

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066711.D
 Acq On : 15 Sep 2020 22:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 01:47:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	679267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	293137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	225030	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.91	113	213485	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.34	98	759186	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.63	95	255605	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	141138	47.069	ug/l	99
3) Chloromethane	2.21	50	208925	47.694	ug/l	99
4) Vinyl Chloride	2.35	62	223805	48.817	ug/l	99
5) Bromomethane	2.77	94	165655	50.936	ug/l	100
6) Chloroethane	2.93	64	150163	52.578	ug/l	90
7) Trichlorofluoromethane	3.27	101	372839	47.084	ug/l	99
8) Diethyl Ether	3.71	74	101947	51.414	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	202401	46.510	ug/l	97
10) Methyl Iodide	4.30	142	212552	51.478	ug/l	98
11) Tert butyl alcohol	5.21	59	65425	228.797	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	192934	47.899	ug/l	99
13) Acrolein	3.92	56	67341	222.312	ug/l	98
14) Allyl chloride	4.71	41	335298	51.834	ug/l	99
15) Acrylonitrile	5.42	53	229509	264.219	ug/l	98
16) Acetone	4.16	43	187537	214.423	ug/l	97
17) Carbon Disulfide	4.41	76	628558	49.661	ug/l	97
18) Methyl Acetate	4.71	43	103927	56.112	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	494224	55.087	ug/l	98
20) Methylene Chloride	4.97	84	248825	53.430	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	240516	51.252	ug/l	99
22) Diisopropyl ether	6.37	45	730903	55.608	ug/l	98
23) Vinyl Acetate	6.30	43	2055770	281.180	ug/l	100
24) 1,1-Dichloroethane	6.26	63	430985	51.673	ug/l	99
25) 2-Butanone	7.21	43	288612	253.419	ug/l	99
26) 2,2-Dichloropropane	7.20	77	355244	46.059	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	272428	53.065	ug/l	99
28) Bromochloromethane	7.54	49	151264	48.554	ug/l	97
29) Tetrahydrofuran	7.56	42	188218	270.117	ug/l	98
30) Chloroform	7.71	83	465285	52.415	ug/l	100
31) Cyclohexane	7.98	56	359946	47.445	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	423115	52.089	ug/l	99
36) 1,1-Dichloropropene	8.11	75	338005	48.398	ug/l	99
37) Ethyl Acetate	7.29	43	138989	52.570	ug/l	99
38) Carbon Tetrachloride	8.09	117	365040	49.220	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	383394	47.995	ug/l	99
40) Benzene	8.35	78	968445	51.256	ug/l	100
41) Methacrylonitrile	7.56	41	192603	137.602	ug/l #	40
42) 1,2-Dichloroethane	8.42	62	304049	51.942	ug/l	99
43) Isopropyl Acetate	8.44	43	266798	53.612	ug/l	98
44) Trichloroethene	9.11	130	255364	50.550	ug/l	98
45) 1,2-Dichloropropane	9.38	63	244009	52.240	ug/l	98
46) Dibromomethane	9.47	93	135802	52.909	ug/l	98
47) Bromodichloromethane	9.66	83	366888	52.457	ug/l	99
48) Methyl methacrylate	9.46	41	131737	52.044	ug/l	93
49) 1,4-Dioxane	9.46	88	27968	1017.221	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	680436	265.586	ug/l	100
52) Toluene	10.40	92	632567	52.262	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	327261	52.378	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	390553	52.627	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	174928	51.691	ug/l	96
56) Ethyl methacrylate	10.66	69	219959	57.276	ug/l	97
57) 1,3-Dichloropropane	10.94	76	307691	51.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	409390	242.725	ug/l	98
59) 2-Hexanone	10.98	43	462603	268.727	ug/l	99
60) Dibromochloromethane	11.14	129	233856	53.035	ug/l	98
61) 1,2-Dibromoethane	11.24	107	168213	51.818	ug/l	99
64) Tetrachloroethene	10.87	164	207358	48.186	ug/l	96
65) Chlorobenzene	11.67	112	634089	48.582	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	248078	51.515	ug/l	97
67) Ethyl Benzene	11.74	91	1204333	50.942	ug/l	97
68) m/p-Xylenes	11.85	106	899559	100.677	ug/l	100
69) o-Xylene	12.18	106	410947	52.045	ug/l	99
70) Styrene	12.19	104	716693	51.571	ug/l	98
71) Bromoform	12.36	173	123818	51.233	ug/l	96
73) Isopropylbenzene	12.48	105	1120891	51.221	ug/l	99
74) N-amyl acetate	12.29	43	238284	51.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	179300	48.218	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	245797	97.961	ug/l #	100
77) Bromobenzene	12.76	156	245914	48.756	ug/l	99
78) n-propylbenzene	12.82	91	1334708	50.034	ug/l	99
79) 2-Chlorotoluene	12.91	91	746392	49.482	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	933933	50.475	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	58100	49.973	ug/l	97
82) 4-Chlorotoluene	13.01	91	794883	49.838	ug/l	100
83) tert-Butylbenzene	13.23	119	778440	51.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	952011	51.484	ug/l	99
85) sec-Butylbenzene	13.40	105	1077050	49.263	ug/l	99
86) p-Isopropyltoluene	13.52	119	1003916	50.508	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	482857	49.900	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	472444	49.030	ug/l	98
89) n-Butylbenzene	13.84	91	928453	49.124	ug/l	99
90) Hexachloroethane	14.11	117	199679	48.903	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	407162	49.107	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30706	51.083	ug/l	97

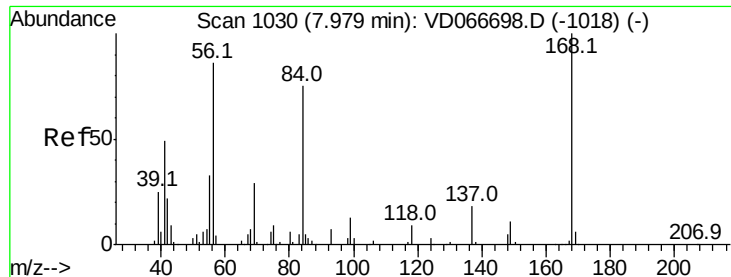
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091520\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	260206	51.887	ug/l	99
94) Hexachlorobutadiene	15.27	225	150146	49.694	ug/l	99
95) Naphthalene	15.40	128	470726	53.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	222264	50.742	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

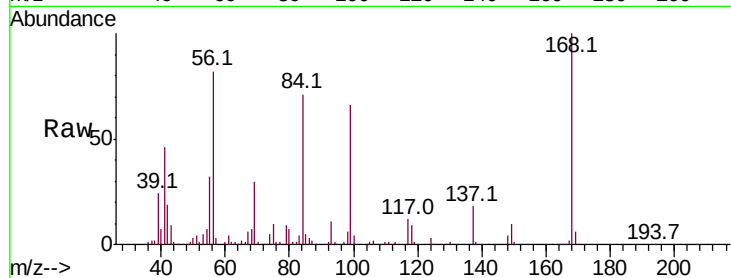
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 402546

Ion Ratio Lower Upper

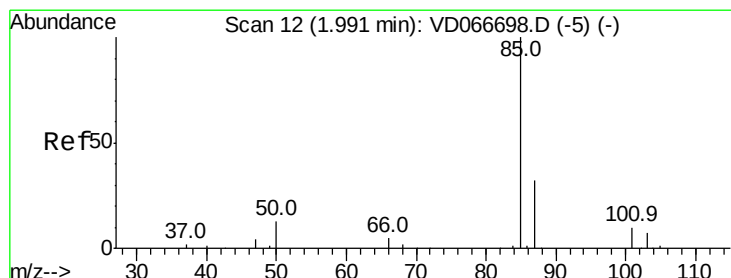
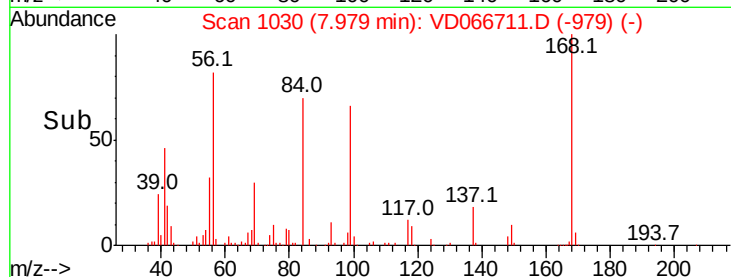
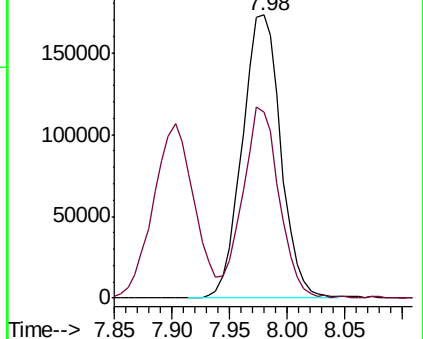
168 100

99 65.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.069 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066711.D

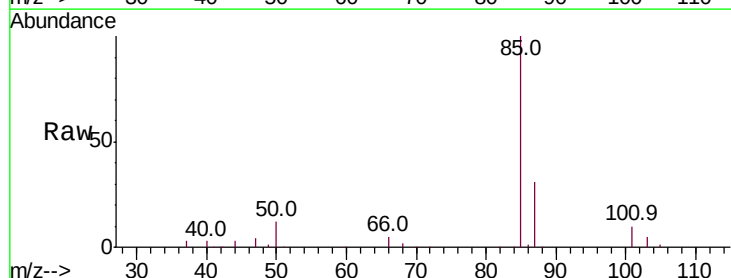
Acq: 15 Sep 2020 22:05

Tgt Ion: 85 Resp: 141138

Ion Ratio Lower Upper

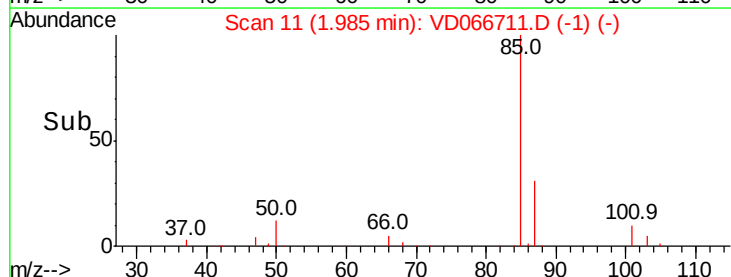
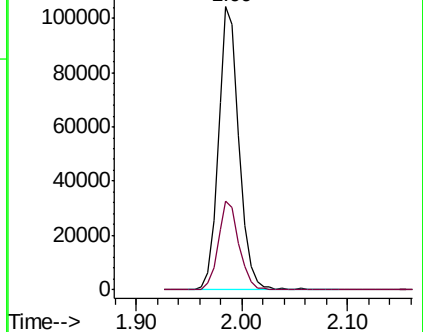
85 100

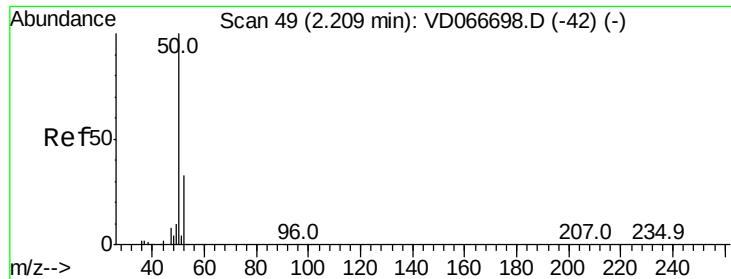
87 31.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 47.694 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

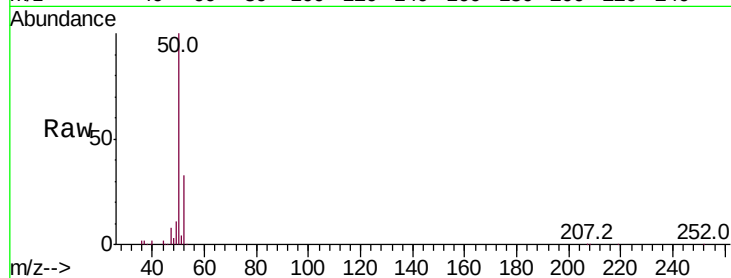
VSTDCCC050EC

Tot Ion: 50 Resp: 208925

Ion Ratio Lower Upper

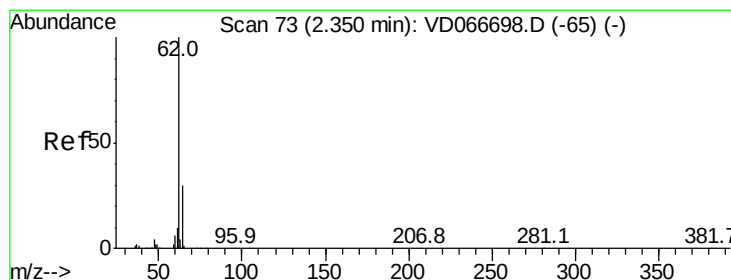
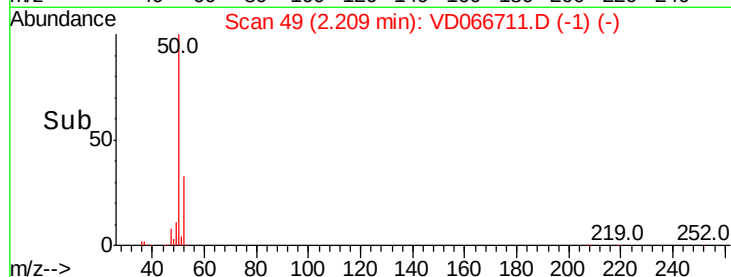
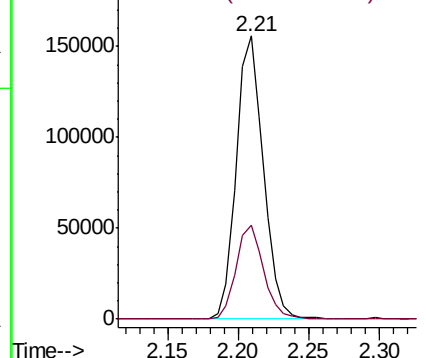
50 100

52 33.0 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.817 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066711.D

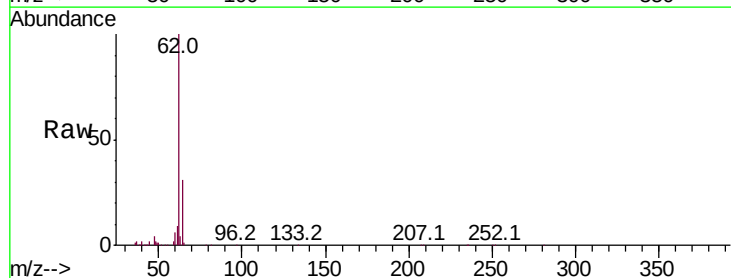
Acq: 15 Sep 2020 22:05

Tgt Ion: 62 Resp: 223805

Ion Ratio Lower Upper

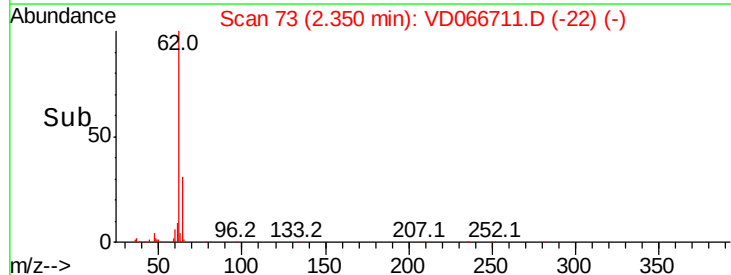
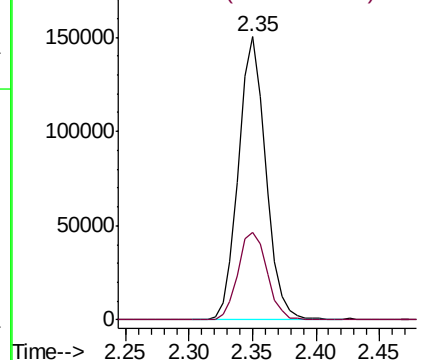
62 100

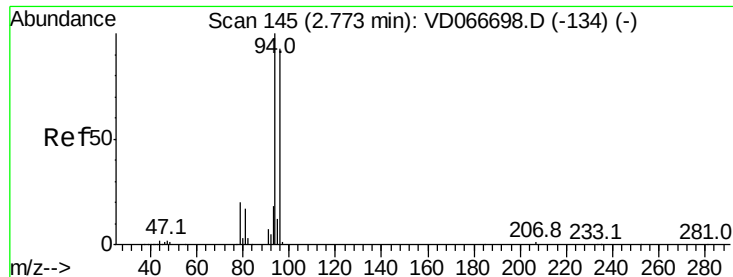
64 30.9 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 50.936 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

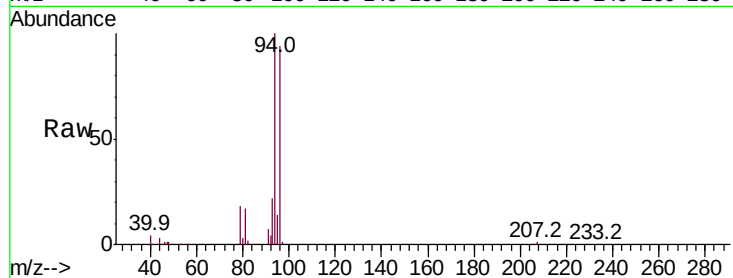
VSTDCCC050EC

Tot Ion: 94 Resp: 165655

Ion Ratio Lower Upper

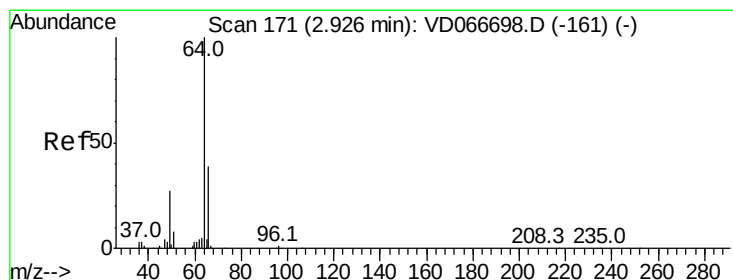
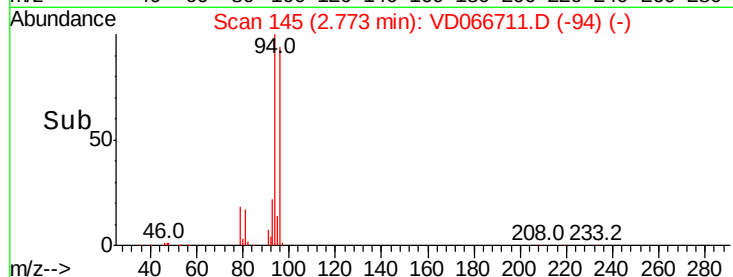
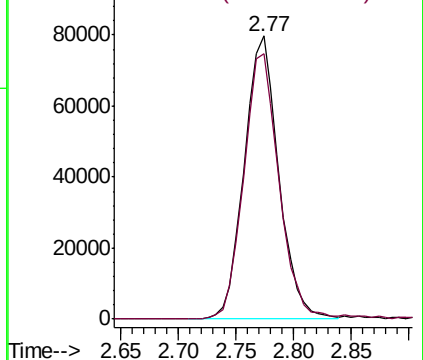
94 100

96 93.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.578 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD066711.D

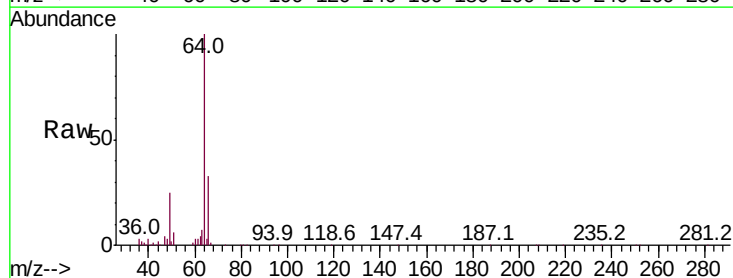
Acq: 15 Sep 2020 22:05

Tgt Ion: 64 Resp: 150163

Ion Ratio Lower Upper

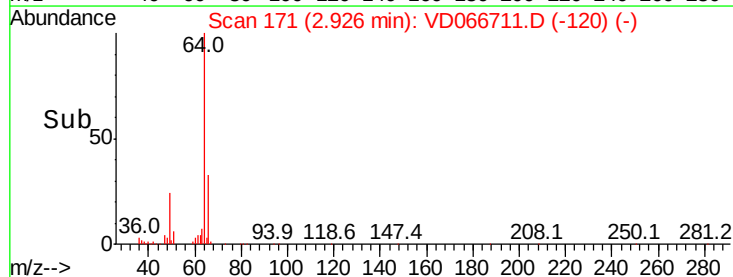
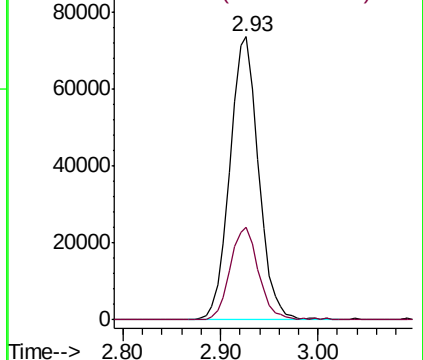
64 100

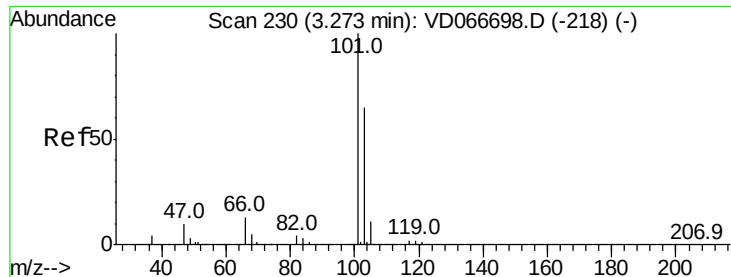
66 32.8 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



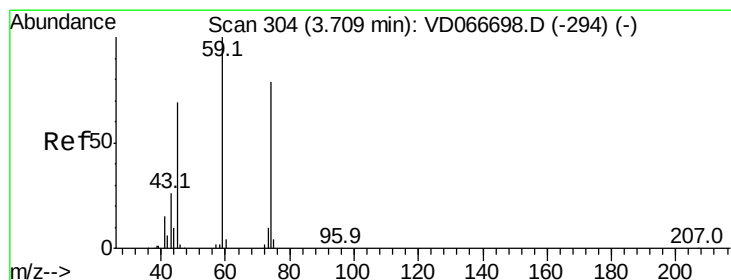
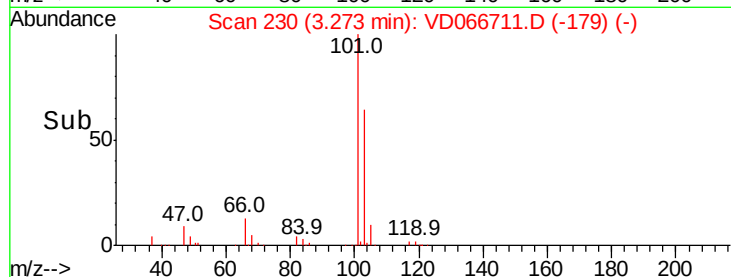
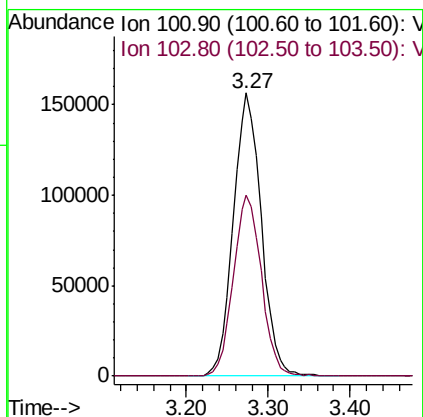
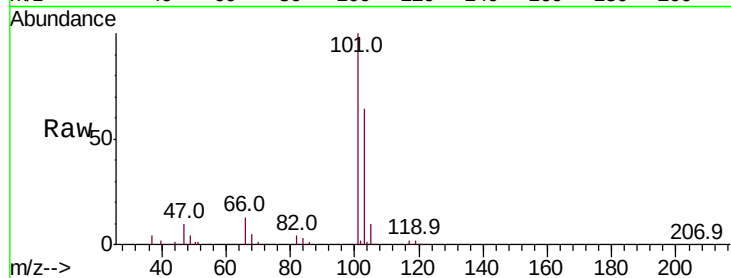


#7

Trichlorofluoromethane
 Concen: 47.084 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

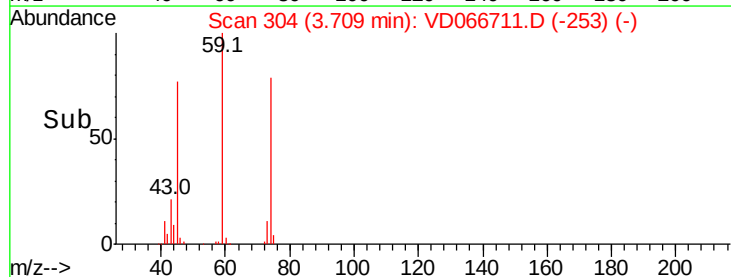
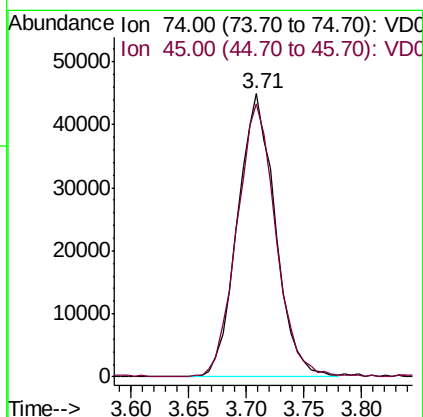
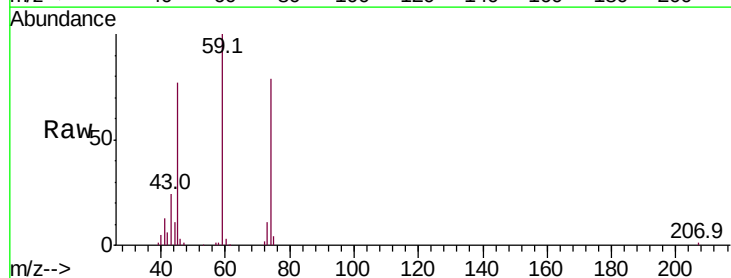
Tot Ion:101 Resp: 372839
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.8

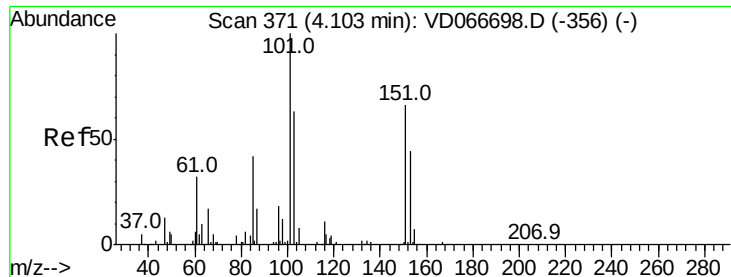


#8

Diethyl Ether
 Concen: 51.414 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion: 74 Resp: 101947
 Ion Ratio Lower Upper
 74 100
 45 99.7 48.0 144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.510 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

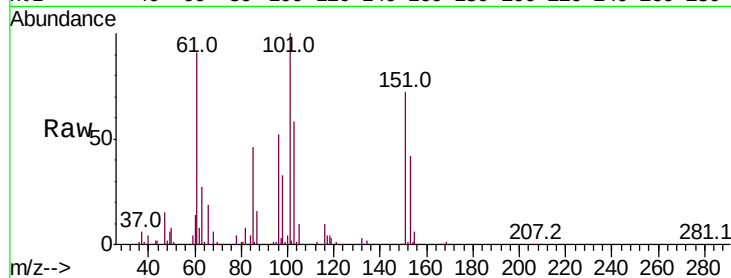
Tot Ion:101 Resp: 202401

Ion Ratio Lower Upper

101 100

85 47.2 36.3 54.5

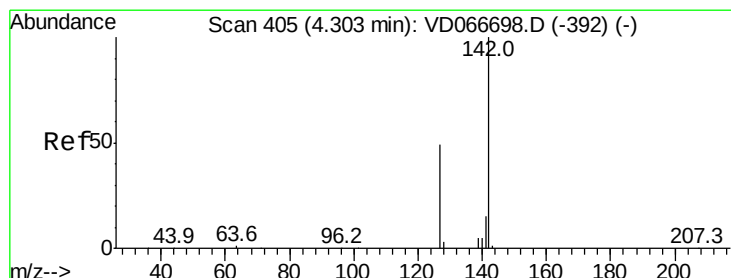
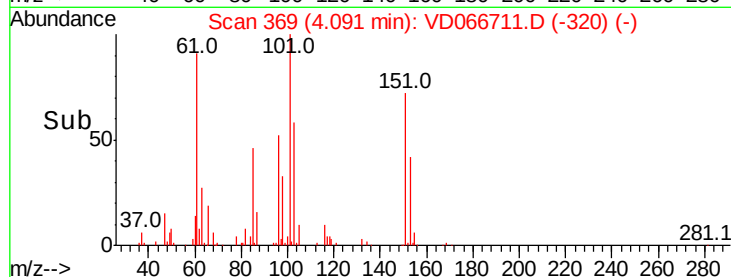
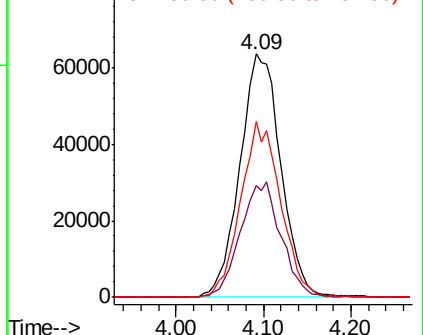
151 70.2 58.0 87.0



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: 51.478 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

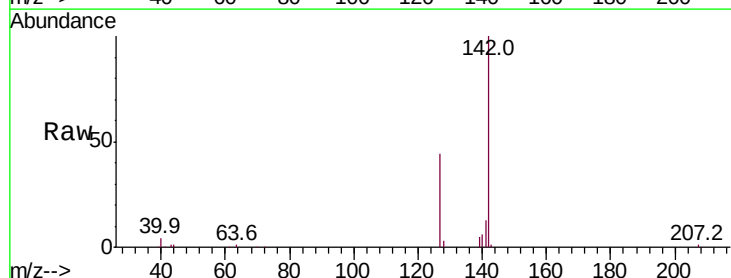
Tgt Ion:142 Resp: 212552

Ion Ratio Lower Upper

142 100

127 50.1 39.0 58.4

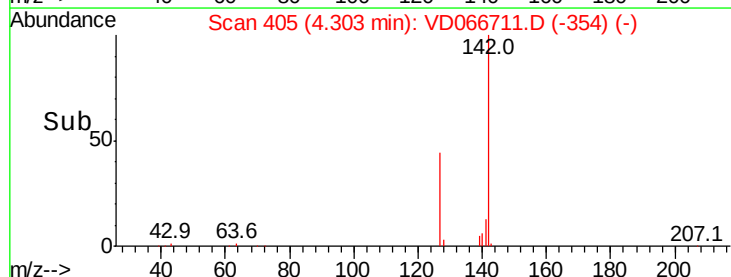
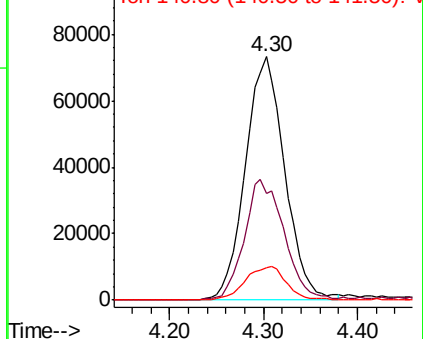
141 14.5 11.7 17.5

