

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074102.D
 Acq On : 16 Aug 2022 14:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 17:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	147564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	231892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	221085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54404	49.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.860%
35) Dibromofluoromethane	7.903	113	68134	45.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.960%
50) Toluene-d8	10.332	98	185365	41.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.400%
62) 4-Bromofluorobenzene	12.620	95	92970	50.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	51476	49.148	ug/l	100
3) Chloromethane	2.209	50	66301	50.798	ug/l	98
4) Vinyl Chloride	2.350	62	93122	42.693	ug/l	99
5) Bromomethane	2.768	94	70038	40.240	ug/l	98
6) Chloroethane	2.915	64	80928	52.426	ug/l	100
7) Trichlorofluoromethane	3.268	101	197163	90.742	ug/l	99
8) Diethyl Ether	3.703	74	28012	43.279	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.085	101	72283	53.720	ug/l	97
10) Methyl Iodide	4.291	142	65581	45.406	ug/l	99
11) Tert butyl alcohol	5.215	59	20854	258.424	ug/l	99
12) 1,1-Dichloroethene	4.062	96	56559	49.104	ug/l	85
13) Acrolein	3.915	56	15549	222.080	ug/l	97
14) Allyl chloride	4.709	41	78861	45.981	ug/l #	89
15) Acrylonitrile	5.409	53	67436	260.848	ug/l	97
16) Acetone	4.156	43	66660	255.523	ug/l #	89
17) Carbon Disulfide	4.403	76	120354	42.172	ug/l	97
18) Methyl Acetate	4.715	43	31790	54.021	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	156995	52.690	ug/l	97
20) Methylene Chloride	4.956	84	81126	54.142	ug/l #	79
21) trans-1,2-Dichloroethene	5.468	96	66198	44.771	ug/l	88
22) Diisopropyl ether	6.362	45	196424	52.906	ug/l #	93
23) Vinyl Acetate	6.303	43	509587	267.865	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	126980	49.474	ug/l	96
25) 2-Butanone	7.209	43	95082	252.091	ug/l #	81
26) 2,2-Dichloropropane	7.197	77	129388	48.625	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	83711	48.033	ug/l	88
28) Bromochloromethane	7.538	49	43885	45.814	ug/l #	64
29) Tetrahydrofuran	7.556	42	53843	261.224	ug/l #	83
30) Chloroform	7.703	83	150870	50.286	ug/l	99
31) Cyclohexane	7.979	56	87040	46.869	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	140848	49.789	ug/l	94
36) 1,1-Dichloropropene	8.103	75	96741	47.871	ug/l	95
37) Ethyl Acetate	7.285	43	40316	50.306	ug/l #	93
38) Carbon Tetrachloride	8.091	117	118481	50.801	ug/l	99
39) Methylcyclohexane	9.350	83	102939	46.201	ug/l	93
40) Benzene	8.344	78	284470	49.814	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	17835	44.039	ug/l #	63
42) 1,2-Dichloroethane	8.414	62	86154	49.941	ug/l	95
43) Isopropyl Acetate	8.444	43	79287	53.905	ug/l #	90
44) Trichloroethene	9.103	130	80625	48.217	ug/l	93
45) 1,2-Dichloropropane	9.379	63	71036	51.352	ug/l	96
46) Dibromomethane	9.467	93	45998	52.459	ug/l	98
47) Bromodichloromethane	9.650	83	116763	51.799	ug/l	98
48) Methyl methacrylate	9.450	41	36054	53.614	ug/l #	73
49) 1,4-Dioxane	9.450	88	10165	1191.640	ug/l #	85
51) 4-Methyl-2-Pentanone	10.214	43	214353	284.654	ug/l	94
52) Toluene	10.391	92	194435	52.072	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	100434	52.274	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	114054	51.337	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	62814	53.828	ug/l	96
56) Ethyl methacrylate	10.650	69	66225	55.811	ug/l	87
57) 1,3-Dichloropropane	10.938	76	97707	52.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	110768	243.171	ug/l	93
59) 2-Hexanone	10.973	43	149214	289.763	ug/l	92
60) Dibromochloromethane	11.126	129	83959	53.211	ug/l	100
61) 1,2-Dibromoethane	11.232	107	59753	52.727	ug/l	100
64) Tetrachloroethene	10.861	164	67348	48.148	ug/l	91
65) Chlorobenzene	11.655	112	220355	50.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	88293	51.940	ug/l	99
67) Ethyl Benzene	11.732	91	389835	52.650	ug/l	99
68) m/p-Xylenes	11.838	106	311231	104.696	ug/l	98
69) o-Xylene	12.167	106	146412	54.054	ug/l	93
70) Styrene	12.179	104	261964	55.471	ug/l	95
71) Bromoform	12.350	173	50237	56.407	ug/l #	100
73) Isopropylbenzene	12.467	105	400994	53.355	ug/l	99
74) N-amyl acetate	12.273	43	77161	53.472	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	72256	52.542	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	87760	82.370	ug/l #	100
77) Bromobenzene	12.750	156	92419	50.926	ug/l	86
78) n-propylbenzene	12.808	91	493466	53.018	ug/l	97
79) 2-Chlorotoluene	12.891	91	275071	52.024	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	345065	53.788	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	21462	56.179	ug/l	85
82) 4-Chlorotoluene	12.991	91	288972	51.585	ug/l	95
83) tert-Butylbenzene	13.208	119	296058	52.141	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	348318	52.826	ug/l	100
85) sec-Butylbenzene	13.385	105	457454	52.441	ug/l	97
86) p-Isopropyltoluene	13.502	119	389496	53.535	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	204294	51.535	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	202432	50.974	ug/l	98
89) n-Butylbenzene	13.826	91	365572	52.449	ug/l	99
90) Hexachloroethane	14.091	117	76052	49.892	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	174768	49.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11596	48.817	ug/l	83
93) 1,2,4-Trichlorobenzene	15.138	180	102922	45.293	ug/l	98
94) Hexachlorobutadiene	15.243	225	58988	43.329	ug/l	98
95) Naphthalene	15.379	128	188260	49.204	ug/l	98
96) 1,2,3-Trichlorobenzene	15.567	180	94129	46.853	ug/l	98

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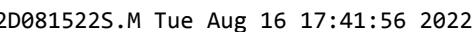
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

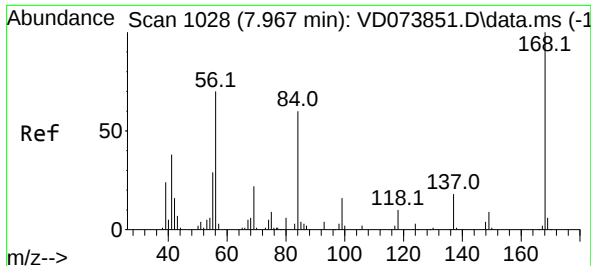
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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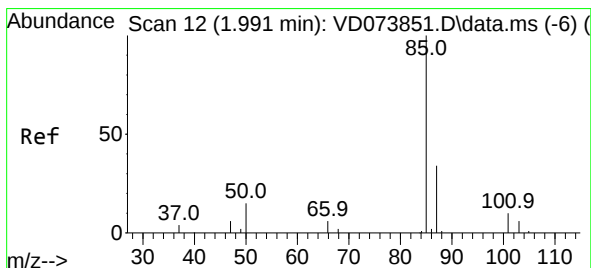
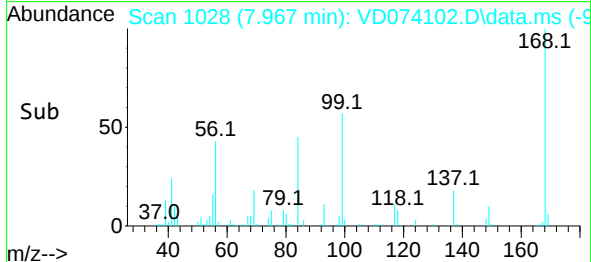
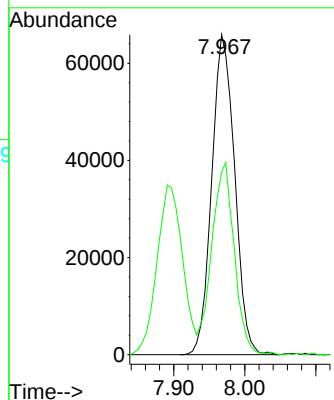
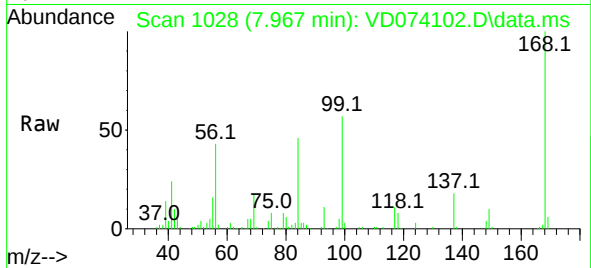




