

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073248.D
 Acq On : 22 May 2022 00:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 01:36:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	324573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	563783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	545320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190418	53.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.180%	
35) Dibromofluoromethane	7.902	113	196625	52.853	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.700%	
50) Toluene-d8	10.331	98	722084	52.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.620	95	253417	52.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	126641	39.048	ug/l	99
3) Chloromethane	2.208	50	144833	39.493	ug/l	97
4) Vinyl Chloride	2.344	62	132927	39.639	ug/l	96
5) Bromomethane	2.755	94	97634	45.012	ug/l	99
6) Chloroethane	2.908	64	89706	43.515	ug/l	99
7) Trichlorofluoromethane	3.261	101	260760	43.976	ug/l	99
8) Diethyl Ether	3.702	74	81534	50.040	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	155428	43.931	ug/l	97
10) Methyl Iodide	4.291	142	164192	43.014	ug/l	98
11) Tert butyl alcohol	5.214	59	70622	126.899	ug/l #	83
12) 1,1-Dichloroethene	4.055	96	145468	44.597	ug/l	84
13) Acrolein	3.920	56	60942	279.377	ug/l	98
14) Allyl chloride	4.708	41	243511	46.249	ug/l	91
15) Acrylonitrile	5.414	53	204825	274.906	ug/l	99
16) Acetone	4.155	43	150146	241.663	ug/l	98
17) Carbon Disulfide	4.402	76	442718	40.942	ug/l	99
18) Methyl Acetate	4.714	43	96357	55.773	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	396929	53.415	ug/l	98
20) Methylene Chloride	4.955	84	195753	49.644	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	183308	46.479	ug/l	92
22) Diisopropyl ether	6.355	45	571538	51.782	ug/l #	94
23) Vinyl Acetate	6.296	43	1589489	269.984	ug/l #	95
24) 1,1-Dichloroethane	6.255	63	331926	46.851	ug/l	99
25) 2-Butanone	7.208	43	250112	275.153	ug/l	91
26) 2,2-Dichloropropane	7.202	77	229431	37.974	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	215344	49.346	ug/l	87
28) Bromochloromethane	7.537	49	129858	53.204	ug/l #	81
29) Tetrahydrofuran	7.561	42	163439	278.067	ug/l #	90
30) Chloroform	7.702	83	363854	49.194	ug/l	96
31) Cyclohexane	7.979	56	264838	42.250	ug/l	92
32) 1,1,1-Trichloroethane	7.896	97	295351	45.656	ug/l	97
36) 1,1-Dichloropropene	8.102	75	251034	44.866	ug/l	97
37) Ethyl Acetate	7.285	43	115907	52.446	ug/l #	93
38) Carbon Tetrachloride	8.090	117	256316	45.192	ug/l	97
39) Methylcyclohexane	9.349	83	273471	43.857	ug/l	100
40) Benzene	8.343	78	760115	47.138	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	70636	54.857	ug/l	91
42) 1,2-Dichloroethane	8.420	62	220693	49.187	ug/l	96
43) Isopropyl Acetate	8.443	43	224894	55.054	ug/l #	94
44) Trichloroethene	9.108	130	197837	46.008	ug/l	94
45) 1,2-Dichloropropane	9.379	63	196228	48.321	ug/l	99
46) Dibromomethane	9.467	93	106037	47.543	ug/l	94
47) Bromodichloromethane	9.655	83	278252	48.758	ug/l	99
48) Methyl methacrylate	9.449	41	102787	50.013	ug/l #	81
49) 1,4-Dioxane	9.455	88	26482	1149.747	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	595403	280.631	ug/l	93
52) Toluene	10.396	92	489290	48.017	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	252150	48.908	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	293466	47.566	ug/l #	89
55) 1,1,2-Trichloroethane	10.790	97	152962	50.716	ug/l	97
56) Ethyl methacrylate	10.649	69	189419	56.487	ug/l #	86
57) 1,3-Dichloropropane	10.937	76	258371	51.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.931	63	409539	256.446	ug/l	96
59) 2-Hexanone	10.973	43	404863	289.441	ug/l	93
60) Dibromochloromethane	11.131	129	190568	50.673	ug/l	99
61) 1,2-Dibromoethane	11.231	107	147624	51.222	ug/l	98
64) Tetrachloroethene	10.867	164	157345	44.053	ug/l	96
65) Chlorobenzene	11.661	112	518374	46.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	197926	47.705	ug/l	97
67) Ethyl Benzene	11.731	91	922565	46.977	ug/l	100
68) m/p-Xylenes	11.843	106	725624	95.103	ug/l	97
69) o-Xylene	12.167	106	342927	48.925	ug/l	95
70) Styrene	12.184	104	601213	49.855	ug/l	96
71) Bromoform	12.349	173	112295	52.589	ug/l #	98
73) Isopropylbenzene	12.467	105	879541	46.620	ug/l	100
74) N-amyl acetate	12.278	43	216924	52.707	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	181058	52.036	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	216624	83.426	ug/l #	100
77) Bromobenzene	12.749	156	211658	47.659	ug/l	94
78) n-propylbenzene	12.808	91	1093639	46.174	ug/l	99
79) 2-Chlorotoluene	12.896	91	641656	46.920	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	753050	47.120	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	52352	48.402	ug/l	86
82) 4-Chlorotoluene	12.990	91	662936	46.249	ug/l	98
83) tert-Butylbenzene	13.208	119	623394	46.283	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	758858	48.065	ug/l	99
85) sec-Butylbenzene	13.384	105	949231	46.155	ug/l	99
86) p-Isopropyltoluene	13.502	119	782500	46.675	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	413624	46.206	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	415304	45.960	ug/l	99
89) n-Butylbenzene	13.825	91	726669	45.491	ug/l	100
90) Hexachloroethane	14.096	117	161616	46.590	ug/l	100
91) 1,2-Dichlorobenzene	13.872	146	374573	48.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	28343	53.191	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	206955	47.065	ug/l	100
94) Hexachlorobutadiene	15.249	225	106555	43.002	ug/l	98
95) Naphthalene	15.378	128	420256	48.631	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	191333	49.082	ug/l	99

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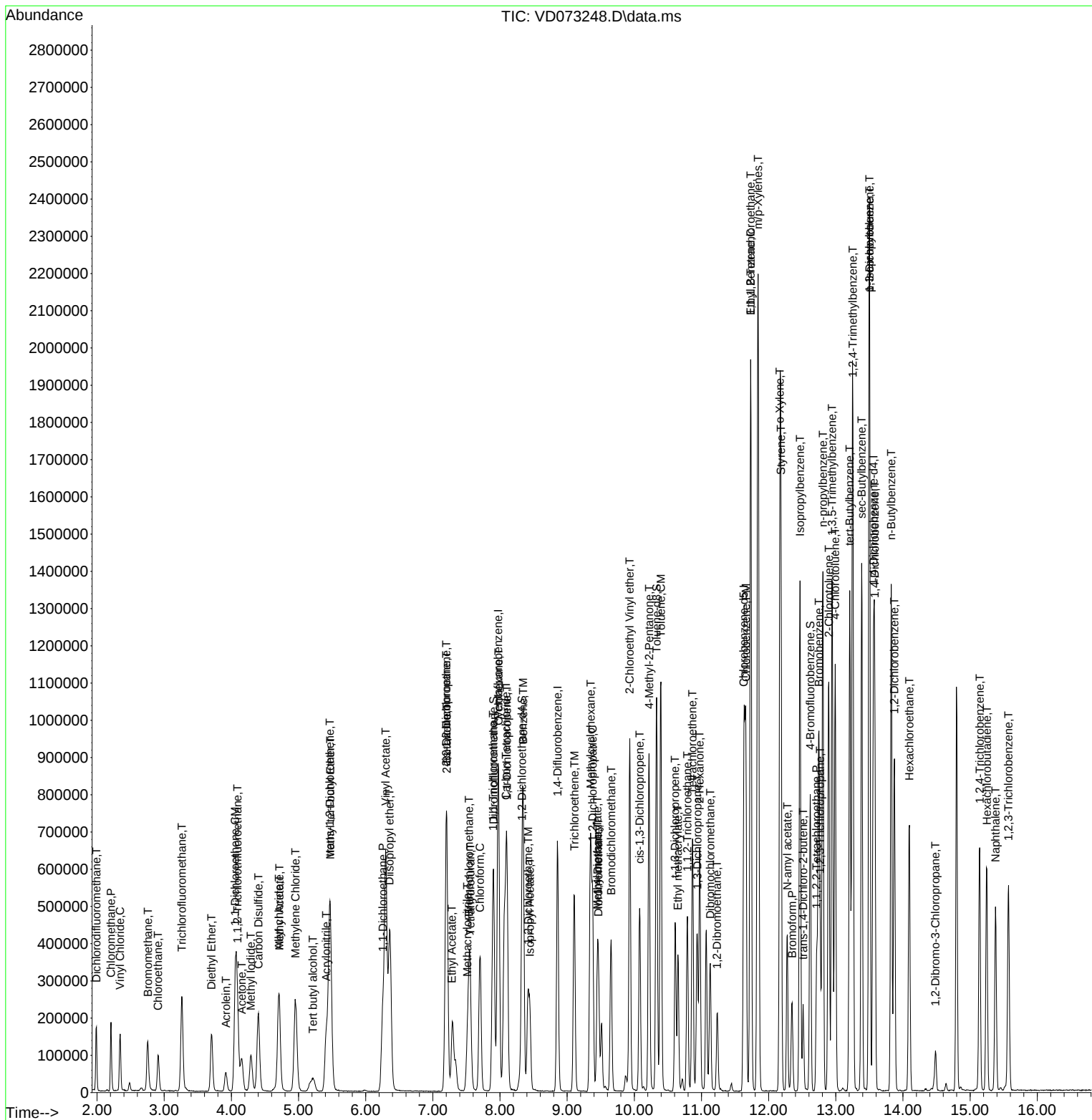
Instrument :
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VSTDCCC050EC

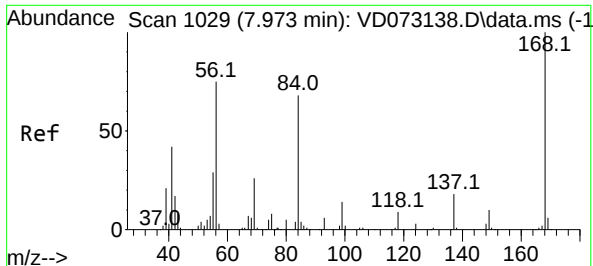
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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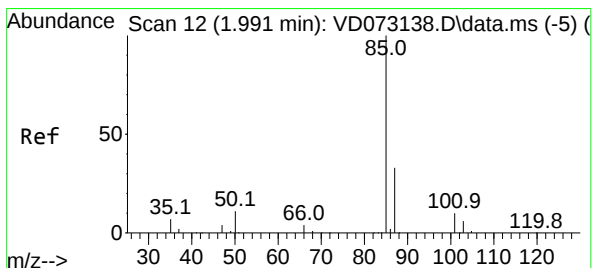
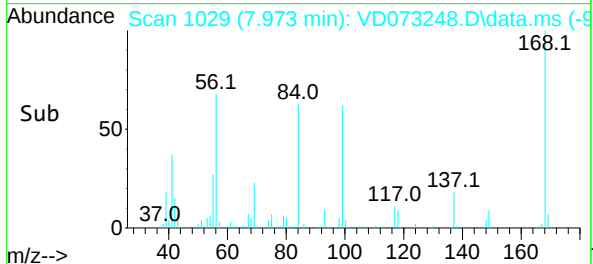
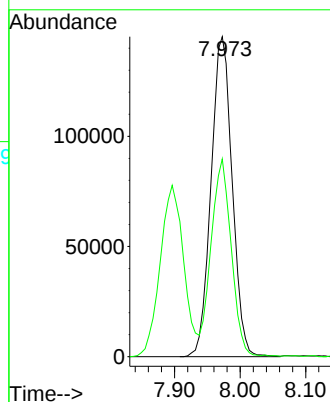
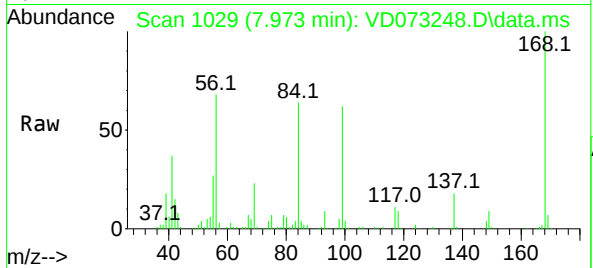




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073248.D
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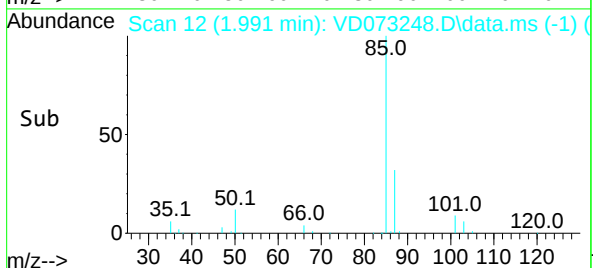
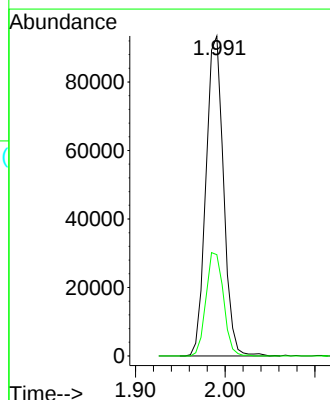
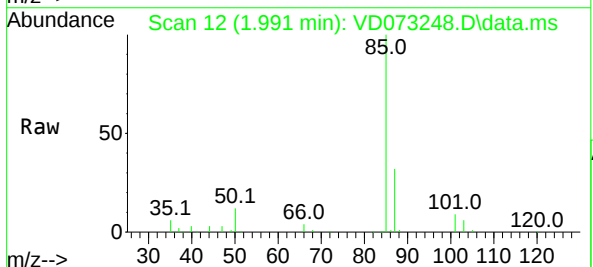
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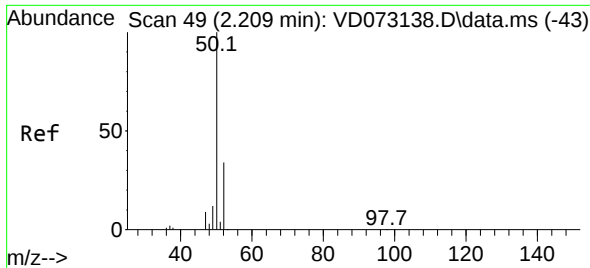
Tgt Ion:168 Resp: 324573
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.048 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 85 Resp: 126641
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

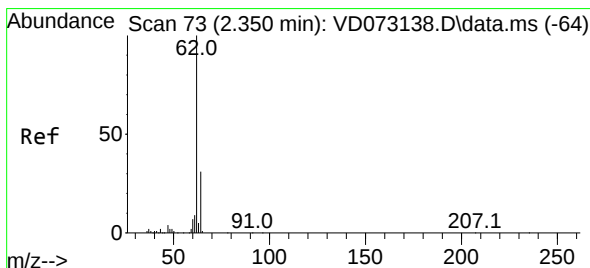
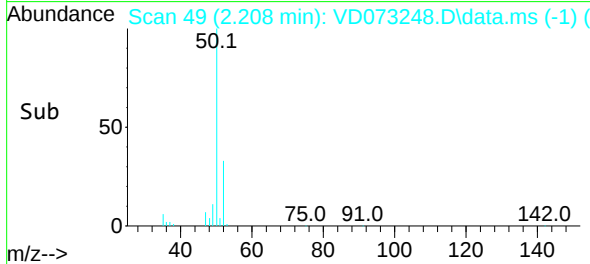
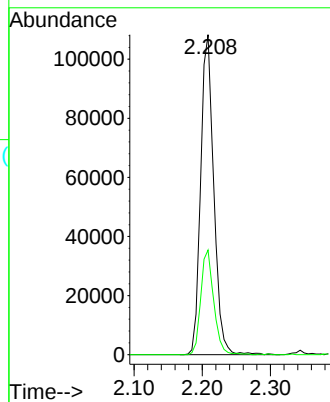
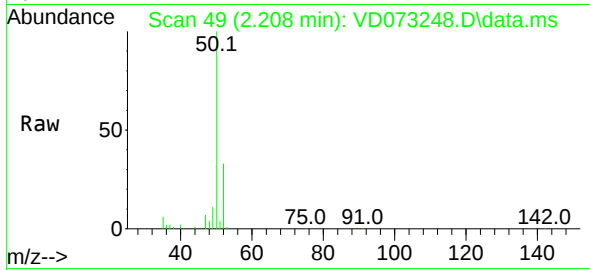




#3
Chloromethane
Concen: 39.493 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

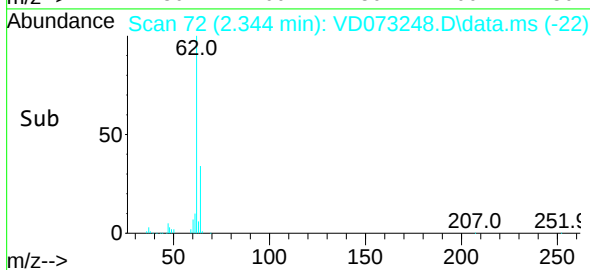
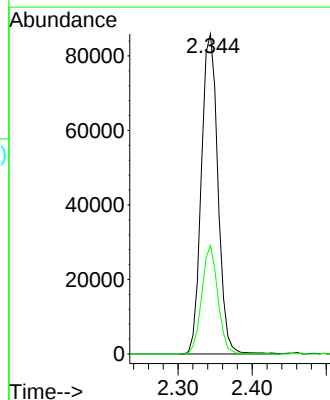
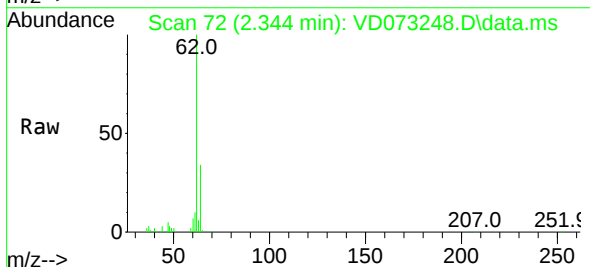
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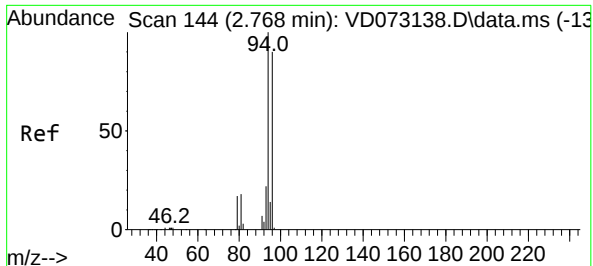
Tgt Ion: 50 Resp: 144833
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.0



#4
Vinyl Chloride
Concen: 39.639 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 62 Resp: 132927
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0

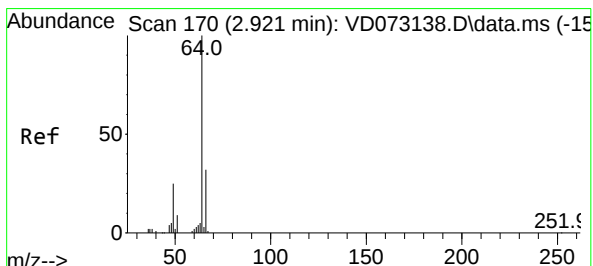
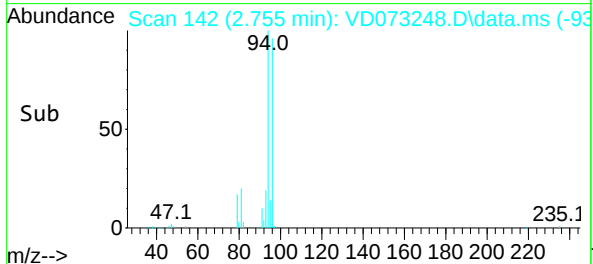
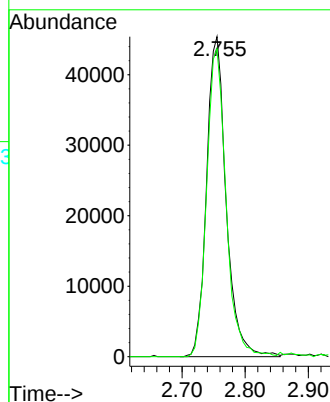
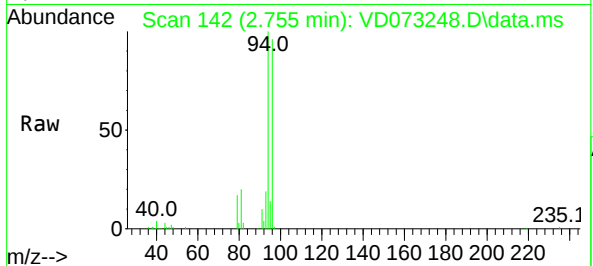




#5
Bromomethane
Concen: 45.012 ug/l
RT: 2.755 min Scan# 144
Delta R.T. -0.013 min
Lab File: VD073248.D
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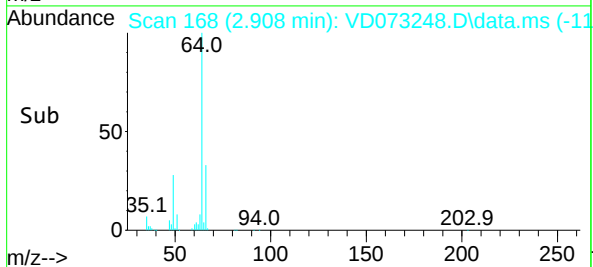
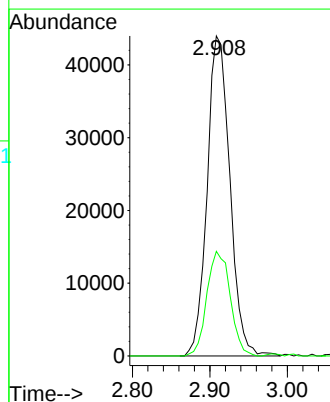
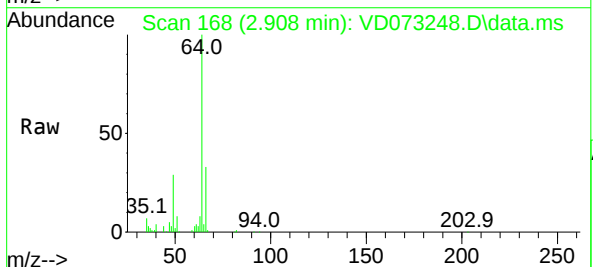
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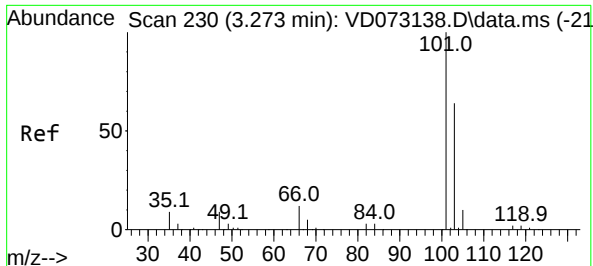
Tgt Ion: 94 Resp: 97634
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4



#6
Chloroethane
Concen: 43.515 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.013 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 64 Resp: 89706
Ion Ratio Lower Upper
64 100
66 32.7 25.9 38.9

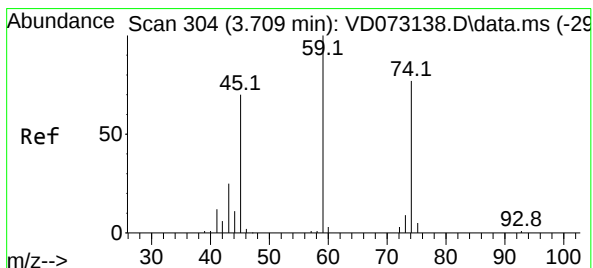
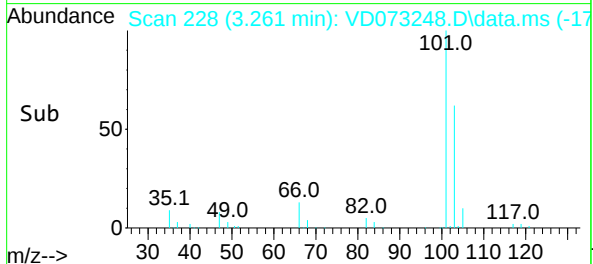
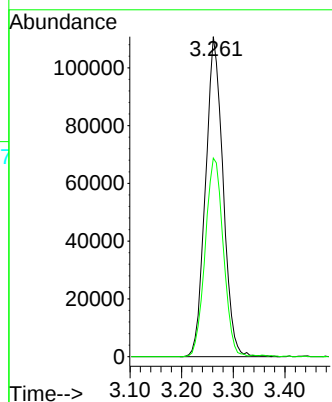
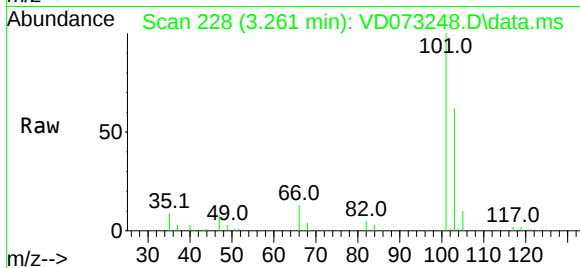




#7
 Trichlorofluoromethane
 Concen: 43.976 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

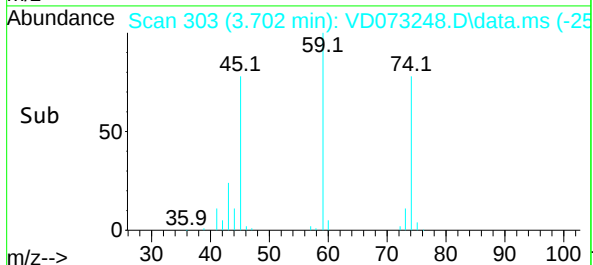
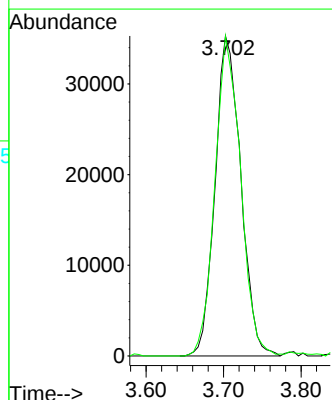
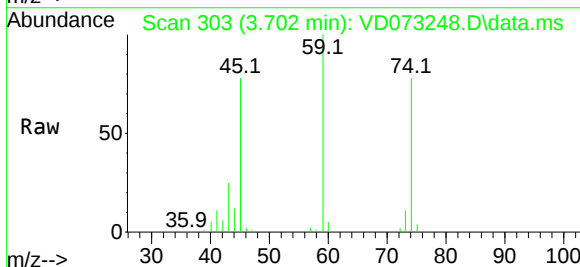
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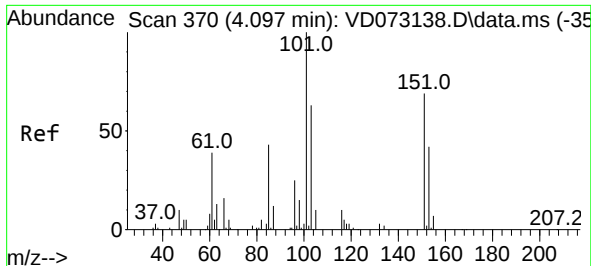
Tgt Ion:101 Resp: 260760
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.040 ug/l
 RT: 3.702 min Scan# 303
 Delta R.T. -0.007 min
 Lab File: VD073248.D
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Tgt Ion: 74 Resp: 81534
 Ion Ratio Lower Upper
 74 100
 45 99.6 52.6 157.8