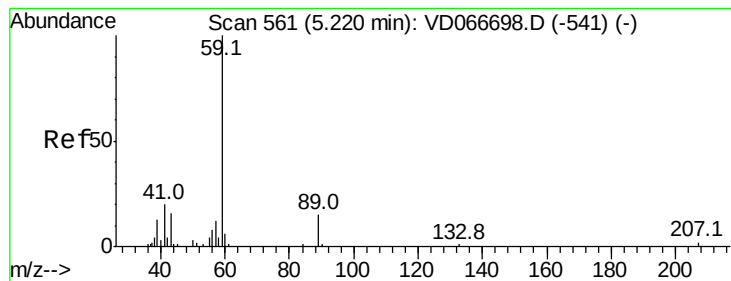


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



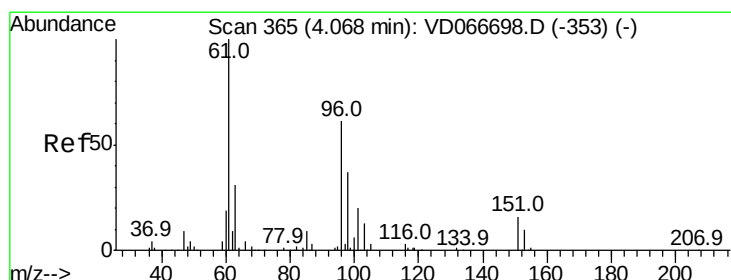
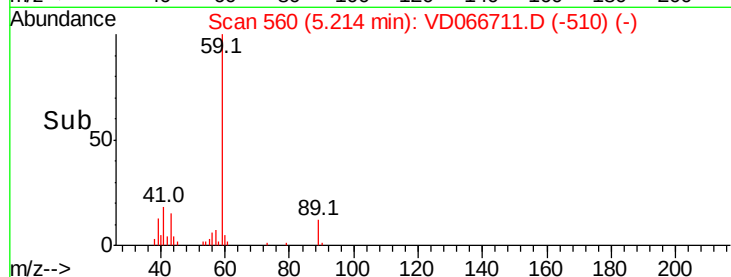
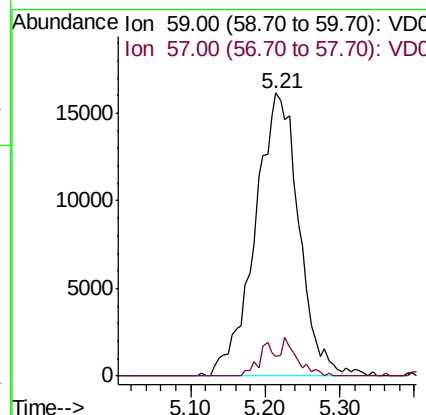
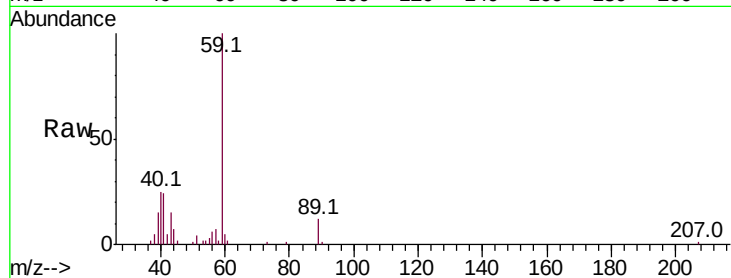


#11

Tert butyl alcohol
 Concen: 228.797 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

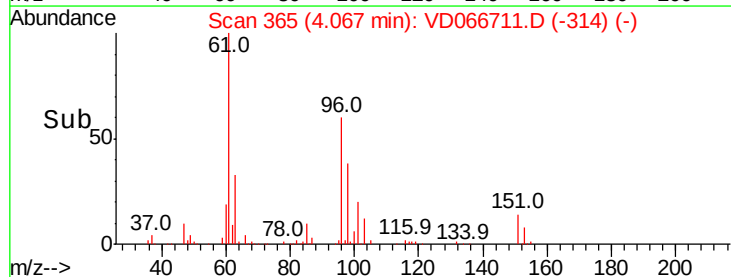
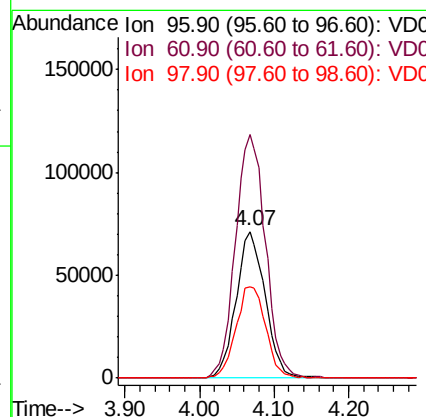
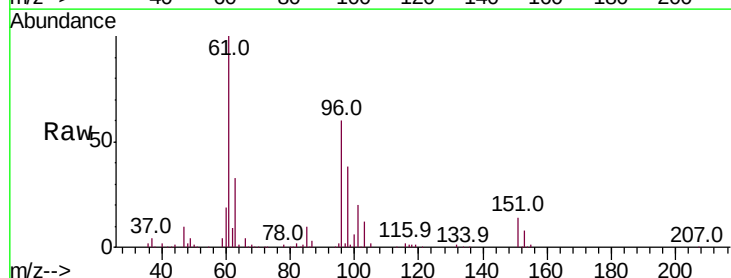
Tot Ion: 59 Resp: 65425
 Ion Ratio Lower Upper
 59 100
 57 5.1 6.7 10.1#

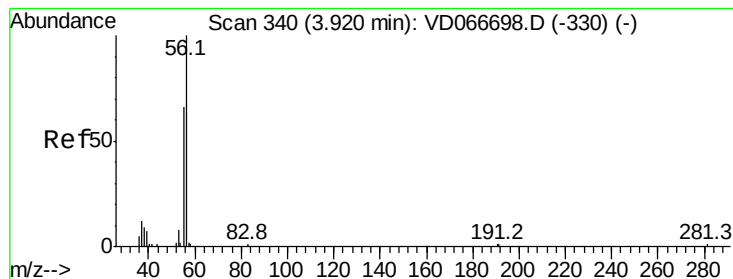


#12

1,1-Dichloroethene
 Concen: 47.899 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion: 96 Resp: 192934
 Ion Ratio Lower Upper
 96 100
 61 166.2 131.9 197.9
 98 62.3 49.1 73.7





#13

Acrolein

Concen: 222.312 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

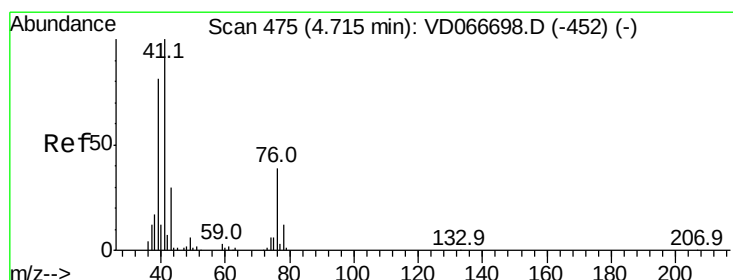
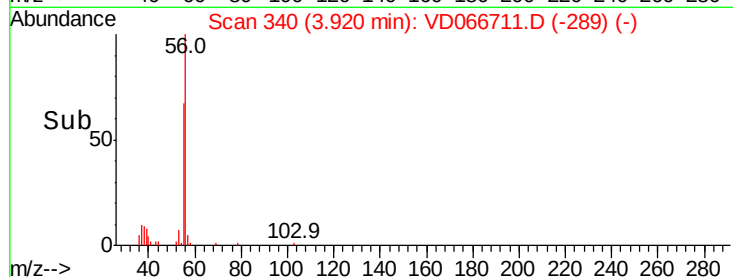
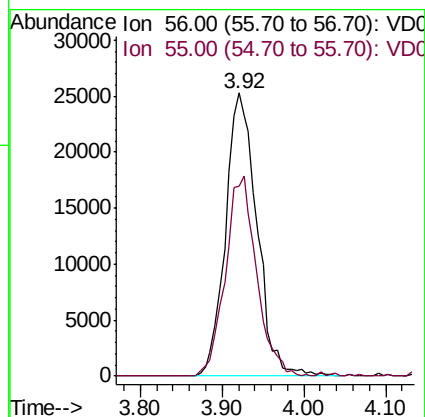
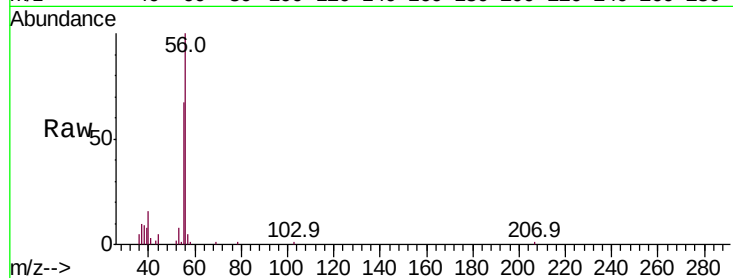
VSTDCCC050EC

Tot Ion: 56 Resp: 67341

Ion Ratio Lower Upper

56 100

55 70.1 54.7 82.1



#14

Allyl chloride

Concen: 51.834 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

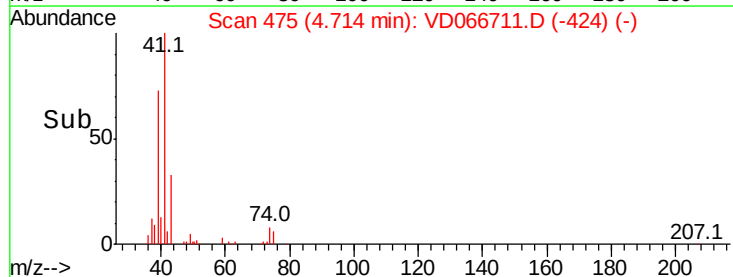
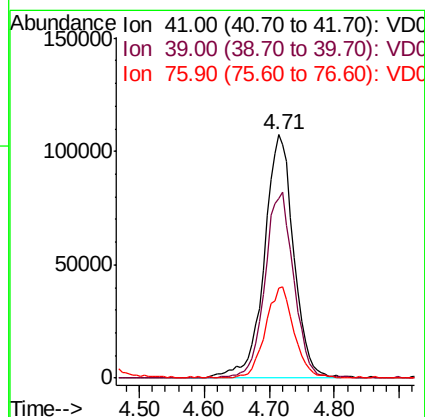
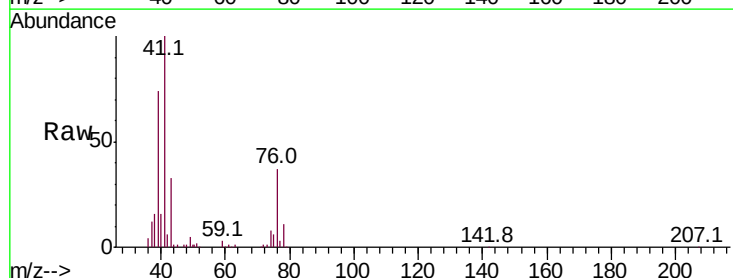
Tgt Ion: 41 Resp: 335298

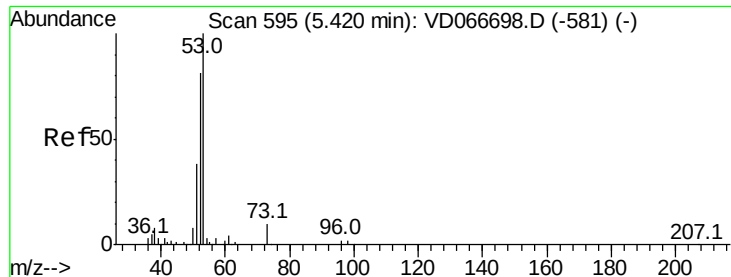
Ion Ratio Lower Upper

41 100

39 74.9 60.6 90.8

76 36.6 29.2 43.8





#15

Acrylonitrile

Concen: 264.219 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

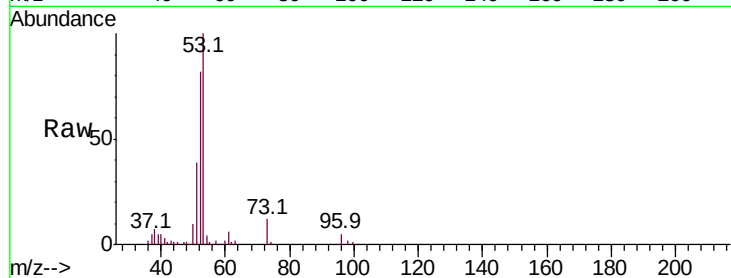
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 229509

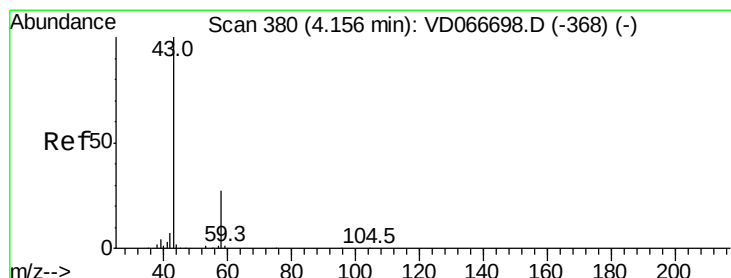
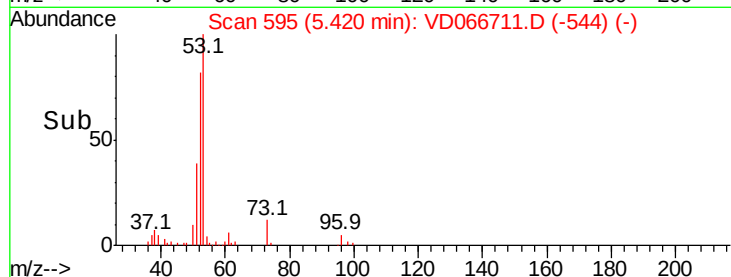
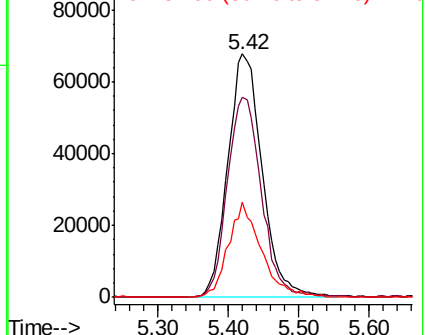
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.6	99.8
51	37.4	31.0	46.6



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 214.423 ug/l

RT: 4.16 min Scan# 380

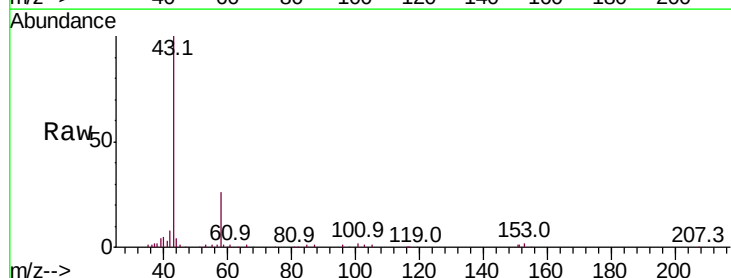
Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

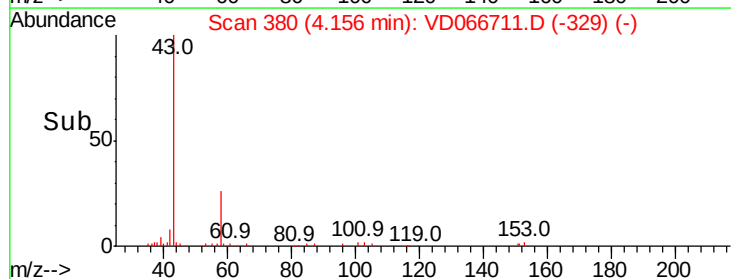
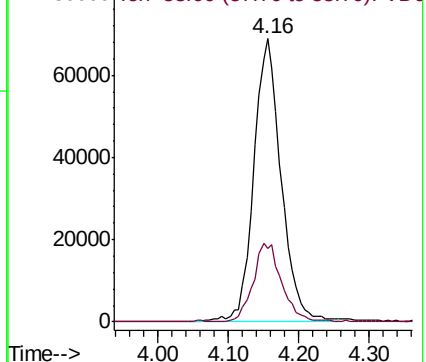
Tgt Ion: 43 Resp: 187537

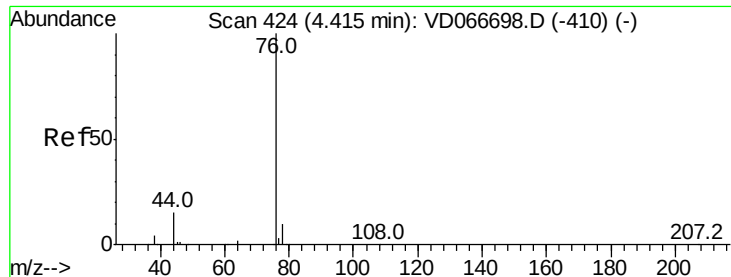
Ion	Ratio	Lower	Upper
43	100		
58	25.8	21.9	32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 49.661 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

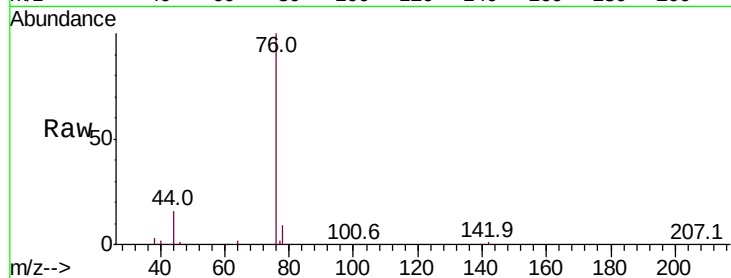
VSTDCCC050EC

Tot Ion: 76 Resp: 628558

Ion Ratio Lower Upper

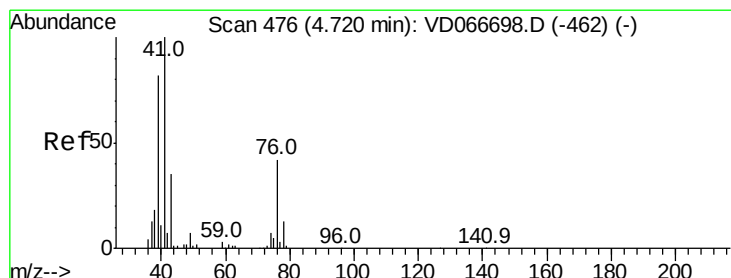
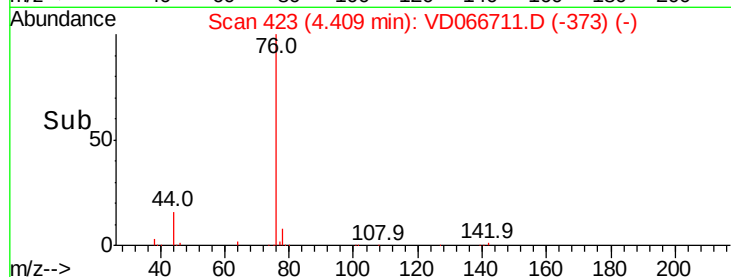
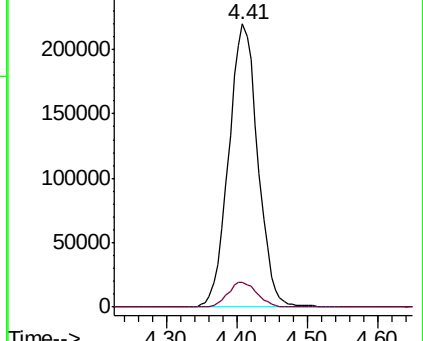
76 100

78 8.8 8.0 12.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 56.112 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066711.D

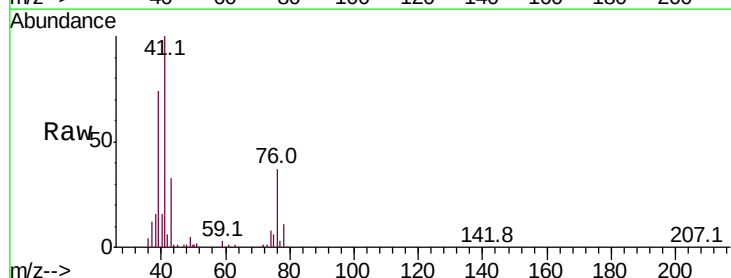
Acq: 15 Sep 2020 22:05

Tgt Ion: 43 Resp: 103927

Ion Ratio Lower Upper

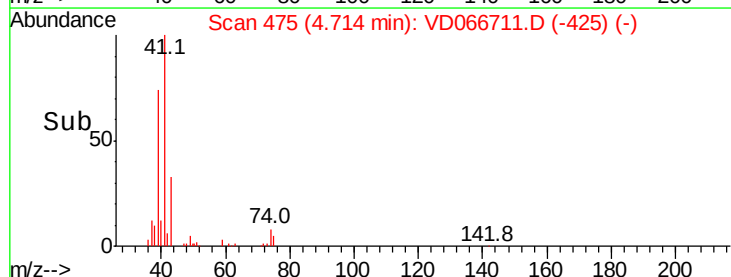
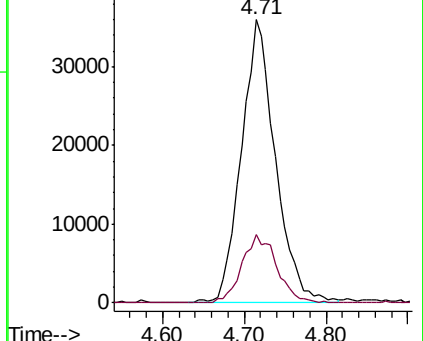
43 100

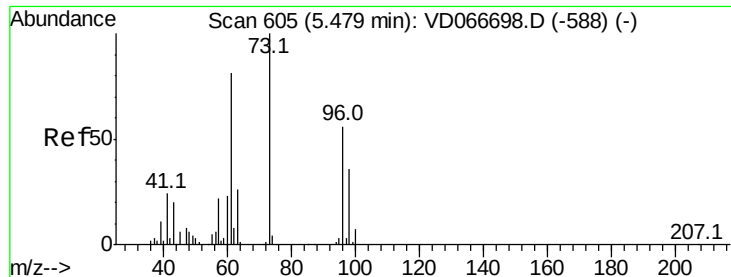
74 24.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

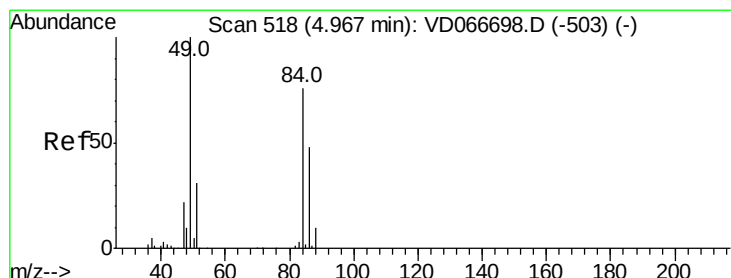
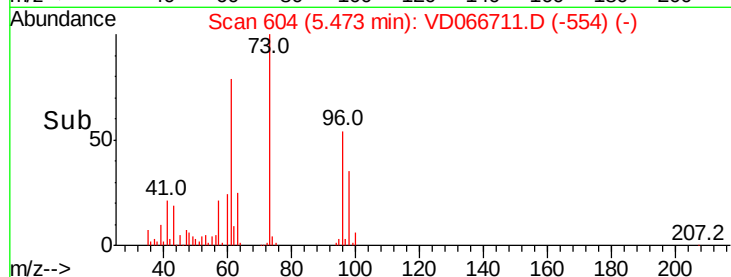
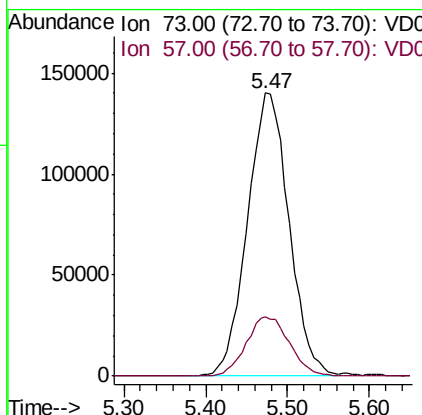
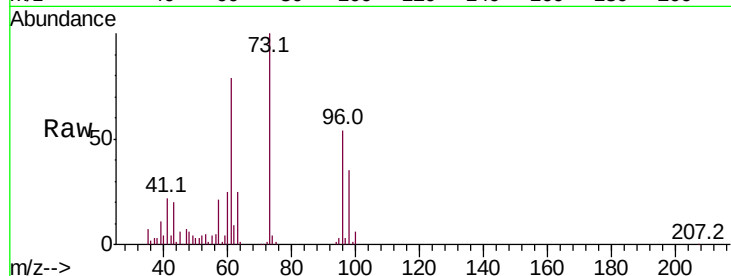




#19
Methyl tert-butyl Ether
Concen: 55.087 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

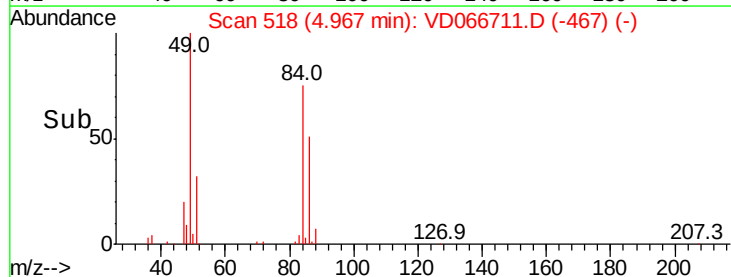
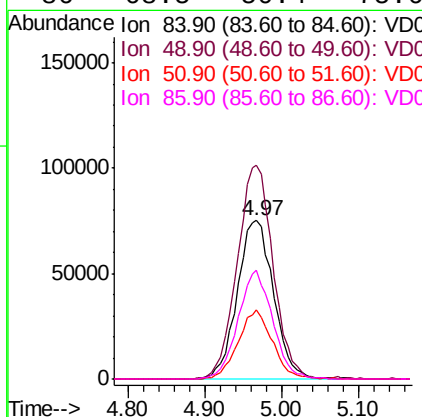
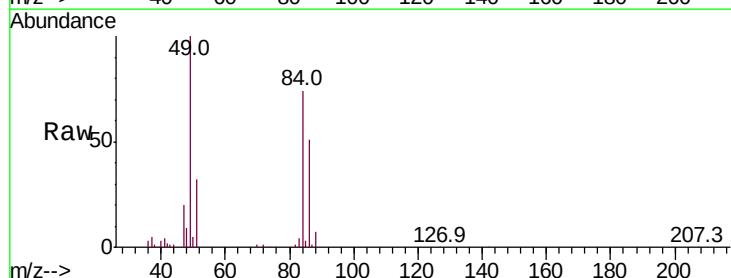
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

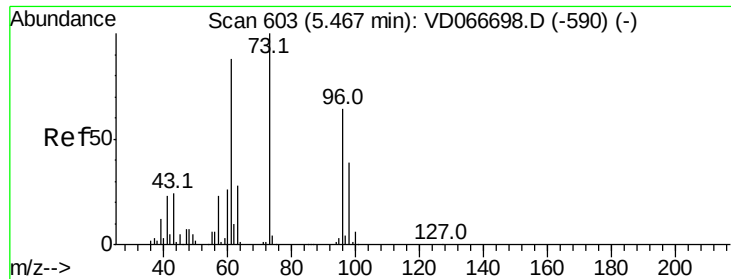
Tot Ion: 73 Resp: 494224
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.6



#20
Methylene Chloride
Concen: 53.430 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 84 Resp: 248825
Ion Ratio Lower Upper
84 100
49 134.7 105.0 157.6
51 43.4 32.2 48.4
86 68.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.252 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

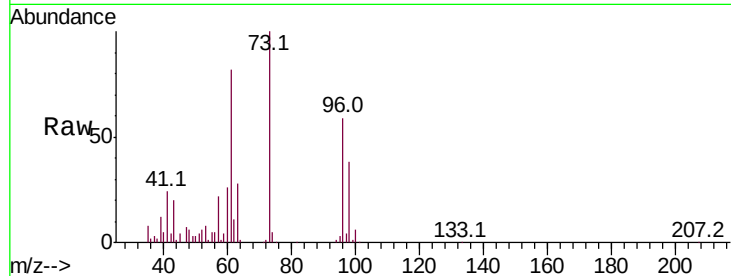
Tot Ion: 96 Resp: 240516

Ion Ratio Lower Upper

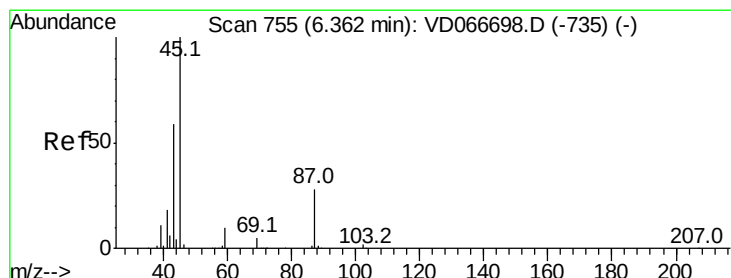
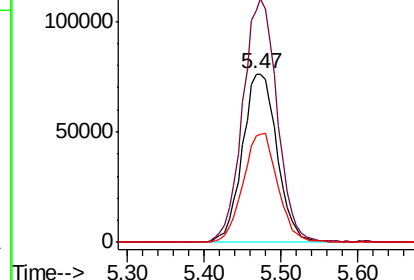
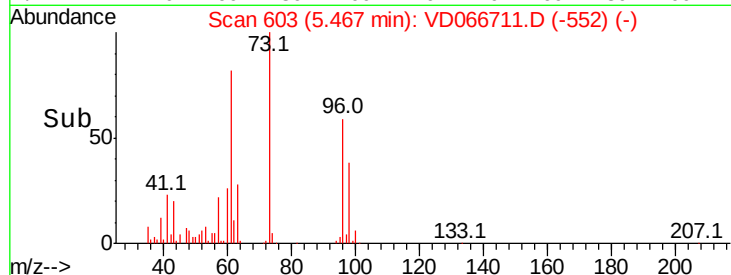
96 100

61 138.0 110.6 166.0

98 63.7 49.2 73.8



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



#22

Diisopropyl ether

Concen: 55.608 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion: 45 Resp: 730903

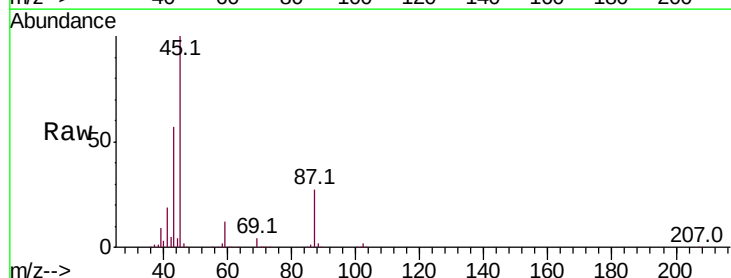
Ion Ratio Lower Upper

45 100

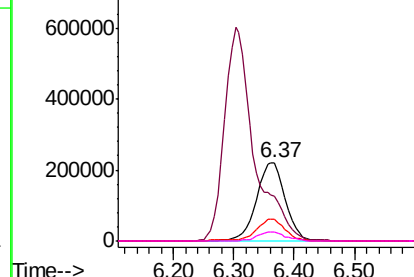
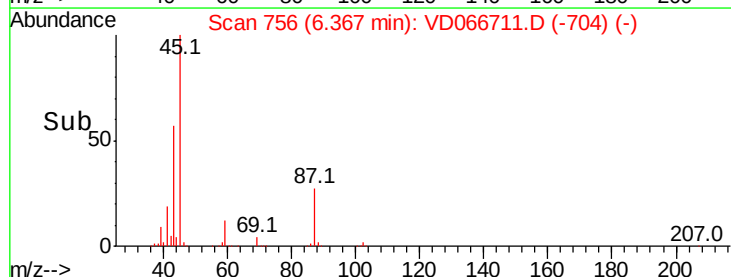
43 57.1 46.9 70.3

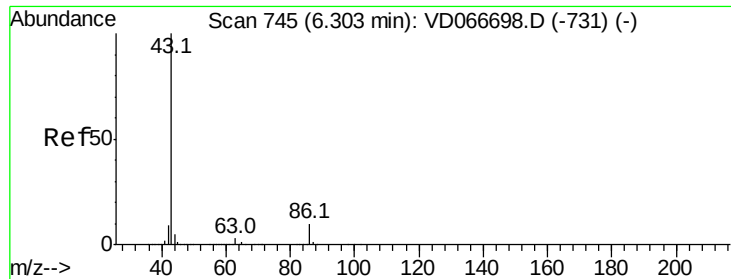
87 27.3 22.4 33.6

59 11.7 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 281.180 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