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074102.D
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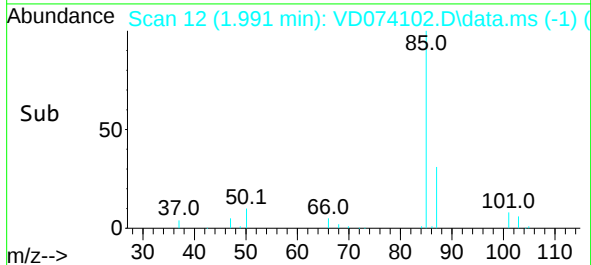
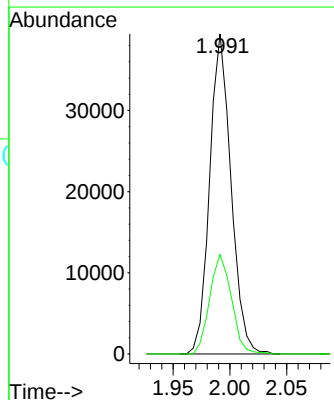
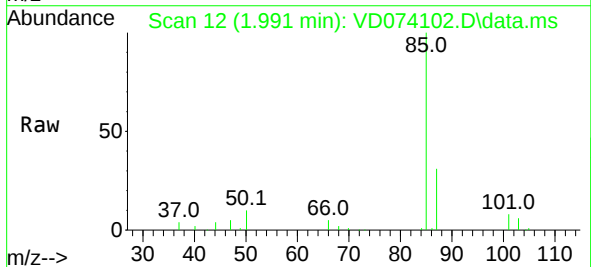
Instrument :
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ClientSampleId :
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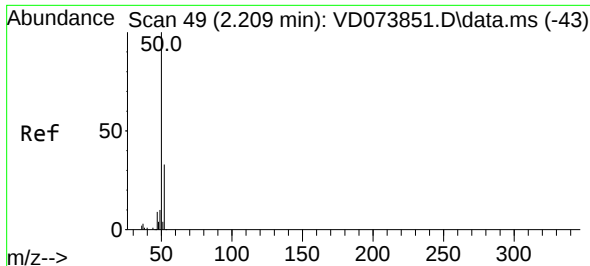
Tgt Ion:168 Resp: 147564
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.148 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 85 Resp: 51476
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.0

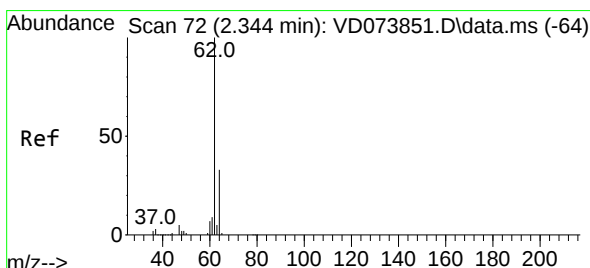
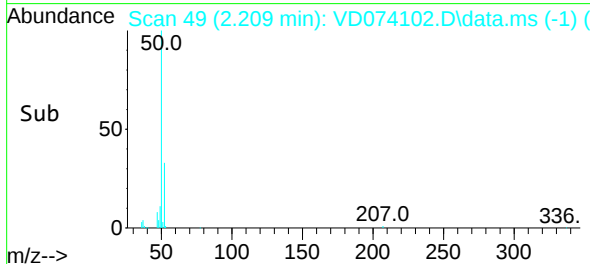
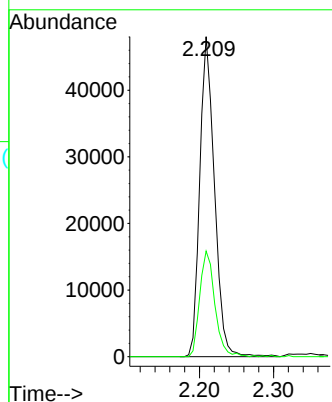
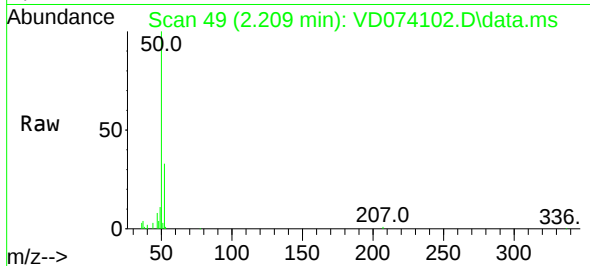




#3
Chloromethane
Concen: 50.798 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

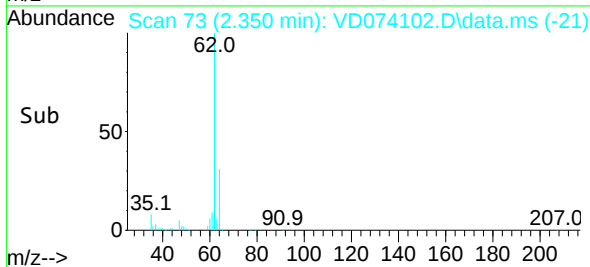
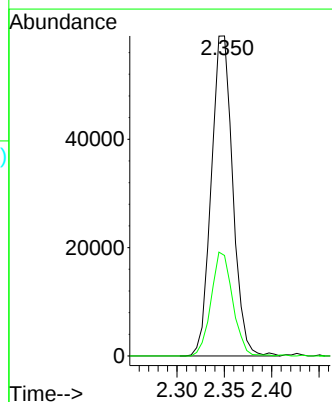
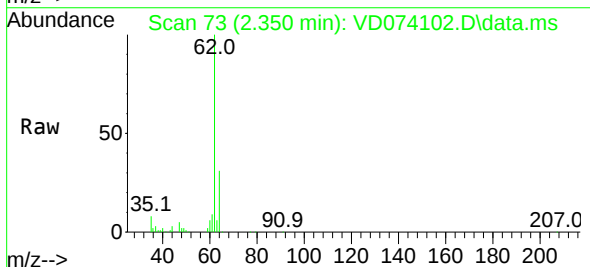
Instrument :
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ClientSampleId :
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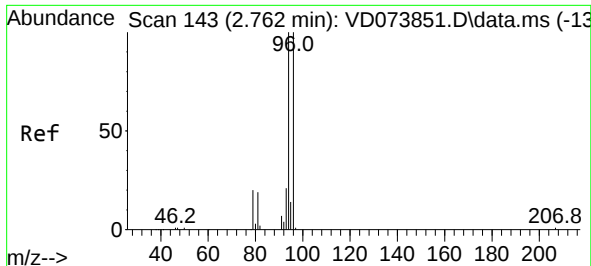
Tgt Ion: 50 Resp: 66301
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.0



#4
Vinyl Chloride
Concen: 42.693 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 62 Resp: 93122
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