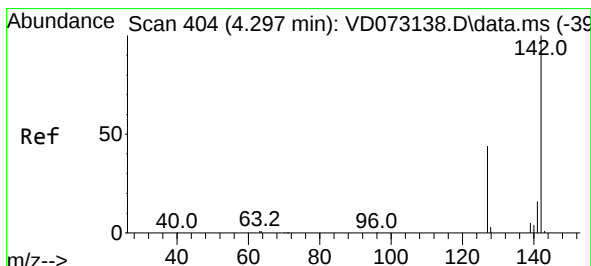
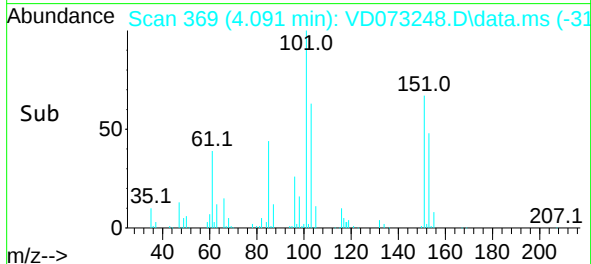
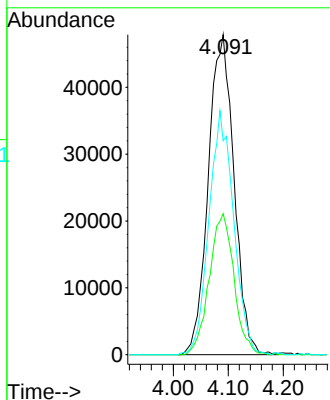
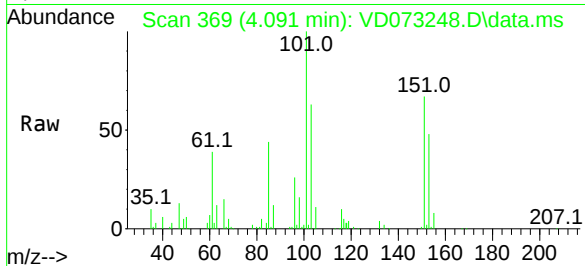




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.931 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

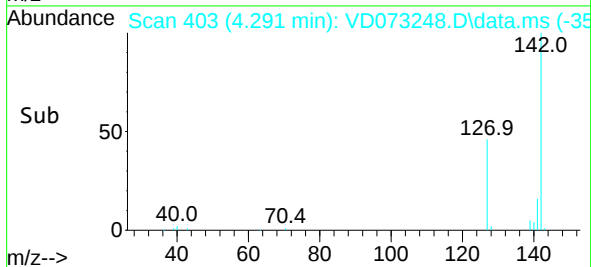
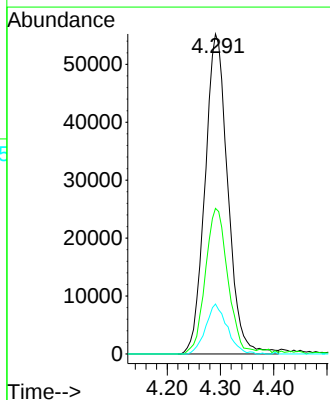
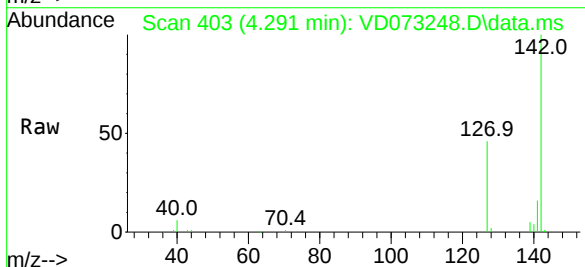
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

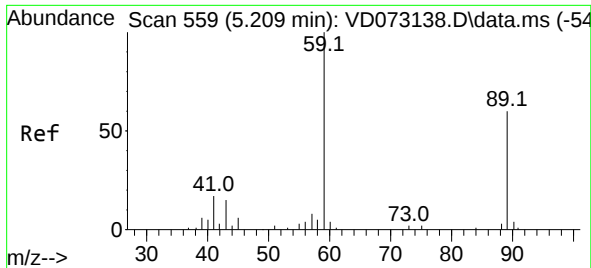
Tgt Ion:101 Resp: 155428
 Ion Ratio Lower Upper
 101 100
 85 42.4 36.4 54.6
 151 73.5 57.3 85.9



#10
 Methyl Iodide
 Concen: 43.014 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

Tgt Ion:142 Resp: 164192
 Ion Ratio Lower Upper
 142 100
 127 44.9 37.3 55.9
 141 14.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 126.899 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.005 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

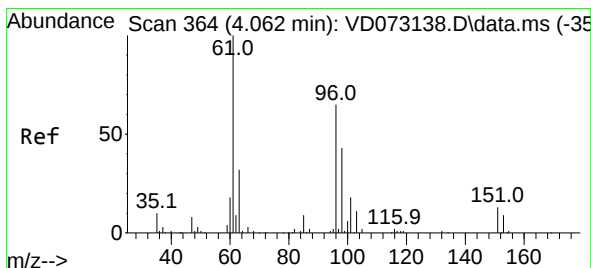
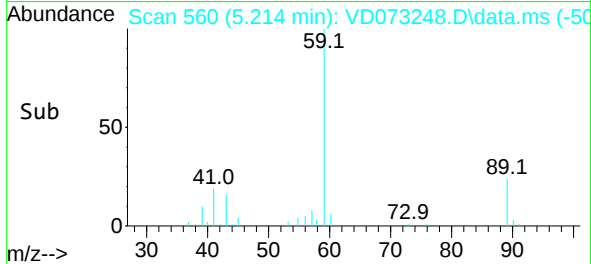
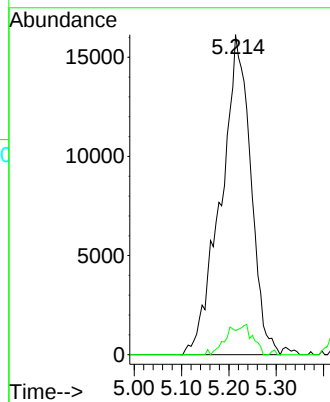
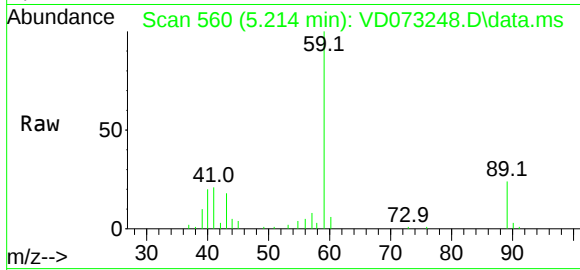
VSTDCCC050EC

Tgt Ion: 59 Resp: 70622

Ion Ratio Lower Upper

59 100

57 3.5 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 44.597 ug/l

RT: 4.055 min Scan# 363

Delta R.T. -0.007 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

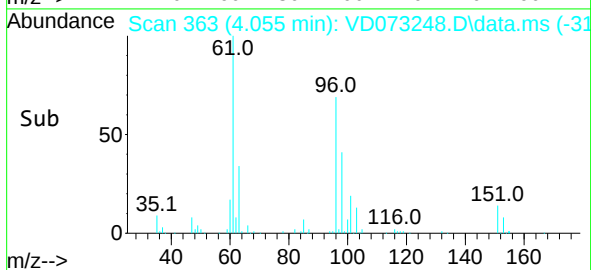
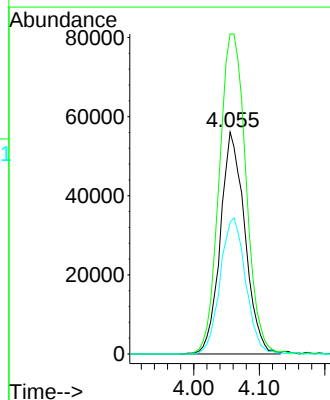
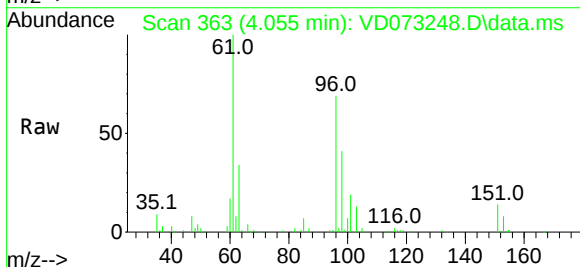
Tgt Ion: 96 Resp: 145468

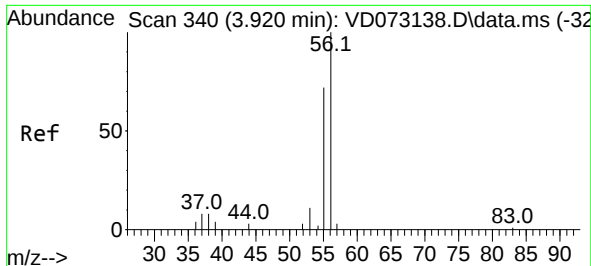
Ion Ratio Lower Upper

96 100

61 144.2 138.5 207.7

98 59.4 48.6 73.0

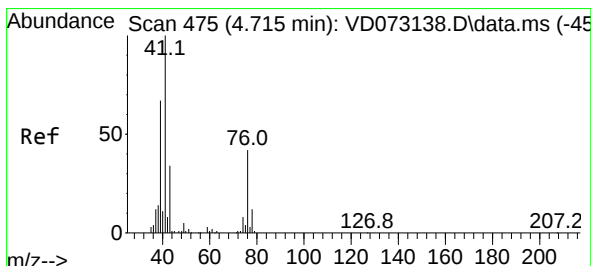
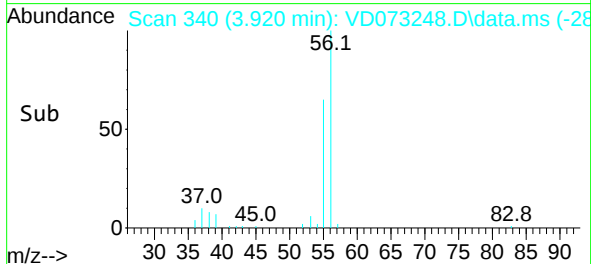
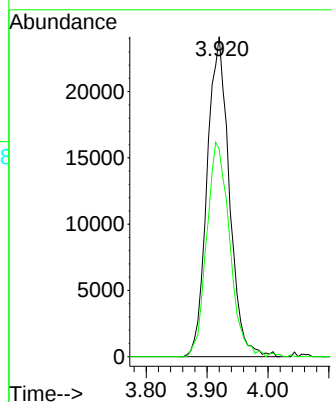
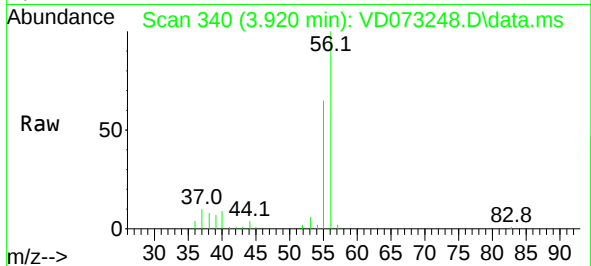




#13
Acrolein
Concen: 279.377 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

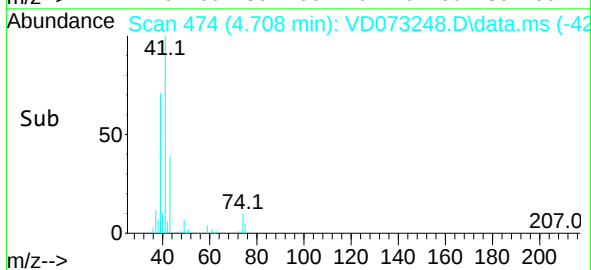
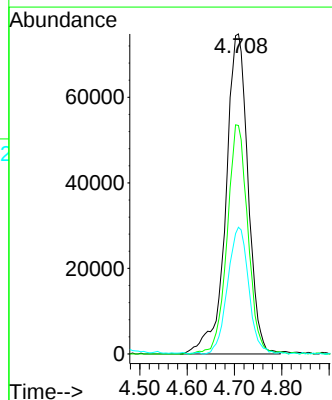
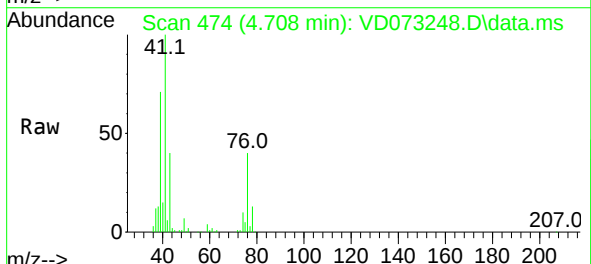
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

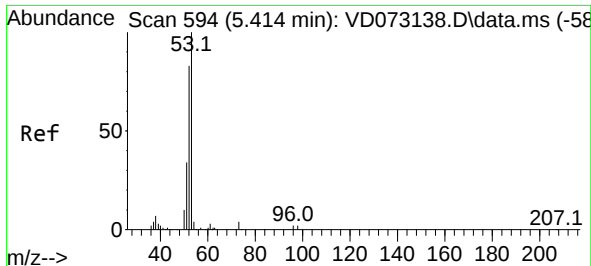
Tgt Ion: 56 Resp: 60942
Ion Ratio Lower Upper
56 100
55 69.3 57.1 85.7



#14
Allyl chloride
Concen: 46.249 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

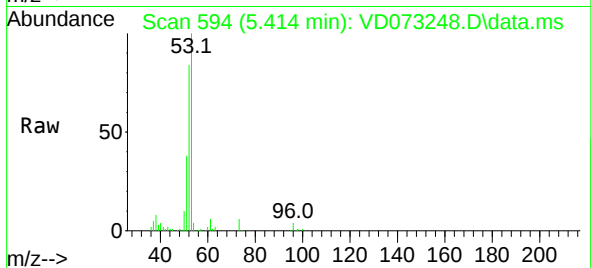
Tgt Ion: 41 Resp: 243511
Ion Ratio Lower Upper
41 100
39 67.0 59.3 88.9
76 37.5 25.7 38.5



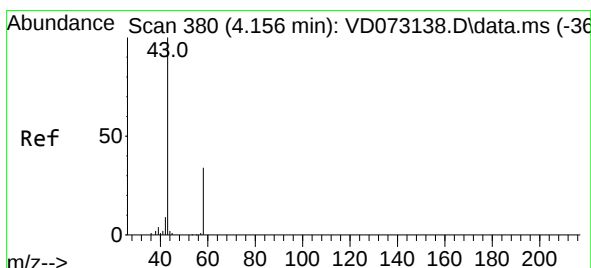
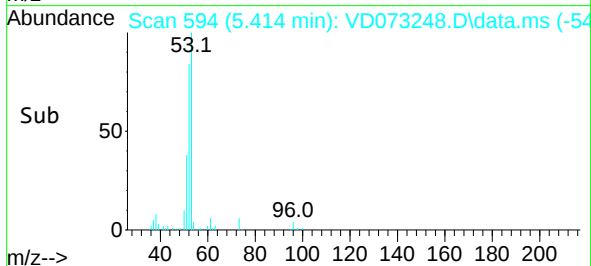
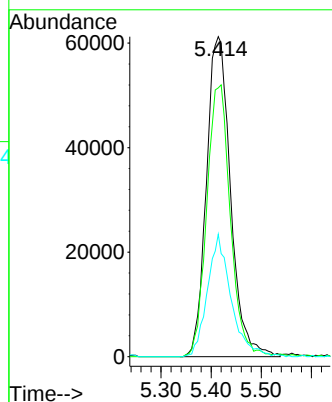


#15
Acrylonitrile
Concen: 274.906 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

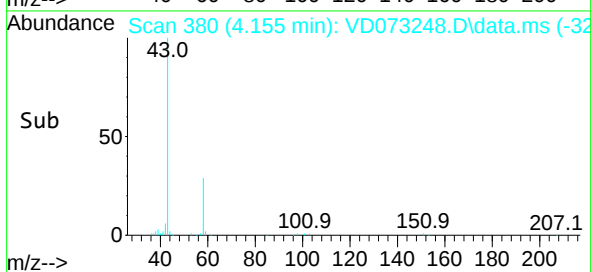
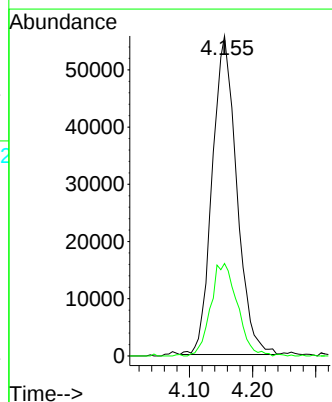
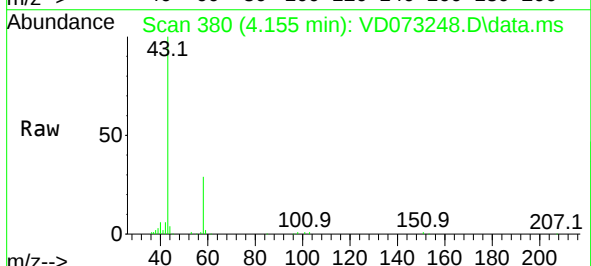


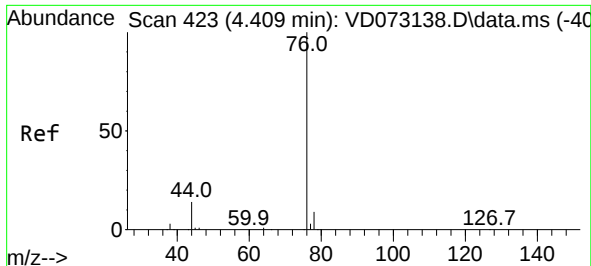
Tgt Ion: 53 Resp: 204825
Ion Ratio Lower Upper
53 100
52 83.1 67.2 100.8
51 37.1 30.3 45.5



#16
Acetone
Concen: 241.663 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 43 Resp: 150146
Ion Ratio Lower Upper
43 100
58 28.6 22.1 33.1

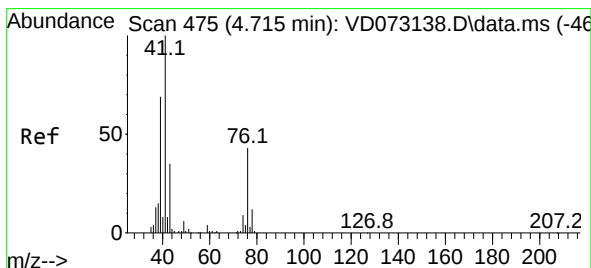
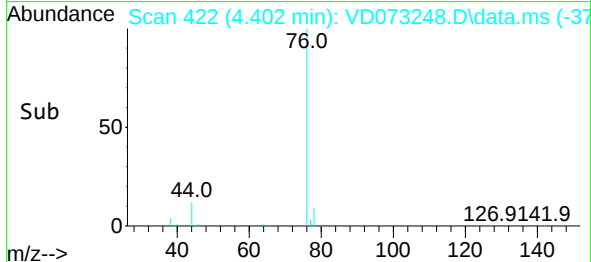
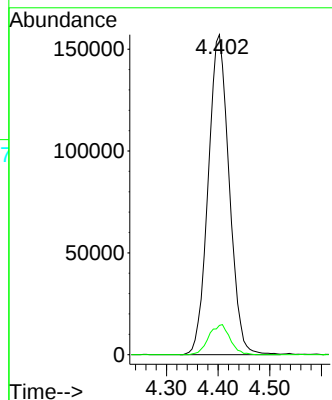
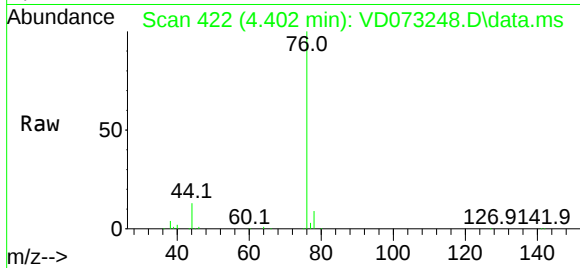




#17
Carbon Disulfide
Concen: 40.942 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

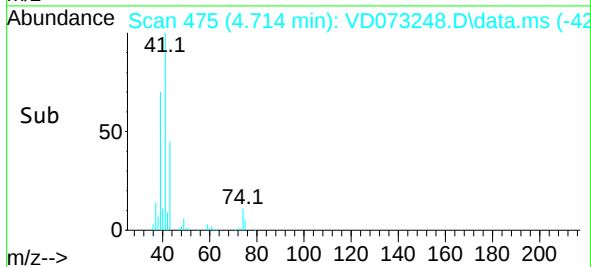
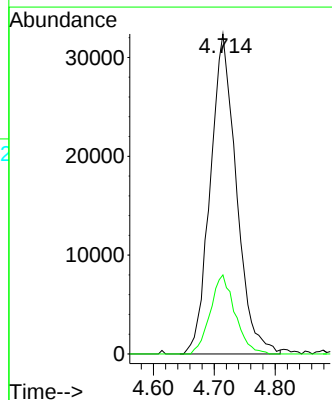
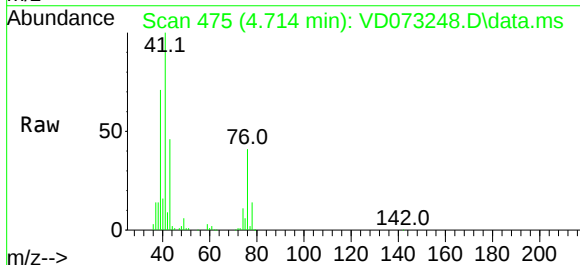
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

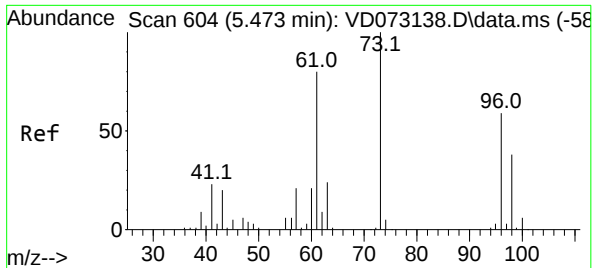
Tgt Ion: 76 Resp: 442718
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 55.773 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 43 Resp: 96357
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1

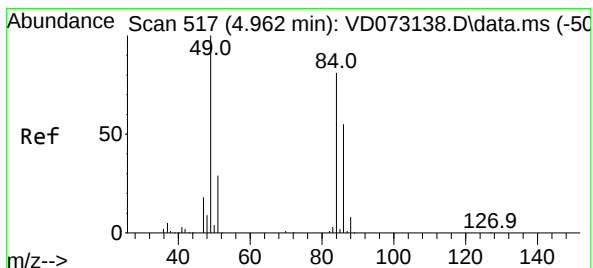
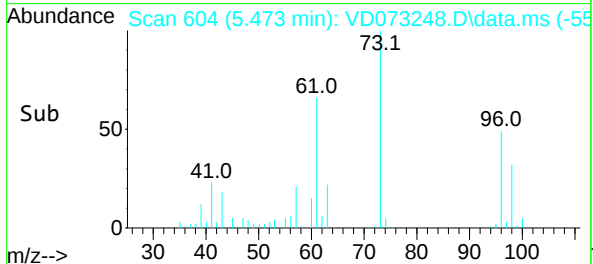
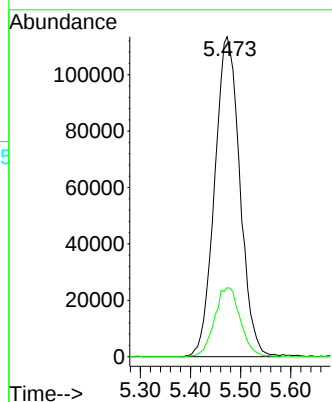
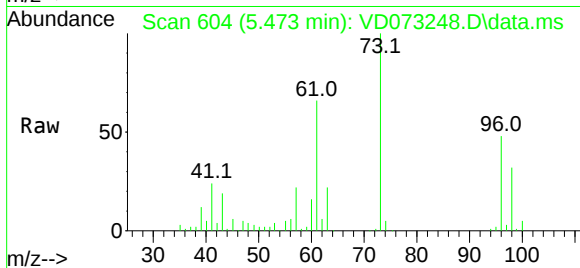




#19
Methyl tert-butyl Ether
Concen: 53.415 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

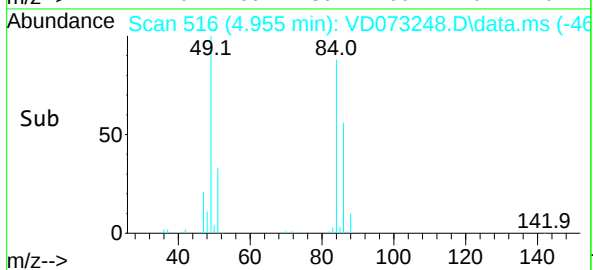
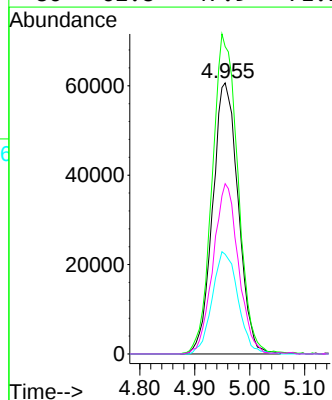
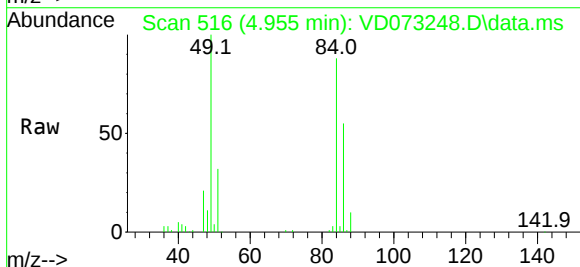
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

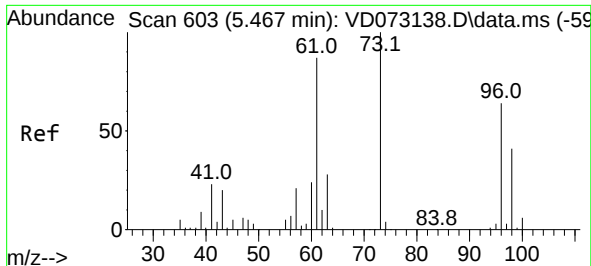
Tgt Ion: 73 Resp: 396929
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 49.644 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 84 Resp: 195753
Ion Ratio Lower Upper
84 100
49 113.4 112.8 169.2
51 36.8 32.6 48.8
86 62.8 47.9 71.9

