

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073985.D
 Acq On : 08 Aug 2022 21:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 08 23:28:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	120797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	194306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	189969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55820	61.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.240%	
35) Dibromofluoromethane	7.903	113	66734	55.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.500%	
50) Toluene-d8	10.332	98	176082	53.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.620	95	91180	57.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	52926	47.271	ug/l	92
3) Chloromethane	2.209	50	85984	48.576	ug/l	92
4) Vinyl Chloride	2.344	62	112079	47.023	ug/l	98
5) Bromomethane	2.762	94	57675	34.867	ug/l	94
6) Chloroethane	2.915	64	79767	47.882	ug/l	100
7) Trichlorofluoromethane	3.262	101	118249	51.379	ug/l	94
8) Diethyl Ether	3.703	74	29048	54.207	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	63888	49.439	ug/l	99
10) Methyl Iodide	4.291	142	52737	41.455	ug/l	97
11) Tert butyl alcohol	5.232	59	22819	281.106	ug/l #	95
12) 1,1-Dichloroethene	4.056	96	55765	48.806	ug/l	94
13) Acrolein	3.915	56	22711	280.646	ug/l	96
14) Allyl chloride	4.703	41	74759	49.295	ug/l	99
15) Acrylonitrile	5.415	53	66645	291.007	ug/l	96
16) Acetone	4.162	43	51198	295.523	ug/l	97
17) Carbon Disulfide	4.403	76	138628	38.676	ug/l	98
18) Methyl Acetate	4.709	43	32264	61.681	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	155738	58.728	ug/l	99
20) Methylene Chloride	4.956	84	88724	64.086	ug/l	97
21) trans-1,2-Dichloroethene	5.456	96	66470	48.141	ug/l	99
22) Diisopropyl ether	6.356	45	184572	56.494	ug/l	97
23) Vinyl Acetate	6.297	43	440800	251.344	ug/l	100
24) 1,1-Dichloroethane	6.250	63	118282	52.575	ug/l	98
25) 2-Butanone	7.203	43	87700	283.565	ug/l	96
26) 2,2-Dichloropropane	7.197	77	102458	45.870	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	78445	52.503	ug/l	96
28) Bromochloromethane	7.538	49	42192	58.645	ug/l	97
29) Tetrahydrofuran	7.556	42	57017	312.116	ug/l	99
30) Chloroform	7.703	83	138953	54.664	ug/l	96
31) Cyclohexane	7.979	56	85855	41.730	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	126852	52.436	ug/l	99
36) 1,1-Dichloropropene	8.103	75	92687	49.043	ug/l	99
37) Ethyl Acetate	7.291	43	44571	63.419	ug/l	97
38) Carbon Tetrachloride	8.085	117	111711	53.079	ug/l	96
39) Methylcyclohexane	9.350	83	99749	46.160	ug/l	95
40) Benzene	8.344	78	263814	51.402	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	23447	63.168	ug/l	98
42) 1,2-Dichloroethane	8.414	62	86563	55.595	ug/l	96
43) Isopropyl Acetate	8.444	43	81923	59.654	ug/l	97
44) Trichloroethene	9.103	130	76628	51.868	ug/l	100
45) 1,2-Dichloropropane	9.379	63	66626	55.385	ug/l	100
46) Dibromomethane	9.467	93	44434	56.064	ug/l	98
47) Bromodichloromethane	9.650	83	113374	58.731	ug/l	96
48) Methyl methacrylate	9.444	41	35134	55.946	ug/l	98
49) 1,4-Dioxane	9.455	88	10396	1235.470	ug/l	88
51) 4-Methyl-2-Pentanone	10.220	43	218332	319.540	ug/l	100
52) Toluene	10.391	92	180637	53.214	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	97854	56.321	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	109463	55.244	ug/l	99
55) 1,1,2-Trichloroethane	10.785	97	58116	57.880	ug/l	96
56) Ethyl methacrylate	10.650	69	68726	63.016	ug/l	98
57) 1,3-Dichloropropane	10.932	76	95848	58.818	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	140217	301.353	ug/l	99
59) 2-Hexanone	10.973	43	147527	325.972	ug/l	99
60) Dibromochloromethane	11.132	129	79133	58.825	ug/l	100
61) 1,2-Dibromoethane	11.232	107	58093	57.857	ug/l	100
64) Tetrachloroethene	10.867	164	65129	48.871	ug/l	94
65) Chlorobenzene	11.661	112	201639	52.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	81434	55.491	ug/l	98
67) Ethyl Benzene	11.732	91	346538	52.027	ug/l	97
68) m/p-Xylenes	11.844	106	289852	107.357	ug/l	98
69) o-Xylene	12.167	106	132467	53.426	ug/l	99
70) Styrene	12.185	104	240713	56.823	ug/l	99
71) Bromoform	12.349	173	46840	55.854	ug/l #	95
73) Isopropylbenzene	12.467	105	352932	49.469	ug/l	100
74) N-amyl acetate	12.273	43	80566	56.921	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	70547	54.537	ug/l	93
76) 1,2,3-Trichloropropane	12.767	75	85151	88.607	ug/l #	100
77) Bromobenzene	12.749	156	87412	52.012	ug/l	98
78) n-propylbenzene	12.808	91	438015	49.884	ug/l	100
79) 2-Chlorotoluene	12.891	91	249050	50.423	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	314087	51.768	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	19766	51.639	ug/l	99
82) 4-Chlorotoluene	12.991	91	264129	50.190	ug/l	97
83) tert-Butylbenzene	13.208	119	270553	51.978	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	313569	51.642	ug/l	98
85) sec-Butylbenzene	13.385	105	401918	50.494	ug/l	100
86) p-Isopropyltoluene	13.496	119	345968	51.253	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	186094	52.889	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	181659	51.415	ug/l	99
89) n-Butylbenzene	13.826	91	320809	51.767	ug/l	99
90) Hexachloroethane	14.091	117	67118	51.216	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	160652	52.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12066	56.909	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	91478	50.625	ug/l	98
94) Hexachlorobutadiene	15.243	225	50207	50.386	ug/l	98
95) Naphthalene	15.379	128	187601	56.699	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	84694	51.968	ug/l	97

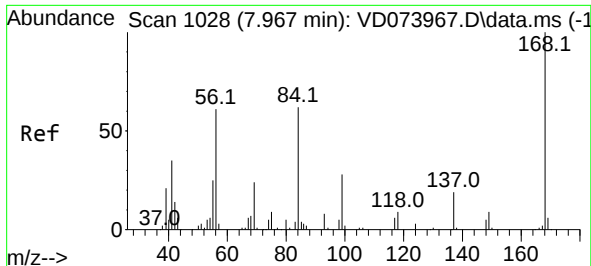
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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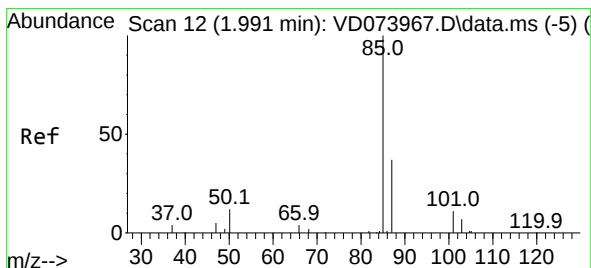
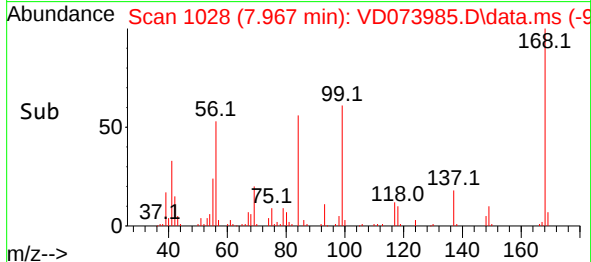
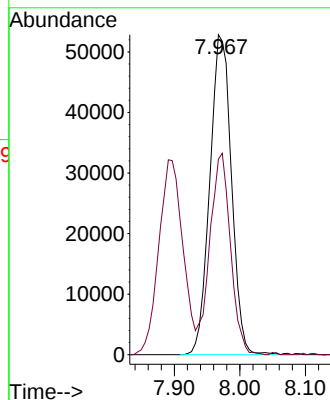
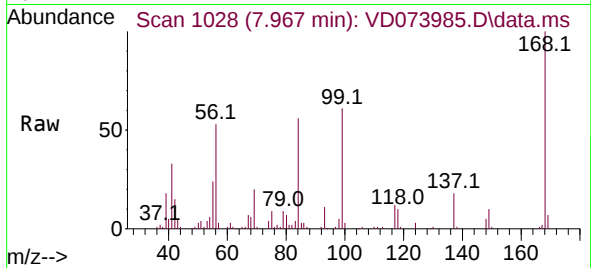
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
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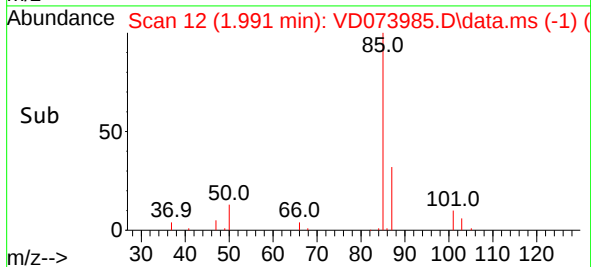
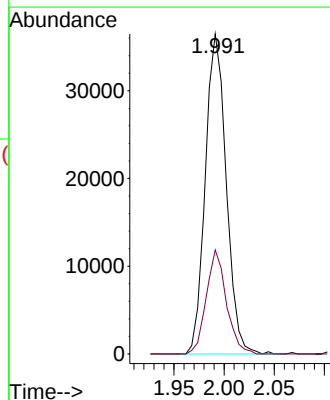
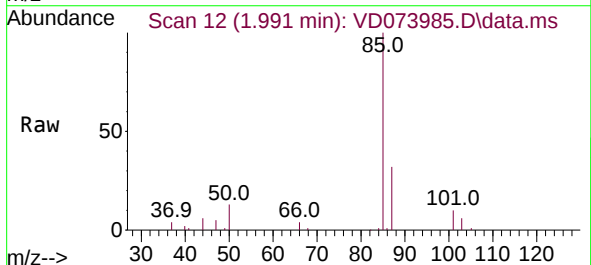
Instrument :
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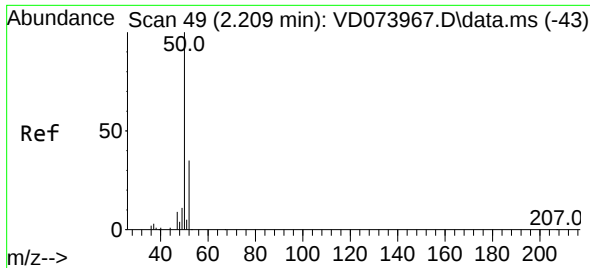
Tgt Ion:168 Resp: 120797
Ion Ratio Lower Upper
168 100
99 61.1 46.2 69.4



#2
Dichlorodifluoromethane
Concen: 47.271 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 85 Resp: 52926
Ion Ratio Lower Upper
85 100
87 32.5 18.7 56.1

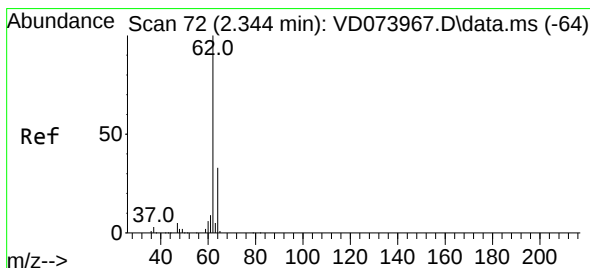
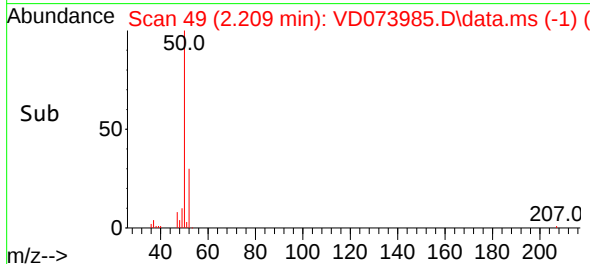
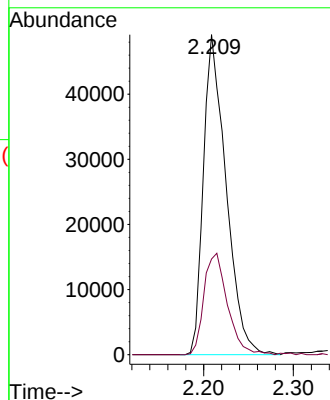
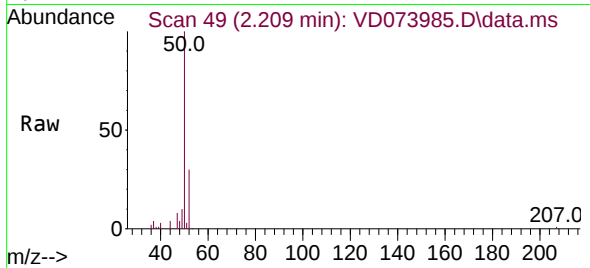




#3
Chloromethane
Concen: 48.576 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

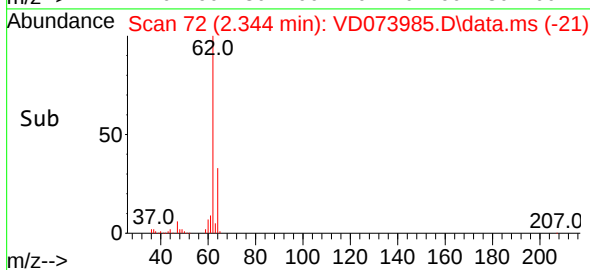
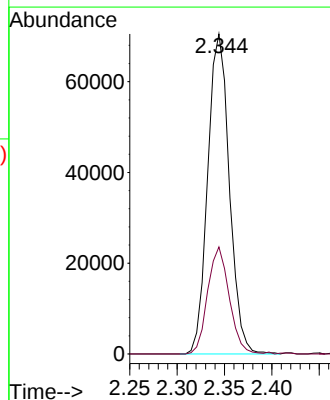
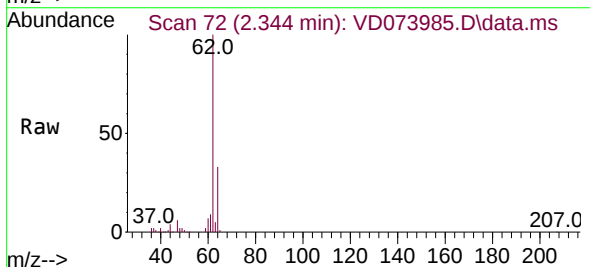
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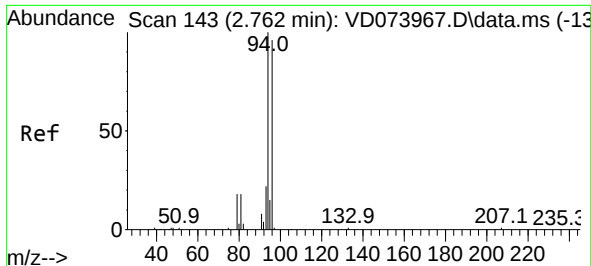
Tgt Ion: 50 Resp: 85984
Ion Ratio Lower Upper
50 100
52 29.9 27.7 41.5



#4
Vinyl Chloride
Concen: 47.023 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 62 Resp: 112079
Ion Ratio Lower Upper
62 100
64 33.5 26.1 39.1

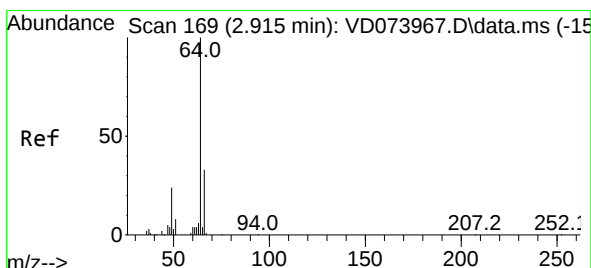
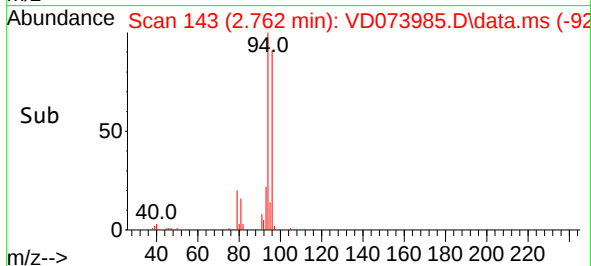
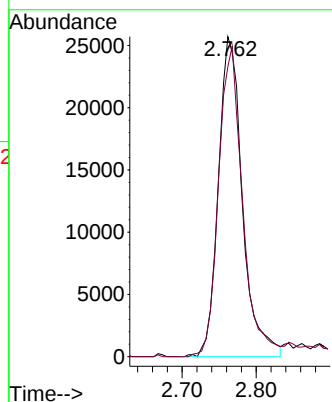
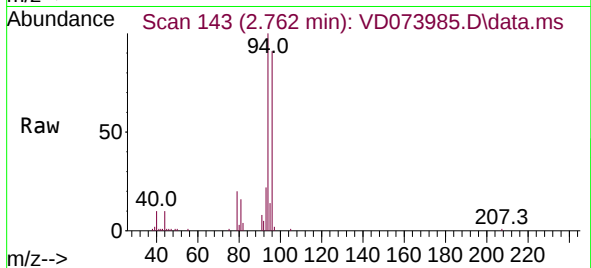




#5
Bromomethane
Concen: 34.867 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

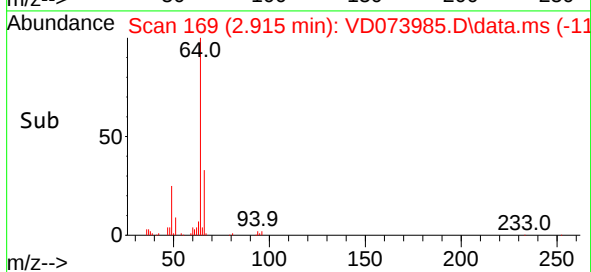
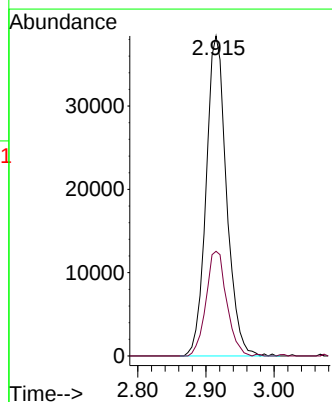
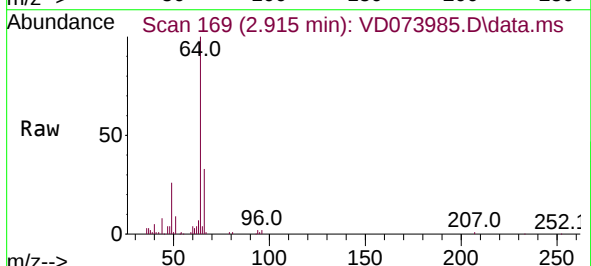
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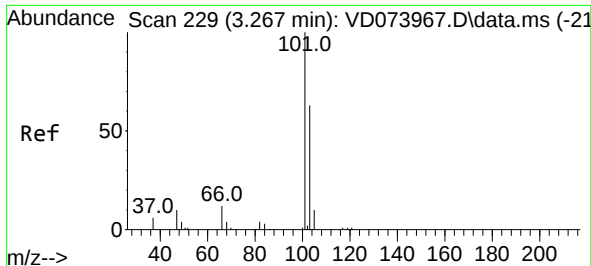
Tgt Ion: 94 Resp: 57675
Ion Ratio Lower Upper
94 100
96 90.6 77.0 115.6



#6
Chloroethane
Concen: 47.882 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 64 Resp: 79767
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5

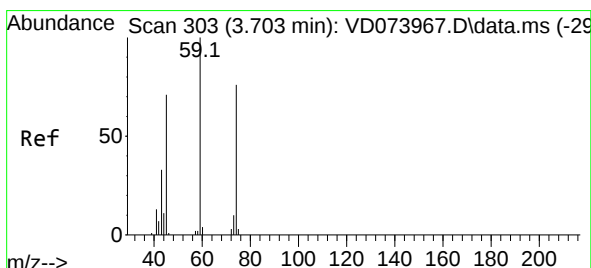
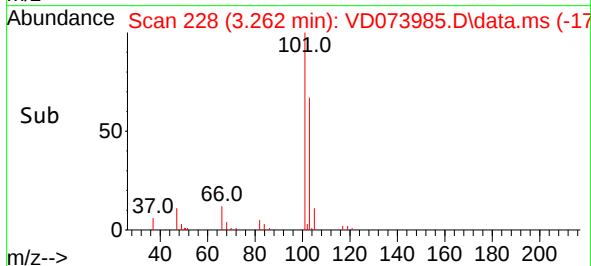
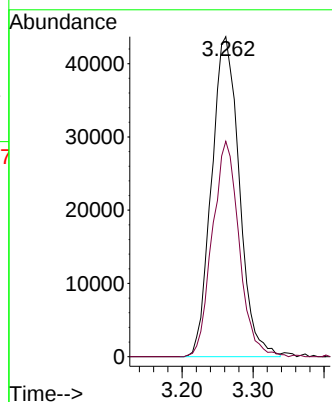
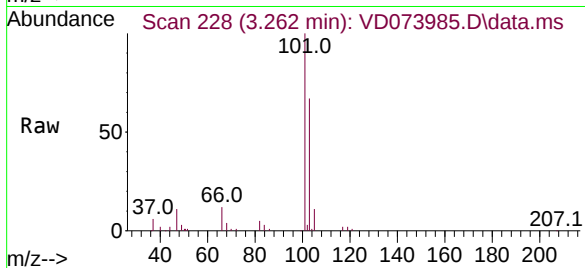




#7
 Trichlorofluoromethane
 Concen: 51.379 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

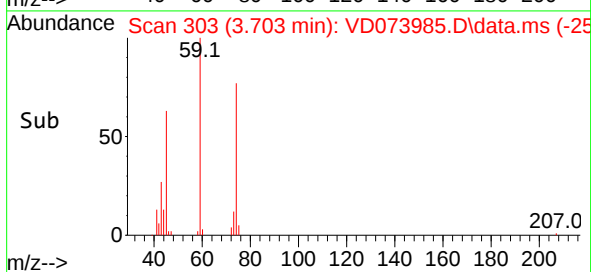
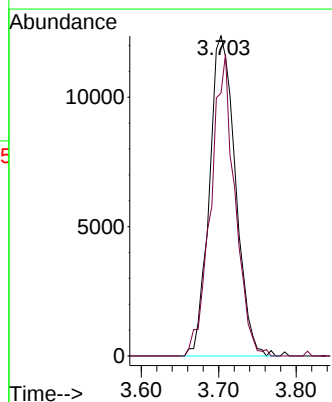
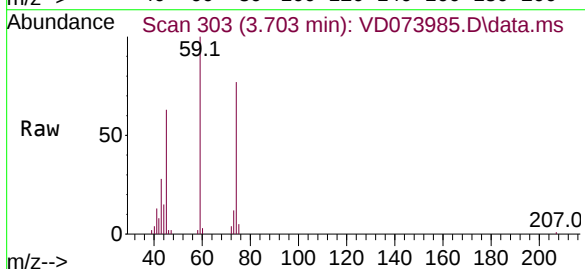
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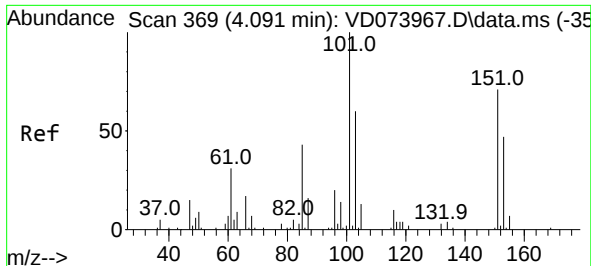
Tgt Ion:101 Resp: 118249
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.0 75.0



#8
 Diethyl Ether
 Concen: 54.207 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. 0.000 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

Tgt Ion: 74 Resp: 29048
 Ion Ratio Lower Upper
 74 100
 45 86.7 44.4 133.1

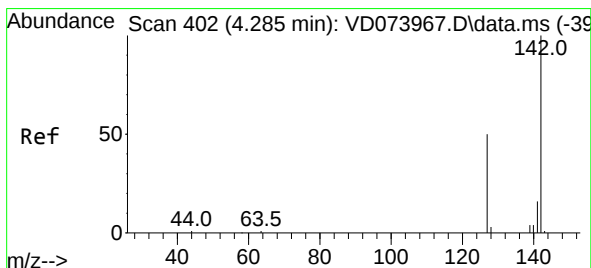
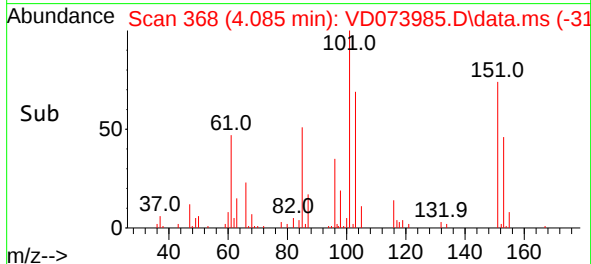
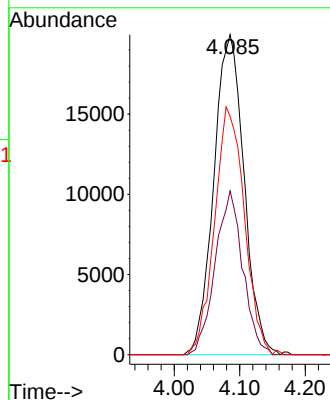
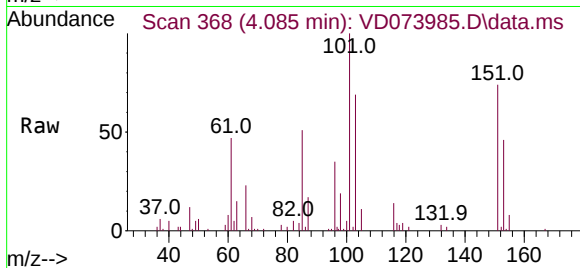




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.439 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073985.D
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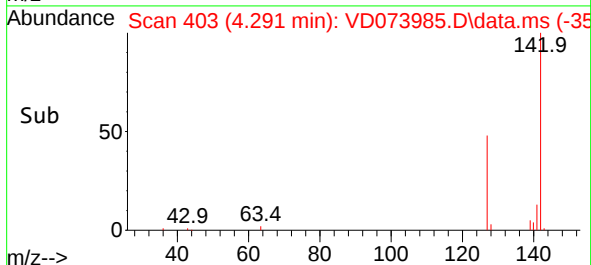
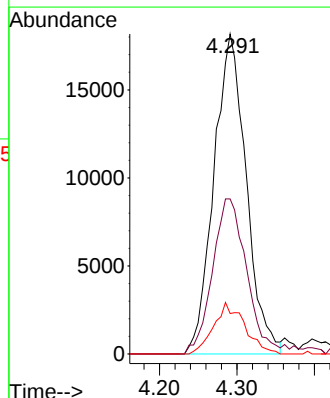
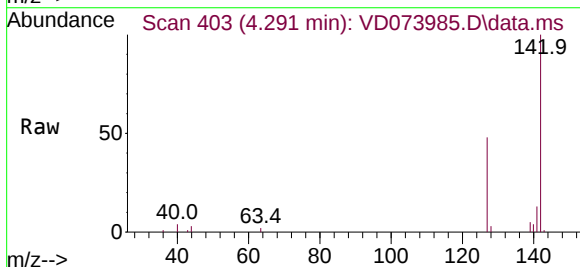
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

