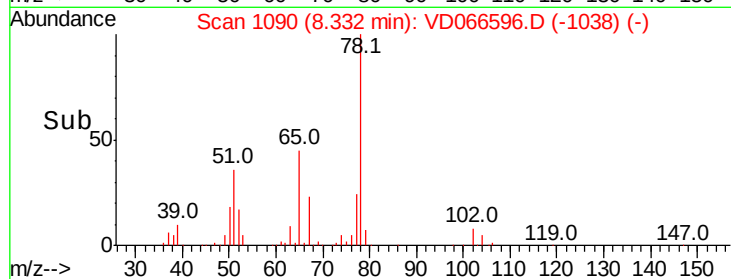
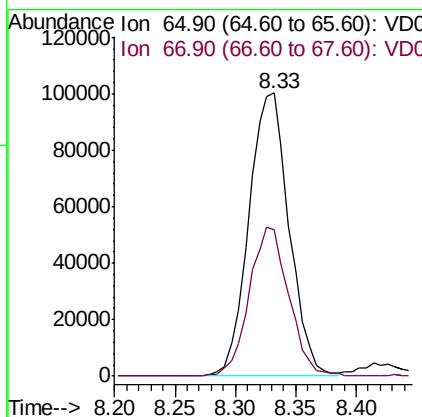
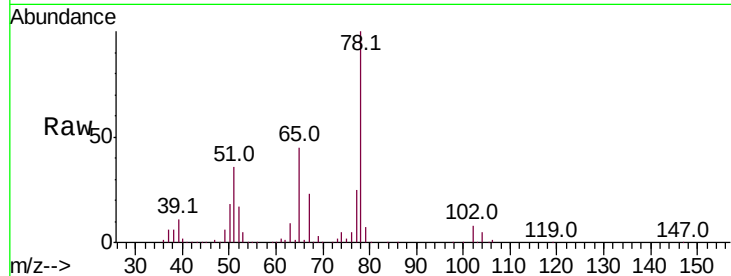




#33
 1,2-Dichloroethane-d4
 Concen: 57.549 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

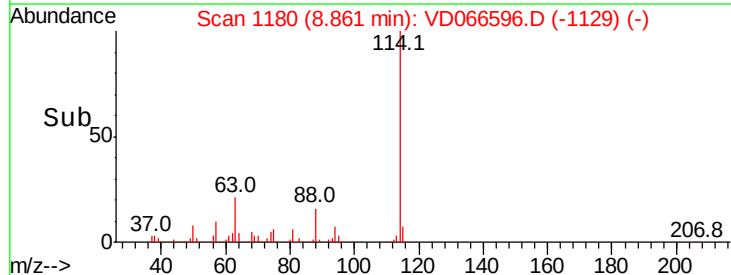
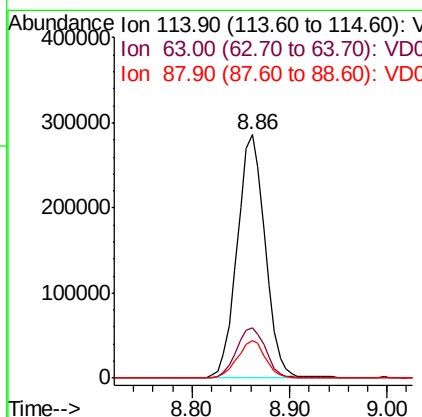
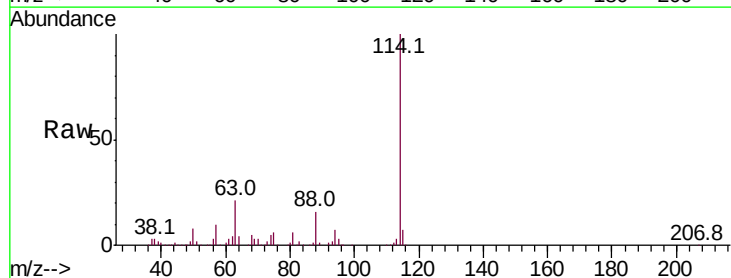
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

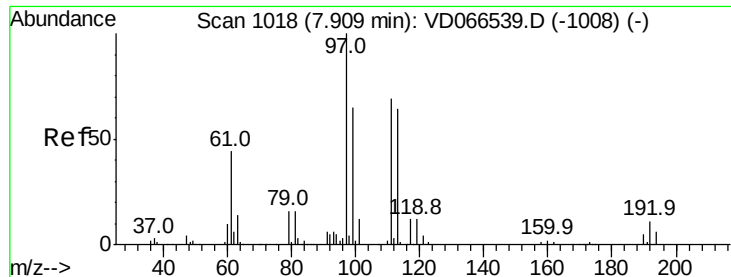
Tot Ion: 65 Resp: 232176
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion: 114 Resp: 572959
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 15.5 0.0 33.2

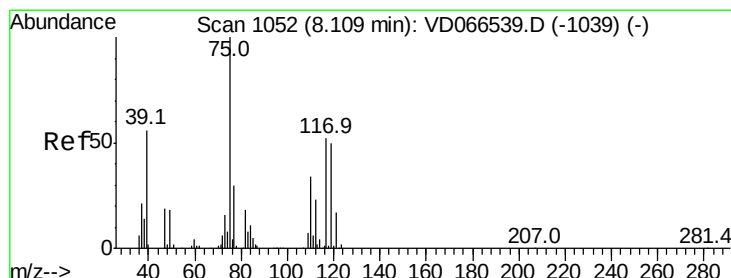
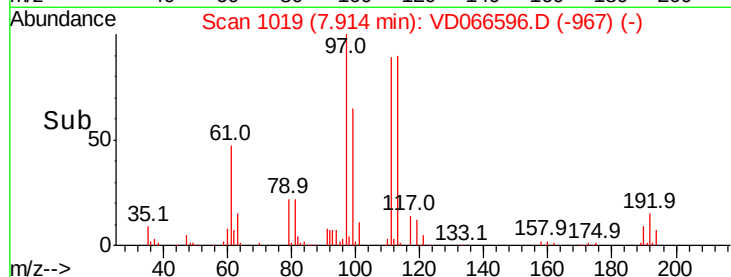
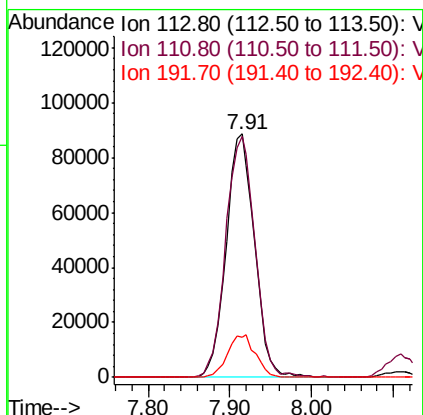
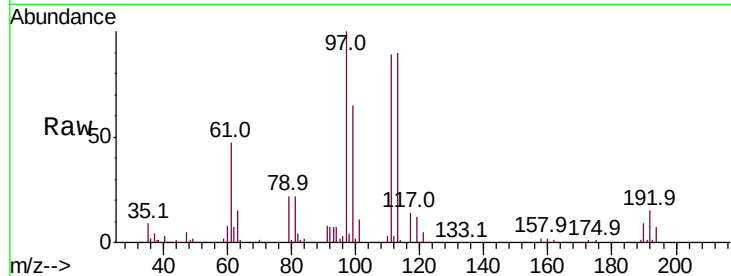




#35
 Dibromofluoromethane
 Concen: 55.262 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

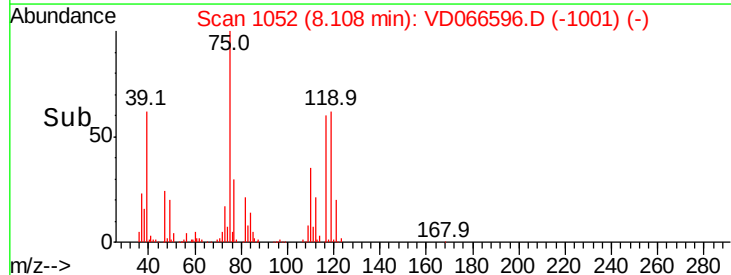
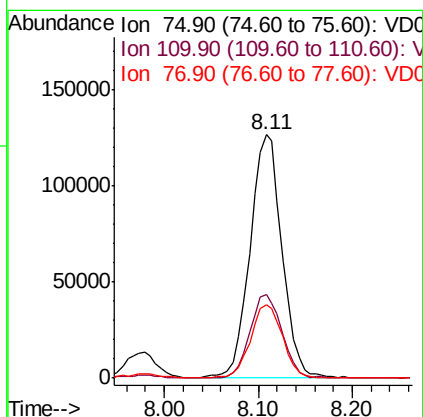
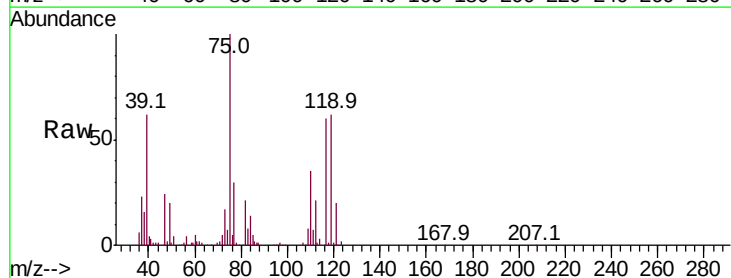
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

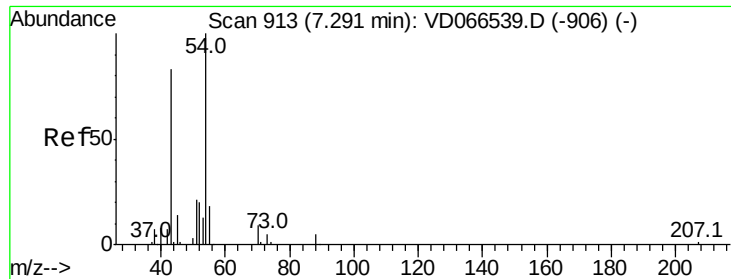
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	17.1	13.7	20.5



#36
 1,1-Dichloropropene
 Concen: 49.468 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	52.0
77	30.6	25.1	37.7

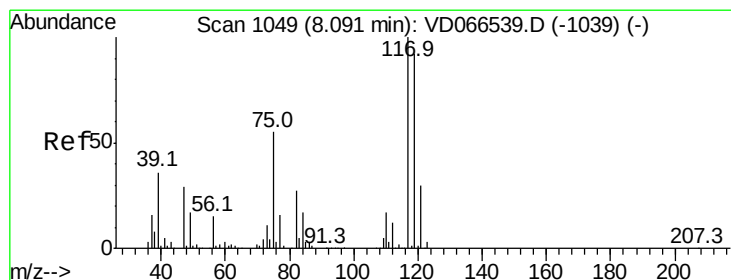
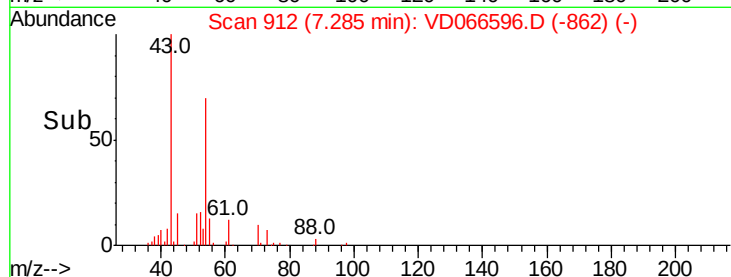
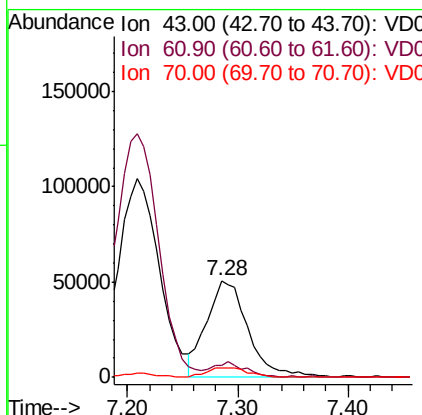
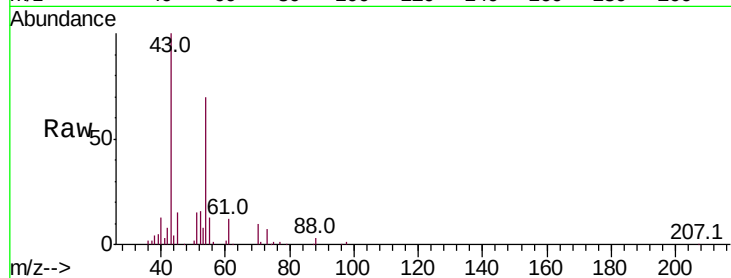




#37
Ethyl Acetate
Concen: 54.447 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

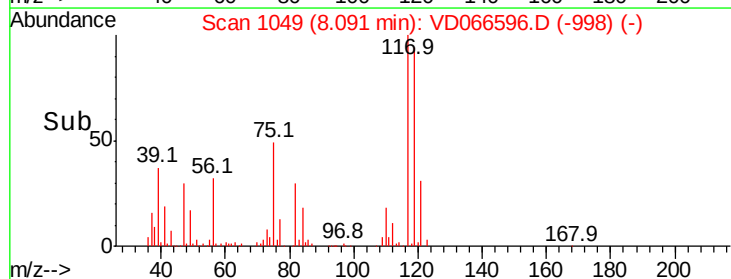
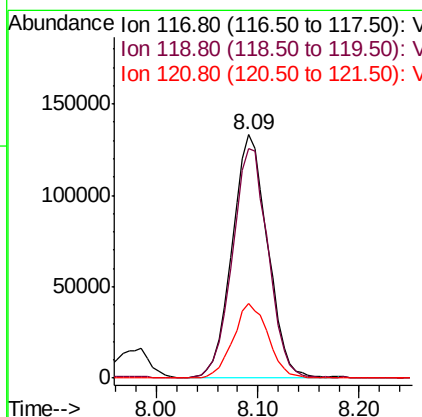
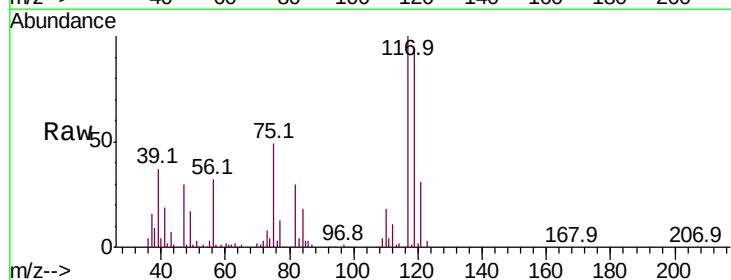
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

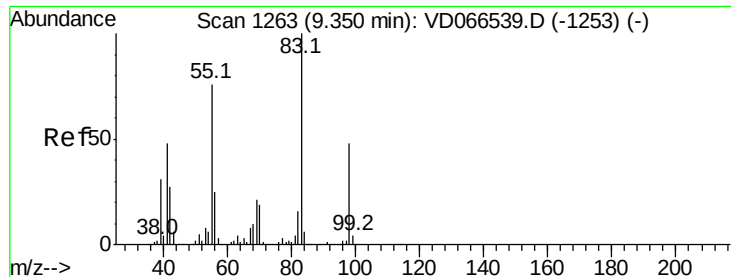
Tot Ion: 43 Resp: 129277
Ion Ratio Lower Upper
43 100
61 11.9 11.8 17.8
70 10.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 51.007 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 117 Resp: 321474
Ion Ratio Lower Upper
117 100
119 94.4 73.9 110.9
121 30.9 24.1 36.1

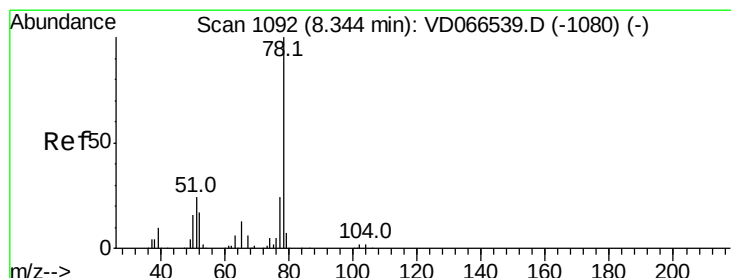
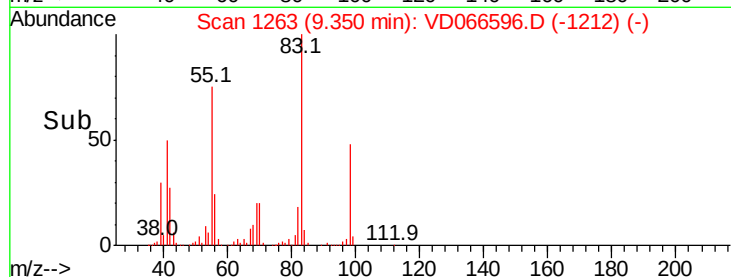
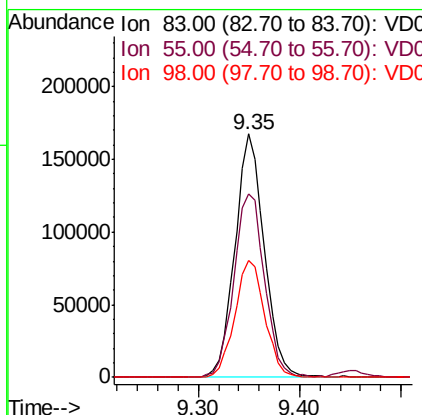
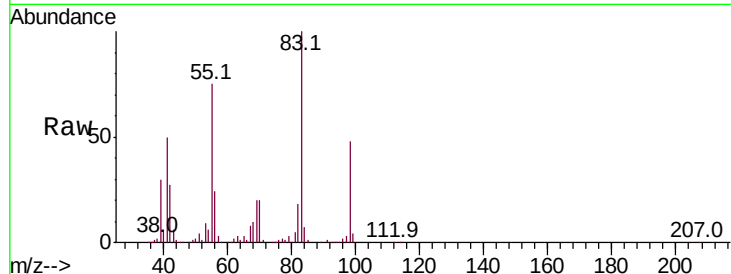




#39
Methylvlcyclohexane
Concen: 50.415 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

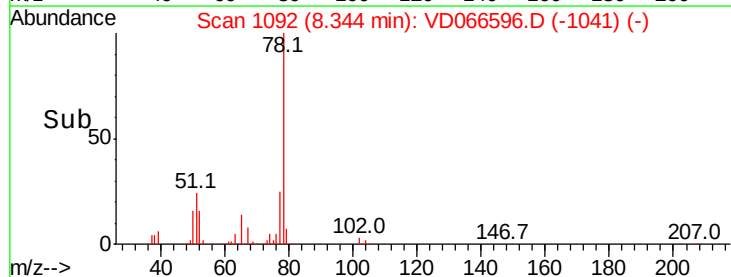
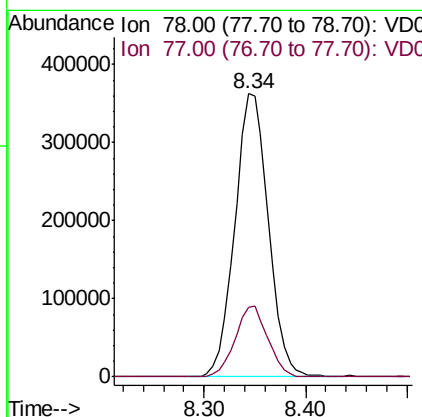
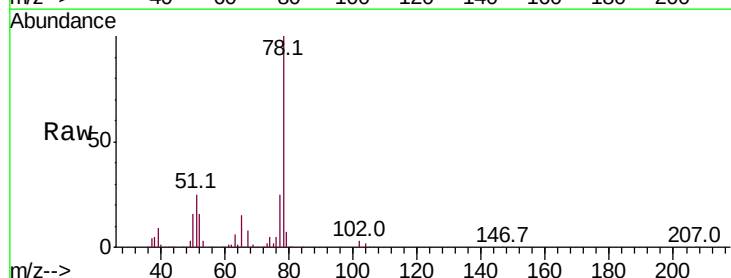
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

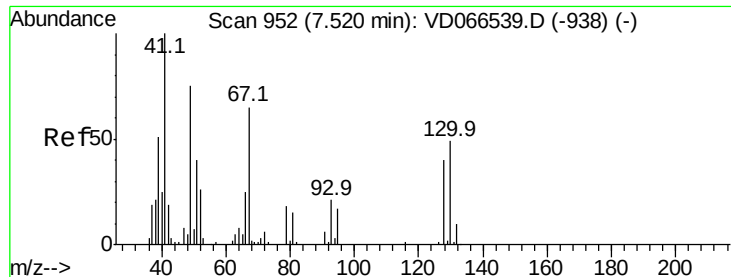
Tot Ion: 83 Resp: 335677
Ion Ratio Lower Upper
83 100
55 75.2 60.8 91.2
98 48.0 38.6 58.0