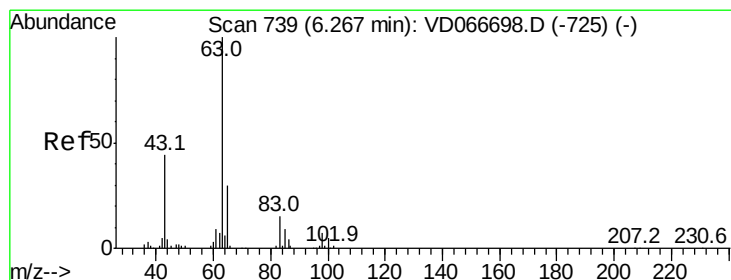
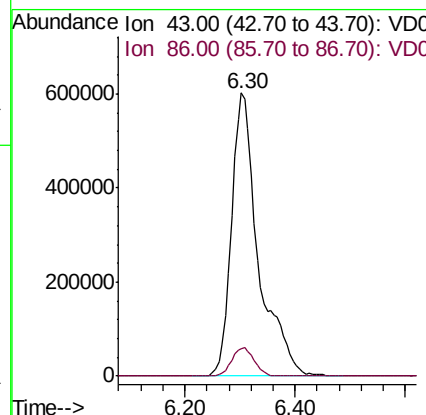
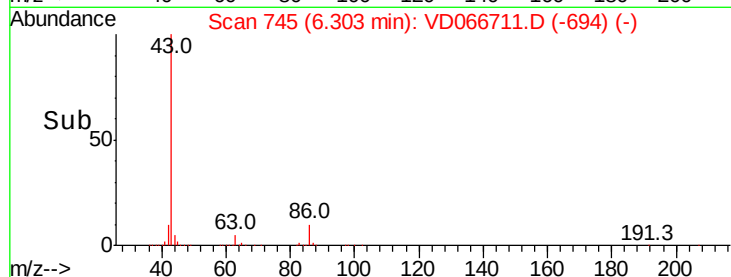
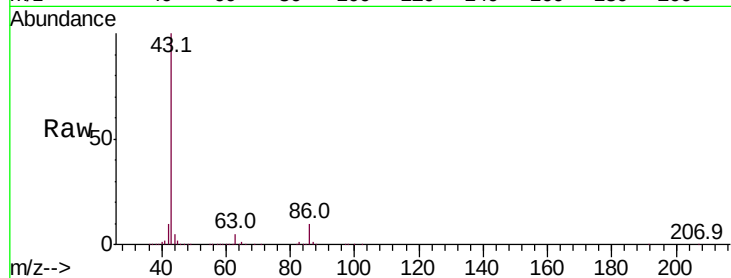
VSTDCCC050EC

Tot Ion: 43 Resp: 2055770

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 51.673 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

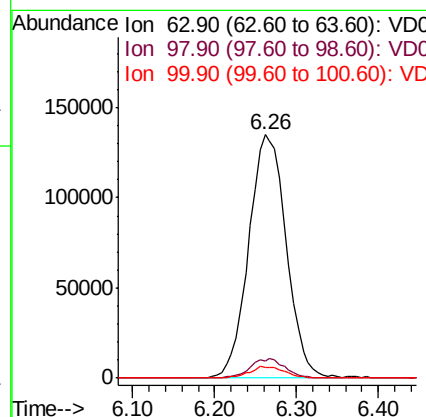
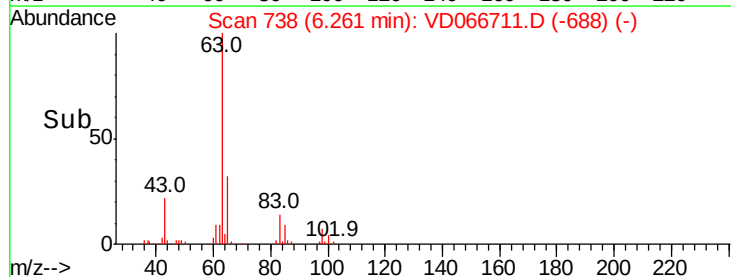
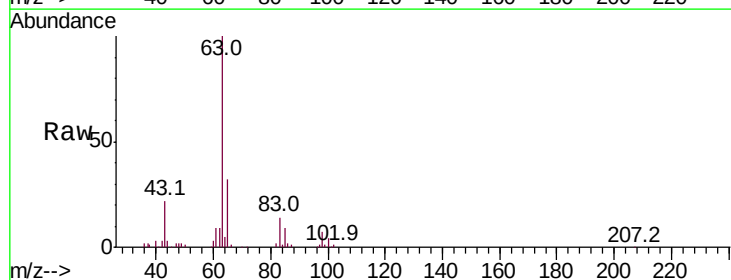
Tgt Ion: 63 Resp: 430985

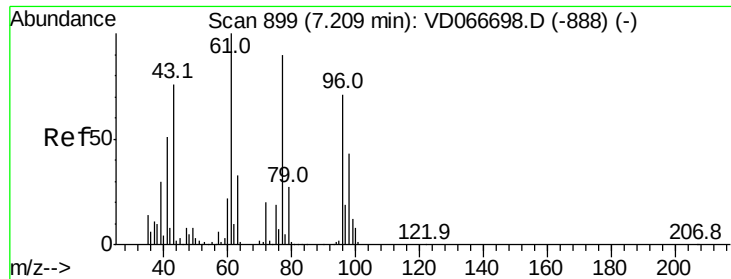
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.6 8.0





#25

2-Butanone

Concen: 253.419 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

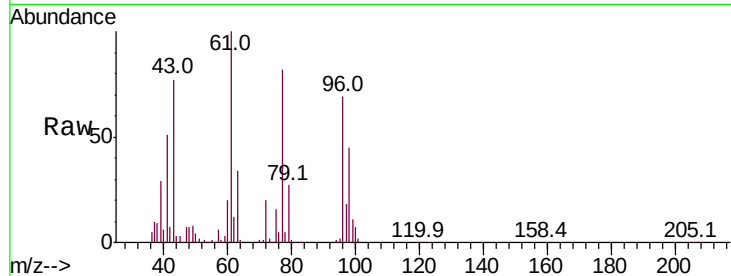
VSTDCCC050EC

Tot Ion: 43 Resp: 288612

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

7.21

120000

100000

80000

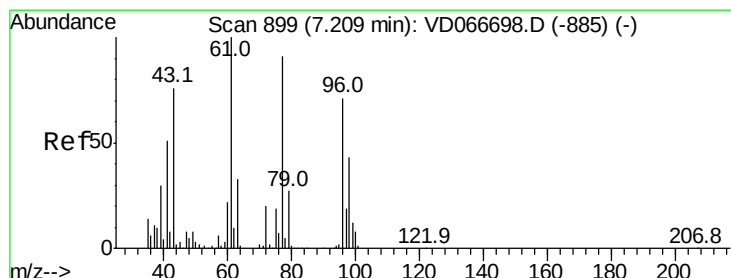
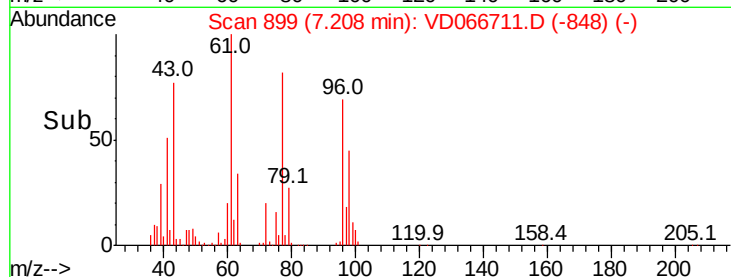
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.059 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066711.D

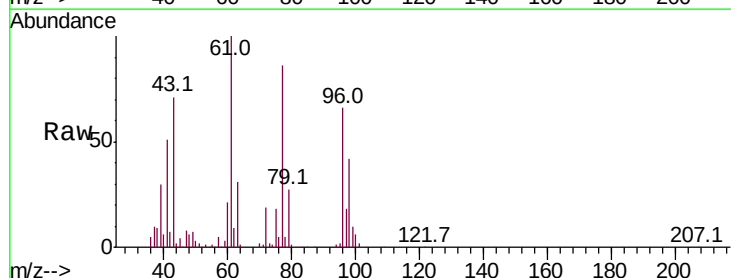
Acq: 15 Sep 2020 22:05

Tgt Ion: 77 Resp: 355244

Ion Ratio Lower Upper

77 100

97 22.0 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

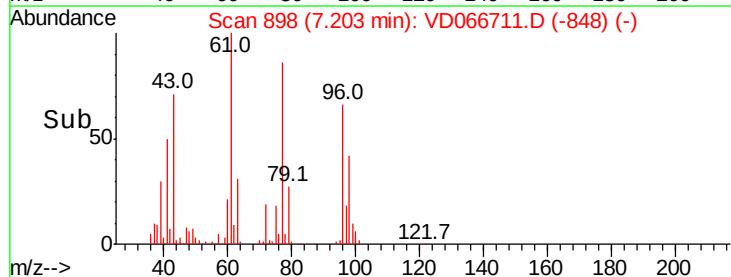
7.20

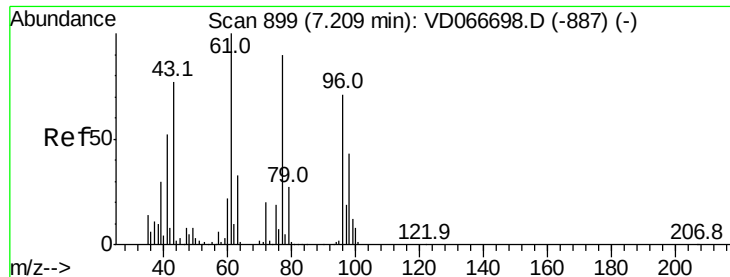
100000

50000

0

Time-->



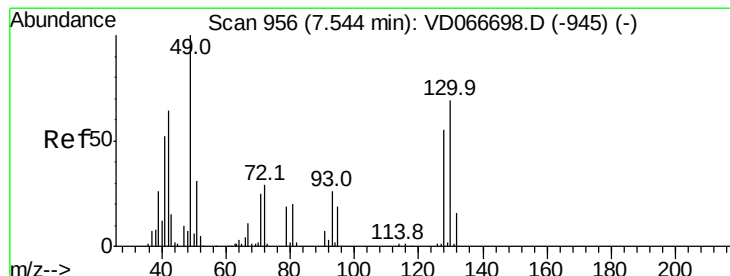
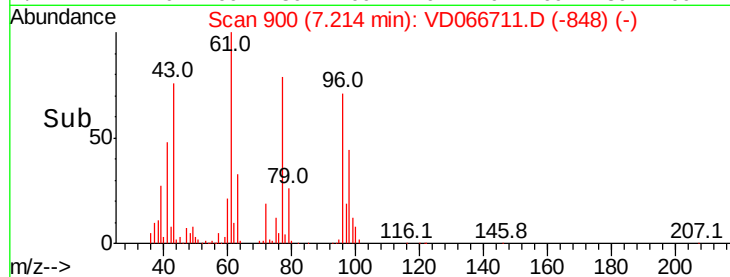
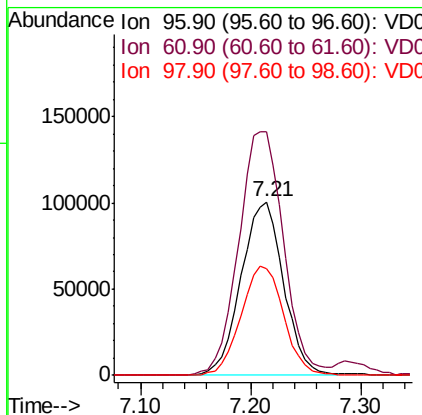
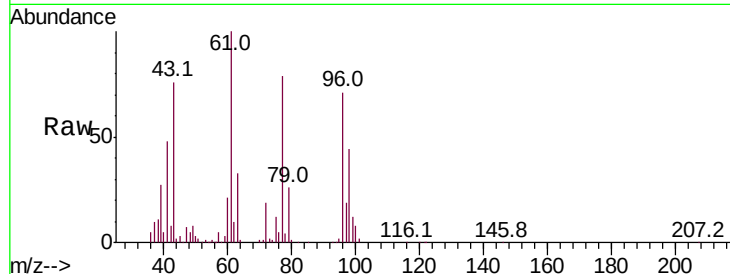


#27

cis-1,2-Dichloroethene
 Concen: 53.065 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

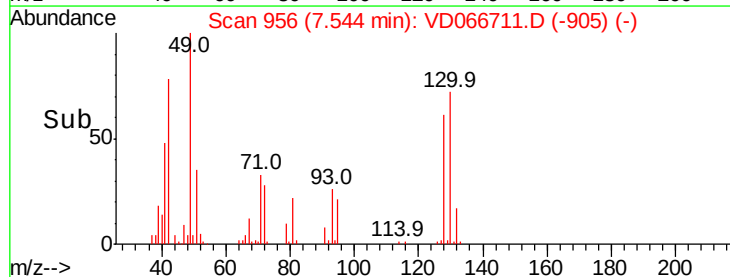
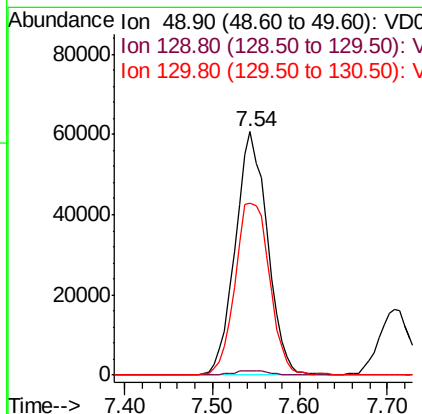
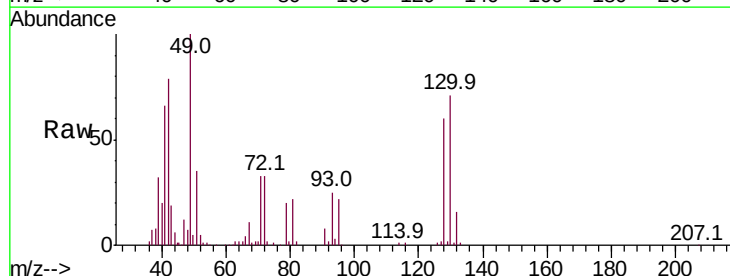
Tot Ion	96	Resp	272428
Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	292.4
98	63.4	0.0	127.0

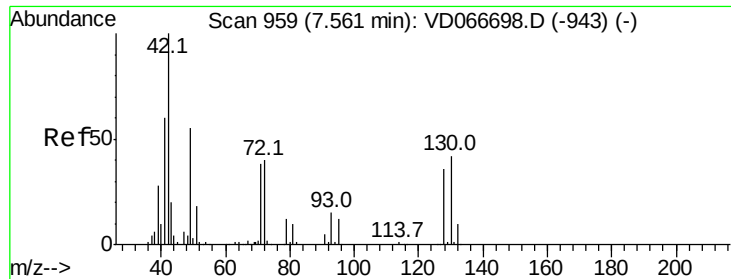


#28

Bromochloromethane
 Concen: 48.554 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	49	Resp	151264
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.7	58.6	88.0





#29

Tetrahydrofuran

Concen: 270.117 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

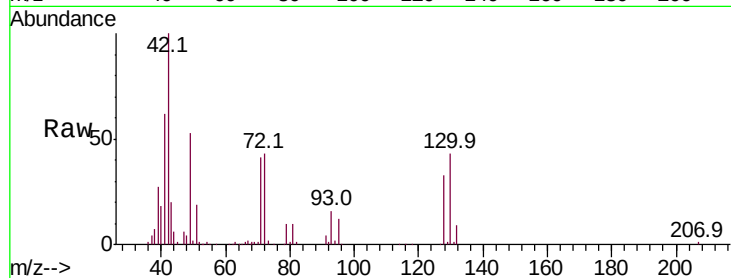
Tot Ion: 42 Resp: 188218

Ion Ratio Lower Upper

42 100

72 40.9 32.6 48.8

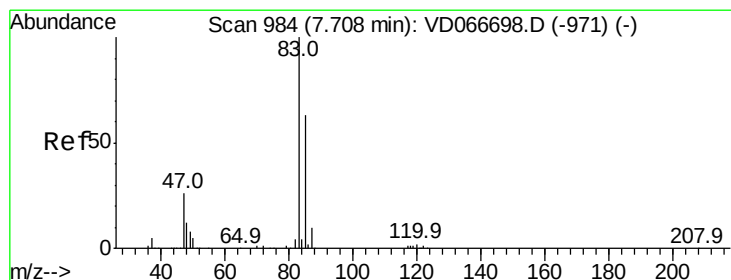
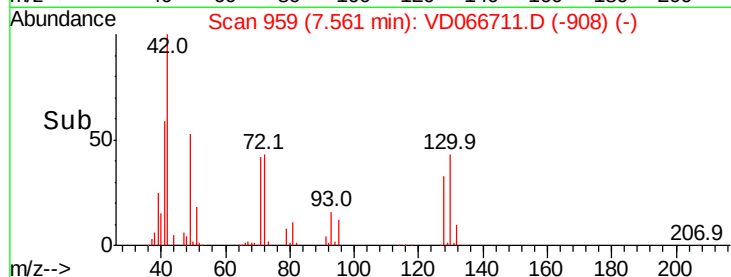
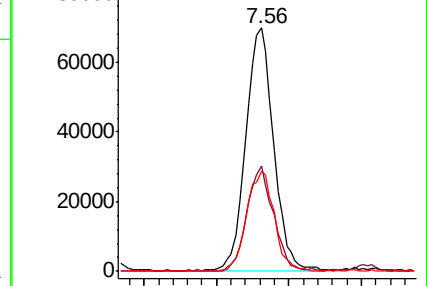
71 40.3 30.6 45.8



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: 52.415 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066711.D

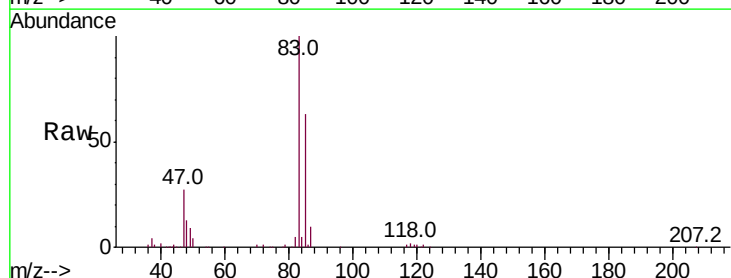
Acq: 15 Sep 2020 22:05

Tgt Ion: 83 Resp: 465285

Ion Ratio Lower Upper

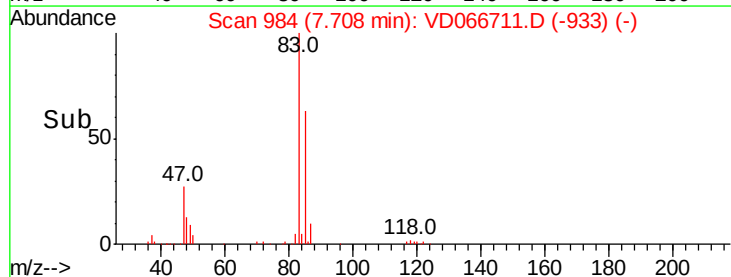
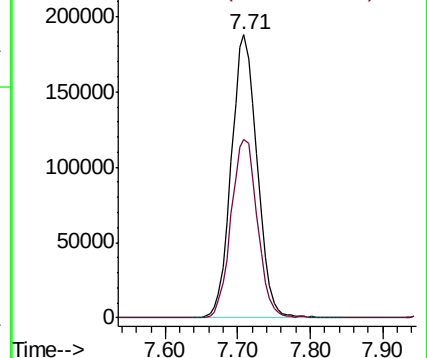
83 100

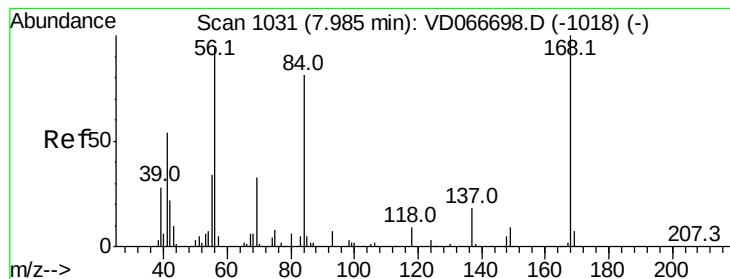
85 63.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 47.445 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

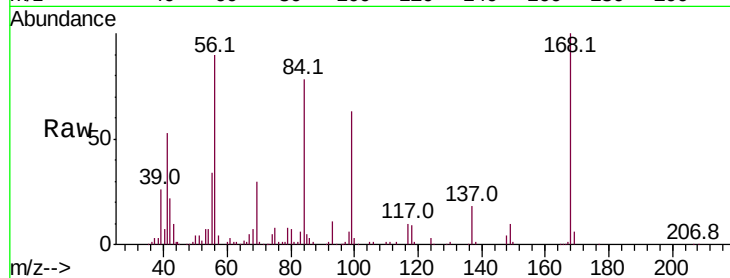
Tot Ion: 56 Resp: 359946

Ion Ratio Lower Upper

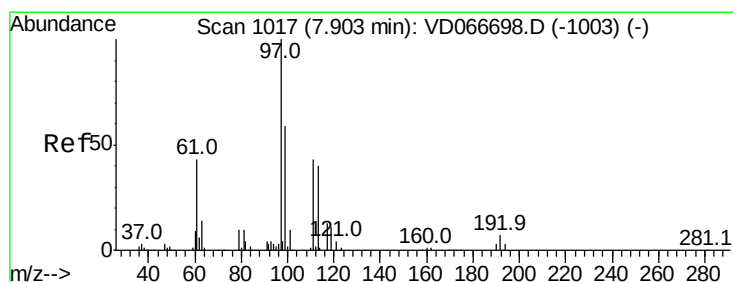
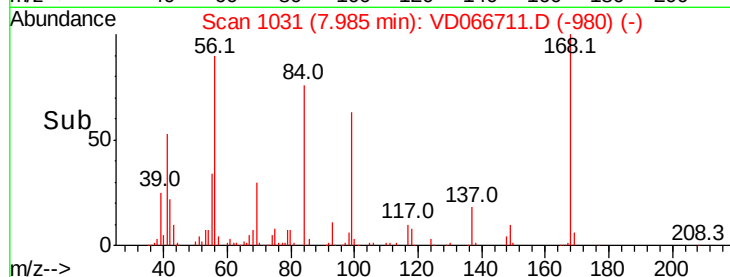
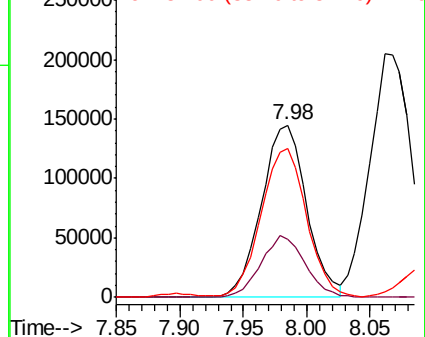
56 100

69 33.5 27.7 41.5

84 84.9 68.5 102.7



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 52.089 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

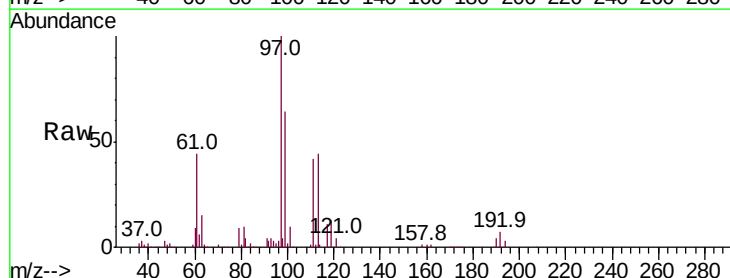
Tgt Ion: 97 Resp: 423115

Ion Ratio Lower Upper

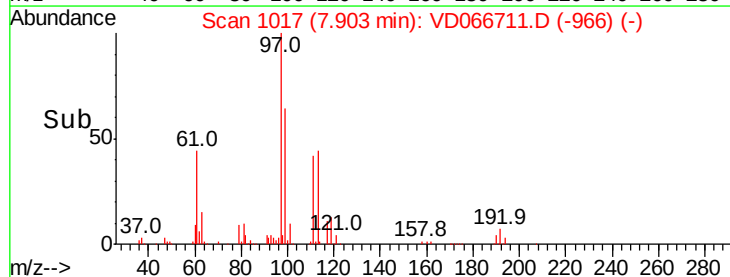
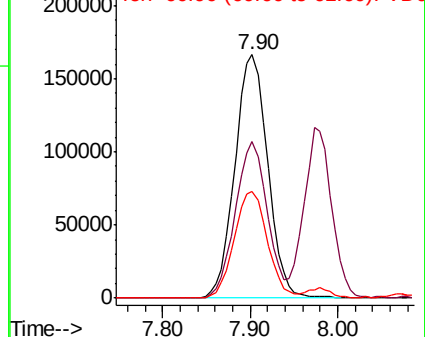
97 100

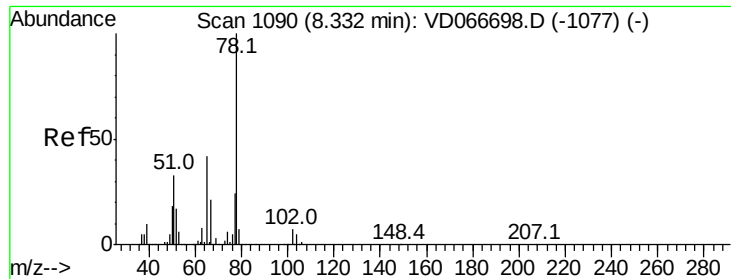
99 62.2 51.0 76.4

61 44.1 35.2 52.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

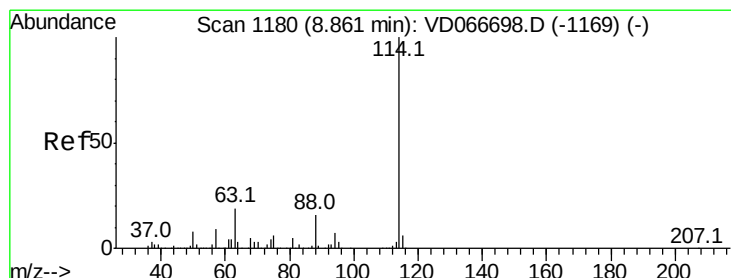
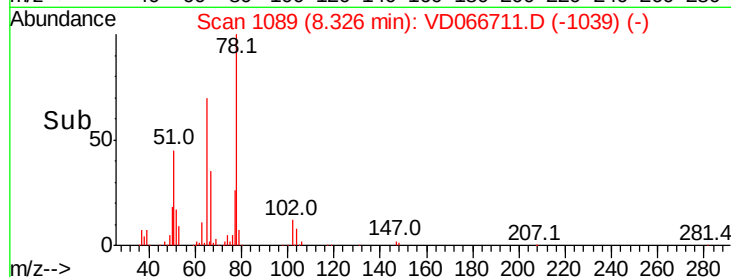
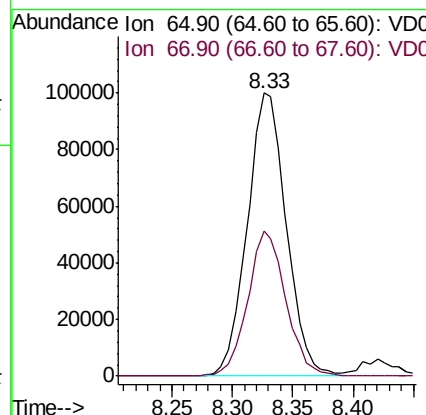
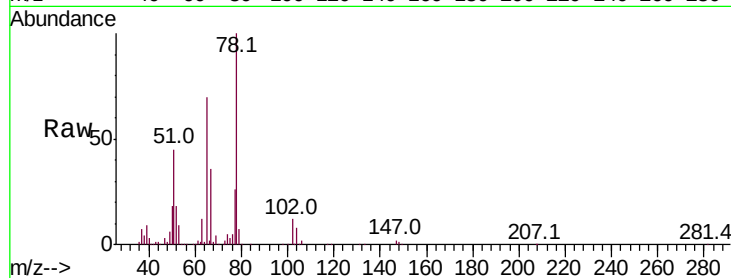




#33
 1,2-Dichloroethane-d4
 Concen: 52.394 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

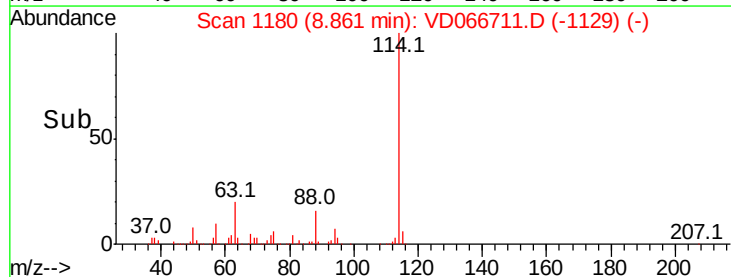
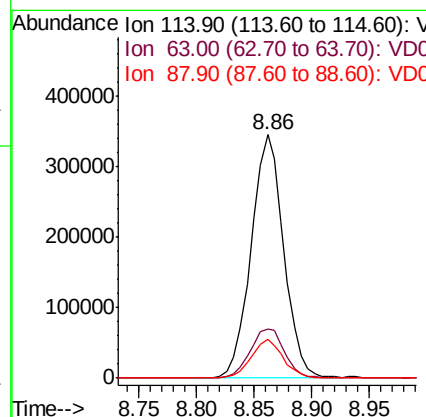
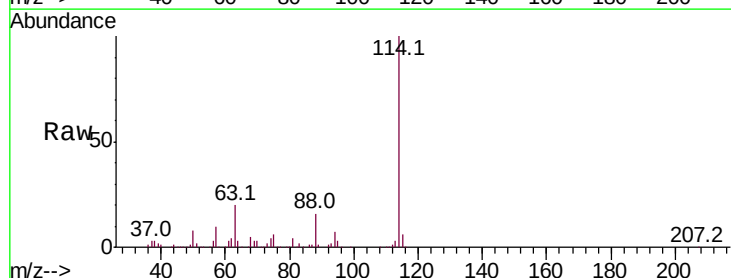
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

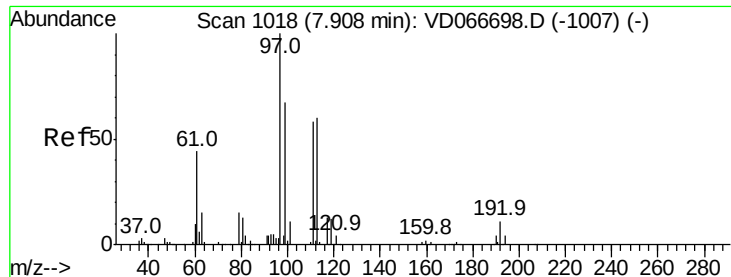
Tot Ion: 65 Resp: 225030
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion: 114 Resp: 679267
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.6
 88 15.9 0.0 32.2

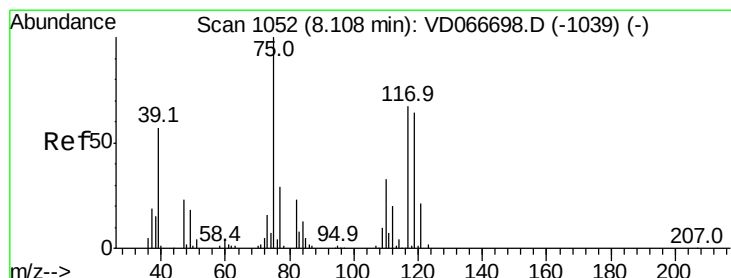
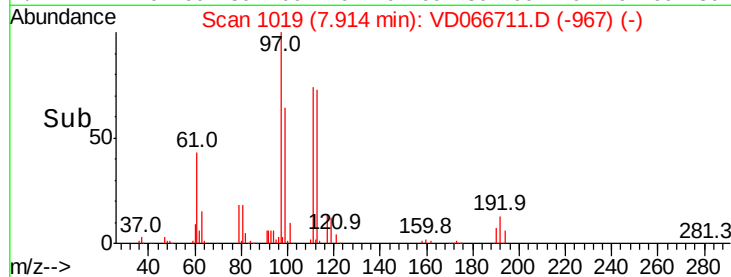
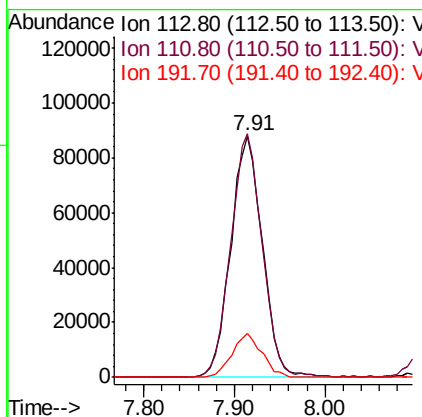
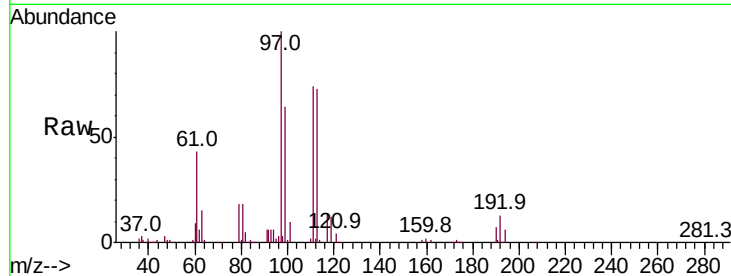