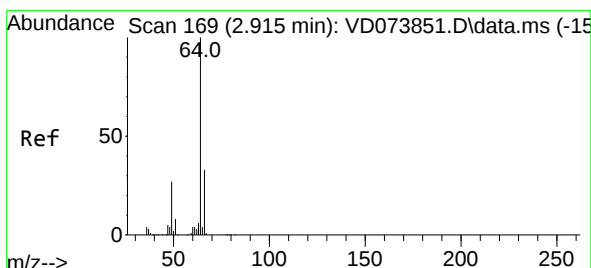
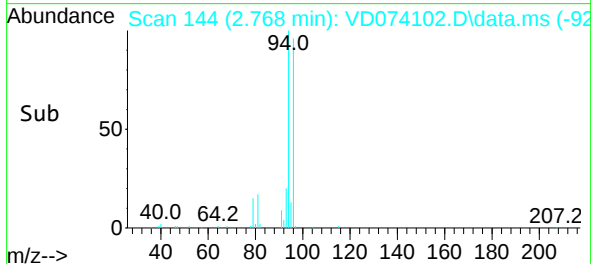
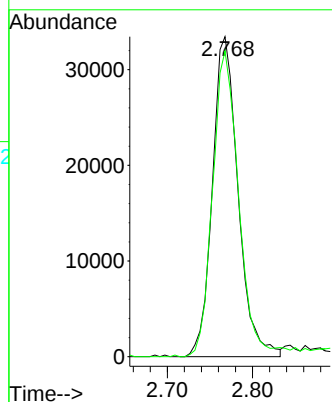
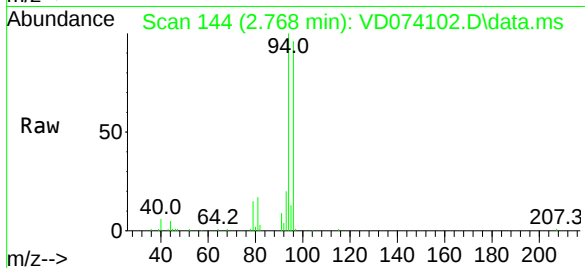




#5
Bromomethane
Concen: 40.240 ug/l
RT: 2.768 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

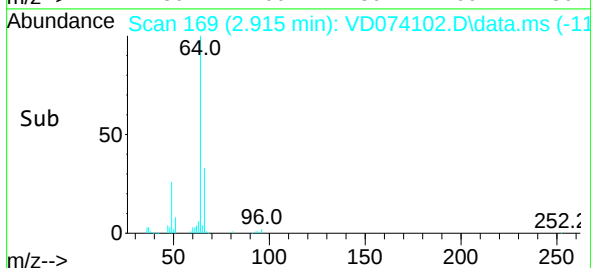
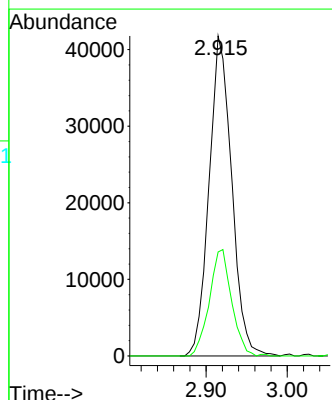
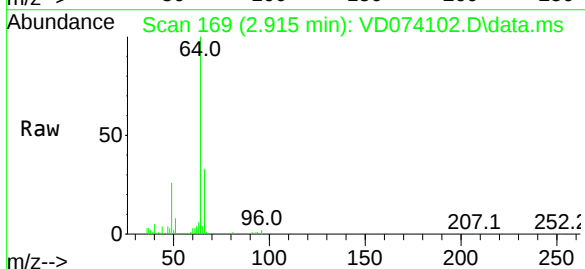
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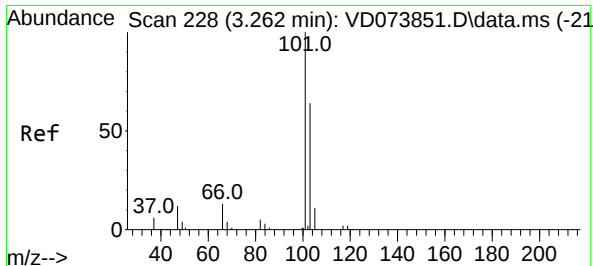
Tgt Ion: 94 Resp: 70038
Ion Ratio Lower Upper
94 100
96 95.5 77.6 116.4



#6
Chloroethane
Concen: 52.426 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 64 Resp: 80928
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9

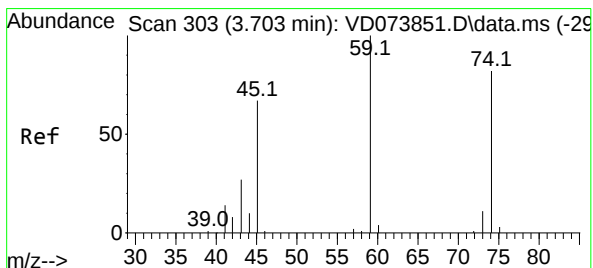
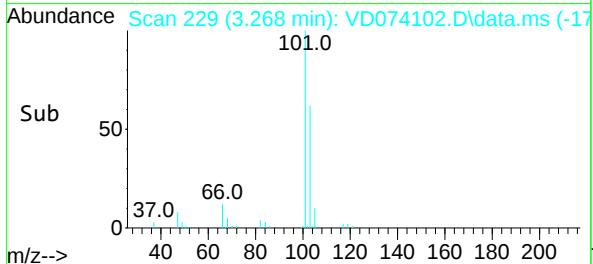
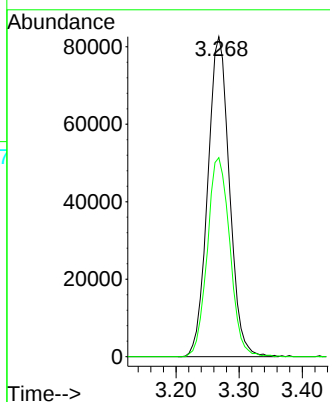
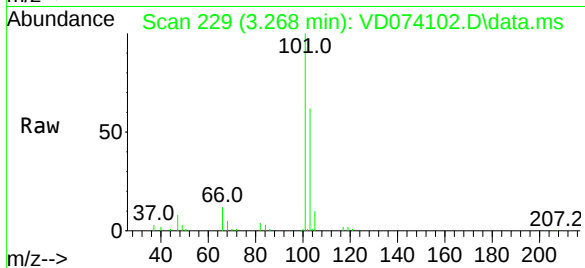




#7
Trichlorofluoromethane
Concen: 90.742 ug/l
RT: 3.268 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

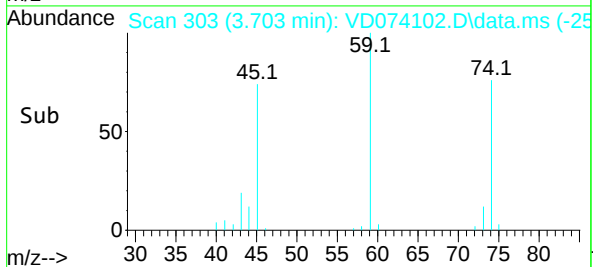
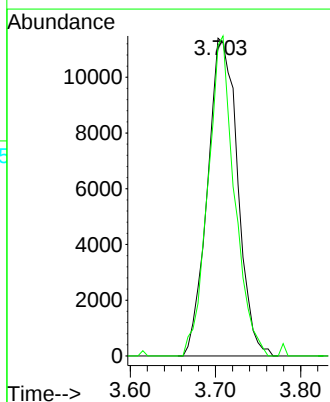
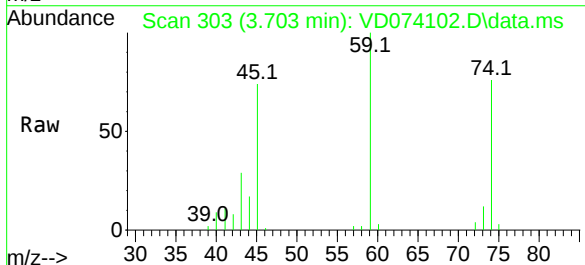
Instrument :
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ClientSampleId :
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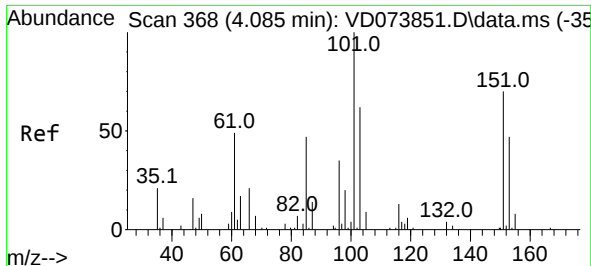
Tgt Ion:101 Resp: 197163
Ion Ratio Lower Upper
101 100
103 62.2 50.1 75.1