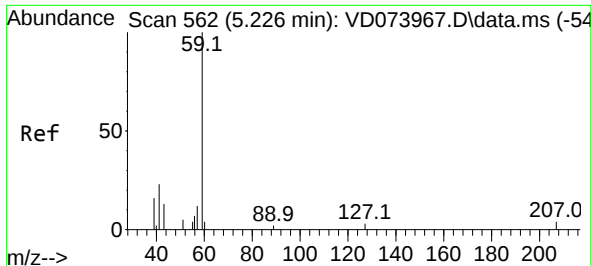
Tgt Ion:101 Resp: 63888
Ion Ratio Lower Upper
101 100
85 46.8 37.5 56.3
151 76.1 60.2 90.4



#10
Methyl Iodide
Concen: 41.455 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:142 Resp: 52737
Ion Ratio Lower Upper
142 100
127 50.8 38.7 58.1
141 15.4 11.8 17.8

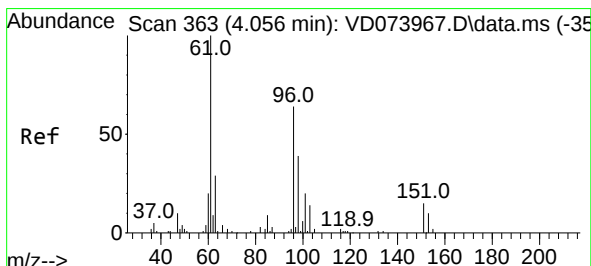
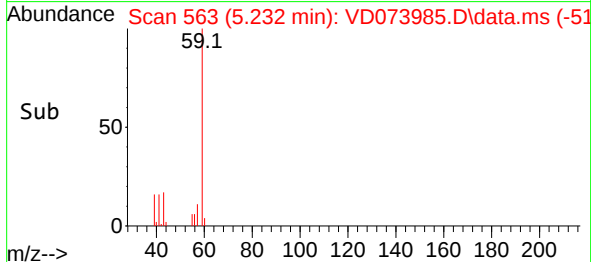
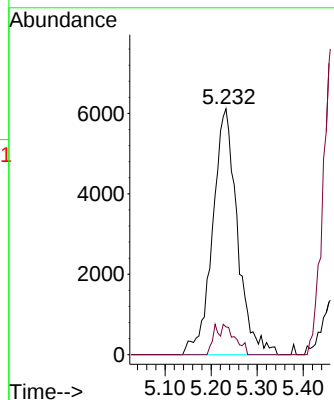
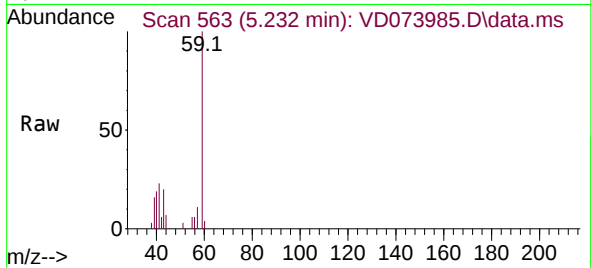




#11
Tert butyl alcohol
Concen: 281.106 ug/l
RT: 5.232 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

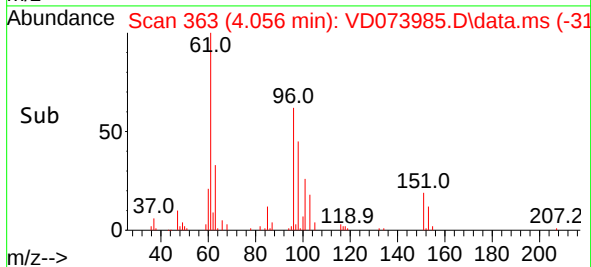
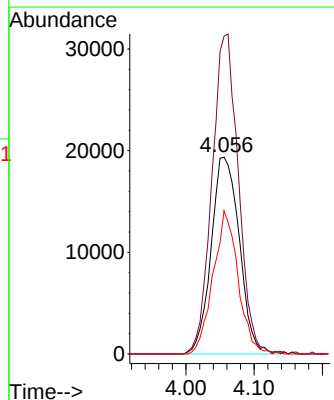
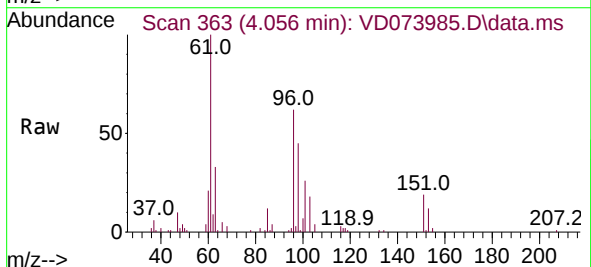
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

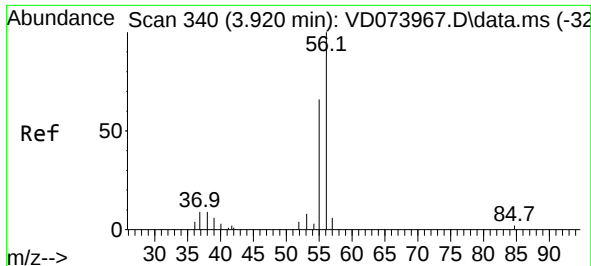
Tgt Ion: 59 Resp: 22819
Ion Ratio Lower Upper
59 100
57 6.4 3.8 5.6#



#12
1,1-Dichloroethene
Concen: 48.806 ug/l
RT: 4.056 min Scan# 363
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 96 Resp: 55765
Ion Ratio Lower Upper
96 100
61 161.4 125.9 188.9
98 72.7 49.2 73.8





#13

Acrolein

Concen: 280.646 ug/l

RT: 3.915 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

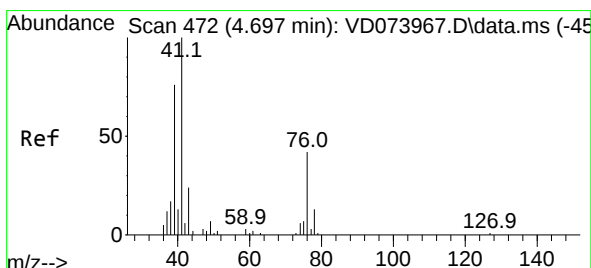
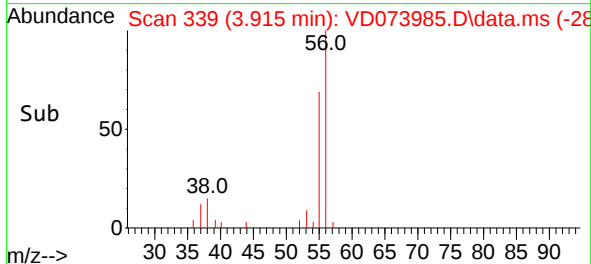
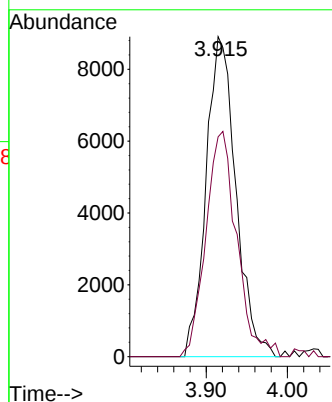
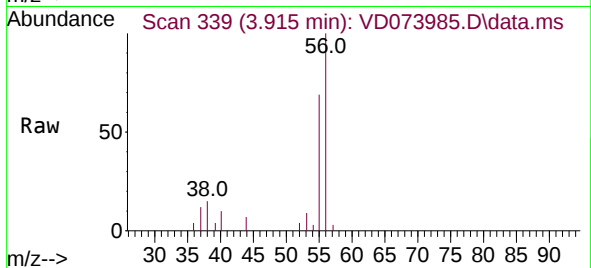
VSTDCCC050EC

Tgt Ion: 56 Resp: 22711

Ion Ratio Lower Upper

56 100

55 73.1 55.8 83.6



#14

Allyl chloride

Concen: 49.295 ug/l

RT: 4.703 min Scan# 473

Delta R.T. 0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

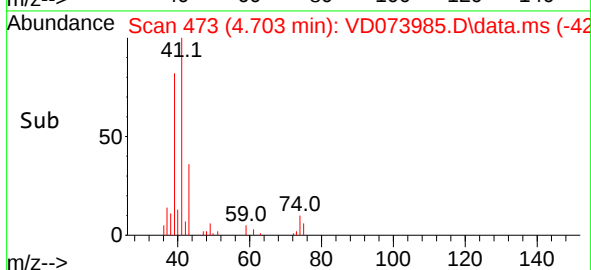
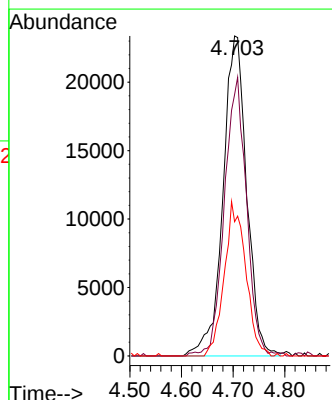
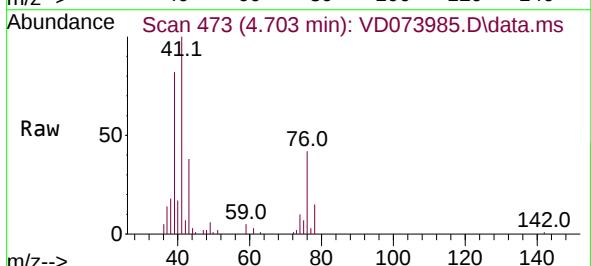
Tgt Ion: 41 Resp: 74759

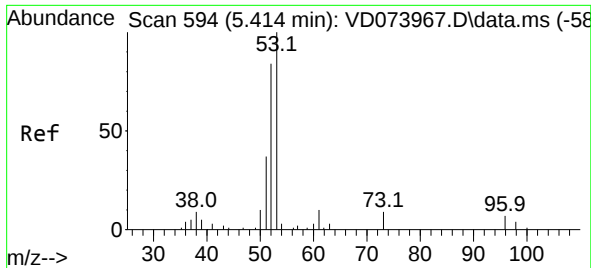
Ion Ratio Lower Upper

41 100

39 81.0 63.4 95.2

76 43.3 34.4 51.6

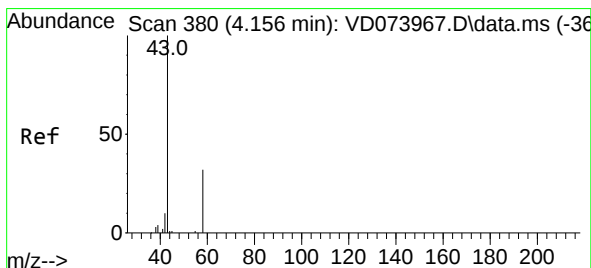
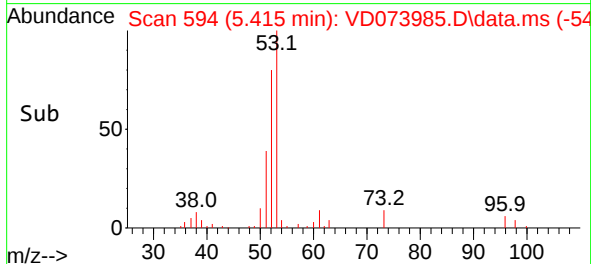
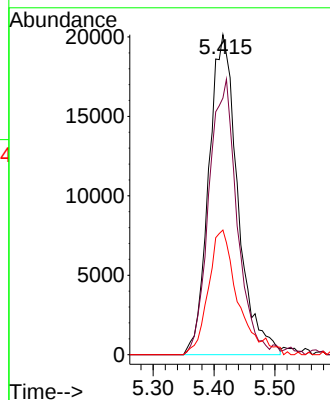
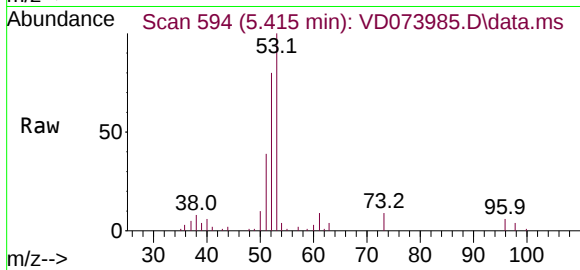




#15
Acrylonitrile
Concen: 291.007 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

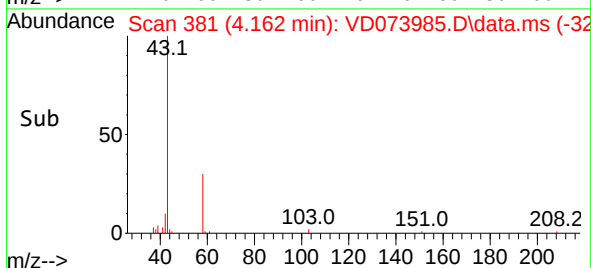
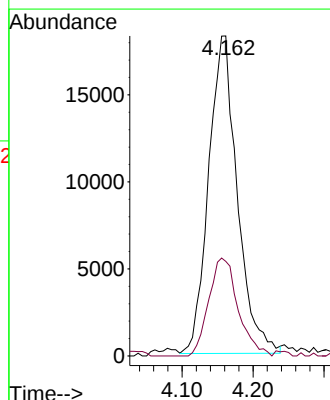
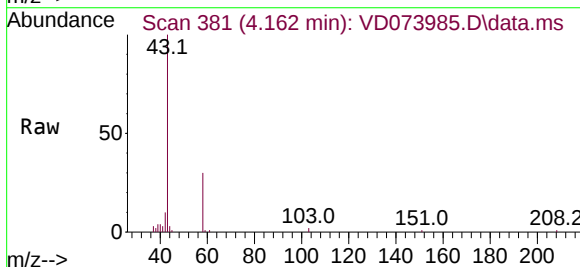
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

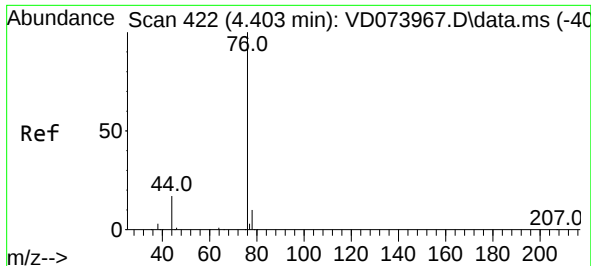
Tgt Ion: 53	Resp: 66645
Ion Ratio	Lower Upper
53 100	
52 82.7	62.7 94.1
51 39.8	30.8 46.2



#16
Acetone
Concen: 295.523 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 43	Resp: 51198
Ion Ratio	Lower Upper
43 100	
58 29.8	25.4 38.0

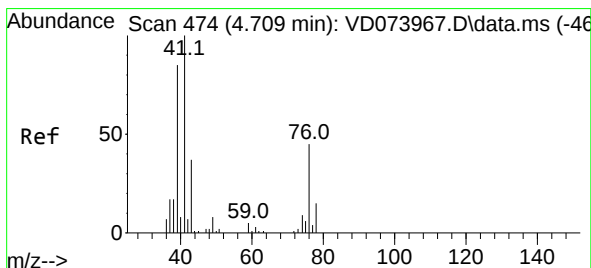
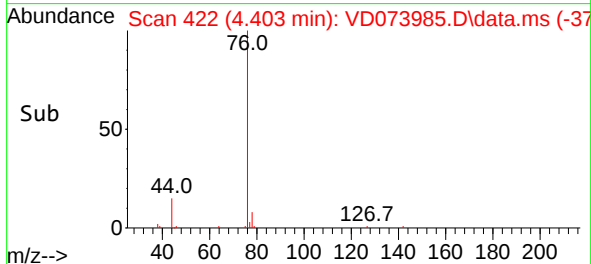
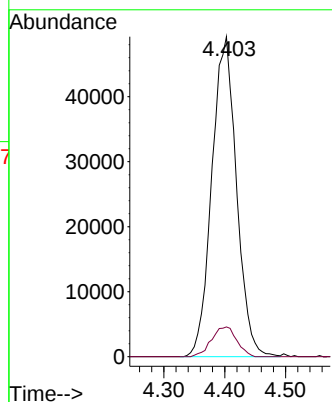
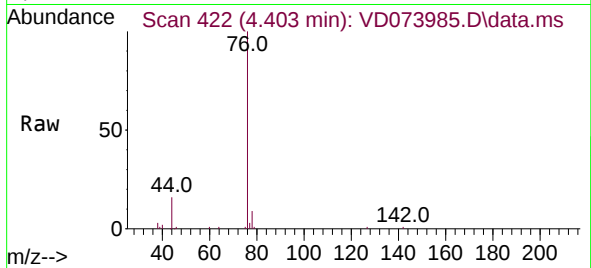




#17
Carbon Disulfide
Concen: 38.676 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

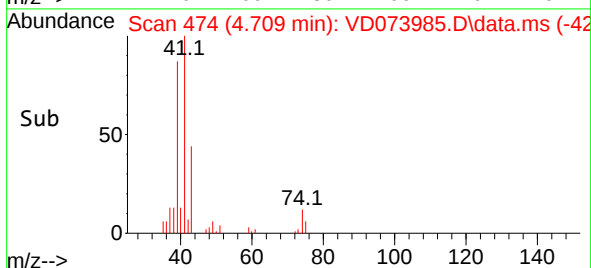
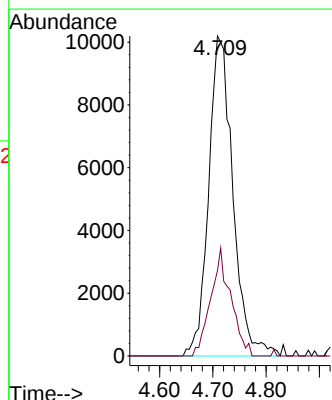
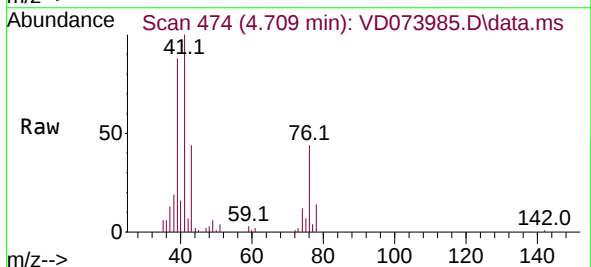
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

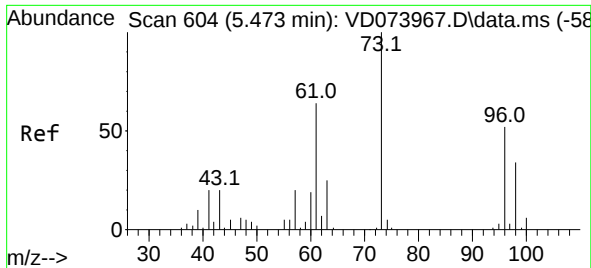
Tgt Ion: 76 Resp: 138628
Ion Ratio Lower Upper
76 100
78 9.3 7.9 11.9



#18
Methyl Acetate
Concen: 61.681 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 43 Resp: 32264
Ion Ratio Lower Upper
43 100
74 28.0 22.1 33.1

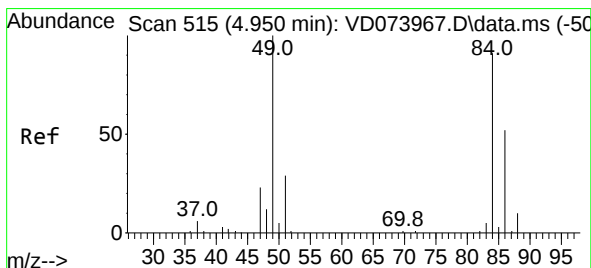
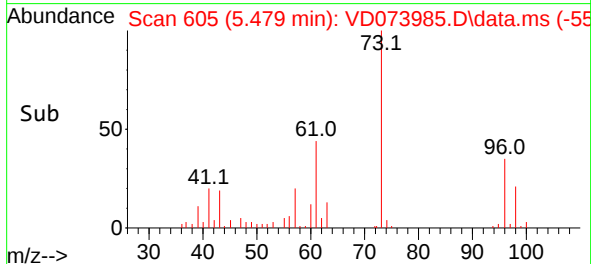
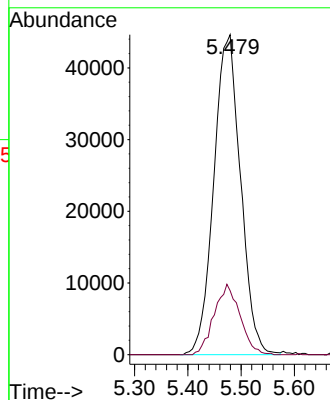
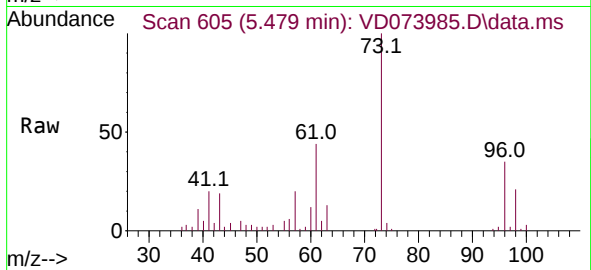




#19
Methyl tert-butyl Ether
Concen: 58.728 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

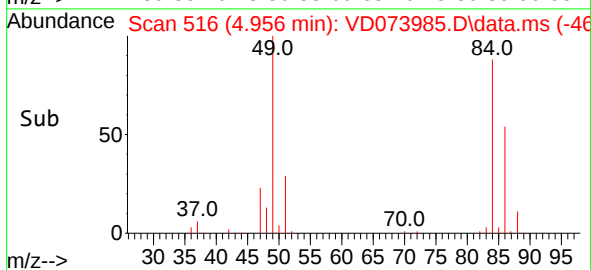
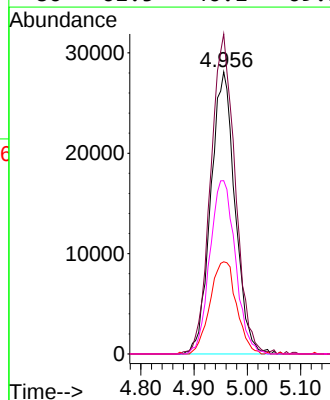
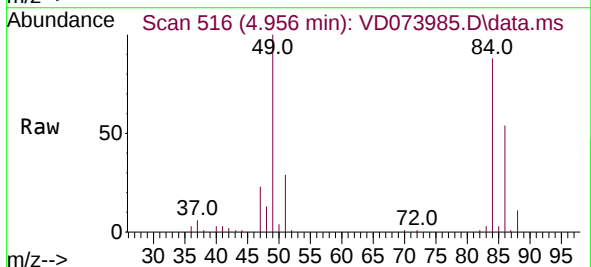
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

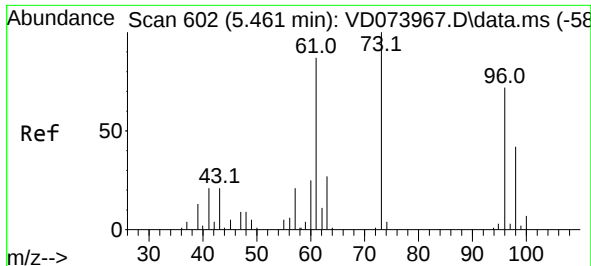
Tgt Ion: 73 Resp: 155738
Ion Ratio Lower Upper
73 100
57 20.0 15.8 23.6



#20
Methylene Chloride
Concen: 64.086 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 84 Resp: 88724
Ion Ratio Lower Upper
84 100
49 113.5 87.9 131.9
51 32.0 25.7 38.5
86 61.5 46.1 69.1

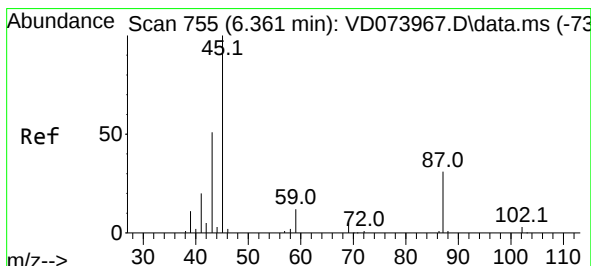
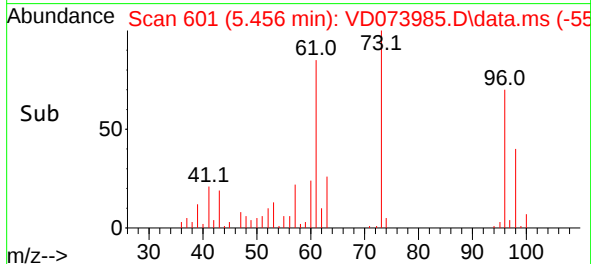
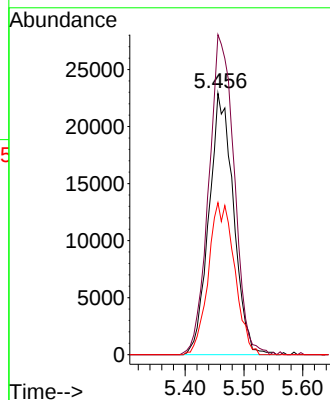
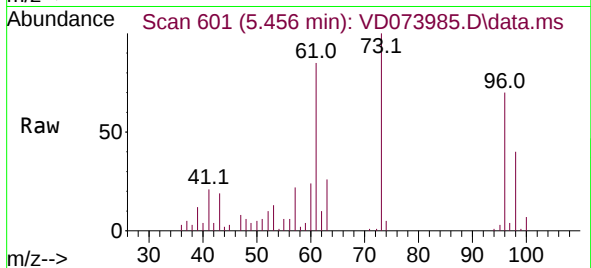




#21
trans-1,2-Dichloroethene
Concen: 48.141 ug/l
RT: 5.456 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

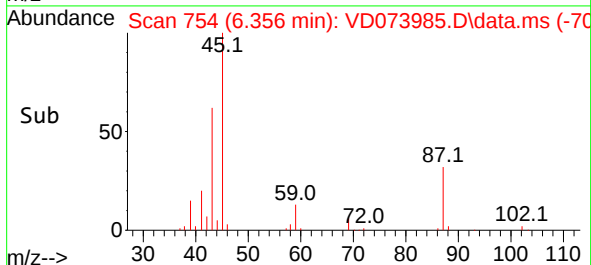
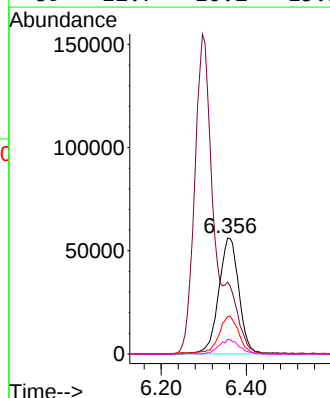
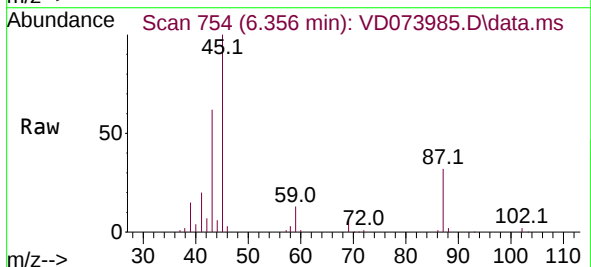
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