#35
 Dibromofluoromethane
 Concen: 51.262 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

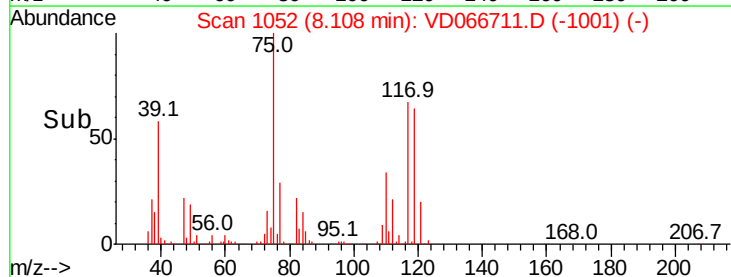
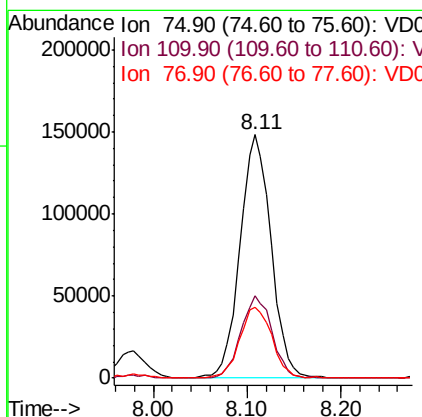
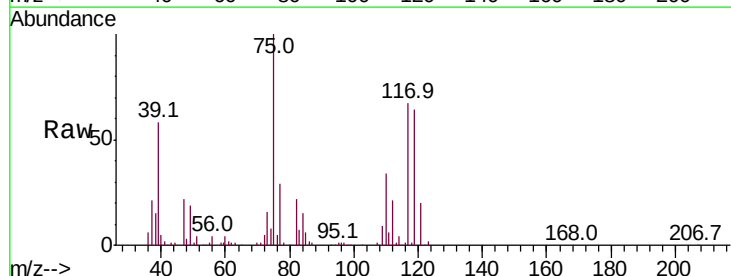
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

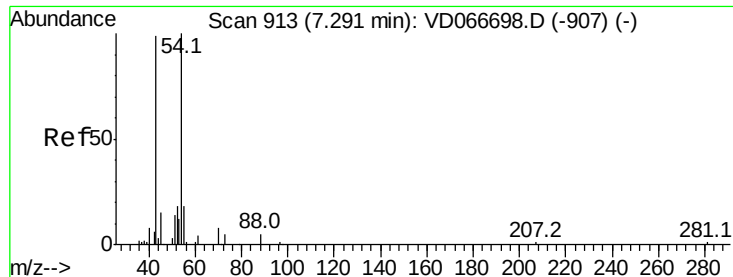
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.2	124.8
192	17.2	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 48.398 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.1	51.2
77	30.4	25.0	37.6

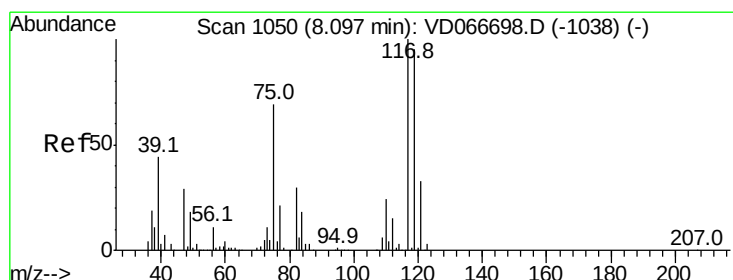
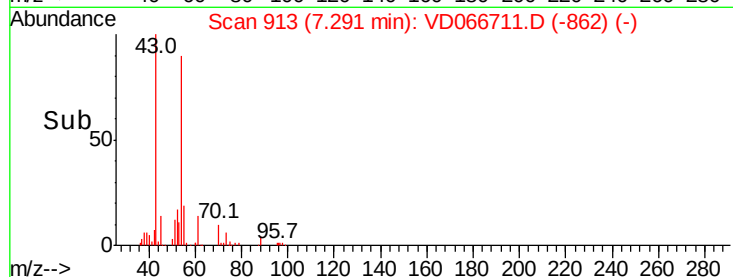
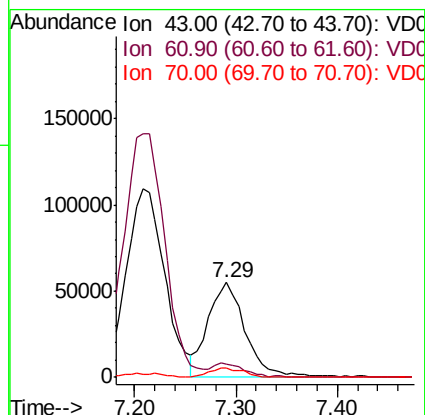
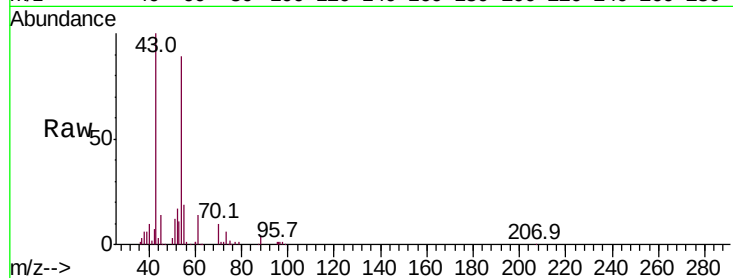




#37
Ethyl Acetate
Concen: 52.570 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

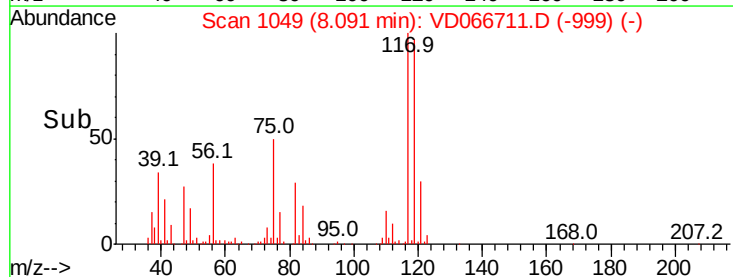
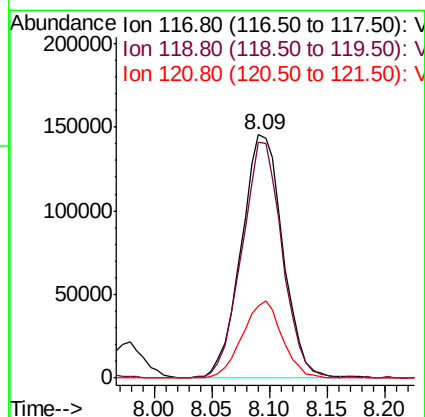
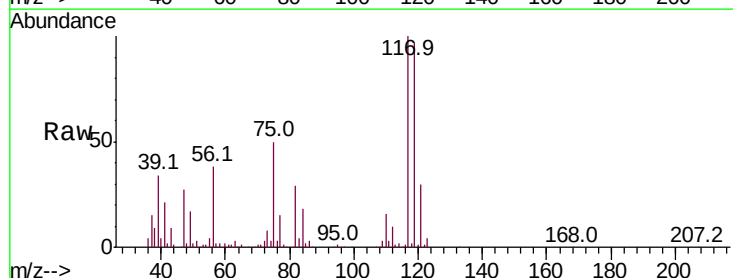
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

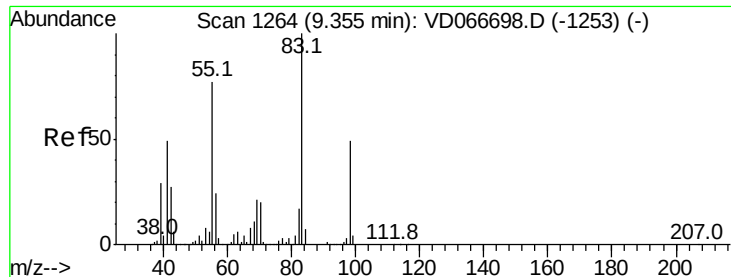
Tot Ion: 43 Resp: 138989
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 9.3 7.5 11.3



#38
Carbon Tetrachloride
Concen: 49.220 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 117 Resp: 365040
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 29.7 26.2 39.4

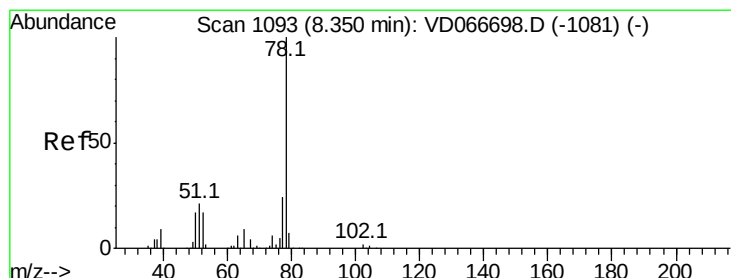
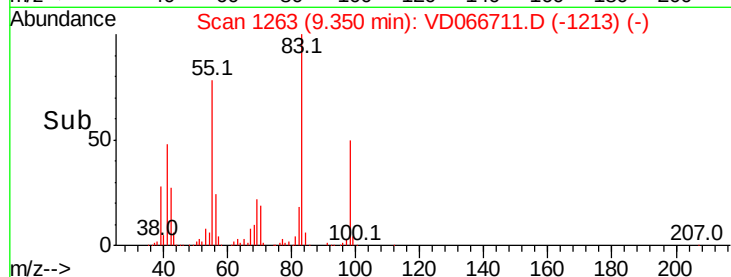
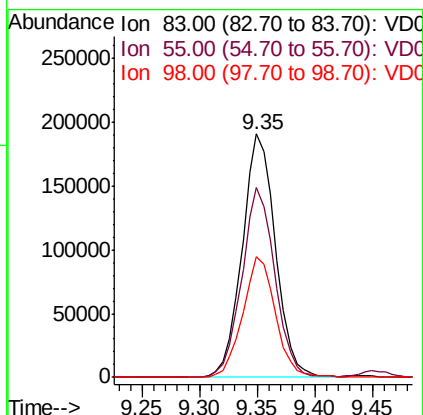
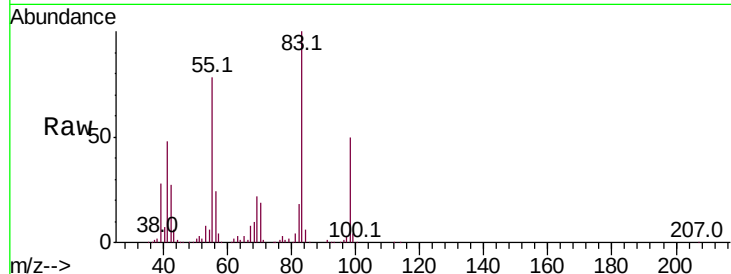




#39
Methylvlcyclohexane
Concen: 47.995 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

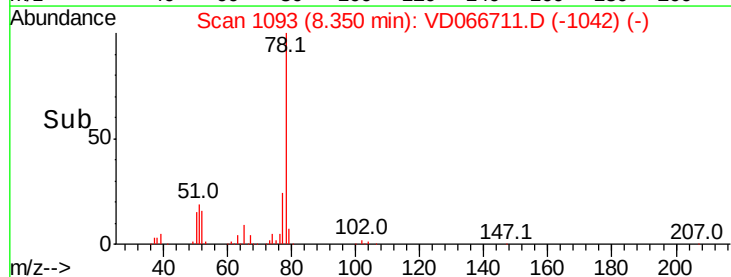
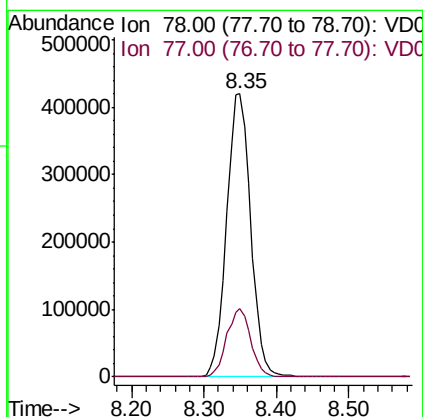
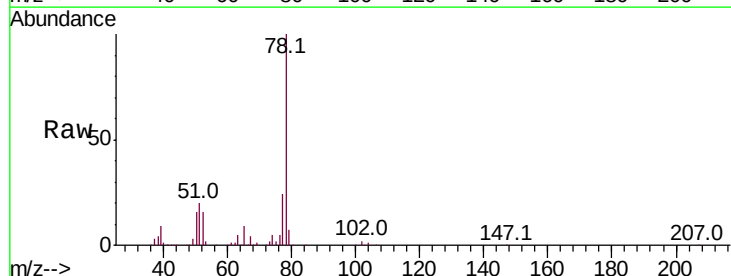
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

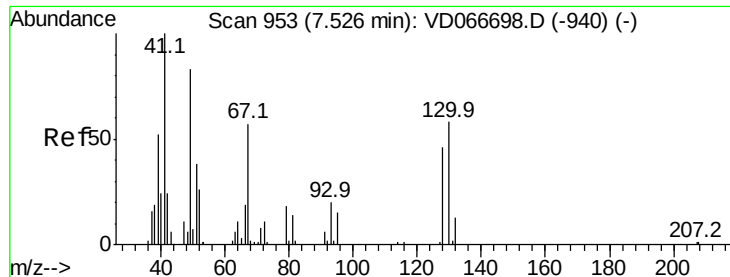
Tot Ion: 83 Resp: 383394
Ion Ratio Lower Upper
83 100
55 78.1 61.5 92.3
98 49.8 39.3 58.9



#40
Benzene
Concen: 51.256 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 78 Resp: 968445
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

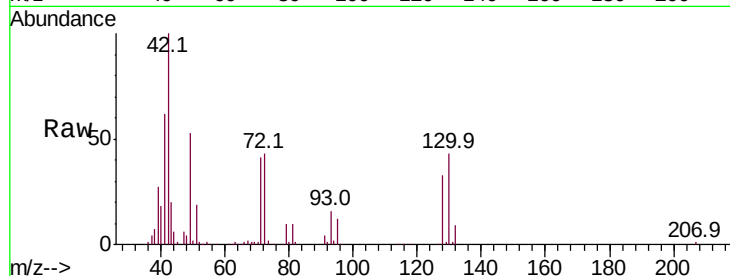




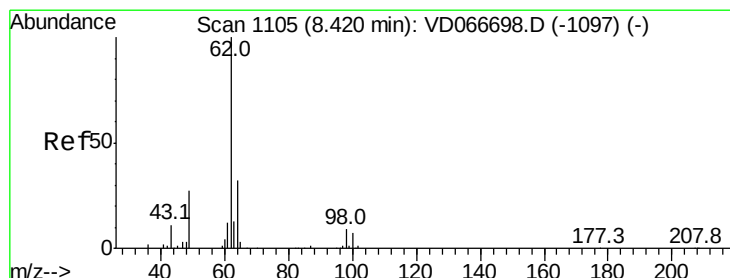
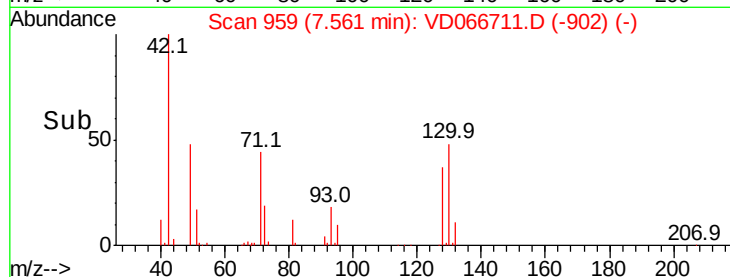
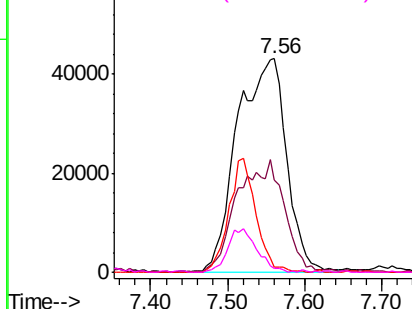
#41
Methacrylonitrile
Concen: 137.602 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 192603
Ion Ratio Lower Upper
41 100
39 49.9 59.3 88.9#
67 0.0 62.3 93.5#
52 0.0 28.0 42.0#

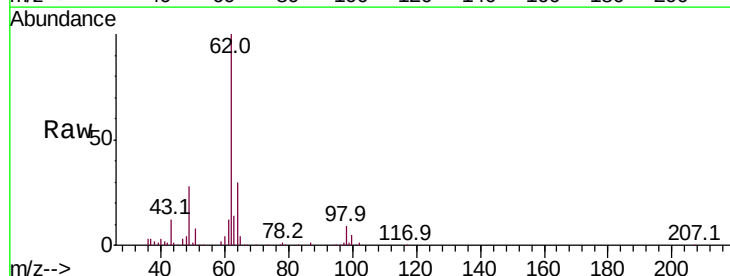


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

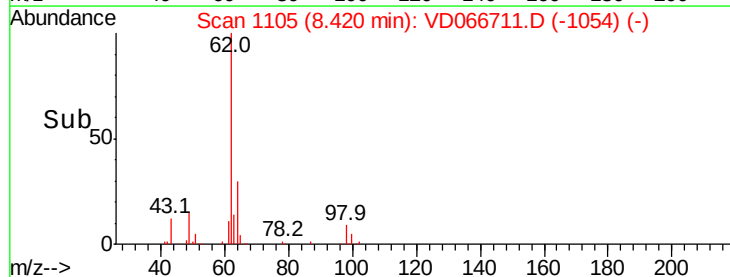
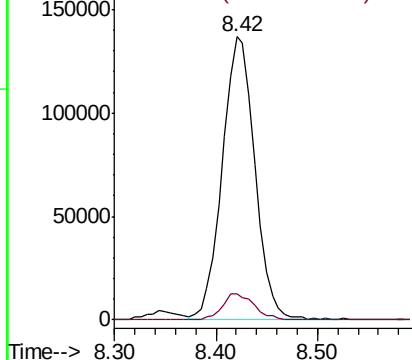


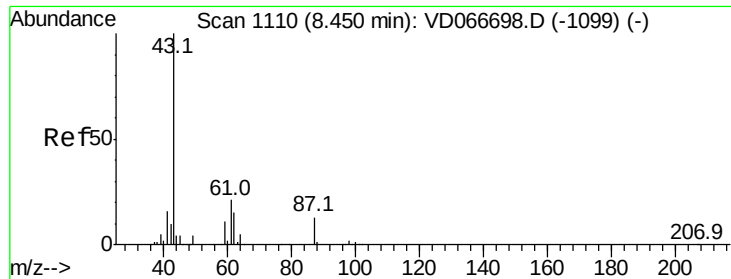
#42
1,2-Dichloroethane
Concen: 51.942 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 62 Resp: 304049
Ion Ratio Lower Upper
62 100
98 9.2 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: 53.612 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

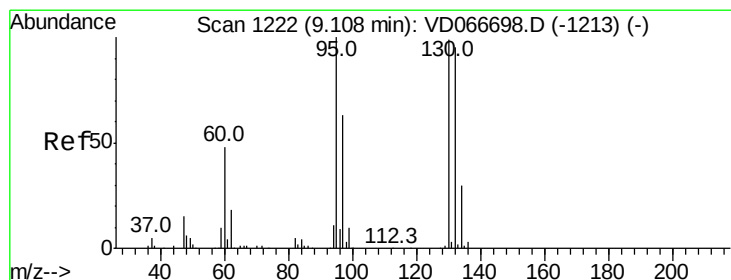
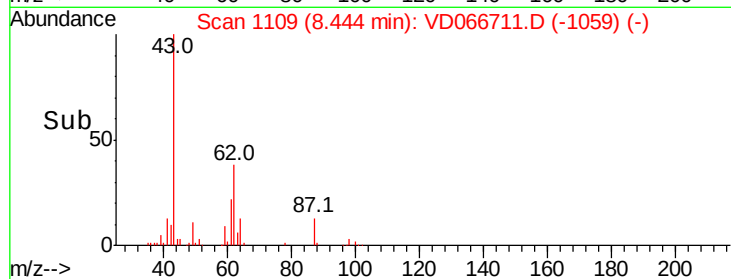
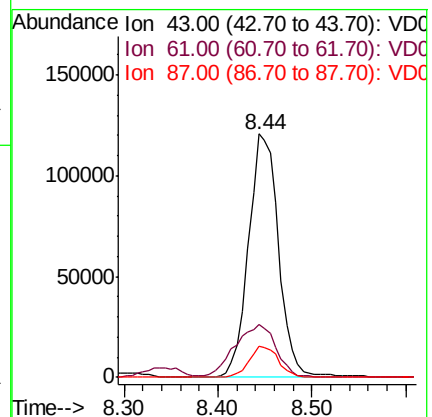
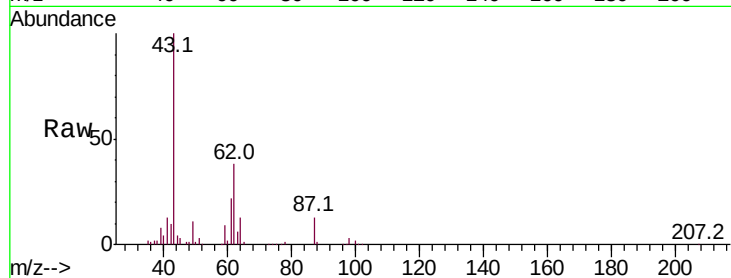
Tot Ion: 43 Resp: 266798

Ion Ratio Lower Upper

43 100

61 30.0 24.8 37.2

87 12.3 10.4 15.6



#44

Trichloroethene

Concen: 50.550 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066711.D

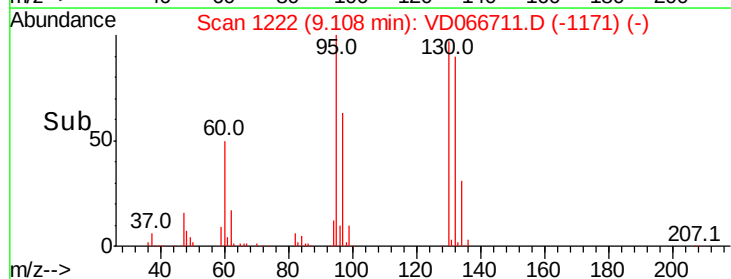
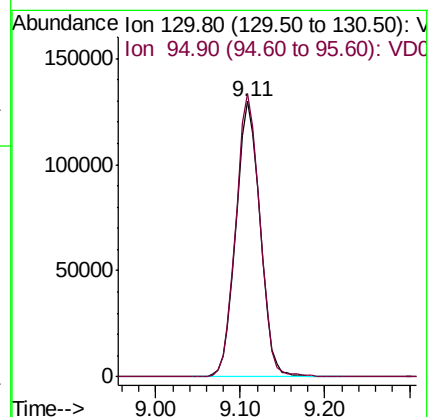
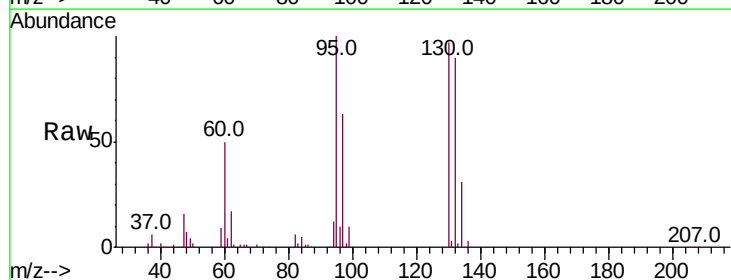
Acq: 15 Sep 2020 22:05

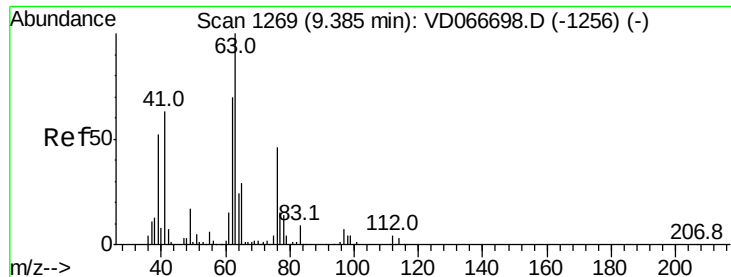
Tgt Ion:130 Resp: 255364

Ion Ratio Lower Upper

130 100

95 102.8 0.0 201.4

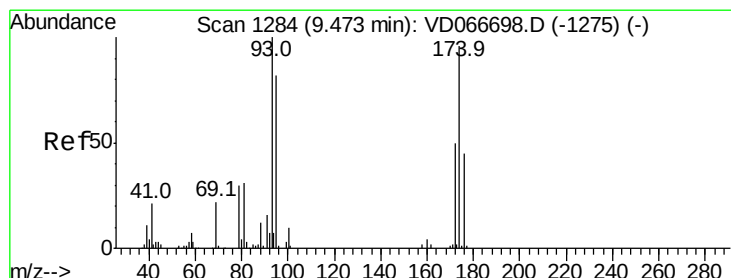
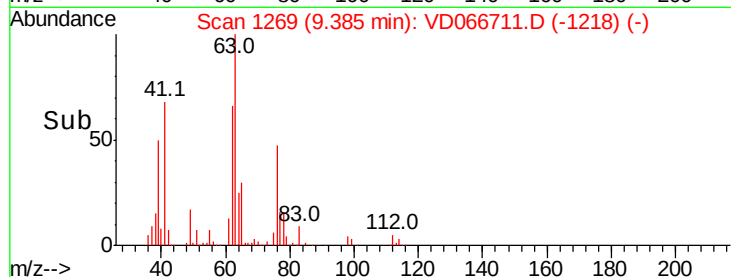
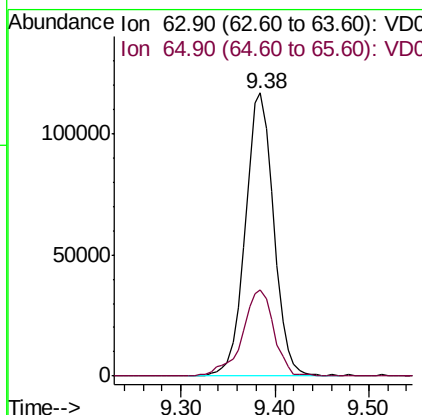
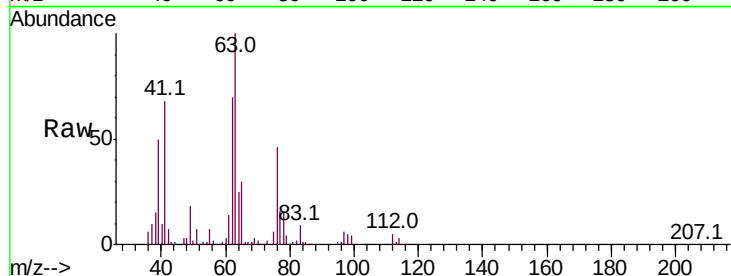




#45
 1,2-Dichloropropane
 Concen: 52.240 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

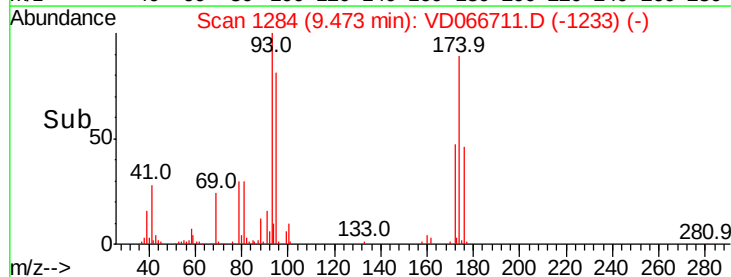
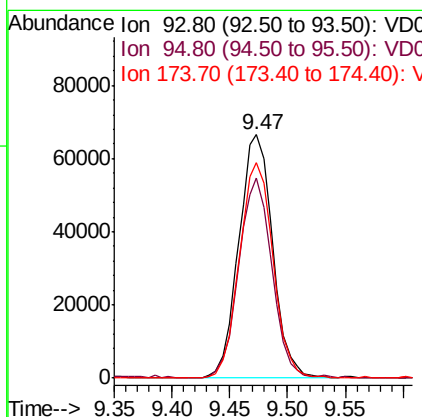
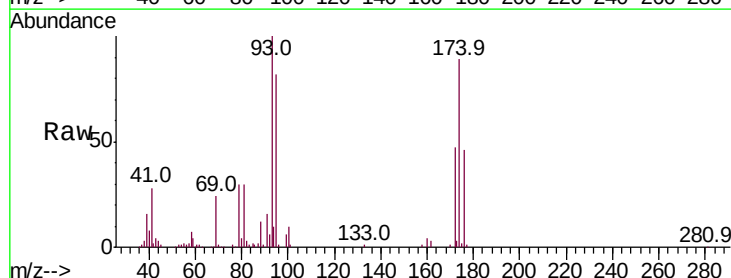
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

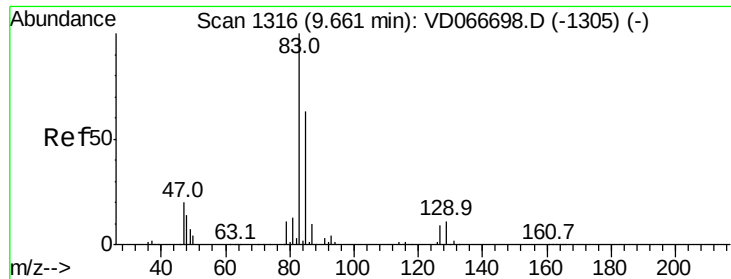
Tot Ion: 63 Resp: 244009
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.4 35.0



#46
 Dibromomethane
 Concen: 52.909 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion: 93 Resp: 135802
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.0 99.0
 174 87.9 72.3 108.5





#47

Bromodichloromethane

Concen: 52.457 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

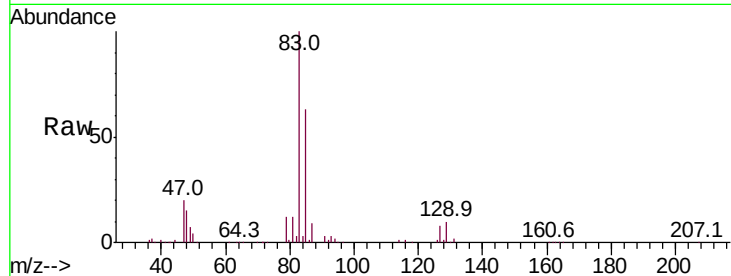
Tot Ion: 83 Resp: 366888

Ion Ratio Lower Upper

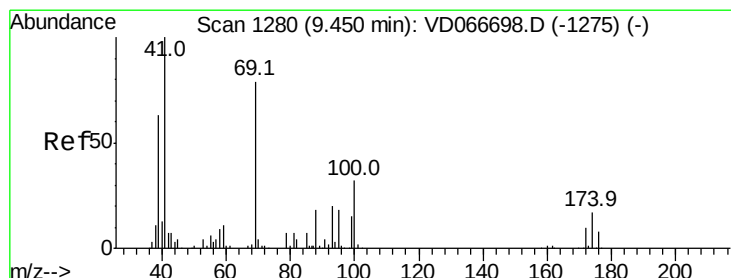
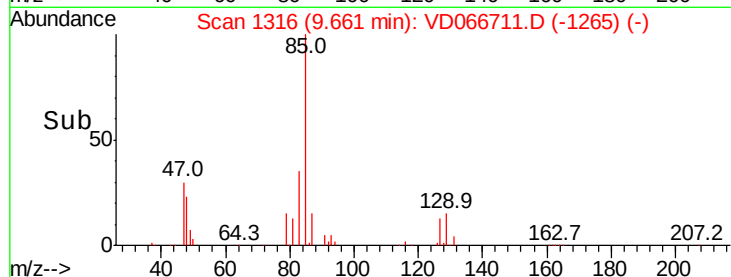
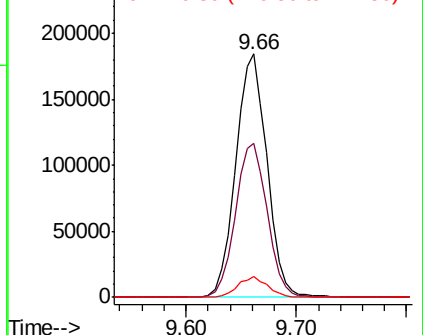
83 100