#8
Diethyl Ether
Concen: 43.279 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 74 Resp: 28012
Ion Ratio Lower Upper
74 100
45 89.1 52.6 157.8

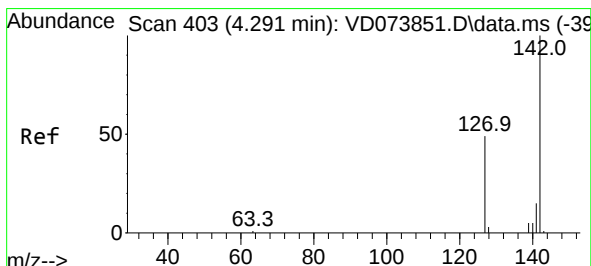
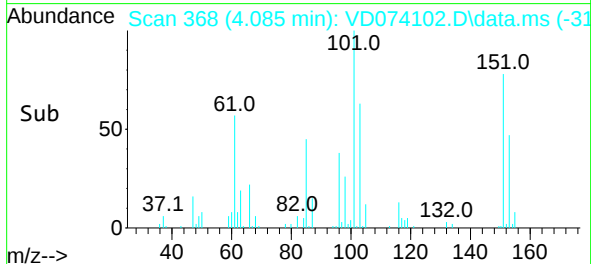
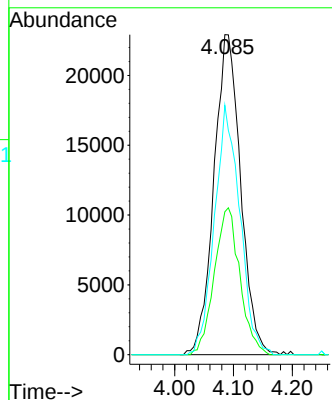
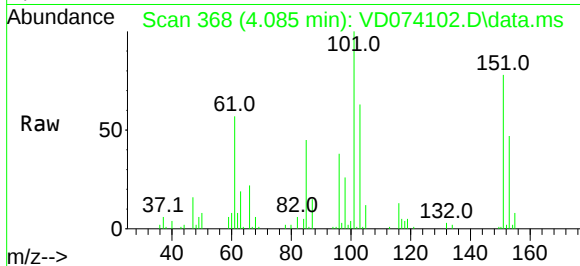




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.720 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

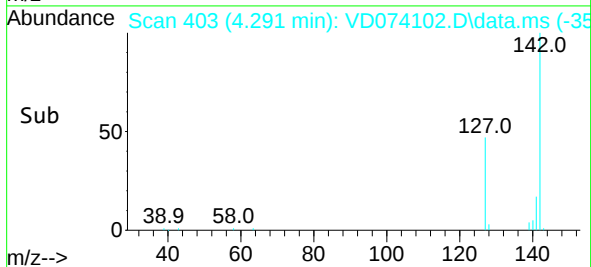
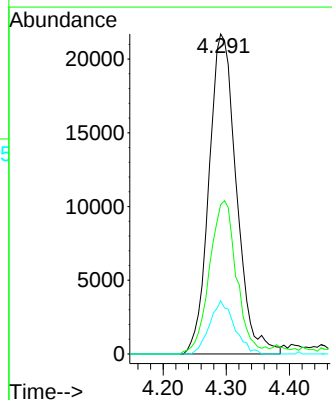
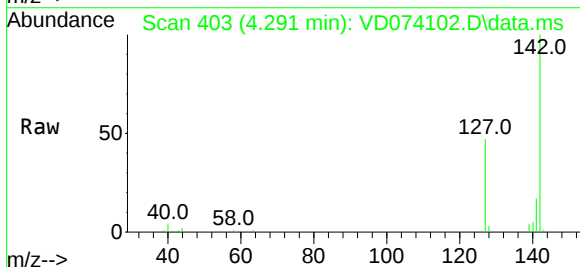
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

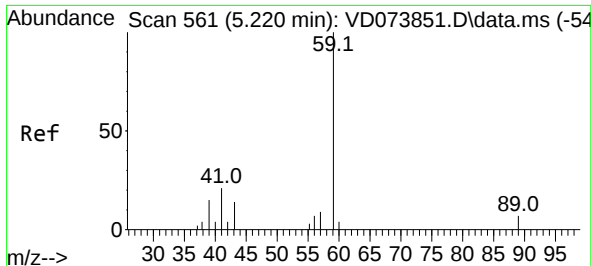
Tgt Ion:101 Resp: 72283
Ion Ratio Lower Upper
101 100
85 44.0 36.4 54.6
151 74.3 57.3 85.9



#10
Methyl Iodide
Concen: 45.406 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:142 Resp: 65581
Ion Ratio Lower Upper
142 100
127 47.4 37.3 55.9
141 15.0 11.7 17.5

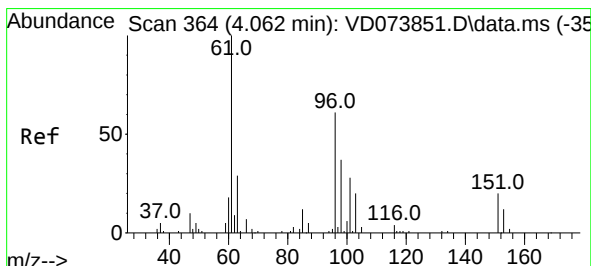
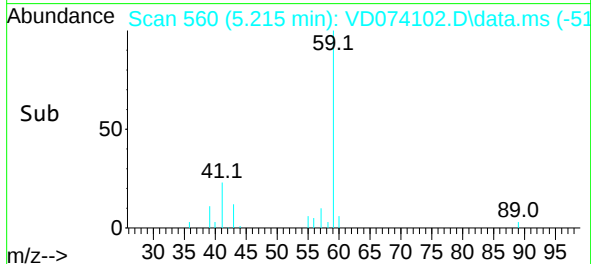
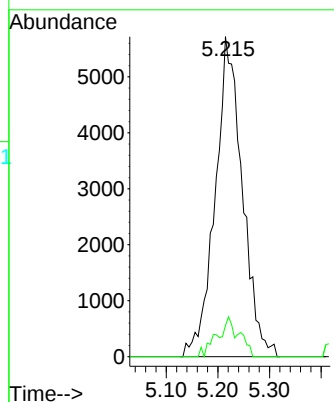
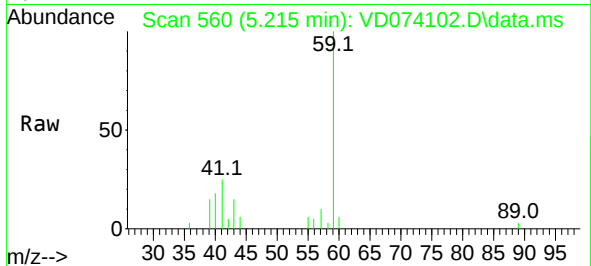




#11
Tert butyl alcohol
Concen: 258.424 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