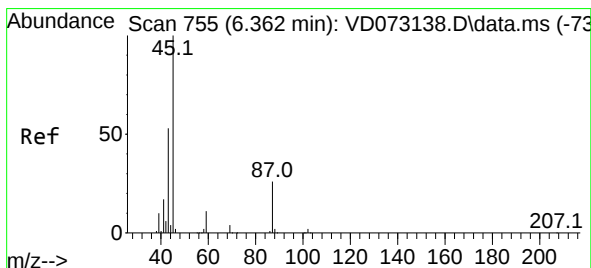
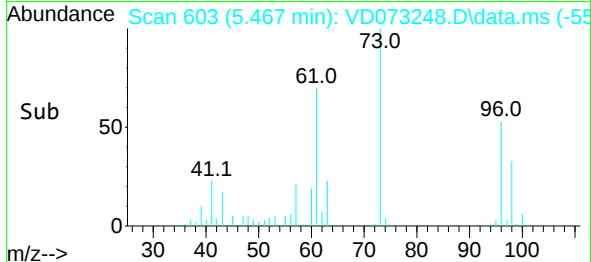
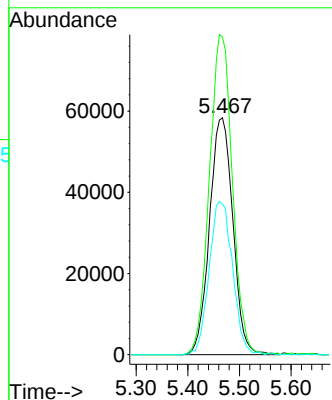
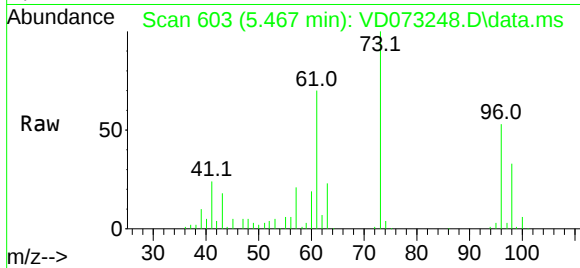




#21
trans-1,2-Dichloroethene
Concen: 46.479 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

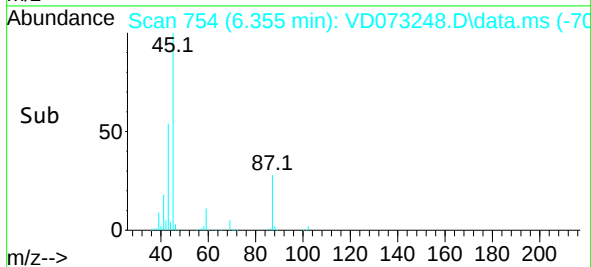
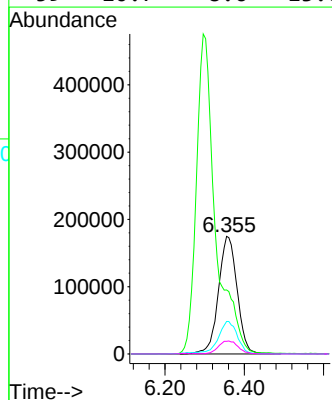
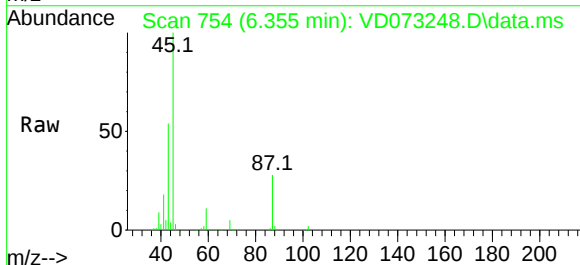
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

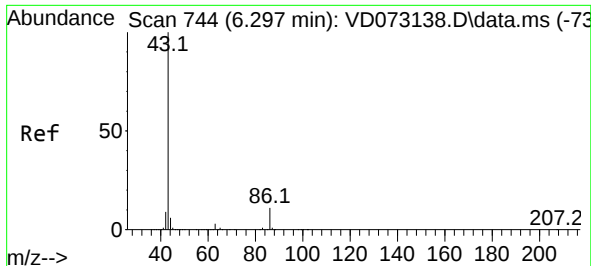
Tgt Ion: 96 Resp: 183308
Ion Ratio Lower Upper
96 100
61 134.0 117.9 176.9
98 63.5 49.4 74.2



#22
Diisopropyl ether
Concen: 51.782 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 45 Resp: 571538
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 27.7 18.4 27.6#
59 10.7 8.6 13.0

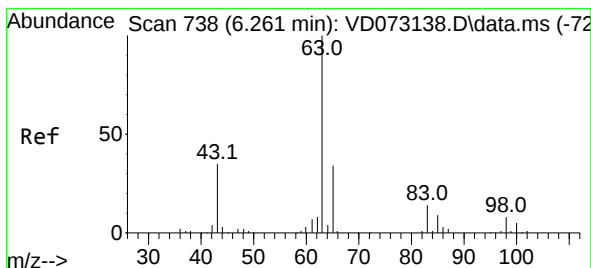
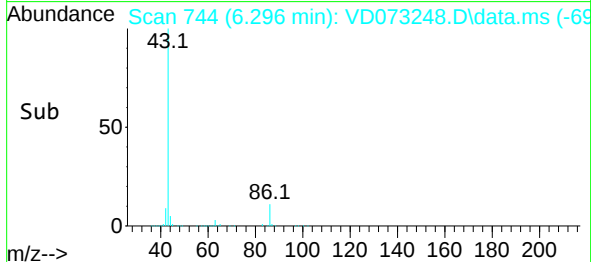
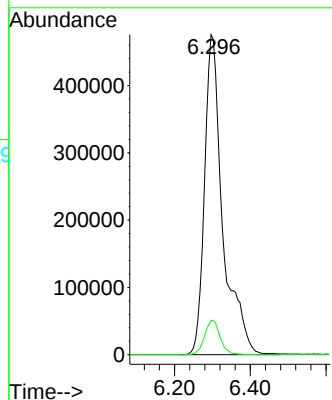
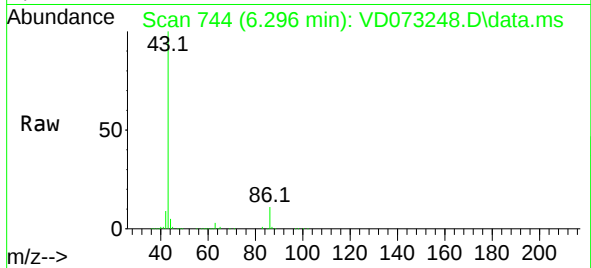




#23
 Vinyl Acetate
 Concen: 269.984 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.001 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

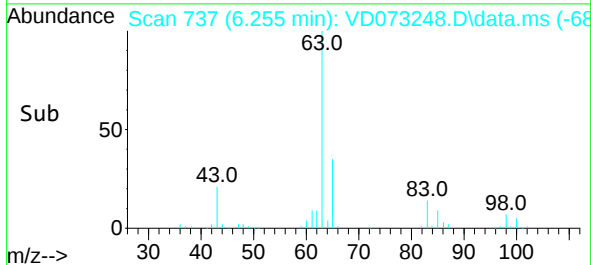
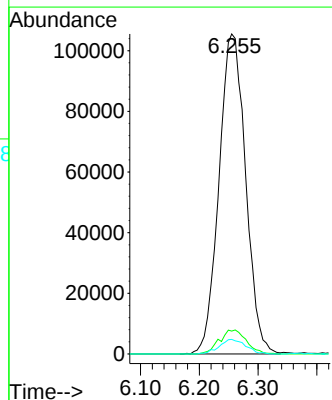
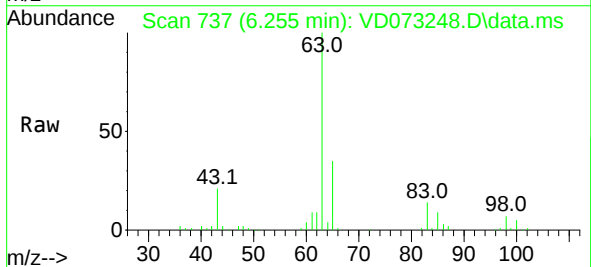
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

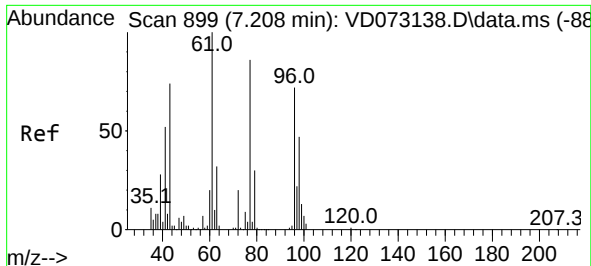
Tgt Ion: 43 Resp: 1589489
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.851 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

Tgt Ion: 63 Resp: 331926
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.6 2.1 6.5

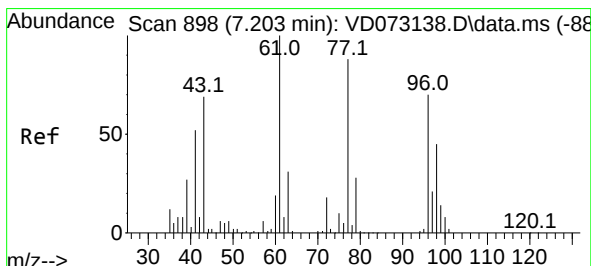
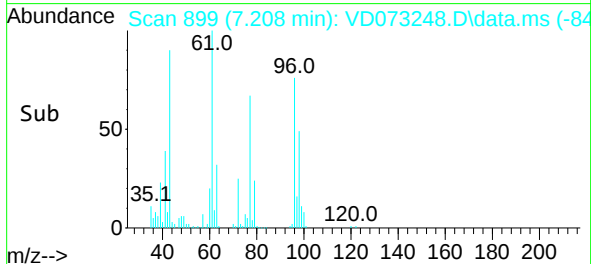
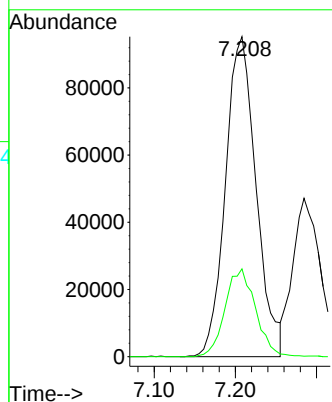
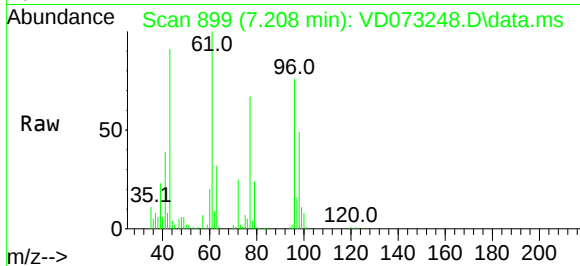




#25
2-Butanone
Concen: 275.153 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

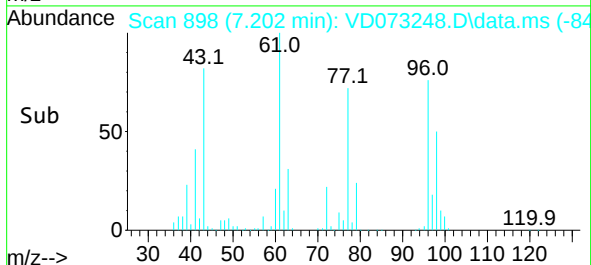
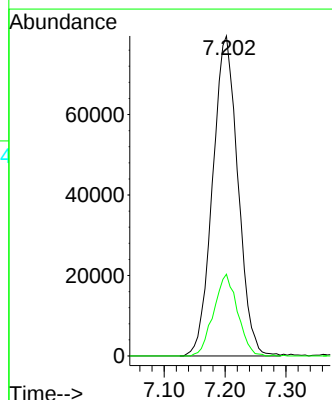
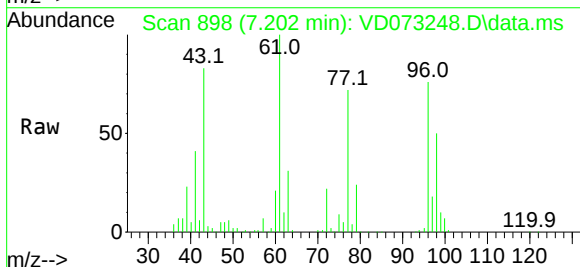
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

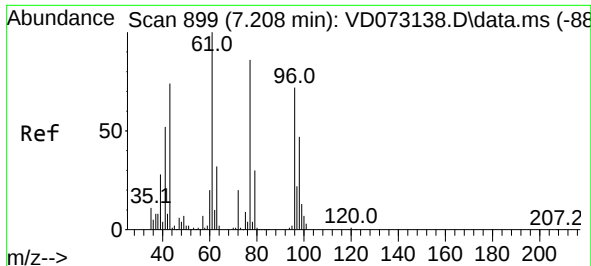
Tgt Ion: 43 Resp: 250112
Ion Ratio Lower Upper
43 100
72 27.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 37.974 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 77 Resp: 229431
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4

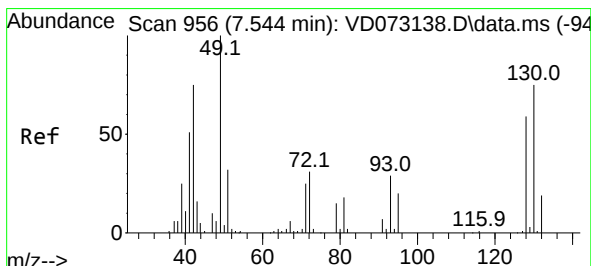
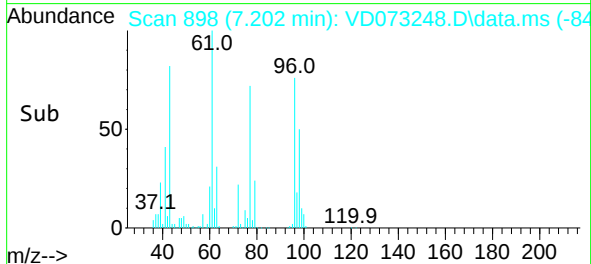
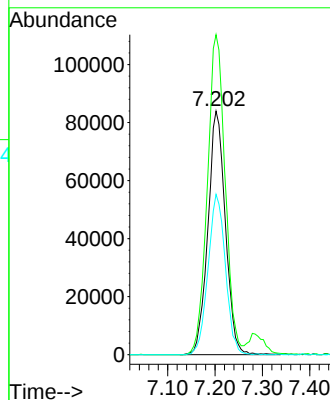
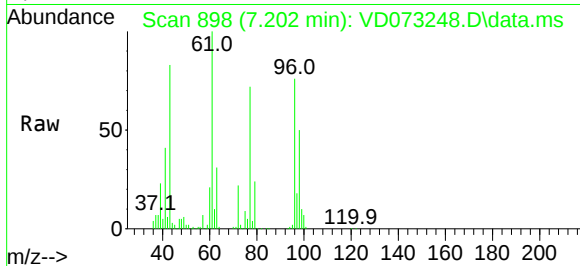




#27
 cis-1,2-Dichloroethene
 Concen: 49.346 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

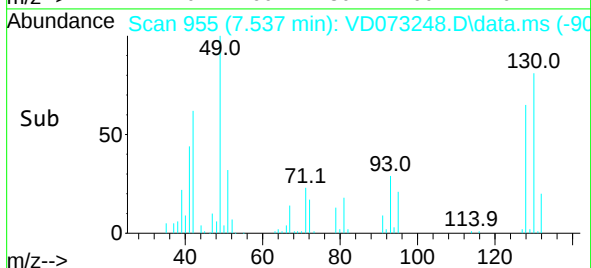
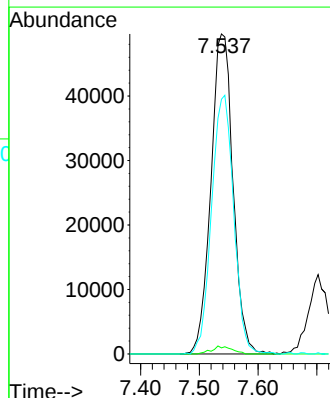
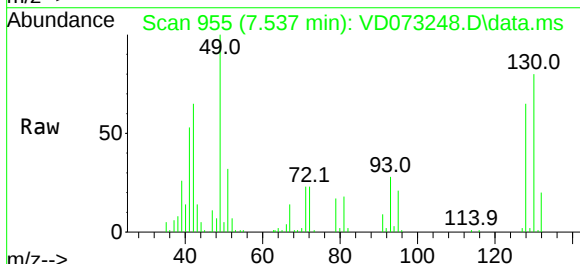
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

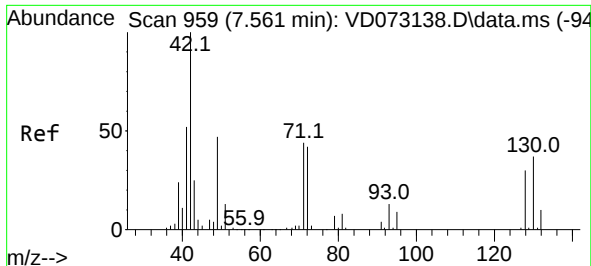
Tgt Ion: 96 Resp: 215344
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 313.8
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.204 ug/l
 RT: 7.537 min Scan# 955
 Delta R.T. -0.007 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

Tgt Ion: 49 Resp: 129858
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 80.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 278.067 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

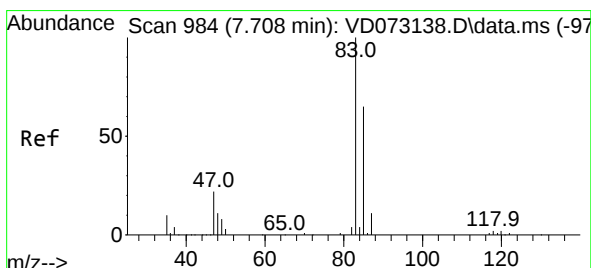
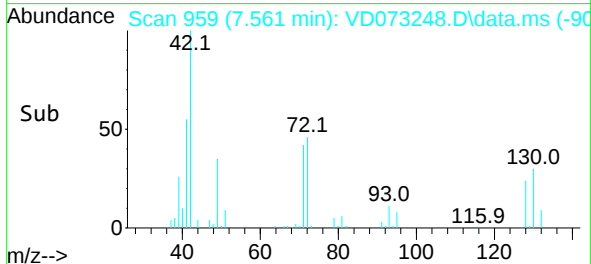
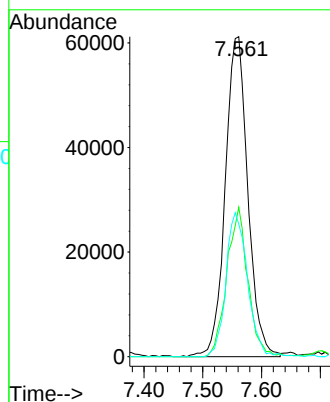
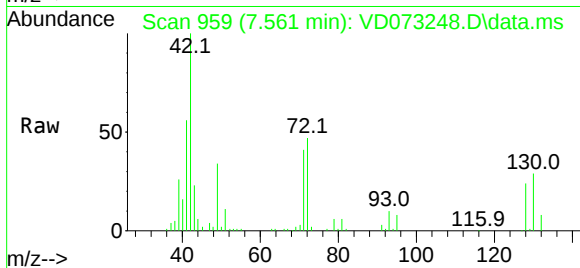
Tgt Ion: 42 Resp: 163439

Ion Ratio Lower Upper

42 100

72 43.2 30.7 46.1

71 43.2 28.6 43.0#



#30

Chloroform

Concen: 49.194 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073248.D

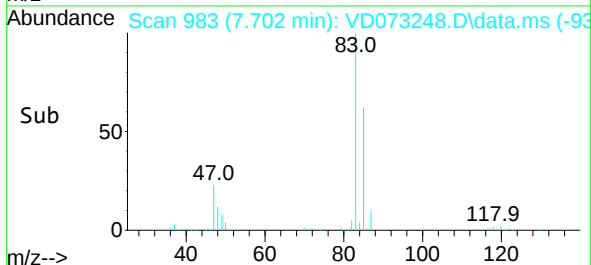
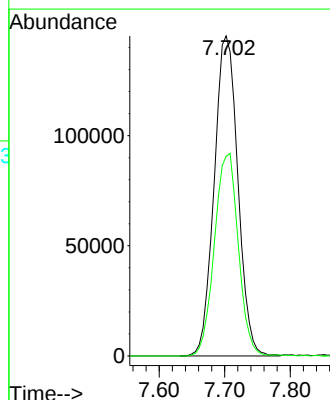
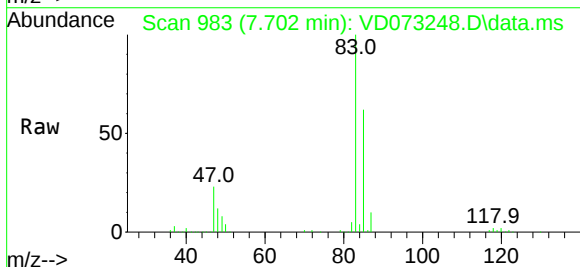
Acq: 22 May 2022 00:16

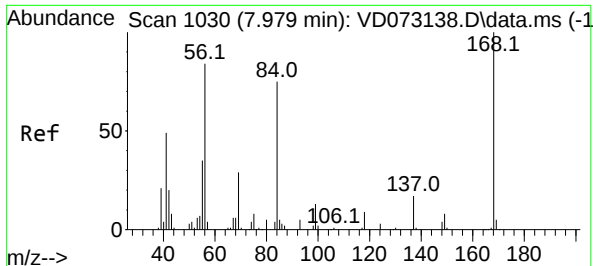
Tgt Ion: 83 Resp: 363854

Ion Ratio Lower Upper

83 100

85 62.4 52.7 79.1





#31

Cyclohexane

Concen: 42.250 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

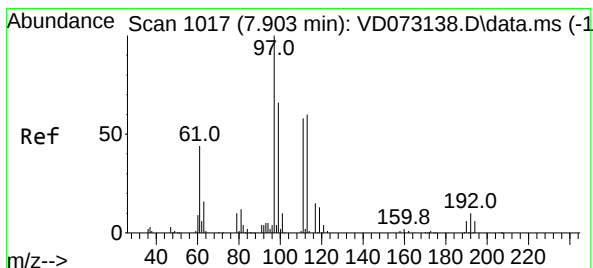
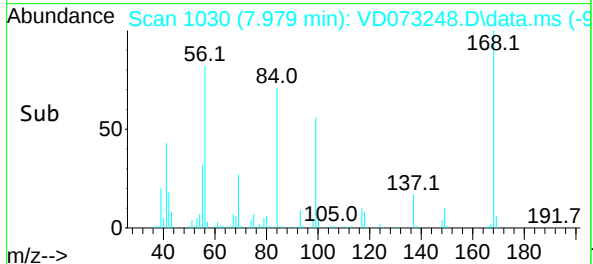
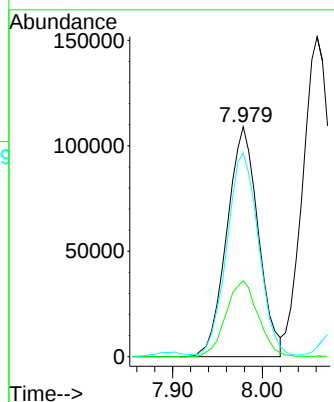
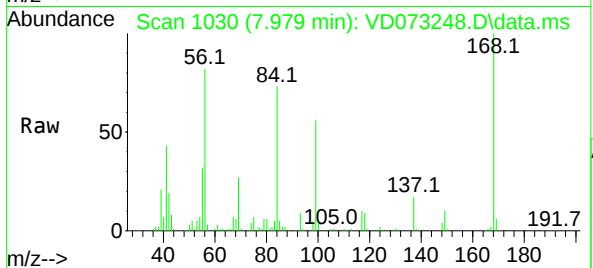
Tgt Ion: 56 Resp: 264838

Ion Ratio Lower Upper

56 100

69 33.0 25.4 38.2

84 87.3 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 45.656 ug/l

RT: 7.896 min Scan# 1016

Delta R.T. -0.007 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

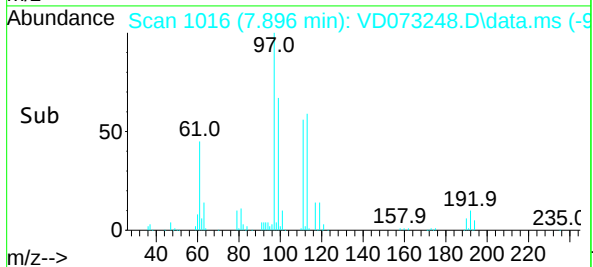
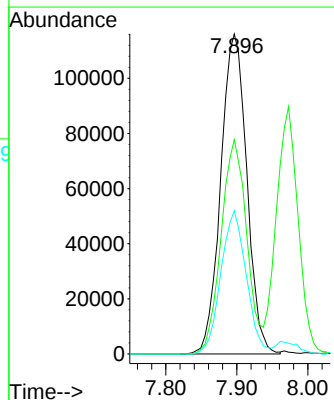
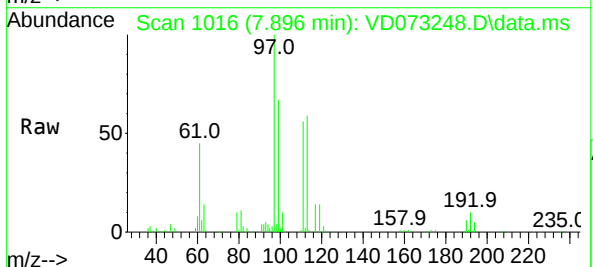
Tgt Ion: 97 Resp: 295351

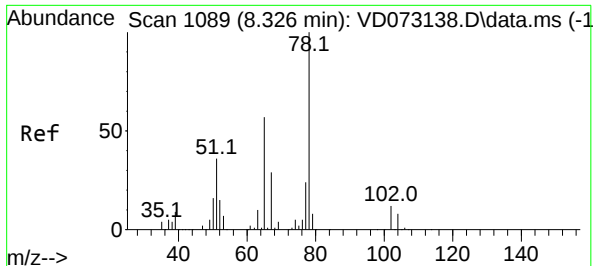
Ion Ratio Lower Upper

97 100

99 66.4 52.4 78.6

61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 53.086 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

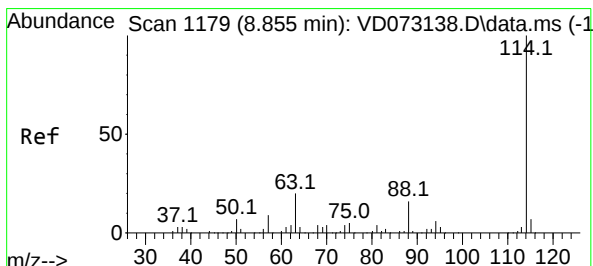
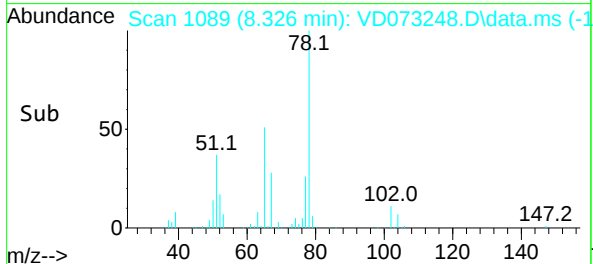
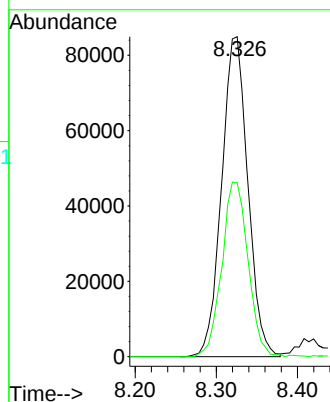
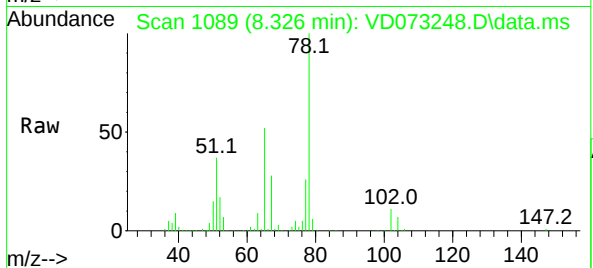
VSTDCCC050EC