#40
Benzene
Concen: 50.935 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 78 Resp: 831810
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

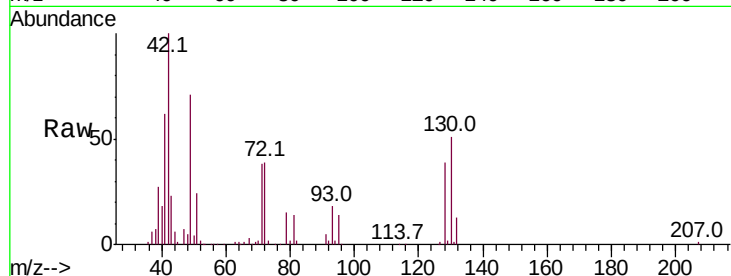




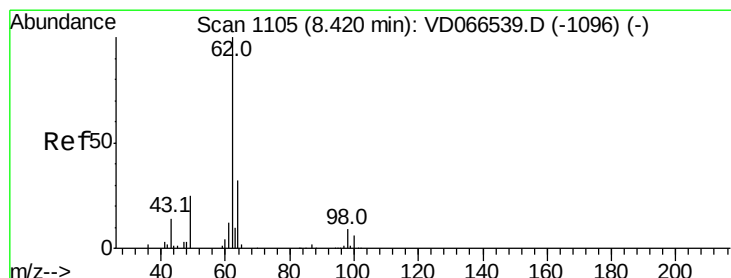
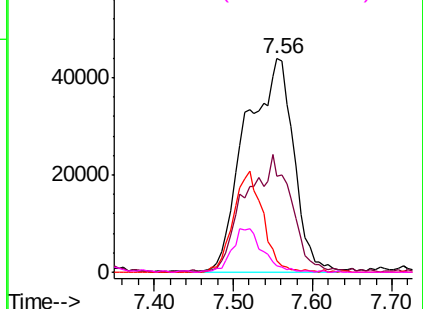
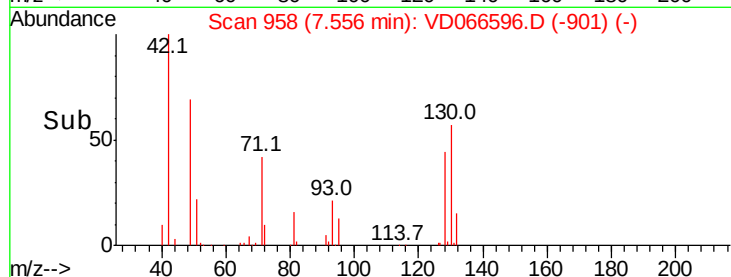
#41
Methacrylonitrile
Concen: 160.624 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.04 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 184610
Ion Ratio Lower Upper
41 100
39 52.8 53.6 80.4#
67 0.0 59.2 88.8#
52 0.0 26.8 40.2#

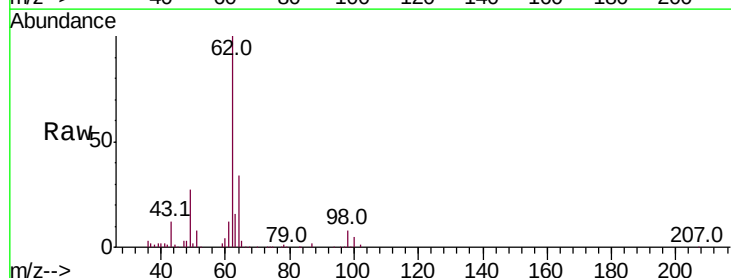


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

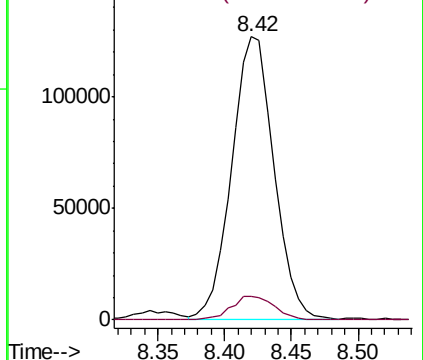
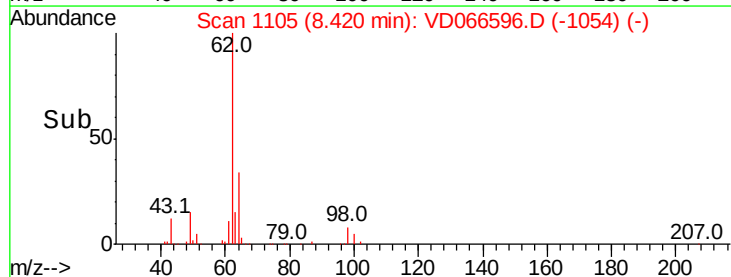


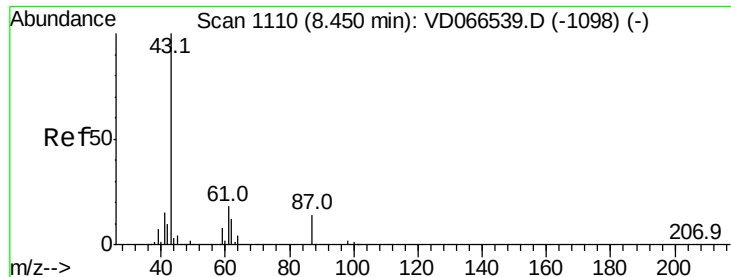
#42
1,2-Dichloroethane
Concen: 52.456 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 62 Resp: 277555
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 55.337 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

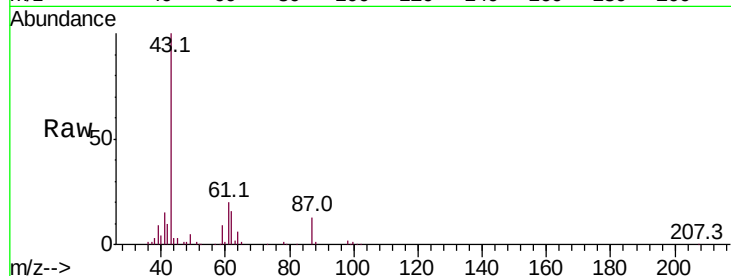
Tot Ion: 43 Resp: 251795

Ion Ratio Lower Upper

43 100

61 30.0 23.8 35.8

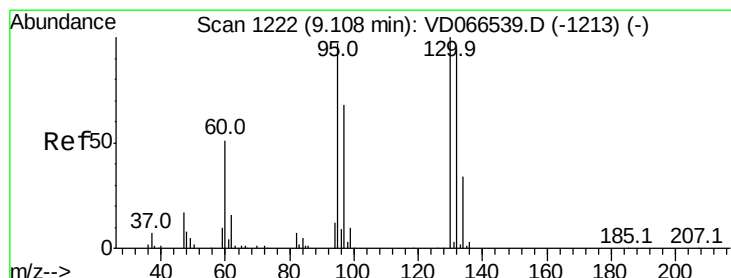
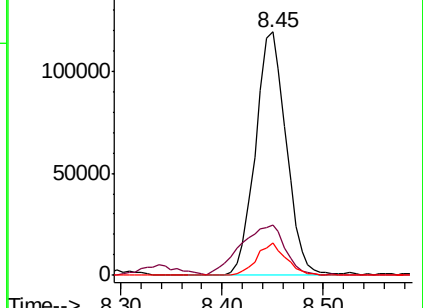
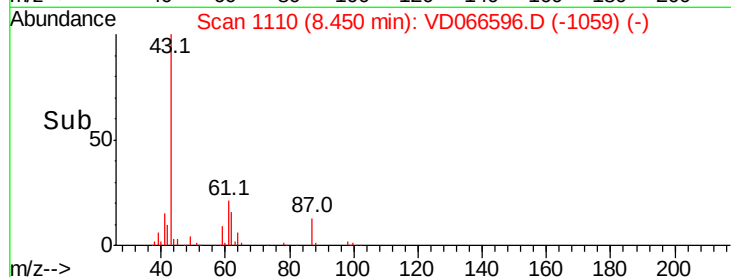
87 12.6 10.7 16.1



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: 50.885 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066596.D

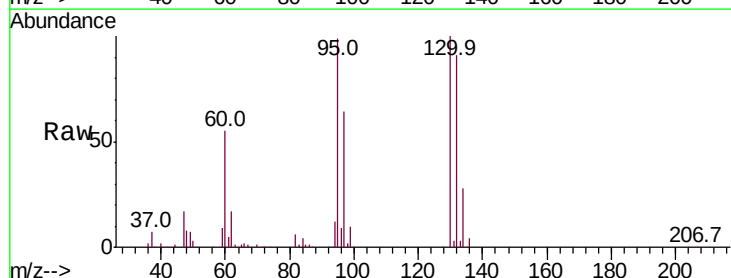
Acq: 09 Sep 2020 22:32

Tgt Ion:130 Resp: 217978

Ion Ratio Lower Upper

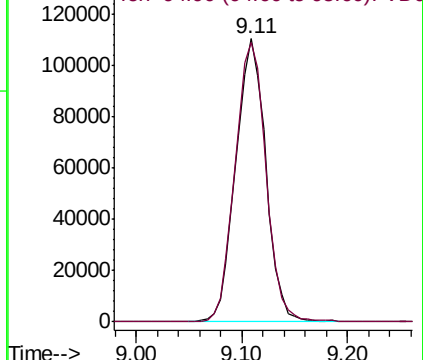
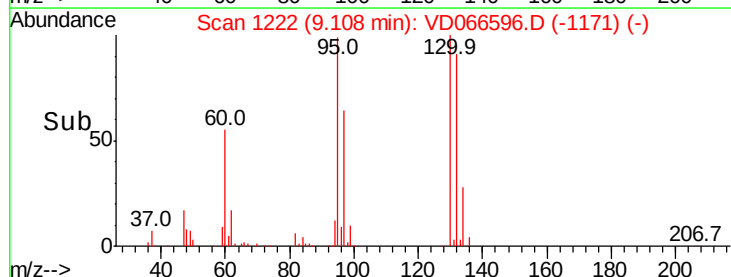
130 100

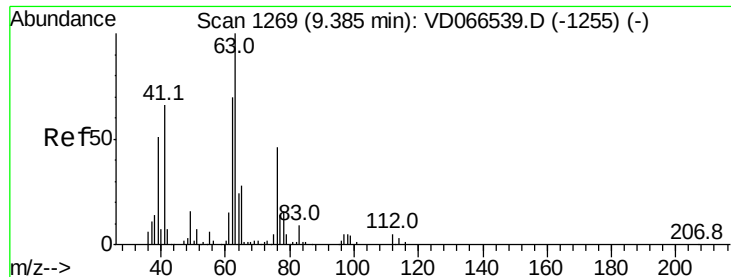
95 98.8 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.981 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

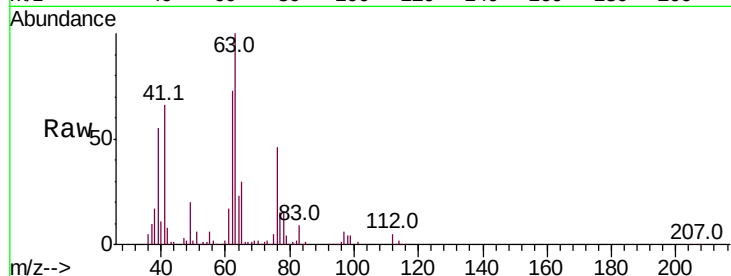
VSTDCCC050

Tot Ion: 63 Resp: 217586

Ion Ratio Lower Upper

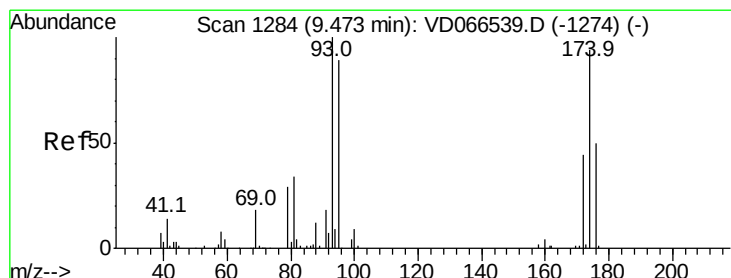
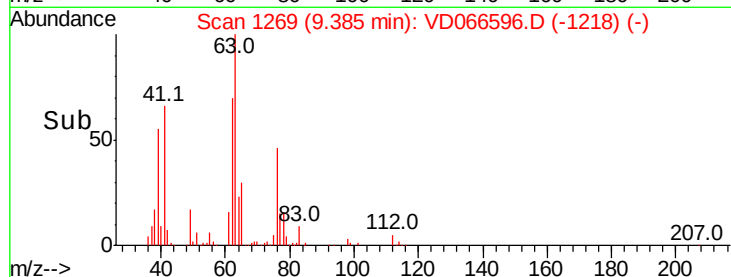
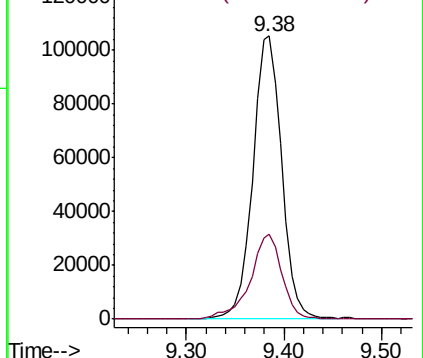
63 100

65 29.9 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 52.813 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

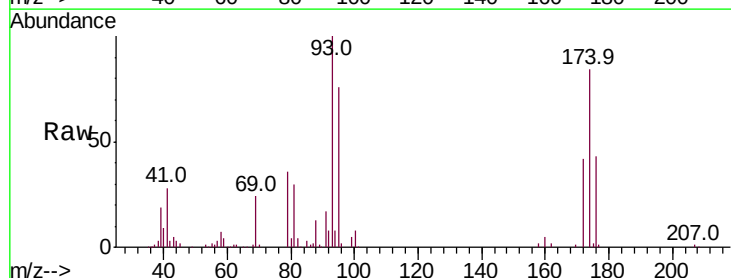
Tgt Ion: 93 Resp: 119663

Ion Ratio Lower Upper

93 100

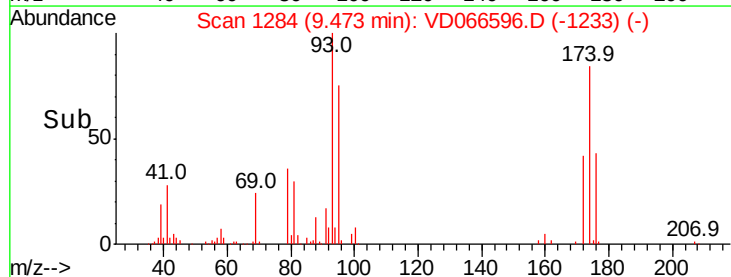
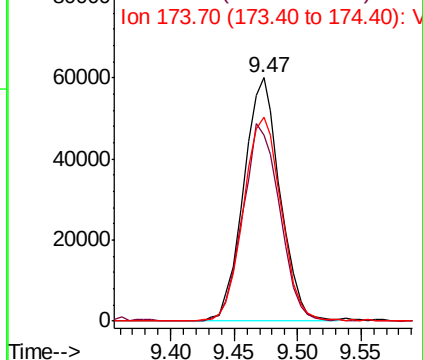
95 82.5 68.7 103.1

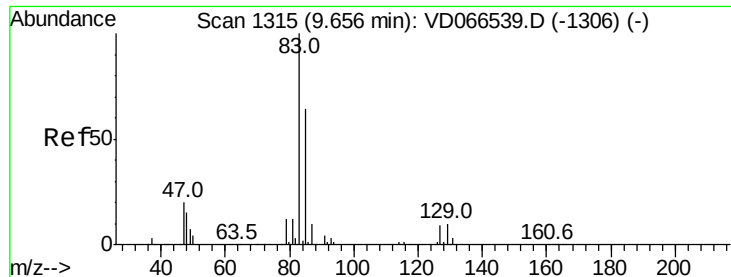
174 87.2 70.0 105.0



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC





#47

Bromodichloromethane

Concen: 52.394 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

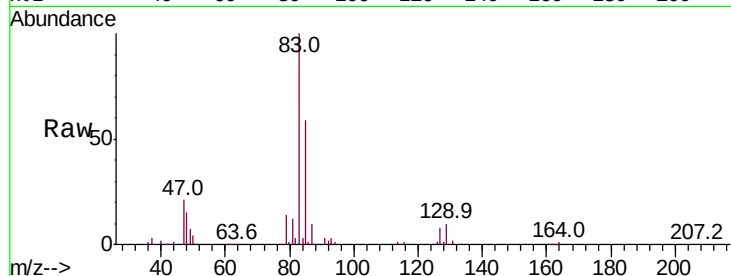
Tot Ion: 83 Resp: 321182

Ion Ratio Lower Upper

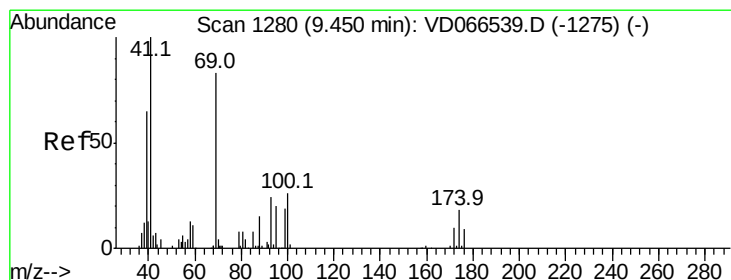
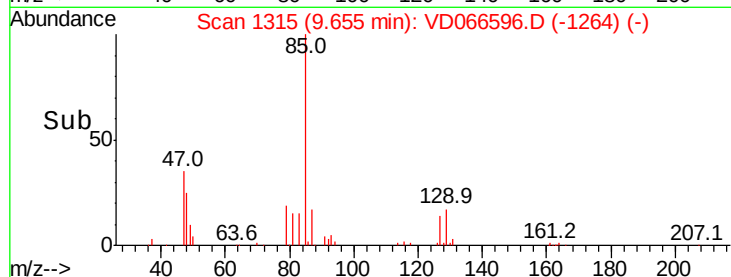
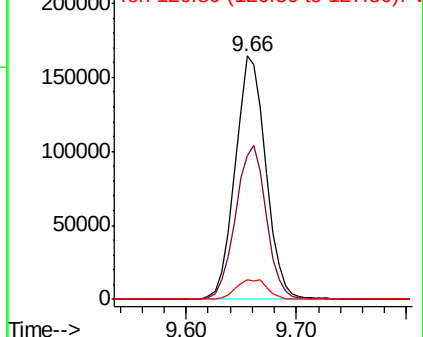
83 100

85 58.8 51.1 76.7

127 8.2 6.9 10.3



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: 52.498 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

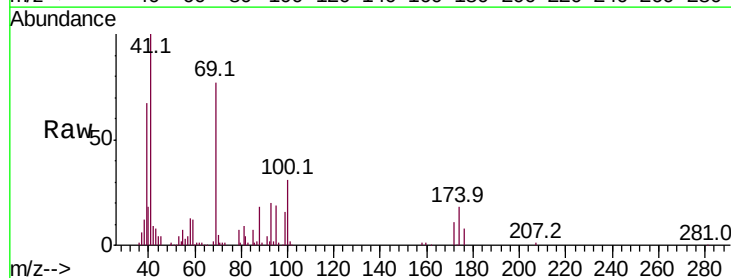
Tgt Ion: 41 Resp: 120790

Ion Ratio Lower Upper

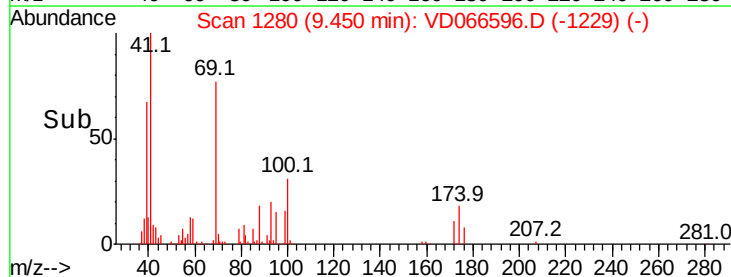
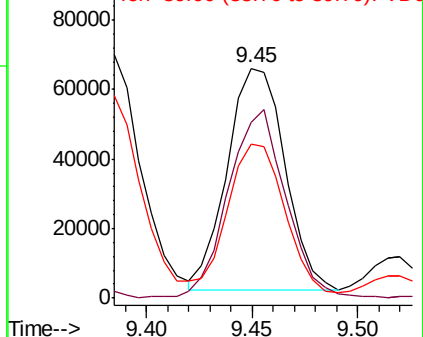
41 100