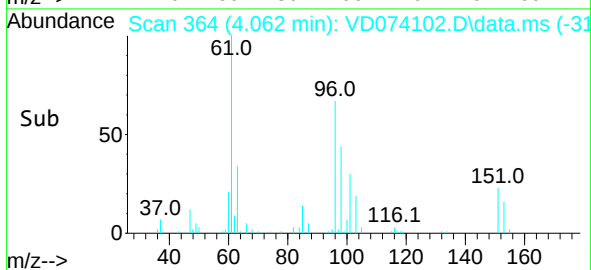
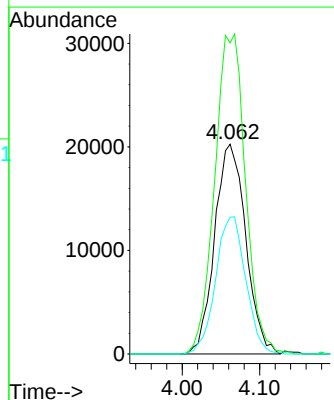
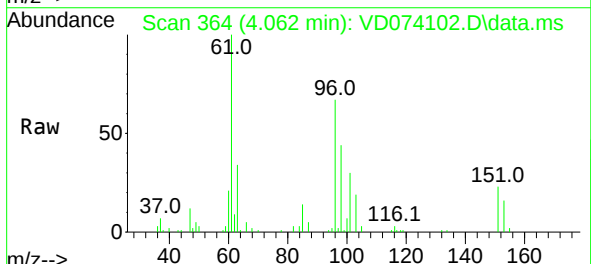
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

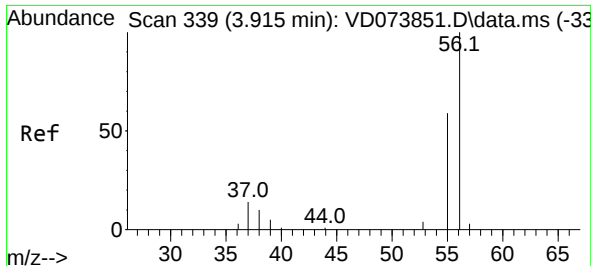
Tgt Ion: 59 Resp: 20854
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 49.104 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 96 Resp: 56559
Ion Ratio Lower Upper
96 100
61 148.3 138.5 207.7
98 65.2 48.6 73.0

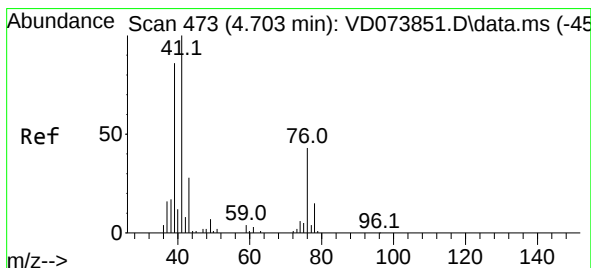
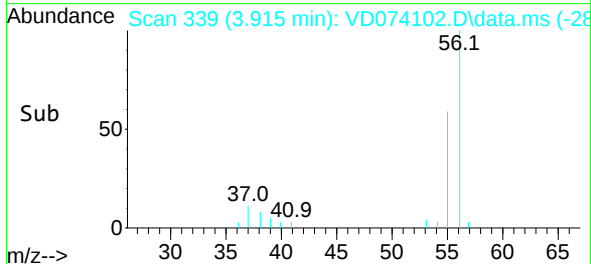
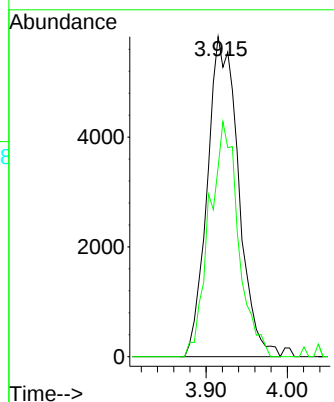
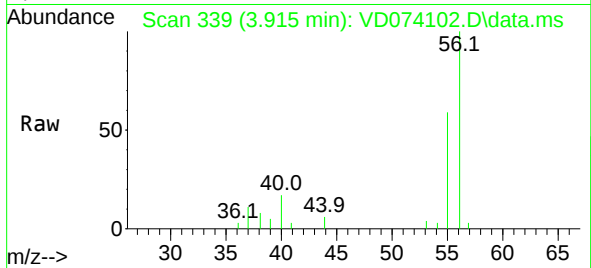




#13
Acrolein
Concen: 222.080 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

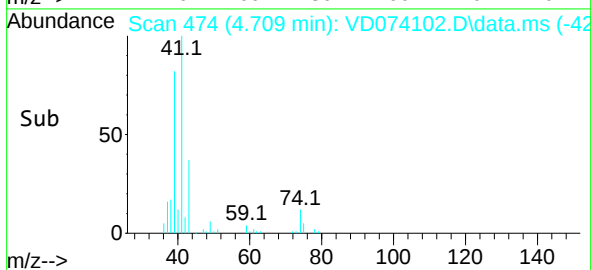
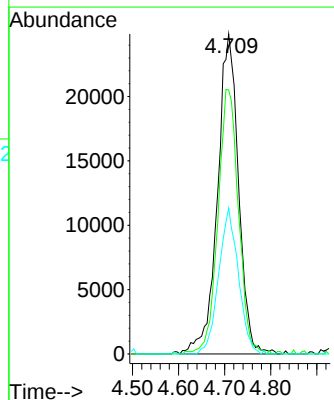
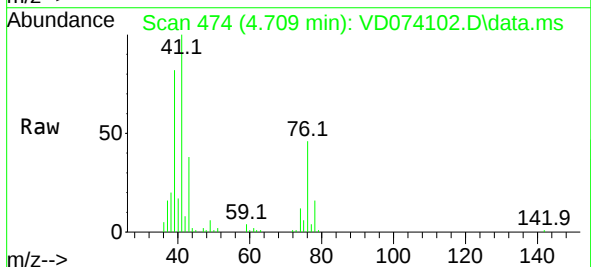
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

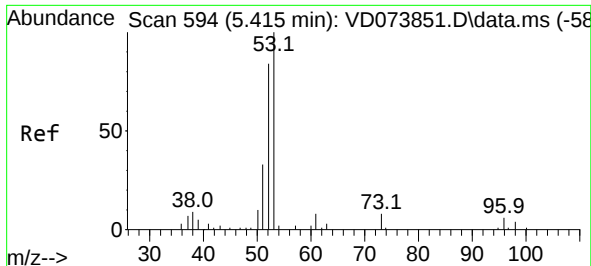
Tgt Ion: 56 Resp: 15549
Ion Ratio Lower Upper
56 100
55 68.6 57.1 85.7



#14
Allyl chloride
Concen: 45.981 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 41 Resp: 78861
Ion Ratio Lower Upper
41 100
39 80.6 59.3 88.9
76 42.6 25.7 38.5#

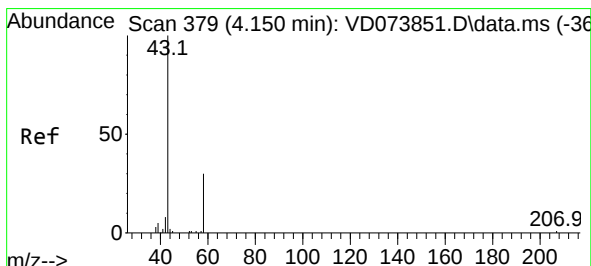
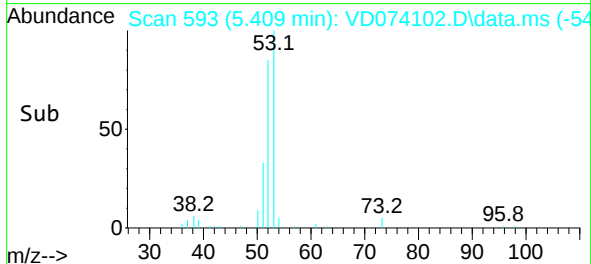
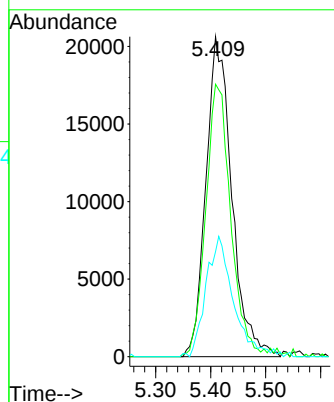
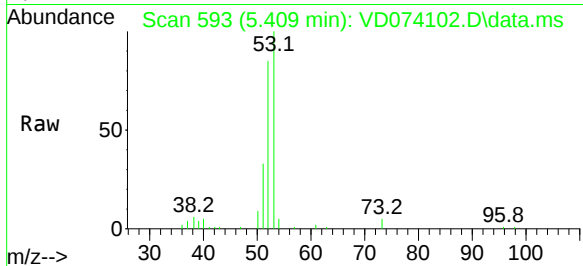