85 63.3 50.1 75.1

127 8.5 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: 52.044 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

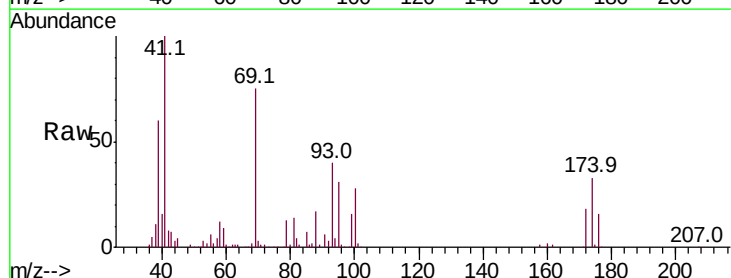
Tgt Ion: 41 Resp: 131737

Ion Ratio Lower Upper

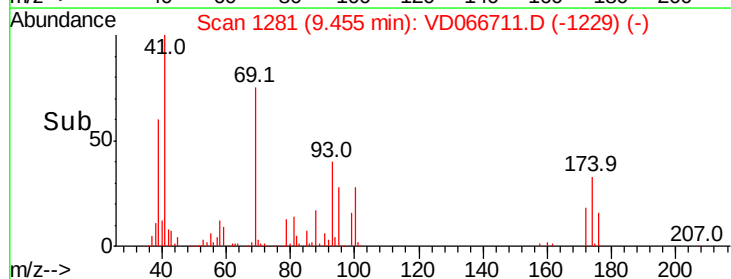
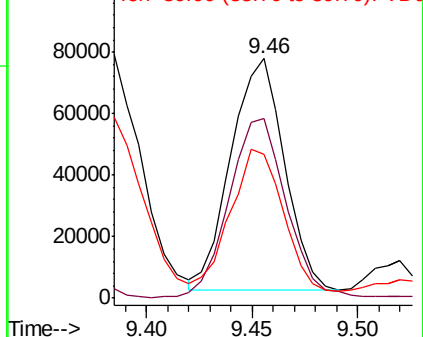
41 100

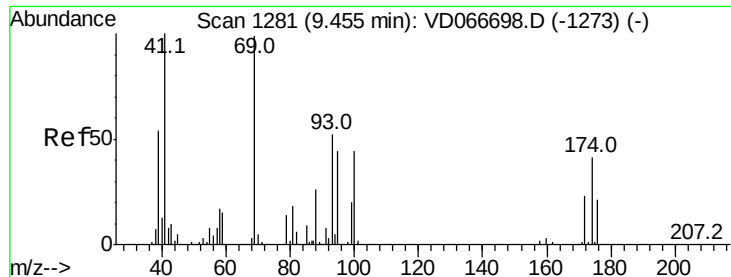
69 84.7 62.4 93.6

39 60.9 44.8 67.2



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





#49

1,4-Dioxane

Concen: 1017.221 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

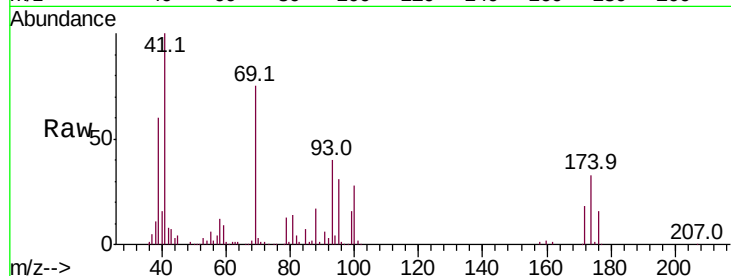
Tot Ion: 88 Resp: 27968

Ion Ratio Lower Upper

88 100

43 40.6 29.3 43.9

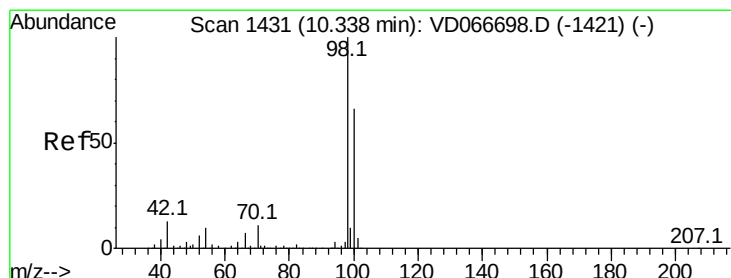
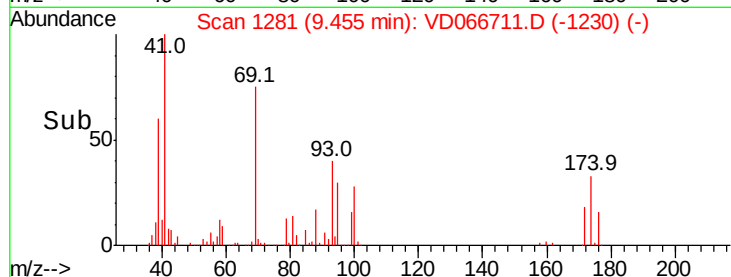
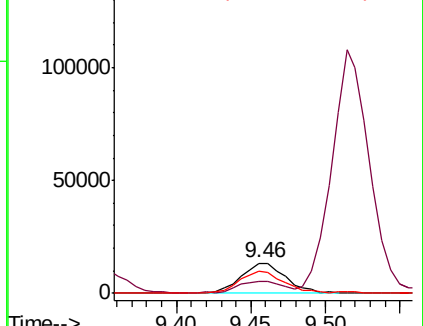
58 71.0 51.4 77.2



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: 51.167 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066711.D

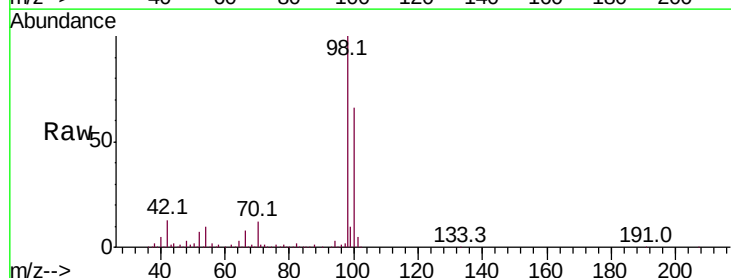
Acq: 15 Sep 2020 22:05

Tgt Ion: 98 Resp: 759186

Ion Ratio Lower Upper

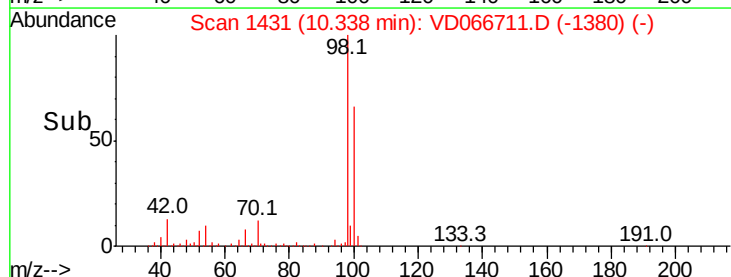
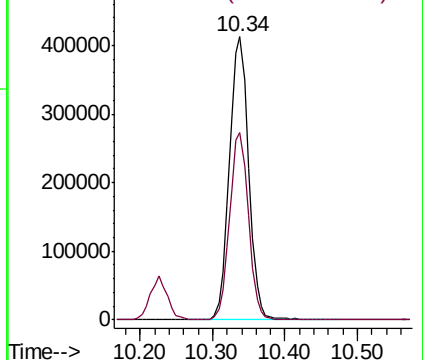
98 100

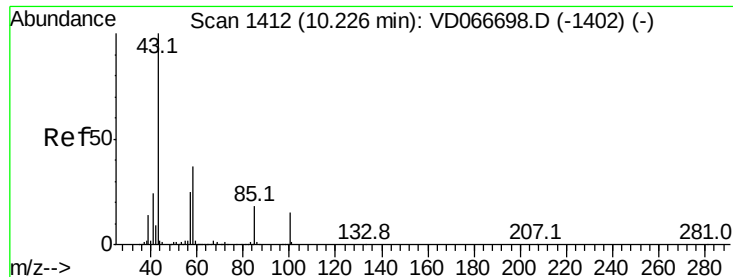
100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

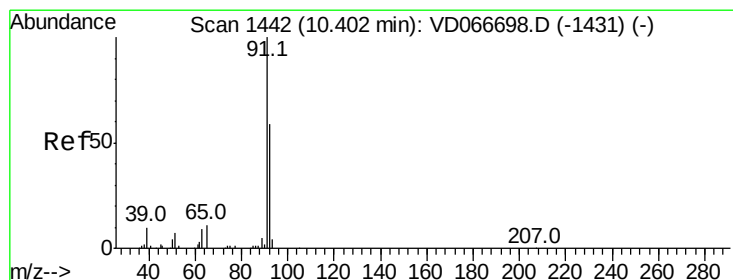
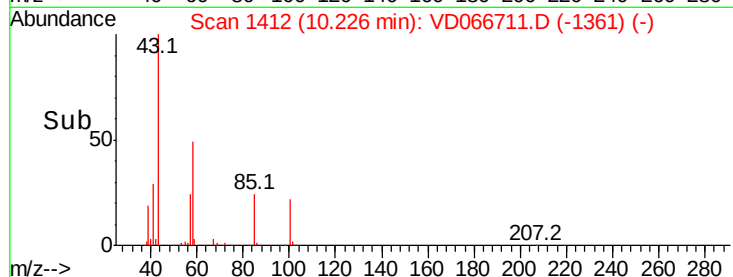
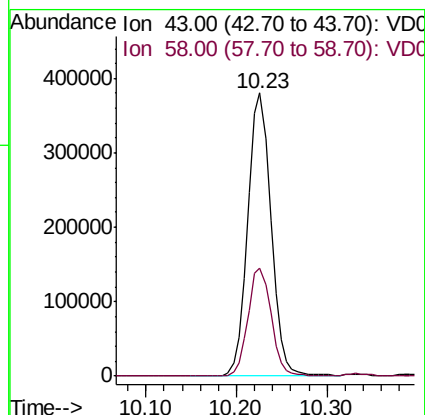
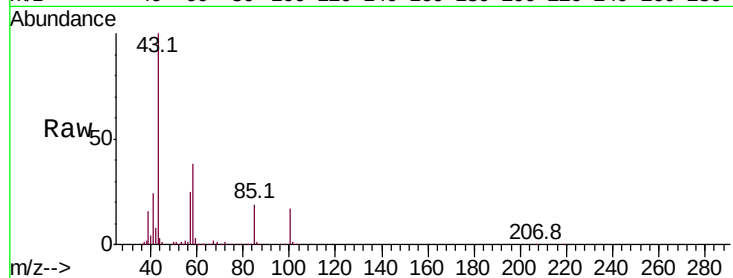




#51
4-Methyl-2-Pentanone
Concen: 265.586 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

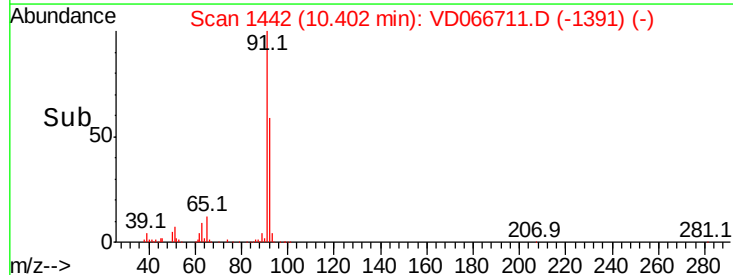
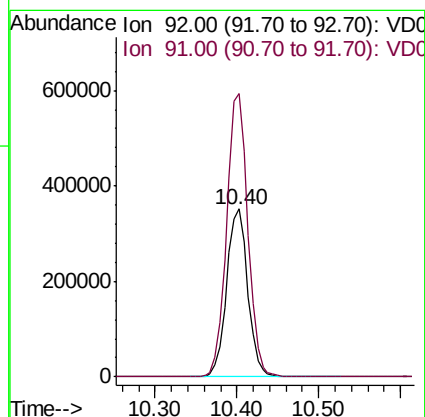
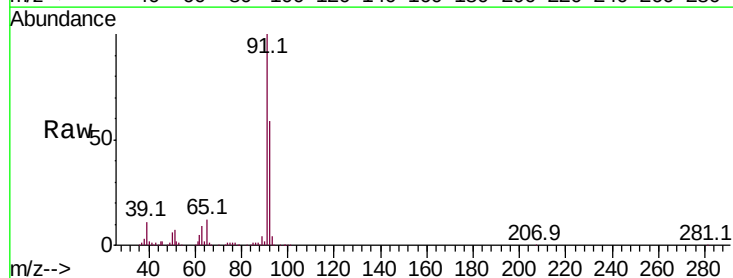
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

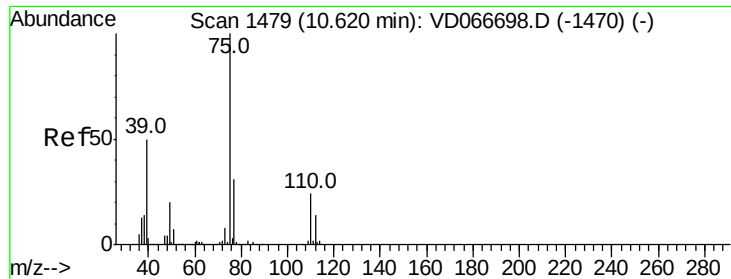
Tot Ion: 43 Resp: 680436
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6



#52
Toluene
Concen: 52.262 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 92 Resp: 632567
Ion Ratio Lower Upper
92 100
91 169.3 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 52.378 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

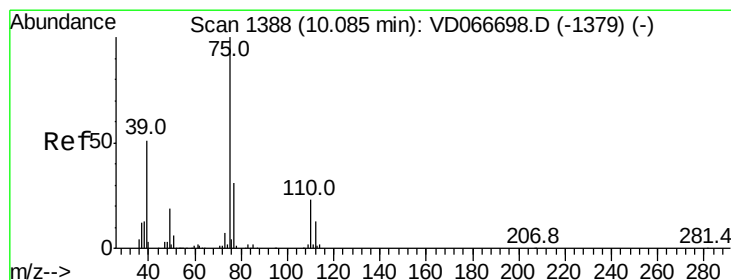
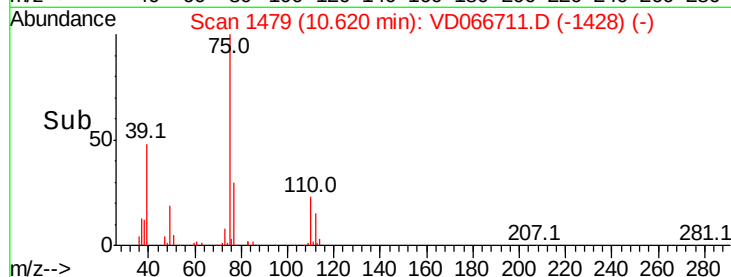
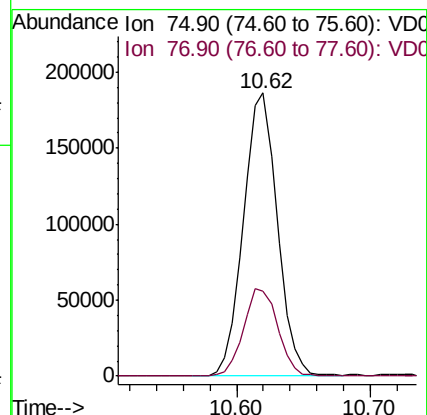
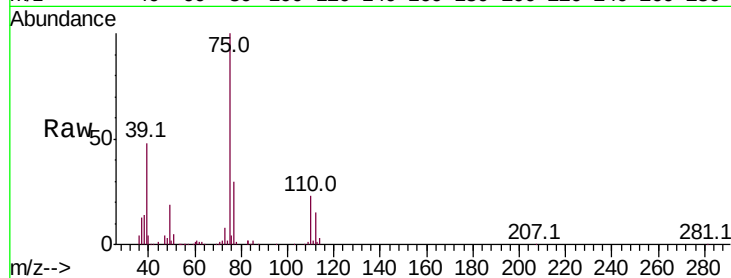
VSTDCCC050EC

Tot Ion: 75 Resp: 327261

Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 52.627 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

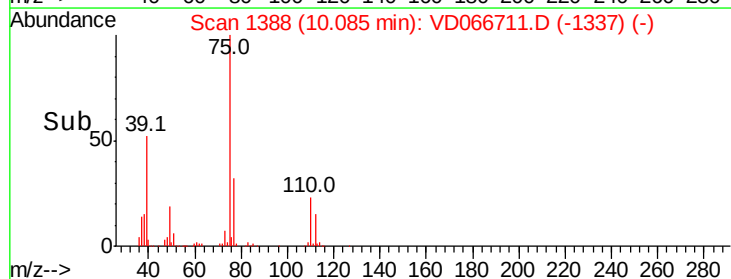
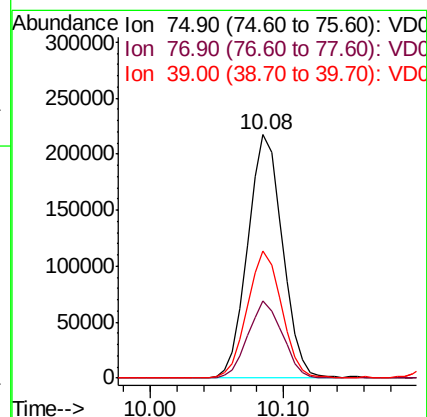
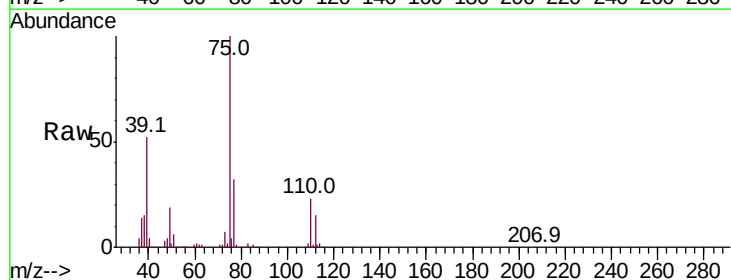
Tgt Ion: 75 Resp: 390553

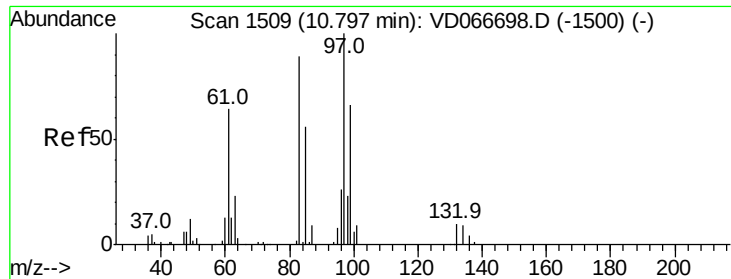
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 52.0 40.6 61.0





#55

1,1,2-Trichloroethane

Concen: 51.691 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 174928

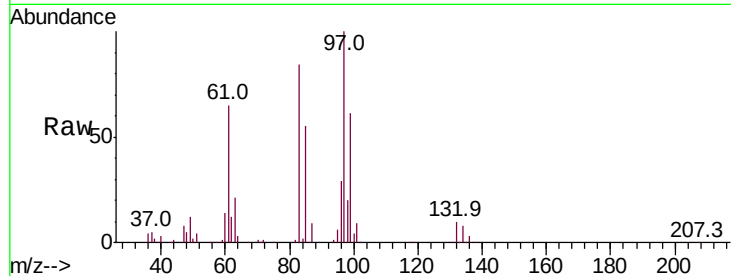
Ion Ratio Lower Upper

97 100

83 84.5 71.4 107.2

85 55.1 44.7 67.1

99 60.8 52.4 78.6

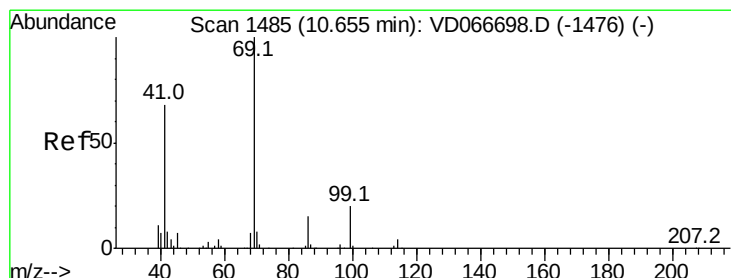
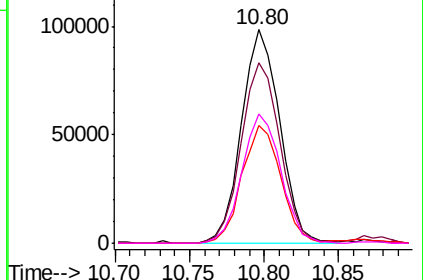
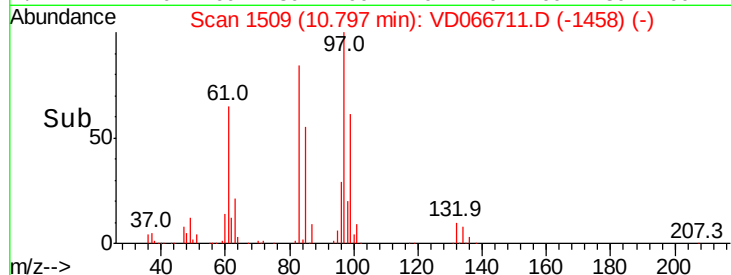


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 57.276 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

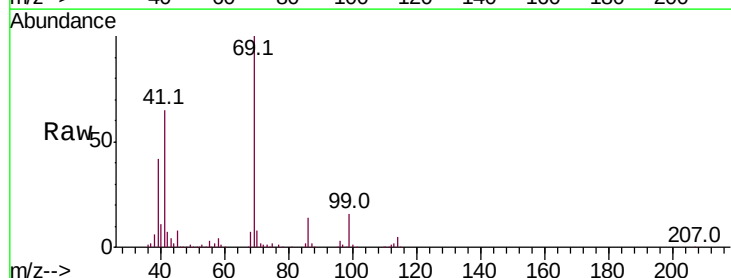
Tgt Ion: 69 Resp: 219959

Ion Ratio Lower Upper

69 100

41 67.9 55.5 83.3

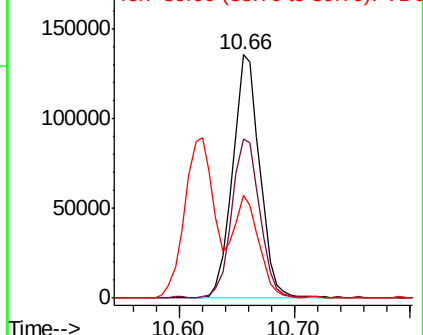
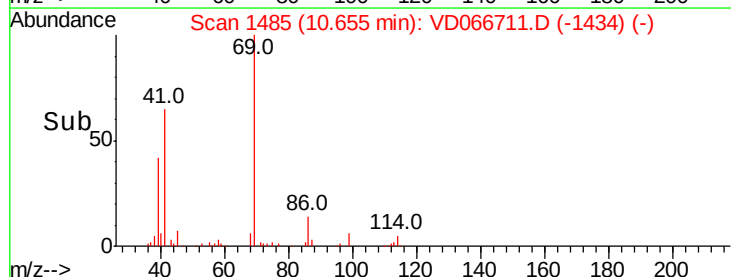
39 40.1 29.7 44.5

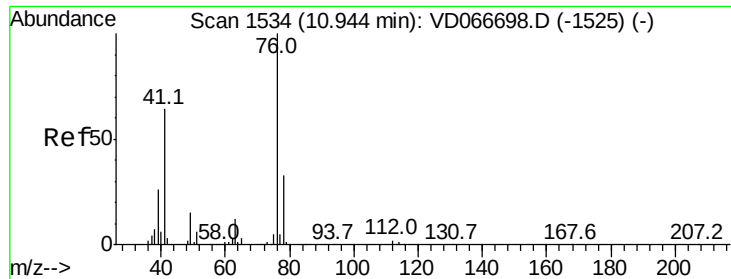


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.810 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

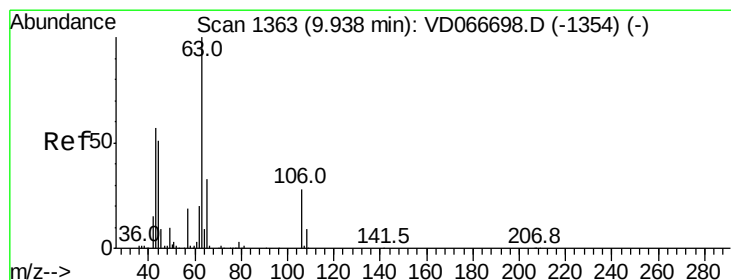
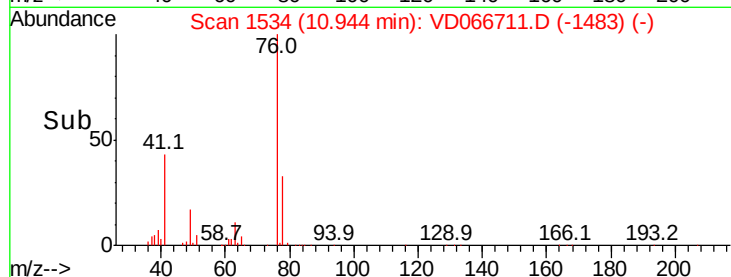
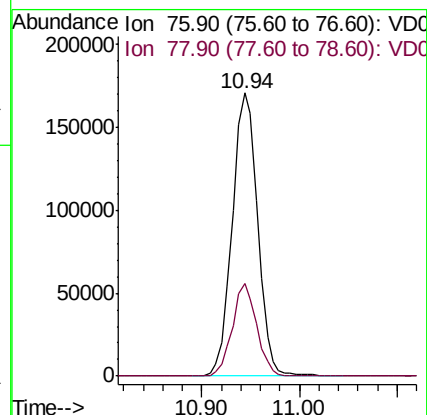
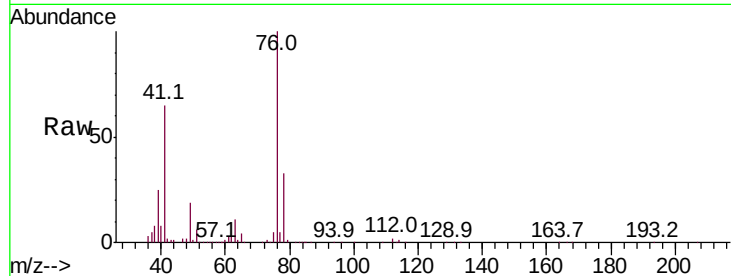
VSTDCCC050EC

Tot Ion: 76 Resp: 307691

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 242.725 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066711.D

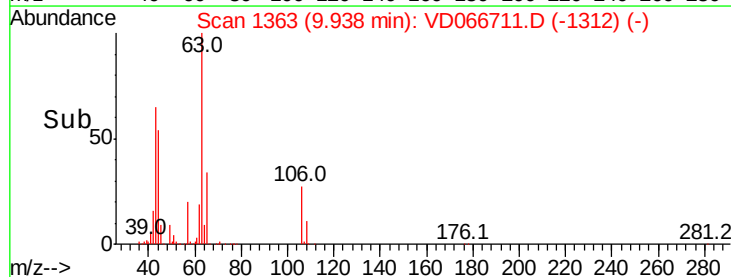
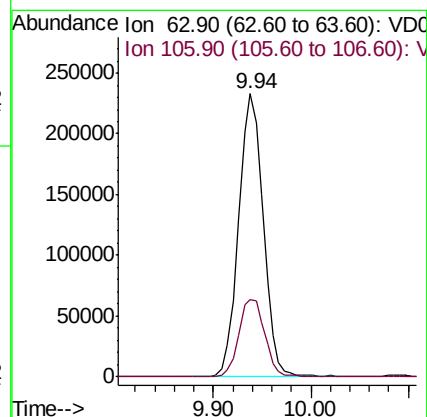
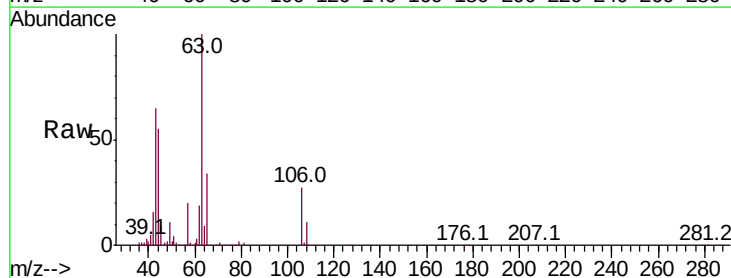
Acq: 15 Sep 2020 22:05

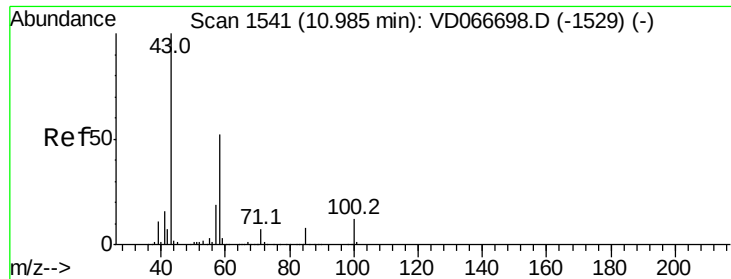
Tgt Ion: 63 Resp: 409390

Ion Ratio Lower Upper

63 100

106 28.7 22.2 33.4

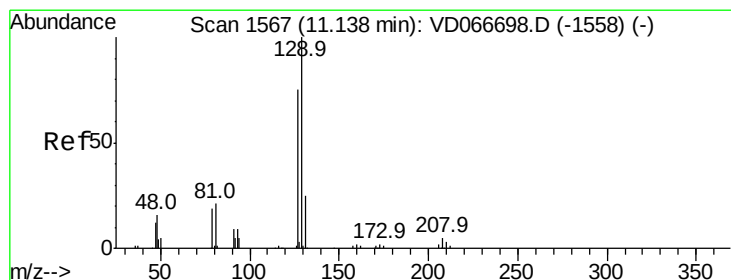
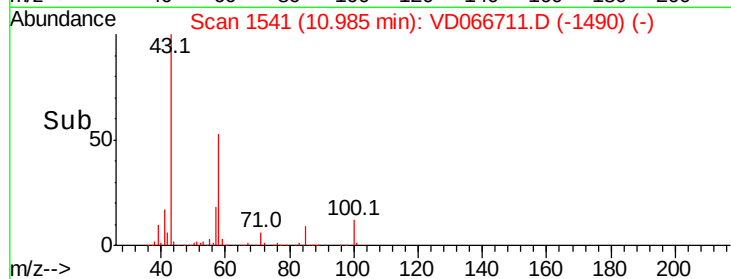
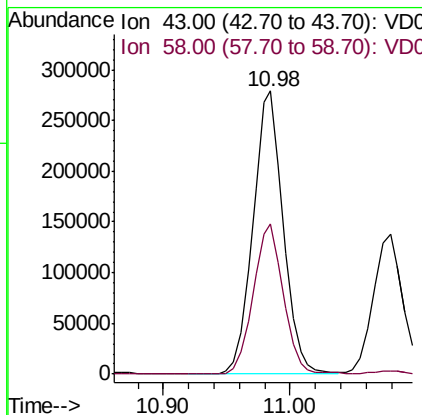
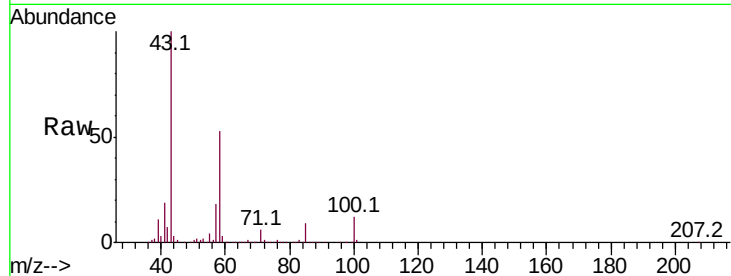