Tgt Ion: 65 Resp: 190418

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

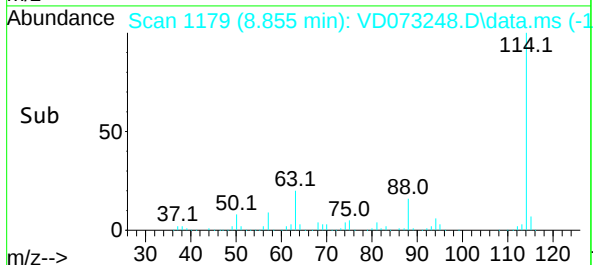
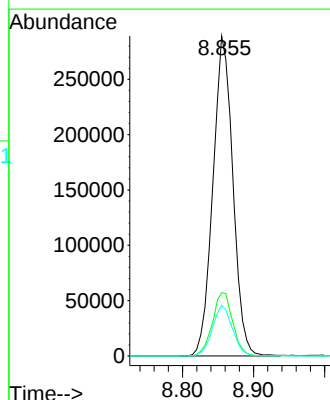
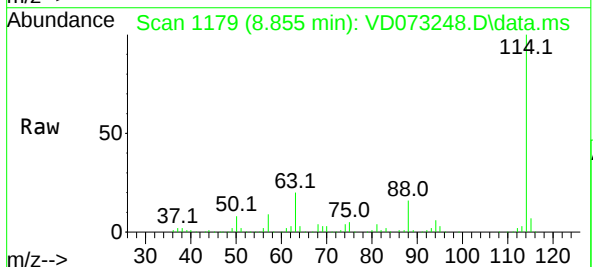
Tgt Ion: 114 Resp: 563783

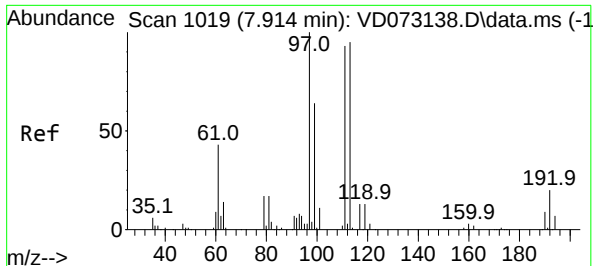
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.853 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.012 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

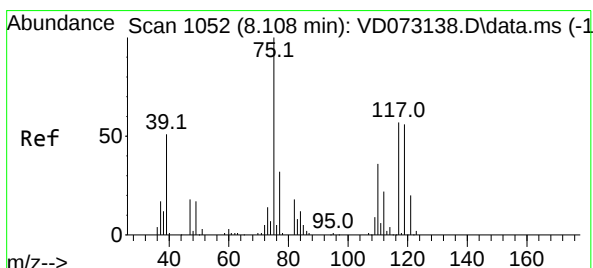
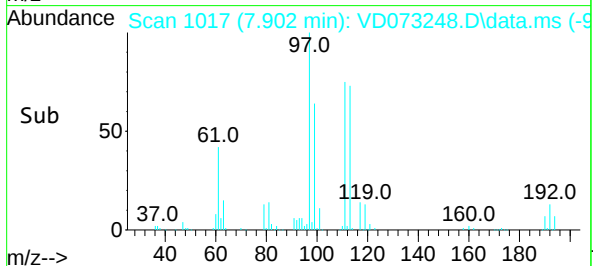
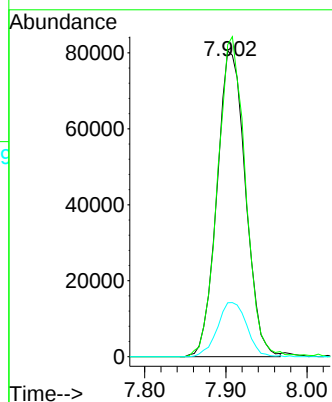
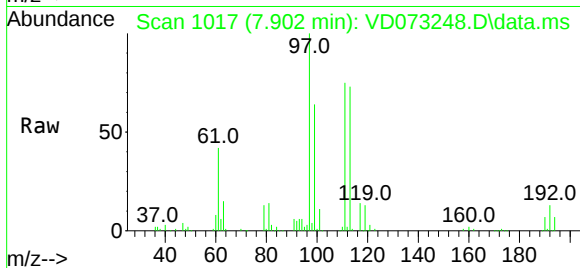
Tgt Ion:113 Resp: 196625

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 44.866 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

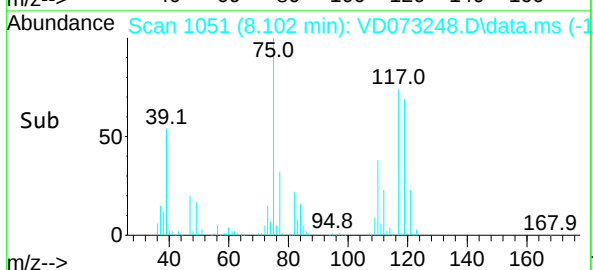
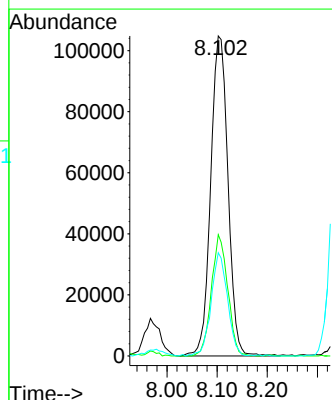
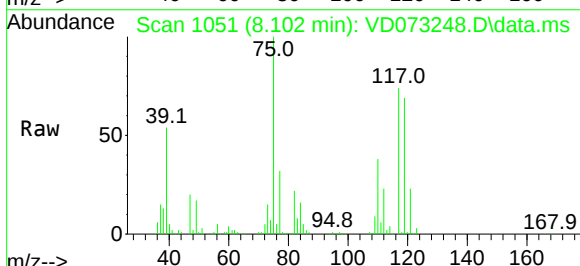
Tgt Ion: 75 Resp: 251034

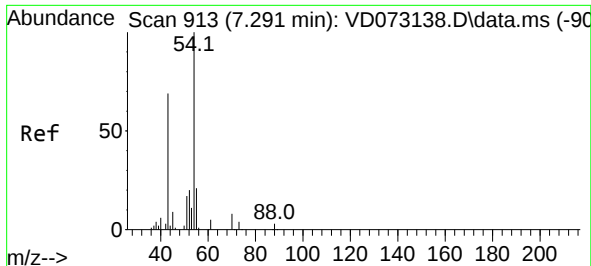
Ion Ratio Lower Upper

75 100

110 35.7 16.4 49.1

77 30.6 24.2 36.2

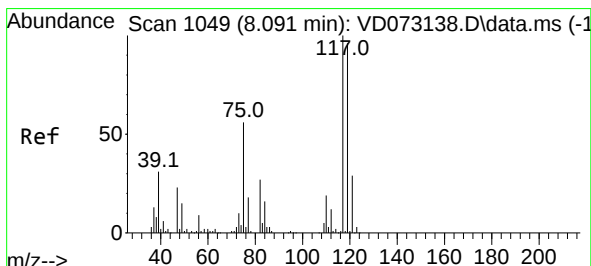
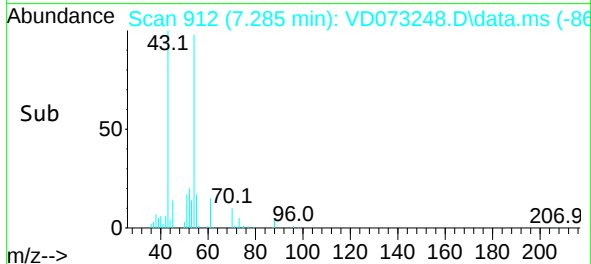
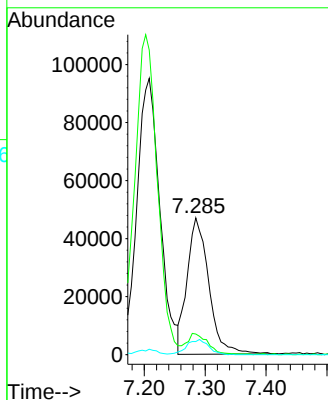
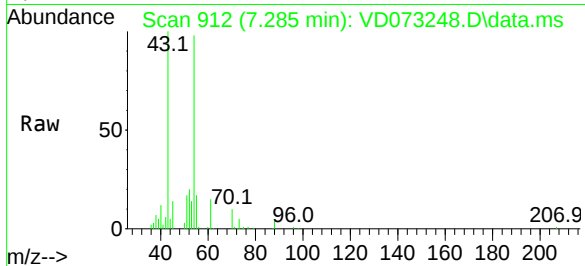




#37
Ethyl Acetate
Concen: 52.446 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

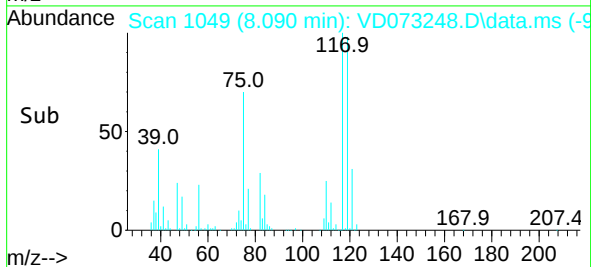
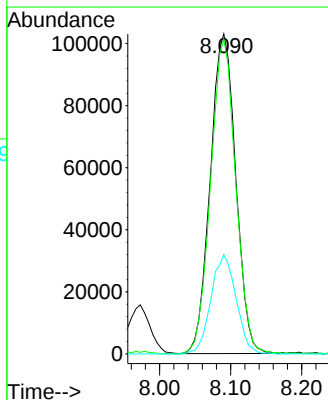
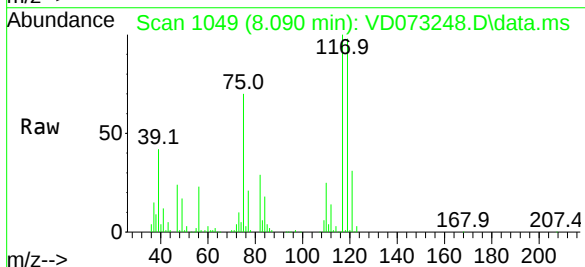
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

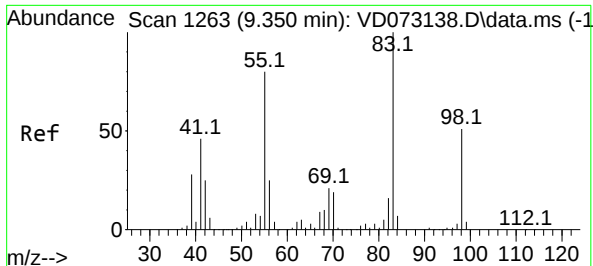
Tgt Ion: 43 Resp: 115907
Ion Ratio Lower Upper
43 100
61 15.0 9.8 14.8#
70 11.3 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 45.192 ug/l
RT: 8.090 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 117 Resp: 256316
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 43.857 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

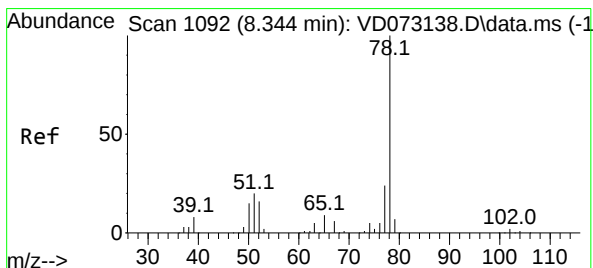
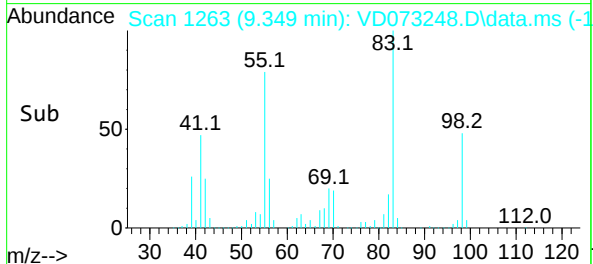
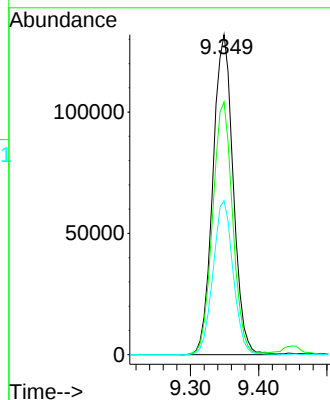
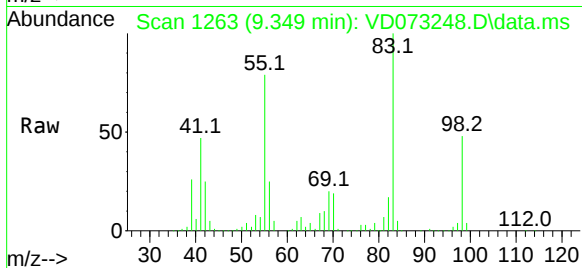
Tgt Ion: 83 Resp: 273471

Ion Ratio Lower Upper

83 100

55 79.0 63.2 94.8

98 48.2 38.2 57.4



#40

Benzene

Concen: 47.138 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD073248.D

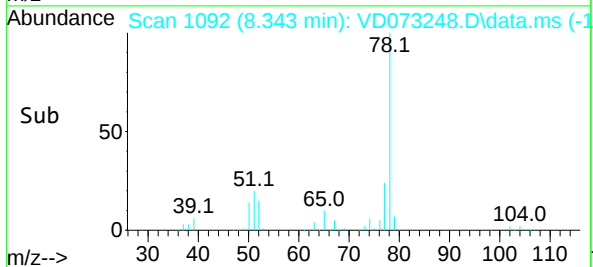
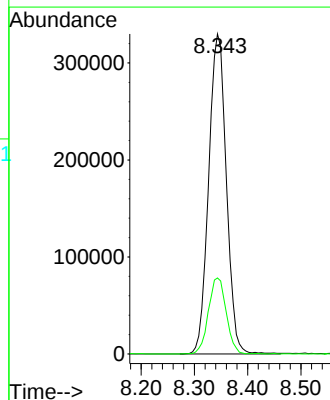
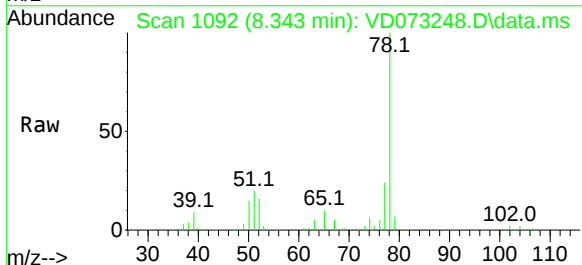
Acq: 22 May 2022 00:16

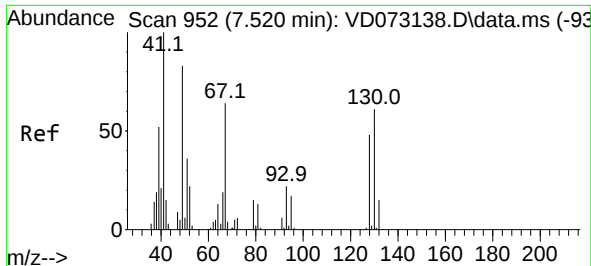
Tgt Ion: 78 Resp: 760115

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

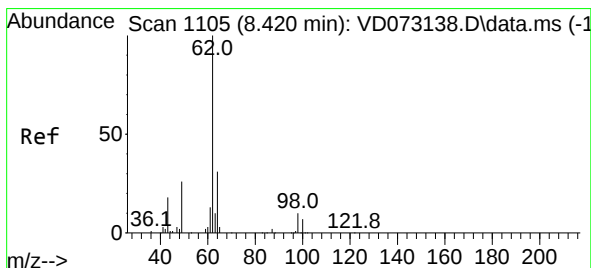
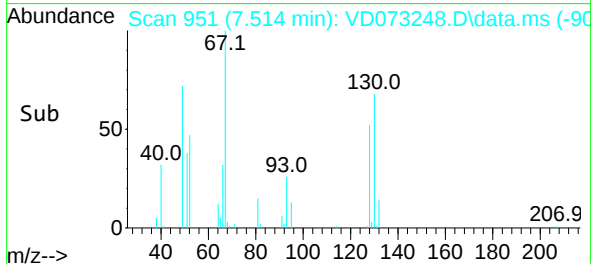
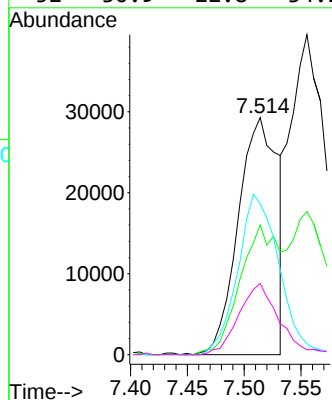
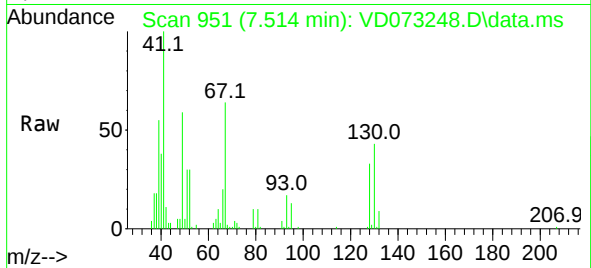




#41
Methacrylonitrile
Concen: 54.857 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

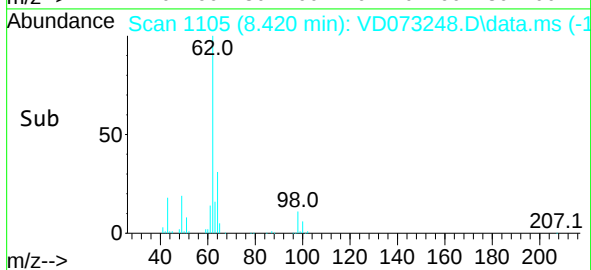
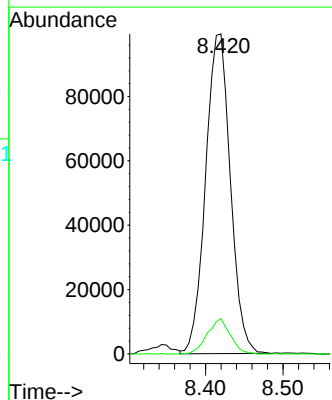
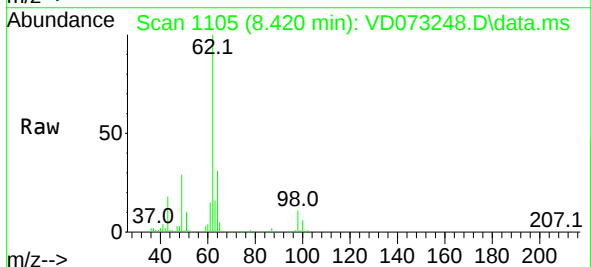
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

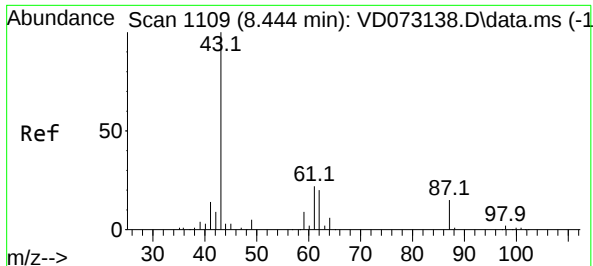
Tgt Ion:	41	Resp:	70636
Ion	Ratio	Lower	Upper
41	100		
39	52.6	44.6	67.0
67	71.1	48.2	72.4
52	30.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 49.187 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:	62	Resp:	220693
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	17.6

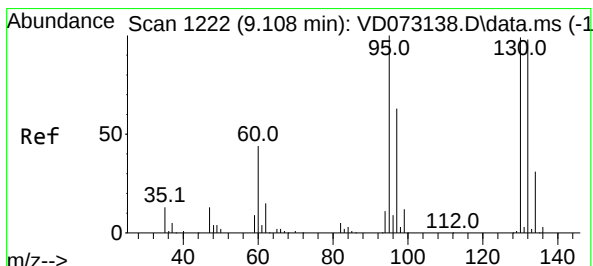
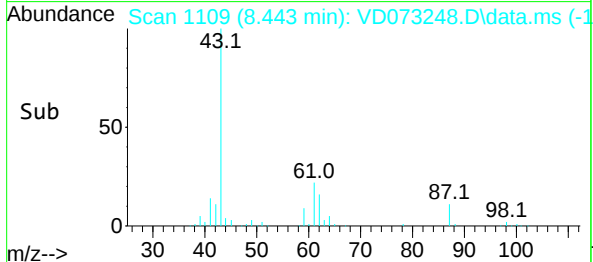
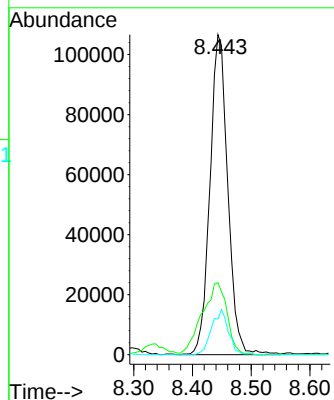
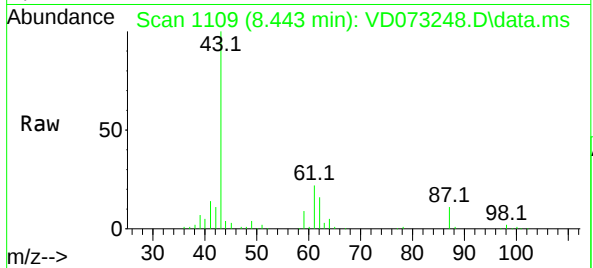




#43
Isopropyl Acetate
Concen: 55.054 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

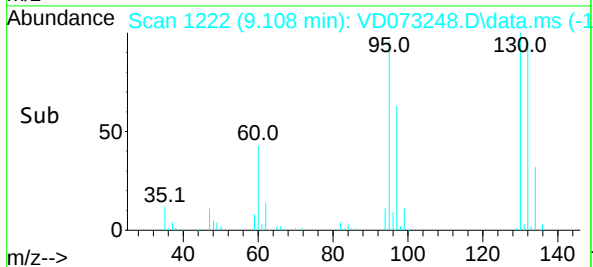
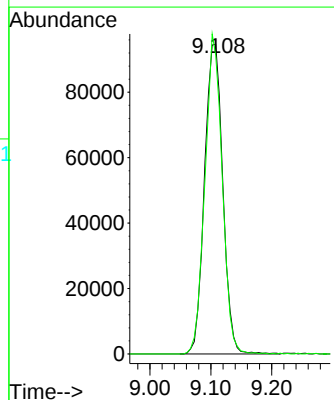
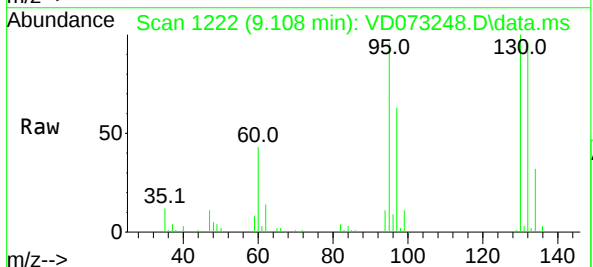
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

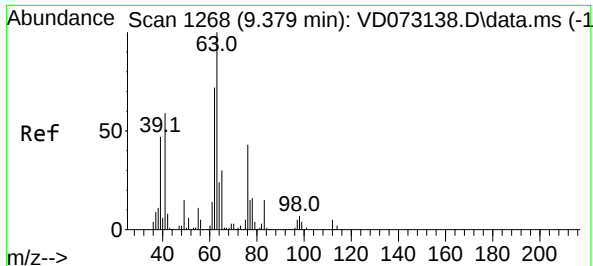
Tgt Ion: 43 Resp: 224894
Ion Ratio Lower Upper
43 100
61 31.4 22.4 33.6
87 13.3 8.7 13.1#



#44
Trichloroethene
Concen: 46.008 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:130 Resp: 197837
Ion Ratio Lower Upper
130 100
95 96.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 48.321 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

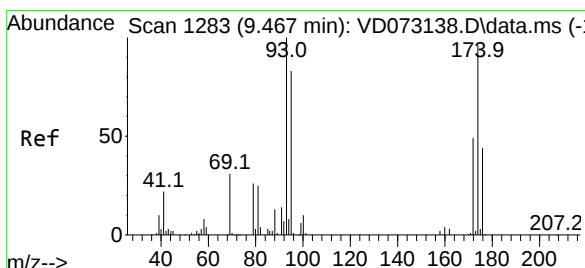
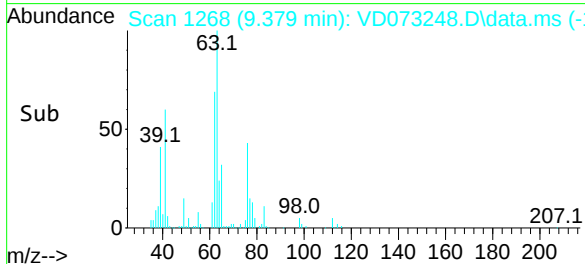
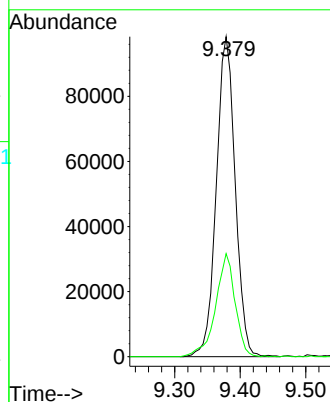
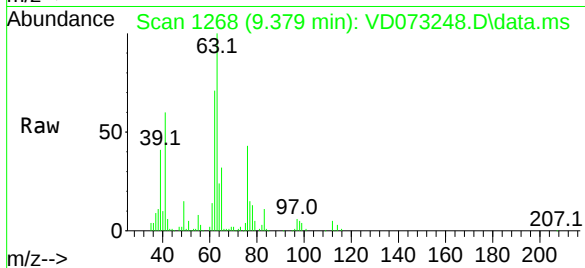
VSTDCCC050EC