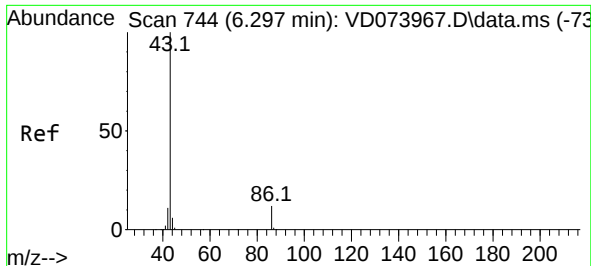
Tgt Ion: 96 Resp: 66470
Ion Ratio Lower Upper
96 100
61 122.5 96.9 145.3
98 58.2 47.2 70.8



#22
Diisopropyl ether
Concen: 56.494 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 45 Resp: 184572
Ion Ratio Lower Upper
45 100
43 61.2 46.1 69.1
87 32.4 25.8 38.6
59 12.7 10.2 15.2

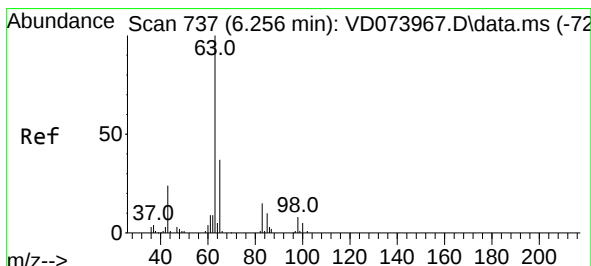
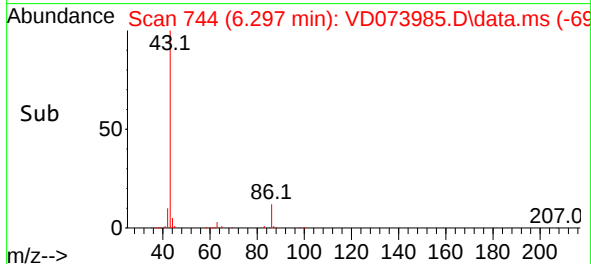
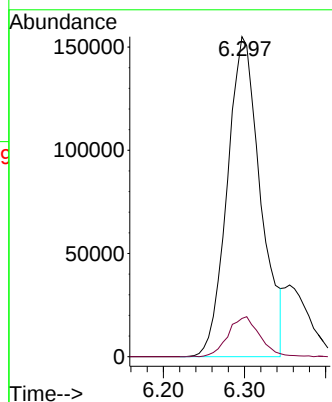
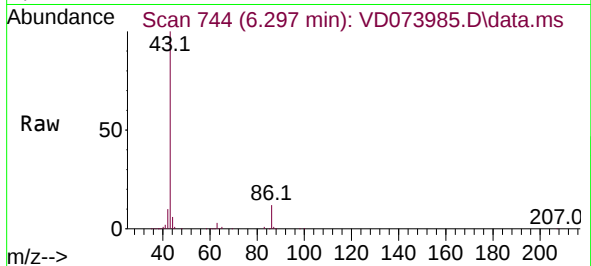




#23
 Vinyl Acetate
 Concen: 251.344 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

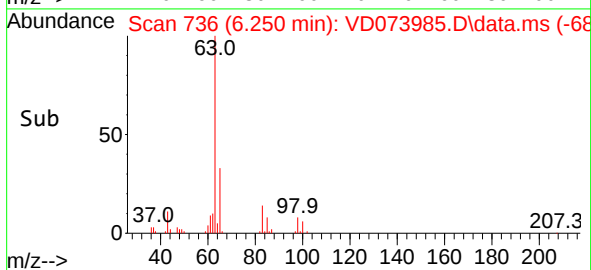
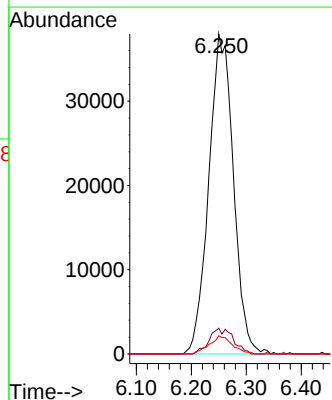
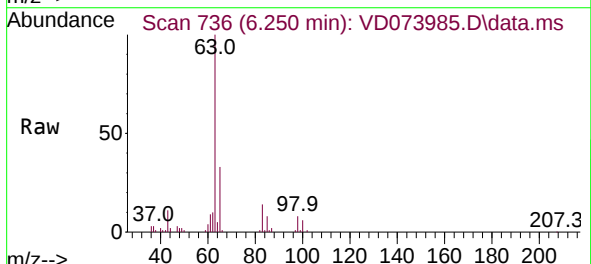
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

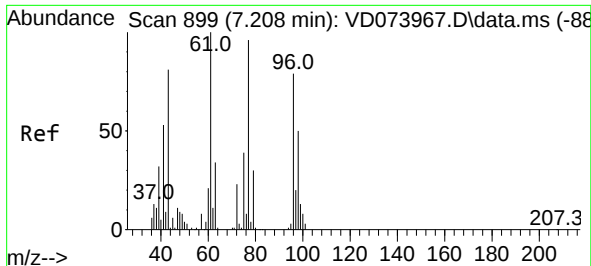
Tgt Ion: 43 Resp: 440800
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 52.575 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

Tgt Ion: 63 Resp: 118282
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.1 12.3
 100 5.7 2.3 6.8

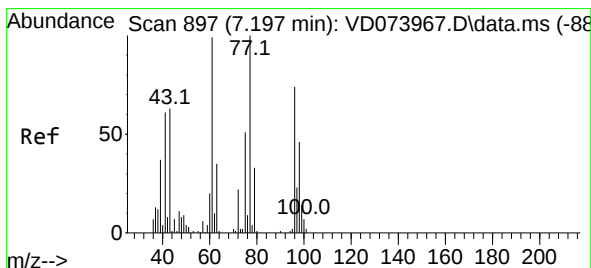
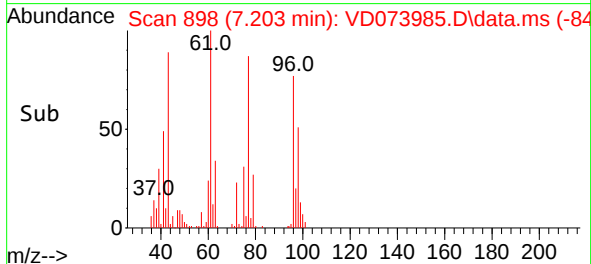
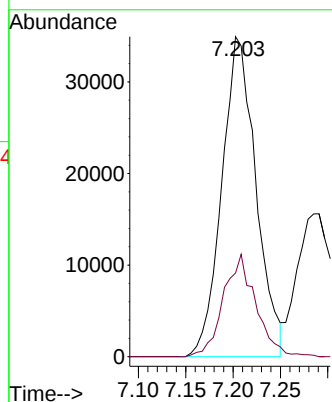
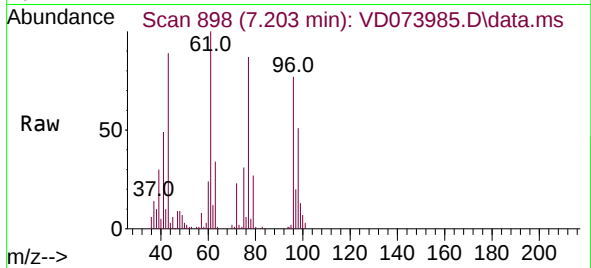




#25
2-Butanone
Concen: 283.565 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

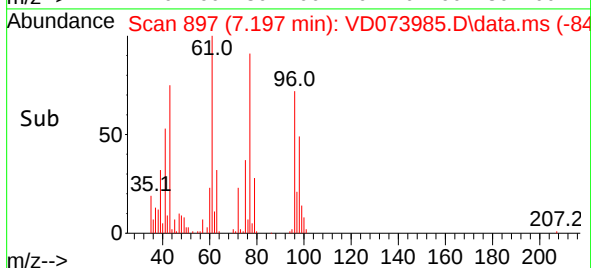
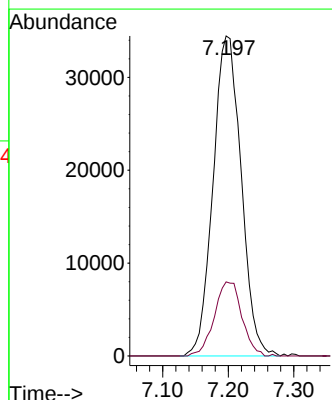
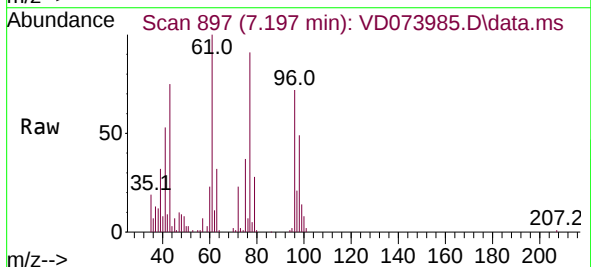
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

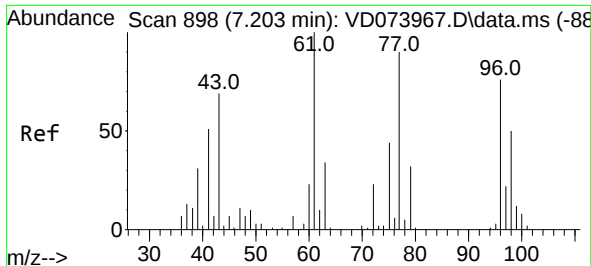
Tgt Ion: 43 Resp: 87700
Ion Ratio Lower Upper
43 100
72 26.2 22.8 34.2



#26
2,2-Dichloropropane
Concen: 45.870 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 77 Resp: 102458
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.1

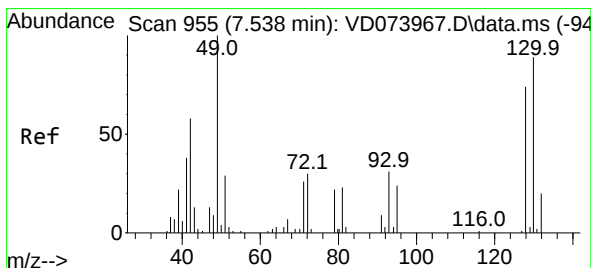
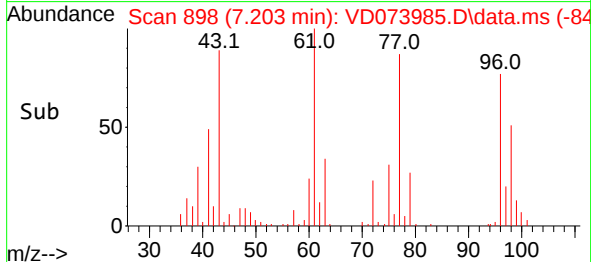
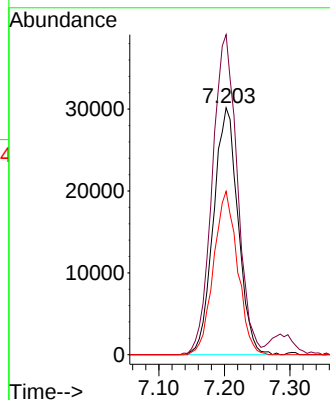
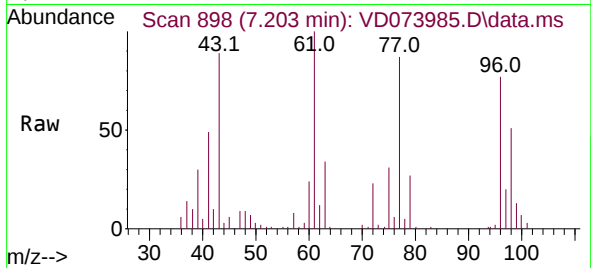




#27
 cis-1,2-Dichloroethene
 Concen: 52.503 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

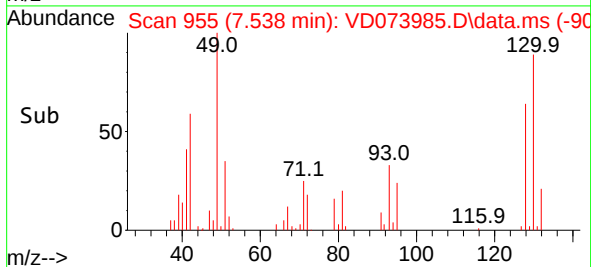
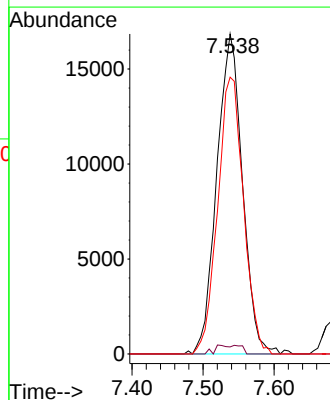
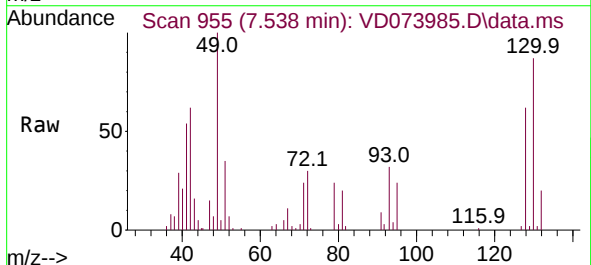
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

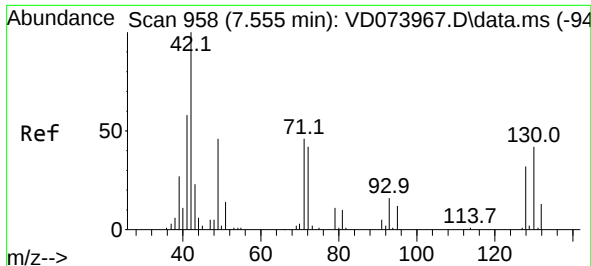
Tgt Ion: 96	Resp: 78445		
Ion Ratio	Lower	Upper	
96	100		
61	131.9	0.0	276.8
98	64.6	0.0	130.4



#28
 Bromochloromethane
 Concen: 58.645 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

Tgt Ion: 49	Resp: 42192
Ion Ratio	Lower Upper
49 100	
129 1.6	0.0 4.4
130 87.0	71.7 107.5





#29

Tetrahydrofuran

Concen: 312.116 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

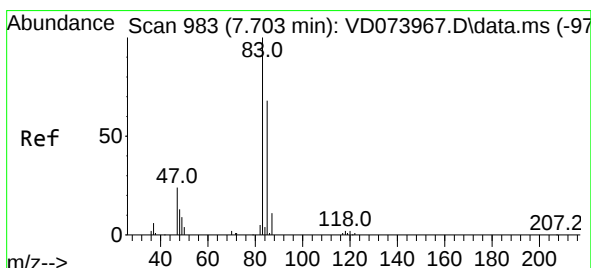
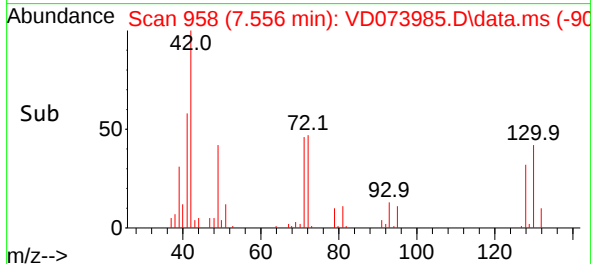
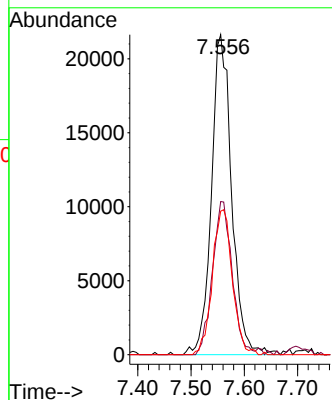
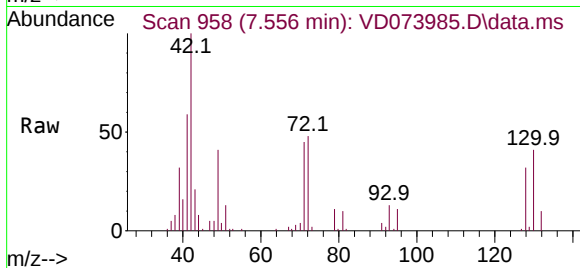
Tgt Ion: 42 Resp: 57017

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.6

71 44.8 36.9 55.3



#30

Chloroform

Concen: 54.664 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073985.D

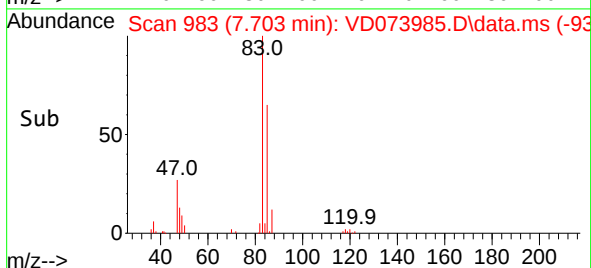
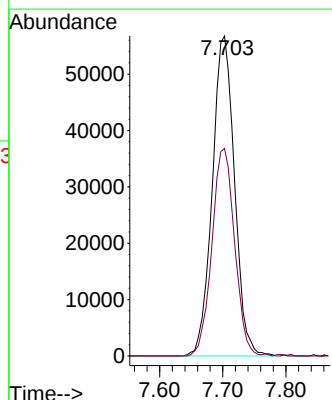
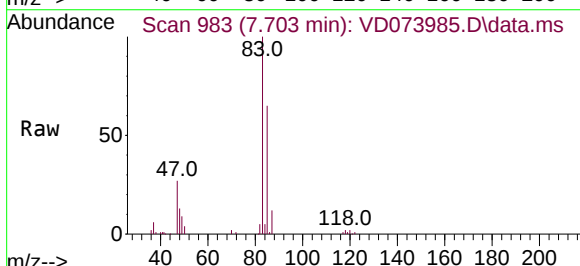
Acq: 08 Aug 2022 21:22

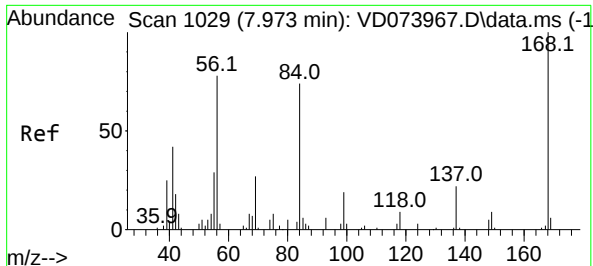
Tgt Ion: 83 Resp: 138953

Ion Ratio Lower Upper

83 100

85 64.9 54.2 81.4

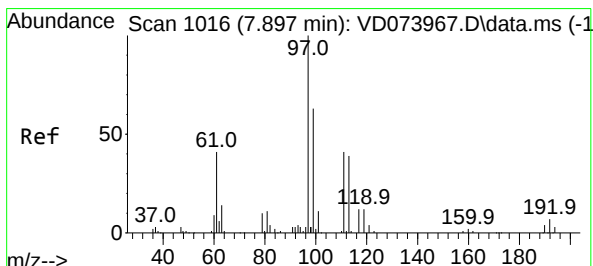
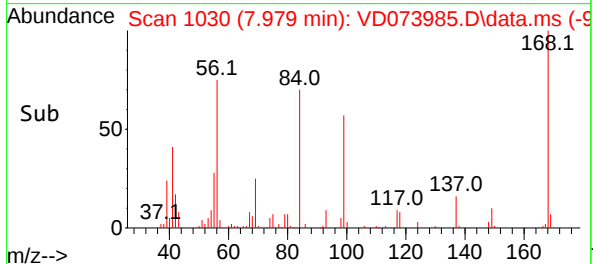
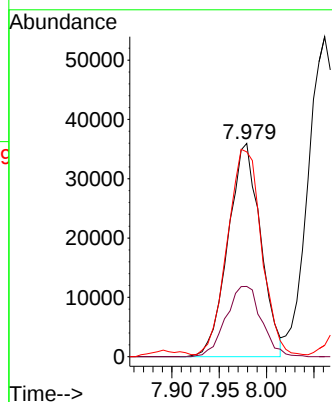
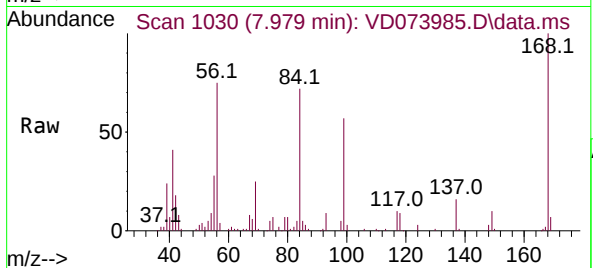




#31
Cyclohexane
Concen: 41.730 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

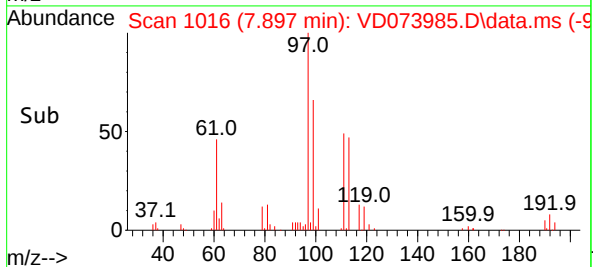
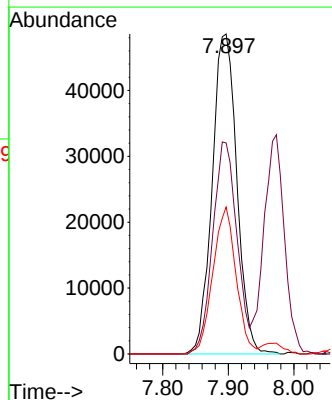
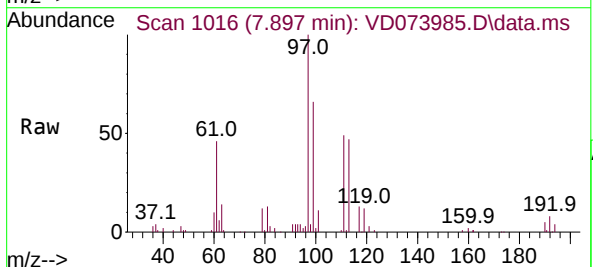
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

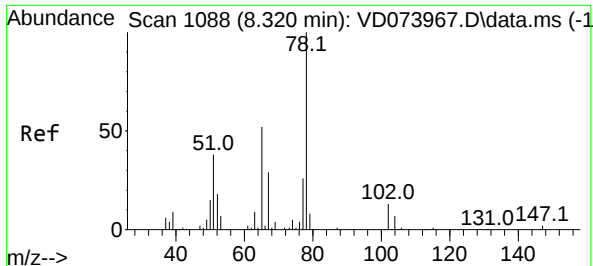
Tgt Ion: 56 Resp: 85855
Ion Ratio Lower Upper
56 100
69 32.9 27.6 41.4
84 93.7 75.4 113.0



#32
1,1,1-Trichloroethane
Concen: 52.436 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 97 Resp: 126852
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 43.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 61.615 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

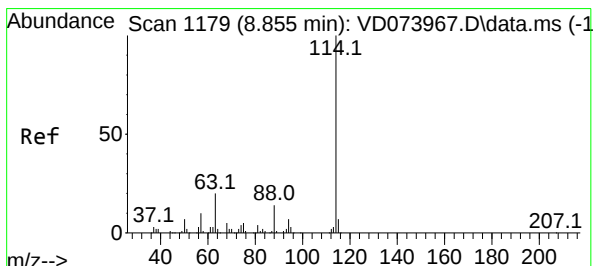
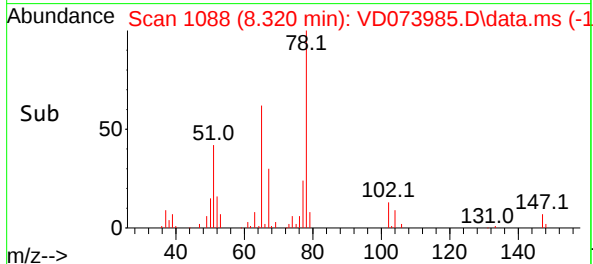
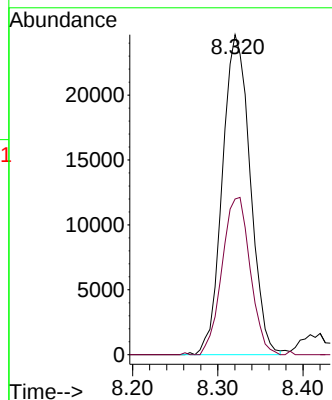
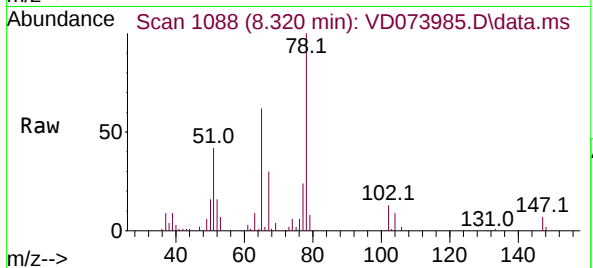
VSTDCCC050EC

Tgt Ion: 65 Resp: 55820

Ion Ratio Lower Upper

65 100

67 49.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

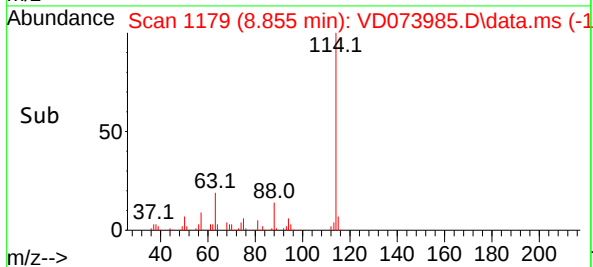
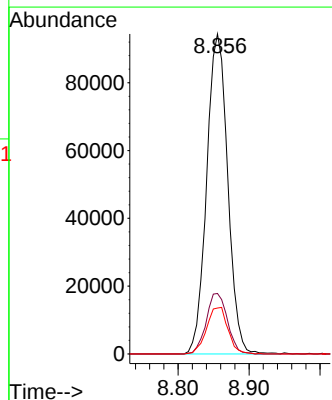
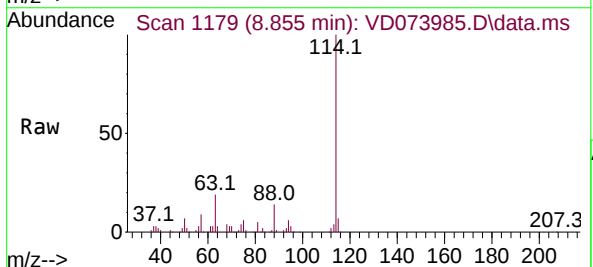
Tgt Ion: 114 Resp: 194306