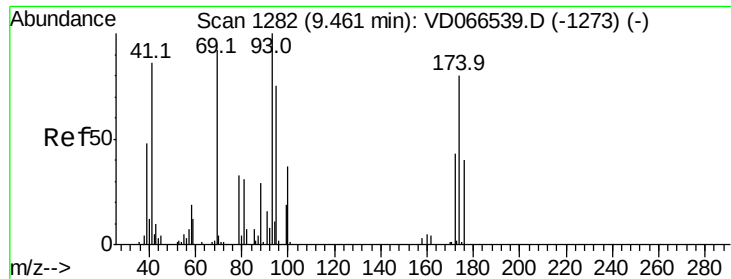
69 84.1 64.5 96.7

39 65.4 46.6 69.8



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: 1040.687 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

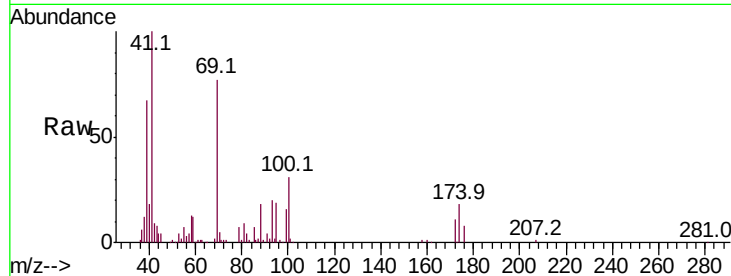
Tot Ion: 88 Resp: 25869

Ion Ratio Lower Upper

88 100

43 44.0 28.3 42.5#

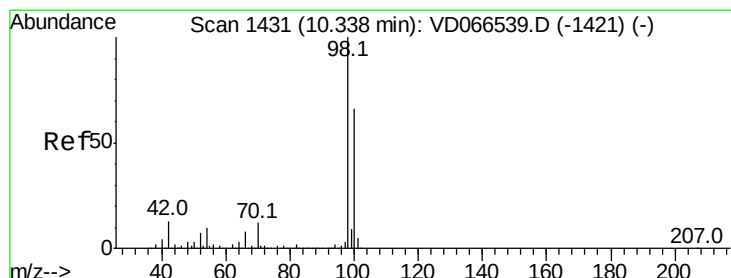
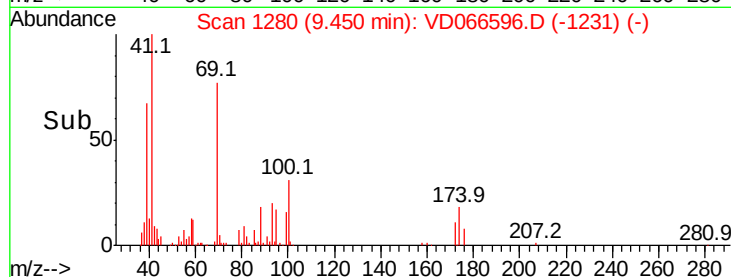
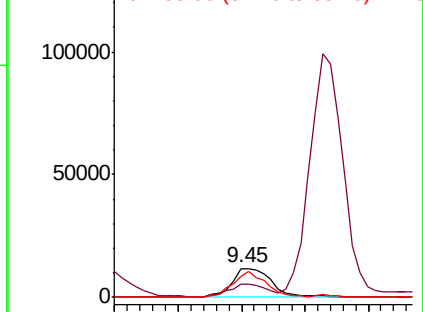
58 75.1 56.1 84.1



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: 55.220 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066596.D

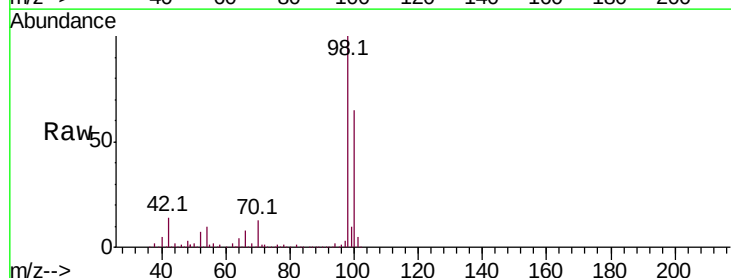
Acq: 09 Sep 2020 22:32

Tgt Ion: 98 Resp: 762860

Ion Ratio Lower Upper

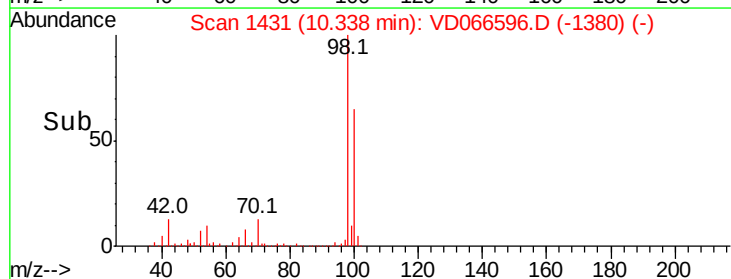
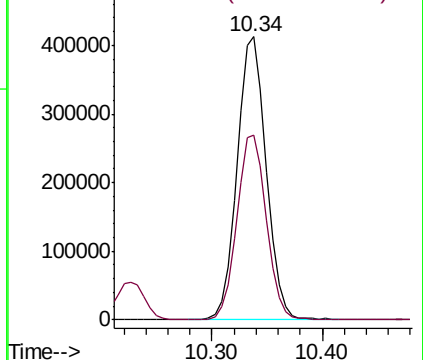
98 100

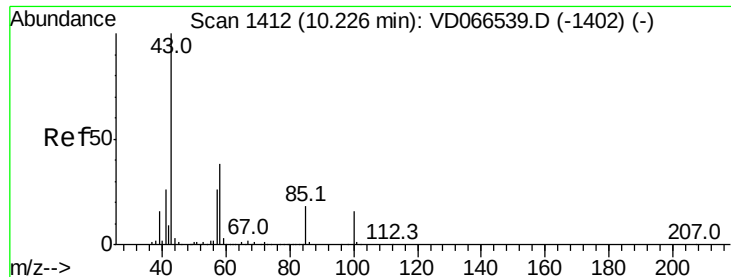
100 65.9 52.9 79.3



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: 290.968 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

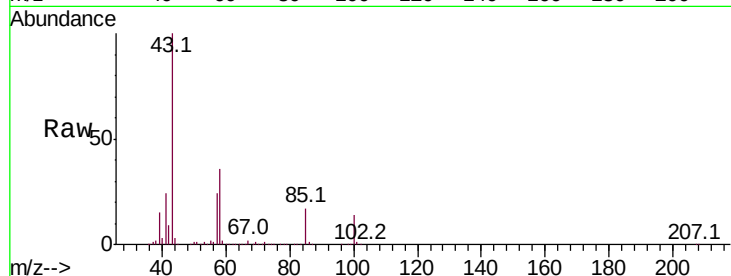
VSTDCCC050

Tot Ion: 43 Resp: 667709

Ion Ratio Lower Upper

43 100

58 37.1 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400000

300000

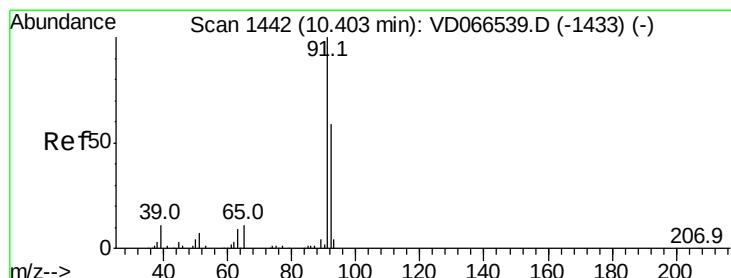
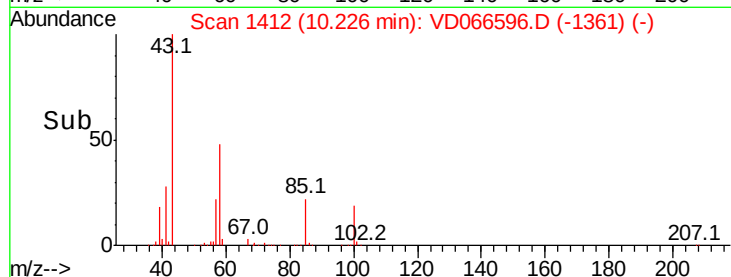
200000

100000

0

Time-->

10.10 10.20 10.30



#52

Toluene

Concen: 52.620 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066596.D

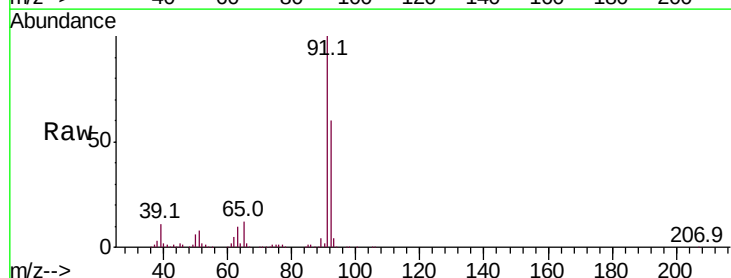
Acq: 09 Sep 2020 22:32

Tgt Ion: 92 Resp: 543952

Ion Ratio Lower Upper

92 100

91 169.9 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

500000

400000

300000

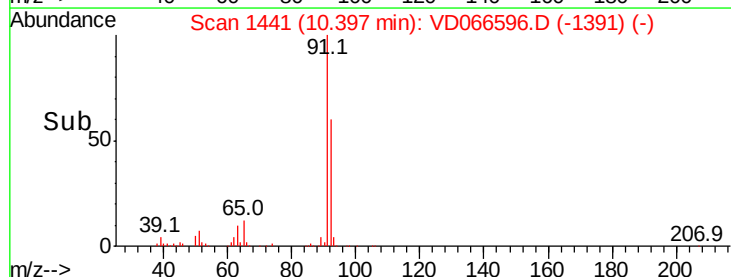
200000

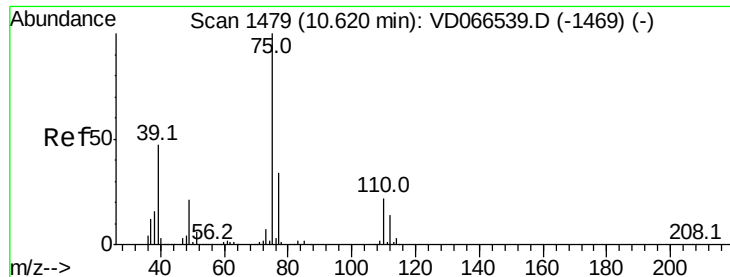
100000

0

Time-->

10.30 10.40 10.50





#53

t-1,3-Dichloropropene

Concen: 53.862 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

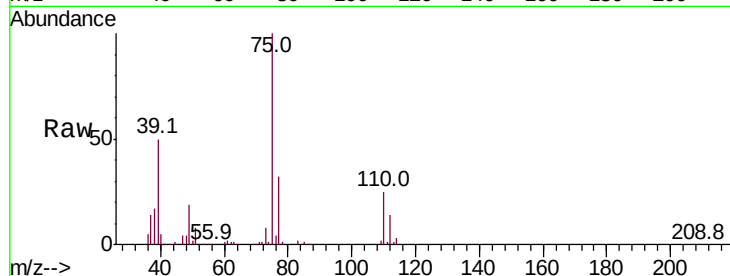
VSTDCCC050

Tot Ion: 75 Resp: 291477

Ion Ratio Lower Upper

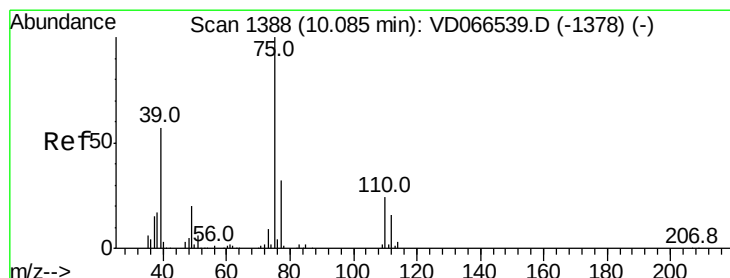
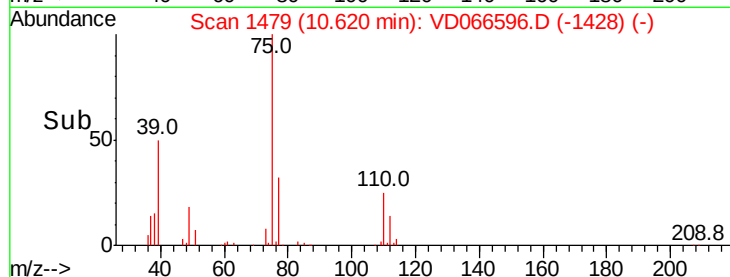
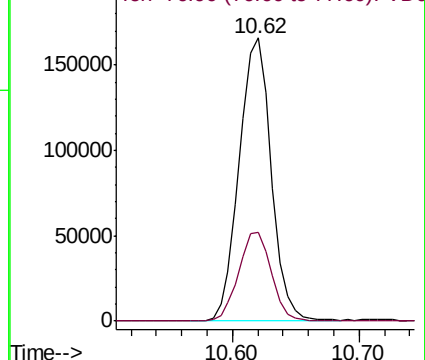
75 100

77 31.5 27.4 41.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 52.838 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

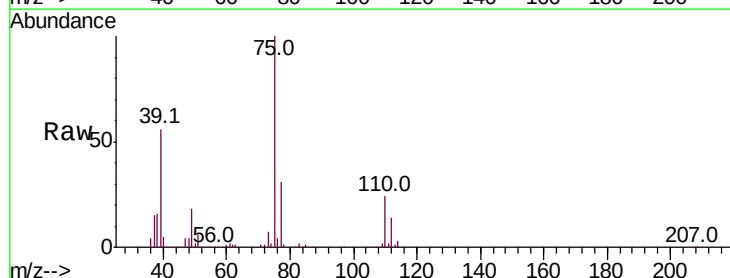
Tgt Ion: 75 Resp: 343378

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

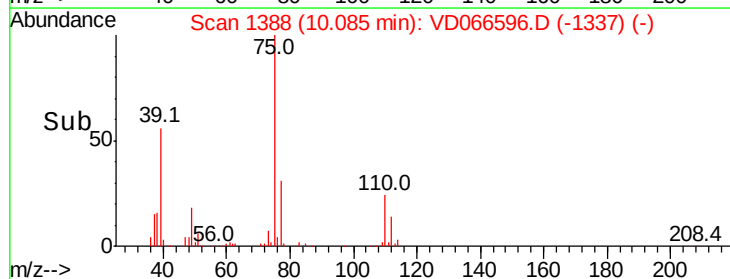
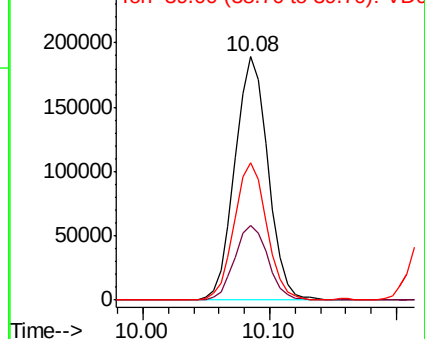
39 56.1 45.4 68.0

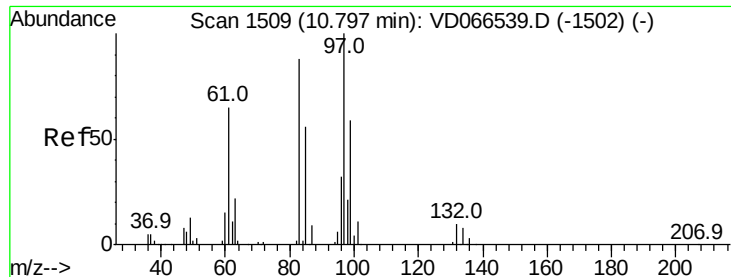


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 53.898 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 157020

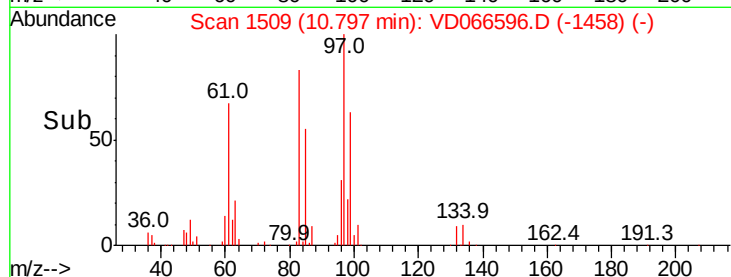
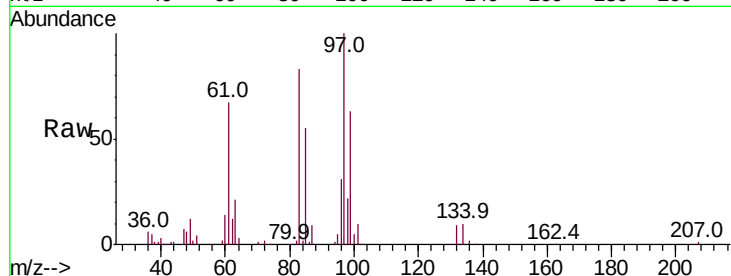
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.1	105.1
85	55.2	44.5	66.7
99	62.8	47.1	70.7

97 100

83 83.2 70.1 105.1

85 55.2 44.5 66.7

99 62.8 47.1 70.7

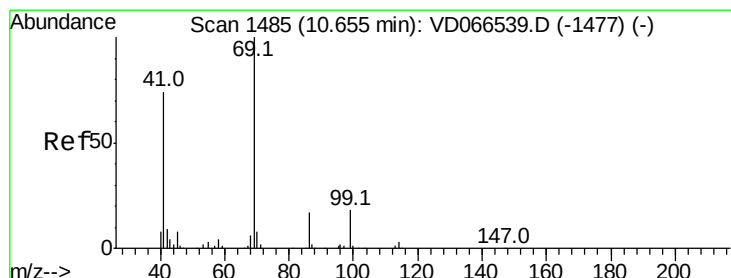
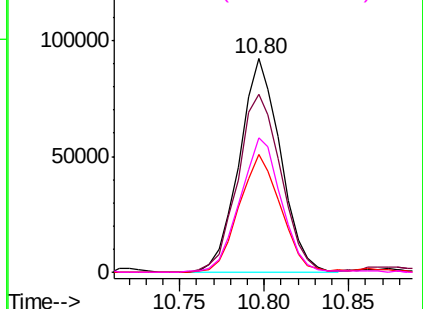


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 58.711 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

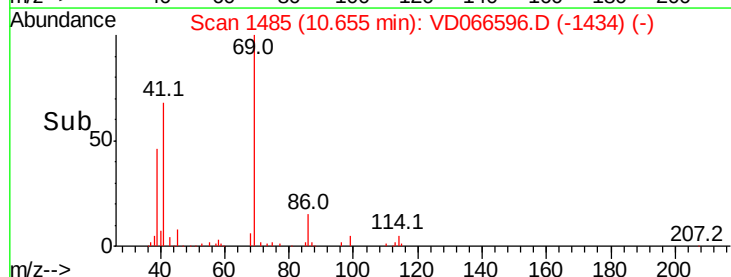
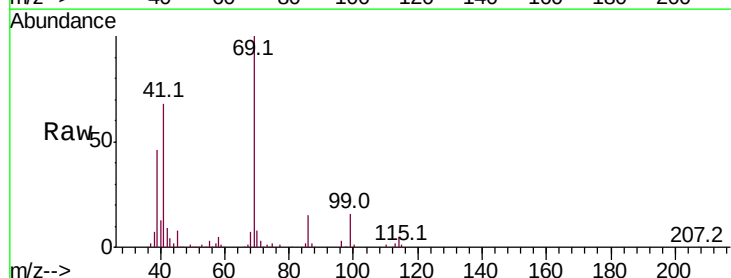
Tgt Ion: 69 Resp: 199149

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.8	85.2
39	40.2	30.6	46.0

69 100

41 70.6 56.8 85.2

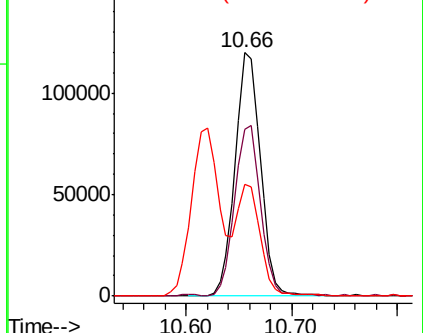
39 40.2 30.6 46.0

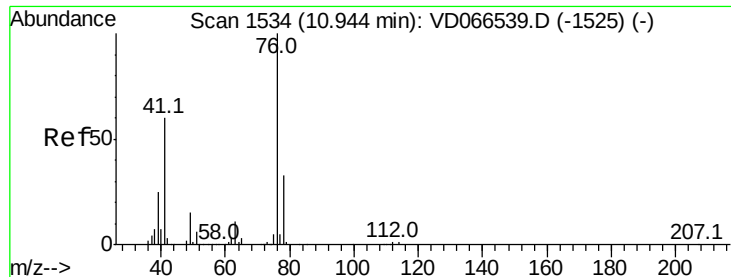


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 53.597 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