Tgt Ion: 63 Resp: 196228

Ion Ratio Lower Upper

63 100

65 32.2 26.2 39.4



#46

Dibromomethane

Concen: 47.543 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

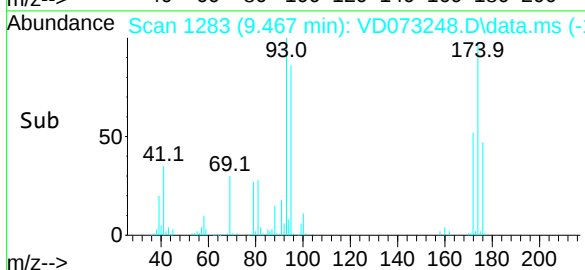
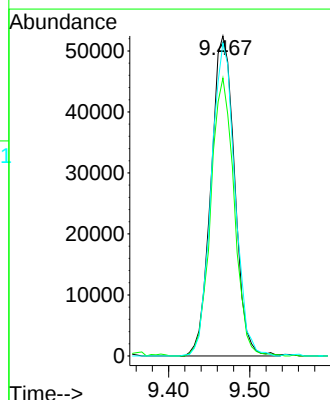
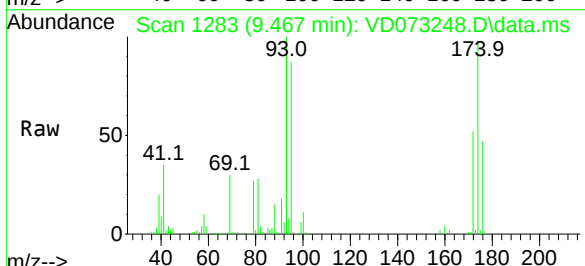
Tgt Ion: 93 Resp: 106037

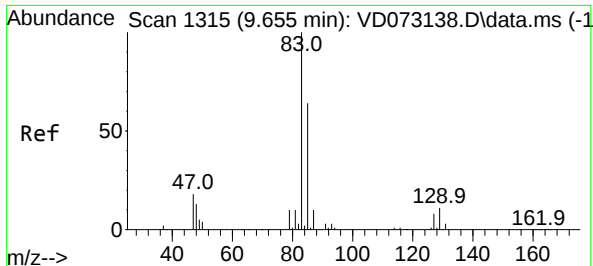
Ion Ratio Lower Upper

93 100

95 85.9 66.7 100.1

174 97.6 71.6 107.4

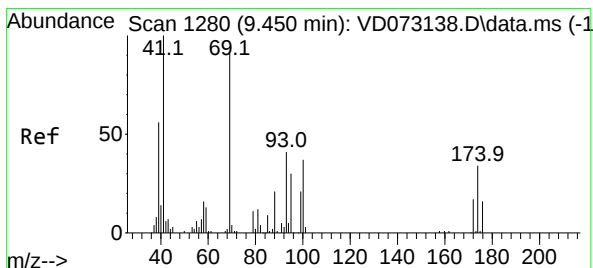
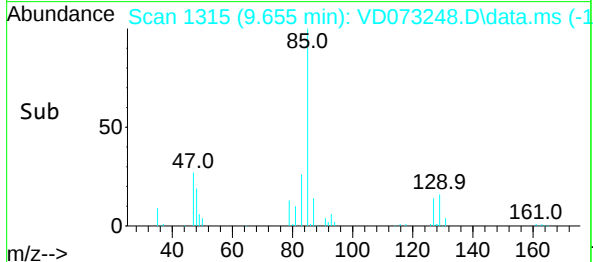
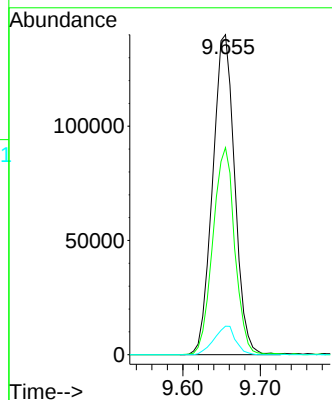
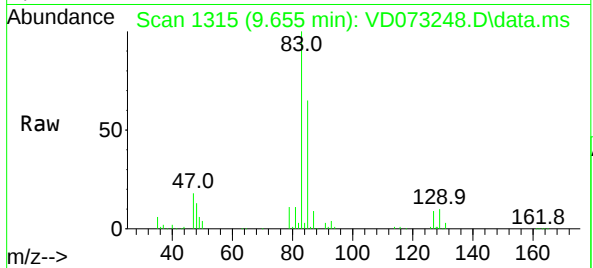




#47
Bromodichloromethane
Concen: 48.758 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

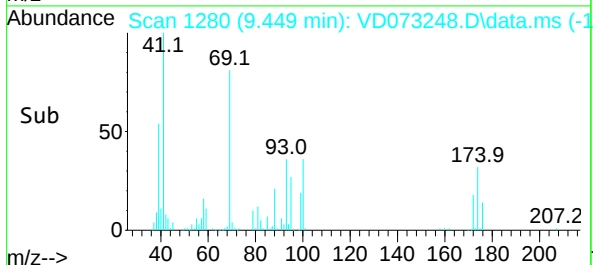
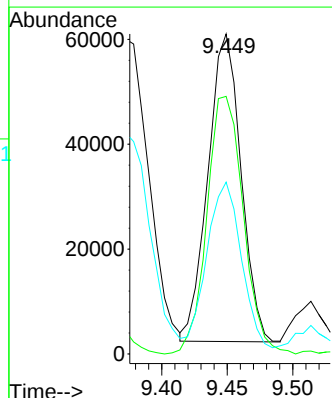
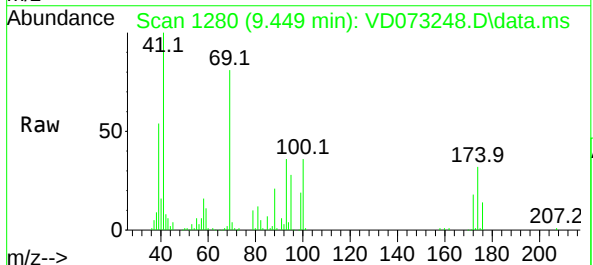
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

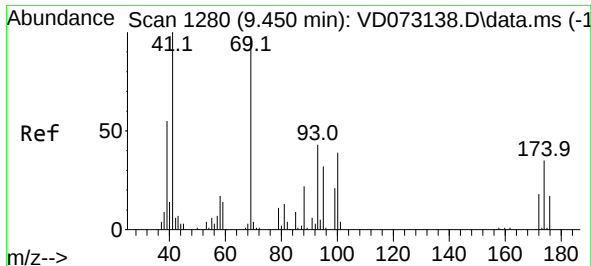
Tgt Ion: 83 Resp: 278252
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0
127 8.9 6.1 9.1



#48
Methyl methacrylate
Concen: 50.013 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 41 Resp: 102787
Ion Ratio Lower Upper
41 100
69 92.2 56.7 85.1#
39 60.1 42.7 64.1





#49

1,4-Dioxane

Concen: 1149.747 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.005 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

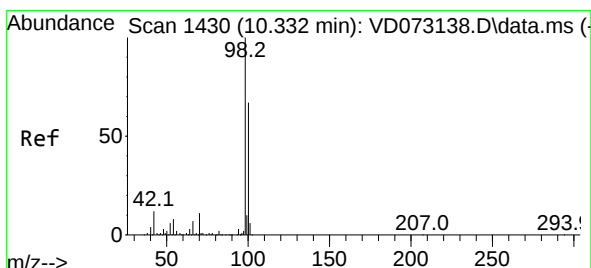
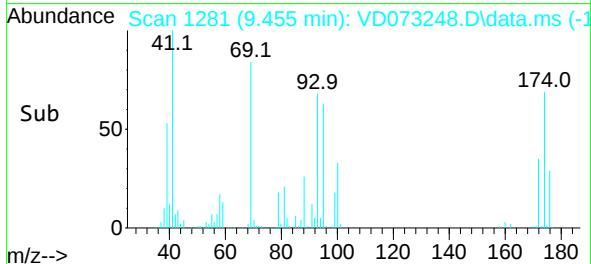
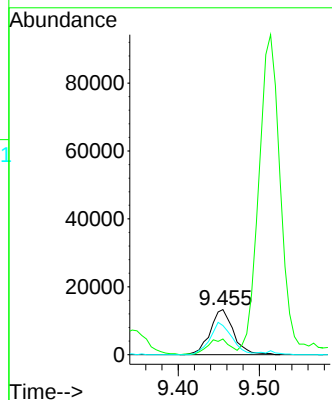
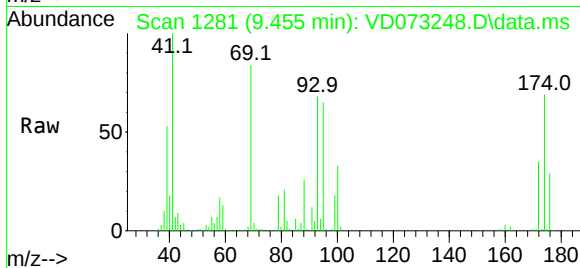
Tgt Ion: 88 Resp: 26482

Ion Ratio Lower Upper

88 100

43 33.6 31.0 46.4

58 66.6 58.1 87.1



#50

Toluene-d8

Concen: 52.654 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD073248.D

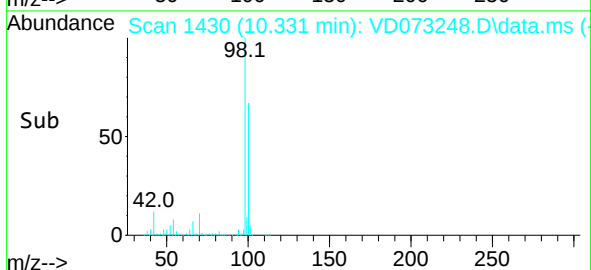
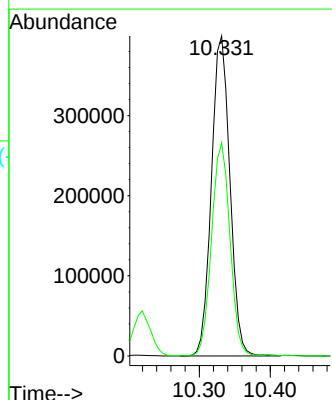
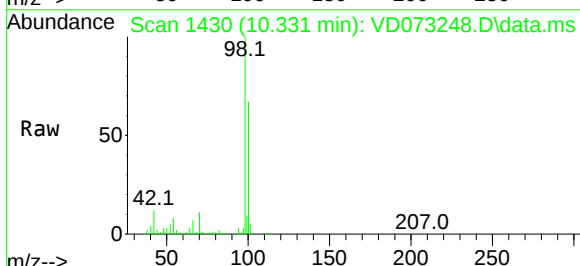
Acq: 22 May 2022 00:16

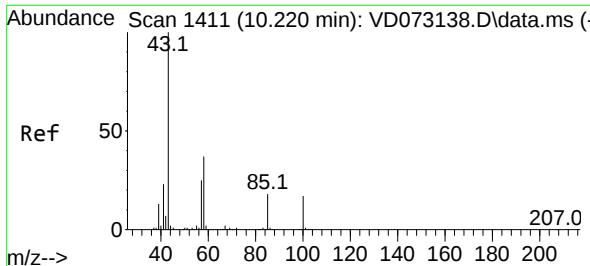
Tgt Ion: 98 Resp: 722084

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

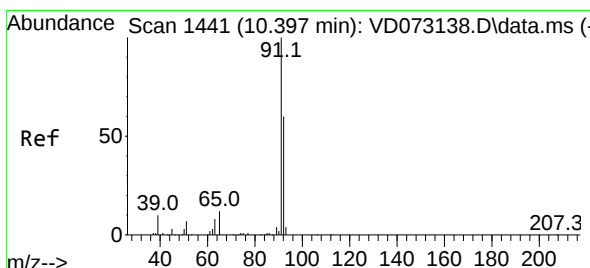
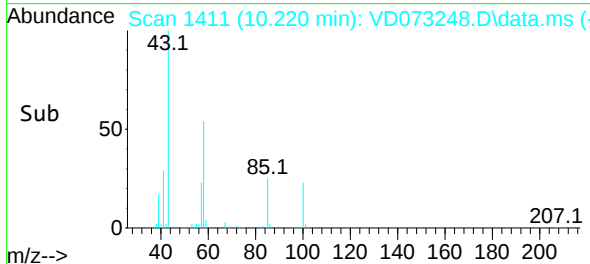
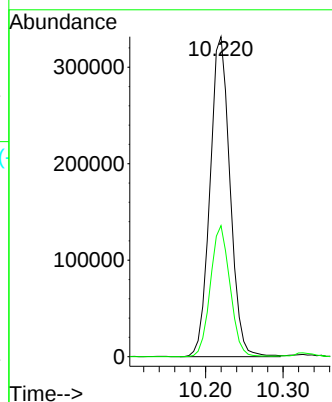
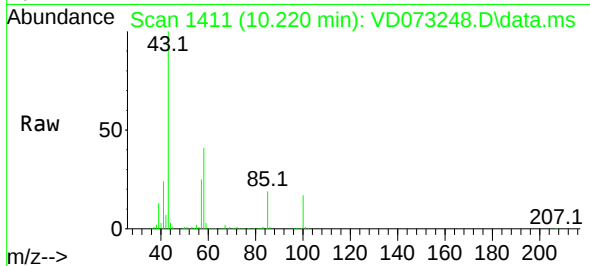




#51
4-Methyl-2-Pentanone
Concen: 280.631 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

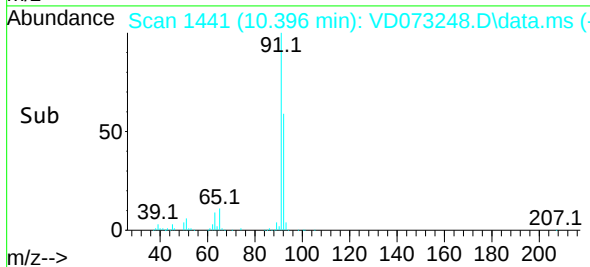
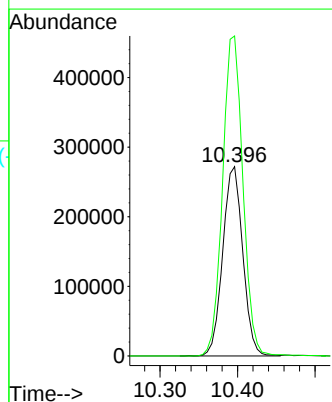
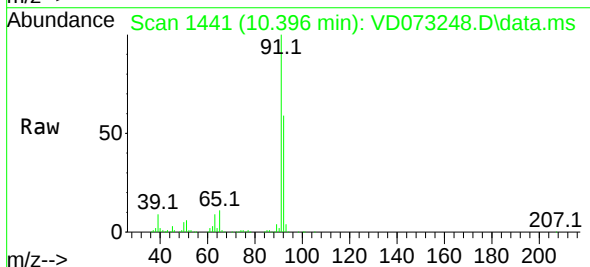
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

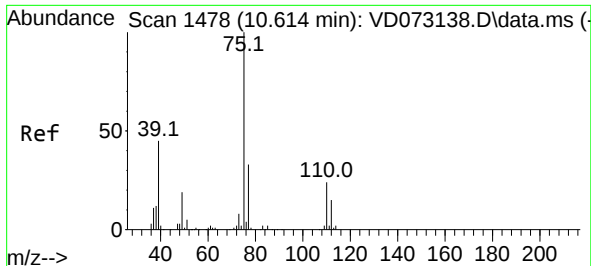
Tgt Ion: 43 Resp: 595403
Ion Ratio Lower Upper
43 100
58 40.1 28.6 43.0



#52
Toluene
Concen: 48.017 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 92 Resp: 489290
Ion Ratio Lower Upper
92 100
91 171.5 139.6 209.4

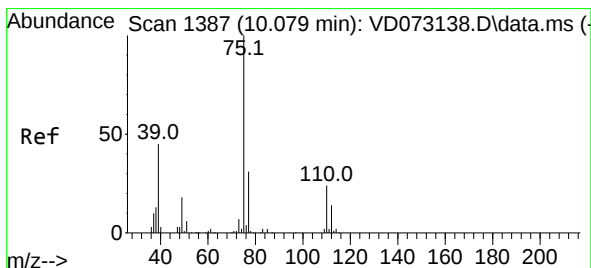
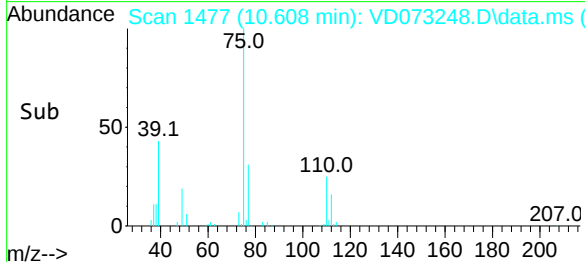
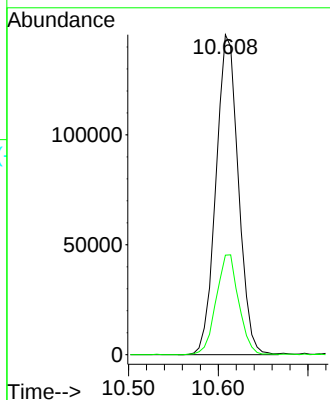
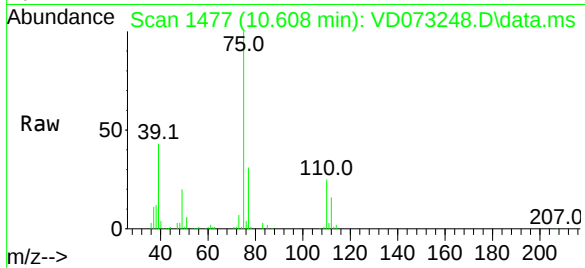




#53
 t-1,3-Dichloropropene
 Concen: 48.908 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

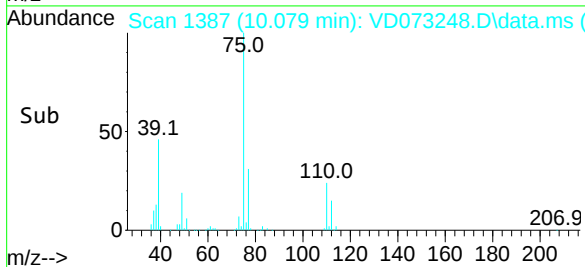
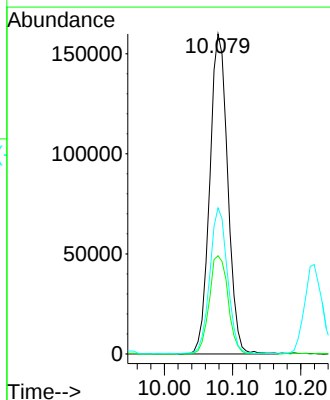
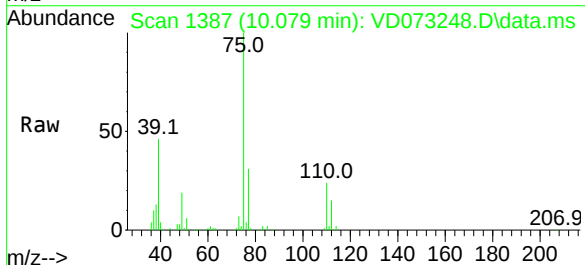
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

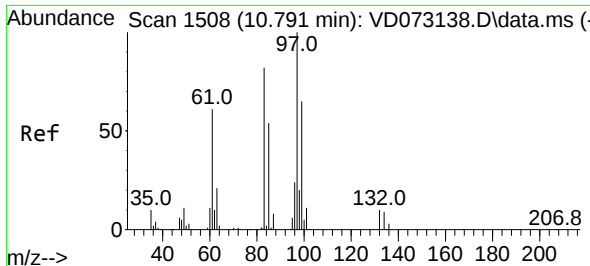
Tgt Ion: 75 Resp: 252150
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 47.566 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

Tgt Ion: 75 Resp: 293466
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2
 39 45.6 46.8 70.2#



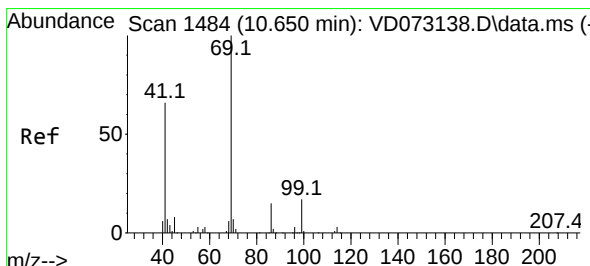
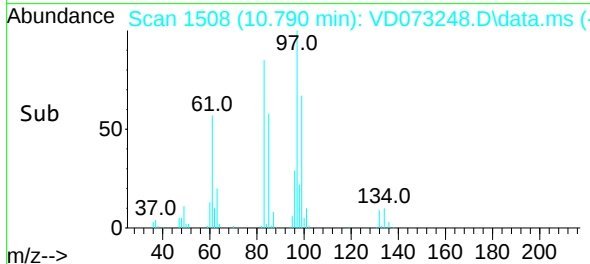
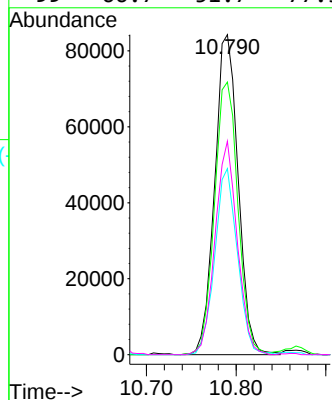
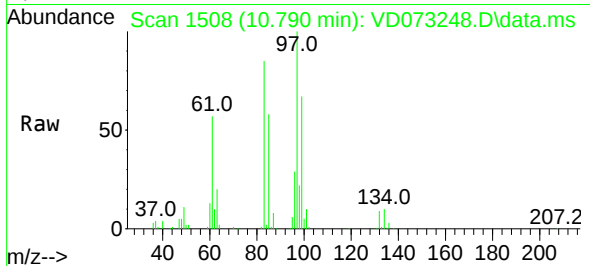


#55
1,1,2-Trichloroethane
Concen: 50.716 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 152962

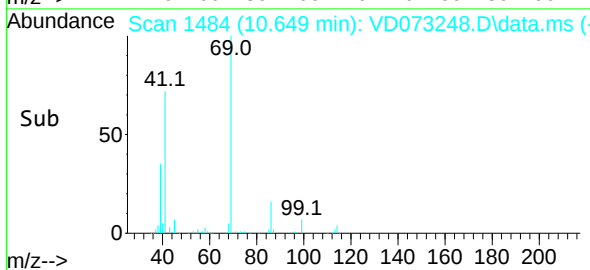
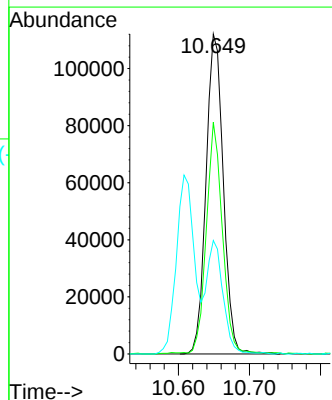
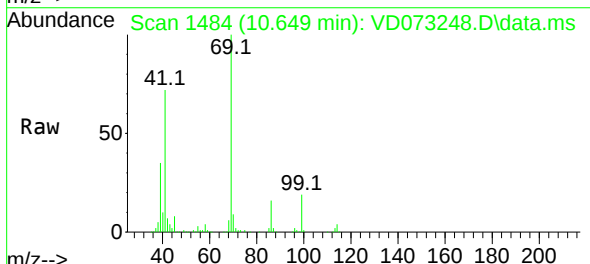
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.0	103.4
85	58.2	42.6	63.8
99	66.7	51.7	77.5

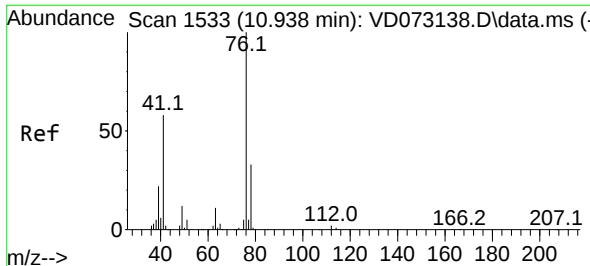


#56
Ethyl methacrylate
Concen: 56.487 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 69 Resp: 189419

Ion	Ratio	Lower	Upper
69	100		
41	66.7	63.0	94.6
39	33.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 51.055 ug/l

RT: 10.937 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

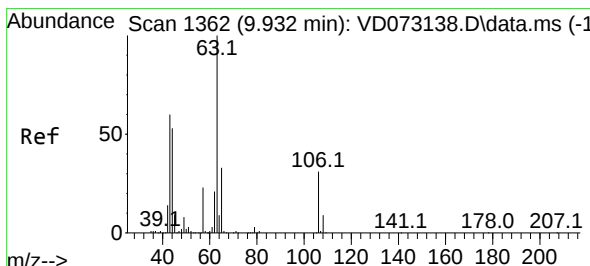
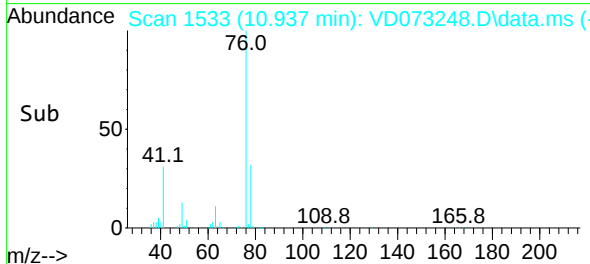
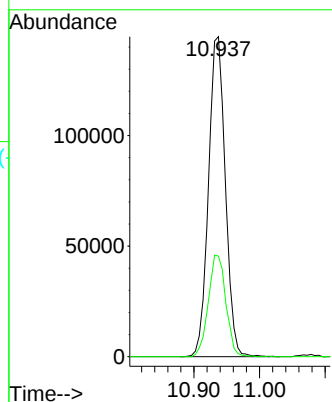
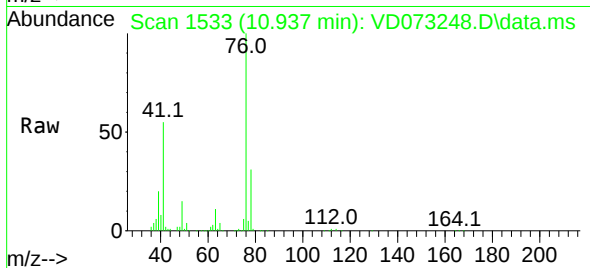
VSTDCCC050EC

Tgt Ion: 76 Resp: 258371

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 256.446 ug/l

RT: 9.931 min Scan# 1362

Delta R.T. -0.001 min

Lab File: VD073248.D

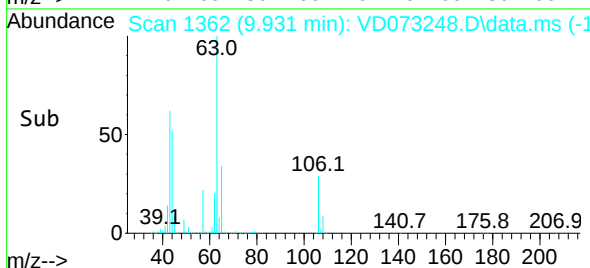
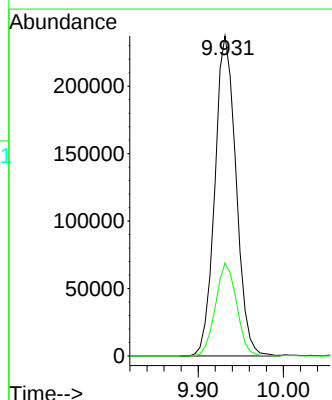
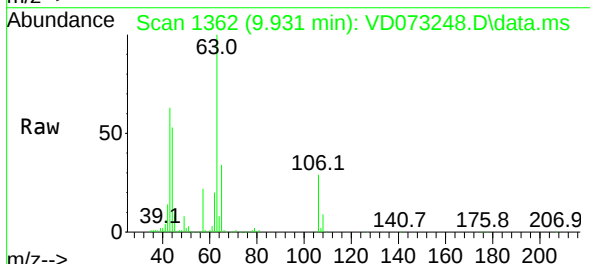
Acq: 22 May 2022 00:16