#59
2-Hexanone
Concen: 268.727 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

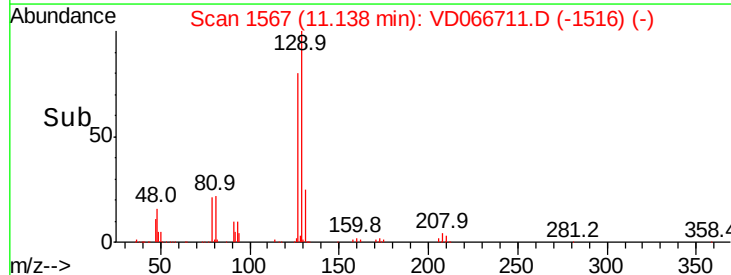
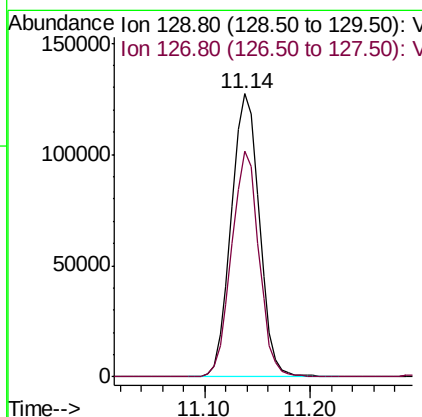
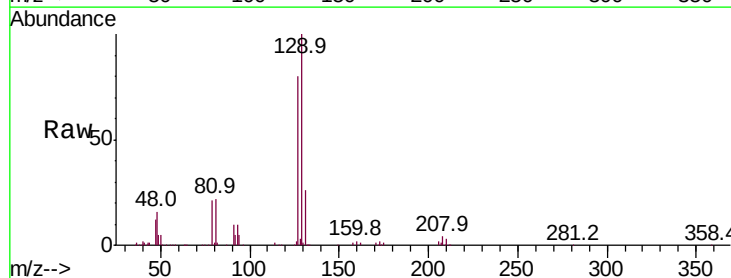
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

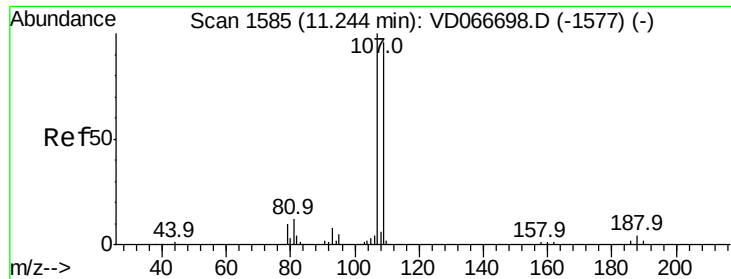
Tot Ion: 43 Resp: 462603
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5



#60
Dibromochloromethane
Concen: 53.035 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion: 129 Resp: 233856
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3

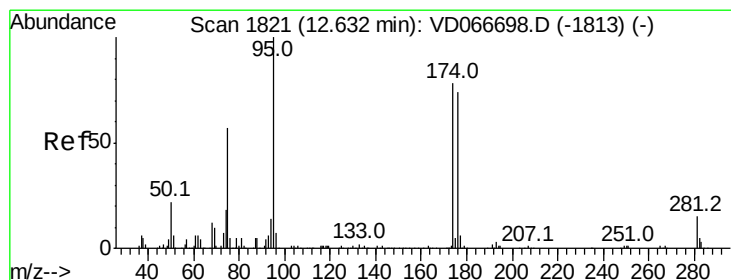
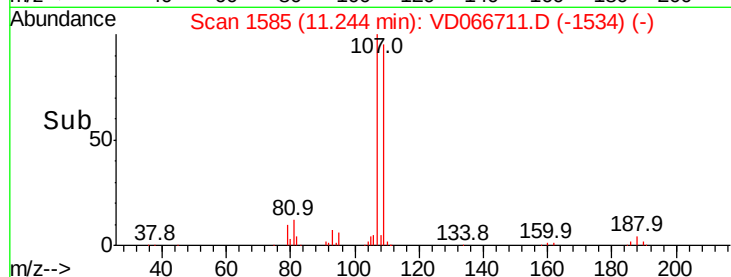
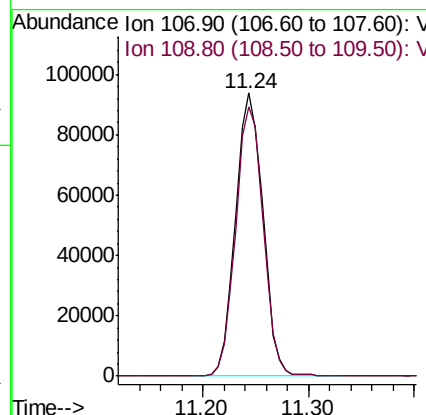
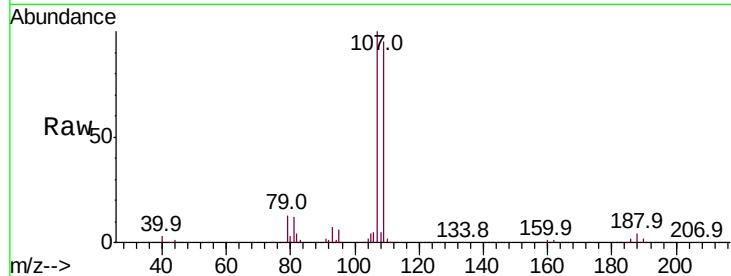




#61
 1,2-Dibromoethane
 Concen: 51.818 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

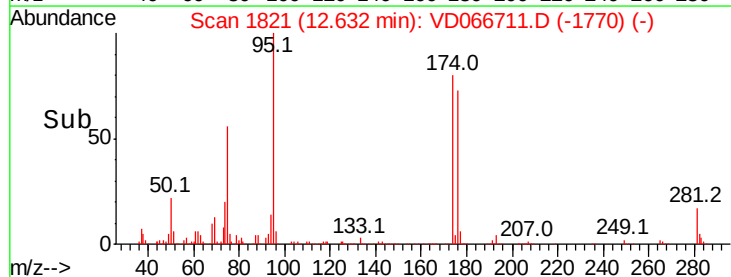
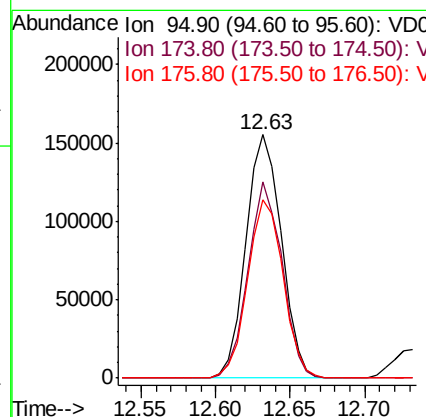
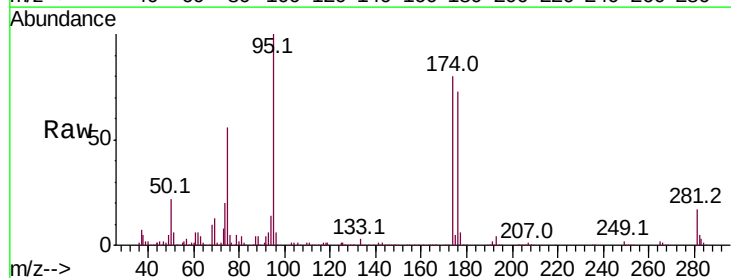
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

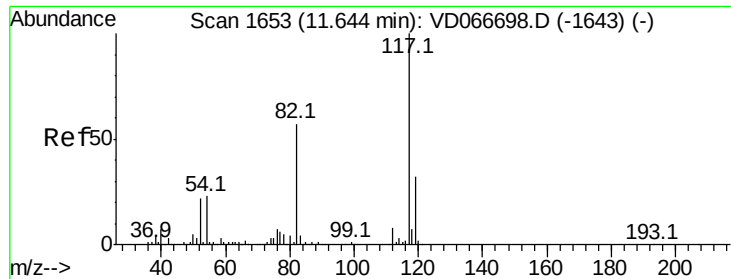
Tot Ion:107 Resp: 168213
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.907 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion: 95 Resp: 255605
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 156.6
 176 73.3 0.0 150.2

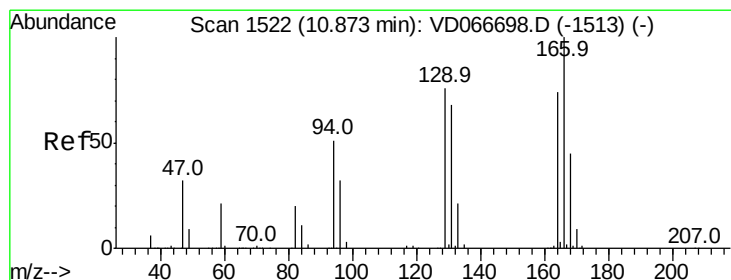
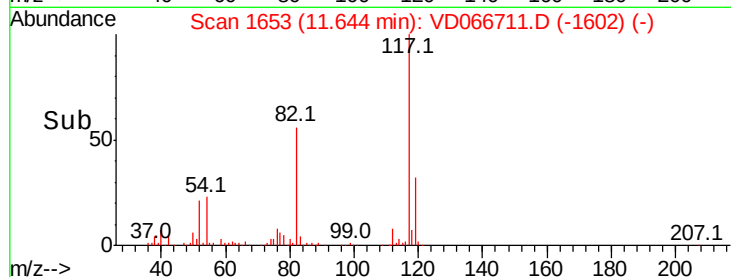
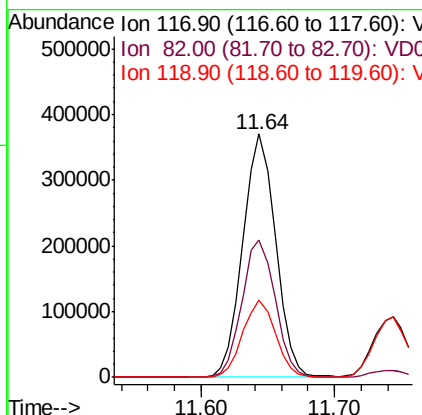
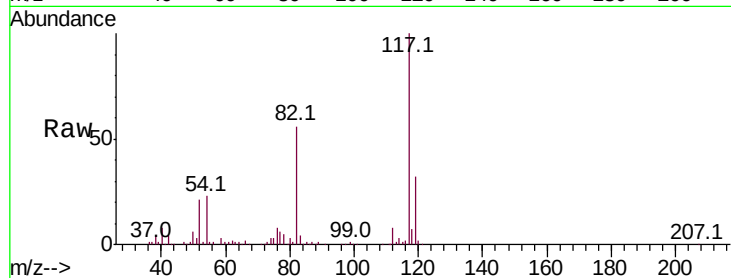




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

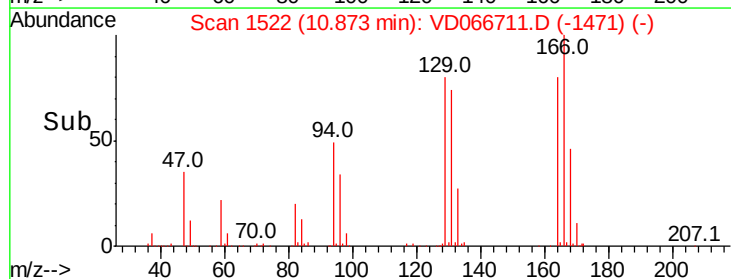
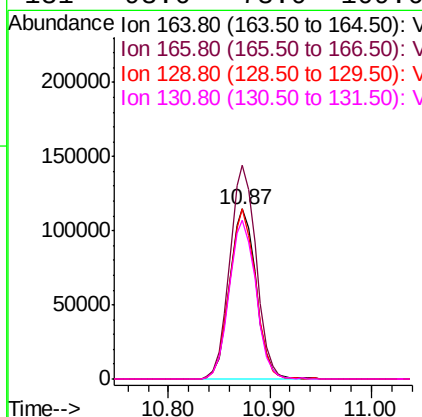
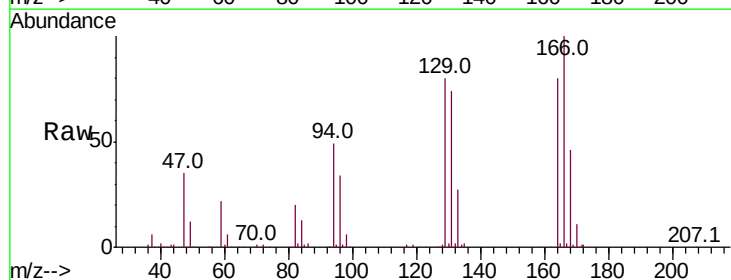
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

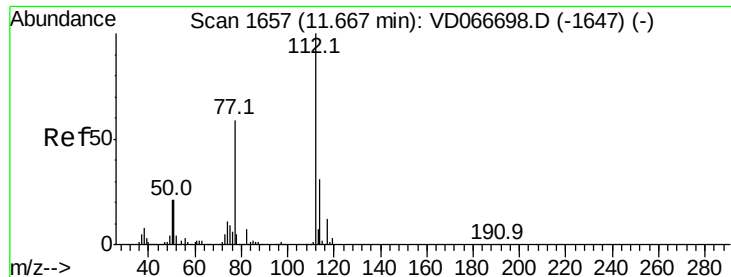
Tot Ion:117 Resp: 630396
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 48.186 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion:164 Resp: 207358
Ion Ratio Lower Upper
164 100
166 125.8 107.5 161.3
129 100.5 81.4 122.0
131 93.6 73.0 109.6





#65

Chlorobenzene

Concen: 48.582 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

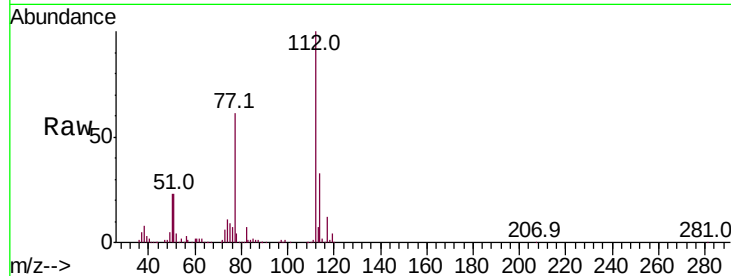
VSTDCCC050EC

Tot Ion:112 Resp: 634089

Ion Ratio Lower Upper

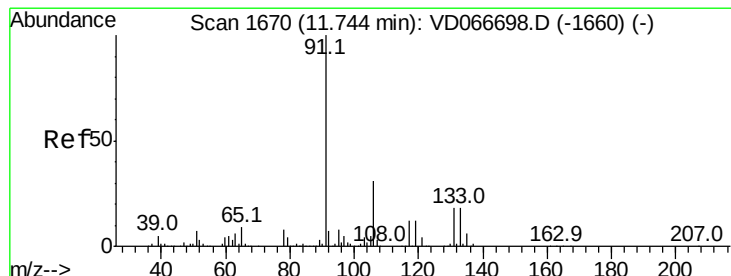
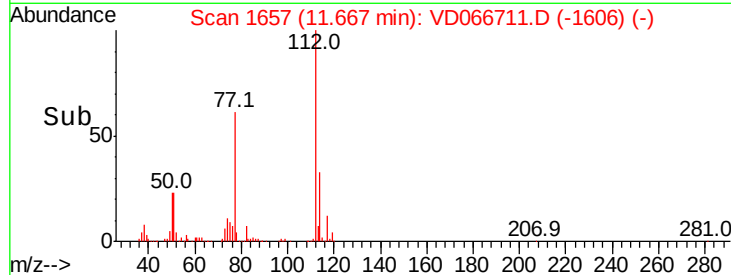
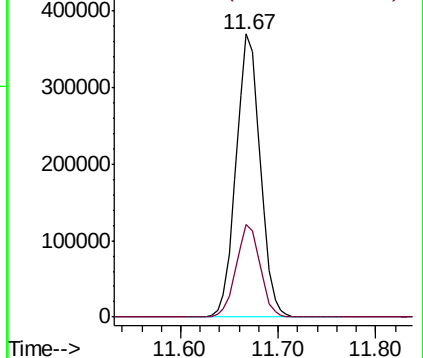
112 100

114 32.7 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.515 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

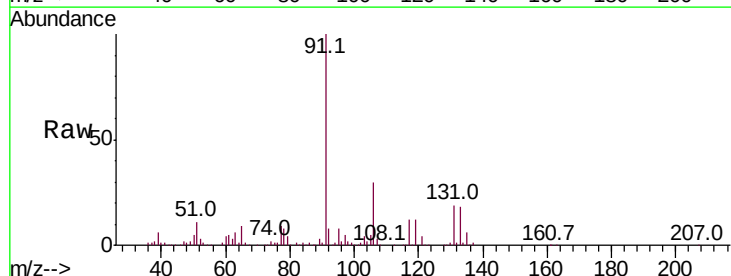
Tgt Ion:131 Resp: 248078

Ion Ratio Lower Upper

131 100

133 93.6 47.8 143.3

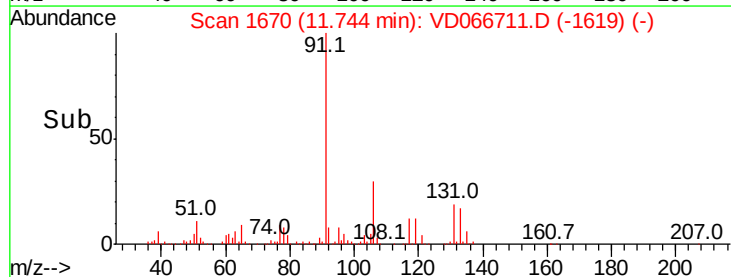
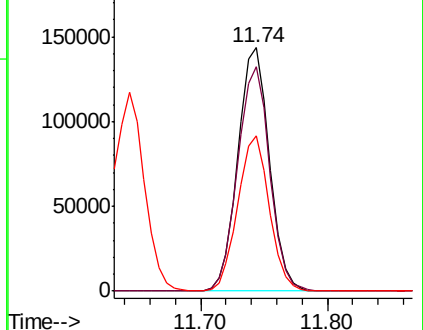
119 63.8 33.6 100.8

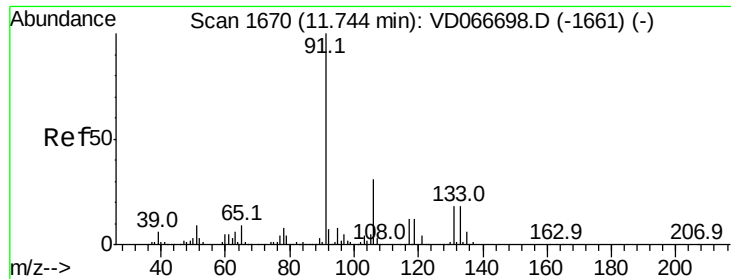


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.942 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

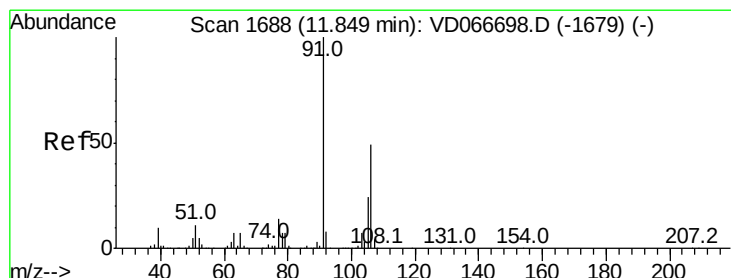
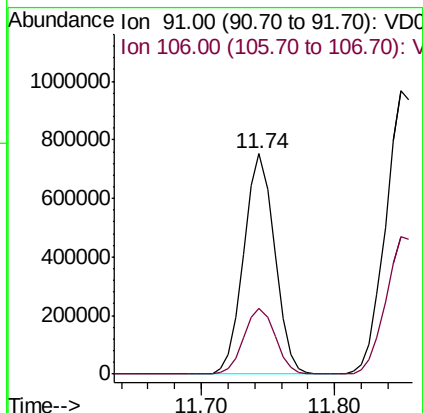
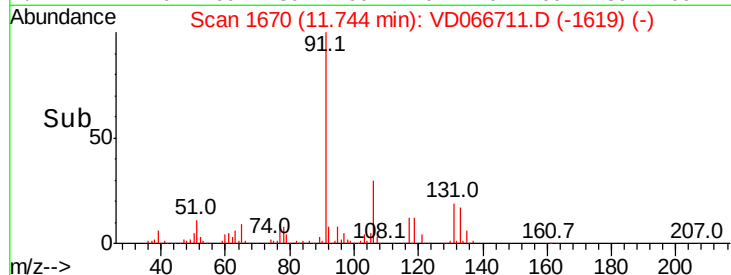
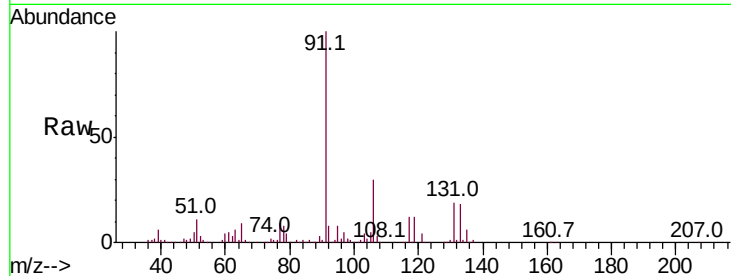
VSTDCCC050EC

Tot Ion: 91 Resp: 1204333

Ion Ratio Lower Upper

91 100

106 29.9 25.1 37.7



#68

m/p-Xylenes

Concen: 100.677 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066711.D

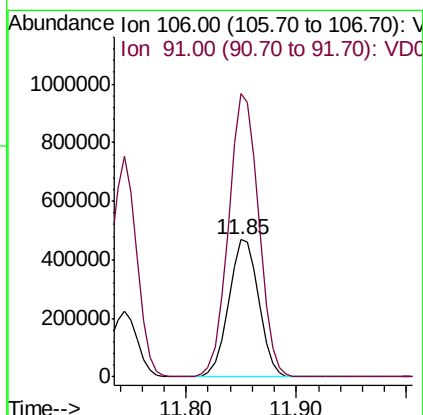
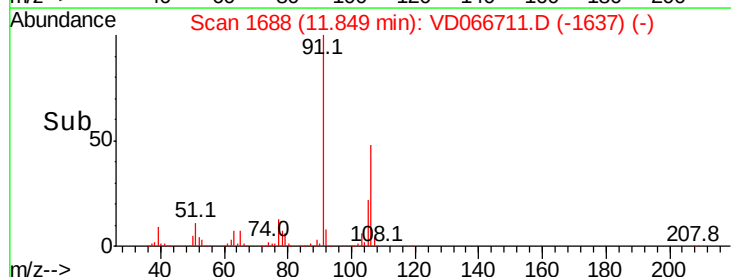
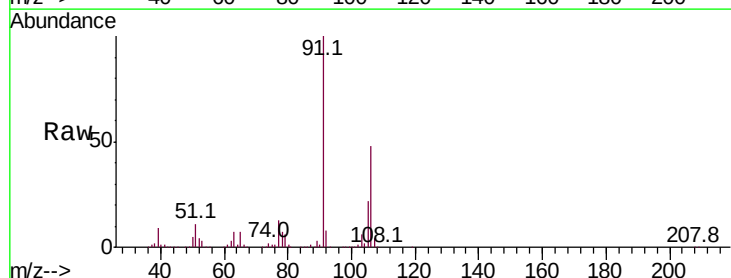
Acq: 15 Sep 2020 22:05

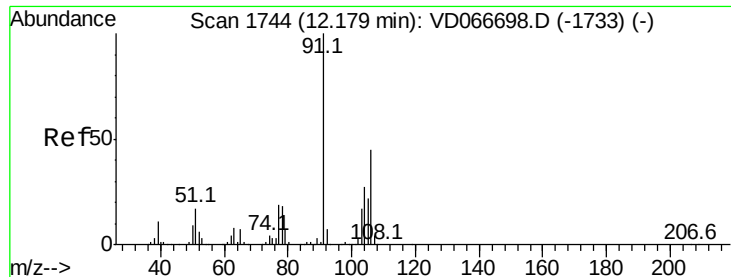
Tgt Ion:106 Resp: 899559

Ion Ratio Lower Upper

106 100

91 205.7 164.8 247.2

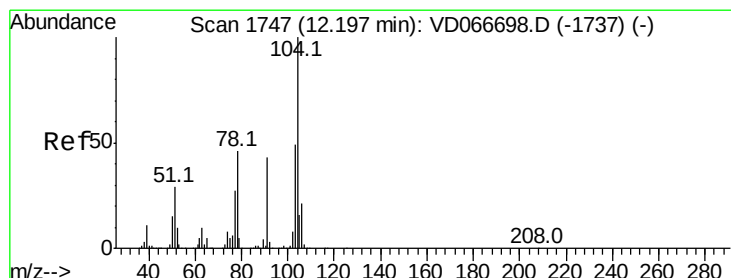
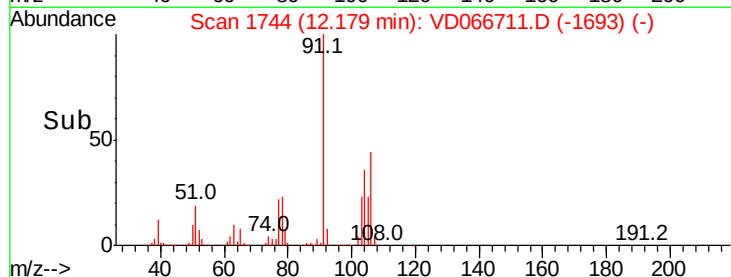
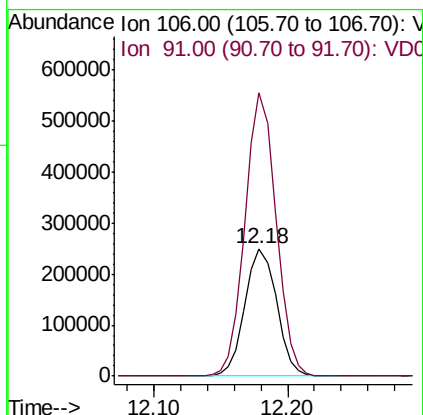
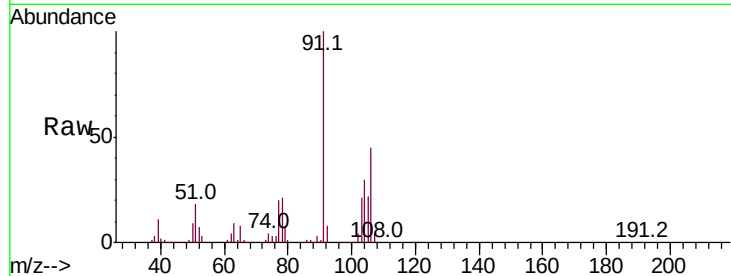




#69
o-Xylene
Concen: 52.045 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

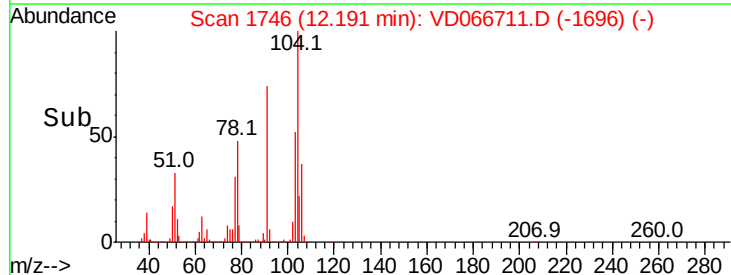
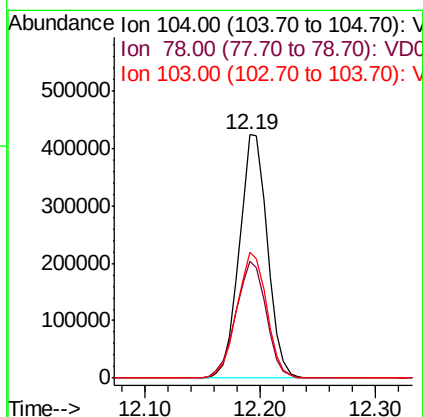
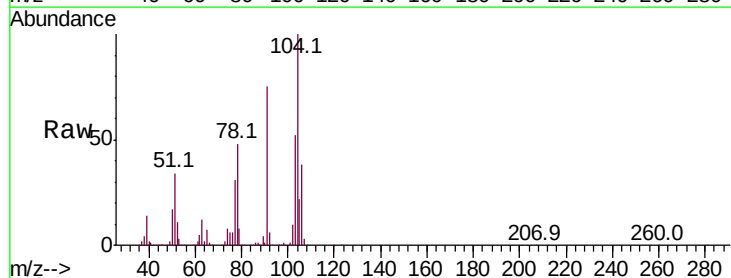
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

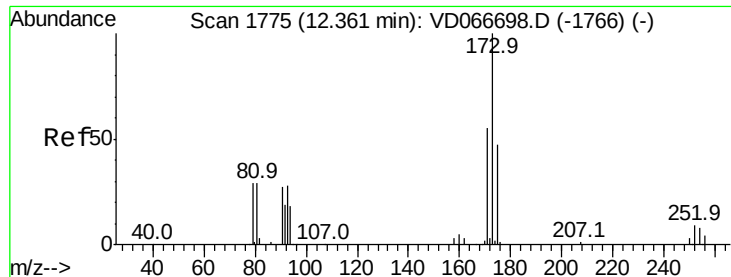
Tot Ion:106 Resp: 410947
Ion Ratio Lower Upper
106 100
91 217.0 109.4 328.2



#70
Styrene
Concen: 51.571 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion:104 Resp: 716693
Ion Ratio Lower Upper
104 100
78 51.8 40.2 60.4
103 54.7 42.5 63.7





#71

Bromoform

Concen: 51.233 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

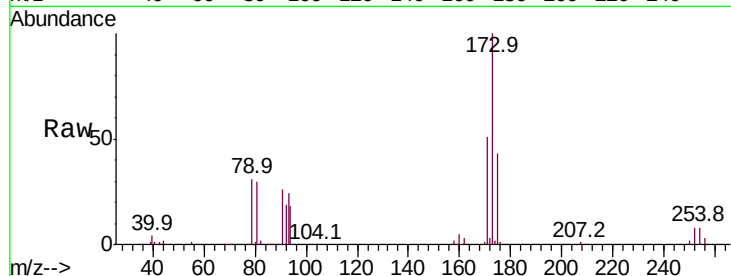
Tot Ion:173 Resp: 123818

Ion Ratio Lower Upper

173 100

175 45.6 24.3 72.8

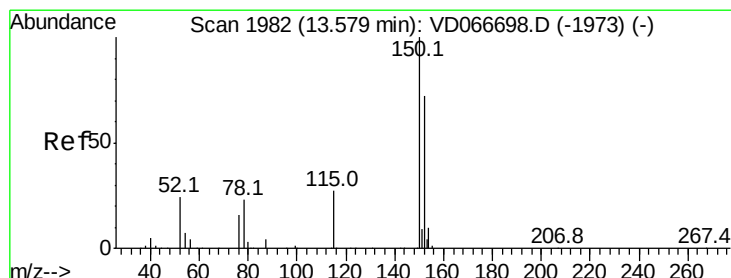
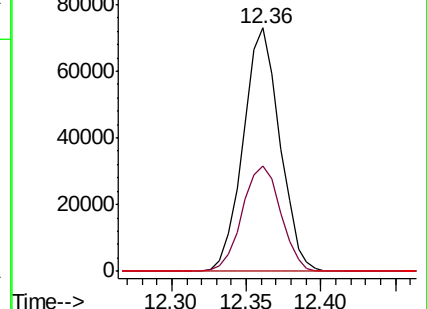
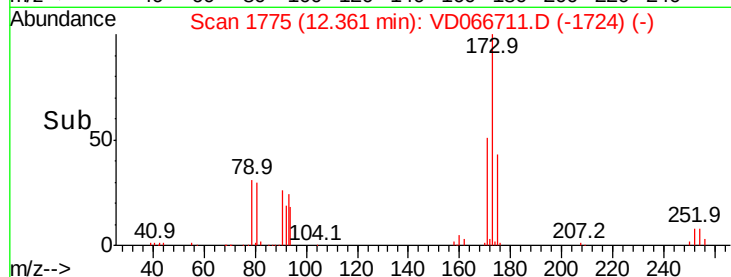
254 0.1 0.1 0.1