#15
Acrylonitrile
Concen: 260.848 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

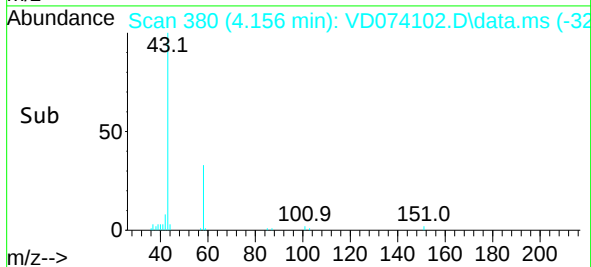
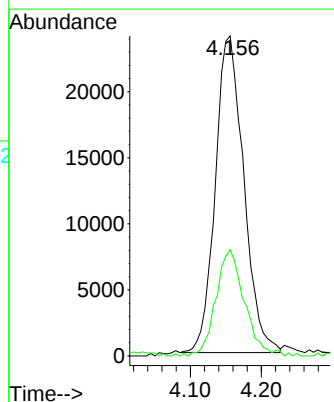
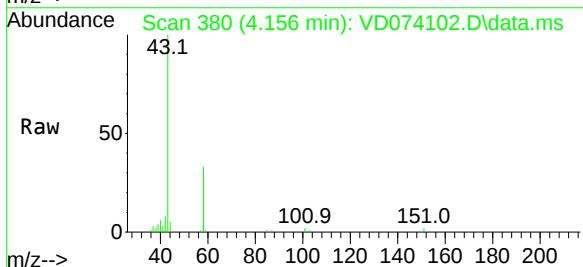
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

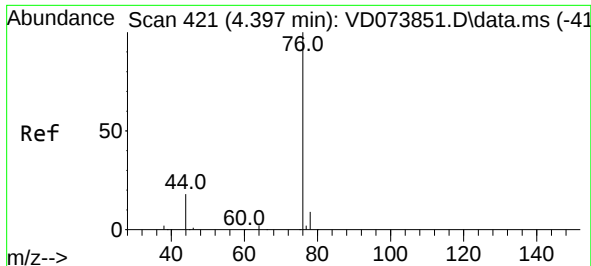
Tgt Ion: 53 Resp: 67436
Ion Ratio Lower Upper
53 100
52 81.9 67.2 100.8
51 39.9 30.3 45.5



#16
Acetone
Concen: 255.523 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 43 Resp: 66660
Ion Ratio Lower Upper
43 100
58 33.5 22.1 33.1#





#17

Carbon Disulfide

Concen: 42.172 ug/l

RT: 4.403 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

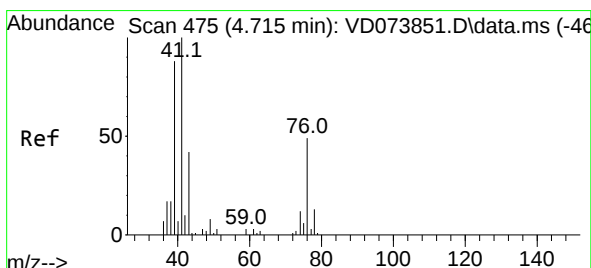
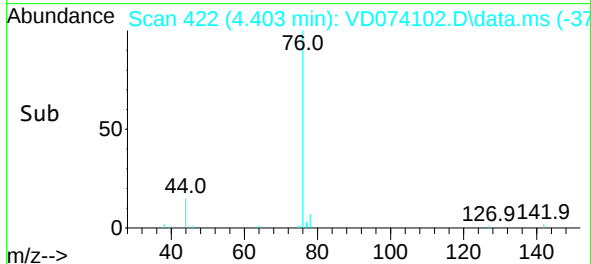
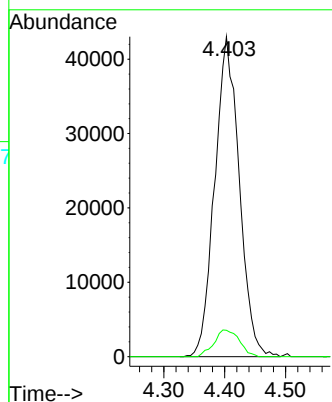
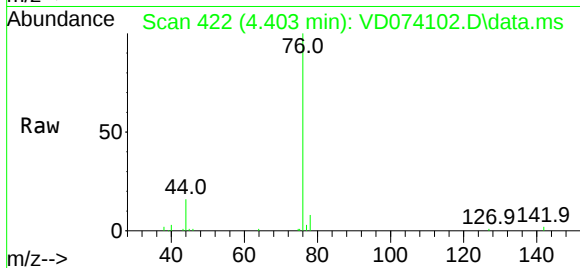
VSTDCCC050

Tgt Ion: 76 Resp: 120354

Ion Ratio Lower Upper

76 100

78 8.2 7.5 11.3



#18

Methyl Acetate

Concen: 54.021 ug/l

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD074102.D

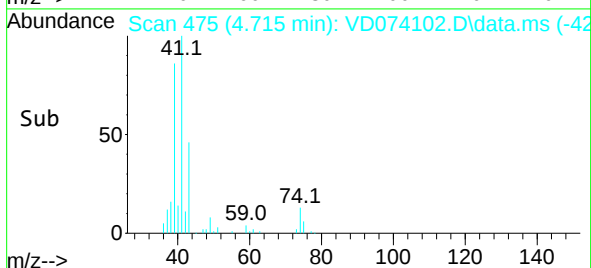
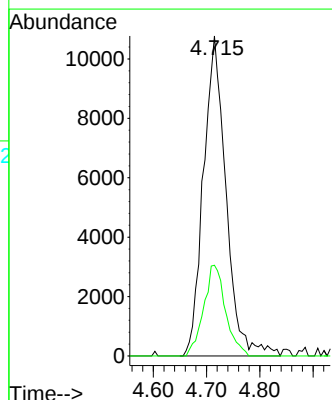
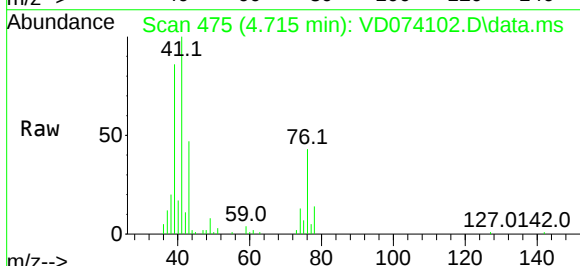
Acq: 16 Aug 2022 14:52

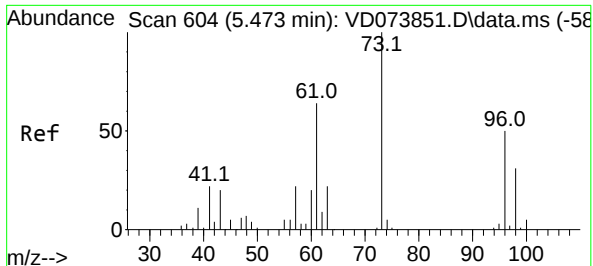
Tgt Ion: 43 Resp: 31790

Ion Ratio Lower Upper

43 100

74 27.5 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 52.690 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