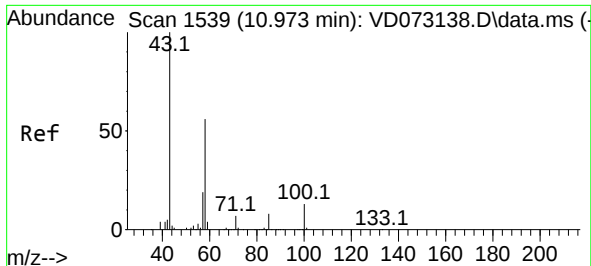
Tgt Ion: 63 Resp: 409539

Ion Ratio Lower Upper

63 100

106 28.9 21.4 32.0

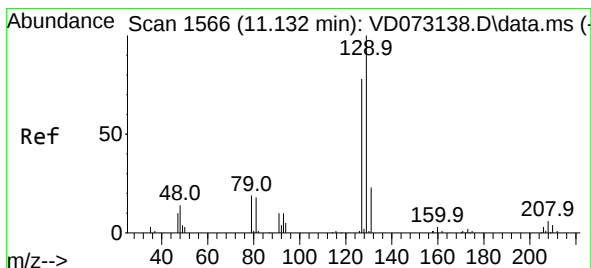
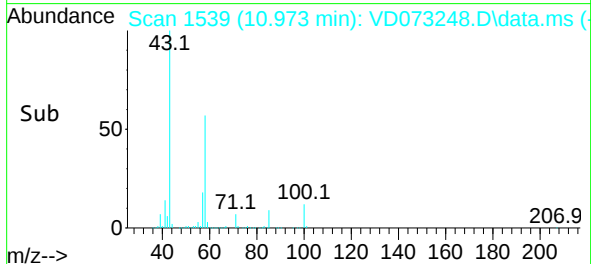
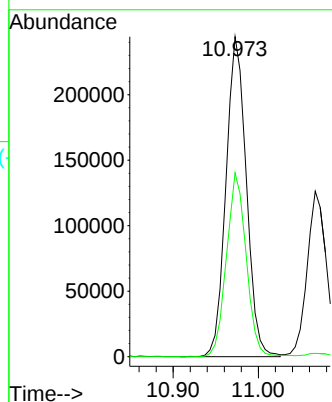
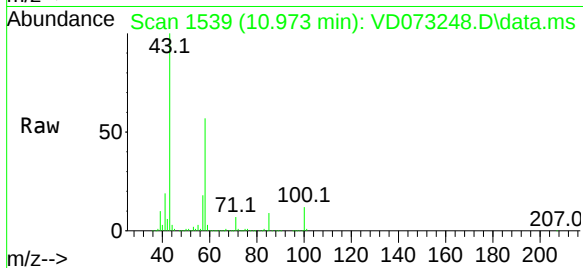




#59
2-Hexanone
Concen: 289.441 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

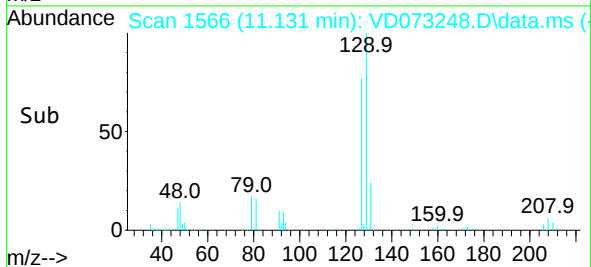
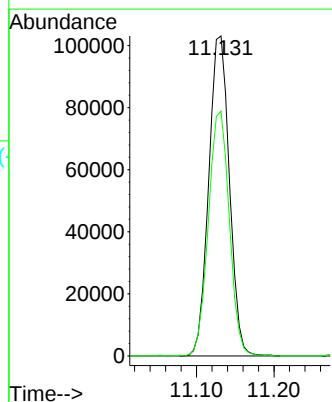
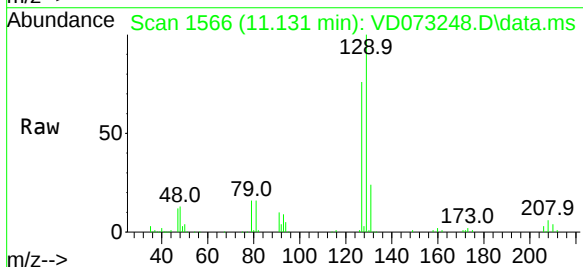
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

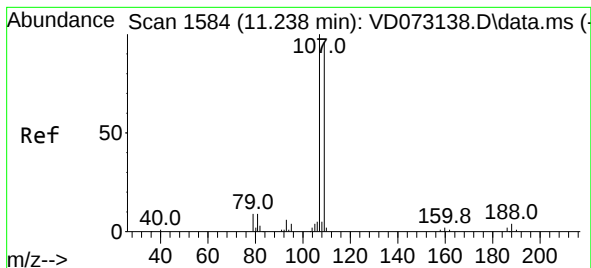
Tgt Ion: 43 Resp: 404863
Ion Ratio Lower Upper
43 100
58 55.8 25.3 75.9



#60
Dibromochloromethane
Concen: 50.673 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 129 Resp: 190568
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

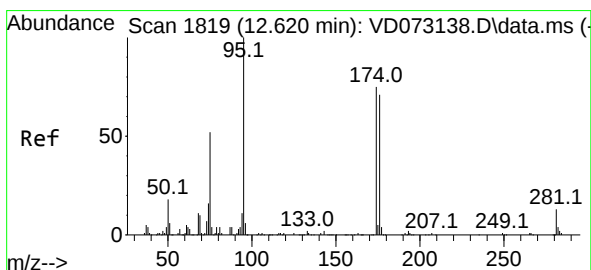
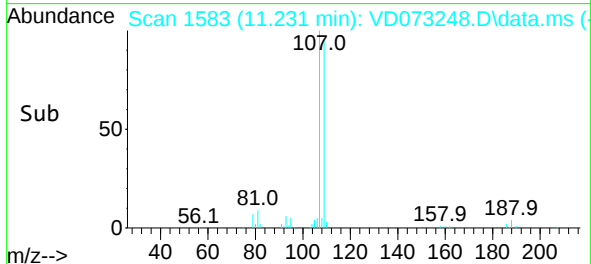
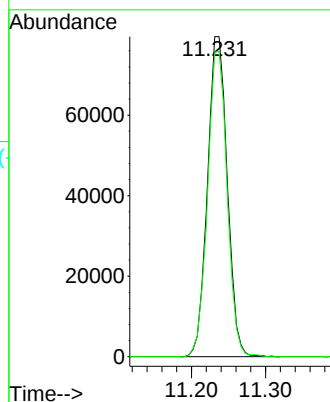
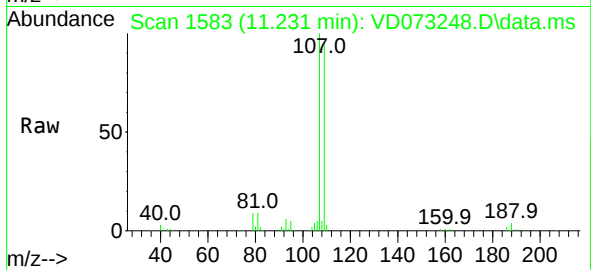




#61
1,2-Dibromoethane
Concen: 51.222 ug/l
RT: 11.231 min Scan# 11
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

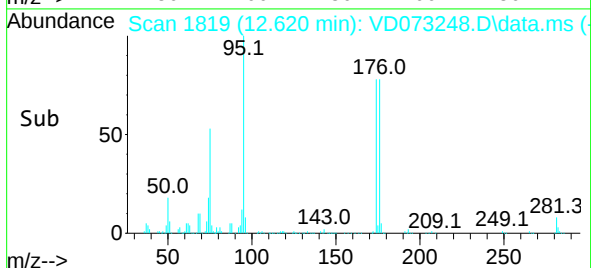
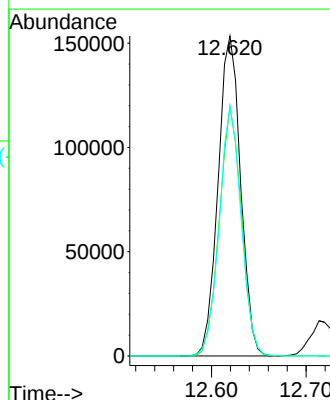
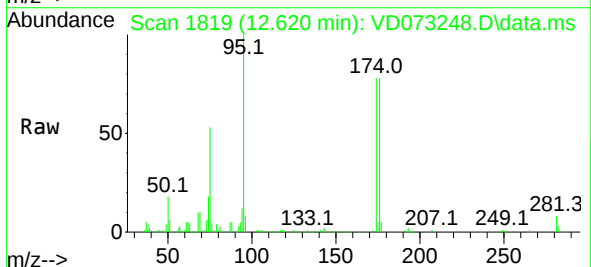
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

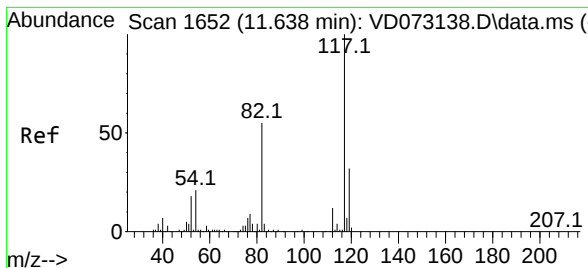
Tgt Ion:107 Resp: 147624
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.656 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 95 Resp: 253417
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 76.1 0.0 145.4

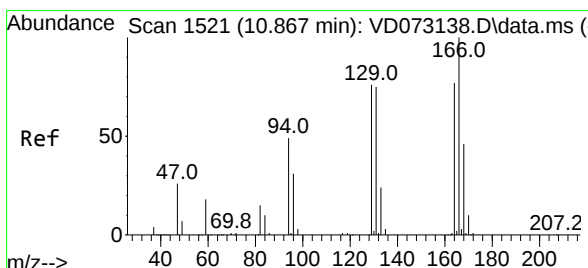
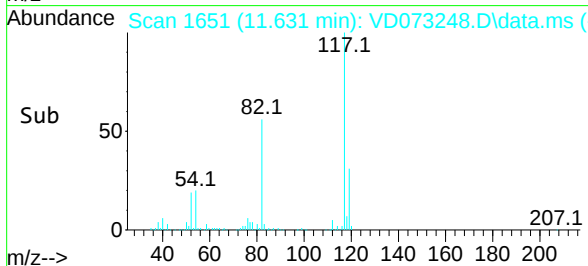
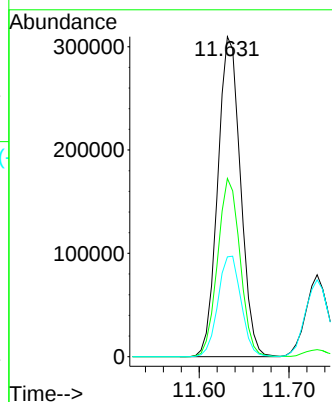
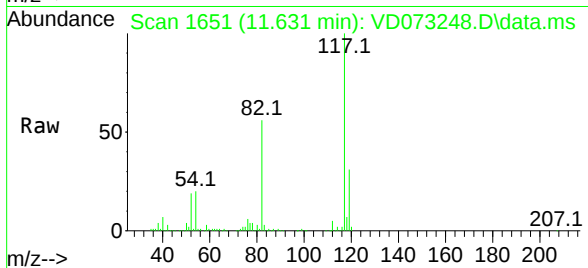




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

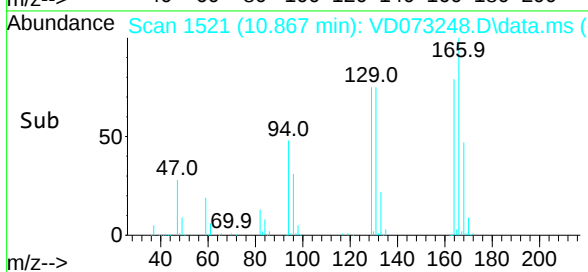
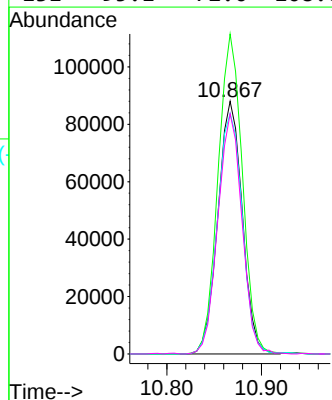
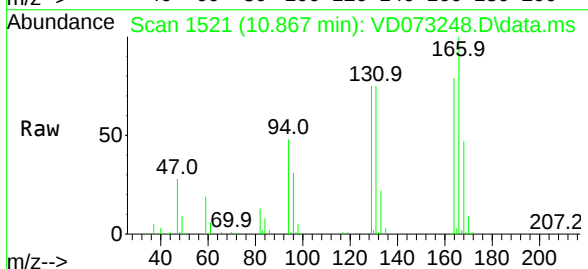
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

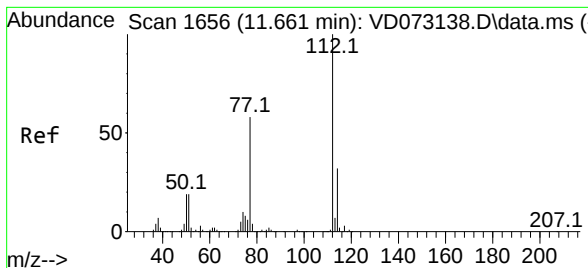
Tgt Ion:117 Resp: 545320
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 44.053 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:164 Resp: 157345
Ion Ratio Lower Upper
164 100
166 126.7 98.5 147.7
129 95.3 74.6 111.8
131 95.1 72.0 108.0

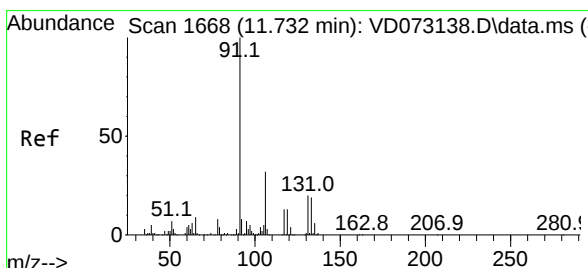
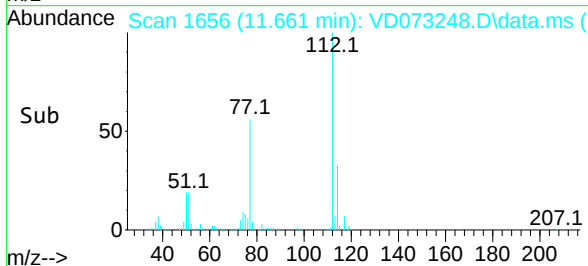
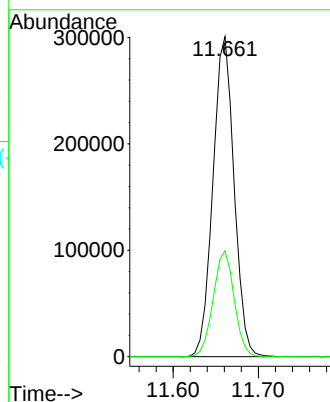
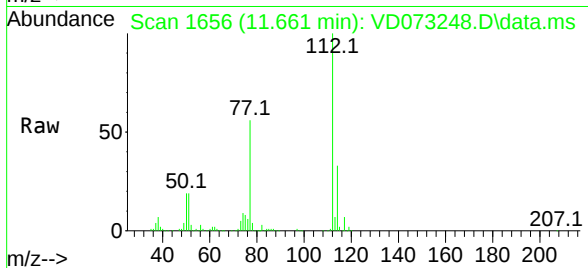




#65
Chlorobenzene
Concen: 46.337 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

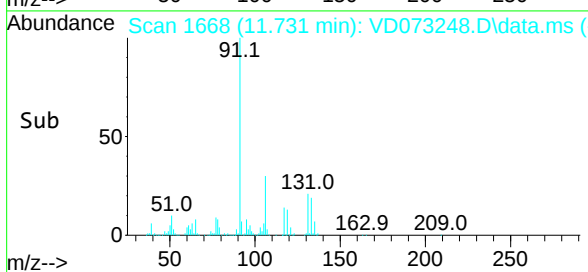
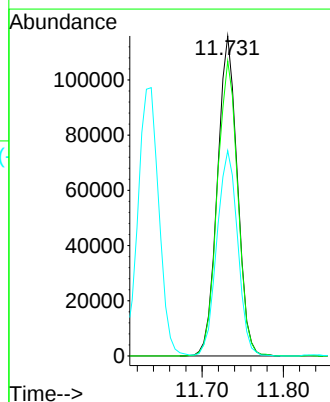
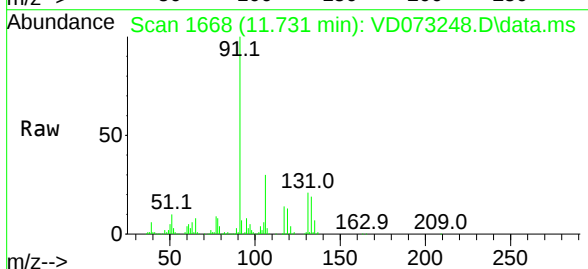
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

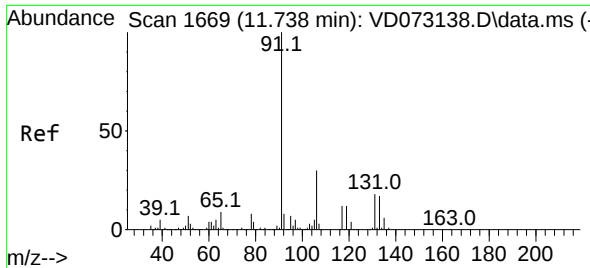
Tgt Ion:112 Resp: 518374
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.705 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:131 Resp: 197926
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.3
119 66.9 31.9 95.9

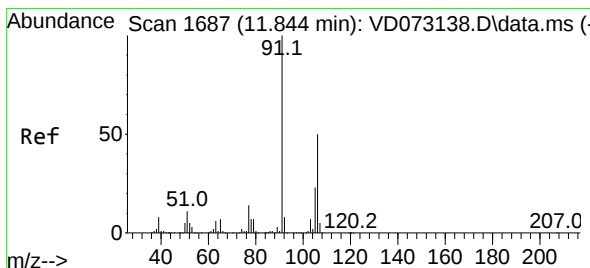
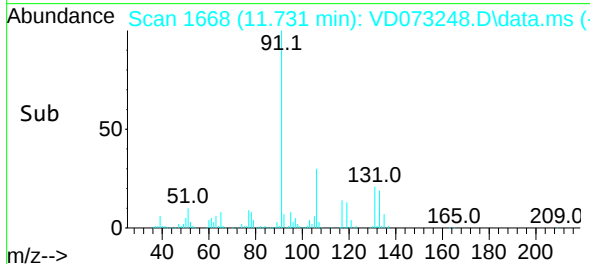
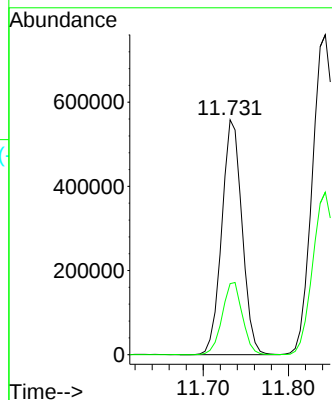
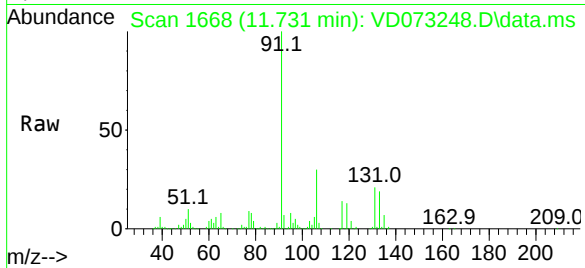




#67
Ethyl Benzene
Concen: 46.977 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

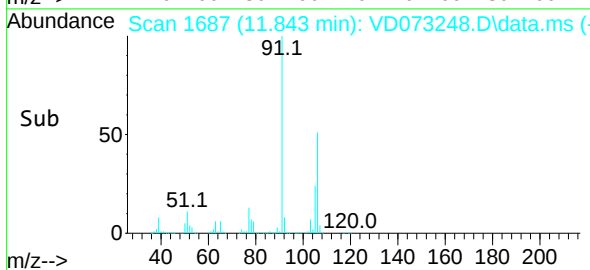
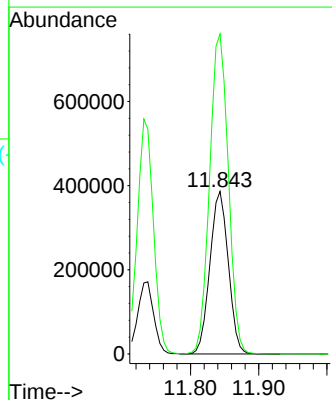
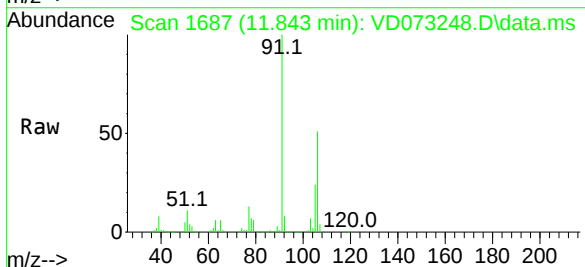
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

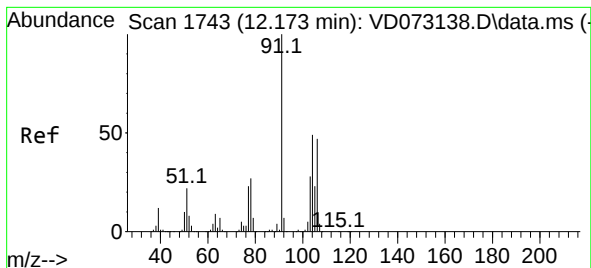
Tgt Ion: 91 Resp: 922565
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4



#68
m/p-Xylenes
Concen: 95.103 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 106 Resp: 725624
Ion Ratio Lower Upper
106 100
91 200.2 163.7 245.5





#69

o-Xylene

Concen: 48.925 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

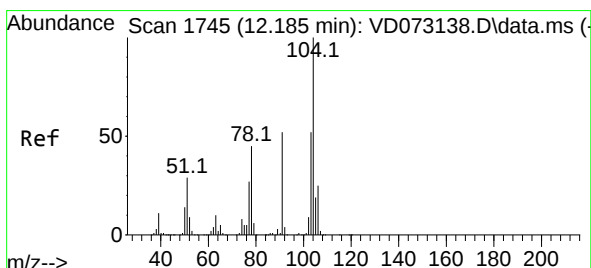
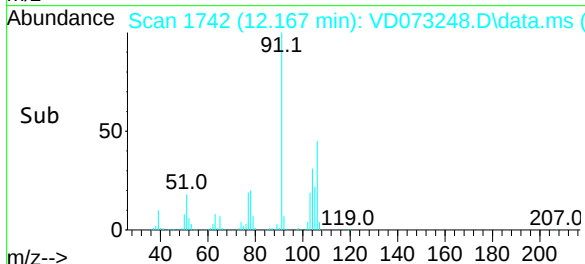
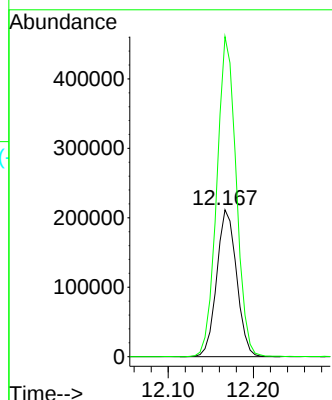
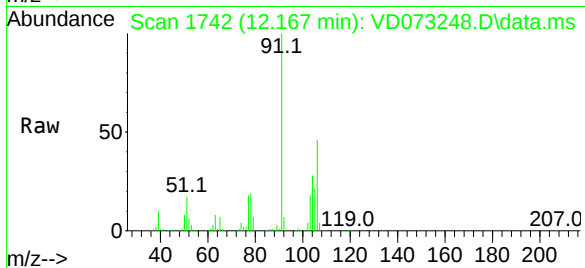
VSTDCCC050EC

Tgt Ion:106 Resp: 342927

Ion Ratio Lower Upper

106 100

91 213.2 110.4 331.2



#70

Styrene

Concen: 49.855 ug/l

RT: 12.184 min Scan# 1745

Delta R.T. -0.001 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

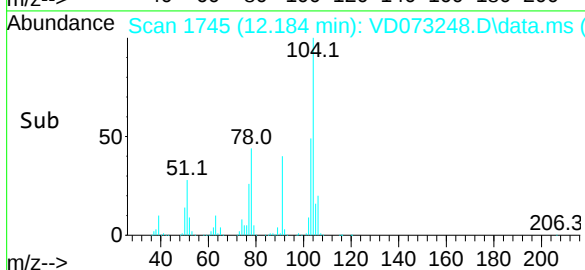
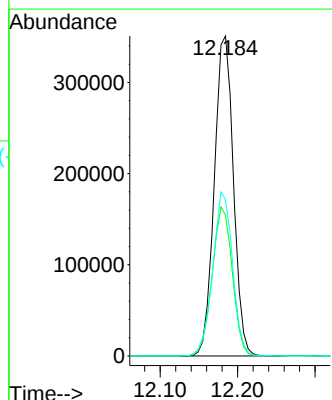
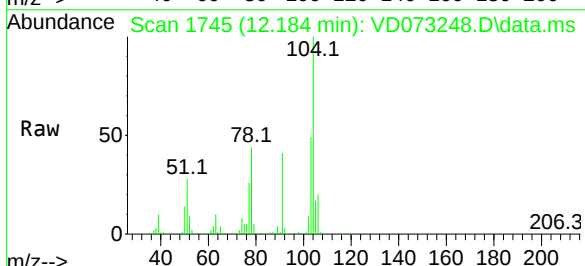
Tgt Ion:104 Resp: 601213