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: VD066711.D

Acq: 15 Sep 2020 22:05

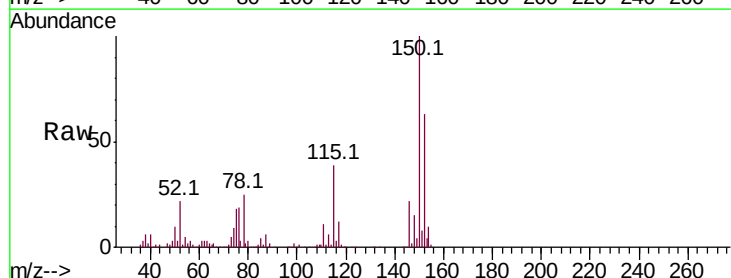
Tgt Ion:152 Resp: 293137

Ion Ratio Lower Upper

152 100

115 62.4 30.5 91.5

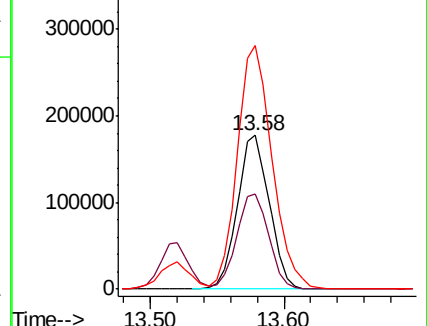
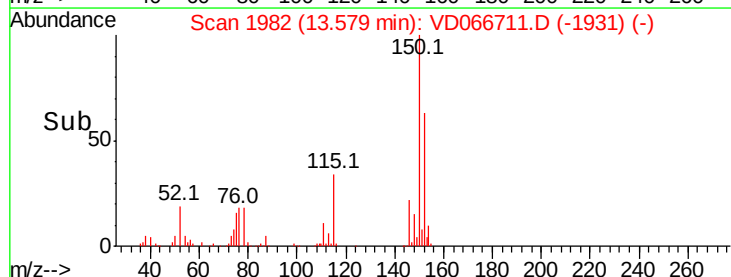
150 173.1 0.0 344.6

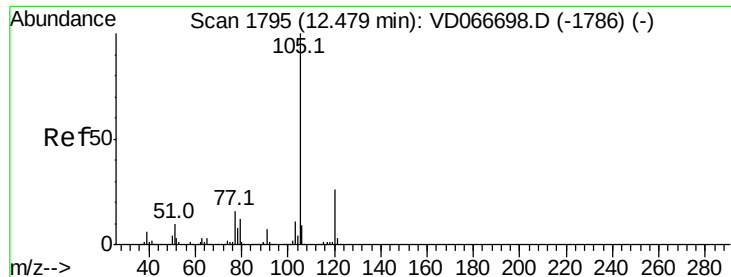


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.221 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

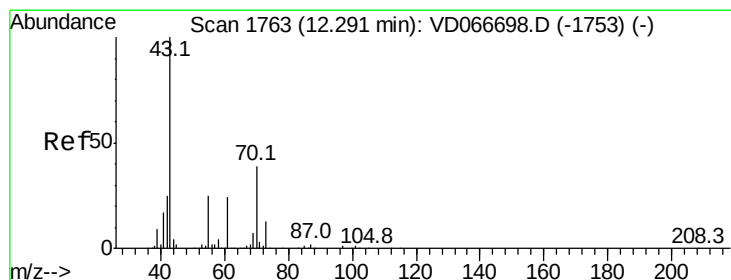
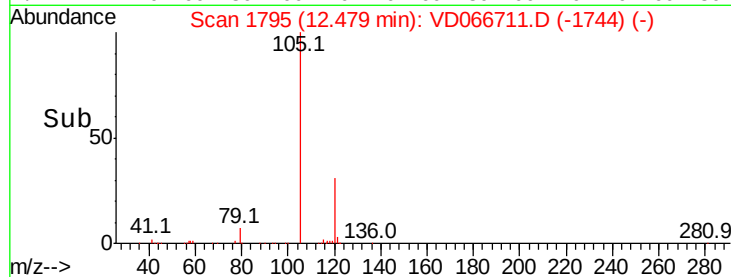
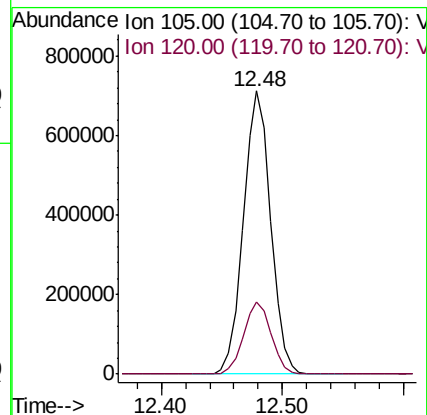
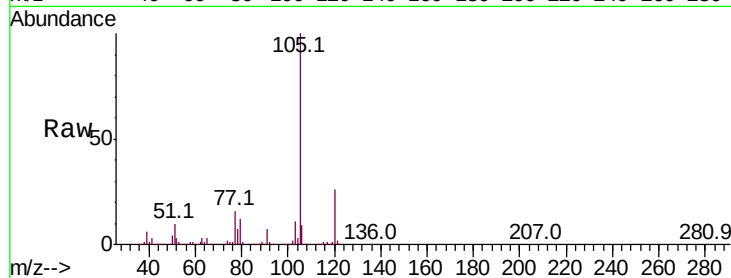
VSTDCCC050EC

Tot Ion:105 Resp: 1120891

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 51.619 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion: 43 Resp: 238284

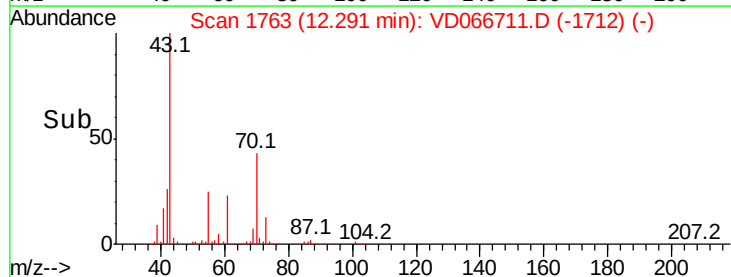
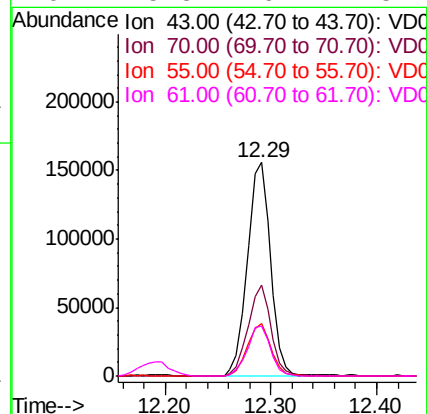
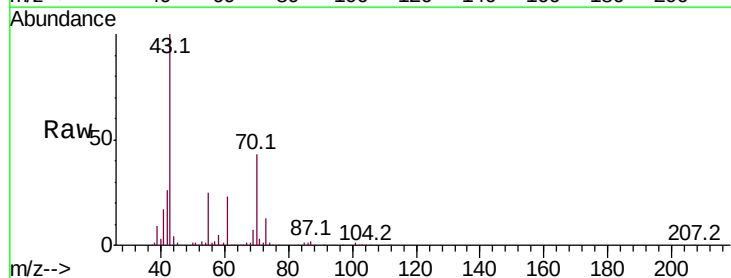
Ion Ratio Lower Upper

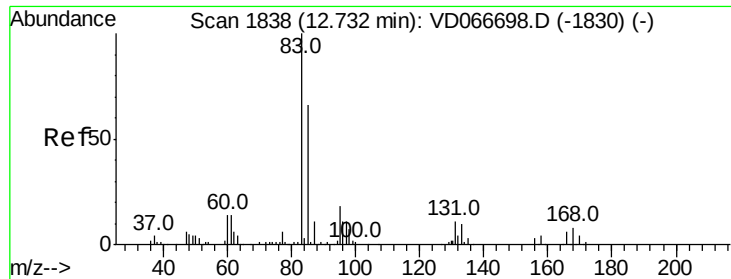
43 100

70 41.6 33.0 49.4

55 25.2 20.6 30.8

61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.218 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

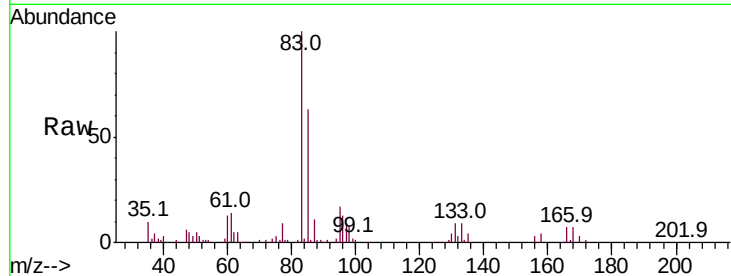
Tot Ion: 83 Resp: 179300

Ion Ratio Lower Upper

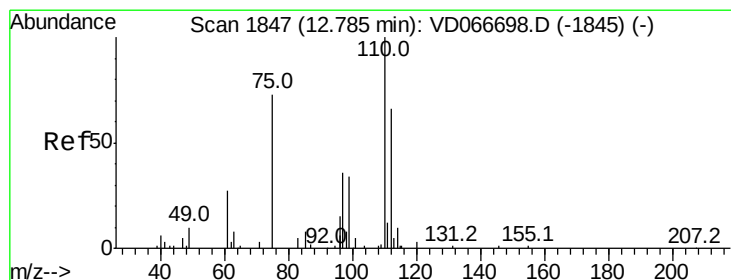
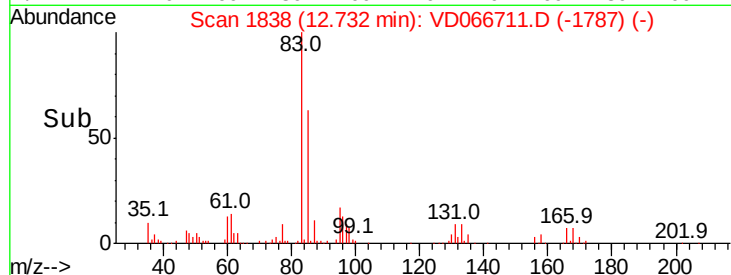
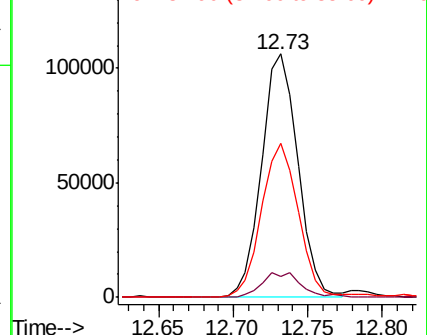
83 100

131 11.2 5.8 17.3

85 63.9 33.3 99.8



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: 97.961 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066711.D

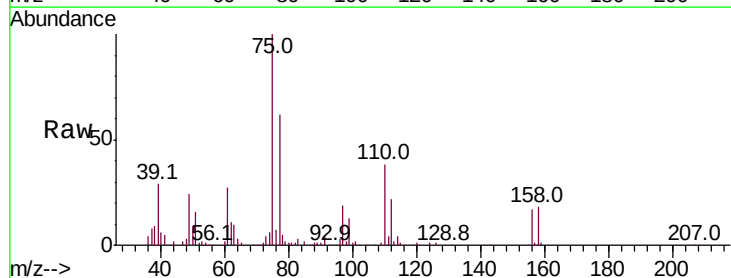
Acq: 15 Sep 2020 22:05

Tgt Ion: 75 Resp: 245797

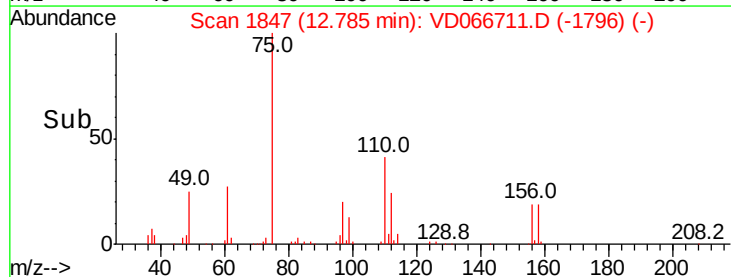
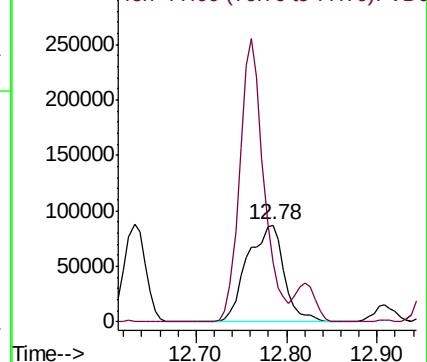
Ion Ratio Lower Upper

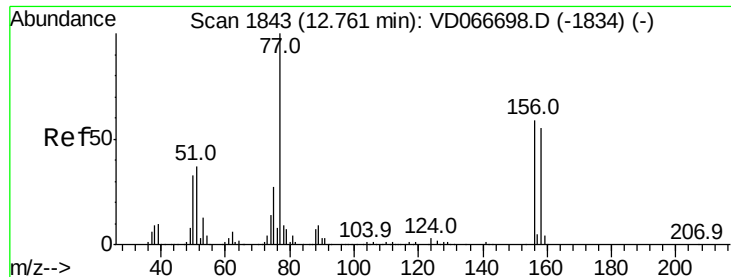
75 100

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: 48.756 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

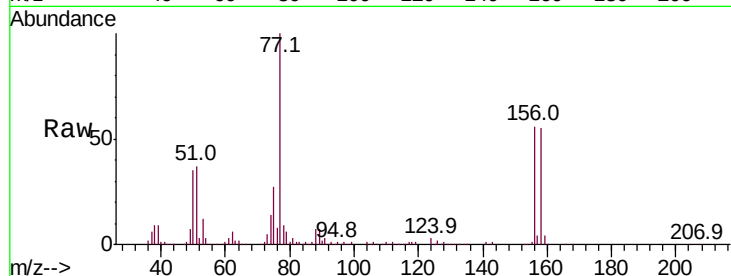
Tot Ion:156 Resp: 245914

Ion Ratio Lower Upper

156 100

77 193.6 95.8 287.3

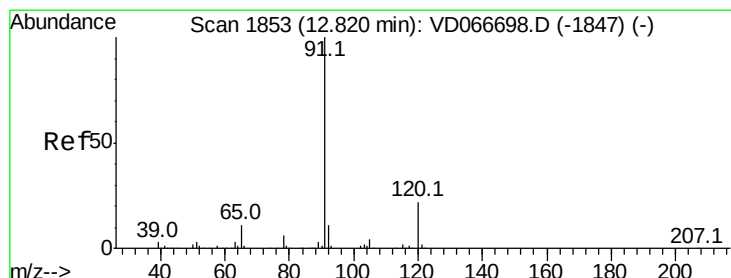
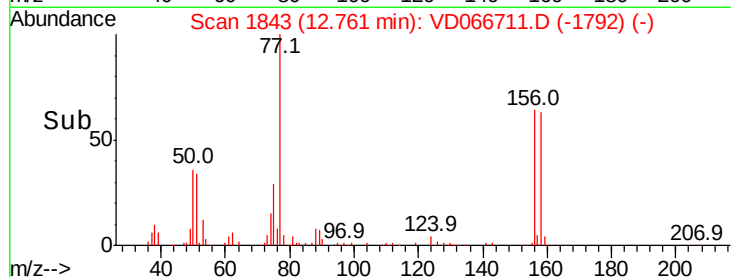
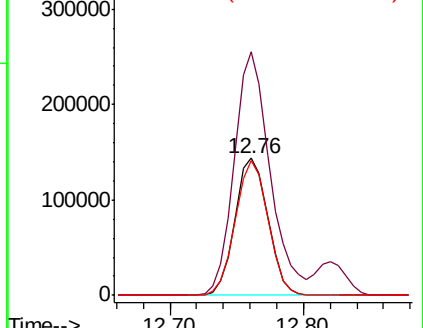
158 97.5 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.034 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066711.D

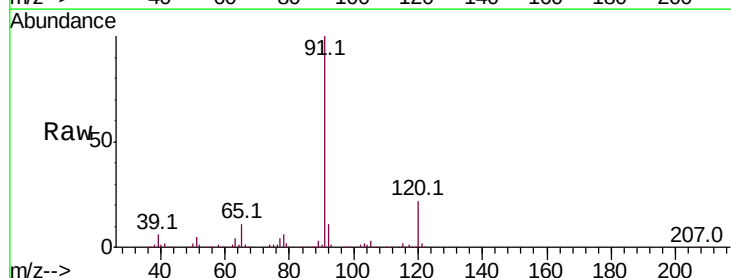
Acq: 15 Sep 2020 22:05

Tgt Ion: 91 Resp: 1334708

Ion Ratio Lower Upper

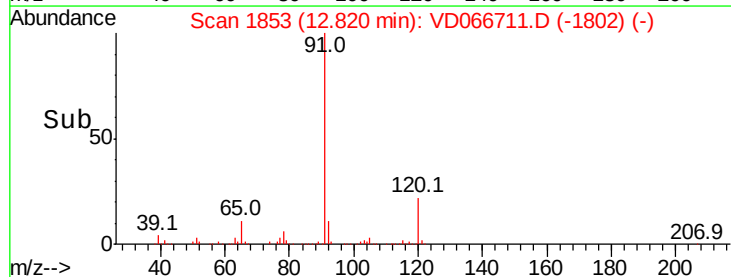
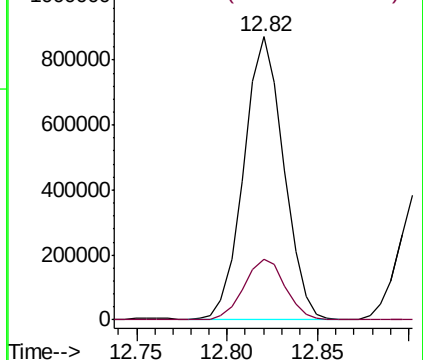
91 100

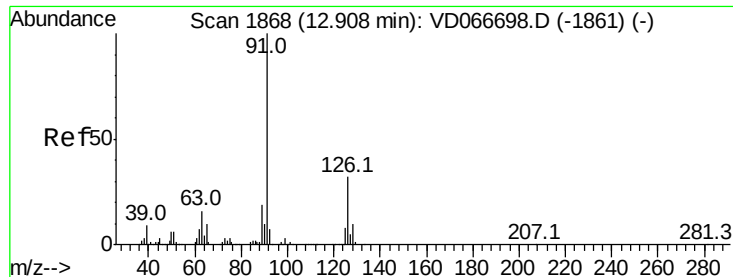
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.482 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

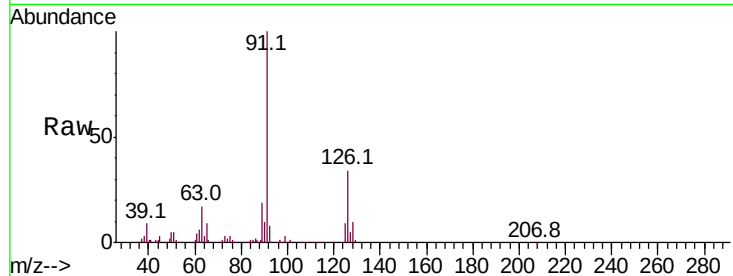
VSTDCCC050EC

Tot Ion: 91 Resp: 746392

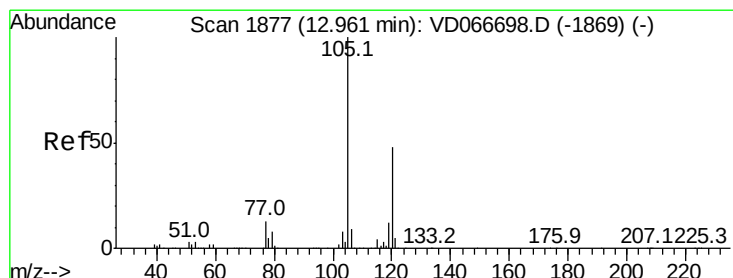
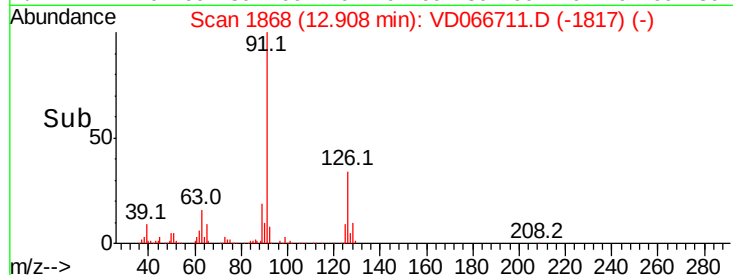
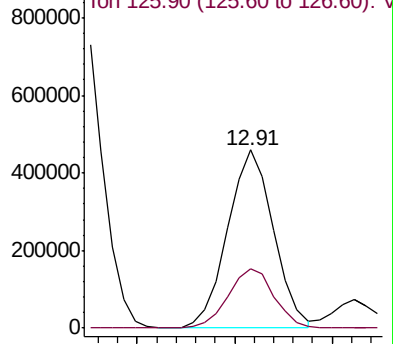
Ion Ratio Lower Upper

91 100

126 33.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VD066711.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.475 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066711.D

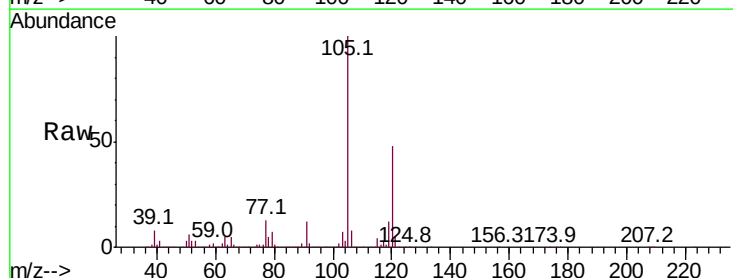
Acq: 15 Sep 2020 22:05

Tgt Ion:105 Resp: 933933

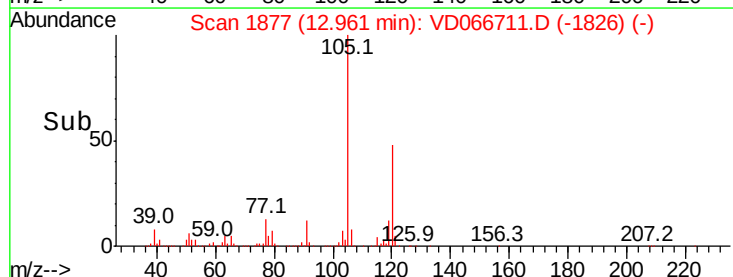
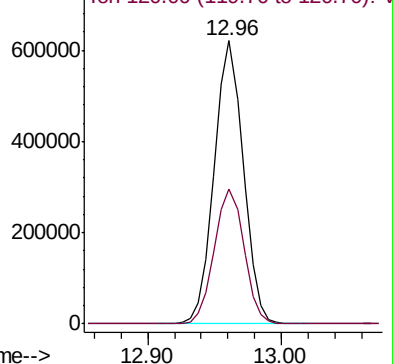
Ion Ratio Lower Upper

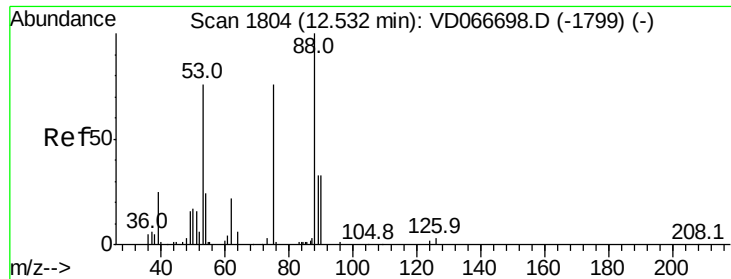
105 100

120 49.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VD066711.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.973 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

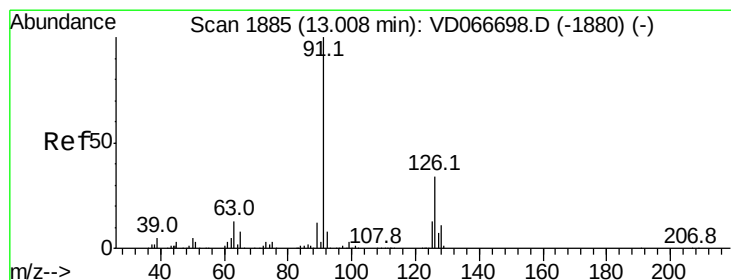
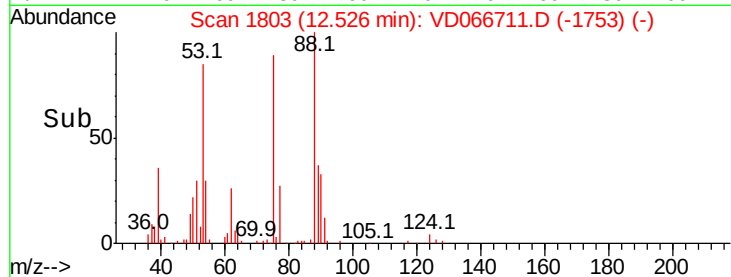
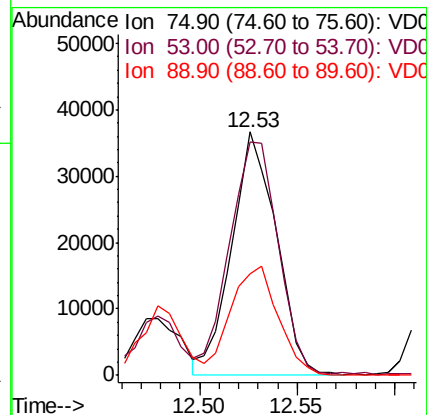
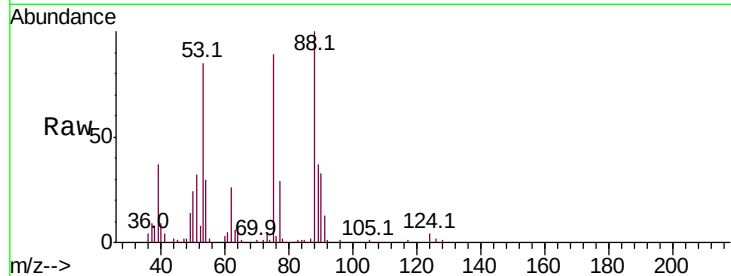
Tot Ion: 75 Resp: 58100

Ion Ratio Lower Upper

75 100

53 105.6 82.2 123.4

89 47.5 39.6 59.4



#82

4-Chlorotoluene

Concen: 49.838 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066711.D

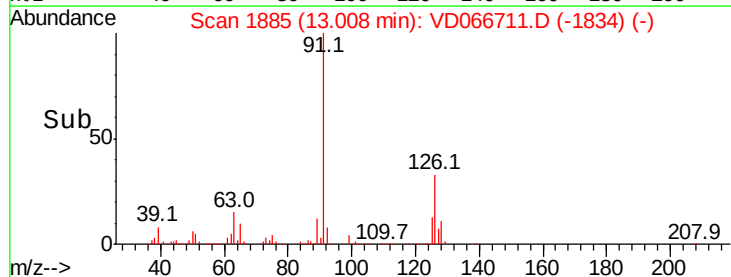
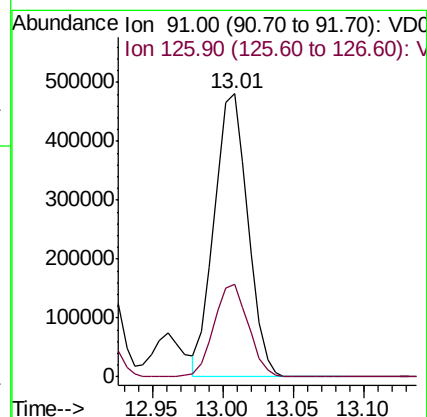
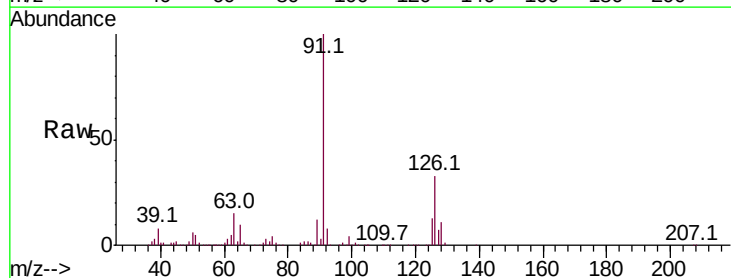
Acq: 15 Sep 2020 22:05

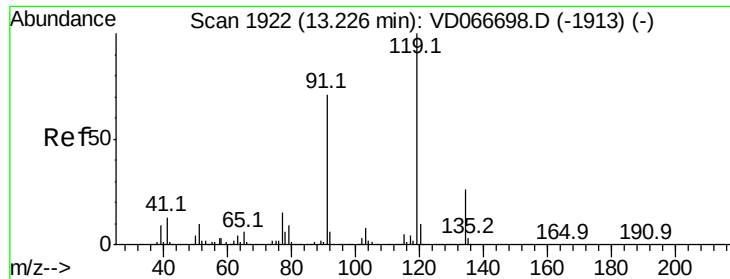
Tgt Ion: 91 Resp: 794883

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.4

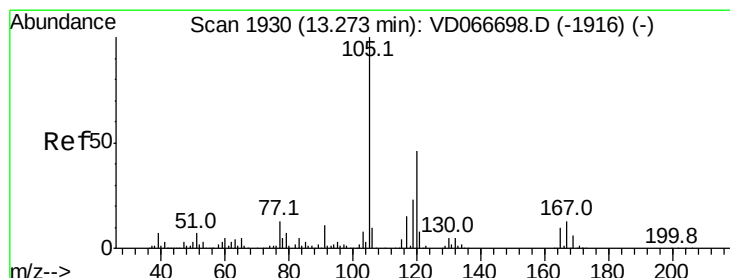
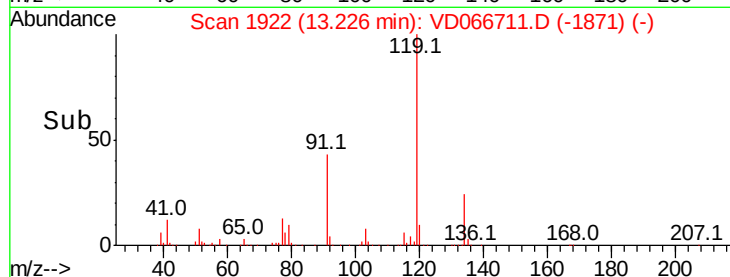
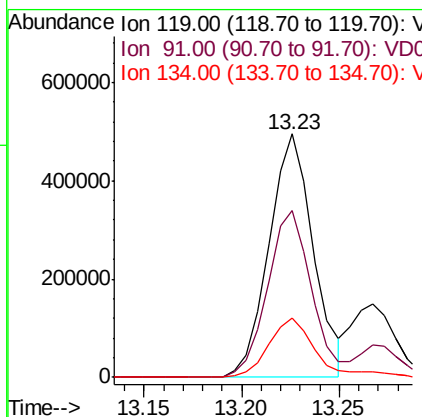
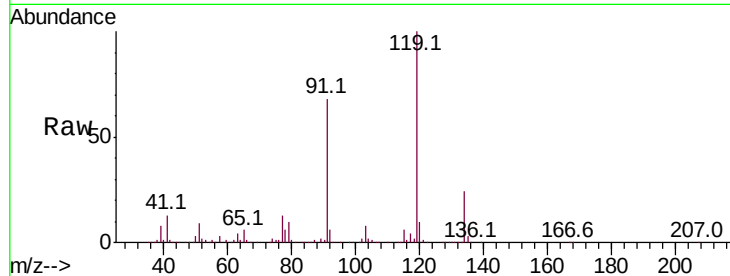




#83
 tert-Butylbenzene
 Concen: 51.044 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