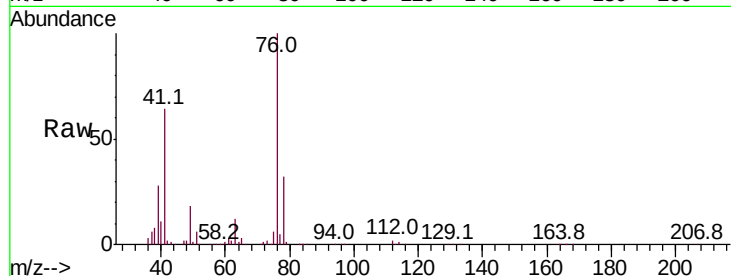
VSTDCCC050

Tot Ion: 76 Resp: 273492

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

150000

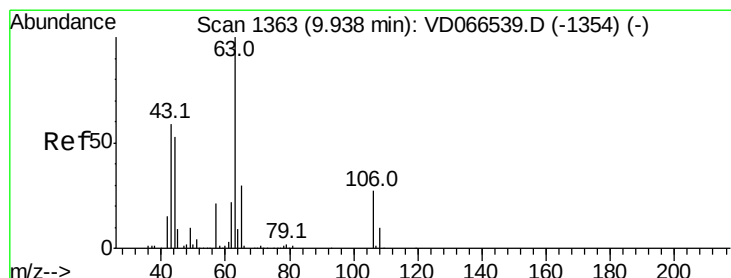
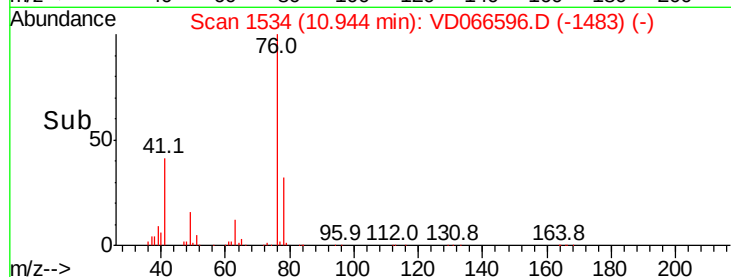
100000

50000

0

Time-->

10.90 11.00



#58

2-Chloroethyl Vinyl ether

Concen: 280.013 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066596.D

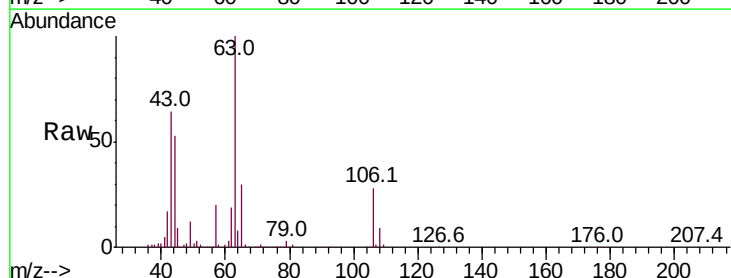
Acq: 09 Sep 2020 22:32

Tgt Ion: 63 Resp: 434439

Ion Ratio Lower Upper

63 100

106 28.1 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.94

300000

250000

200000

150000

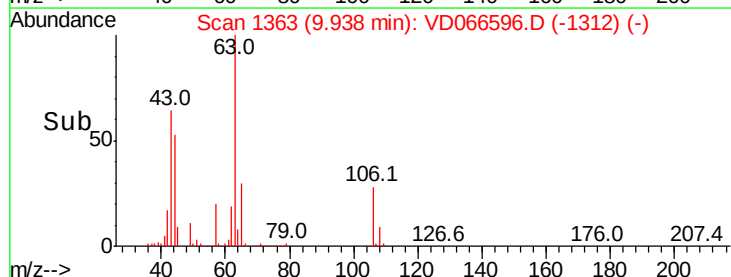
100000

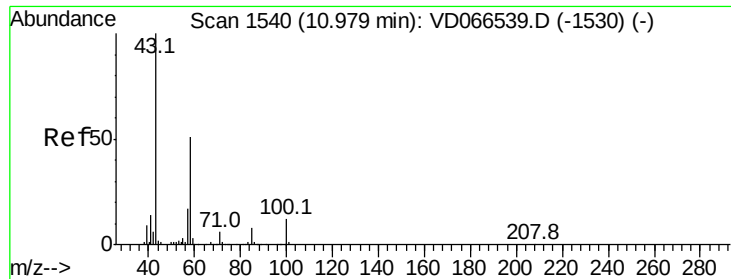
50000

0

Time-->

9.90 10.00

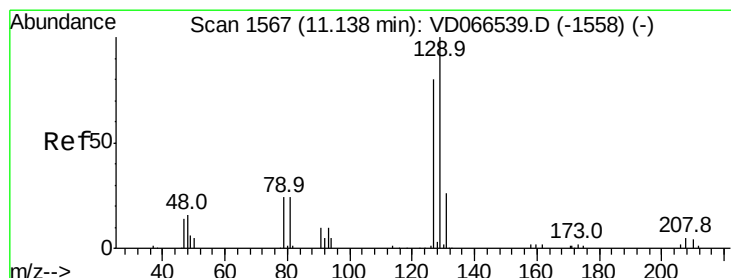
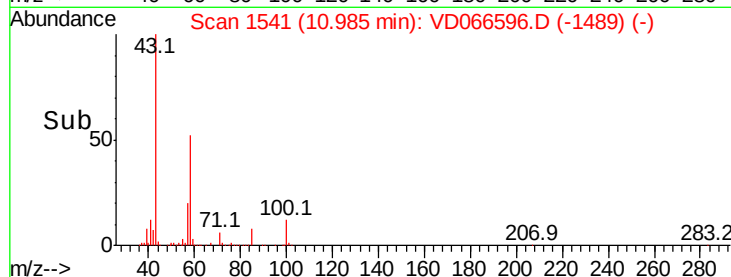
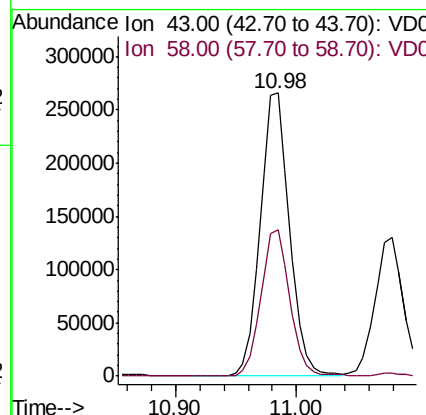
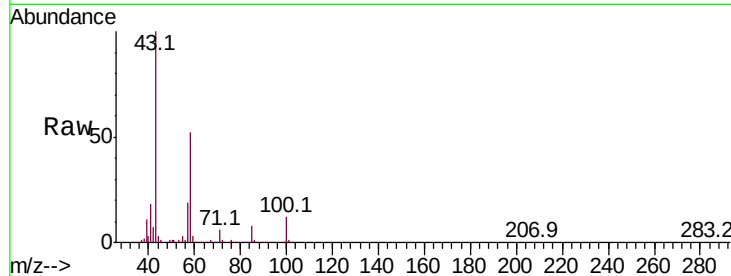




#59
2-Hexanone
Concen: 289.225 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

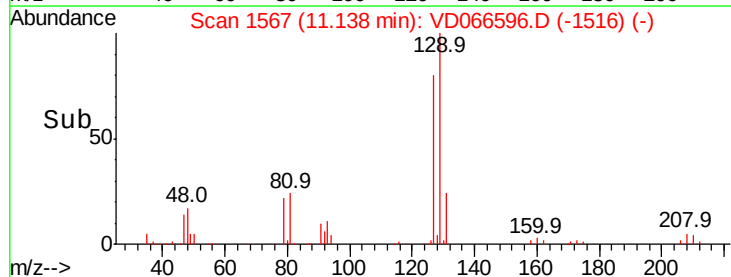
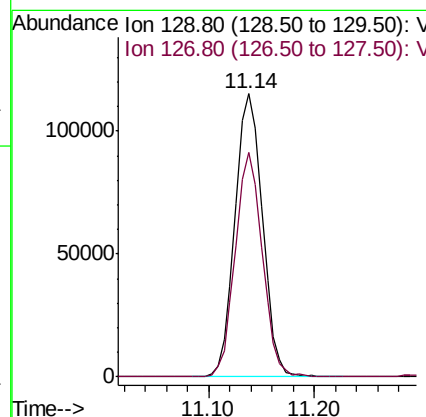
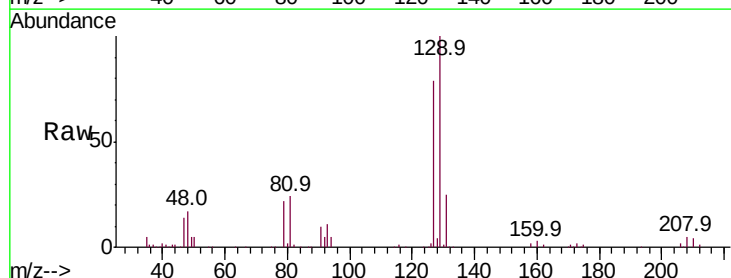
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

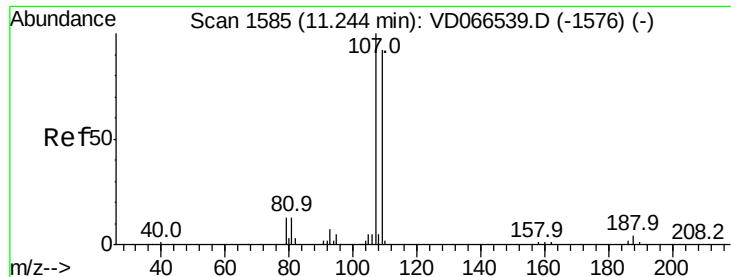
Tot Ion: 43 Resp: 446332
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8



#60
Dibromochloromethane
Concen: 53.811 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 129 Resp: 207300
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3

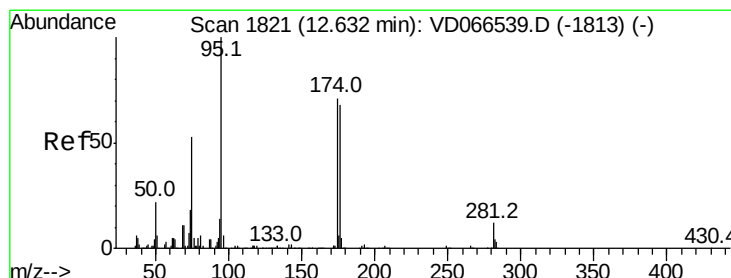
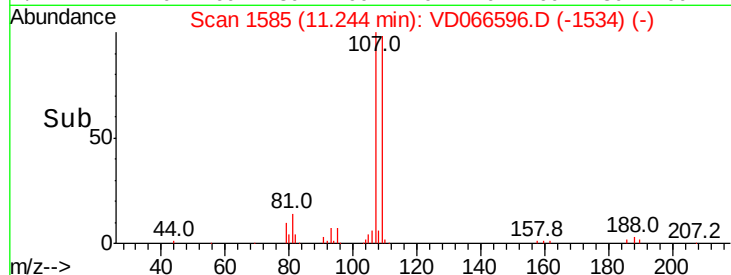
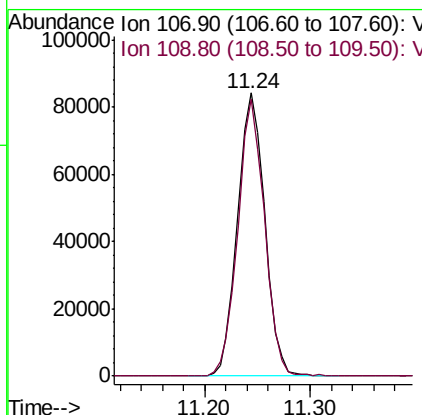
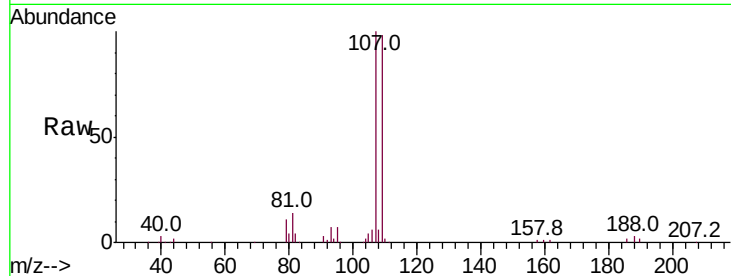




#61
 1,2-Dibromoethane
 Concen: 53.130 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

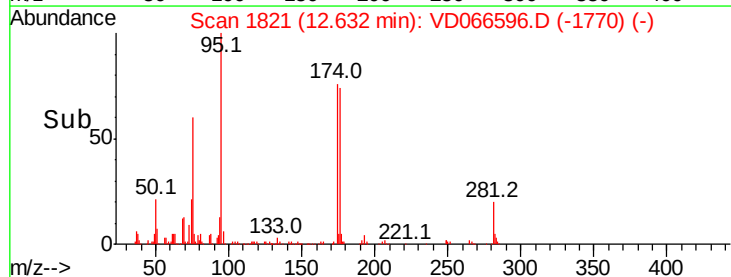
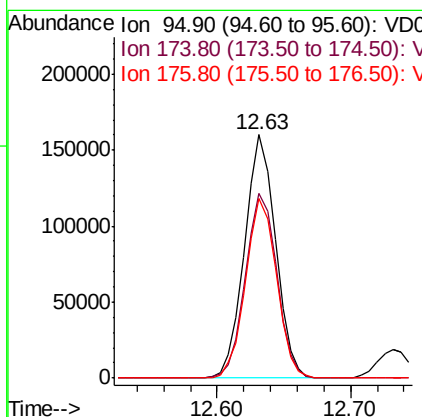
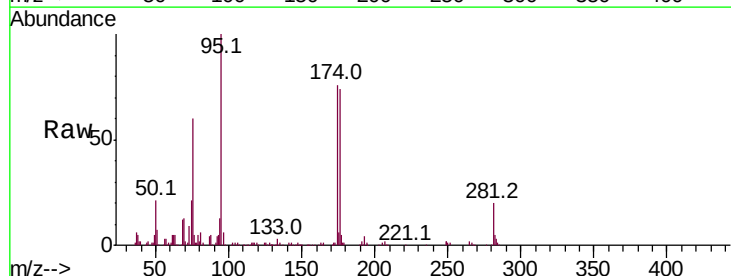
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

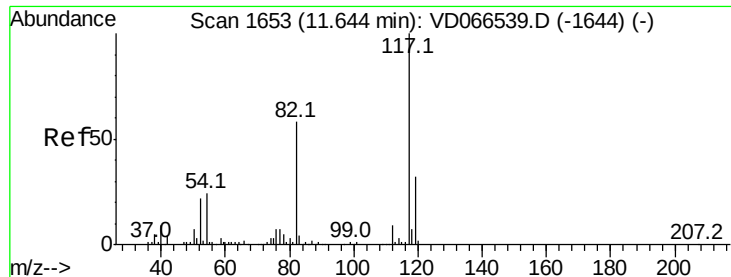
Tot Ion:107 Resp: 150585
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 55.965 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion: 95 Resp: 256370
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 155.8
 176 73.5 0.0 148.6

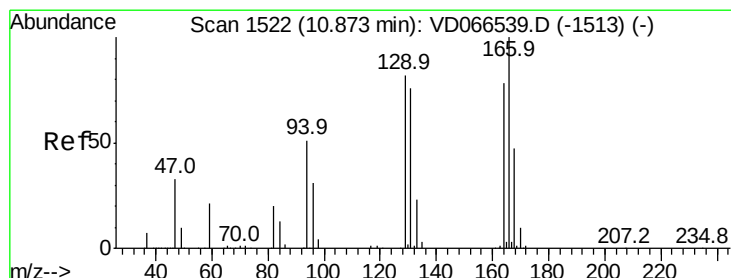
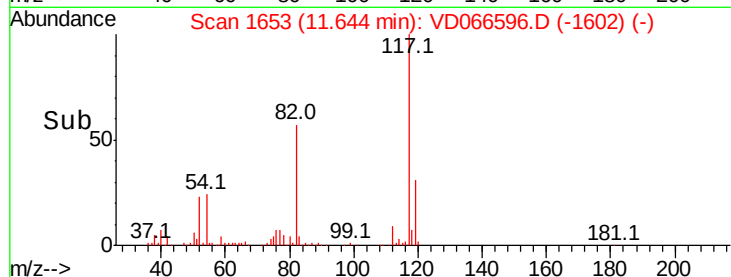
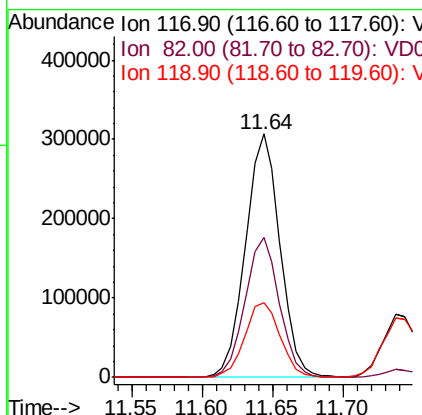
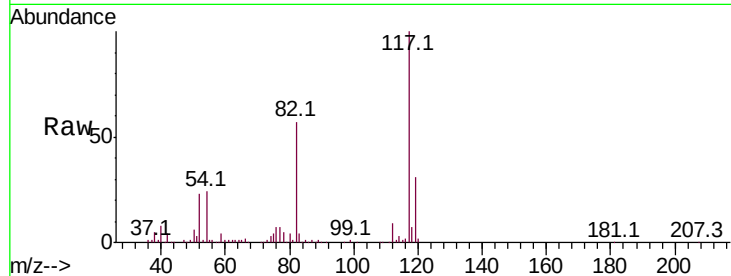




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

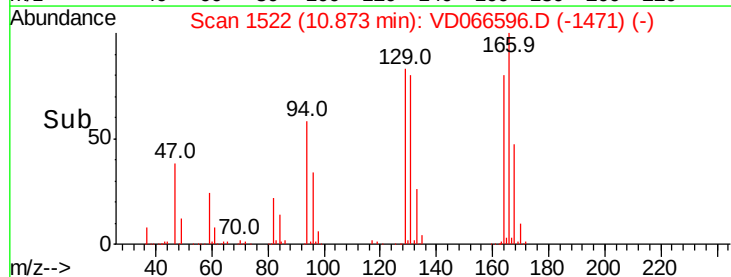
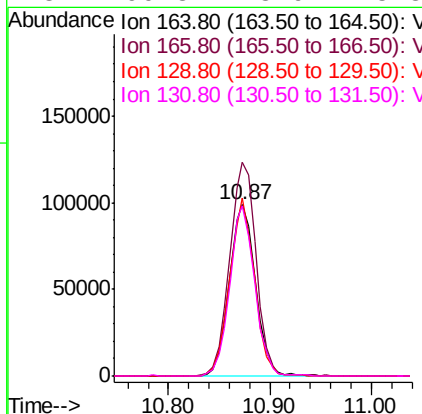
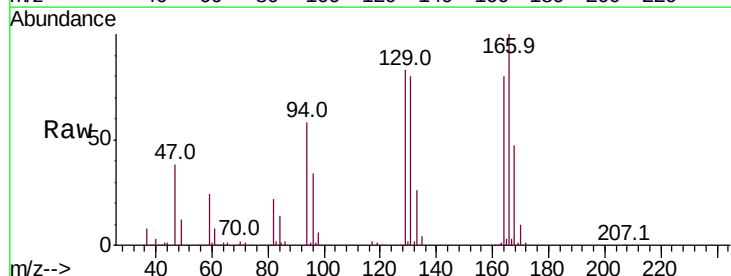
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

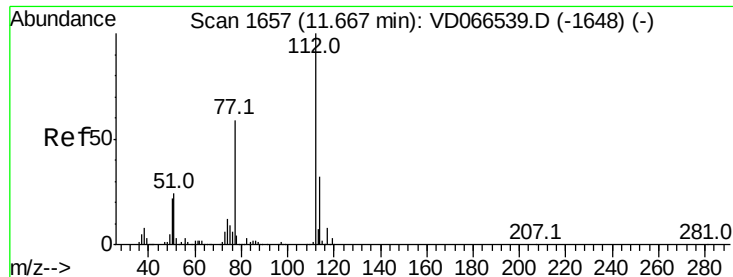
Tot Ion:117 Resp: 525865
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 30.7 25.8 38.8