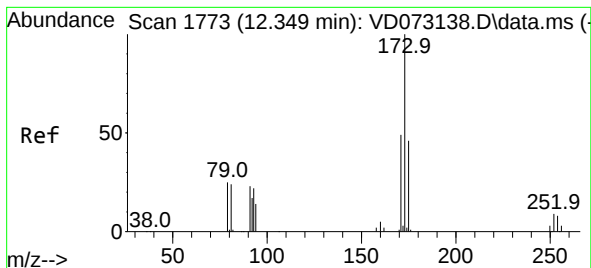
Ion Ratio Lower Upper

104 100

78 49.2 41.8 62.8

103 53.0 44.2 66.4





#71

Bromoform

Concen: 52.589 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

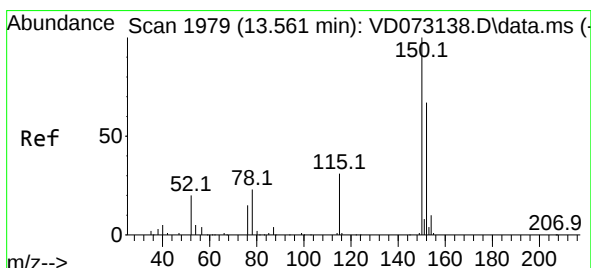
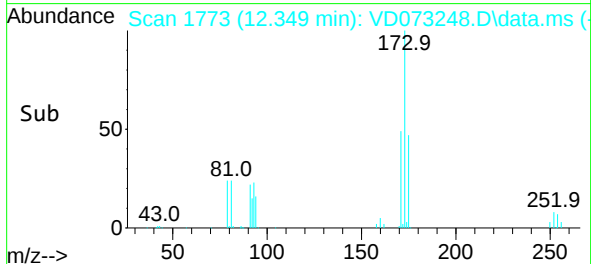
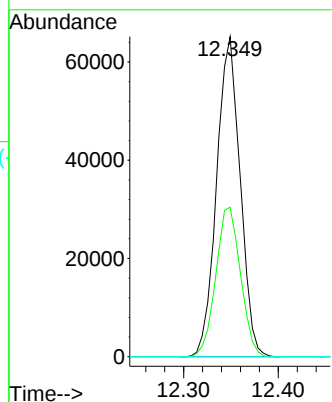
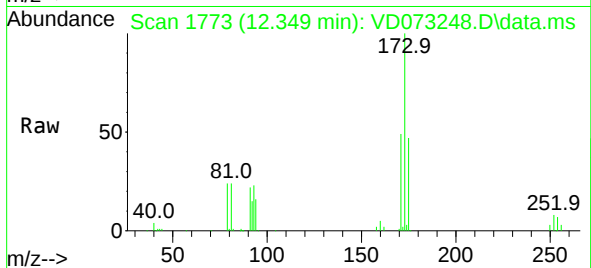
Tgt Ion:173 Resp: 112295

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

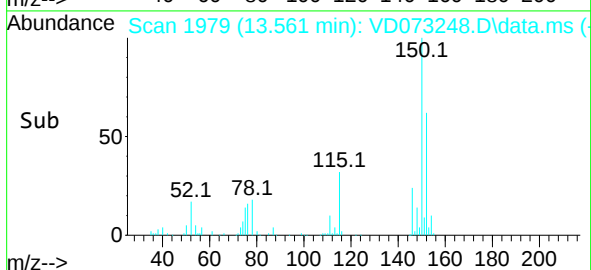
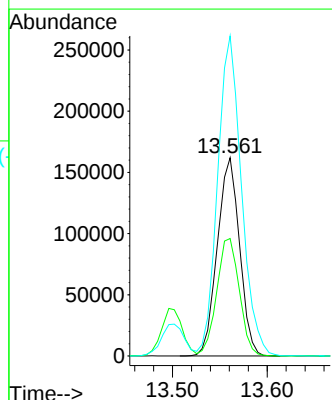
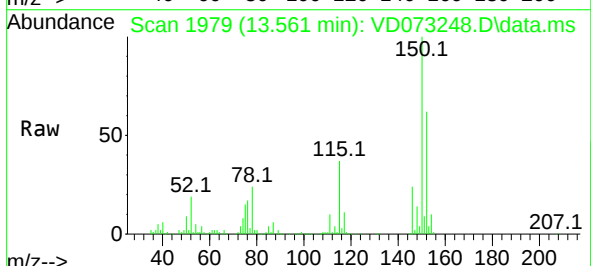
Tgt Ion:152 Resp: 264642

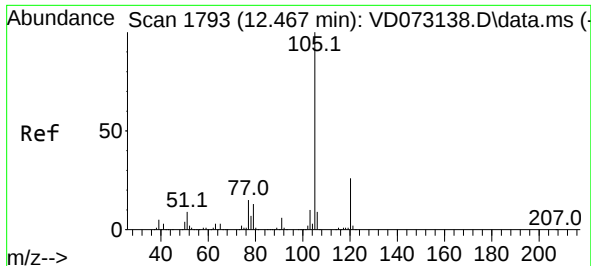
Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 172.9 0.0 348.6

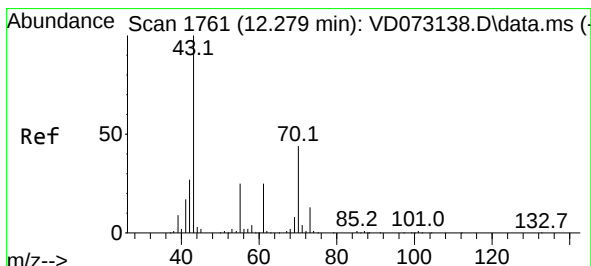
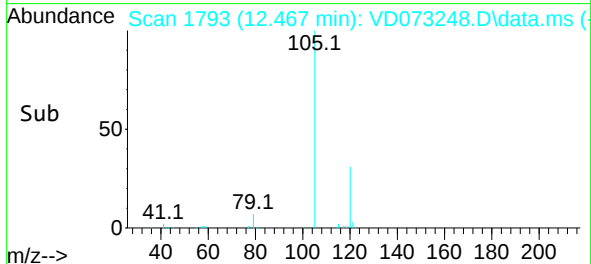
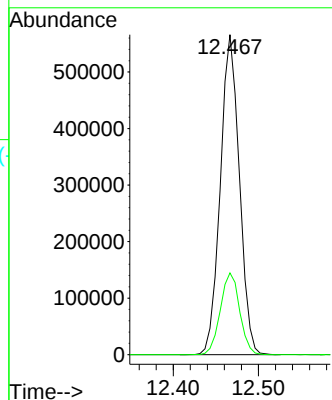
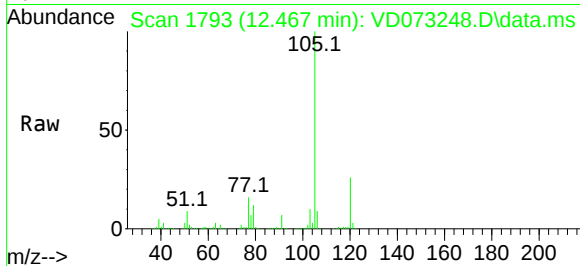




#73
Isopropylbenzene
Concen: 46.620 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

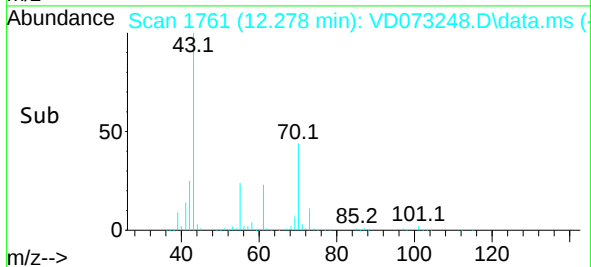
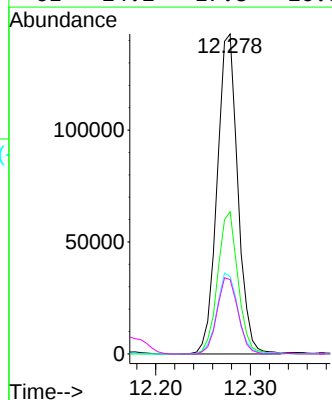
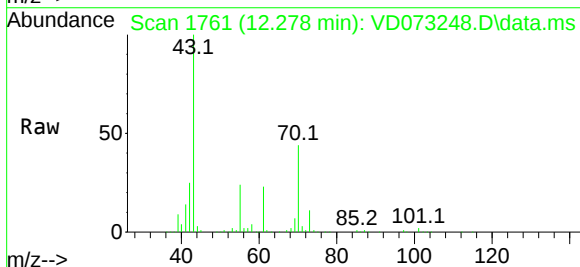
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

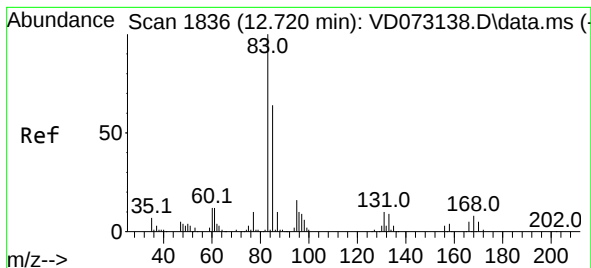
Tgt Ion:105 Resp: 879541
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 52.707 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 43 Resp: 216924
Ion Ratio Lower Upper
43 100
70 43.9 31.3 46.9
55 26.0 20.0 30.0
61 24.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.036 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

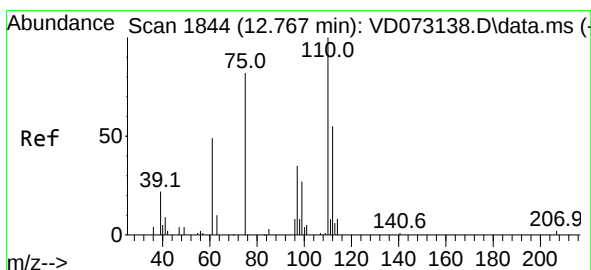
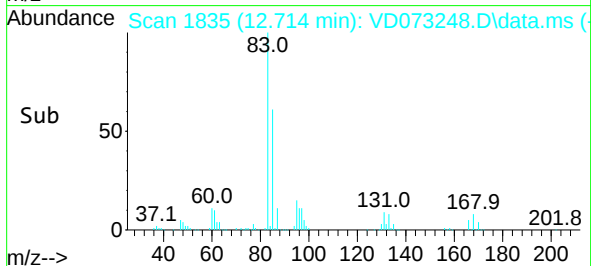
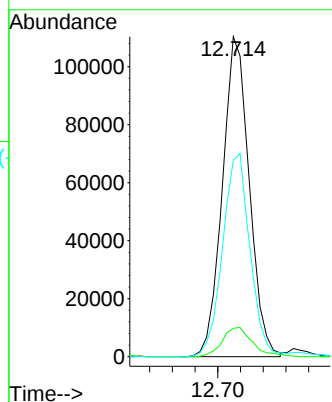
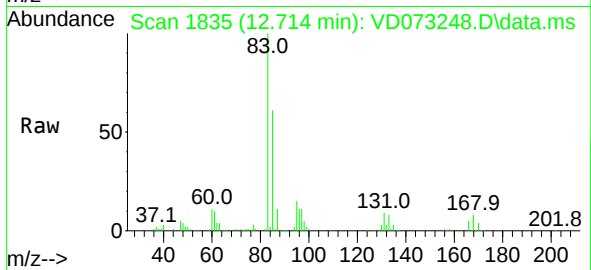
Tgt Ion: 83 Resp: 181058

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 64.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 83.426 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VD073248.D

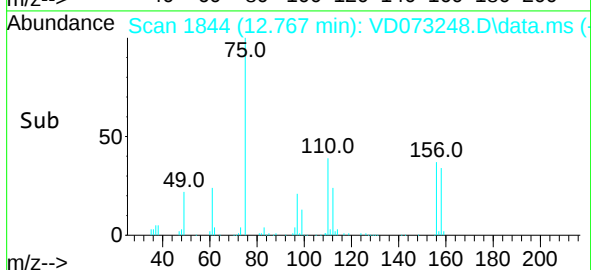
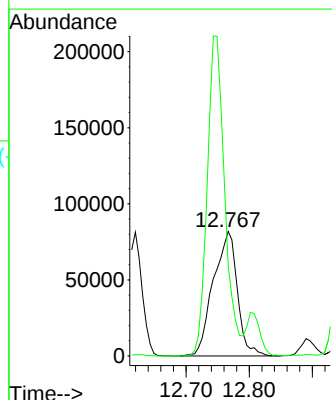
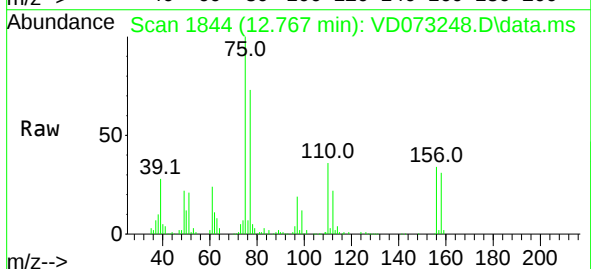
Acq: 22 May 2022 00:16

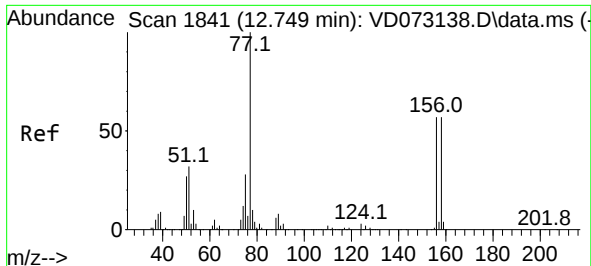
Tgt Ion: 75 Resp: 216624

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

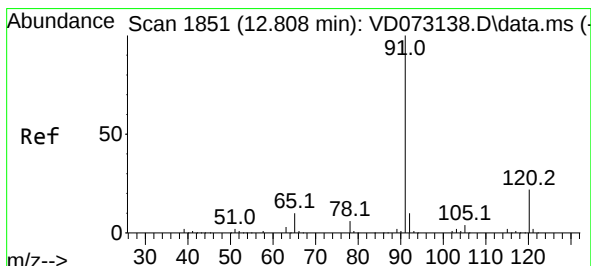
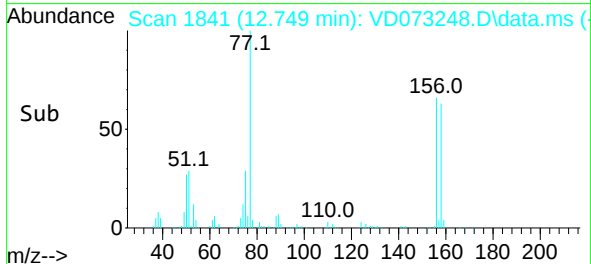
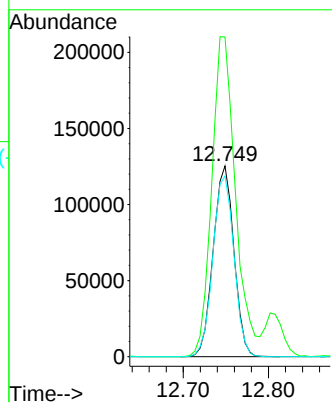
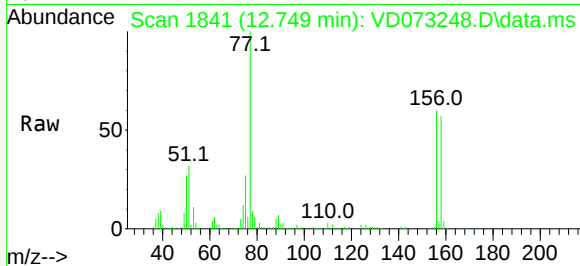




#77
Bromobenzene
Concen: 47.659 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

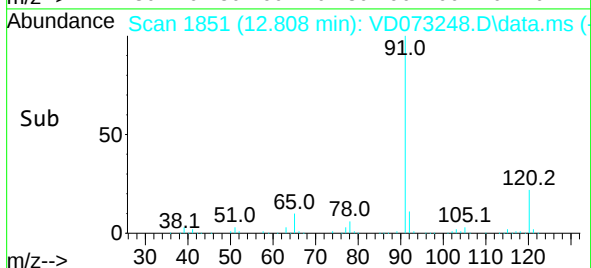
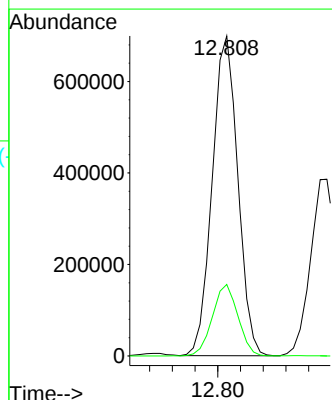
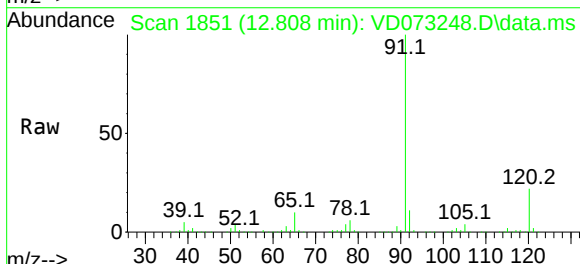
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

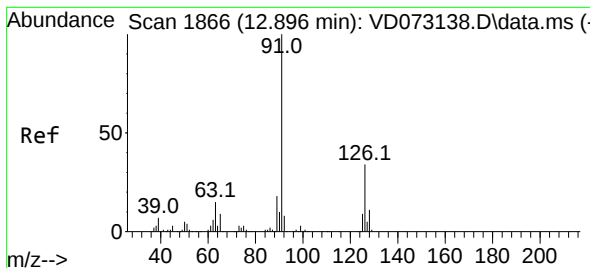
Tgt Ion:156 Resp: 211658
Ion Ratio Lower Upper
156 100
77 192.4 102.8 308.3
158 96.7 48.7 146.1



#78
n-propylbenzene
Concen: 46.174 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 91 Resp: 1093639
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#79

2-Chlorotoluene

Concen: 46.920 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

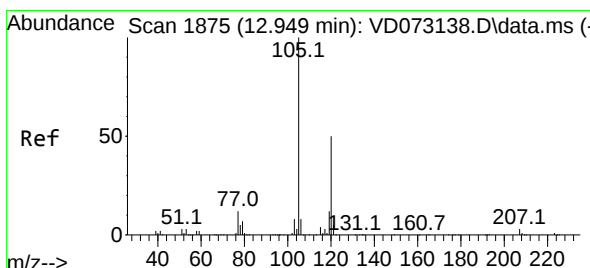
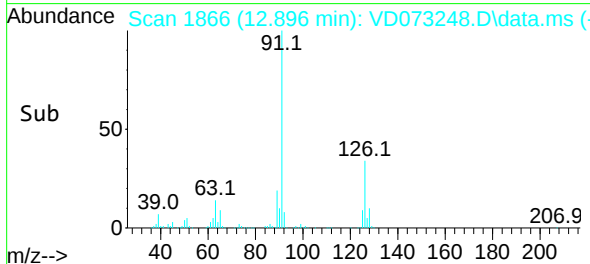
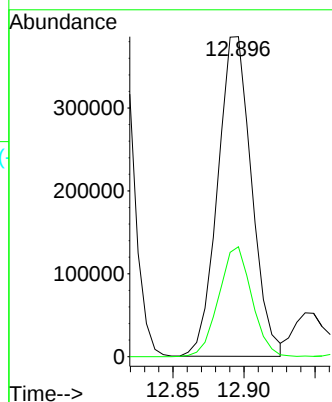
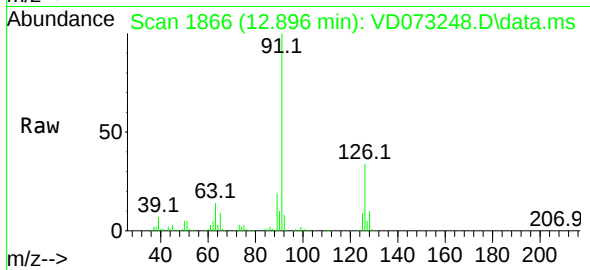
VSTDCCC050EC

Tgt Ion: 91 Resp: 641656

Ion Ratio Lower Upper

91 100

126 33.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 47.120 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VD073248.D

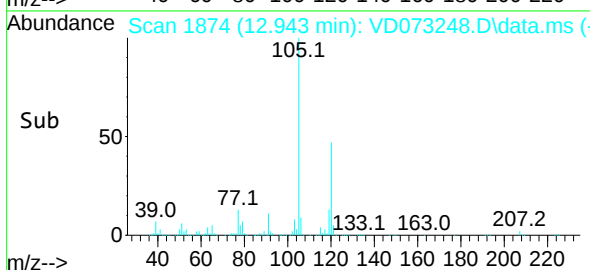
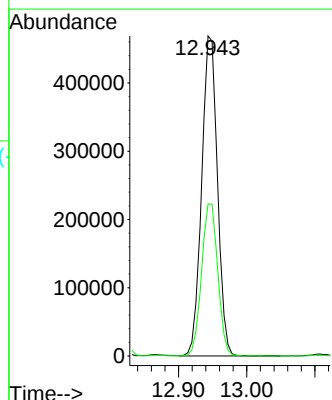
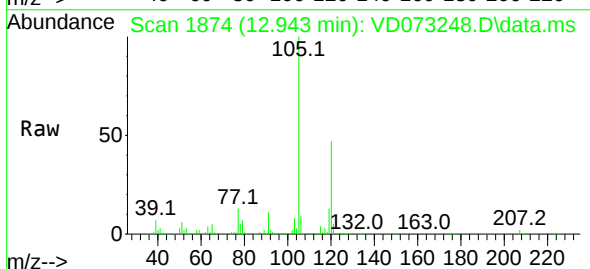
Acq: 22 May 2022 00:16

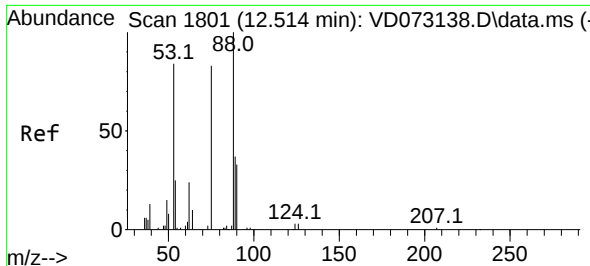
Tgt Ion: 105 Resp: 753050

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

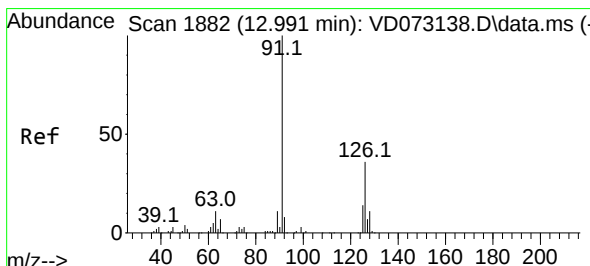
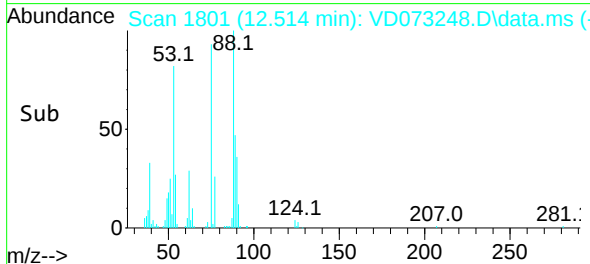
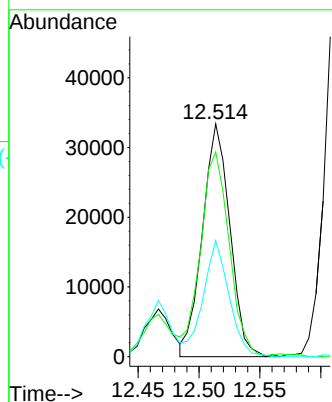
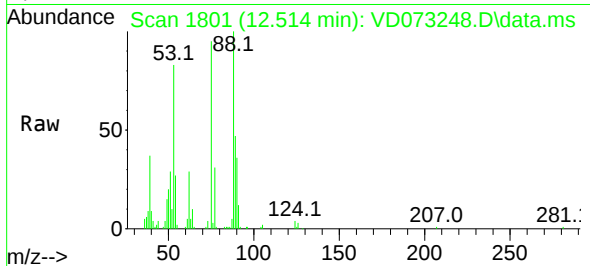




#81
trans-1,4-Dichloro-2-butene
Concen: 48.402 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

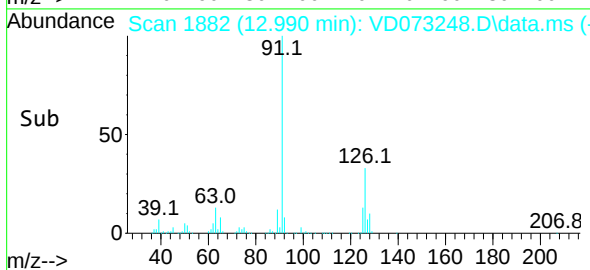
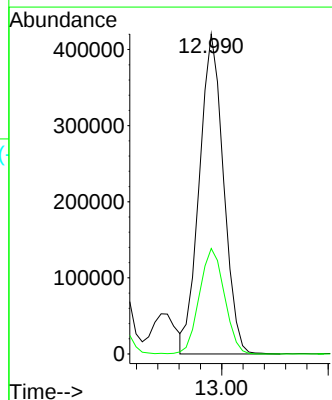
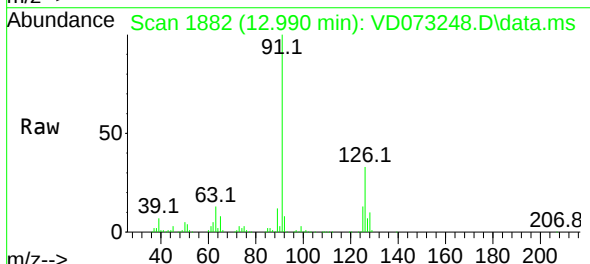
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

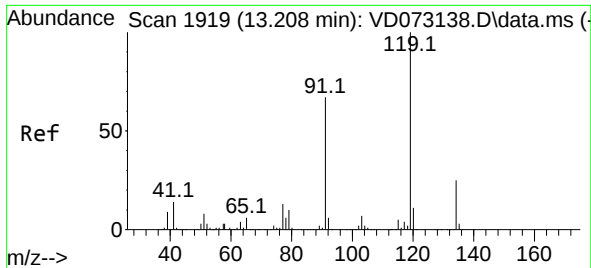
Tgt Ion: 75 Resp: 52352
Ion Ratio Lower Upper
75 100
53 90.4 86.5 129.7
89 47.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 46.249 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 91 Resp: 662936
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

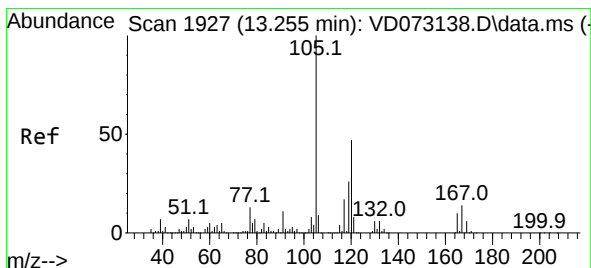
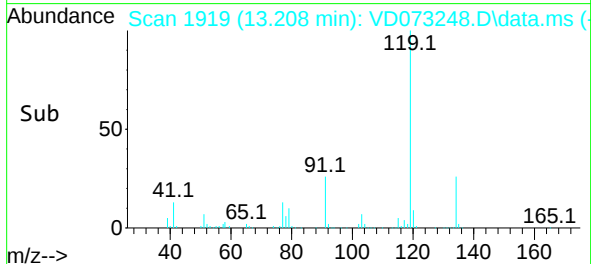
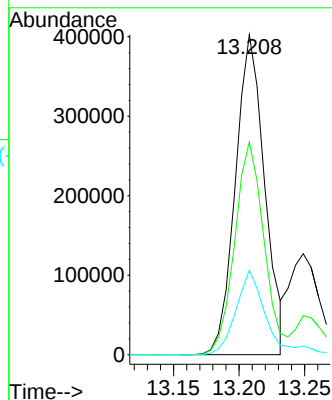
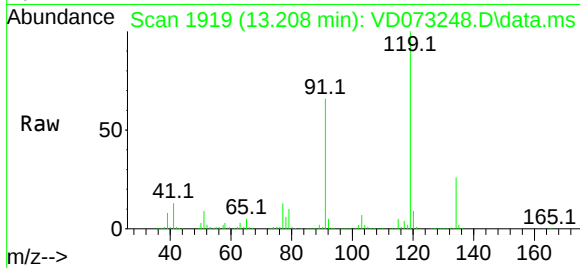