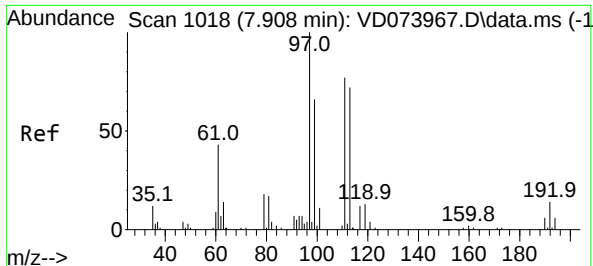
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

88 14.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 55.747 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

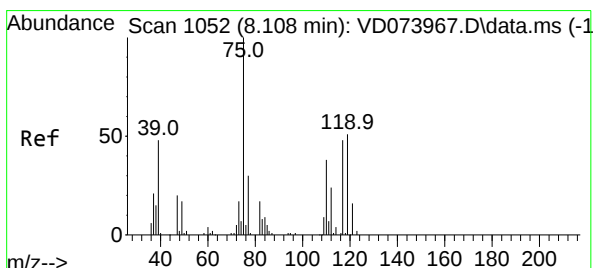
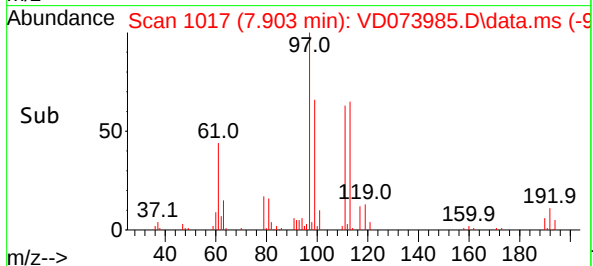
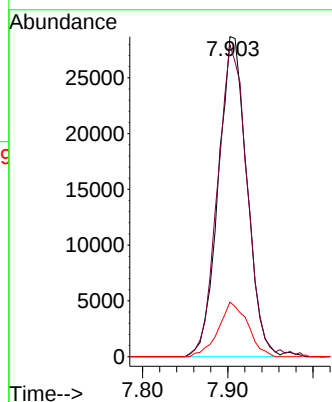
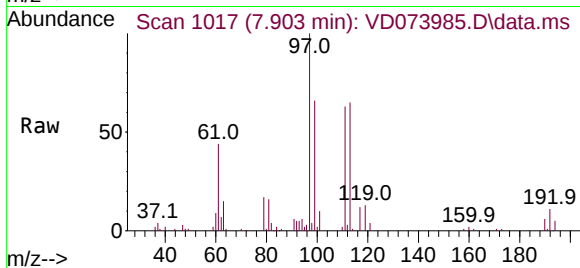
Tgt Ion:113 Resp: 66734

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 49.043 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

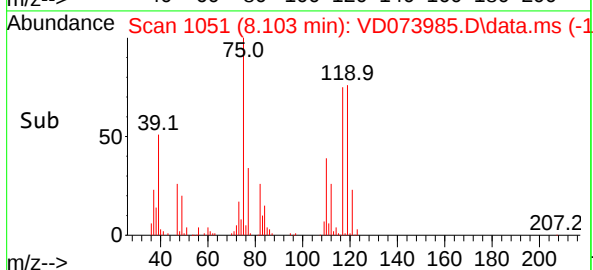
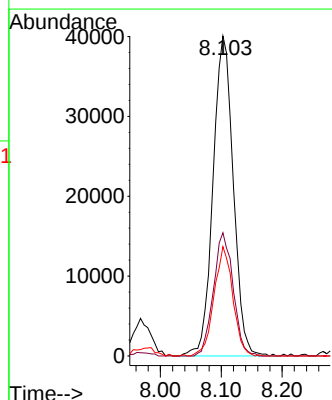
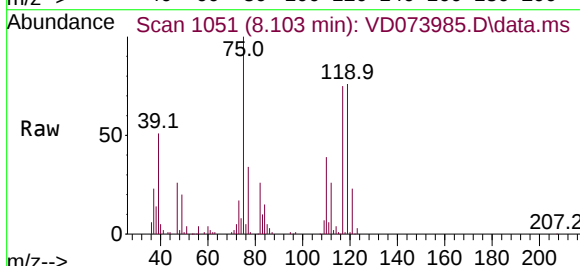
Tgt Ion: 75 Resp: 92687

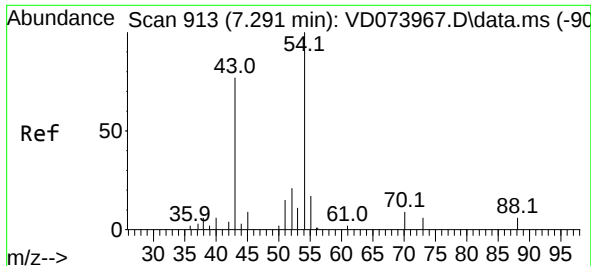
Ion Ratio Lower Upper

75 100

110 37.3 18.9 56.7

77 31.7 25.5 38.3





#37

Ethyl Acetate

Concen: 63.419 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

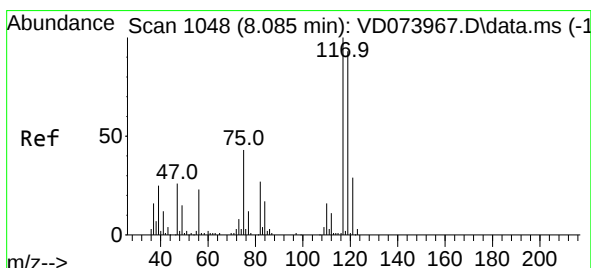
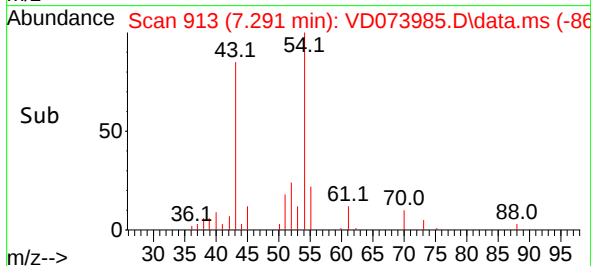
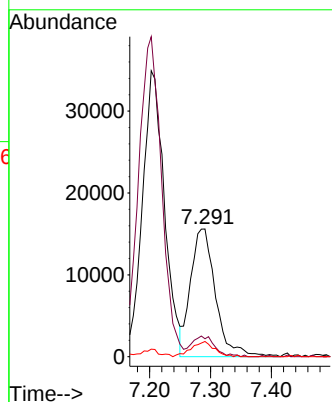
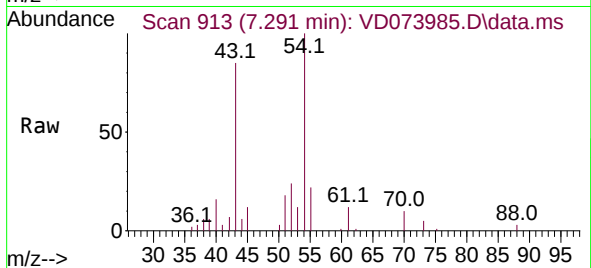
Tgt Ion: 43 Resp: 44571

Ion Ratio Lower Upper

43 100

61 15.0 11.2 16.8

70 10.9 7.7 11.5



#38

Carbon Tetrachloride

Concen: 53.079 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

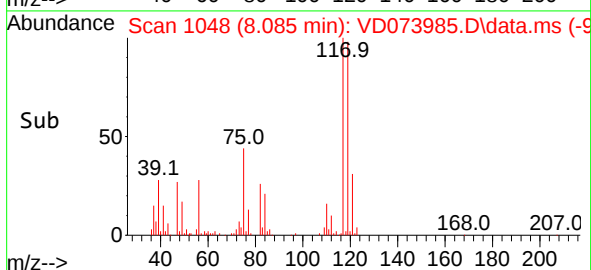
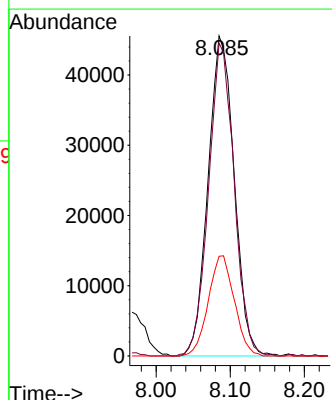
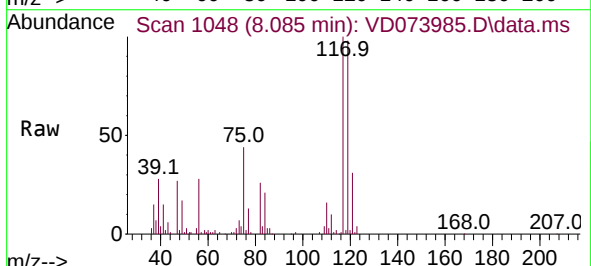
Tgt Ion: 117 Resp: 111711

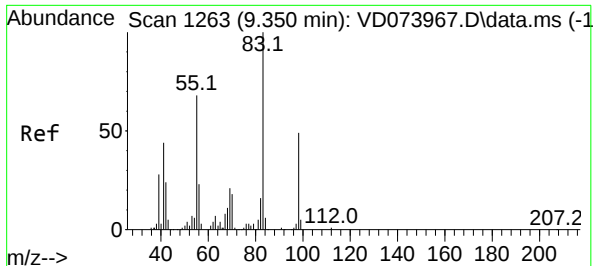
Ion Ratio Lower Upper

117 100

119 97.7 74.7 112.1

121 31.1 23.4 35.0





#39

Methylcyclohexane

Concen: 46.160 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

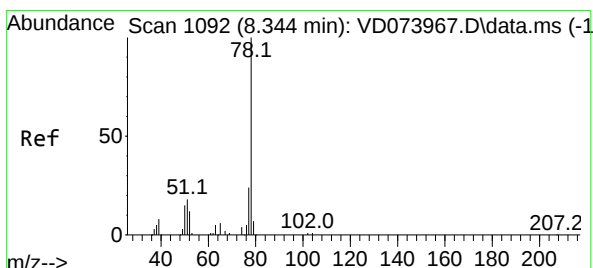
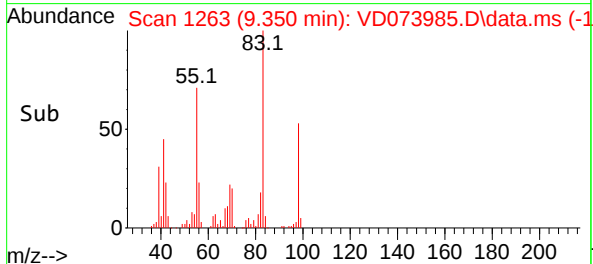
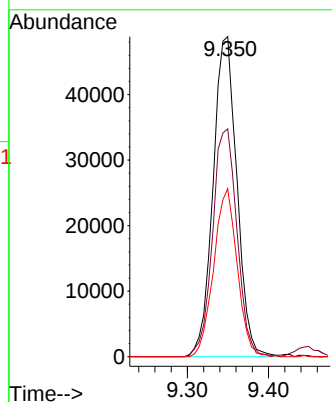
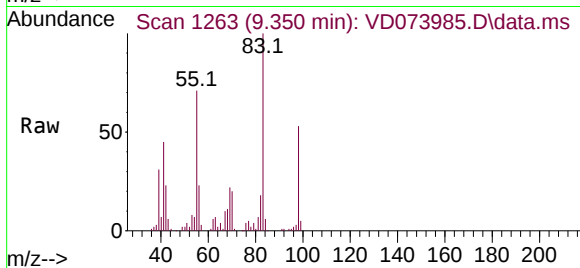
Tgt Ion: 83 Resp: 99749

Ion Ratio Lower Upper

83 100

55 71.2 54.1 81.1

98 52.5 39.2 58.8



#40

Benzene

Concen: 51.402 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073985.D

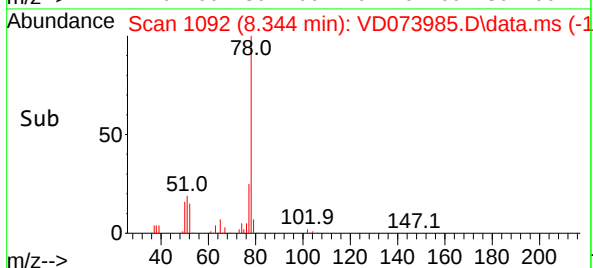
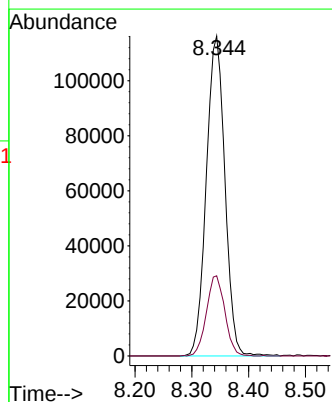
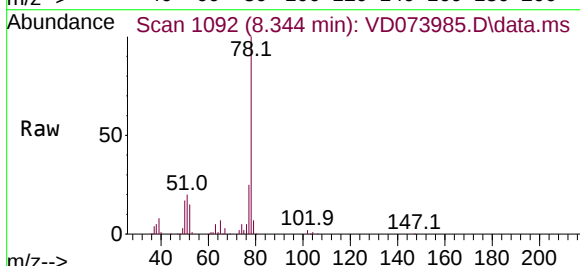
Acq: 08 Aug 2022 21:22

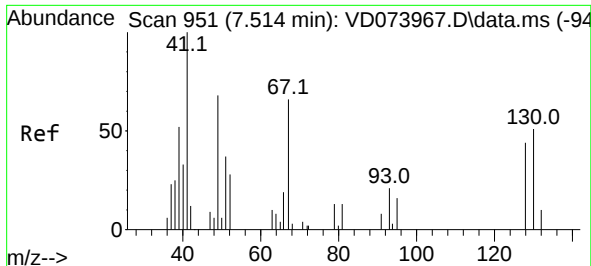
Tgt Ion: 78 Resp: 263814

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9

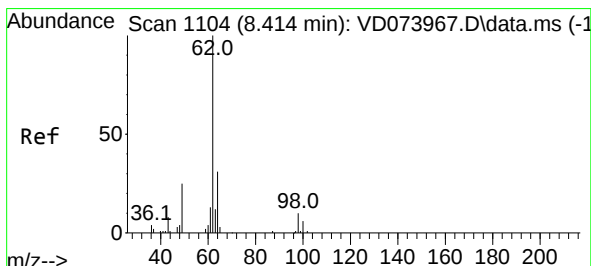
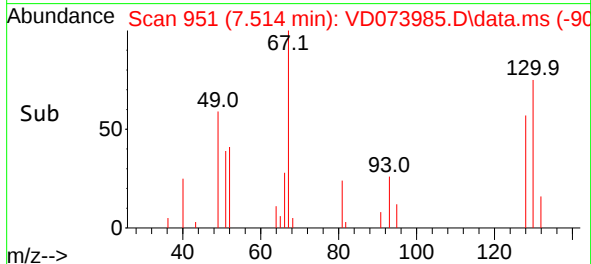
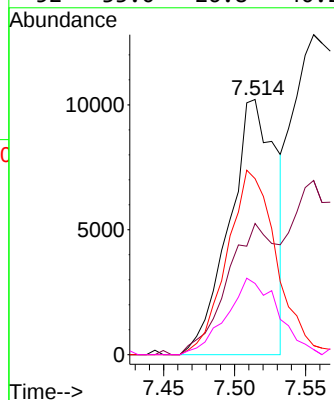
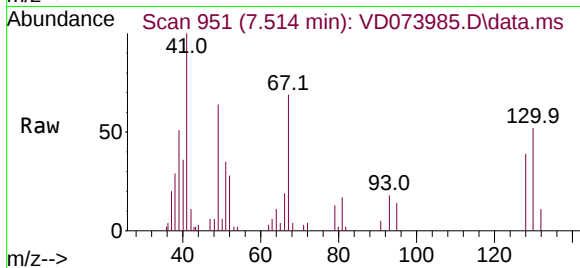




#41
Methacrylonitrile
Concen: 63.168 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

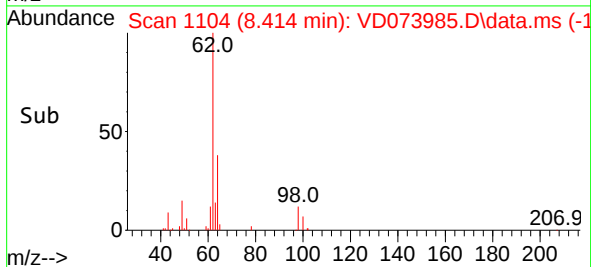
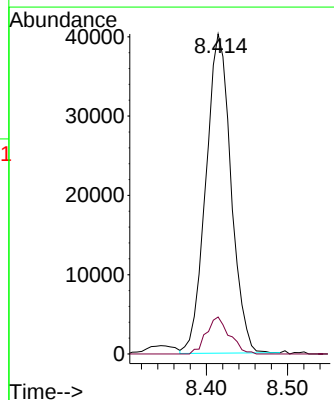
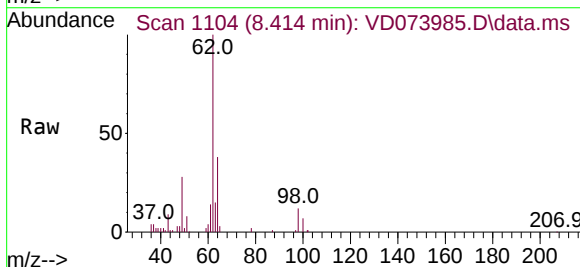
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

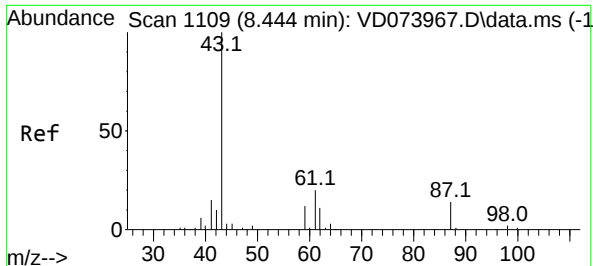
Tgt Ion:	41	Resp:	23447
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.3	67.9
67	76.7	60.2	90.4
52	33.0	26.8	40.2



#42
1,2-Dichloroethane
Concen: 55.595 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:	62	Resp:	86563
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.6

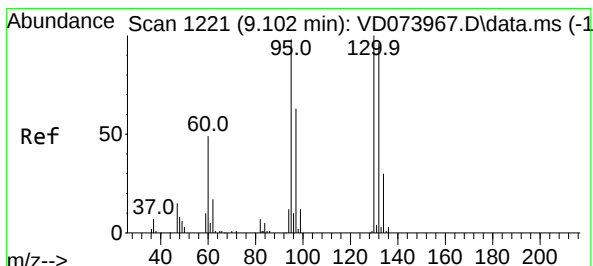
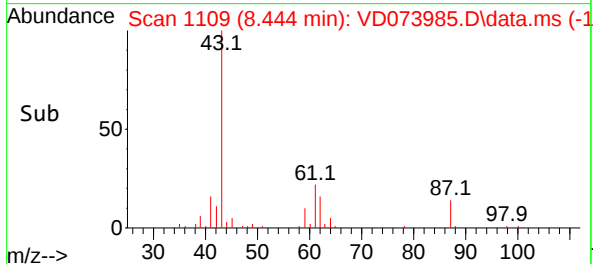
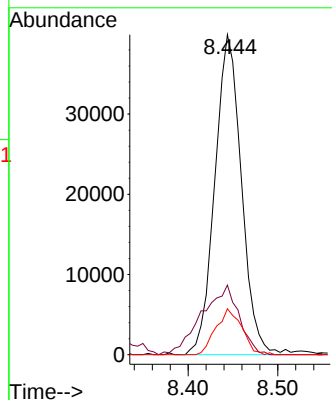
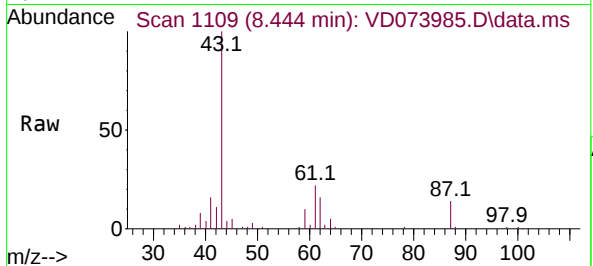




#43
Isopropyl Acetate
Concen: 59.654 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

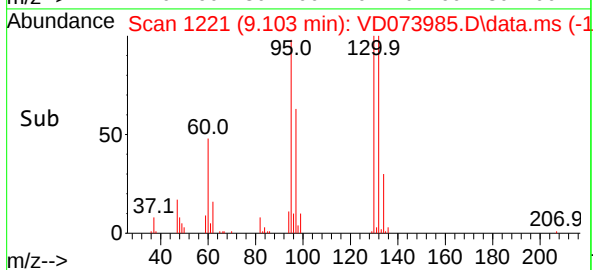
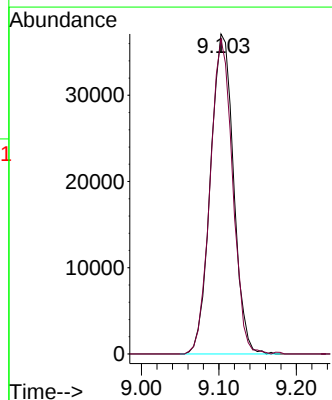
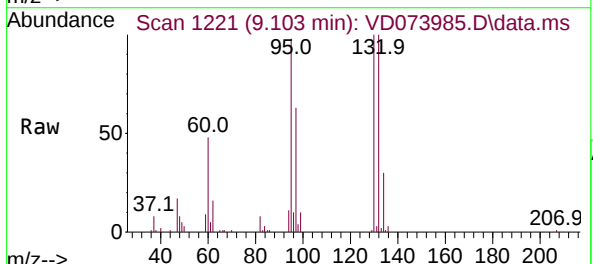
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

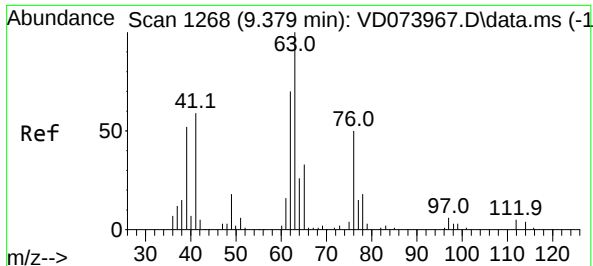
Tgt Ion: 43 Resp: 81923
Ion Ratio Lower Upper
43 100
61 30.5 25.8 38.6
87 14.0 11.8 17.8



#44
Trichloroethene
Concen: 51.868 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 130 Resp: 76628
Ion Ratio Lower Upper
130 100
95 98.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 55.385 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

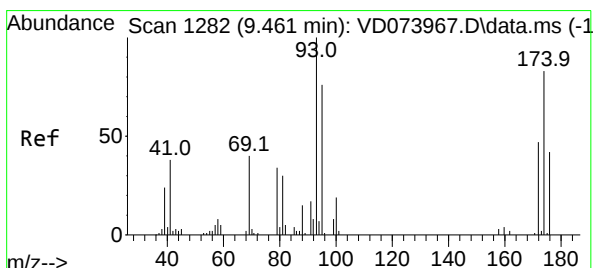
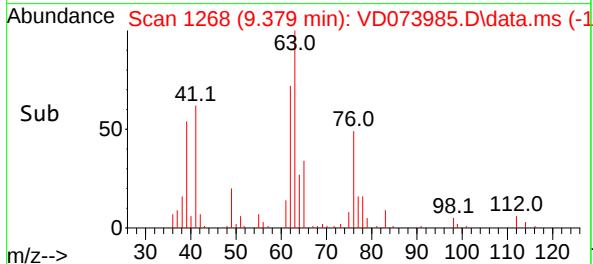
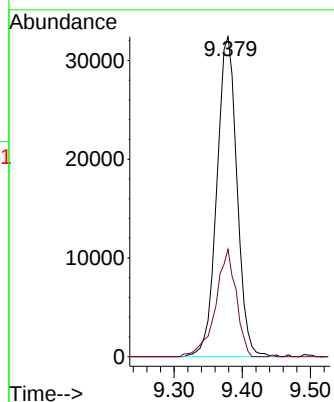
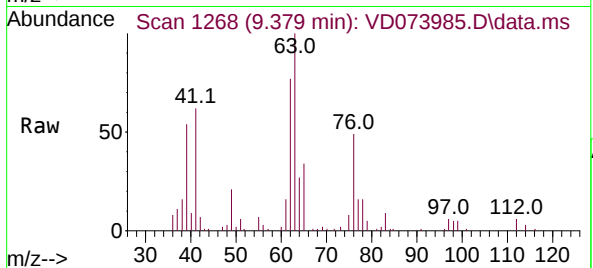
VSTDCCC050EC

Tgt Ion: 63 Resp: 66626

Ion Ratio Lower Upper

63 100

65 33.5 26.8 40.2



#46

Dibromomethane

Concen: 56.064 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

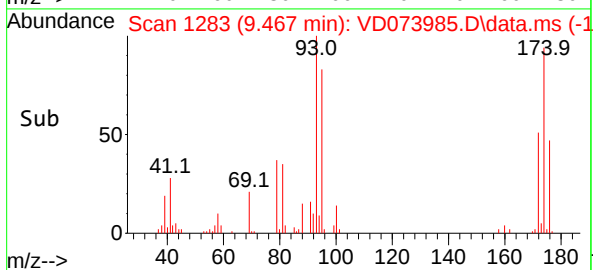
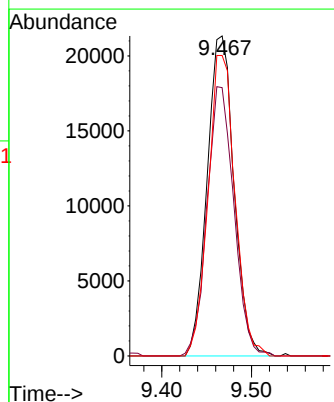
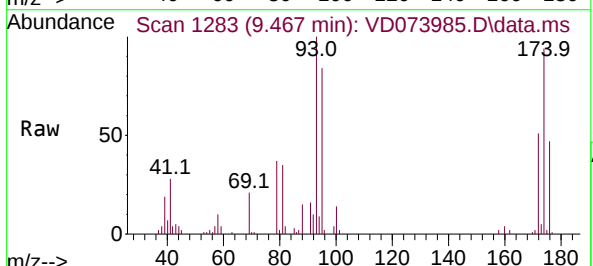
Tgt Ion: 93 Resp: 44434