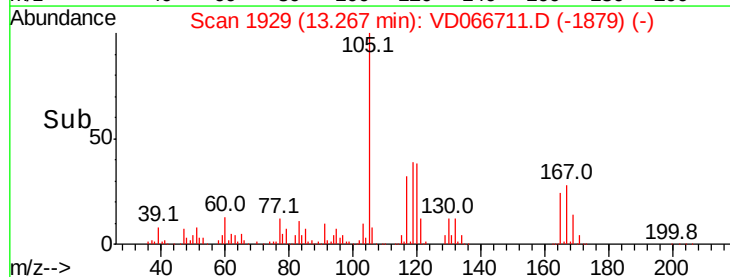
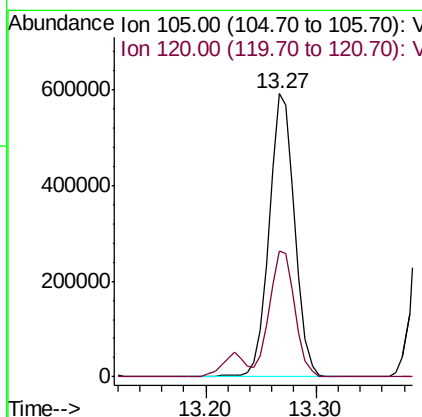
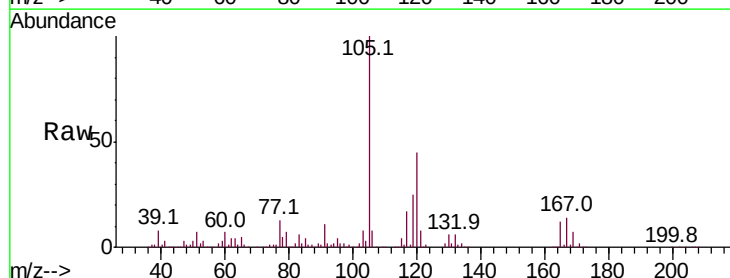
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

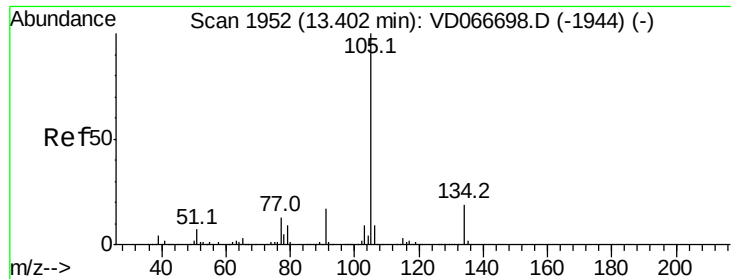
Tot Ion:119 Resp: 778440
 Ion Ratio Lower Upper
 119 100
 91 68.9 35.0 105.1
 134 26.0 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 51.484 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion:105 Resp: 952011
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 49.263 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

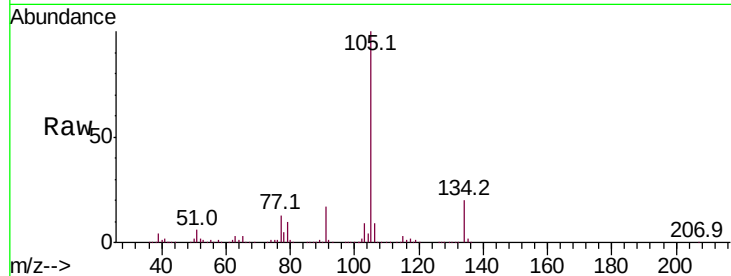
VSTDCCC050EC

Tot Ion:105 Resp: 1077050

Ion Ratio Lower Upper

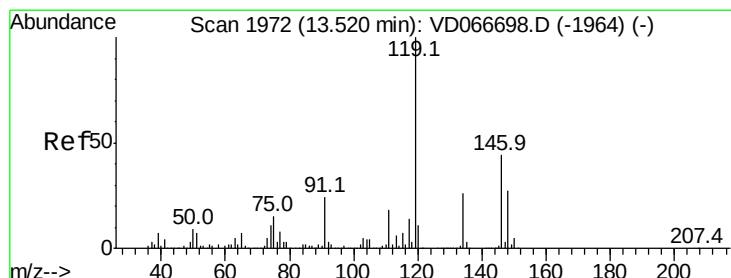
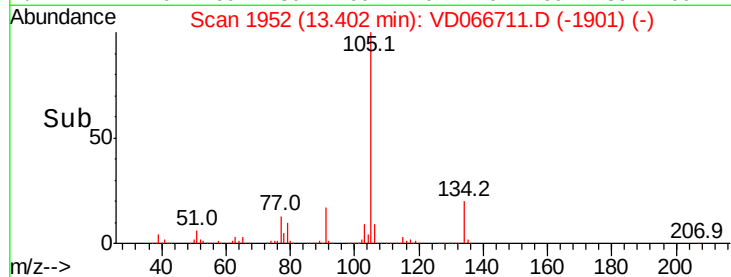
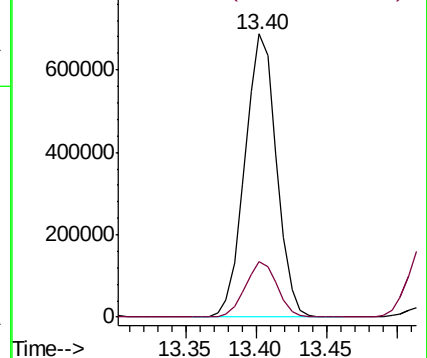
105 100

134 19.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.508 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

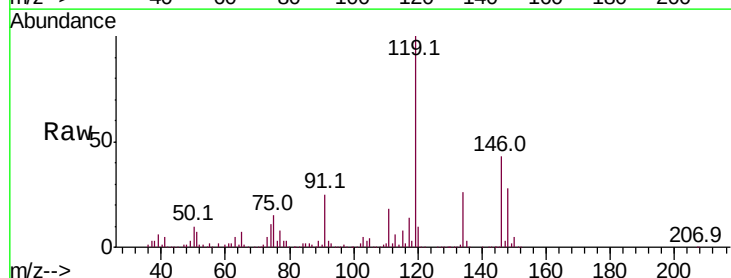
Tgt Ion:119 Resp: 1003916

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

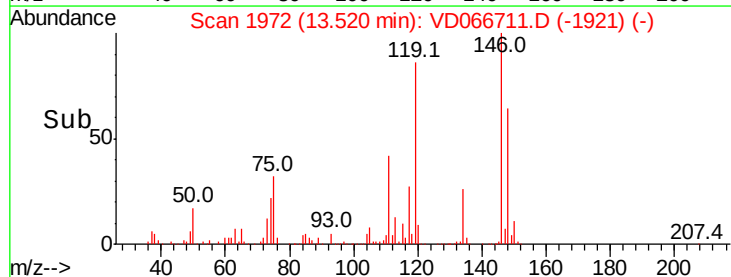
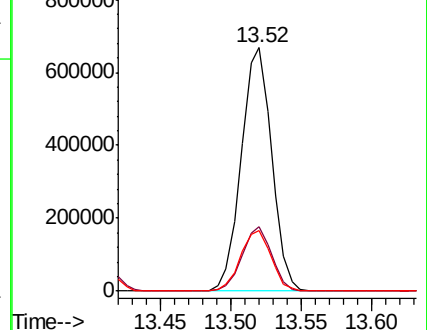
91 25.1 12.3 36.9

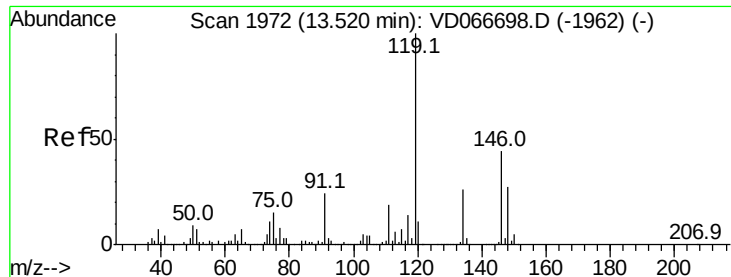


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.900 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

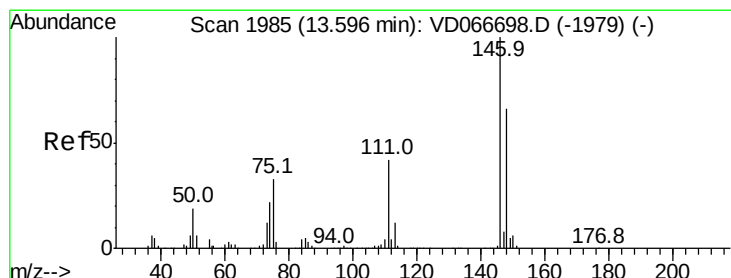
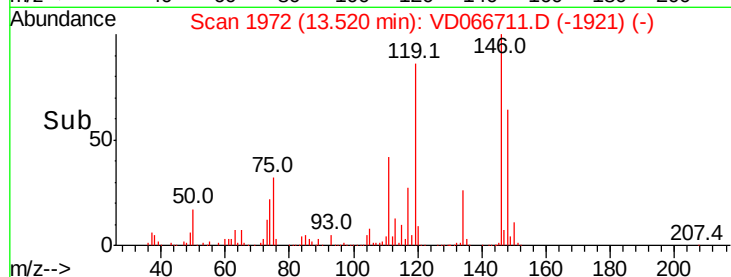
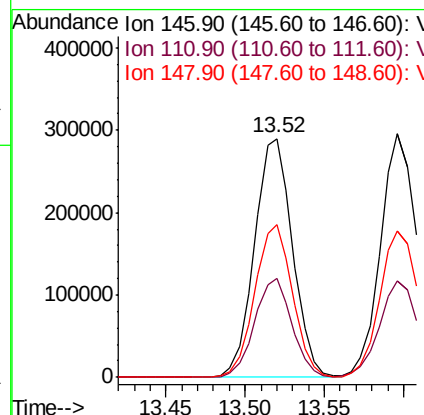
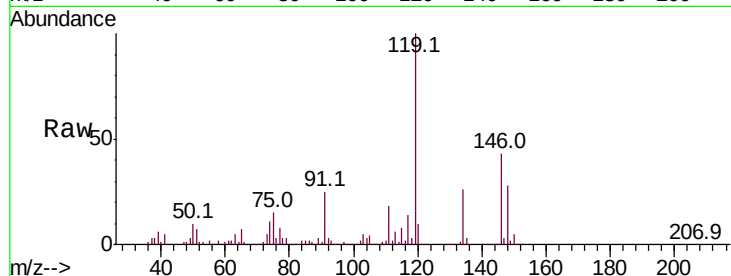
Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 482857

Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.3
148	63.3	31.4	94.2



#88

1,4-Dichlorobenzene

Concen: 49.030 ug/l

RT: 13.60 min Scan# 1985

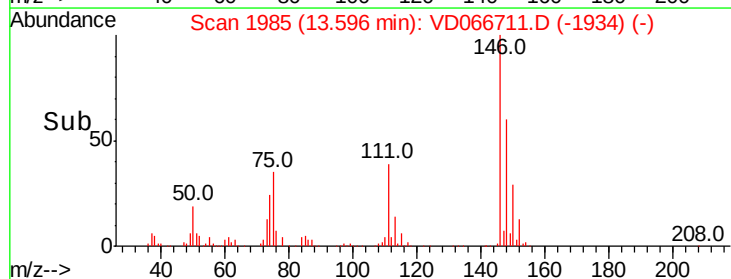
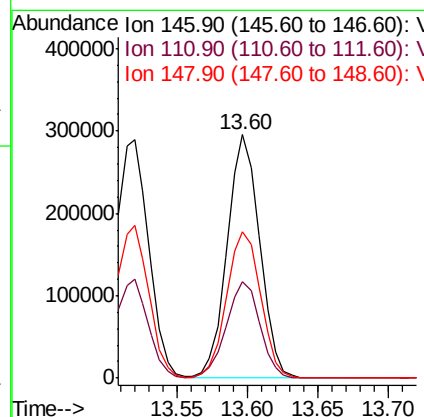
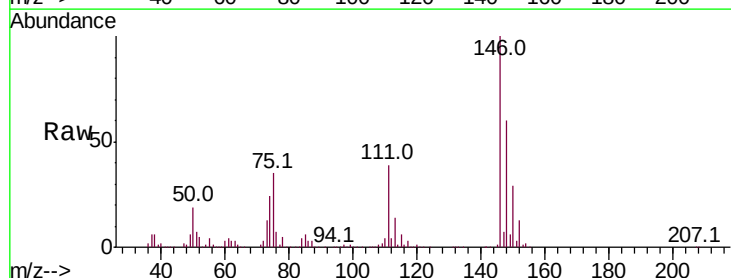
Delta R.T. -0.00 min

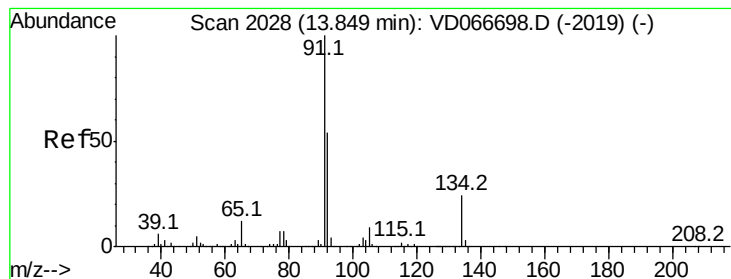
Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Tgt Ion:146 Resp: 472444

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	63.0	32.7	98.1





#89

n-Butylbenzene

Concen: 49.124 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.01 min

Lab File: VD066711.D

Acq: 15 Sep 2020 22:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

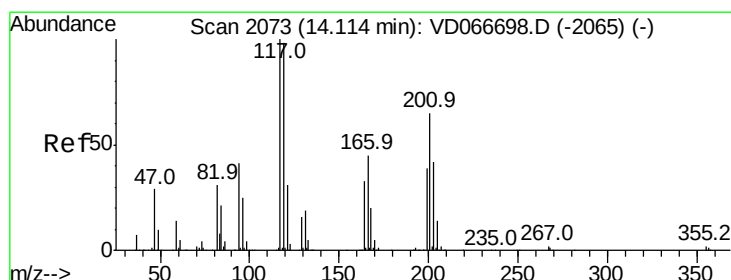
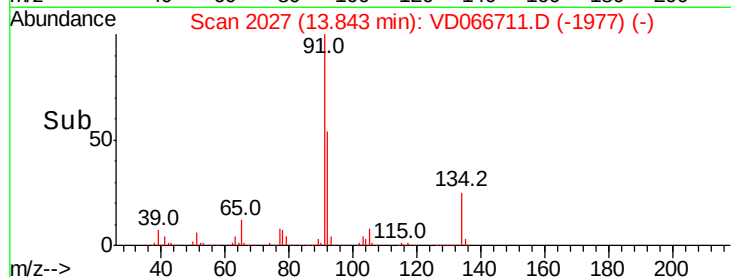
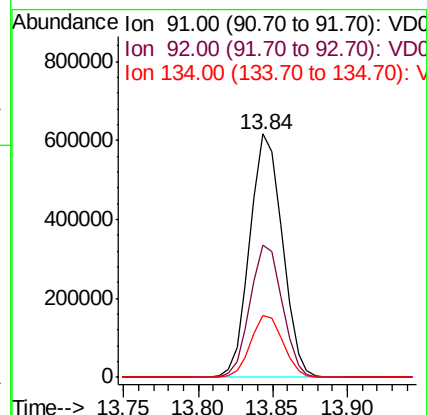
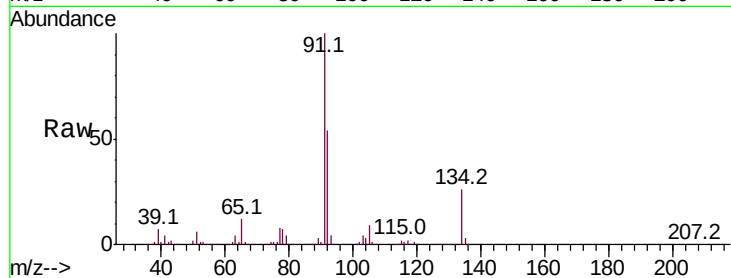
Tot Ion: 91 Resp: 928453

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

134 25.4 12.4 37.0



#90

Hexachloroethane

Concen: 48.903 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066711.D

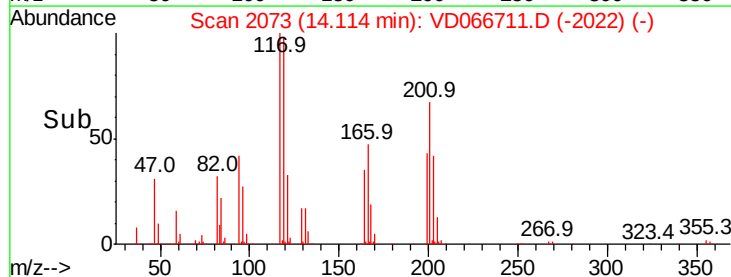
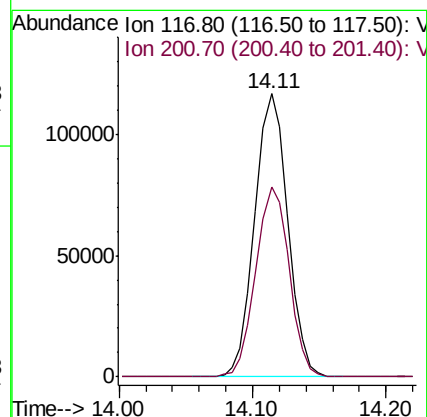
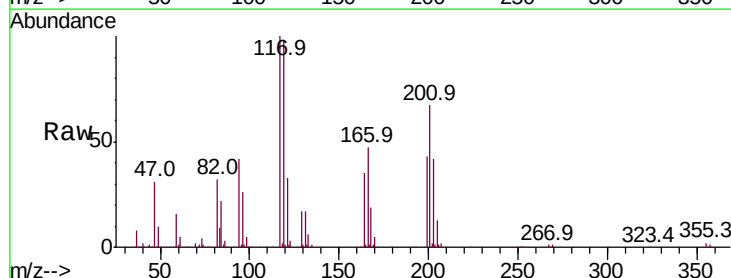
Acq: 15 Sep 2020 22:05

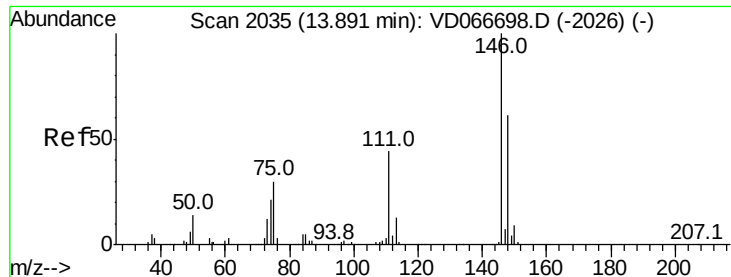
Tgt Ion: 117 Resp: 199679

Ion Ratio Lower Upper

117 100

201 67.8 33.1 99.3

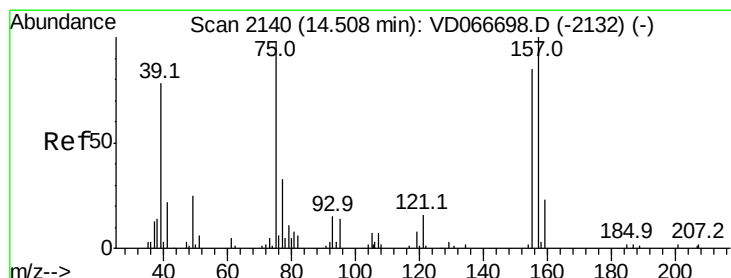
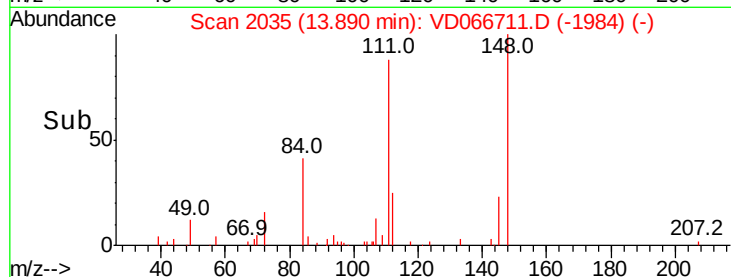
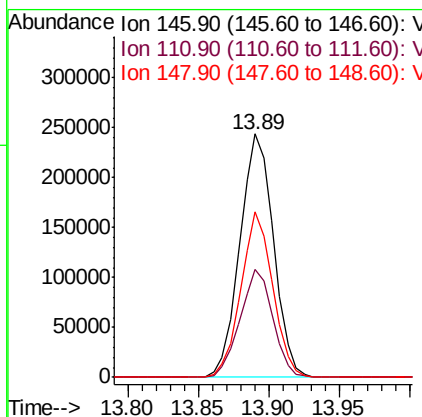
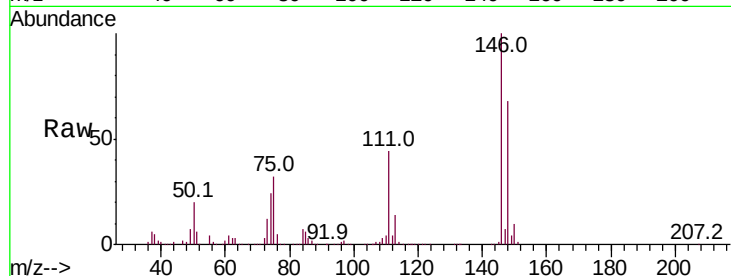




#91
 1,2-Dichlorobenzene
 Concen: 49.107 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

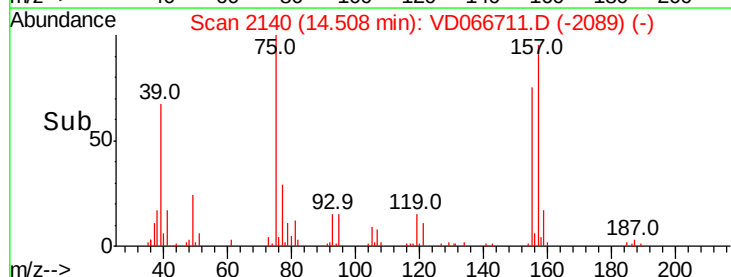
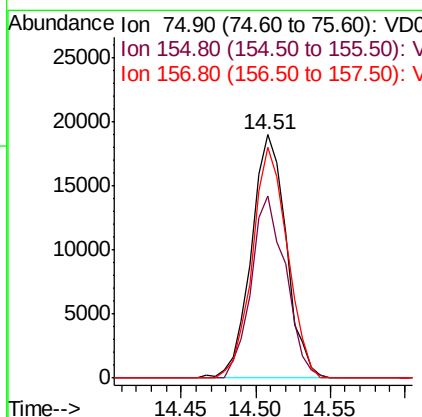
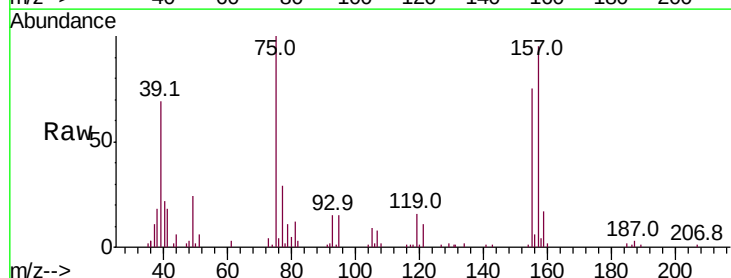
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

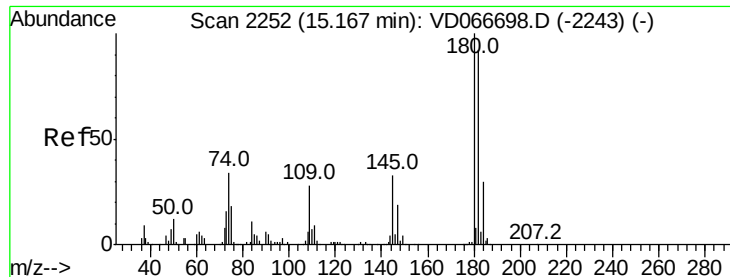
Tot Ion:146 Resp: 407162
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 64.3 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.083 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion: 75 Resp: 30706
 Ion Ratio Lower Upper
 75 100
 155 73.7 38.9 116.7
 157 94.8 46.4 139.2

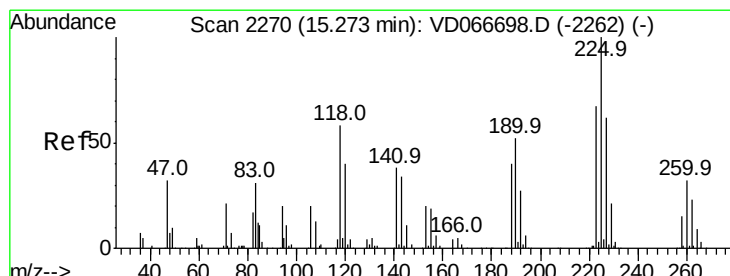
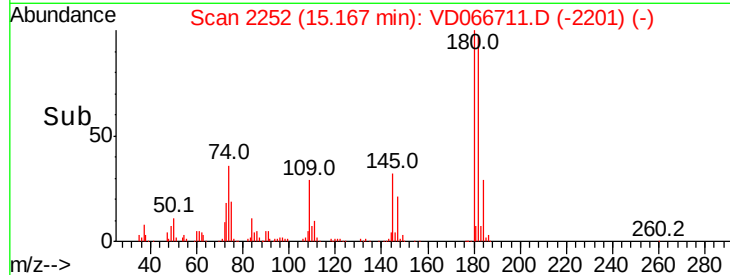
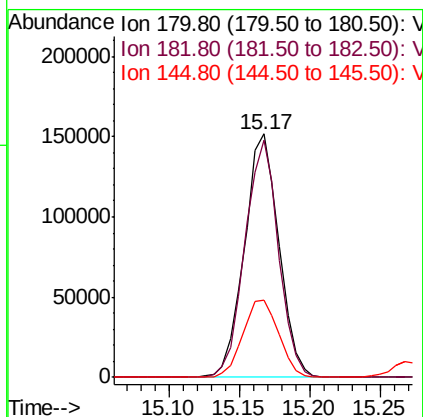
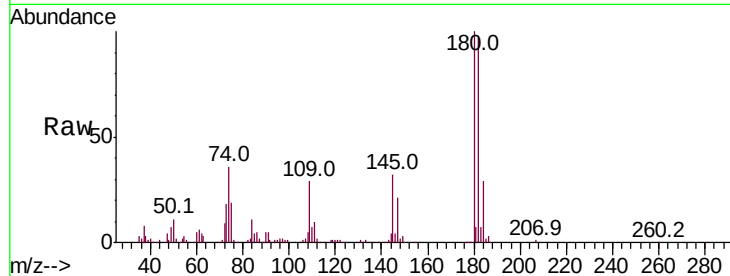




#93
 1,2,4-Trichlorobenzene
 Concen: 51.887 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

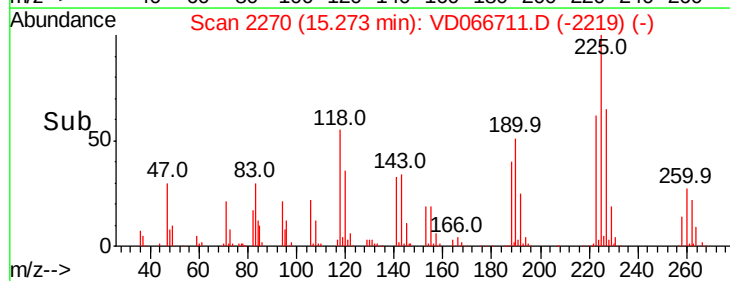
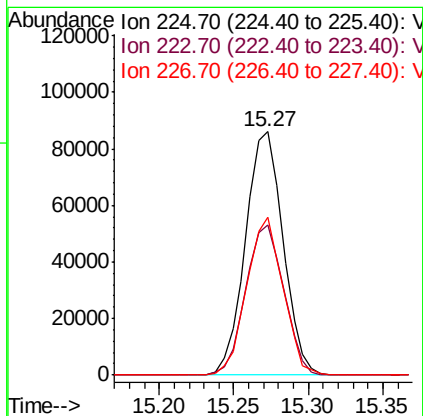
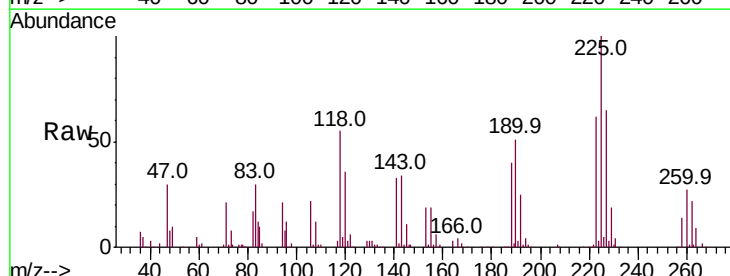
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

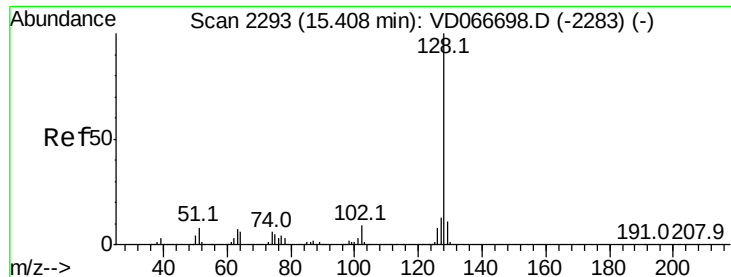
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.6	139.7
145	32.9	16.5	49.5



#94
 Hexachlorobutadiene
 Concen: 49.694 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066711.D
 Acq: 15 Sep 2020 22:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.9
227	62.5	31.3	93.9

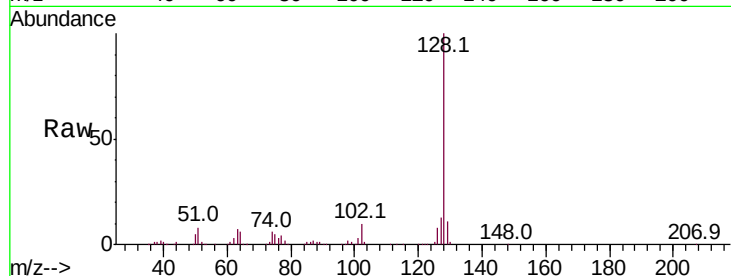




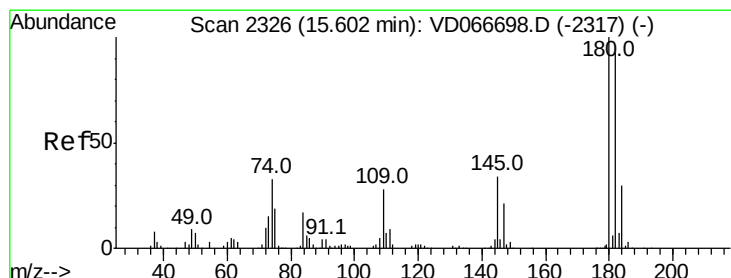
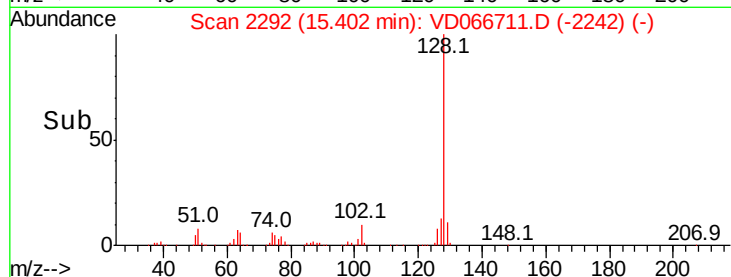
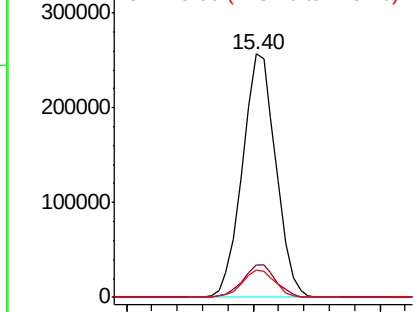
#95
Naphthalene
Concen: 53.724 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 470726
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.6 12.8

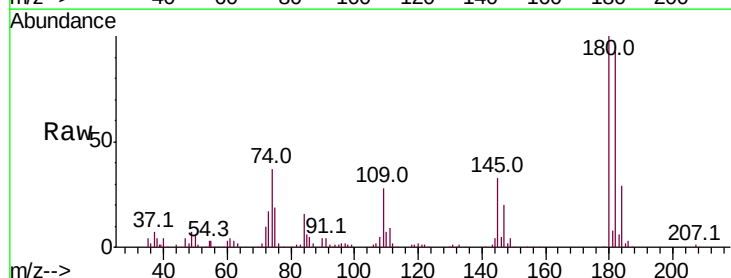


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.742 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066711.D
Acq: 15 Sep 2020 22:05

Tgt Ion:180 Resp: 222264
Ion Ratio Lower Upper
180 100
182 96.3 46.6 139.8
145 35.7 17.1 51.3



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