#64
Tetrachloroethene
Concen: 50.089 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion:164 Resp: 177347
Ion Ratio Lower Upper
164 100
166 124.6 103.2 154.8
129 103.6 84.5 126.7
131 99.3 78.9 118.3





#65

Chlorobenzene

Concen: 51.119 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

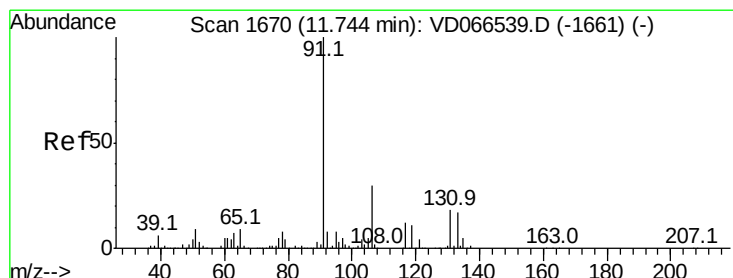
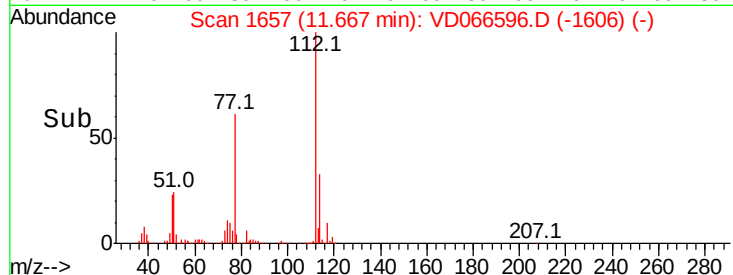
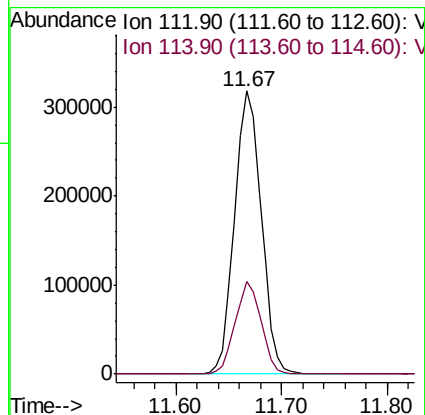
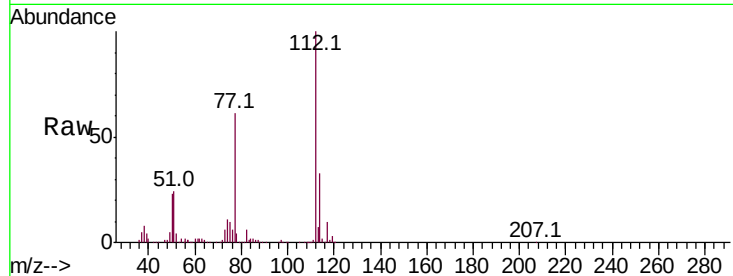
VSTDCCC050

Tot Ion:112 Resp: 554815

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.215 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

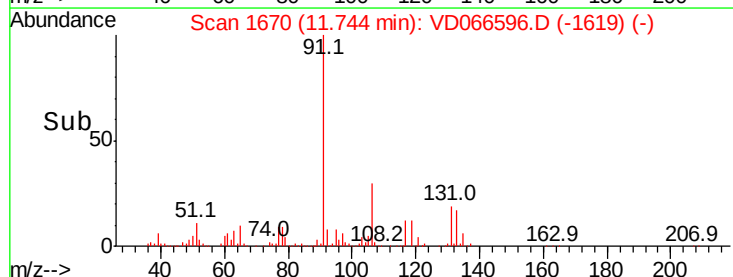
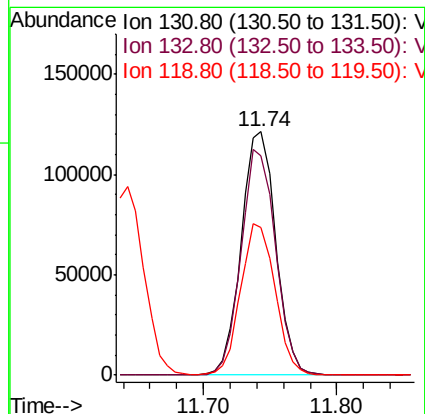
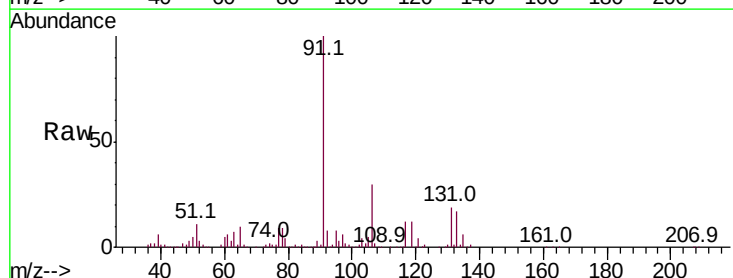
Tgt Ion:131 Resp: 216288

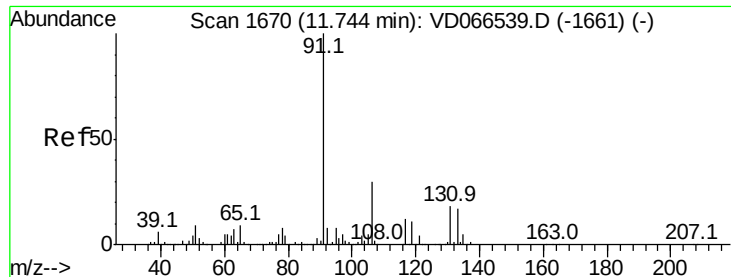
Ion Ratio Lower Upper

131 100

133 93.1 46.7 140.0

119 62.6 31.9 95.7

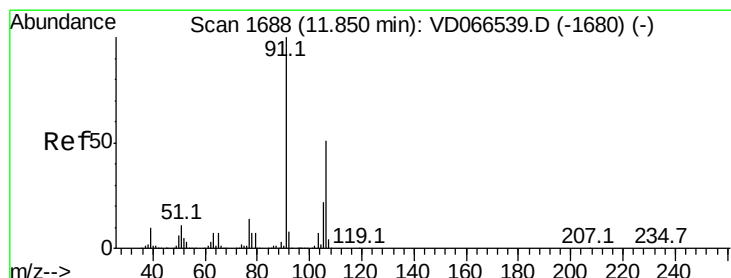
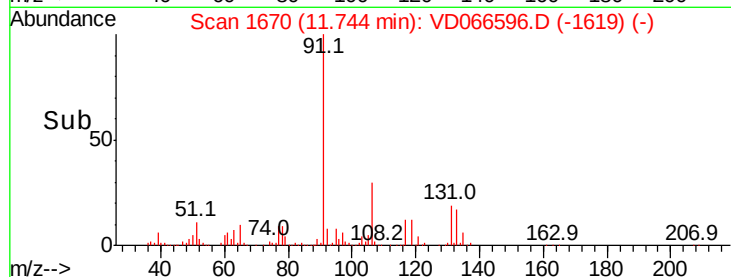
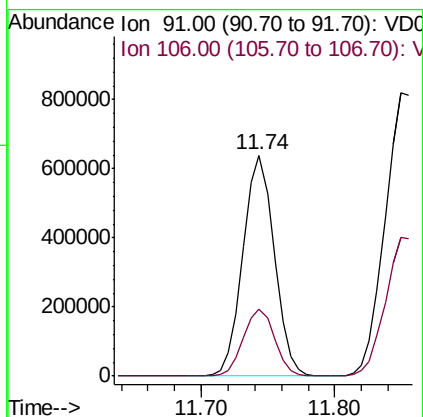
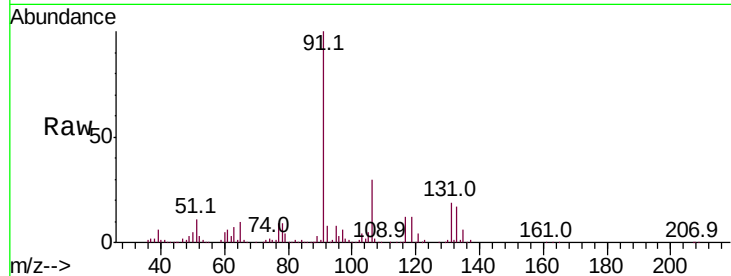




#67
Ethyl Benzene
Concen: 52.151 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

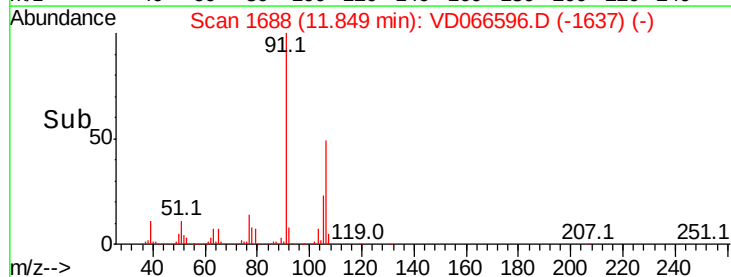
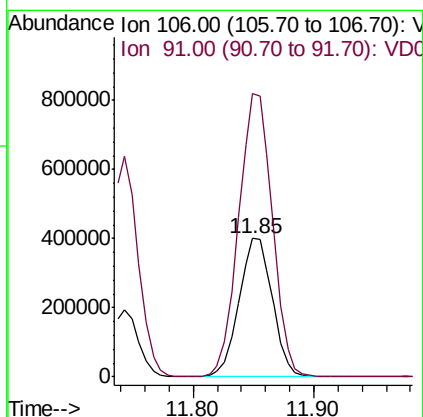
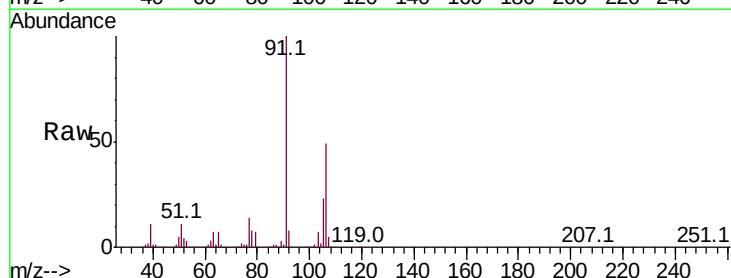
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

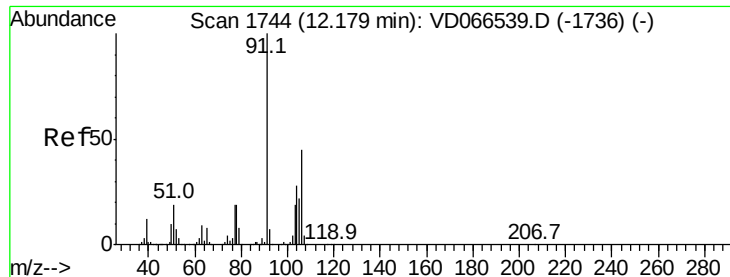
Tot Ion: 91 Resp: 1039322
Ion Ratio Lower Upper
91 100
106 30.3 24.3 36.5



#68
m/p-Xylenes
Concen: 104.349 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion:106 Resp: 772151
Ion Ratio Lower Upper
106 100
91 206.9 162.4 243.6

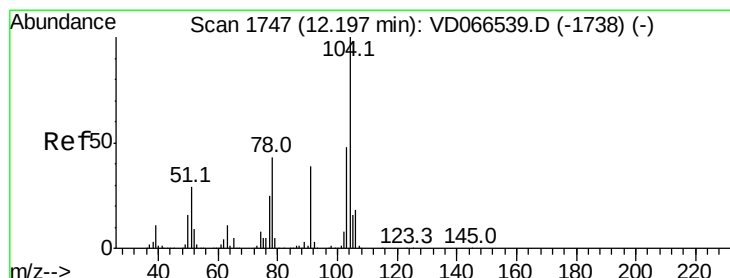
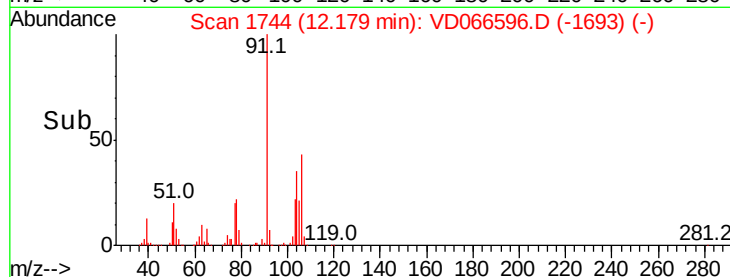
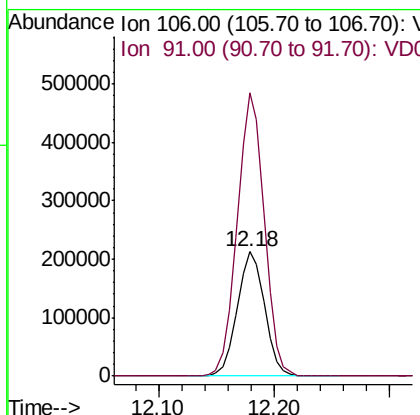
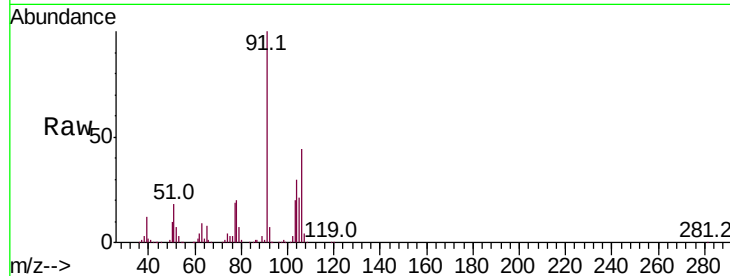




#69
o-Xylene
Concen: 52.377 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

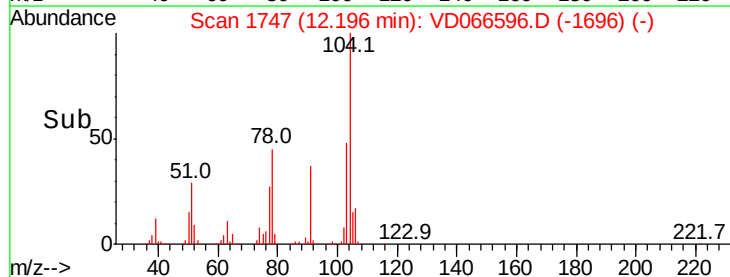
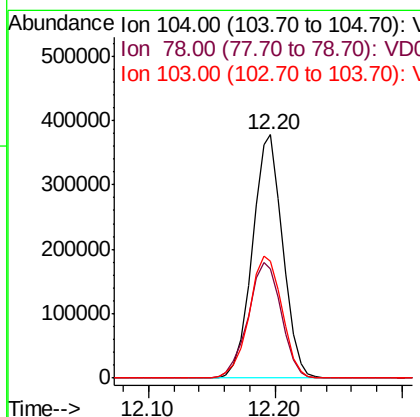
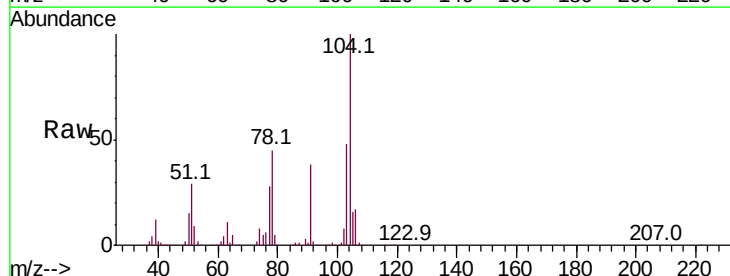
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

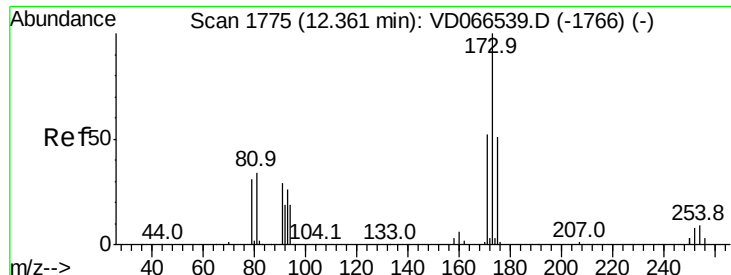
Tot Ion:106 Resp: 347340
Ion Ratio Lower Upper
106 100
91 225.9 107.9 323.8



#70
Styrene
Concen: 54.476 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion:104 Resp: 628061
Ion Ratio Lower Upper
104 100
78 52.3 40.7 61.1
103 54.4 42.9 64.3





#71

Bromoform

Concen: 52.967 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

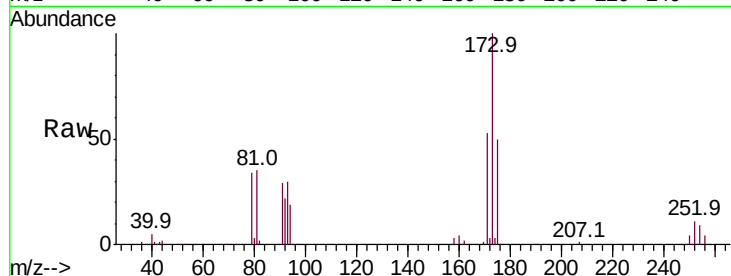
Tot Ion:173 Resp: 110571

Ion Ratio Lower Upper

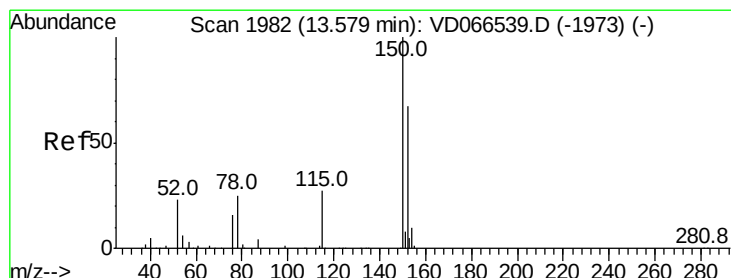
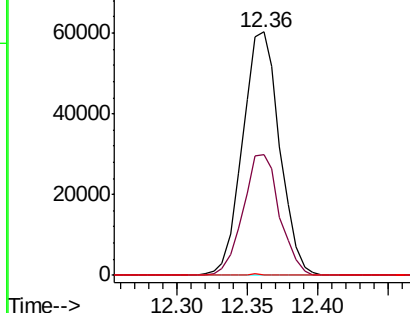
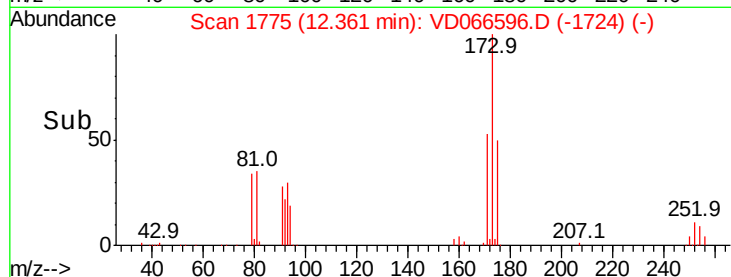
173 100

175 49.1 24.2 72.6

254 0.1 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: VD066596.D

Acq: 09 Sep 2020 22:32

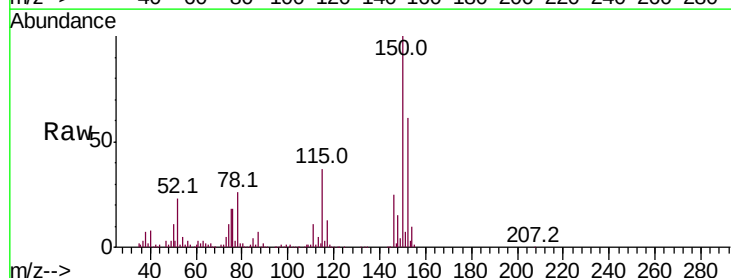
Tgt Ion:152 Resp: 241903

Ion Ratio Lower Upper

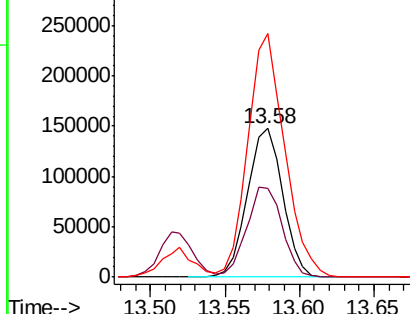
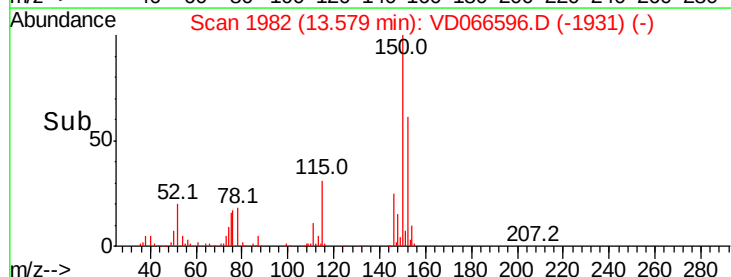
152 100