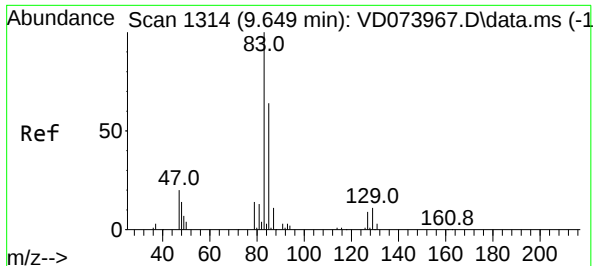
Ion Ratio Lower Upper

93 100

95 84.0 63.6 95.4

174 93.6 74.9 112.3





#47

Bromodichloromethane

Concen: 58.731 ug/l

RT: 9.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

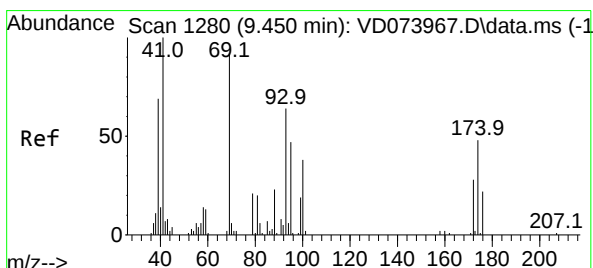
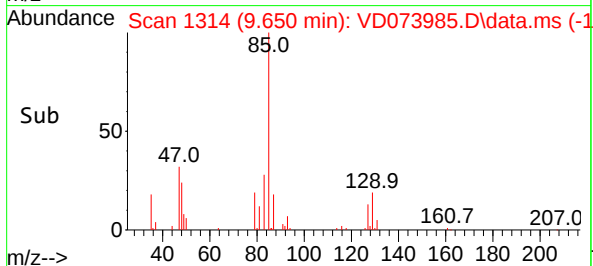
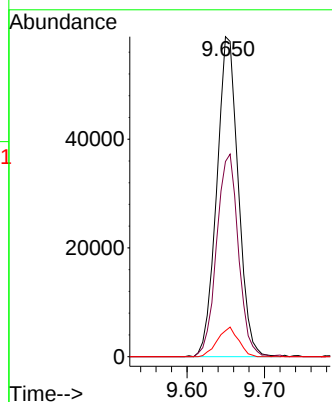
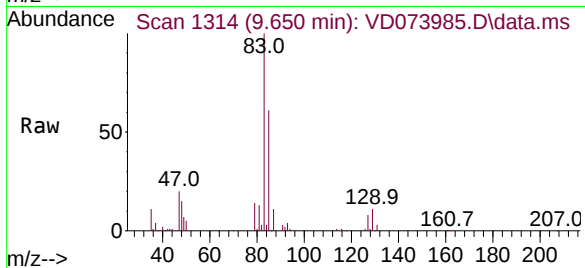
Tgt Ion: 83 Resp: 113374

Ion Ratio Lower Upper

83 100

85 61.0 51.5 77.3

127 8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 55.946 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

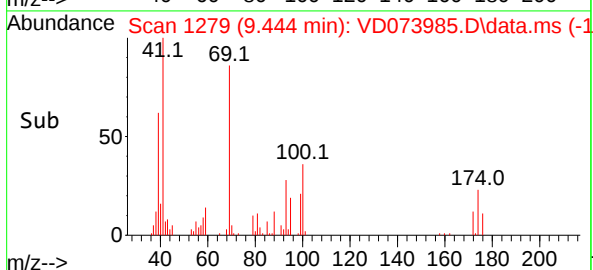
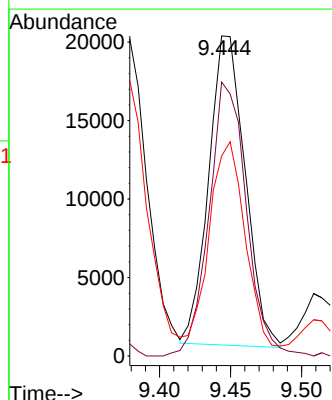
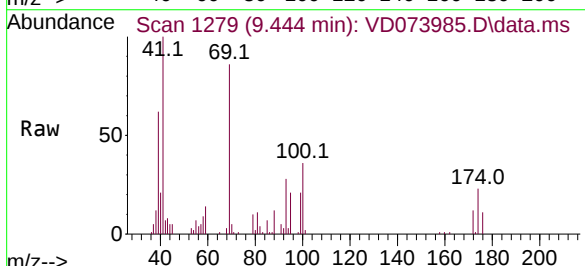
Tgt Ion: 41 Resp: 35134

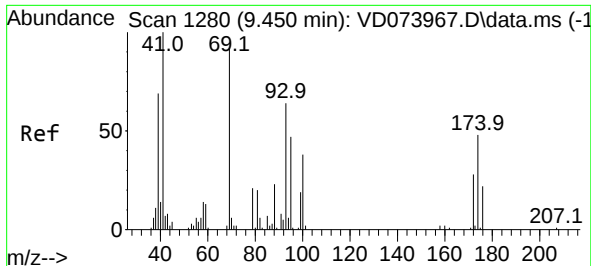
Ion Ratio Lower Upper

41 100

69 91.0 70.6 105.8

39 64.2 50.6 76.0





#49

1,4-Dioxane

Concen: 1235.470 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

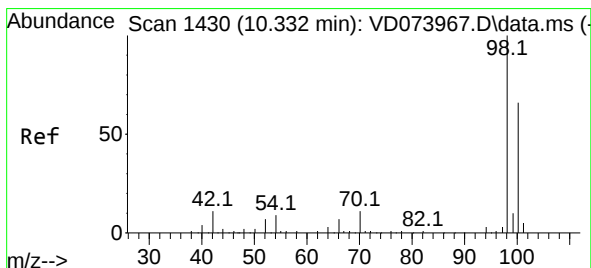
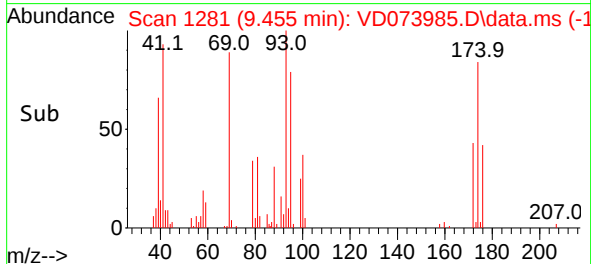
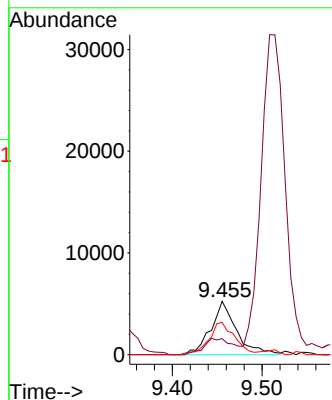
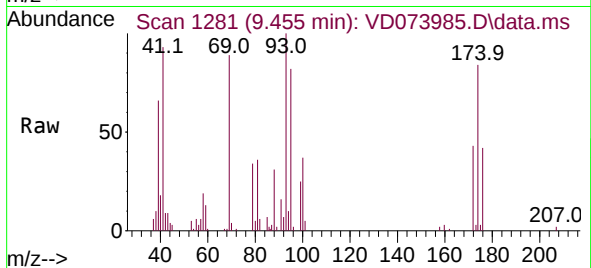
Tgt Ion: 88 Resp: 10396

Ion Ratio Lower Upper

88 100

43 33.3 24.4 36.6

58 59.8 58.0 87.0



#50

Toluene-d8

Concen: 53.780 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073985.D

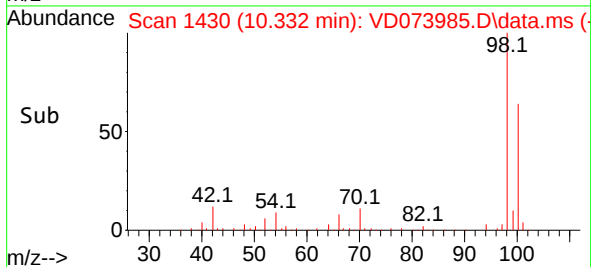
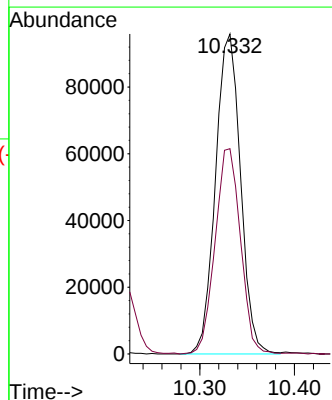
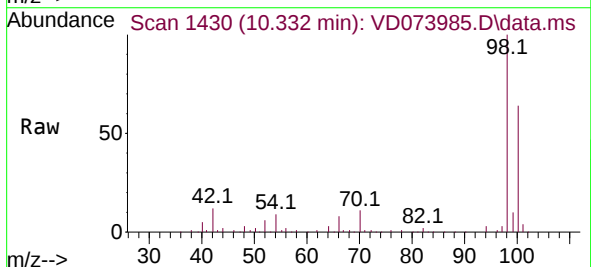
Acq: 08 Aug 2022 21:22

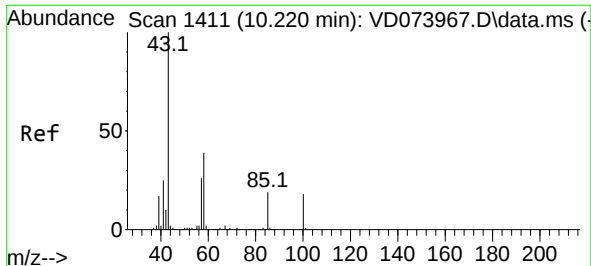
Tgt Ion: 98 Resp: 176082

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

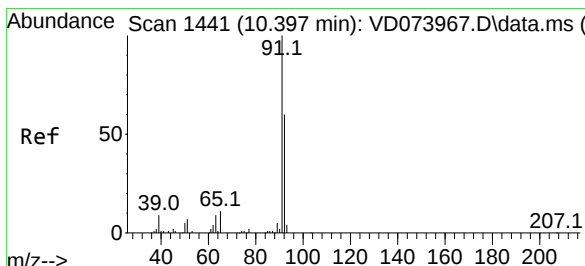
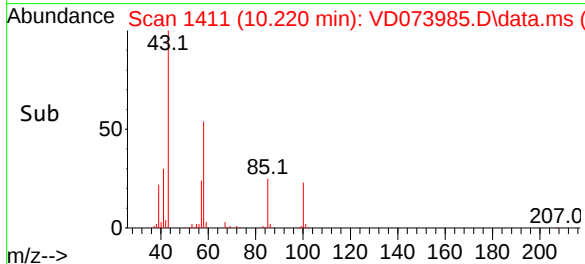
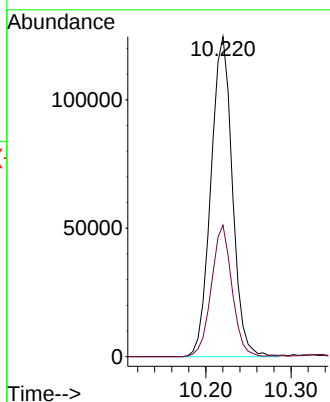
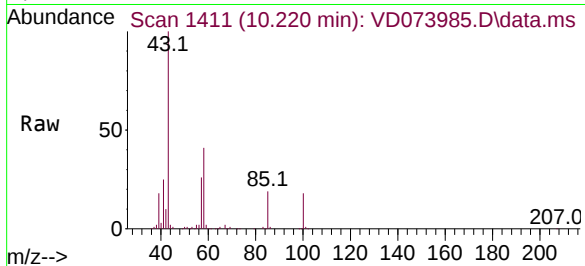




#51
4-Methyl-2-Pentanone
Concen: 319.540 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

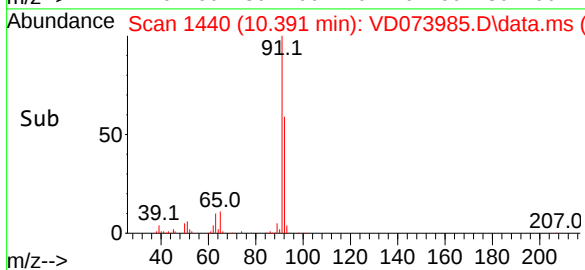
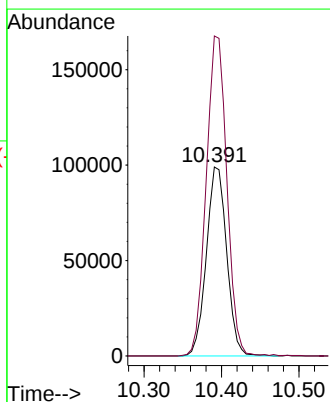
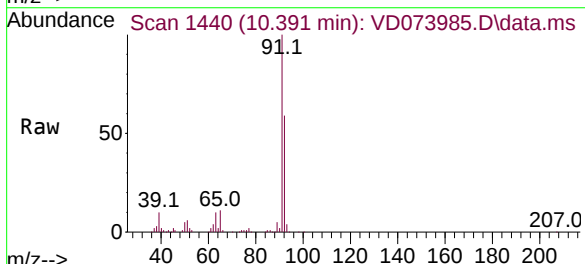
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

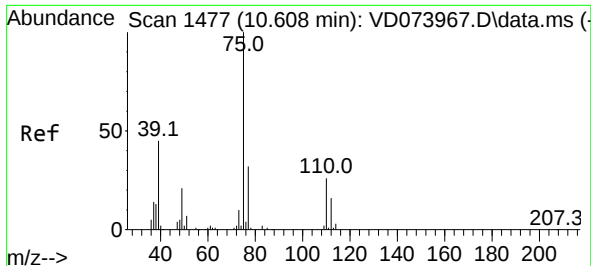
Tgt Ion: 43 Resp: 218332
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4



#52
Toluene
Concen: 53.214 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 92 Resp: 180637
Ion Ratio Lower Upper
92 100
91 171.3 135.6 203.4

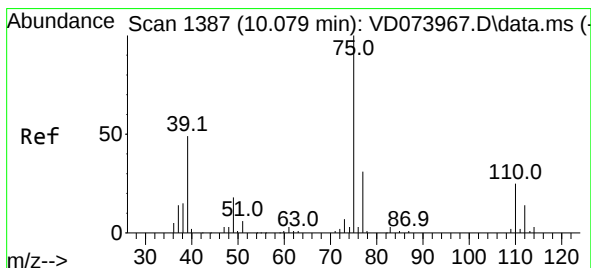
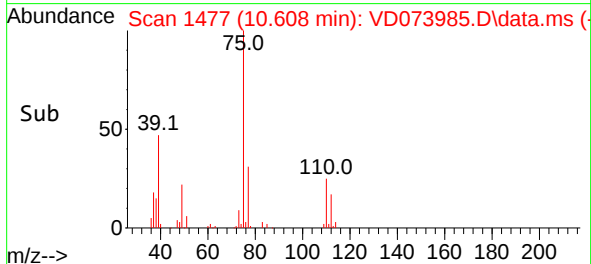
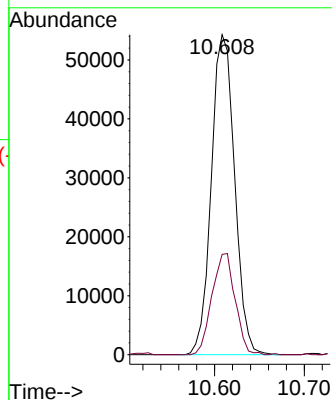
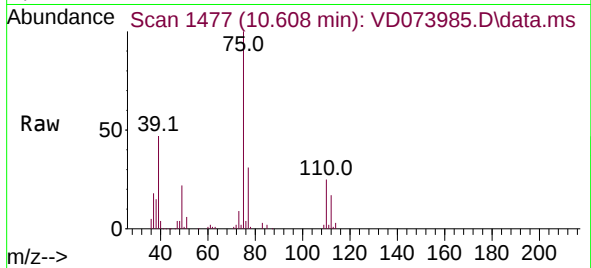




#53
t-1,3-Dichloropropene
Concen: 56.321 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

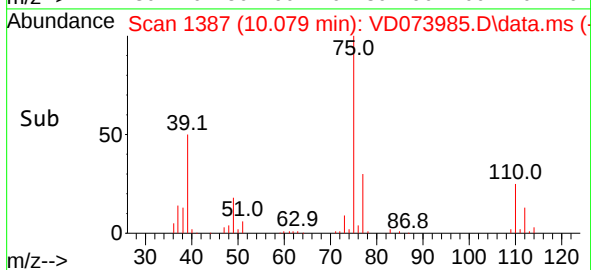
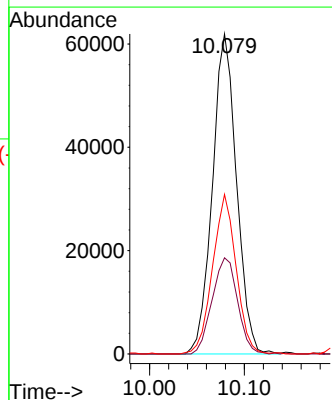
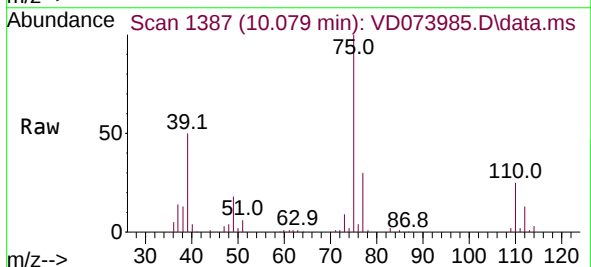
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

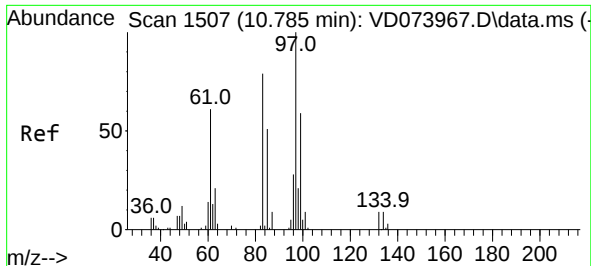
Tgt Ion: 75 Resp: 97854
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 55.244 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 75 Resp: 109463
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.4
39 49.8 39.4 59.2

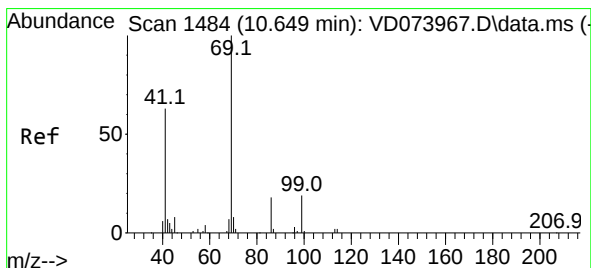
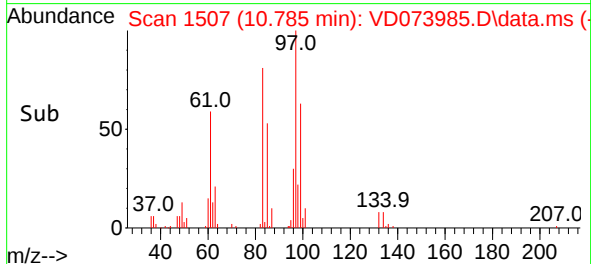
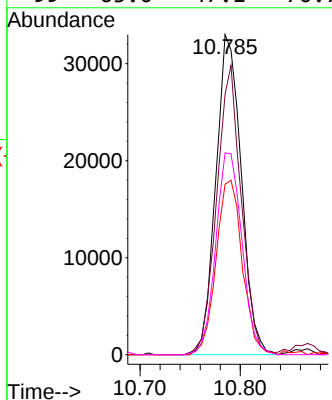
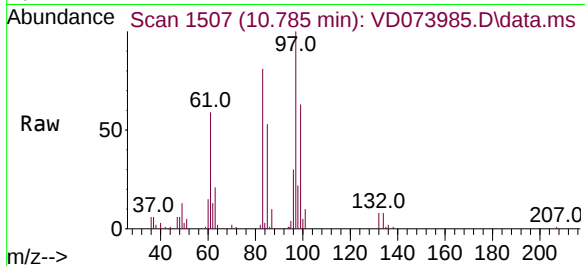




#55
1,1,2-Trichloroethane
Concen: 57.880 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

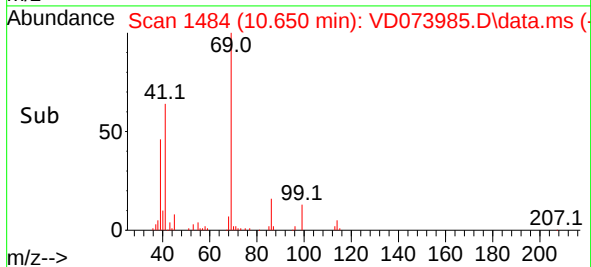
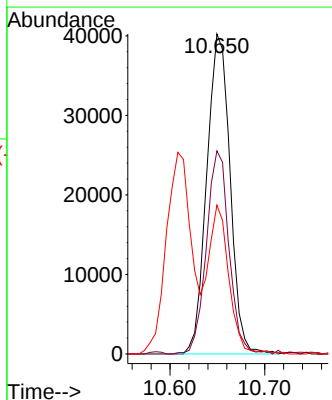
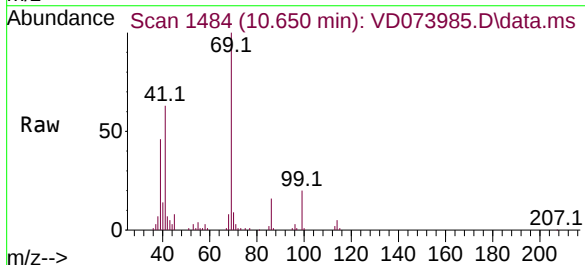
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

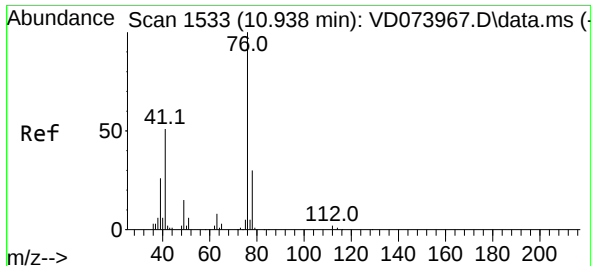
Tgt Ion:	97	Resp:	58116
Ion	Ratio	Lower	Upper
97	100		
83	81.3	63.0	94.6
85	53.2	40.7	61.1
99	63.0	47.1	70.7



#56
Ethyl methacrylate
Concen: 63.016 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:	69	Resp:	68726
Ion	Ratio	Lower	Upper
69	100		
41	61.6	51.2	76.8
39	41.2	32.8	49.2





#57

1,3-Dichloropropane

Concen: 58.818 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

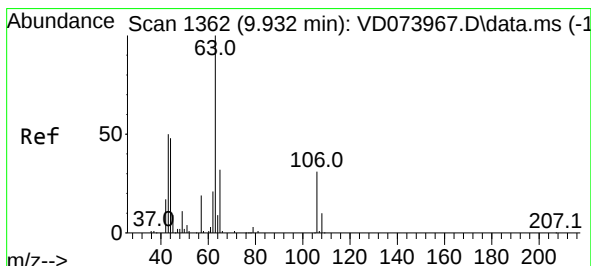
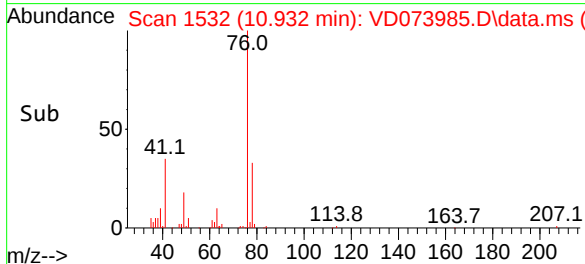
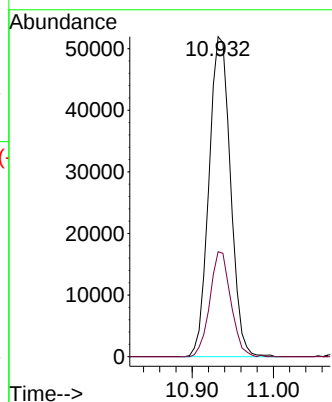
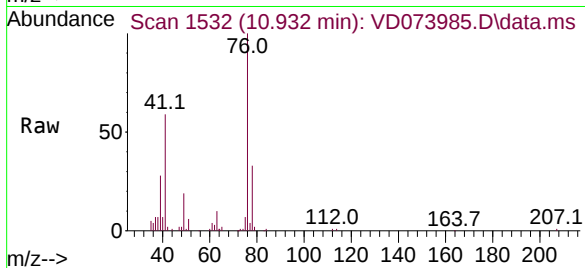
VSTDCCC050EC

Tgt Ion: 76 Resp: 95848

Ion Ratio Lower Upper

76 100

78 31.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 301.353 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073985.D

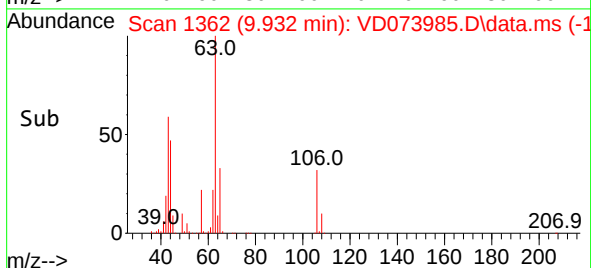
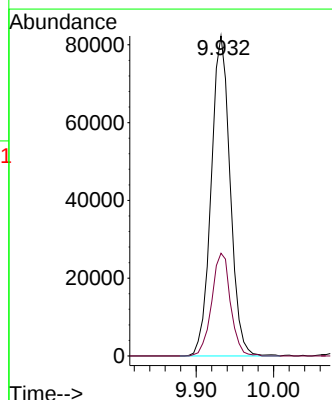
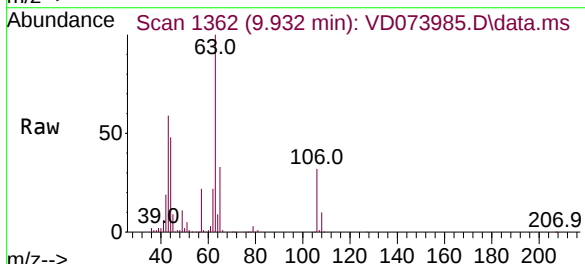
Acq: 08 Aug 2022 21:22