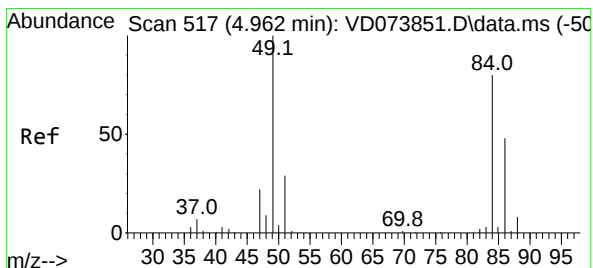
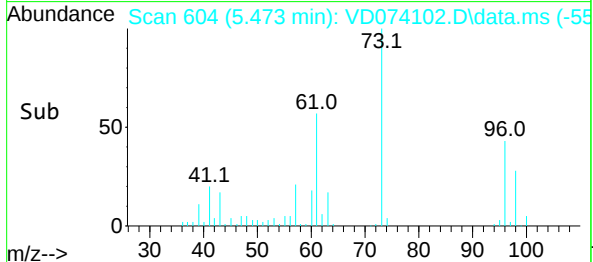
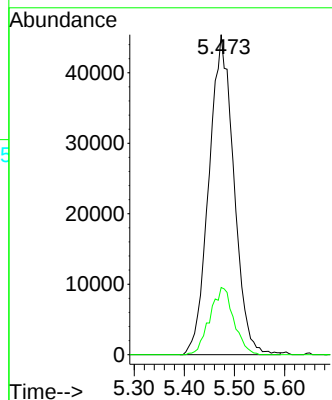
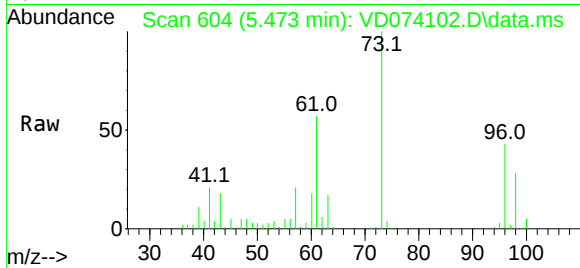
VSTDCCC050

Tgt Ion: 73 Resp: 156995

Ion Ratio Lower Upper

73 100

57 21.0 18.0 27.0



#20

Methylene Chloride

Concen: 54.142 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Tgt Ion: 84 Resp: 81126

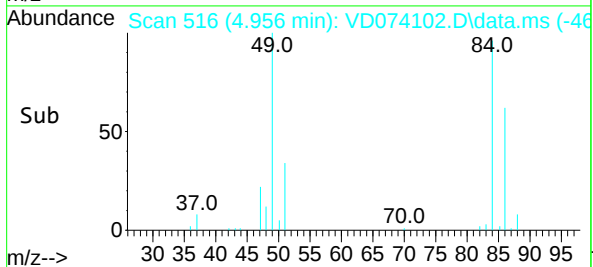
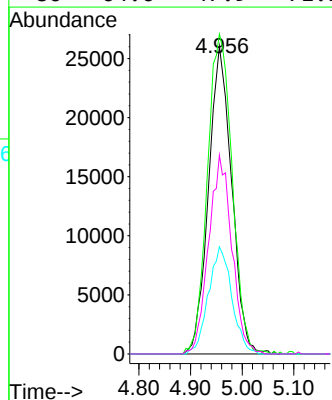
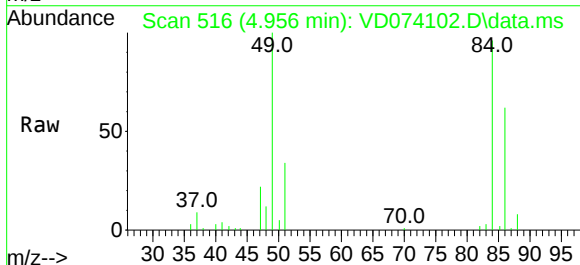
Ion Ratio Lower Upper

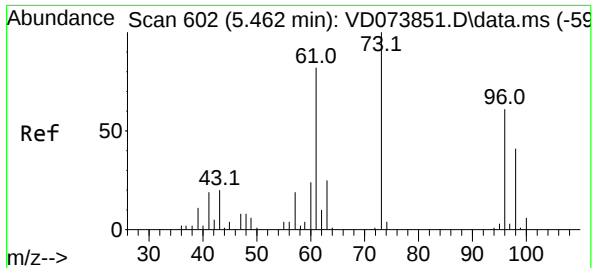
84 100

49 104.0 112.8 169.2#

51 34.8 32.6 48.8

86 64.6 47.9 71.9

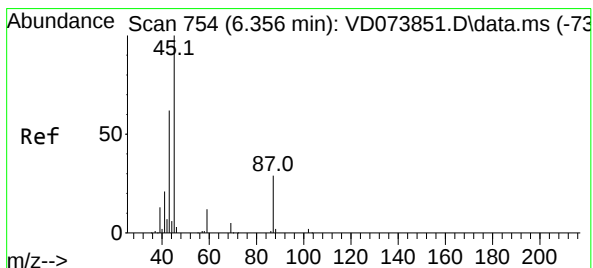
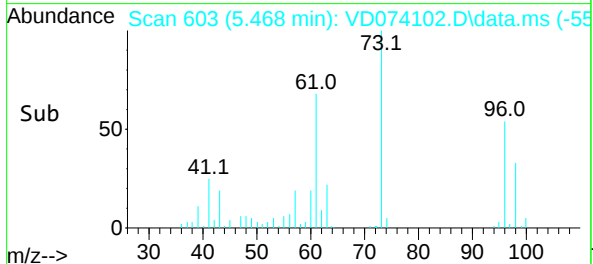
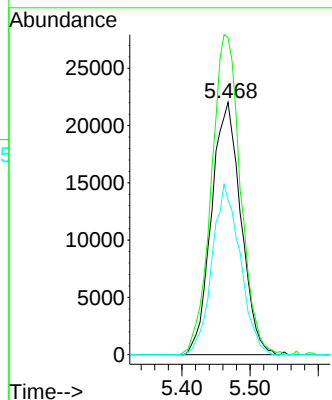
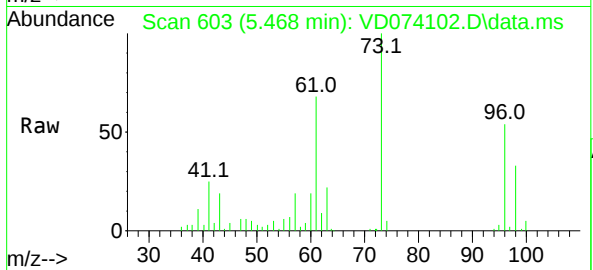




#21
trans-1,2-Dichloroethene
Concen: 44.771 ug/l
RT: 5.468 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

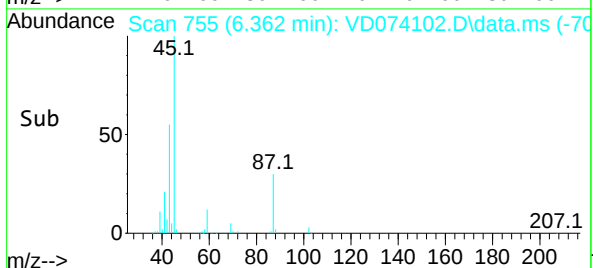
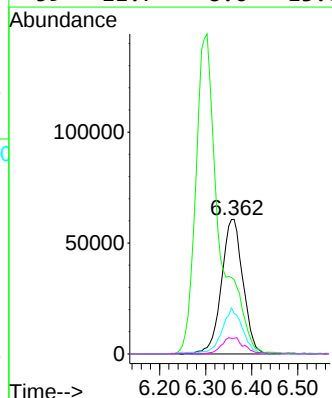
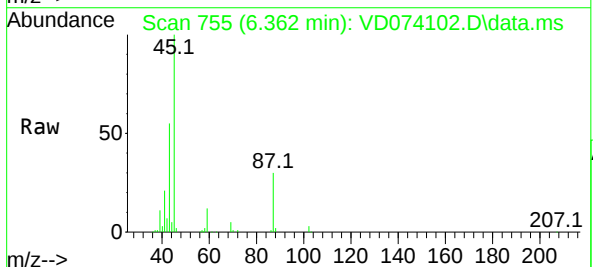
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