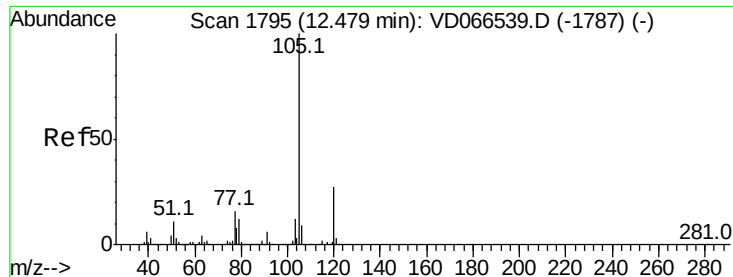
115 61.5 30.4 91.2

150 170.4 0.0 345.8



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: 54.002 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

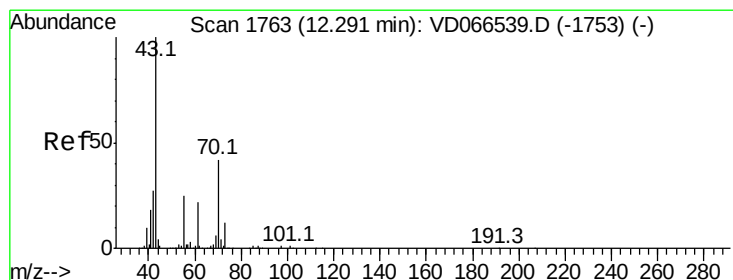
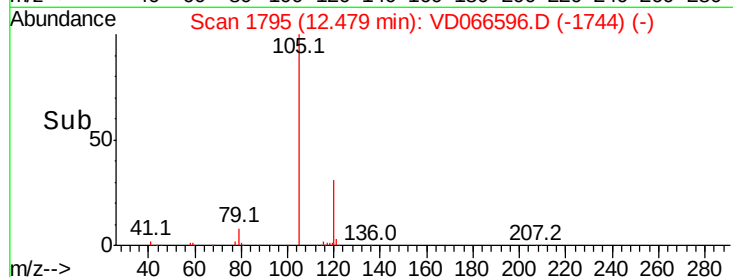
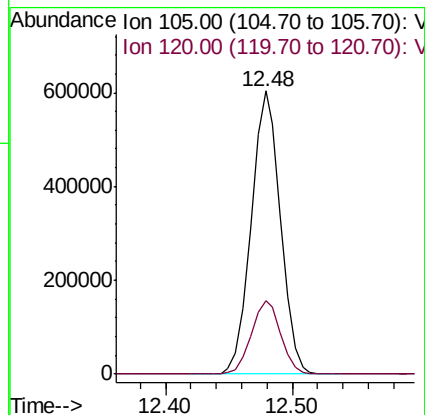
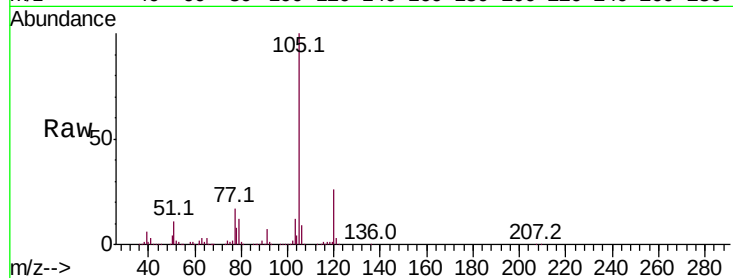
VSTDCCC050

Tot Ion:105 Resp: 967193

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 56.494 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Tgt Ion: 43 Resp: 229164

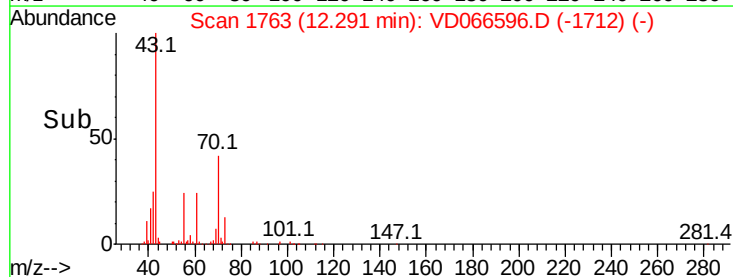
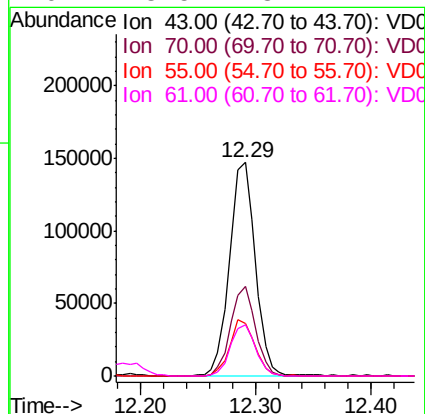
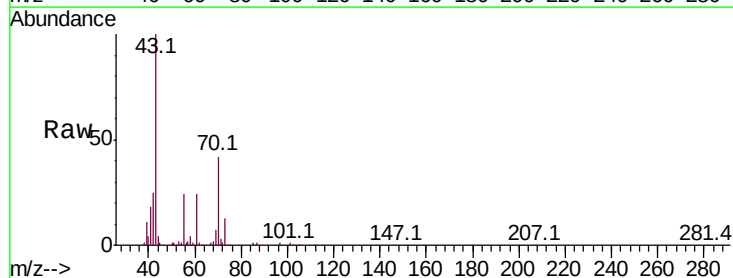
Ion Ratio Lower Upper

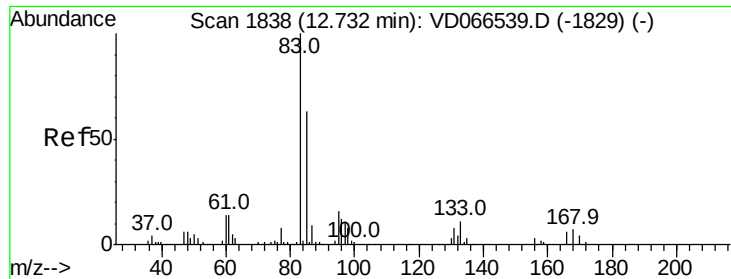
43 100

70 40.2 33.4 50.2

55 25.6 20.1 30.1

61 23.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.391 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

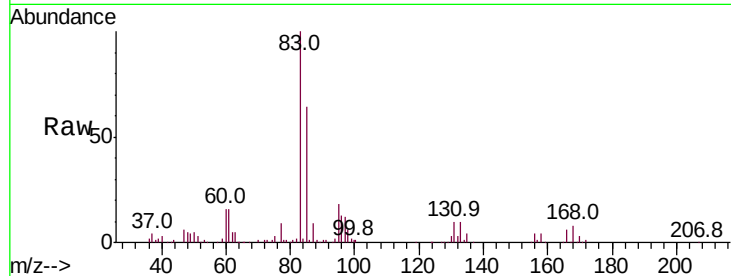
Tot Ion: 83 Resp: 175266

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

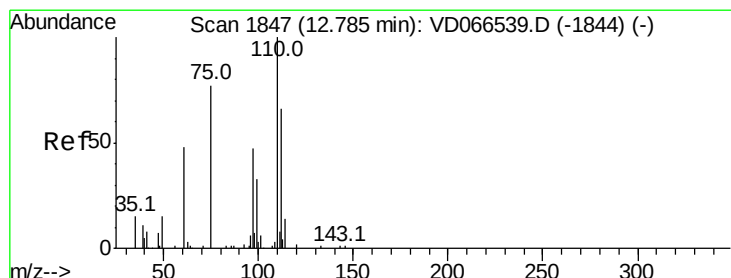
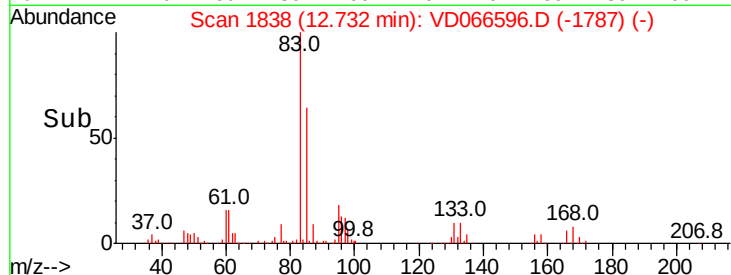
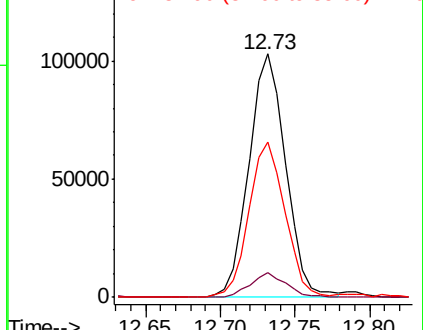
85 62.5 32.1 96.3



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: 98.536 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066596.D

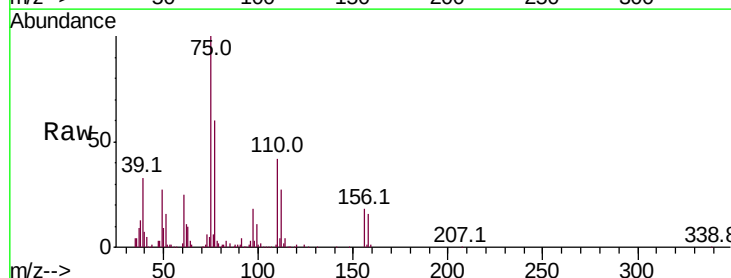
Acq: 09 Sep 2020 22:32

Tgt Ion: 75 Resp: 229241

Ion Ratio Lower Upper

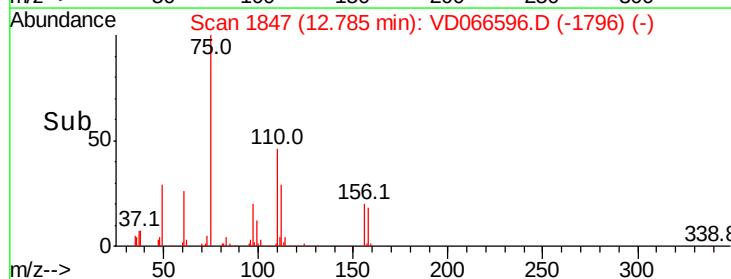
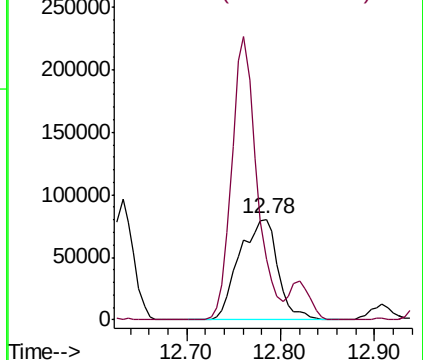
75 100

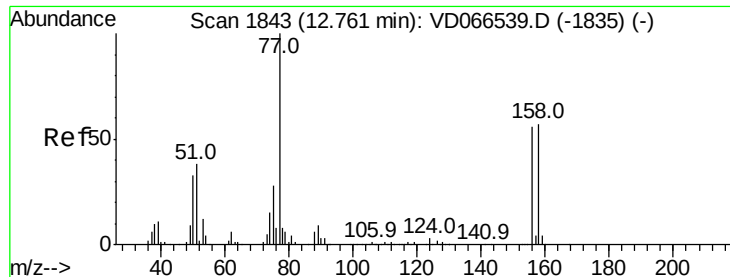
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

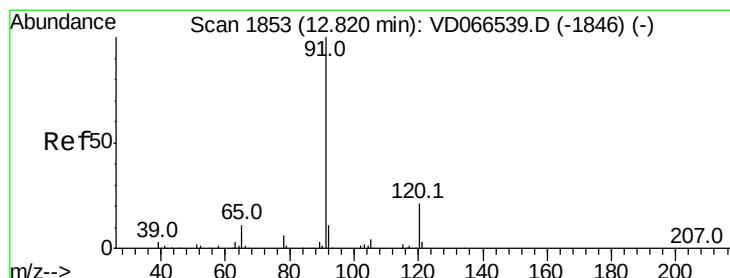
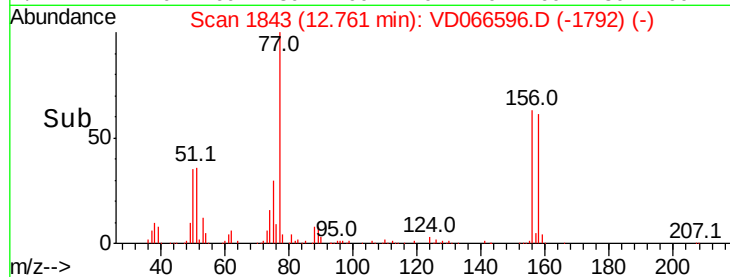
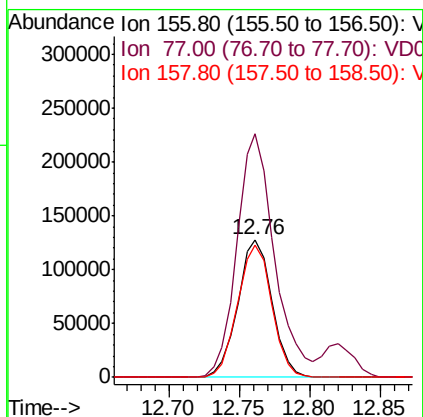
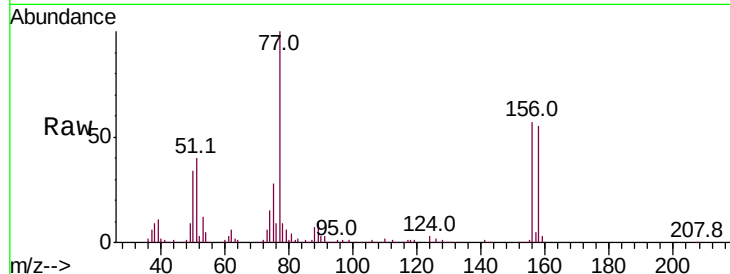




#77
Bromobenzene
Concen: 54.177 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

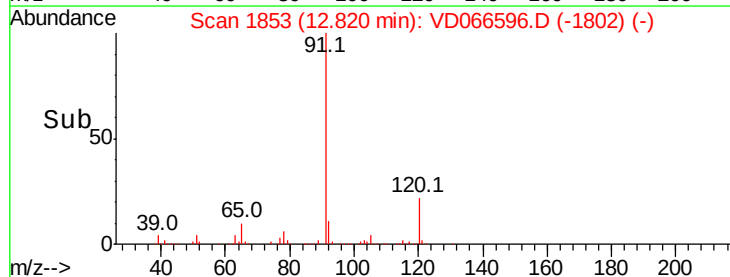
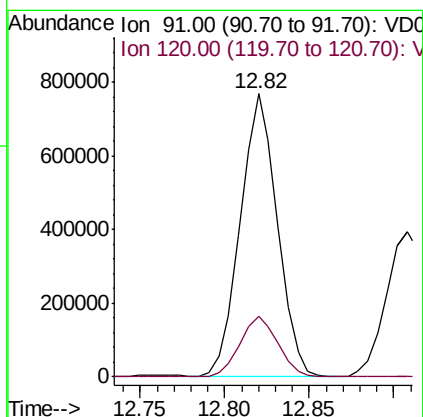
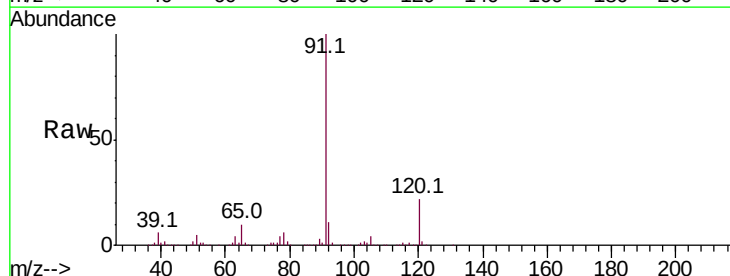
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

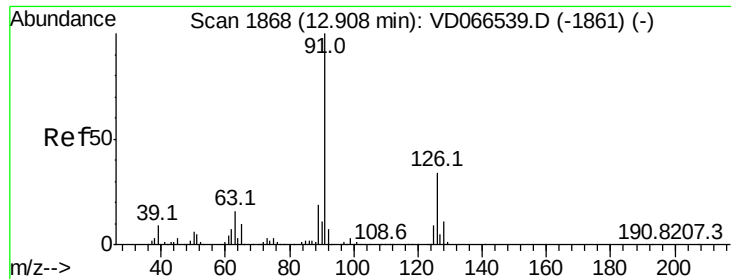
Tot Ion:156 Resp: 216328
Ion Ratio Lower Upper
156 100
77 194.8 98.0 294.1
158 96.5 48.1 144.3



#78
n-propylbenzene
Concen: 53.940 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 91 Resp: 1171134
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 54.330 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

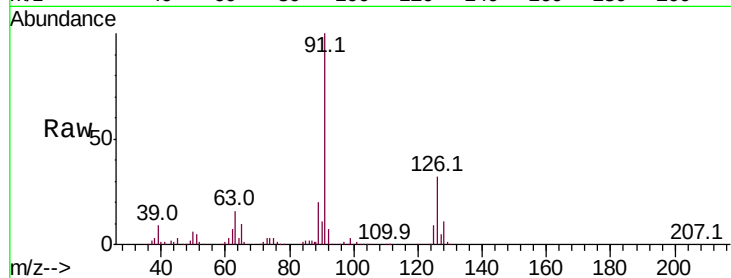
VSTDCCC050

Tot Ion: 91 Resp: 661751

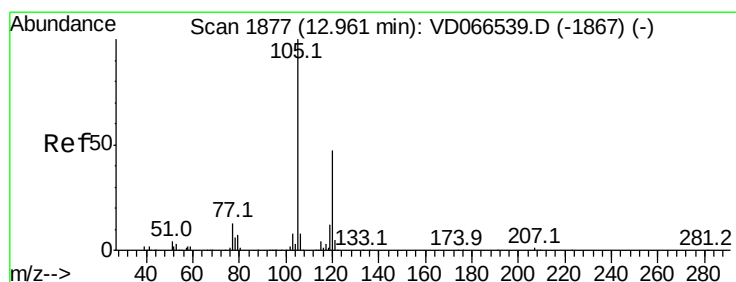
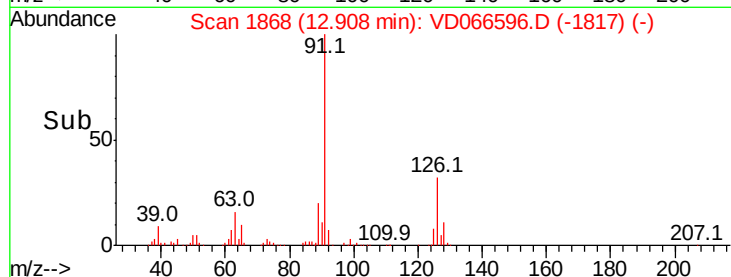
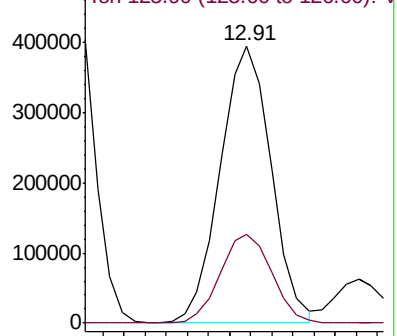
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 54.668 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066596.D