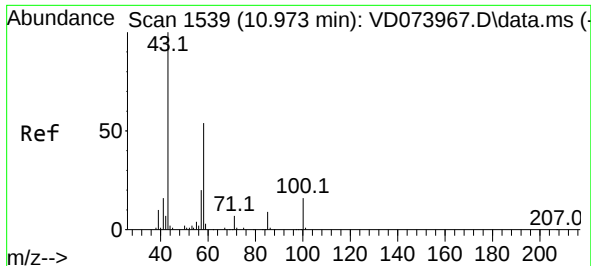
Tgt Ion: 63 Resp: 140217

Ion Ratio Lower Upper

63 100

106 31.8 25.2 37.8

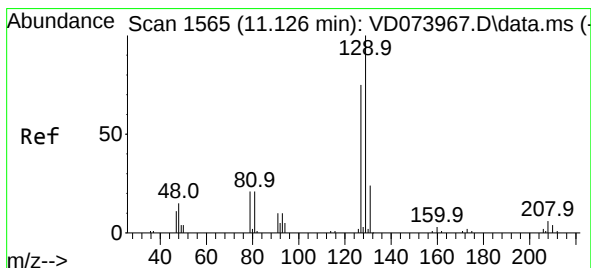
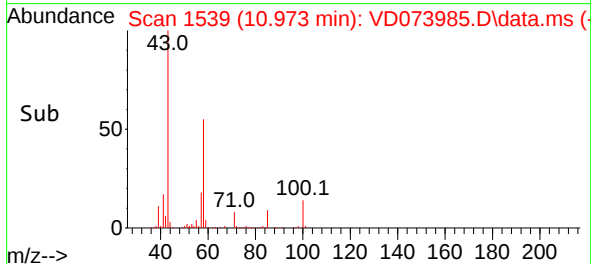
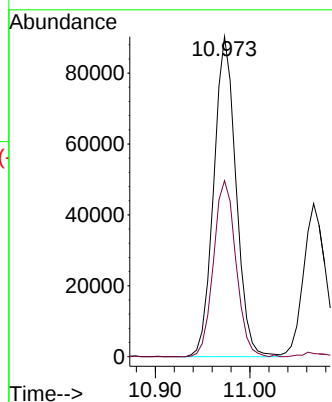
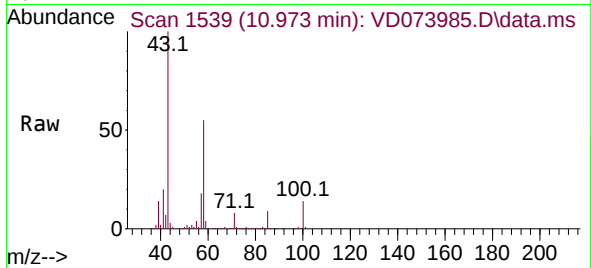




#59
2-Hexanone
Concen: 325.972 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

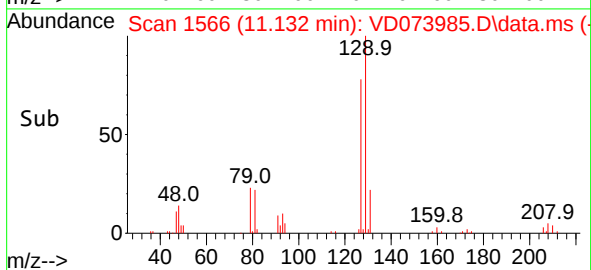
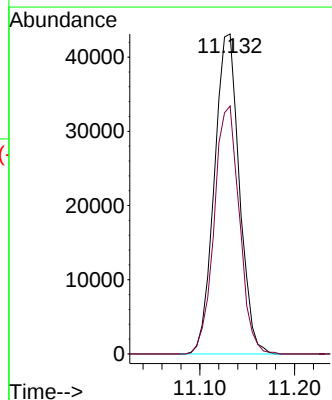
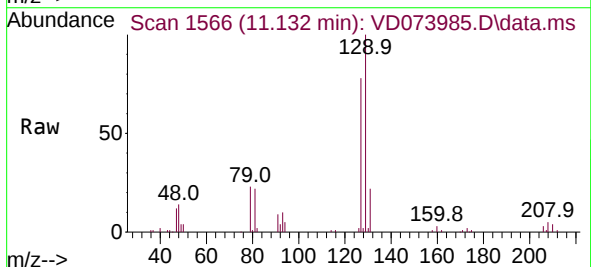
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

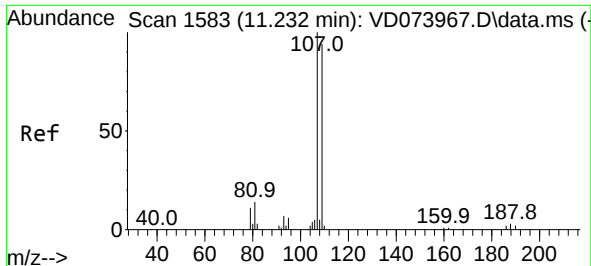
Tgt Ion: 43 Resp: 147527
Ion Ratio Lower Upper
43 100
58 55.3 27.4 82.0



#60
Dibromochloromethane
Concen: 58.825 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:129 Resp: 79133
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

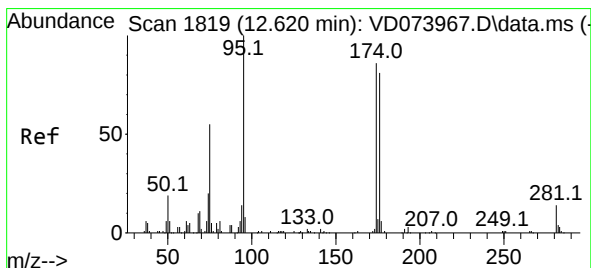
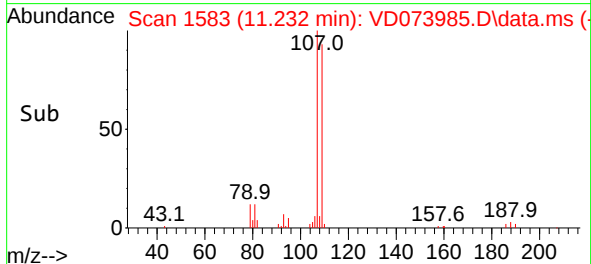
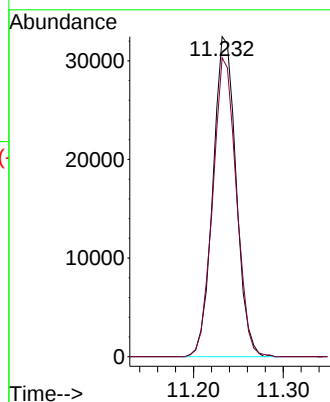
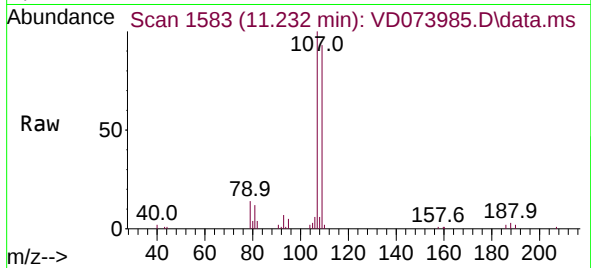




#61
1,2-Dibromoethane
Concen: 57.857 ug/l
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

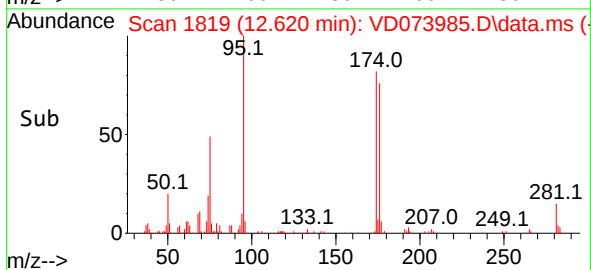
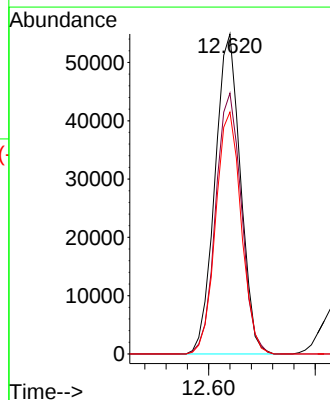
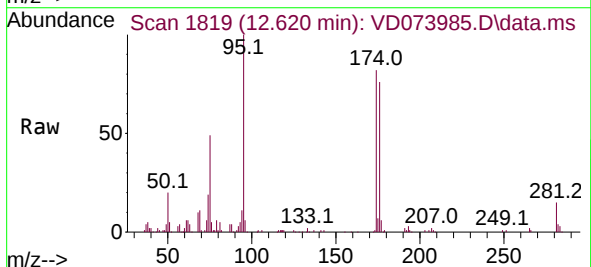
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

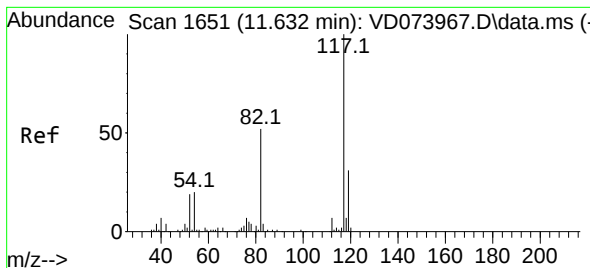
Tgt Ion:107 Resp: 58093
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 57.153 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 95 Resp: 91180
Ion Ratio Lower Upper
95 100
174 81.9 0.0 163.0
176 75.7 0.0 154.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

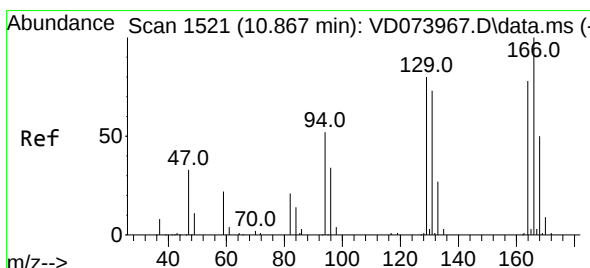
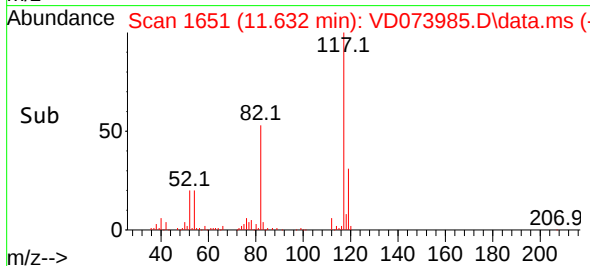
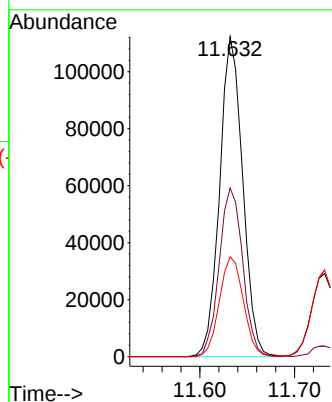
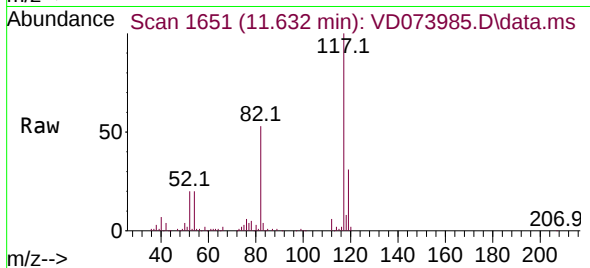
Tgt Ion:117 Resp: 189969

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

119 31.2 24.8 37.2



#64

Tetrachloroethene

Concen: 48.871 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Tgt Ion:164 Resp: 65129

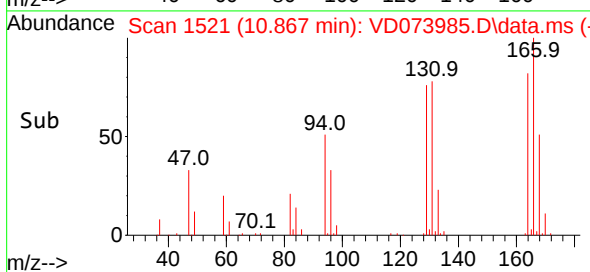
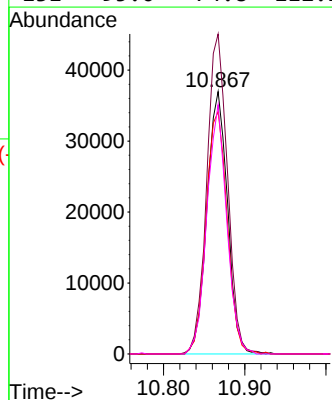
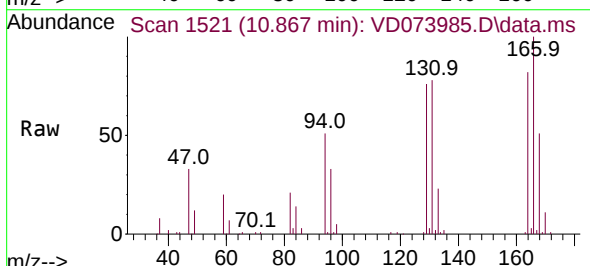
Ion Ratio Lower Upper

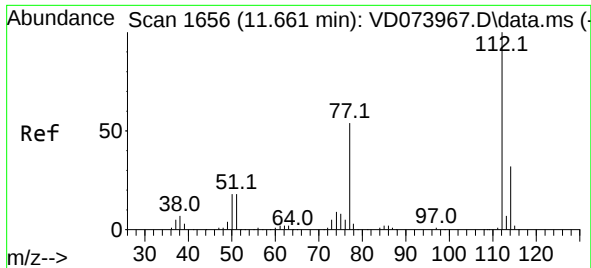
164 100

166 122.0 102.7 154.1

129 92.4 82.0 123.0

131 95.0 74.8 112.2

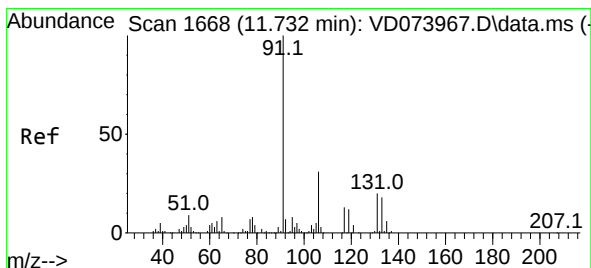
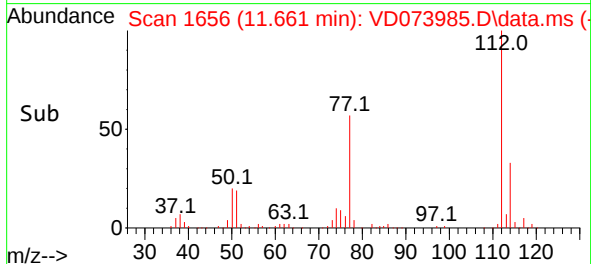
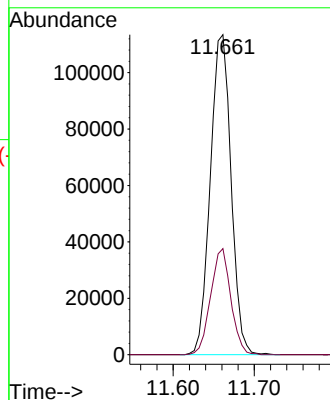
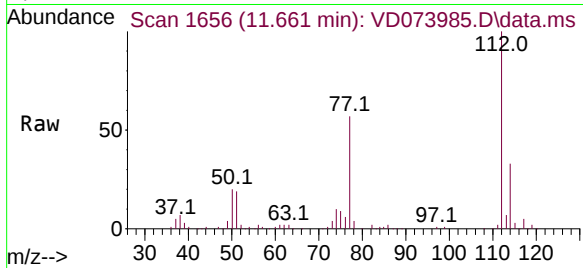




#65
Chlorobenzene
Concen: 52.545 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

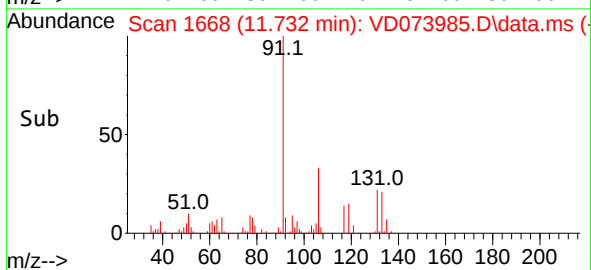
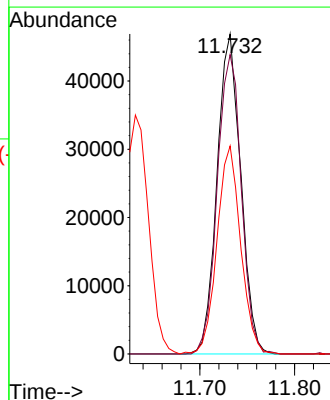
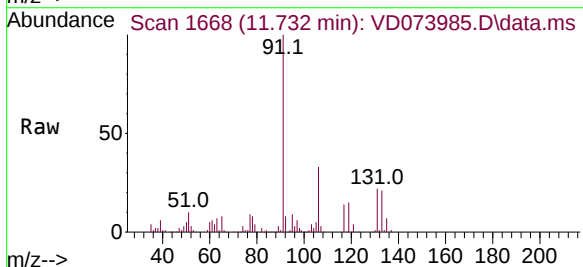
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

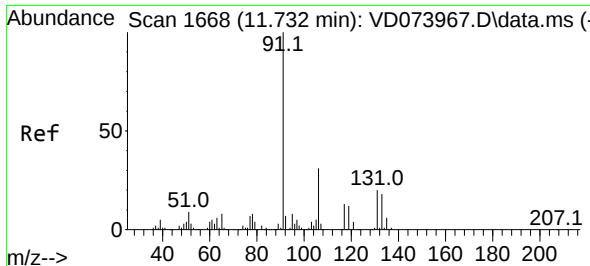
Tgt Ion:112 Resp: 201639
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.491 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:131 Resp: 81434
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.0 31.1 93.2

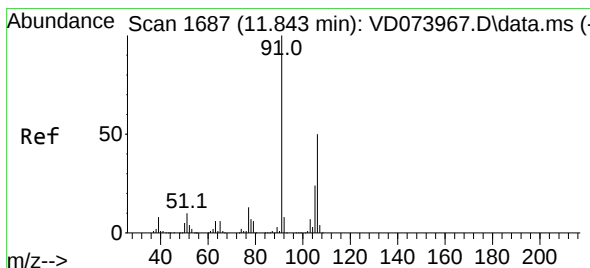
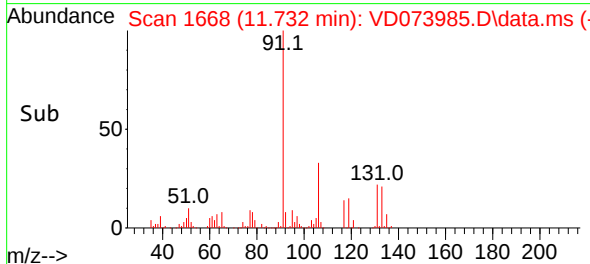
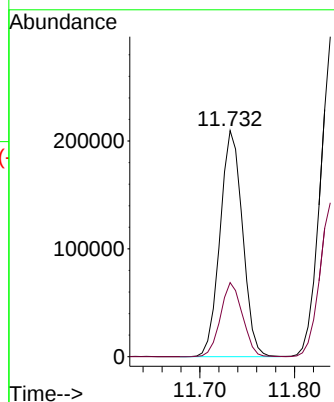
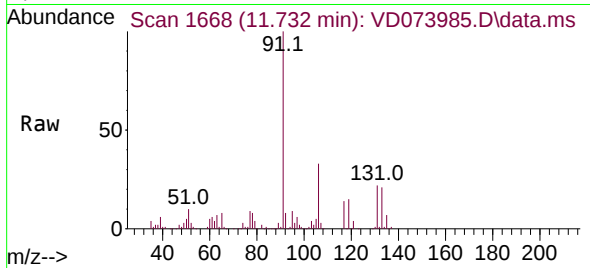




#67
Ethyl Benzene
Concen: 52.027 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

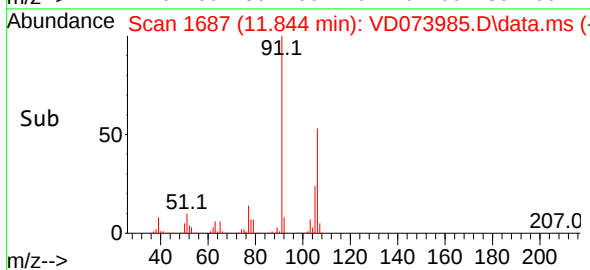
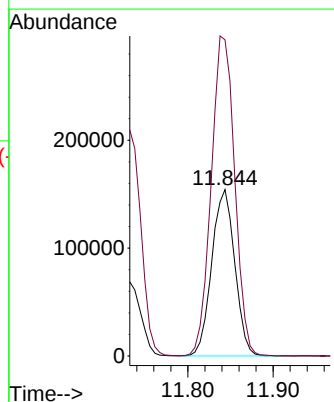
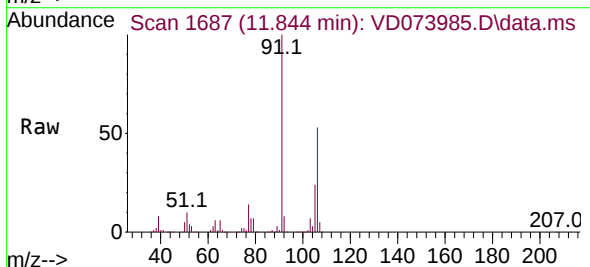
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

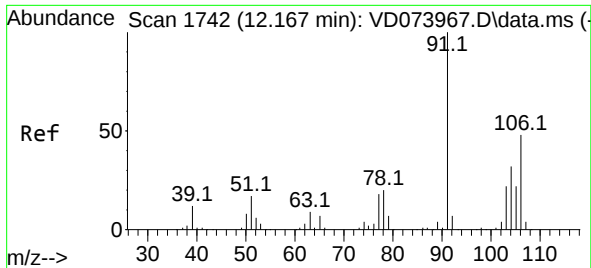
Tgt Ion: 91 Resp: 346538
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.4



#68
m/p-Xylenes
Concen: 107.357 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:106 Resp: 289852
Ion Ratio Lower Upper
106 100
91 196.5 159.7 239.5

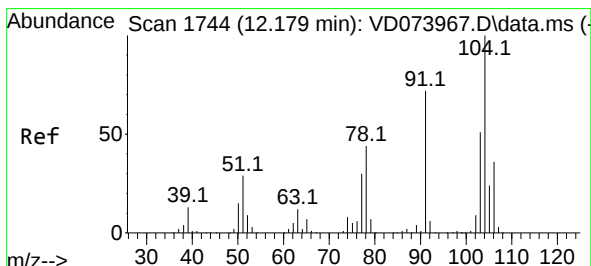
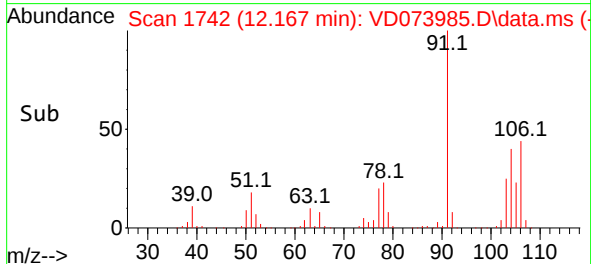
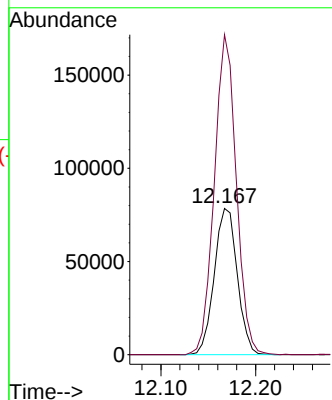
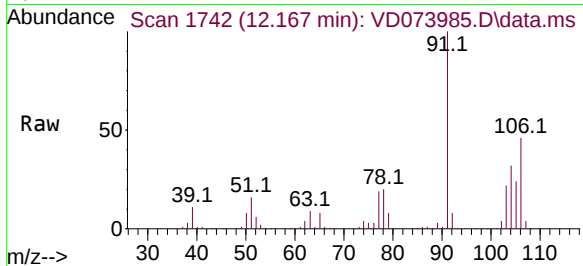




#69
o-Xylene
Concen: 53.426 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

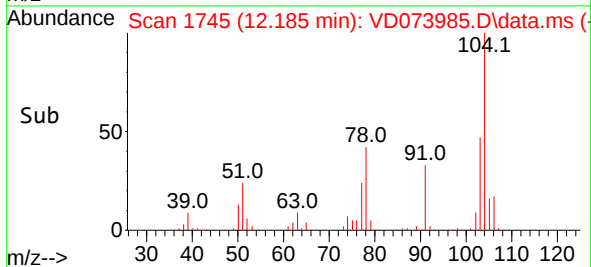
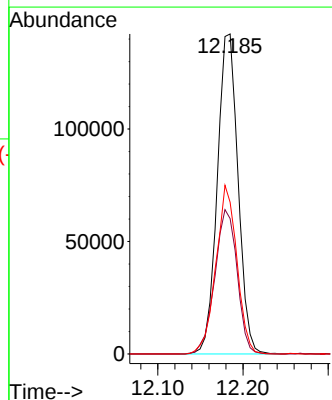
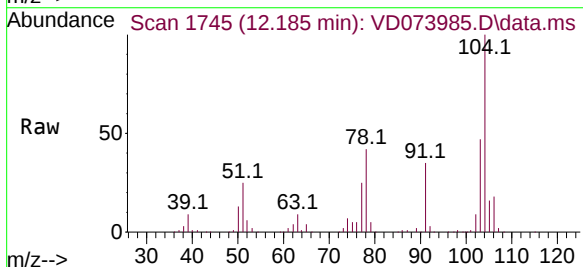
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

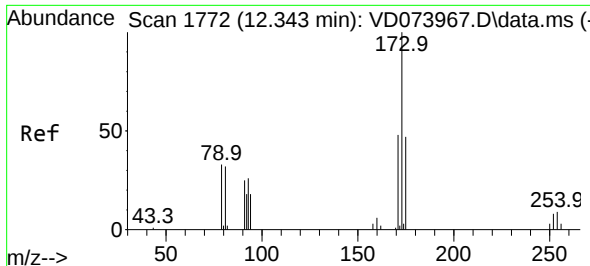
Tgt Ion:106 Resp: 132467
Ion Ratio Lower Upper
106 100
91 209.1 103.5 310.3



#70
Styrene
Concen: 56.823 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:104 Resp: 240713
Ion Ratio Lower Upper
104 100
78 48.4 38.4 57.6
103 53.3 43.6 65.4

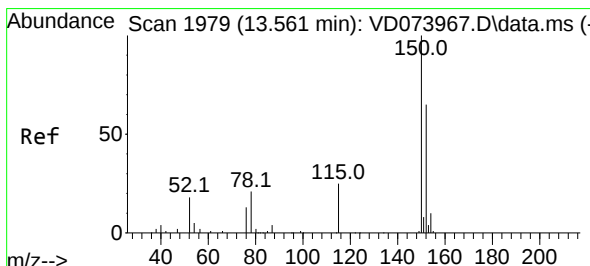
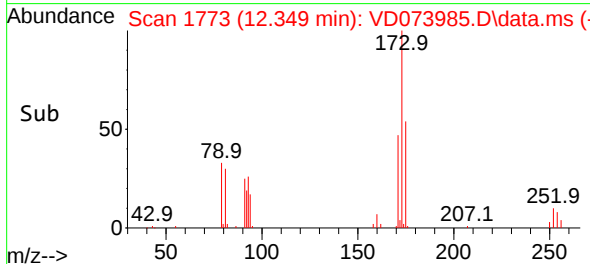
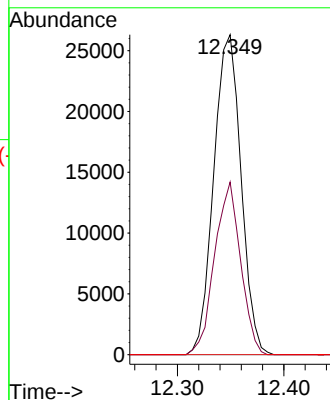
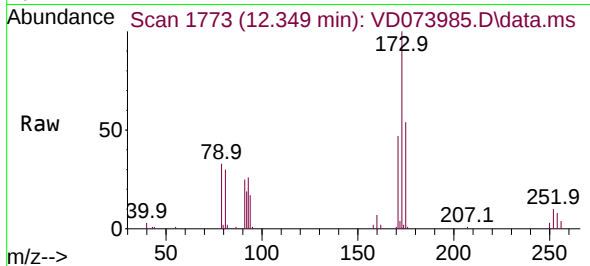