#83
 tert-Butylbenzene
 Concen: 46.283 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

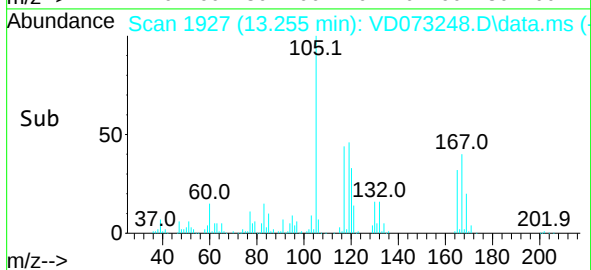
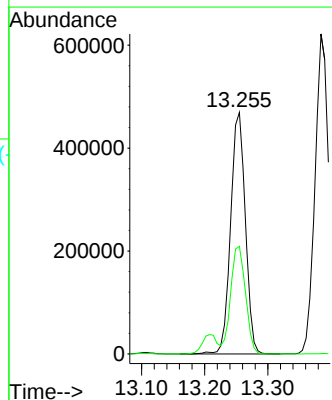
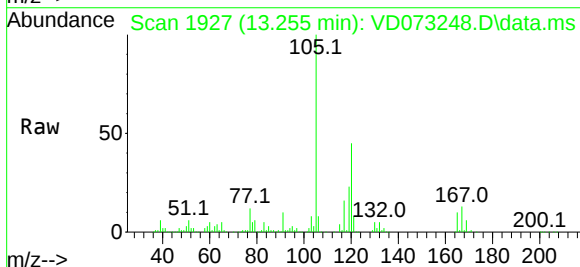
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

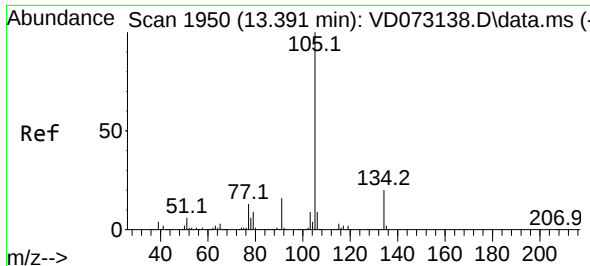
Tgt Ion:119 Resp: 623394
 Ion Ratio Lower Upper
 119 100
 91 66.9 34.8 104.5
 134 27.4 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.065 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

Tgt Ion:105 Resp: 758858
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8

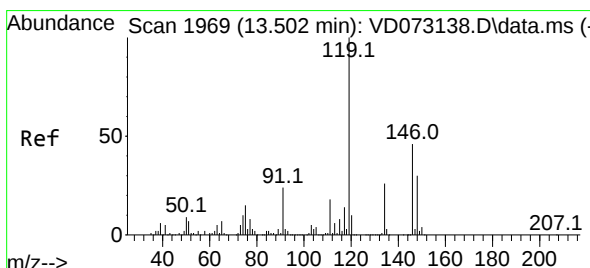
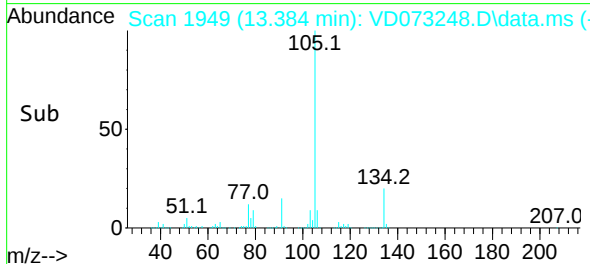
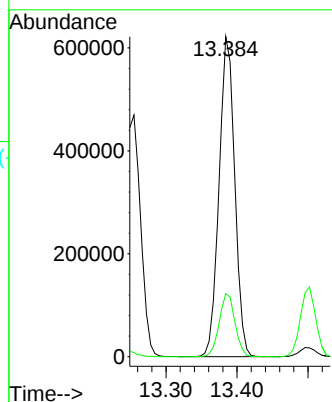
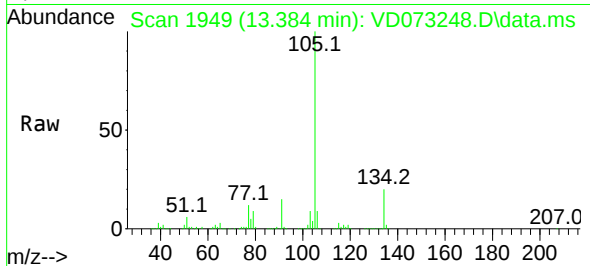




#85
 sec-Butylbenzene
 Concen: 46.155 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.007 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

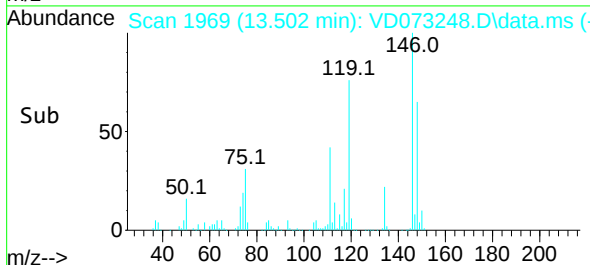
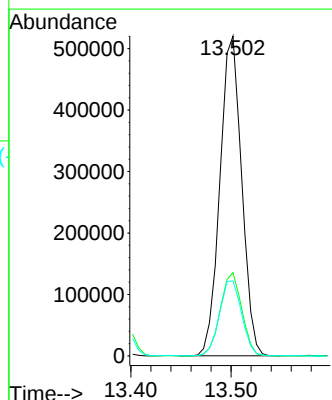
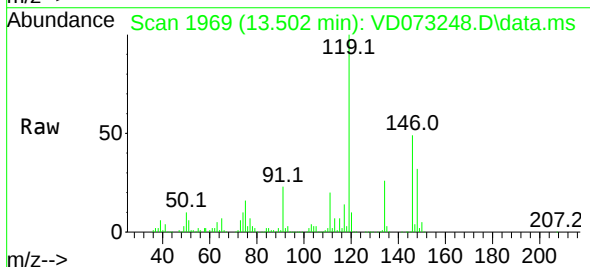
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

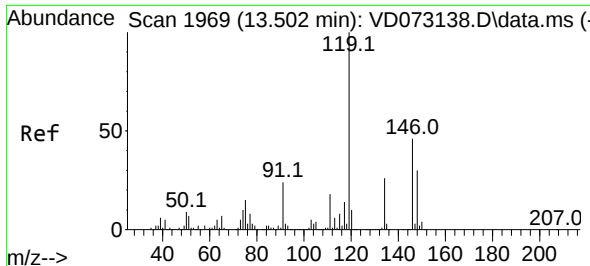
Tgt Ion:105 Resp: 949231
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.675 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073248.D
 Acq: 22 May 2022 00:16

Tgt Ion:119 Resp: 782500
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.1 12.1 36.3

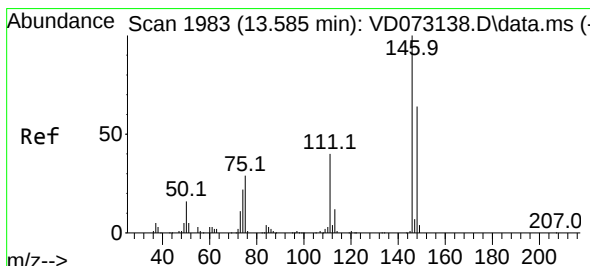
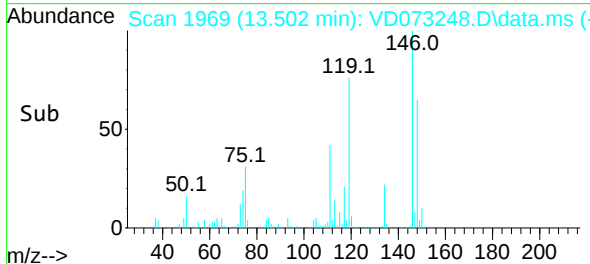
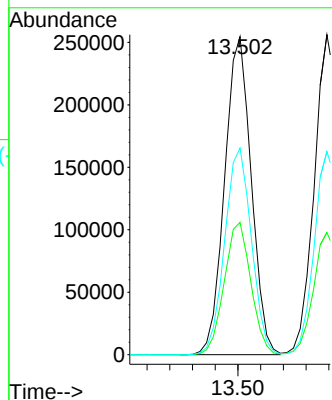
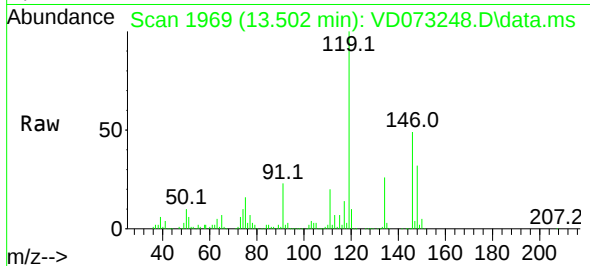




#87
1,3-Dichlorobenzene
Concen: 46.206 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

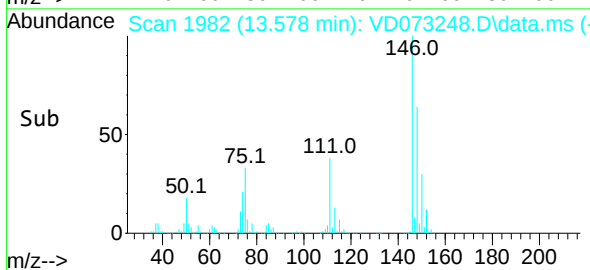
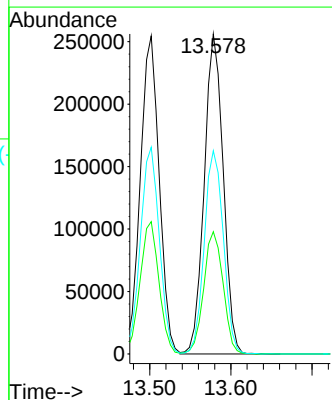
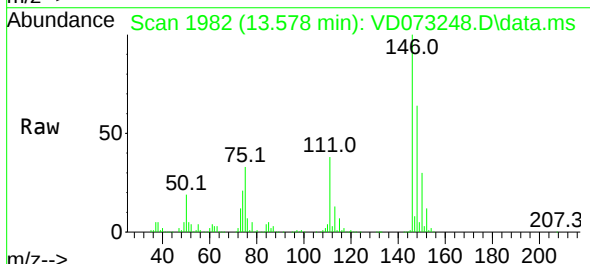
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

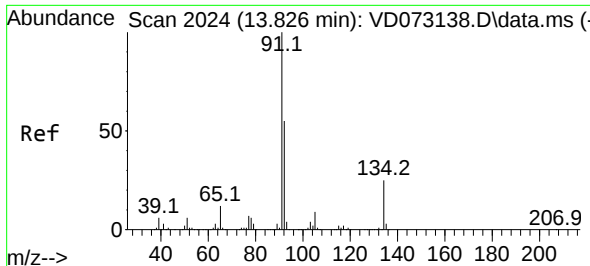
Tgt Ion:146 Resp: 413624
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.3
148 65.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 45.960 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:146 Resp: 415304
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 64.1 31.7 95.1

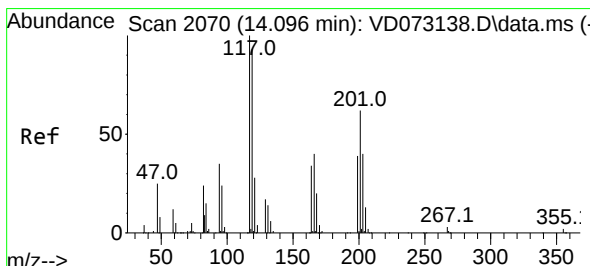
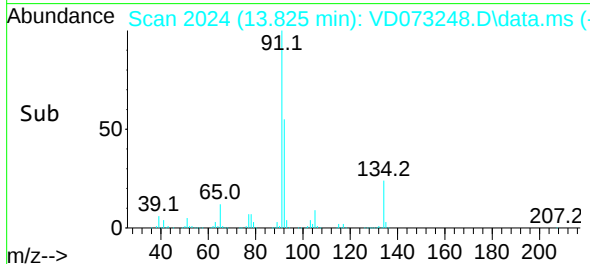
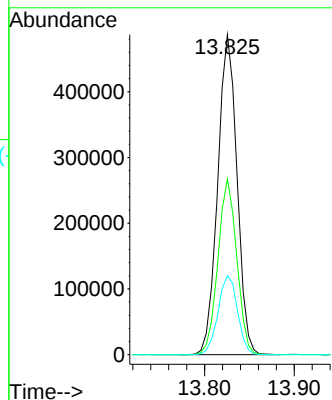
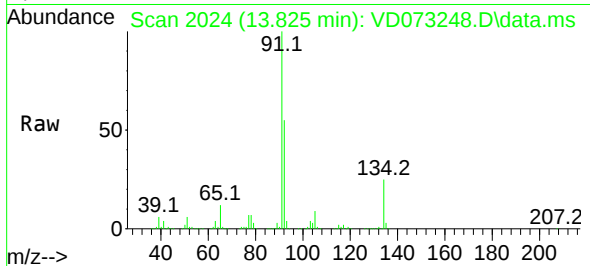




#89
n-Butylbenzene
Concen: 45.491 ug/l
RT: 13.825 min Scan# 20
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

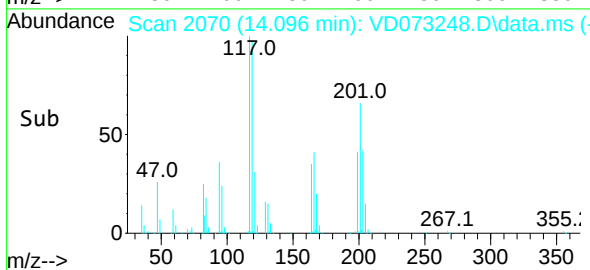
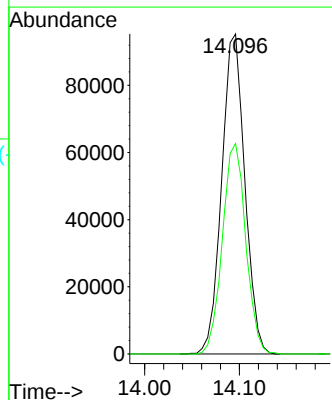
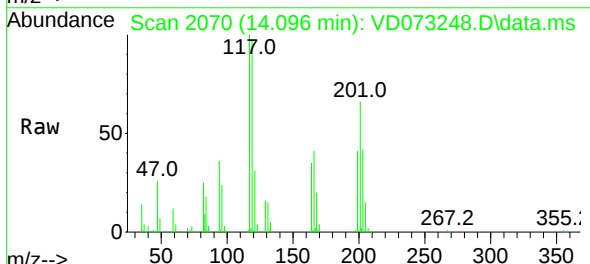
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

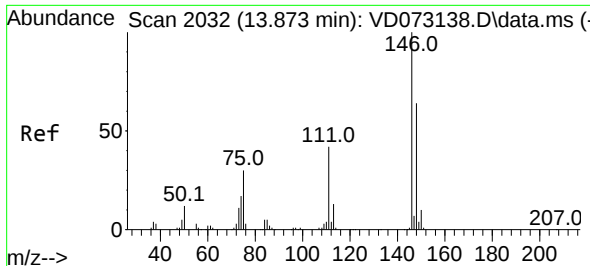
Tgt Ion: 91 Resp: 726669
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 46.590 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion: 117 Resp: 161616
Ion Ratio Lower Upper
117 100
201 66.5 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 48.362 ug/l

RT: 13.872 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

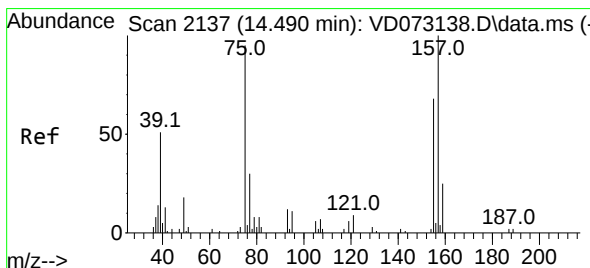
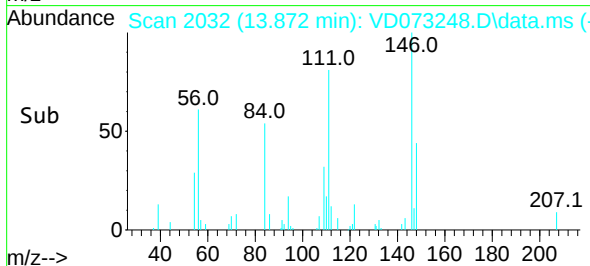
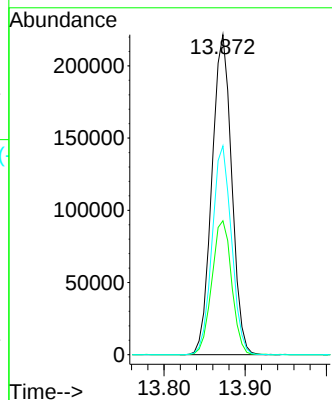
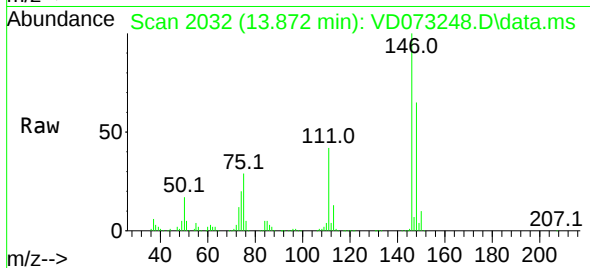
Tgt Ion:146 Resp: 374573

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.3

148 63.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.191 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD073248.D

Acq: 22 May 2022 00:16

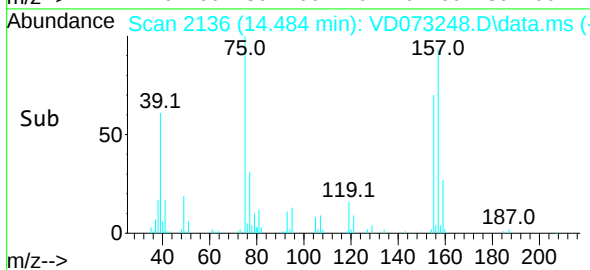
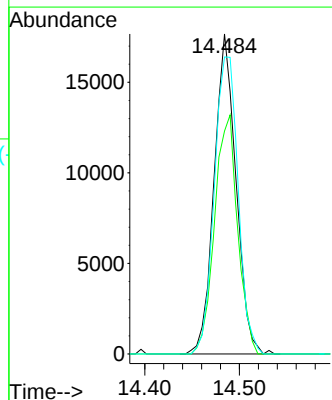
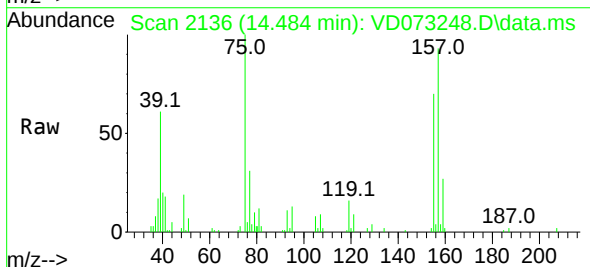
Tgt Ion: 75 Resp: 28343

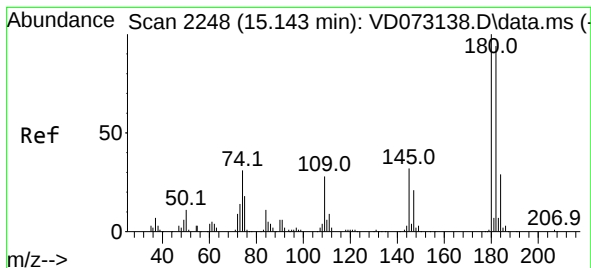
Ion Ratio Lower Upper

75 100

155 78.6 36.8 110.3

157 101.2 48.4 145.0

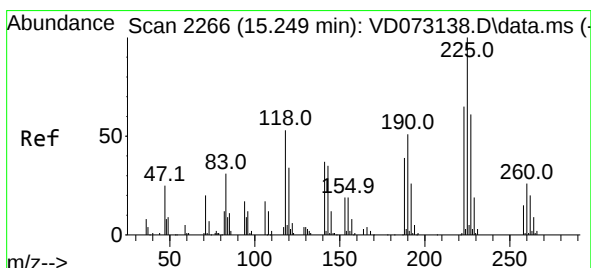
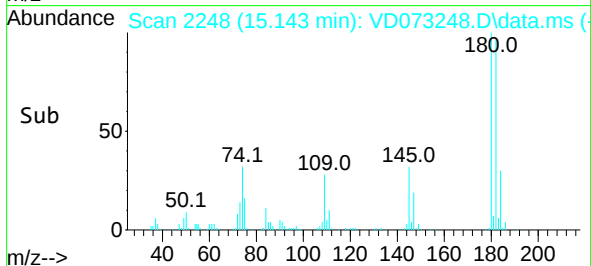
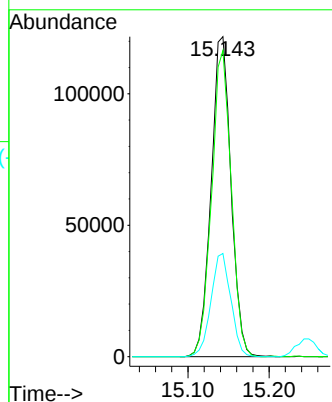
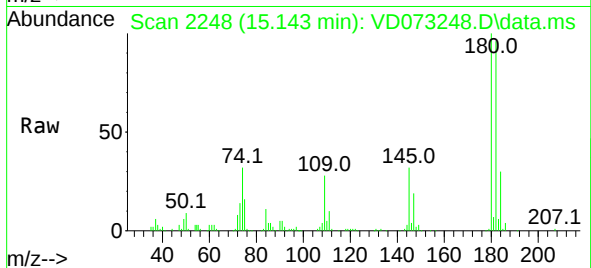




#93
1,2,4-Trichlorobenzene
Concen: 47.065 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

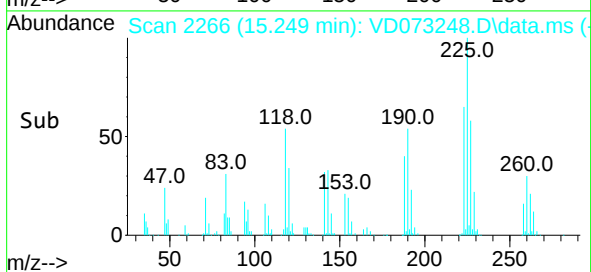
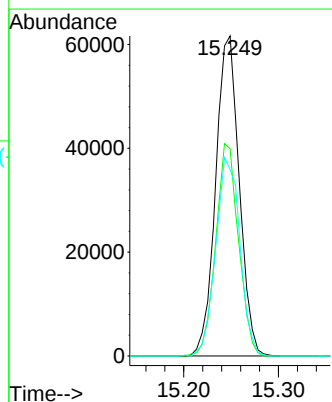
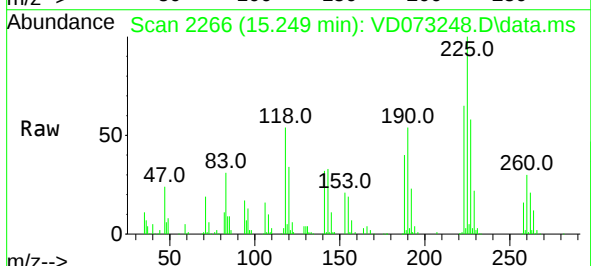
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

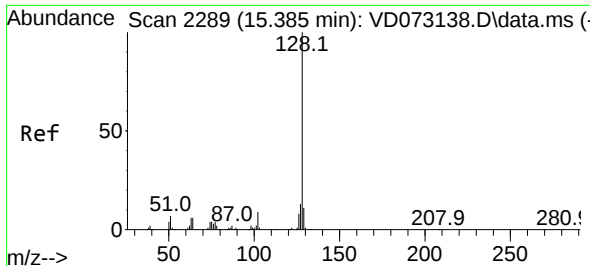
Tgt Ion:180 Resp: 206955
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 32.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 43.002 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.000 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:225 Resp: 106555
Ion Ratio Lower Upper
225 100
223 64.1 31.1 93.2
227 63.6 32.4 97.0

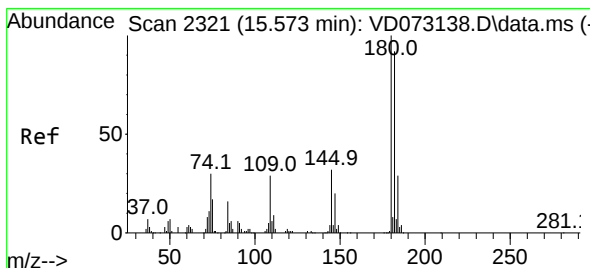
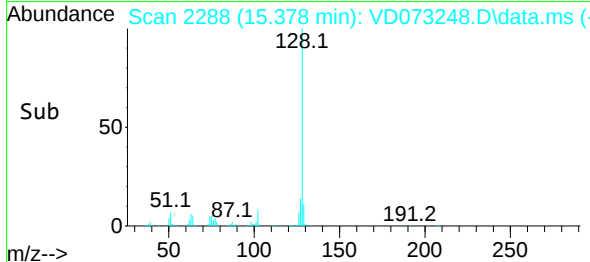
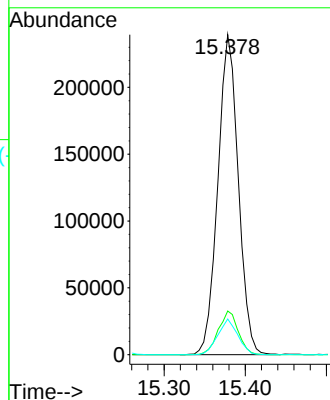
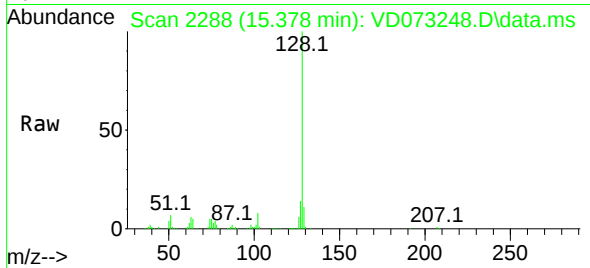




#95
Naphthalene
Concen: 48.631 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 420256
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 49.082 ug/l
RT: 15.572 min Scan# 2321
Delta R.T. -0.001 min
Lab File: VD073248.D
Acq: 22 May 2022 00:16

Tgt Ion:180 Resp: 191333
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 33.3 17.1 51.3