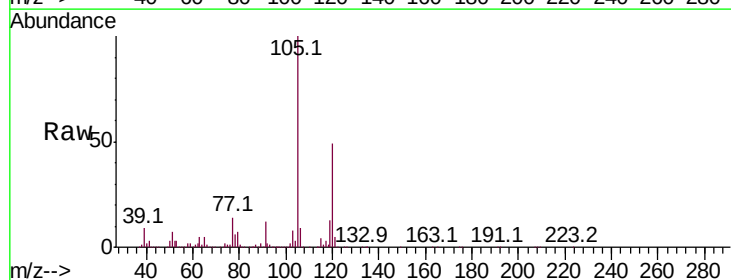
Acq: 09 Sep 2020 22:32

Tgt Ion:105 Resp: 824099

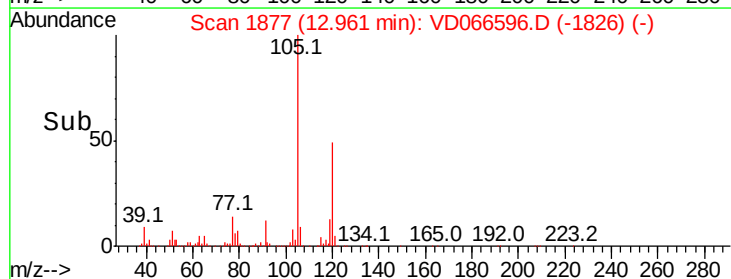
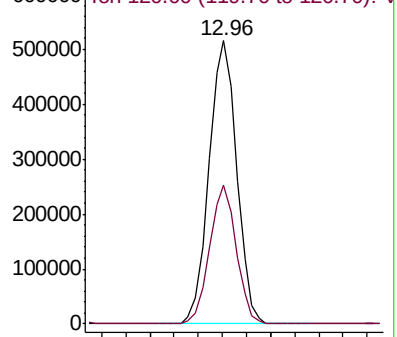
Ion Ratio Lower Upper

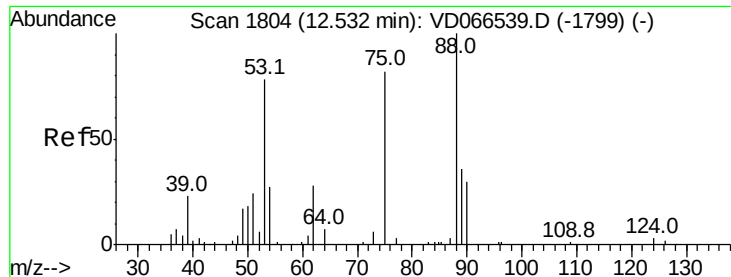
105 100

120 47.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.064 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

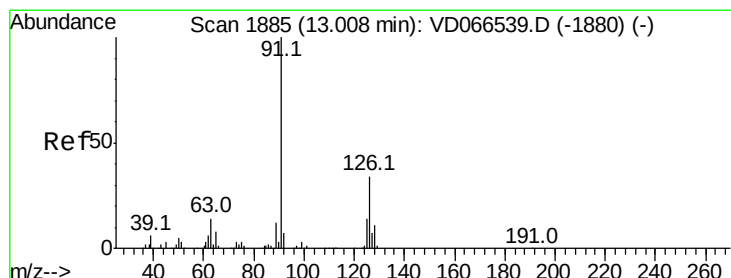
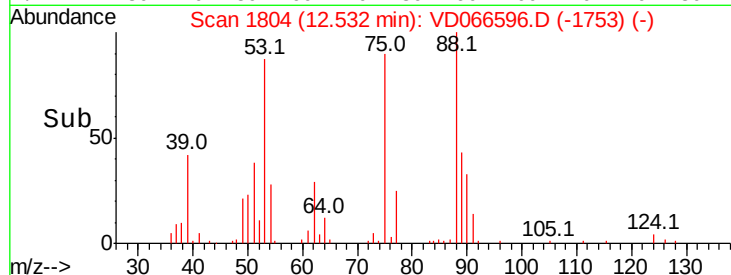
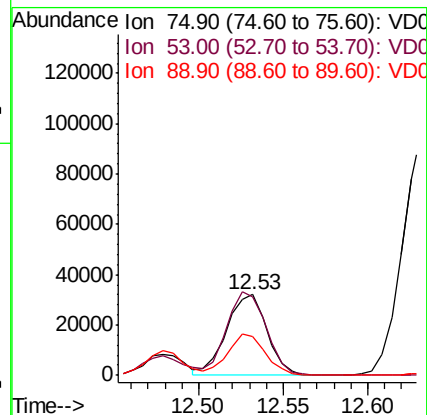
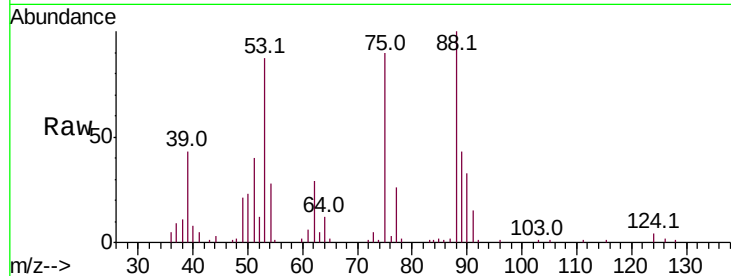
Tot Ion: 75 Resp: 53874

Ion Ratio Lower Upper

75 100

53 101.2 87.0 130.4

89 47.4 37.1 55.7



#82

4-Chlorotoluene

Concen: 53.236 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066596.D

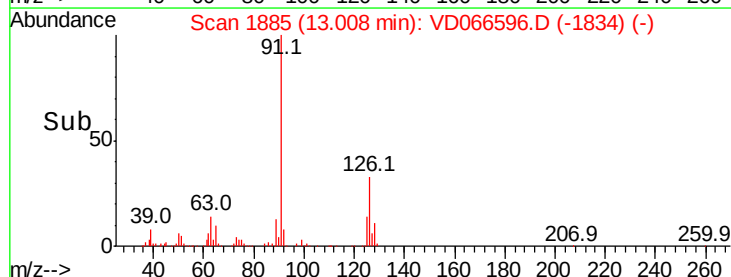
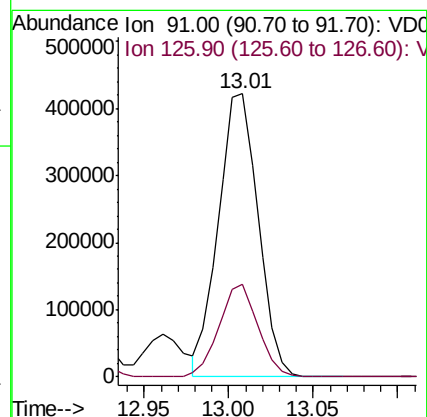
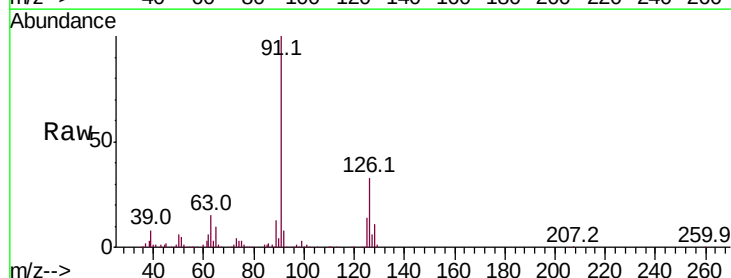
Acq: 09 Sep 2020 22:32

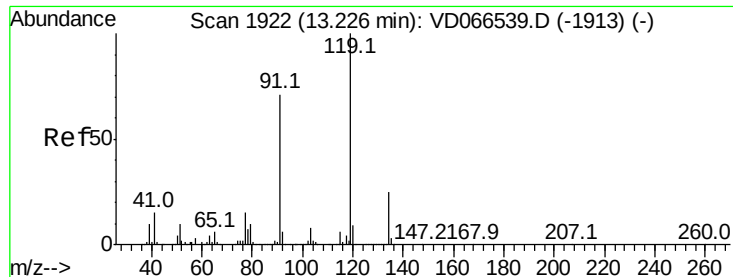
Tgt Ion: 91 Resp: 693402

Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.1

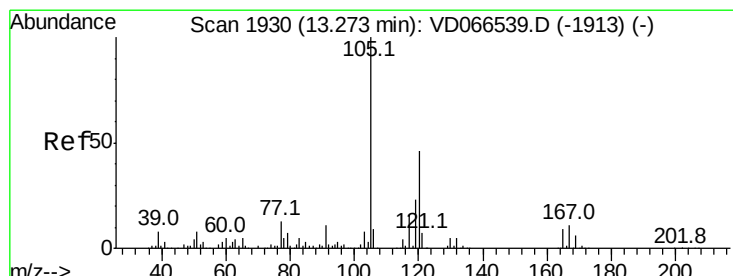
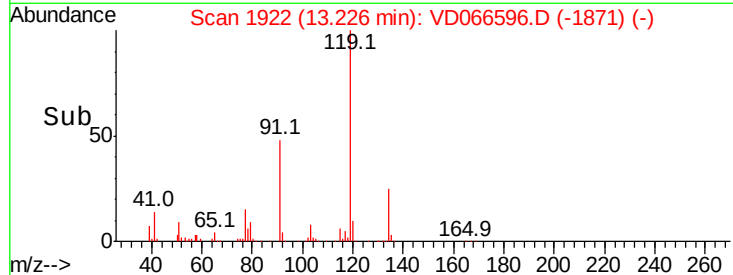
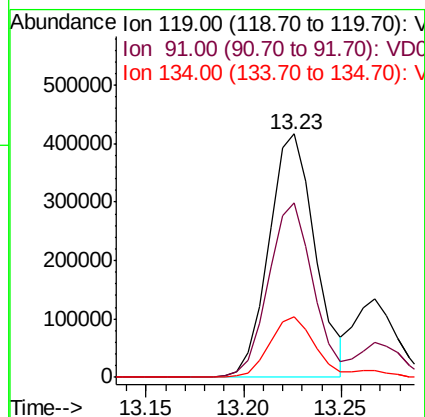
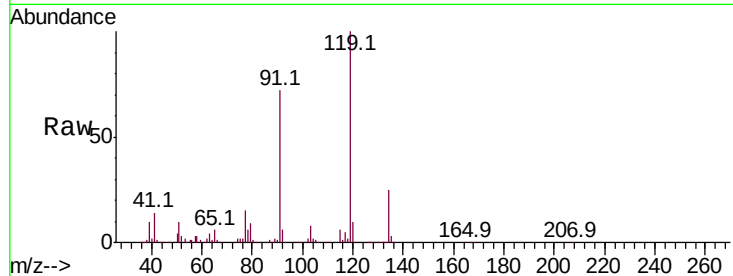




#83
 tert-Butylbenzene
 Concen: 55.606 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

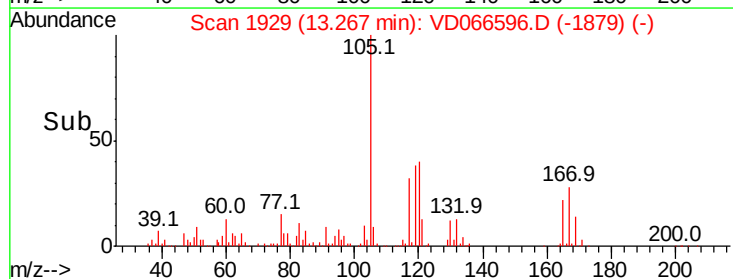
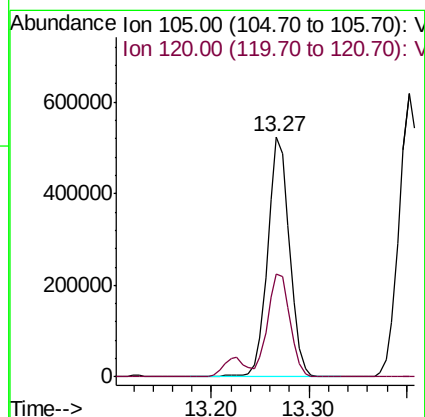
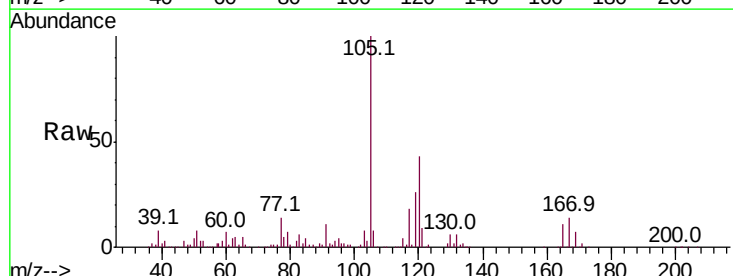
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

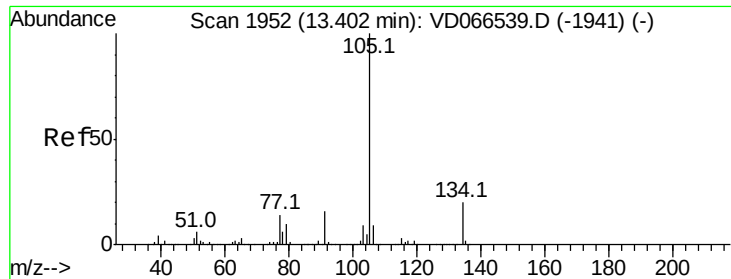
Tot Ion:119 Resp: 684509
 Ion Ratio Lower Upper
 119 100
 91 68.9 35.2 105.6
 134 24.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 54.645 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion:105 Resp: 820133
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 53.546 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

Instrument :

MSVOA_D

ClientSampleId :

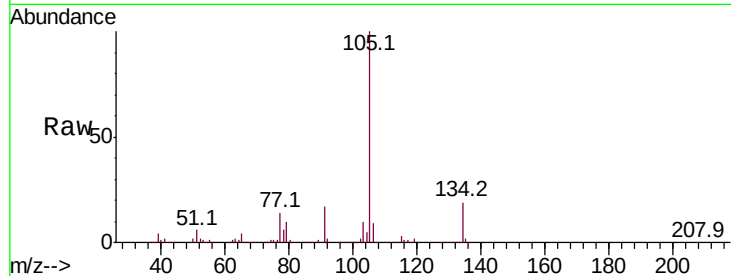
VSTDCCC050

Tot Ion:105 Resp: 949667

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.40

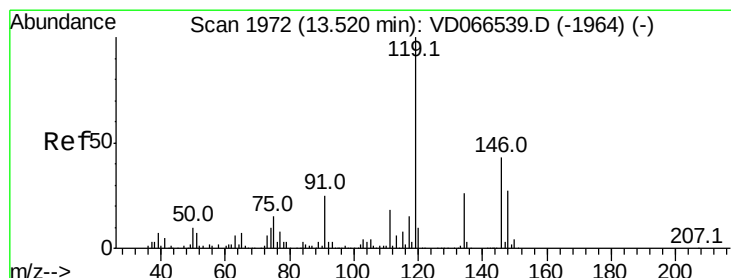
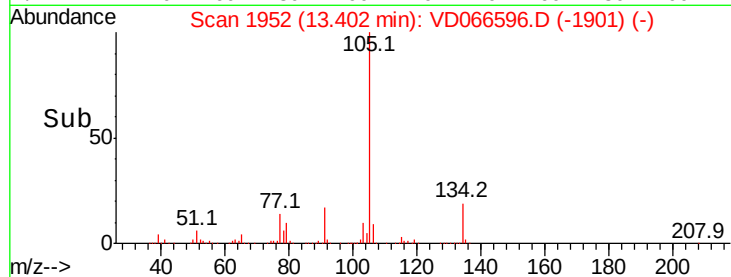
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.958 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066596.D

Acq: 09 Sep 2020 22:32

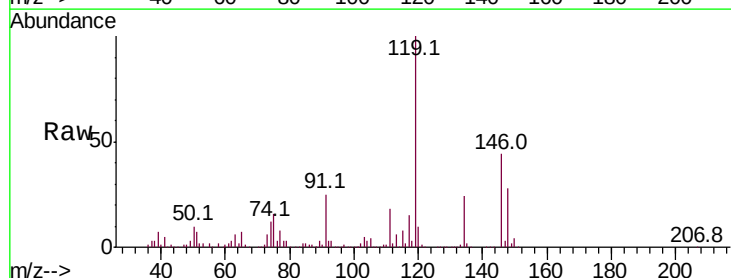
Tgt Ion:119 Resp: 877298

Ion Ratio Lower Upper

119 100

134 24.9 12.7 38.0

91 25.2 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

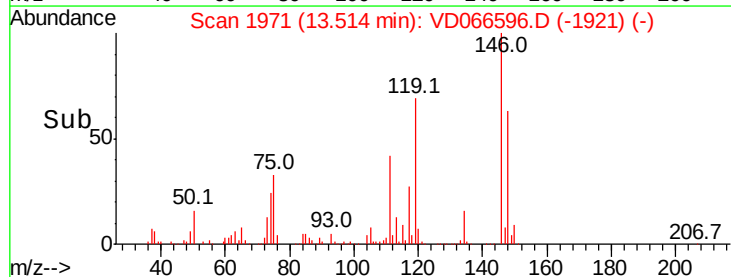
600000

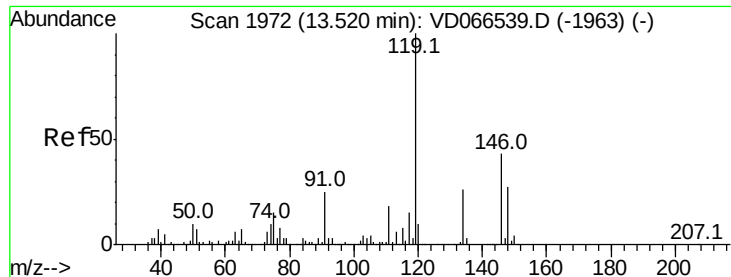
400000

200000

0

Time-->

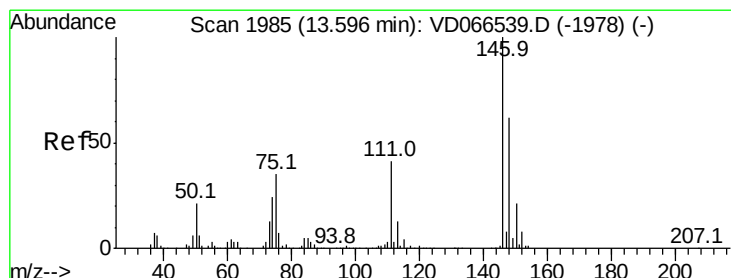
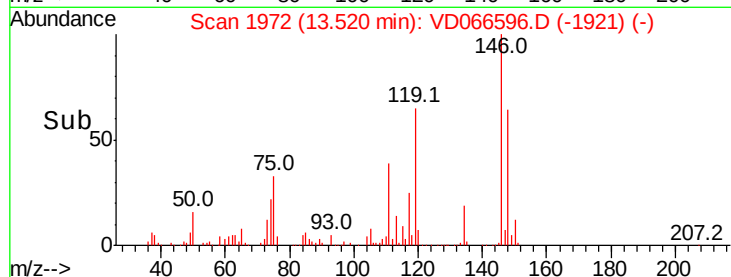
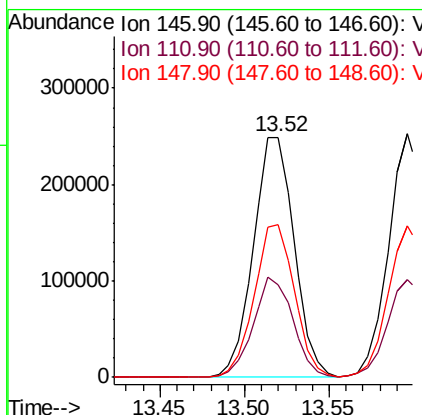
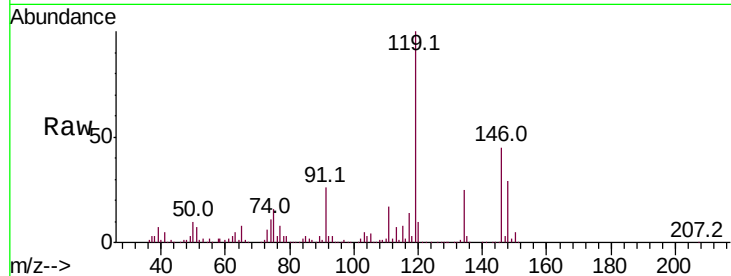




#87
 1,3-Dichlorobenzene
 Concen: 52.930 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

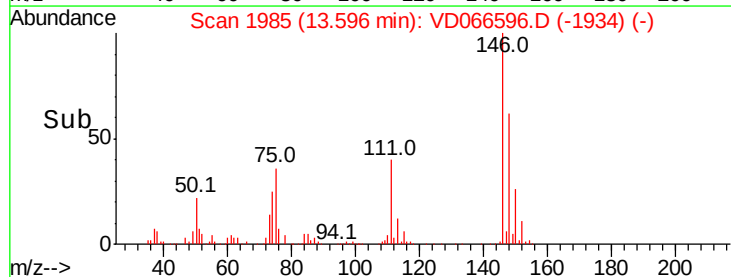
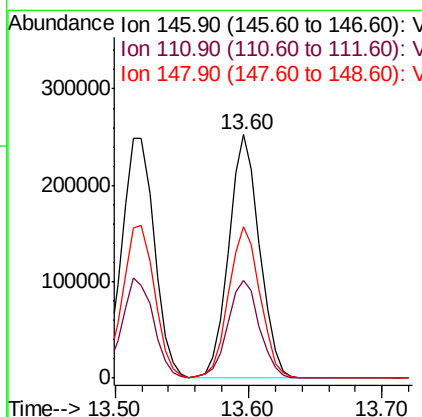
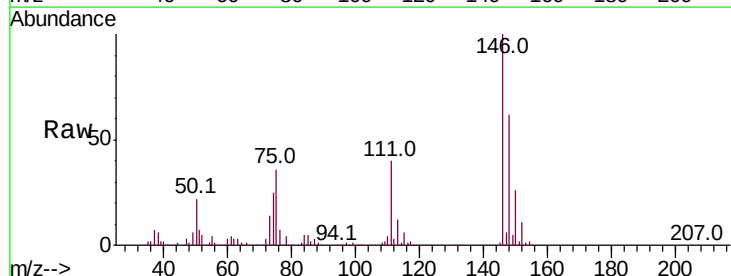
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