#71
Bromoform
Concen: 55.854 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

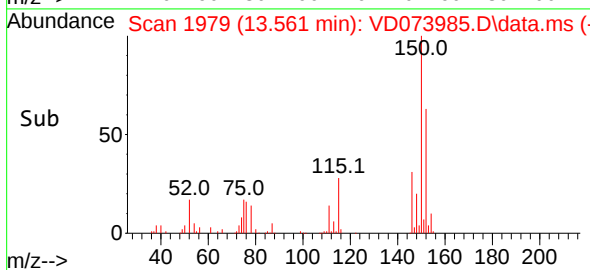
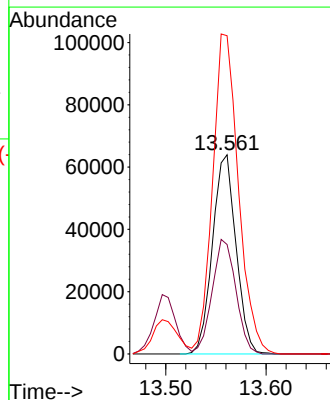
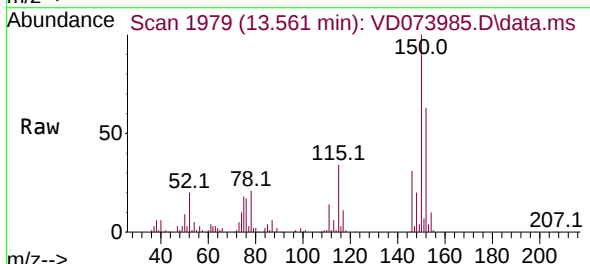
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

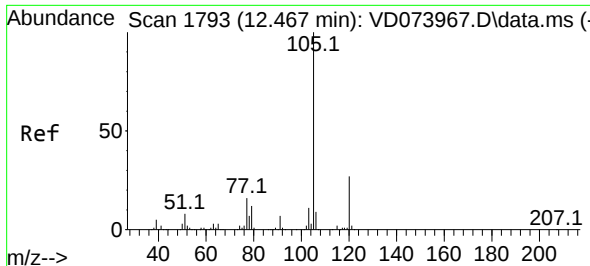
Tgt Ion:173 Resp: 46840
Ion Ratio Lower Upper
173 100
175 51.3 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:152 Resp: 104287
Ion Ratio Lower Upper
152 100
115 57.9 30.4 91.3
150 176.0 0.0 357.2

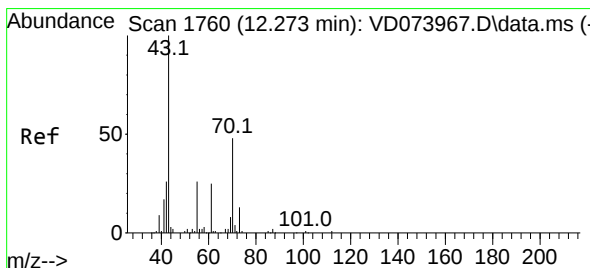
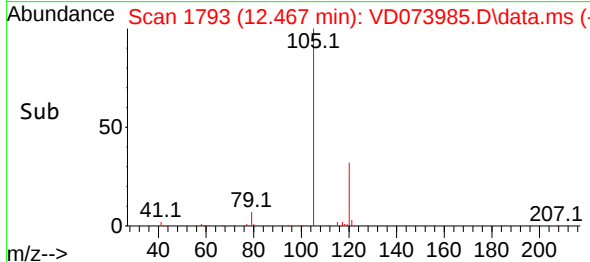
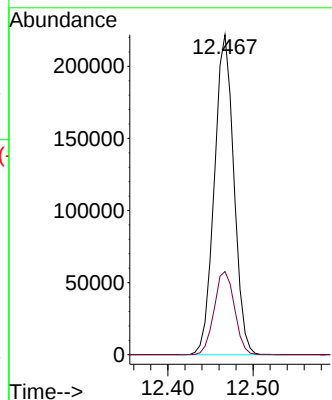
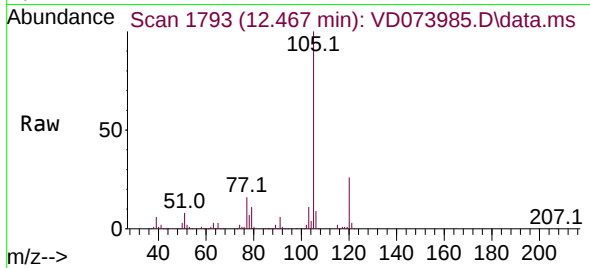




#73
Isopropylbenzene
Concen: 49.469 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

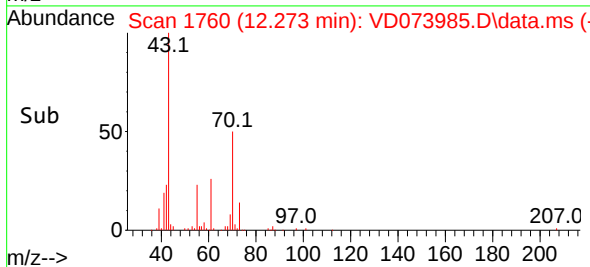
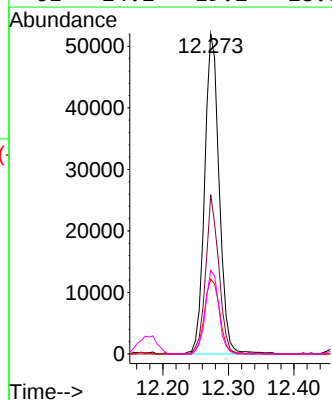
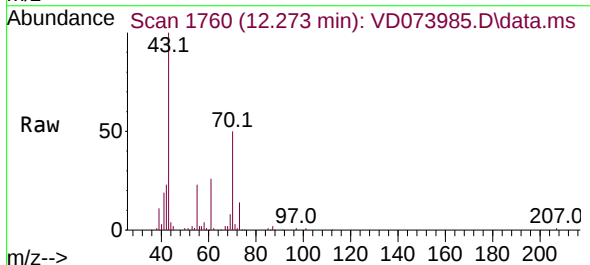
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

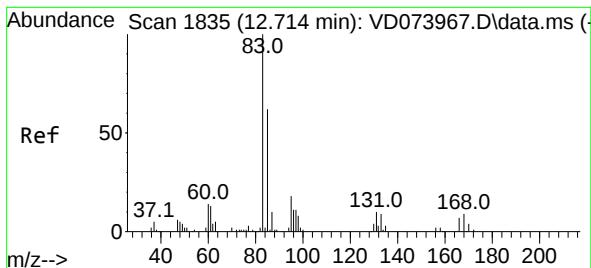
Tgt Ion:105 Resp: 352932
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 56.921 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 43 Resp: 80566
Ion Ratio Lower Upper
43 100
70 44.5 36.6 54.8
55 24.4 19.8 29.8
61 24.2 19.2 28.8





#75

1,1,2-Tetrachloroethane

Concen: 54.537 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

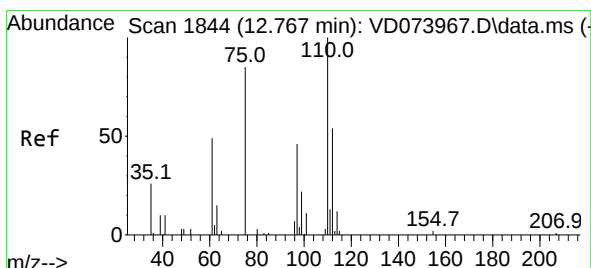
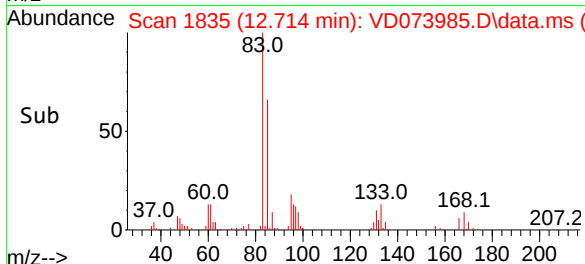
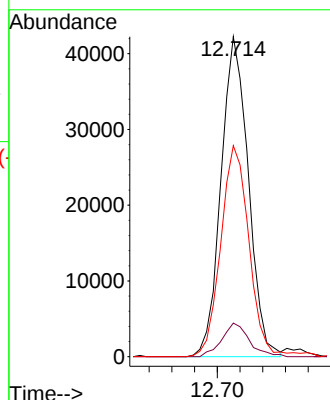
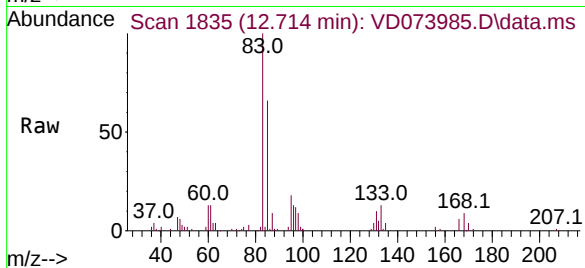
Tgt Ion: 83 Resp: 70547

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.5

85 68.6 31.3 93.8



#76

1,2,3-Trichloropropane

Concen: 88.607 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VD073985.D

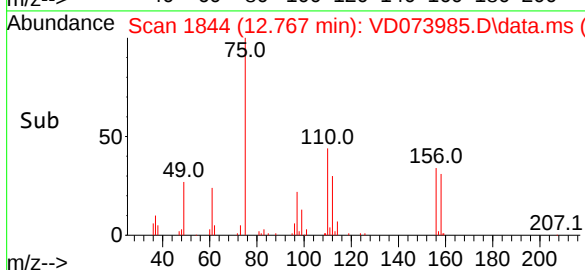
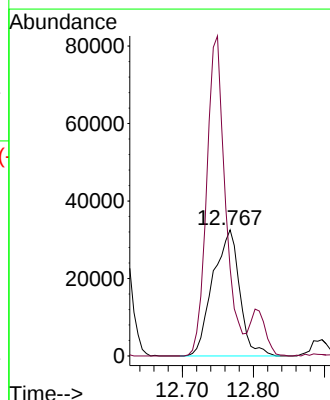
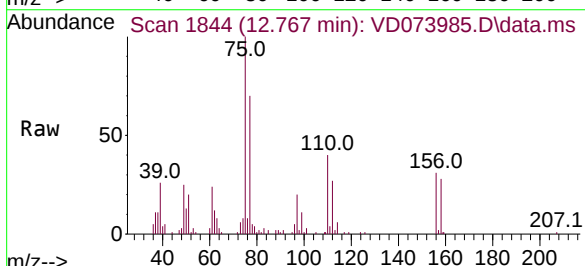
Acq: 08 Aug 2022 21:22

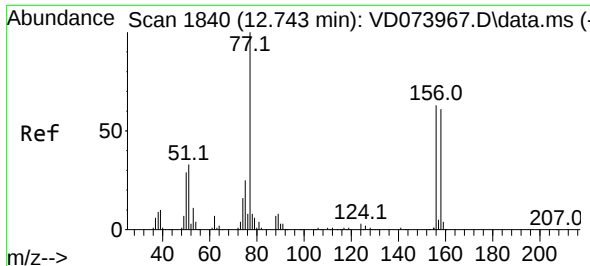
Tgt Ion: 75 Resp: 85151

Ion Ratio Lower Upper

75 100

77 177.0 0.0 0.0#

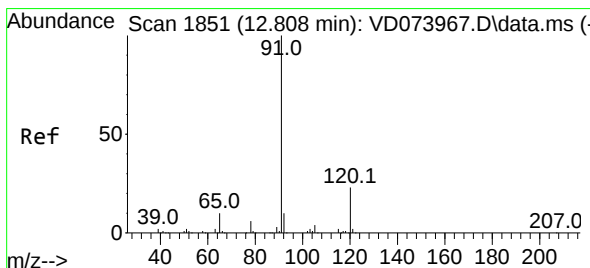
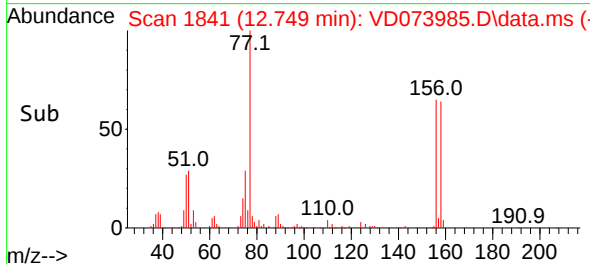
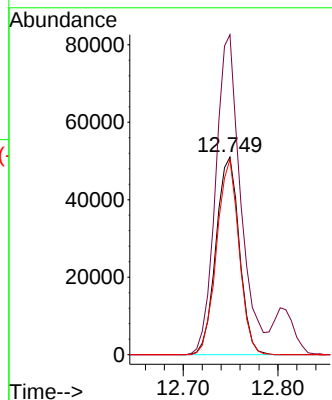
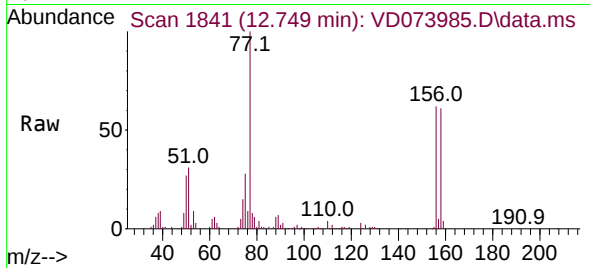




#77
Bromobenzene
Concen: 52.012 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

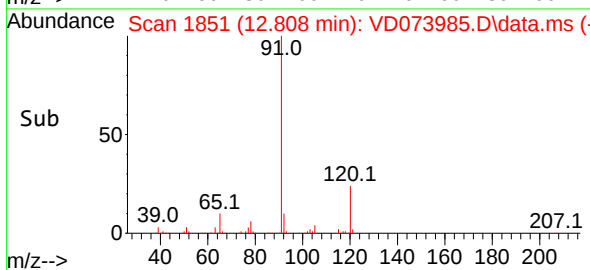
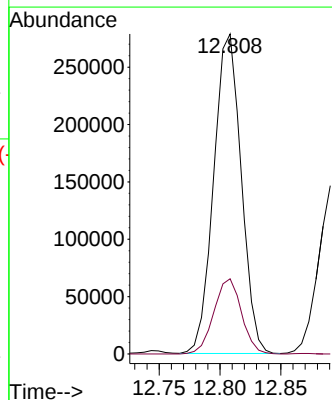
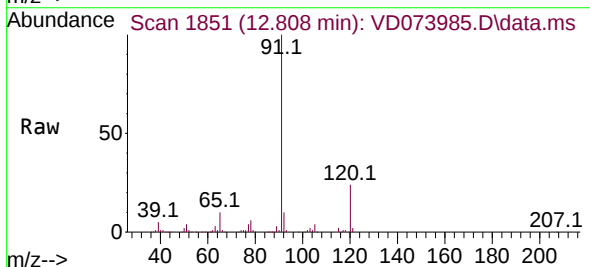
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

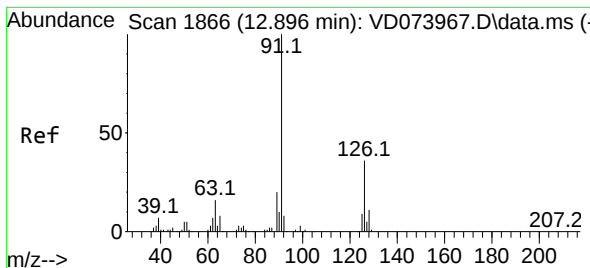
Tgt Ion:156 Resp: 87412
Ion Ratio Lower Upper
156 100
77 172.4 84.3 252.9
158 94.7 47.8 143.4



#78
n-propylbenzene
Concen: 49.884 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 91 Resp: 438015
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.7





#79

2-Chlorotoluene

Concen: 50.423 ug/l

RT: 12.891 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

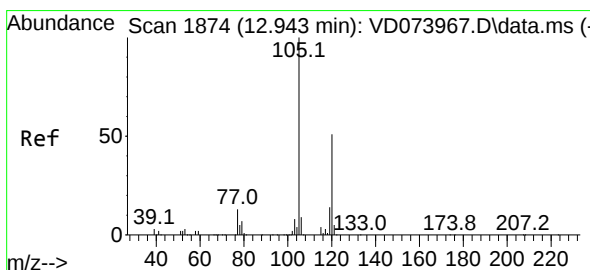
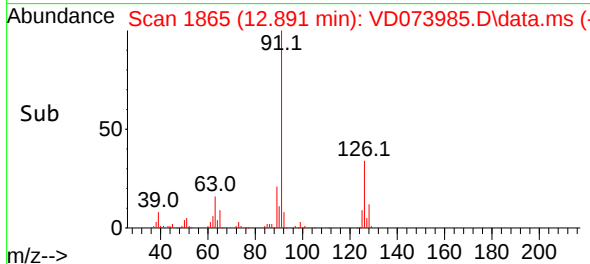
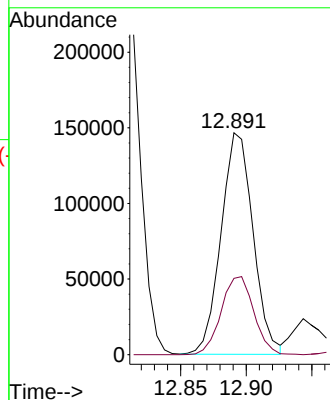
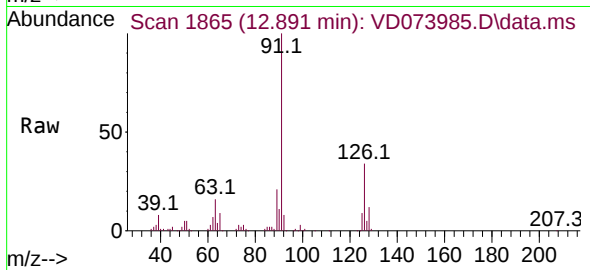
VSTDCCC050EC

Tgt Ion: 91 Resp: 249050

Ion Ratio Lower Upper

91 100

126 35.8 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 51.768 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD073985.D

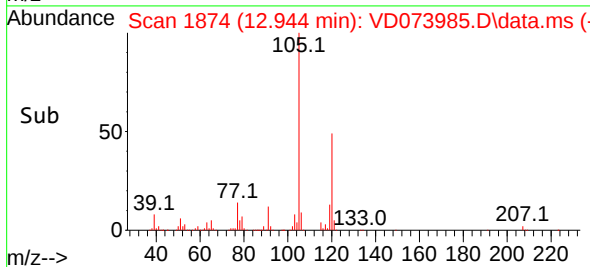
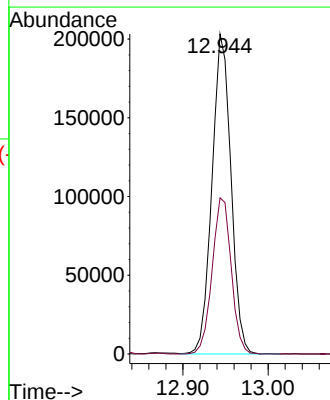
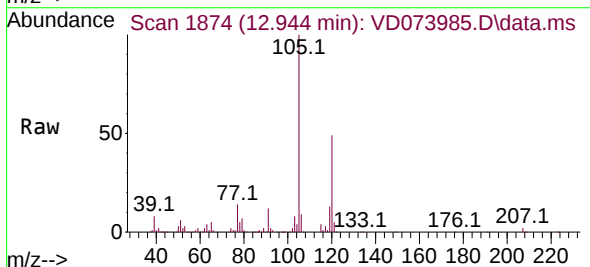
Acq: 08 Aug 2022 21:22

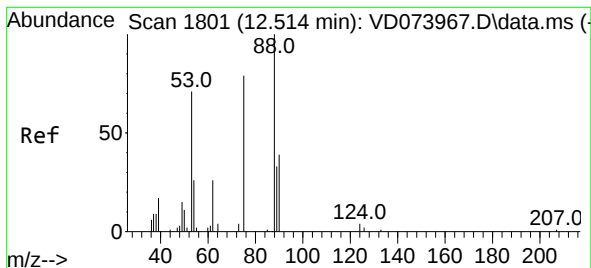
Tgt Ion:105 Resp: 314087

Ion Ratio Lower Upper

105 100

120 49.0 25.2 75.6

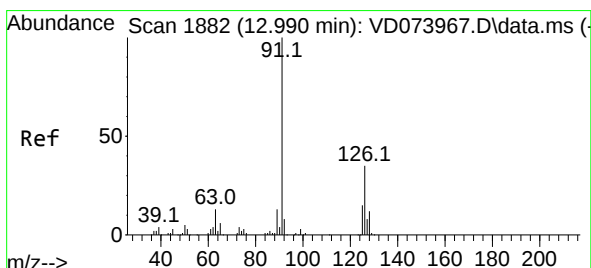
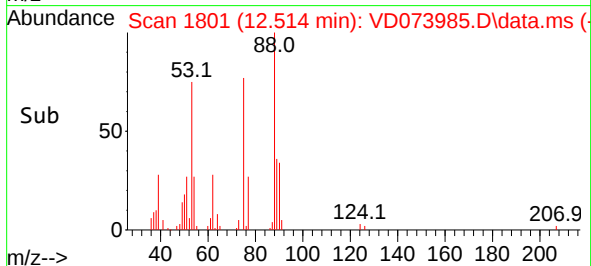
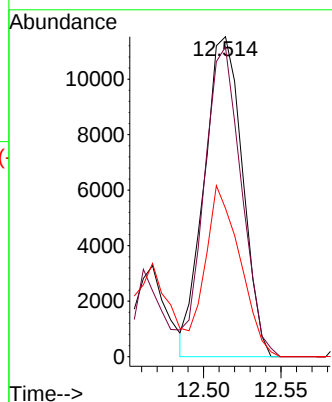
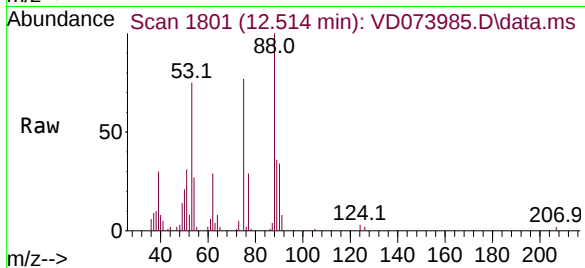




#81
trans-1,4-Dichloro-2-butene
Concen: 51.639 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

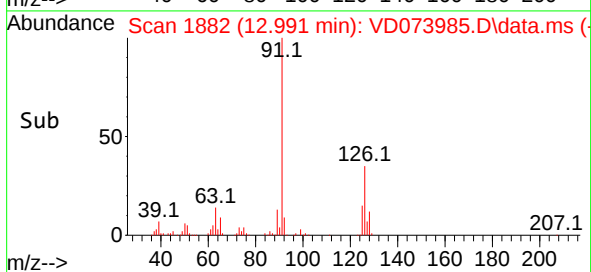
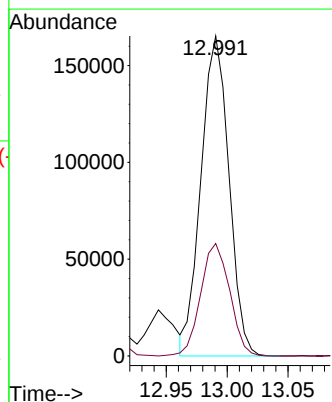
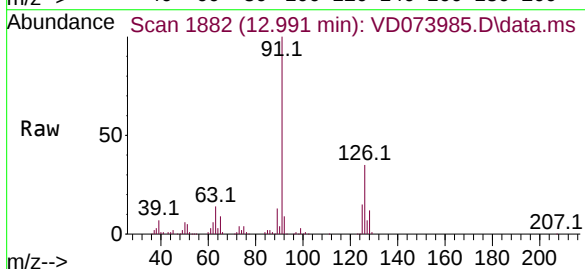
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

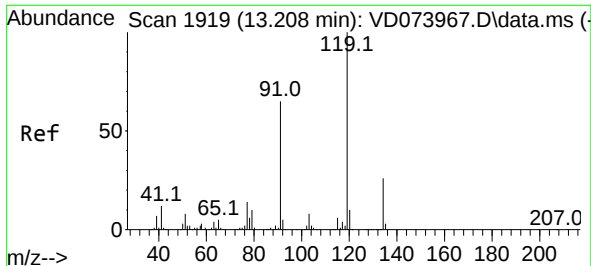
Tgt Ion: 75 Resp: 19766
Ion Ratio Lower Upper
75 100
53 93.5 75.8 113.6
89 48.1 37.8 56.8



#82
4-Chlorotoluene
Concen: 50.190 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 91 Resp: 264129
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.3

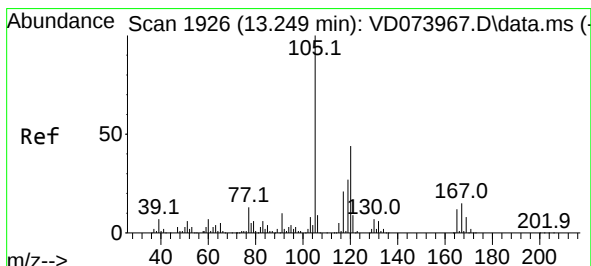
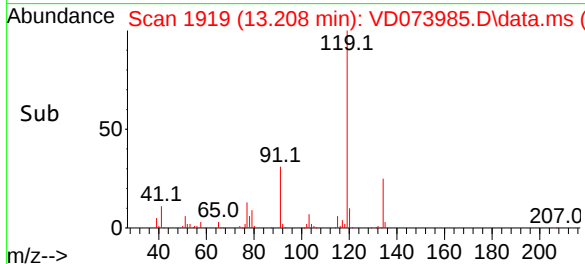
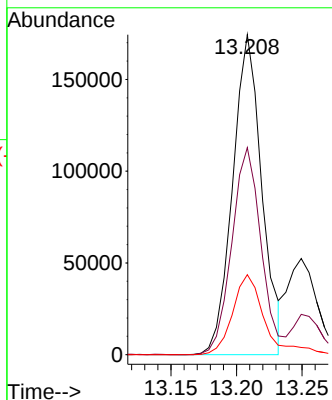
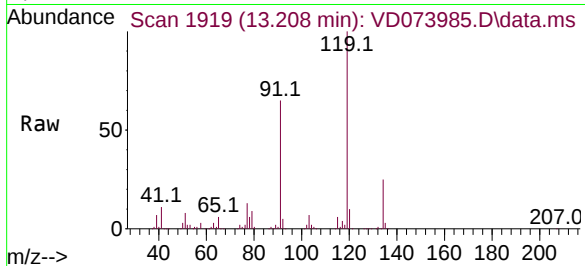