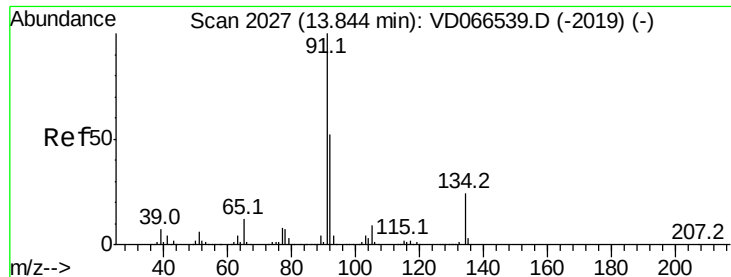
Tot Ion:146 Resp: 419578
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.9
 148 62.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.976 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion:146 Resp: 405587
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.1 60.2
 148 63.6 31.6 94.8

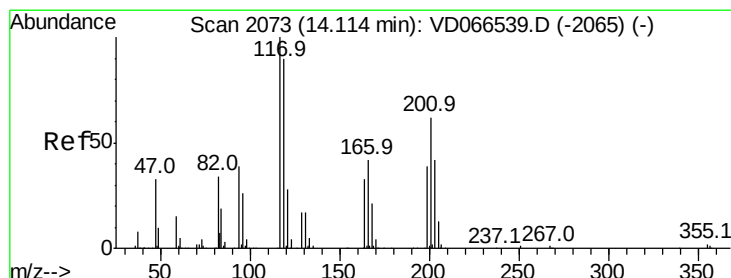
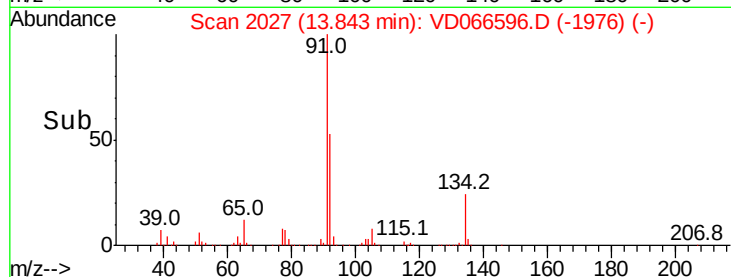
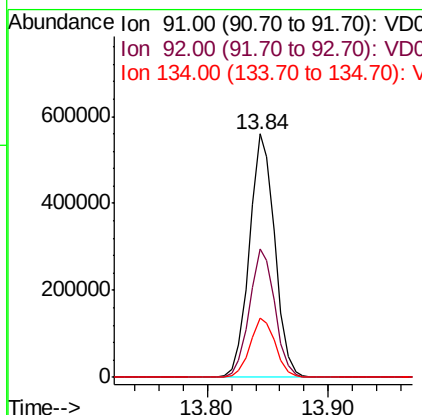
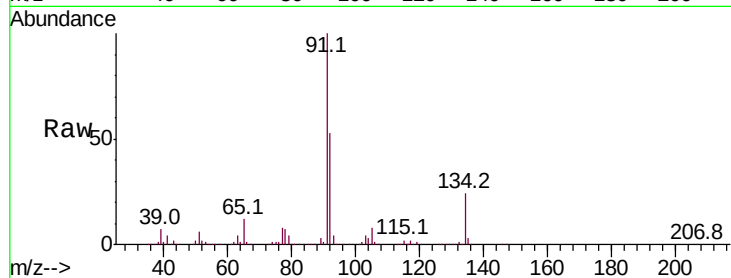




#89
n-Butylbenzene
Concen: 52.543 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

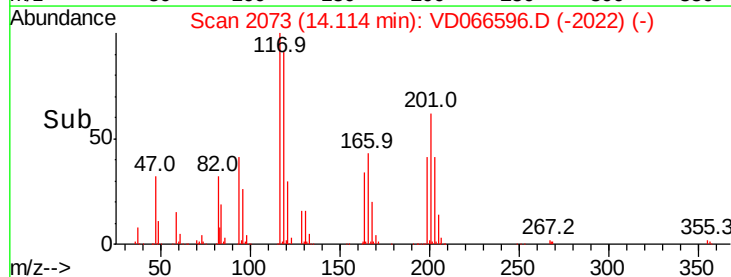
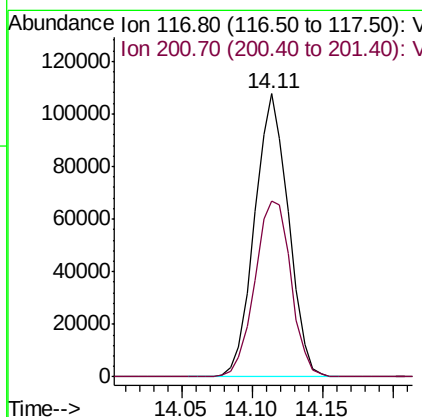
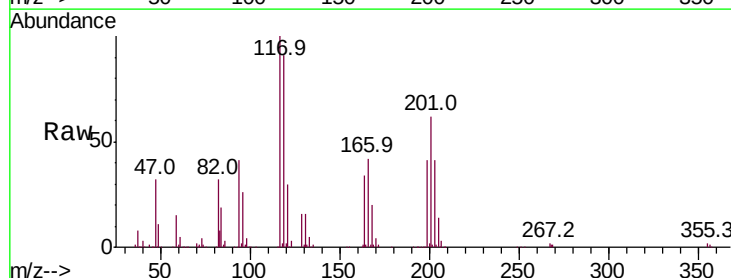
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

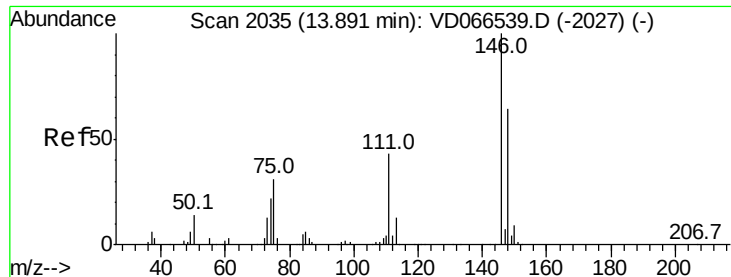
Tot Ion: 91 Resp: 817350
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.5 12.1 36.3



#90
Hexachloroethane
Concen: 52.794 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion: 117 Resp: 181588
Ion Ratio Lower Upper
117 100
201 66.2 31.9 95.5

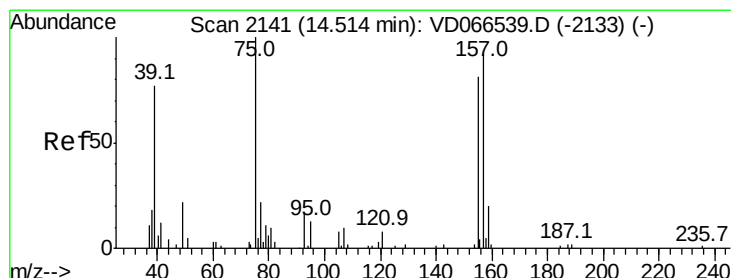
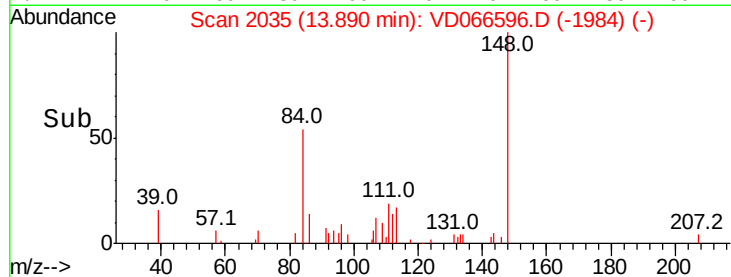
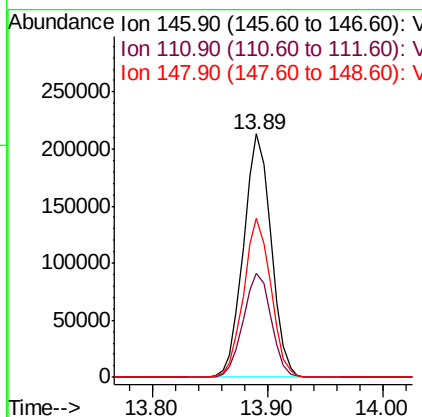
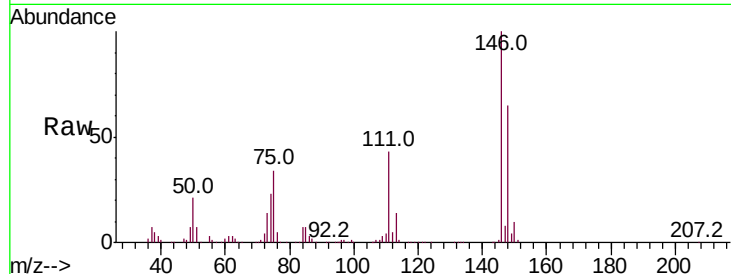




#91
 1,2-Dichlorobenzene
 Concen: 51.246 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

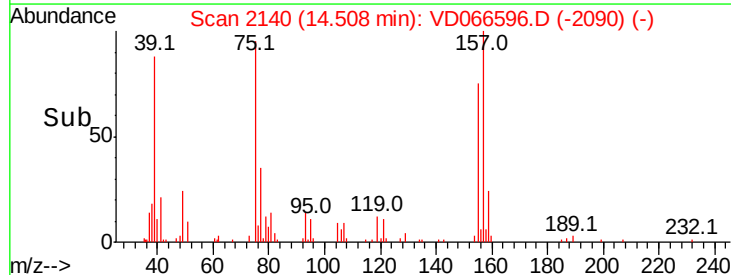
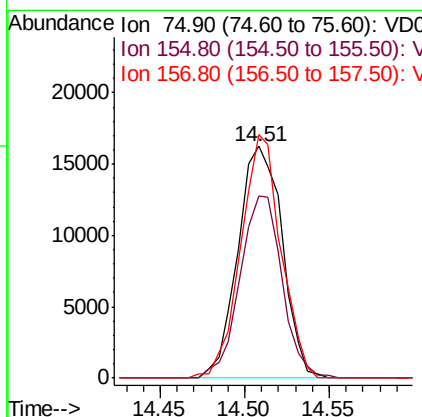
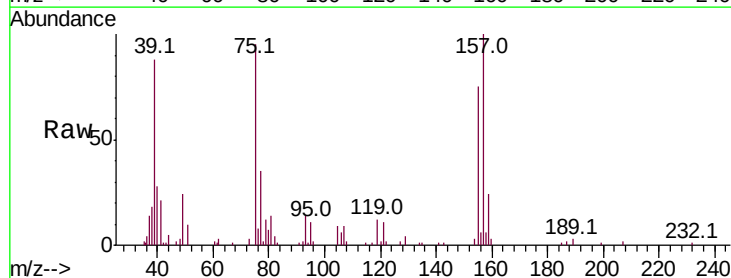
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

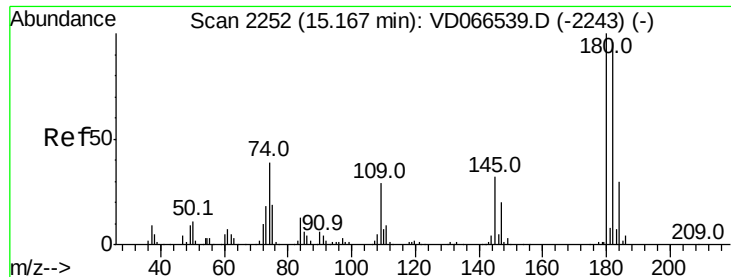
Tot Ion:146 Resp: 355072
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.4
 148 64.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.101 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion: 75 Resp: 29617
 Ion Ratio Lower Upper
 75 100
 155 74.9 39.3 117.8
 157 95.5 46.0 137.8

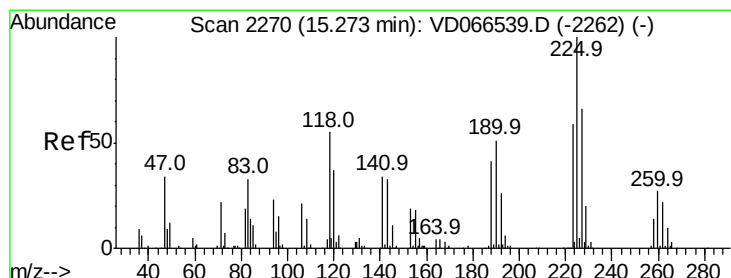
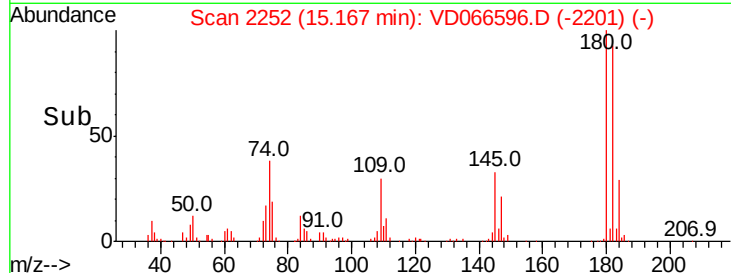
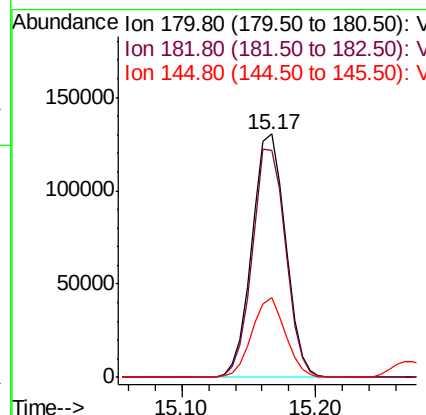
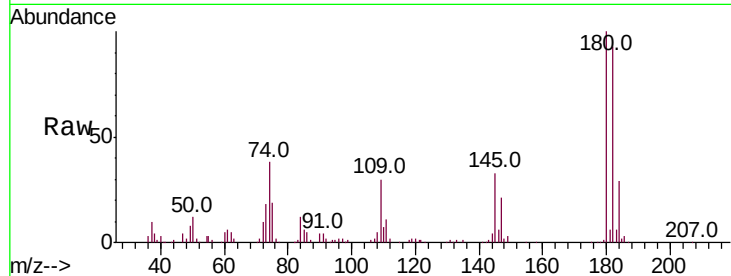




#93
 1,2,4-Trichlorobenzene
 Concen: 54.606 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

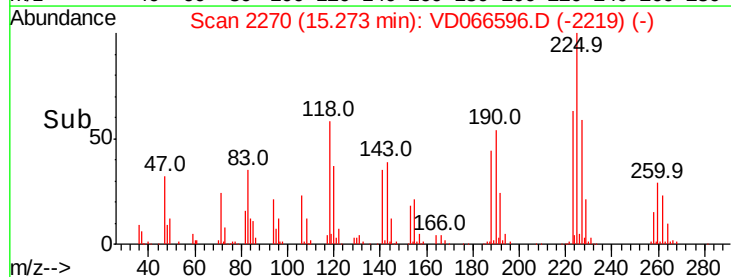
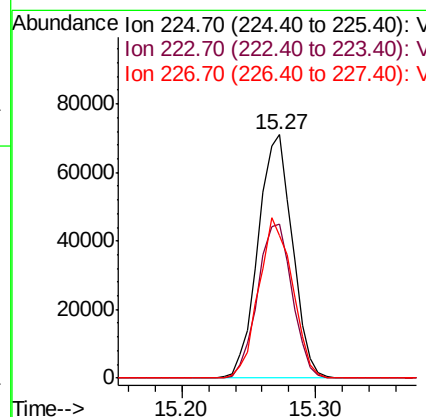
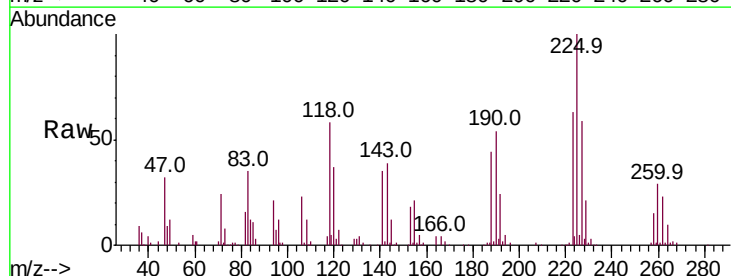
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

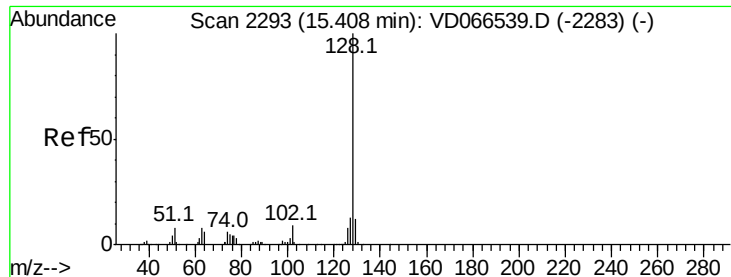
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.4	145.0
145	32.3	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 50.635 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066596.D
 Acq: 09 Sep 2020 22:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.5	91.5
227	64.6	32.4	97.2

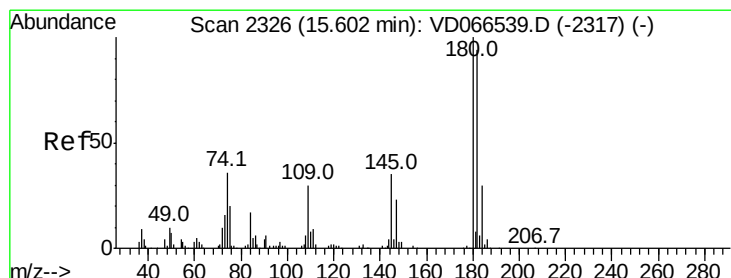
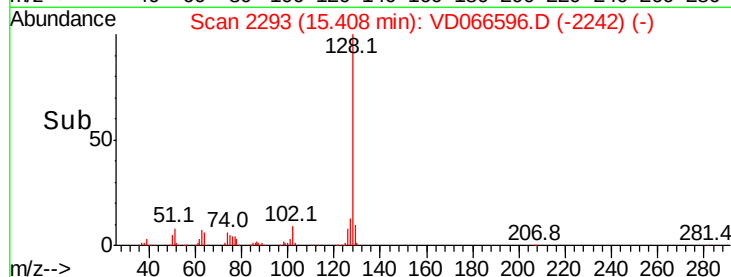
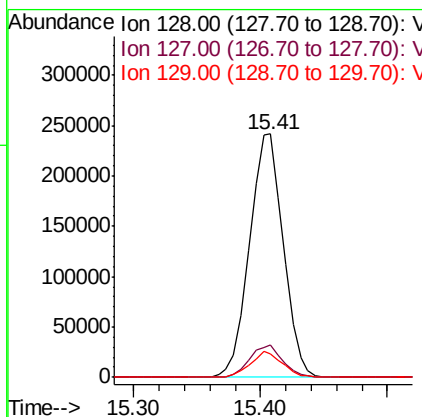
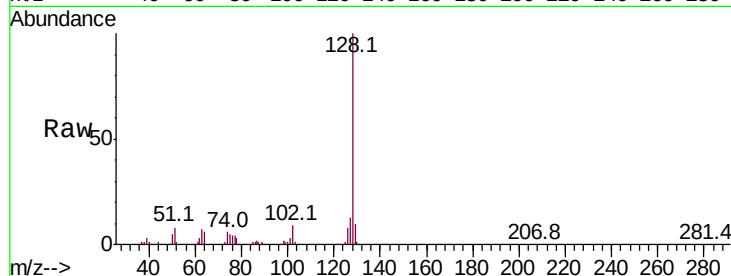




#95
Naphthalene
Concen: 61.670 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 448118
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.2 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 56.707 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066596.D
Acq: 09 Sep 2020 22:32

Tgt Ion:180 Resp: 201040
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 35.2 17.3 51.7