#83
 tert-Butylbenzene
 Concen: 51.978 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

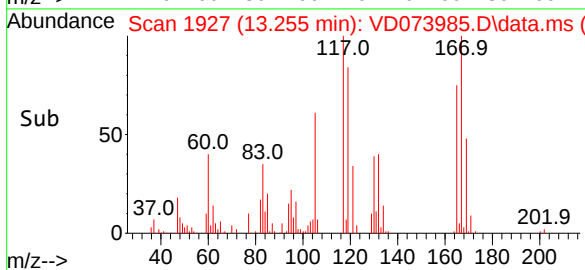
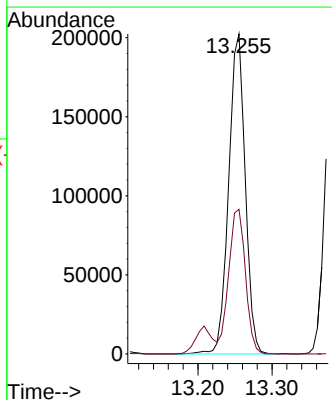
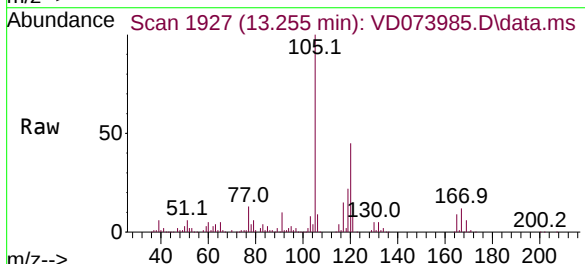
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

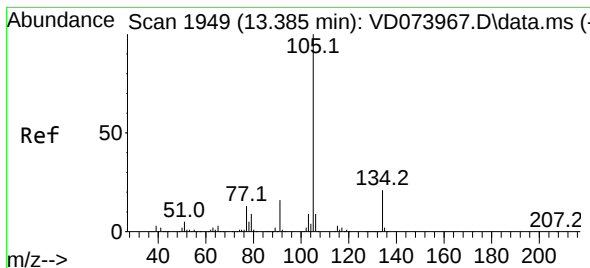
Tgt Ion:	119	Resp:	270553
Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.9	98.7
134	27.4	12.7	38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.642 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.006 min
 Lab File: VD073985.D
 Acq: 08 Aug 2022 21:22

Tgt Ion:	105	Resp:	313569
Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.4	67.0





#85

sec-Butylbenzene

Concen: 50.494 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

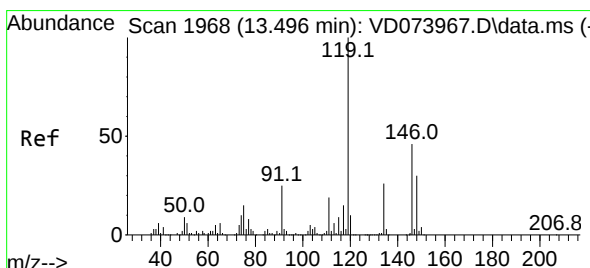
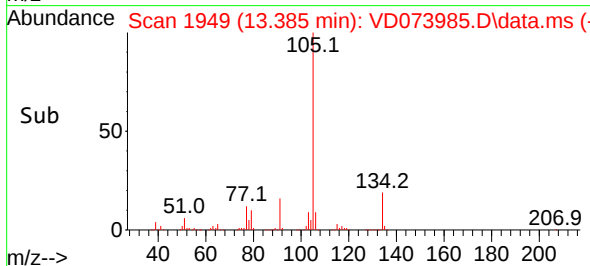
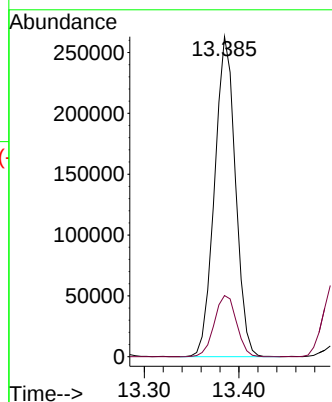
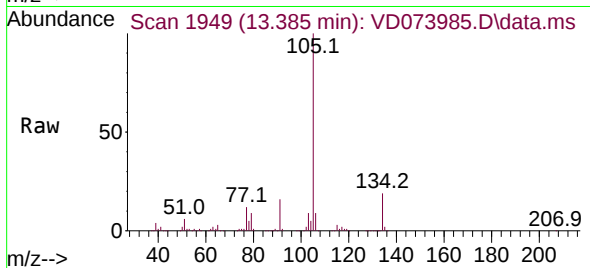
VSTDCCC050EC

Tgt Ion:105 Resp: 401918

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.253 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

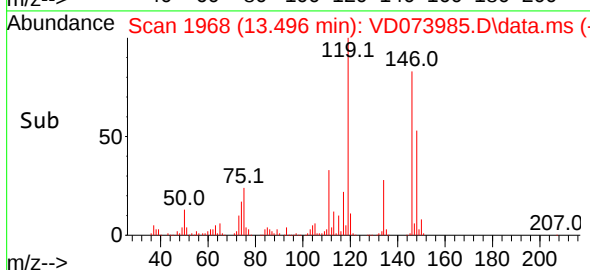
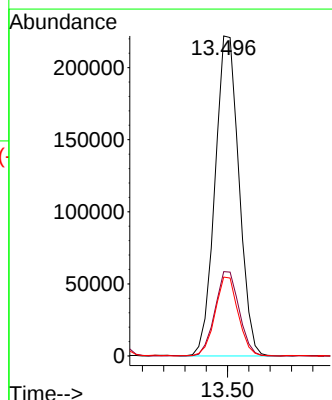
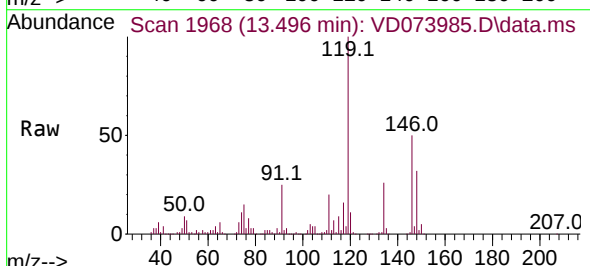
Tgt Ion:119 Resp: 345968

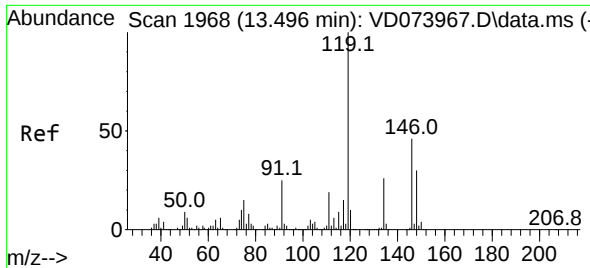
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.9 11.9 35.7

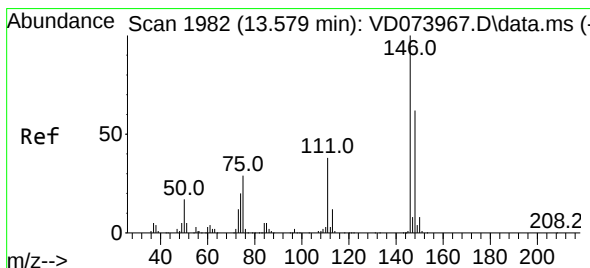
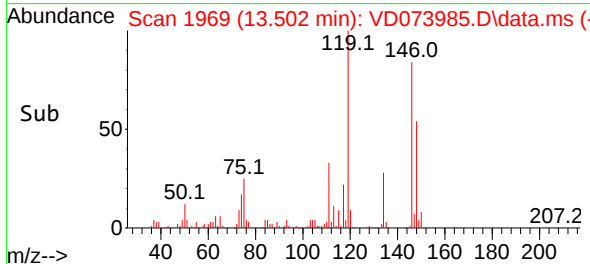
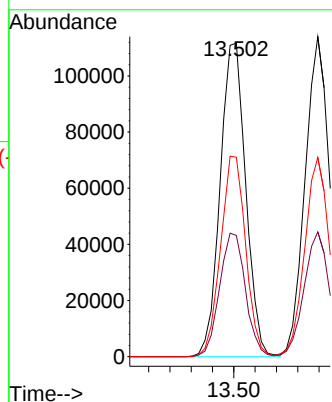
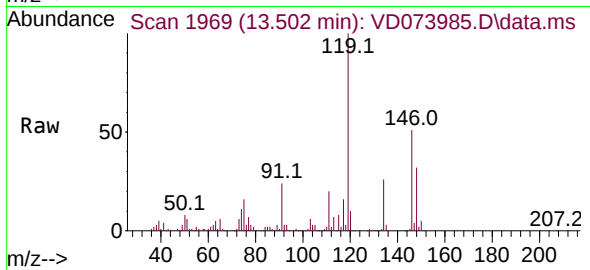




#87
1,3-Dichlorobenzene
Concen: 52.889 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

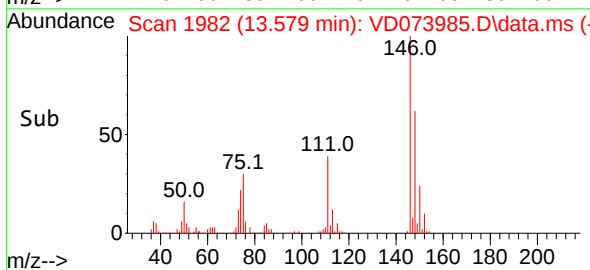
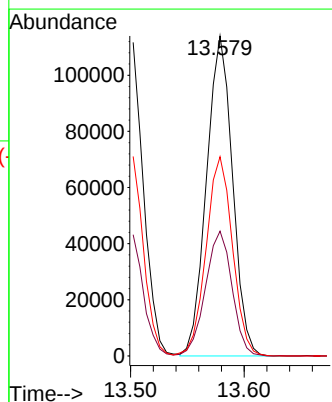
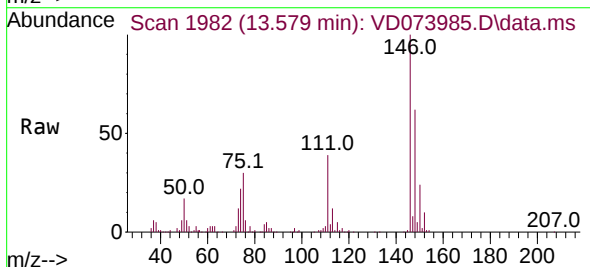
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

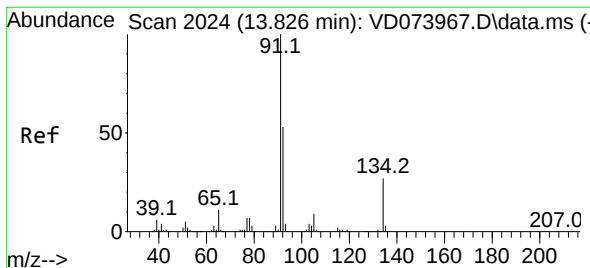
Tgt Ion:146 Resp: 186094
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.5
148 62.7 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 51.415 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:146 Resp: 181659
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 63.2 31.4 94.3





#89

n-Butylbenzene

Concen: 51.767 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

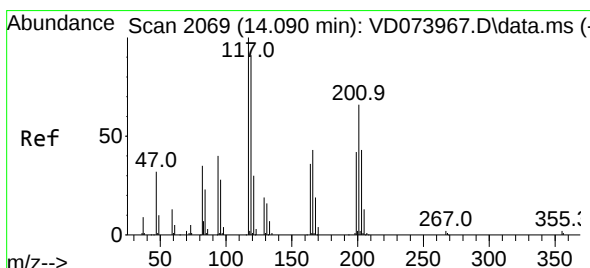
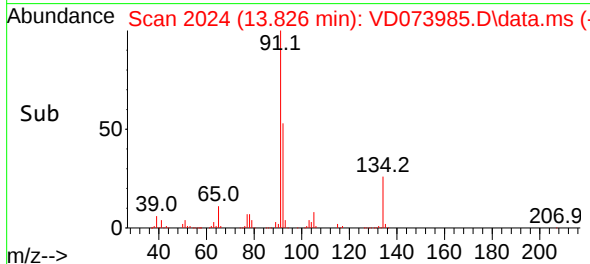
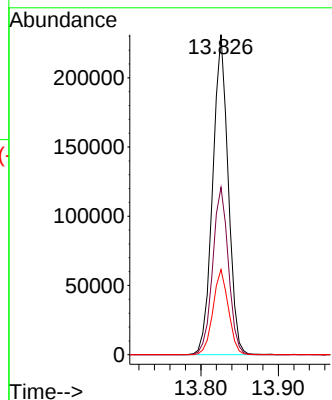
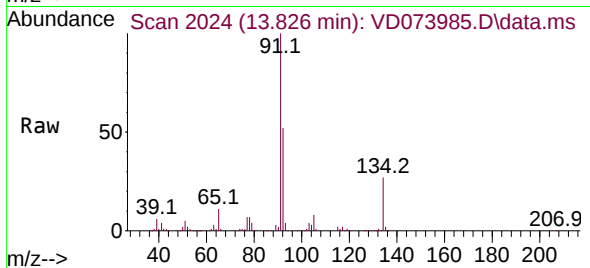
Tgt Ion: 91 Resp: 320809

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.8

134 26.4 13.3 39.8



#90

Hexachloroethane

Concen: 51.216 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VD073985.D

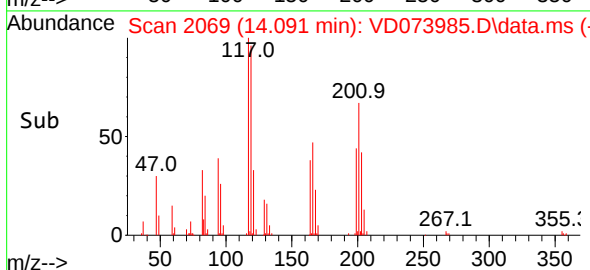
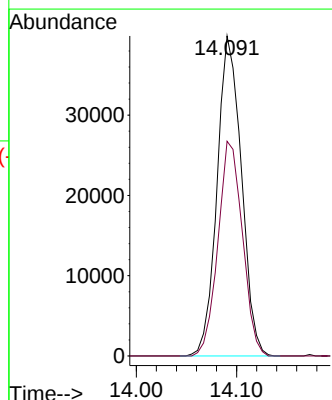
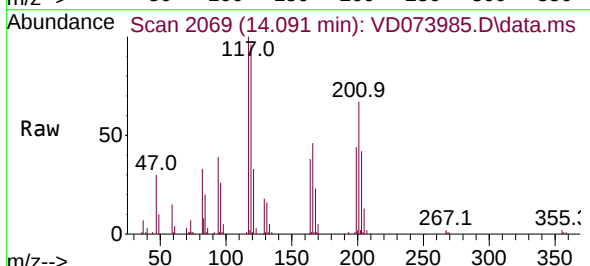
Acq: 08 Aug 2022 21:22

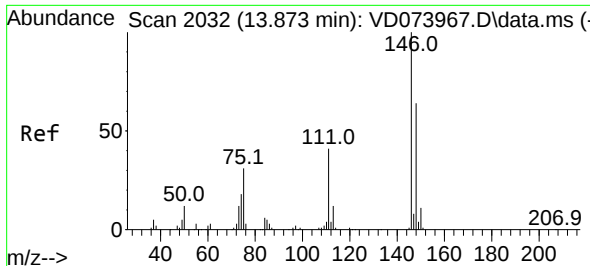
Tgt Ion: 117 Resp: 67118

Ion Ratio Lower Upper

117 100

201 67.5 34.1 102.3

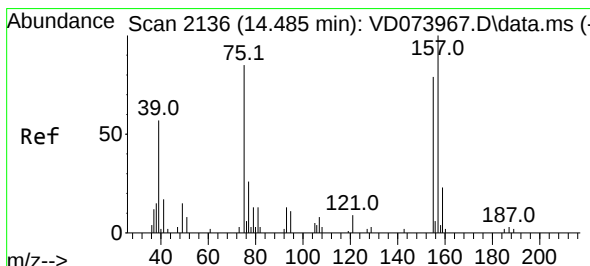
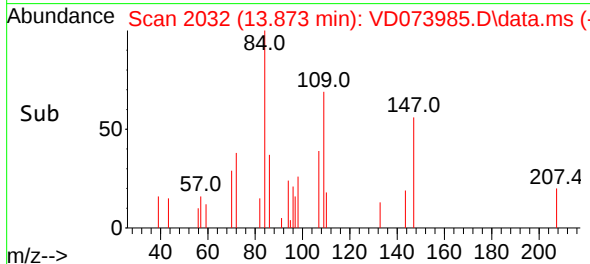
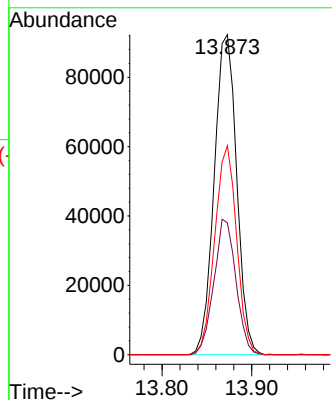
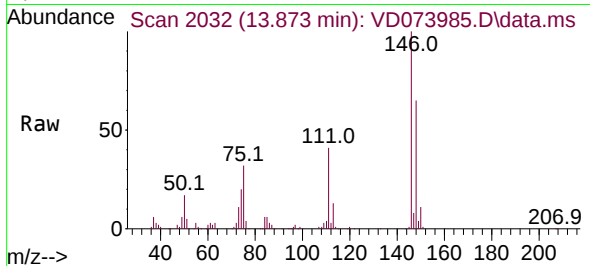




#91
1,2-Dichlorobenzene
Concen: 52.984 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

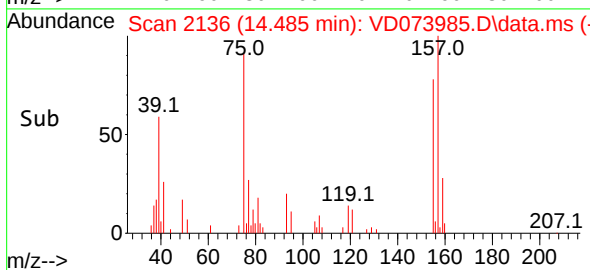
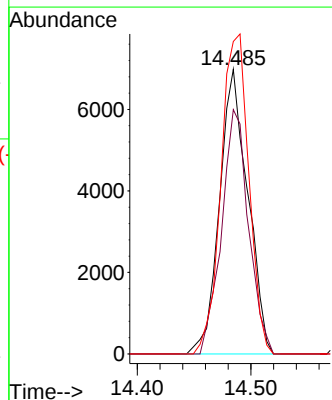
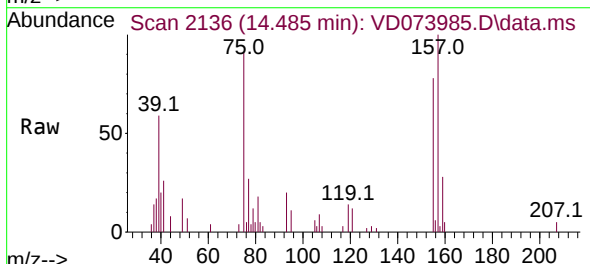
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

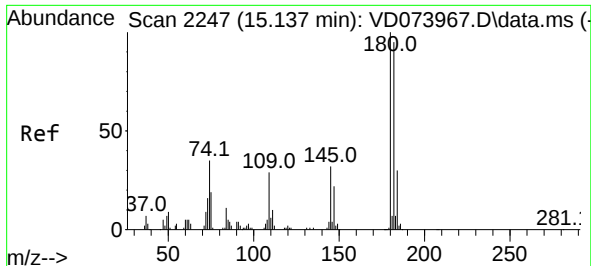
Tgt Ion:146 Resp: 160652
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 63.6 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.909 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion: 75 Resp: 12066
Ion Ratio Lower Upper
75 100
155 81.9 47.0 141.0
157 110.8 59.1 177.2

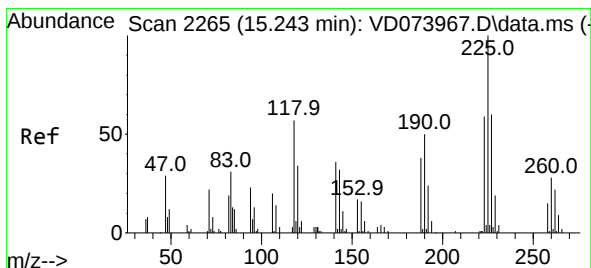
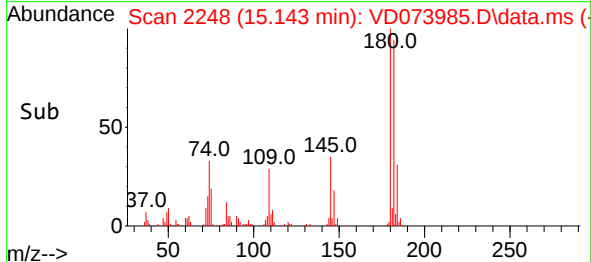
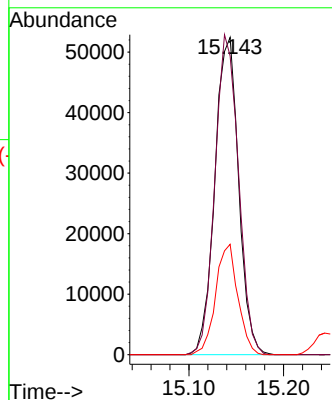
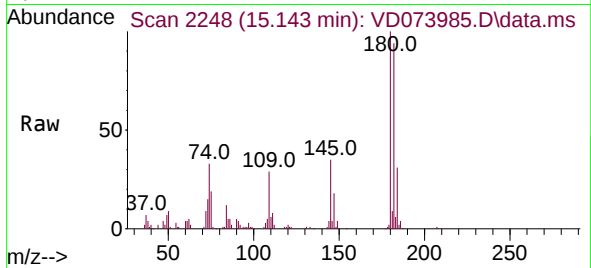




#93
1,2,4-Trichlorobenzene
Concen: 50.625 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

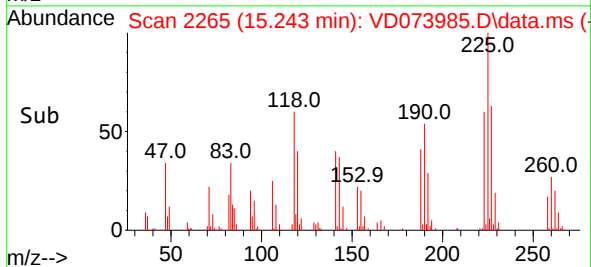
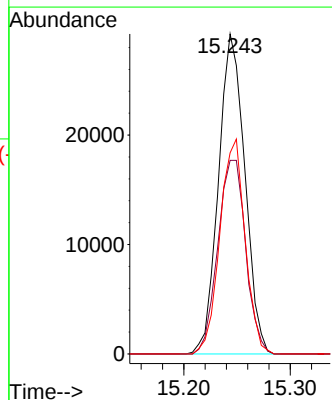
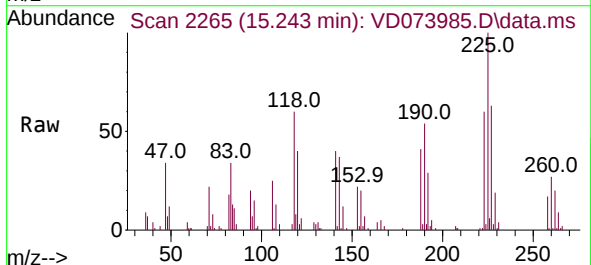
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

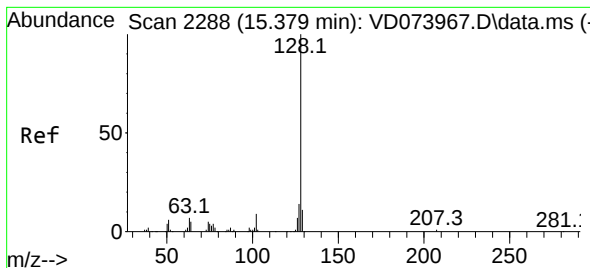
Tgt Ion:180 Resp: 91478
Ion Ratio Lower Upper
180 100
182 100.0 48.8 146.4
145 32.6 16.0 48.0



#94
Hexachlorobutadiene
Concen: 50.386 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD073985.D
Acq: 08 Aug 2022 21:22

Tgt Ion:225 Resp: 50207
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.3
227 64.3 31.6 94.7





#95

Naphthalene

Concen: 56.699 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

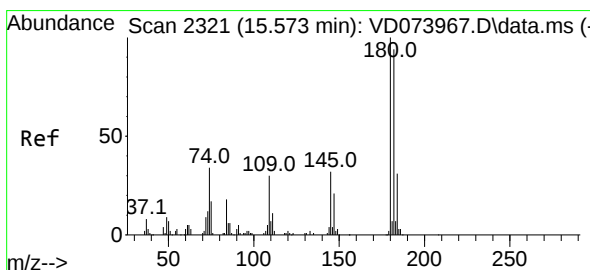
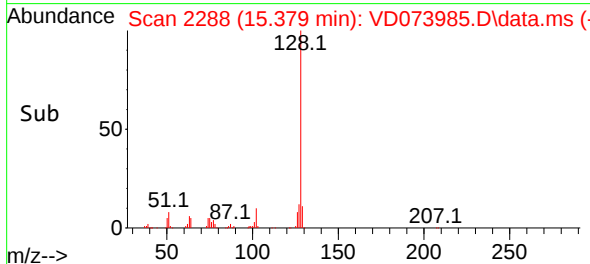
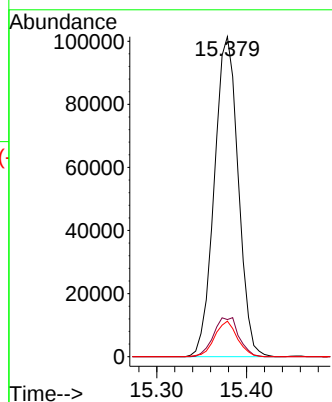
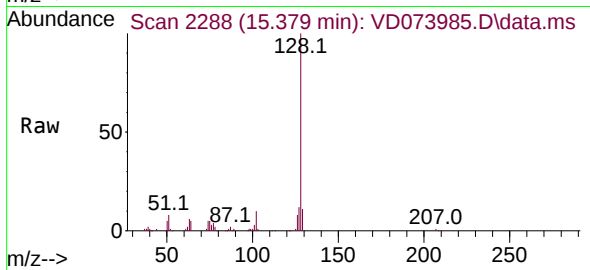
Tgt Ion:128 Resp: 187601

Ion Ratio Lower Upper

128 100

127 13.0 10.9 16.3

129 10.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 51.968 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073985.D

Acq: 08 Aug 2022 21:22

Tgt Ion:180 Resp: 84694

Ion Ratio Lower Upper

180 100

182 94.2 48.9 146.6

145 34.0 16.9 50.6