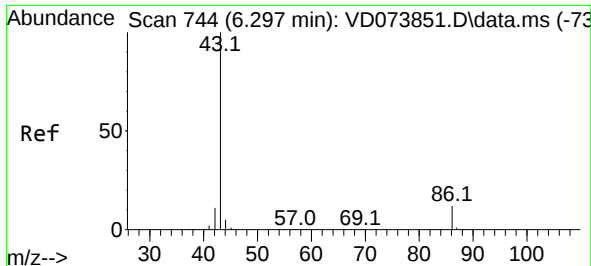
Tgt Ion: 96 Resp: 66198
Ion Ratio Lower Upper
96 100
61 125.7 117.9 176.9
98 61.4 49.4 74.2



#22
Diisopropyl ether
Concen: 52.906 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 45 Resp: 196424
Ion Ratio Lower Upper
45 100
43 54.4 46.6 70.0
87 30.2 18.4 27.6#
59 11.7 8.6 13.0

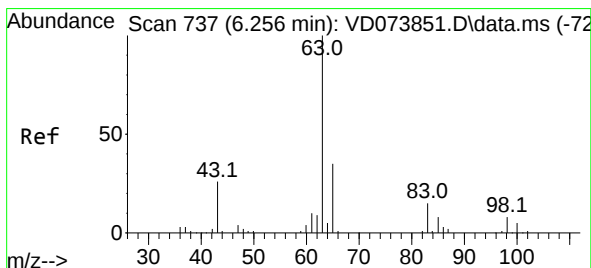
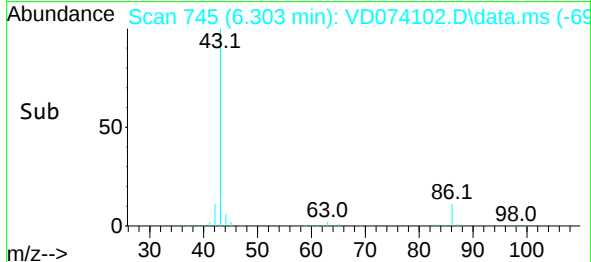
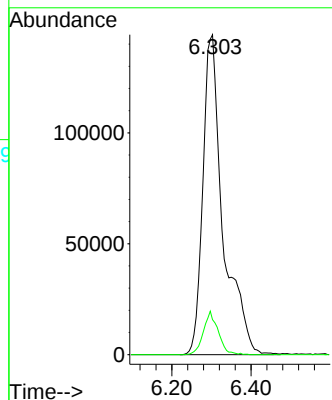
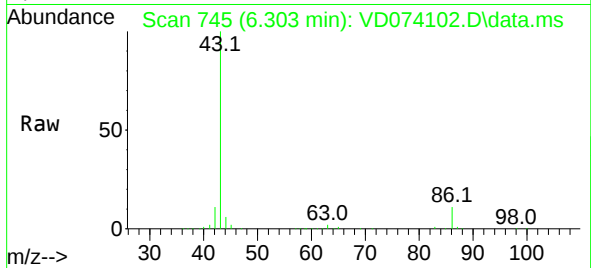




#23
 Vinyl Acetate
 Concen: 267.865 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

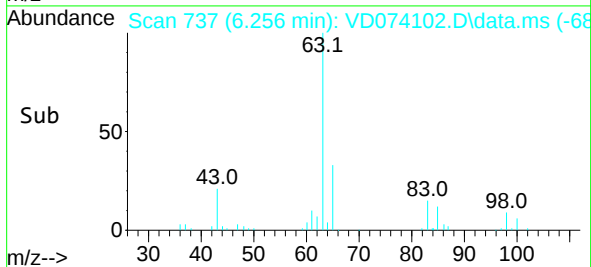
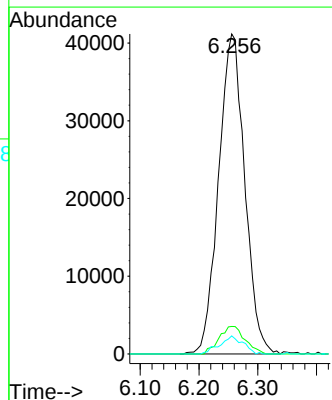
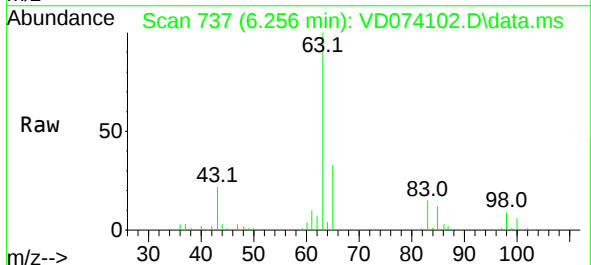
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

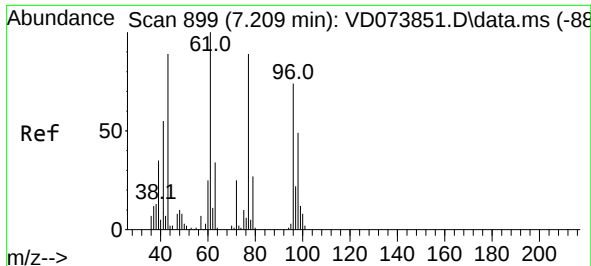
Tgt Ion: 43 Resp: 509587
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.474 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

Tgt Ion: 63 Resp: 126980
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.9
 100 5.6 2.1 6.5

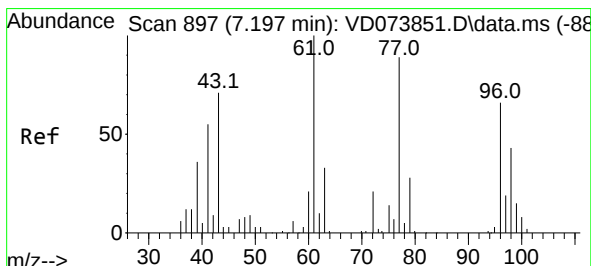
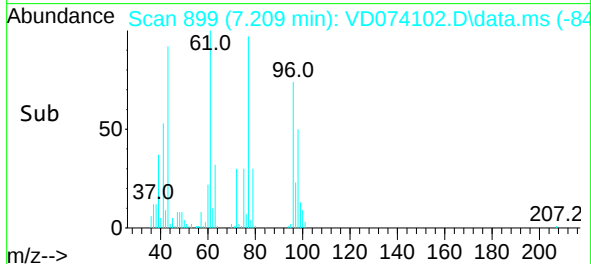
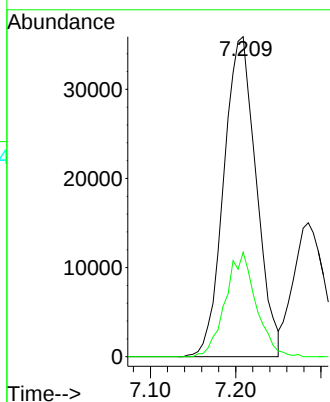
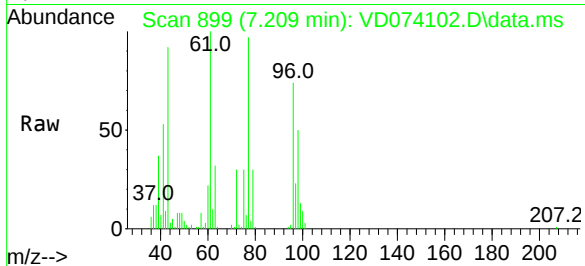




#25
2-Butanone
Concen: 252.091 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

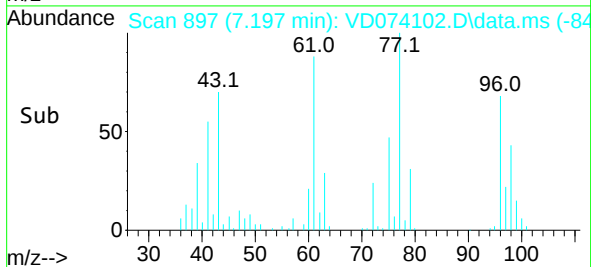
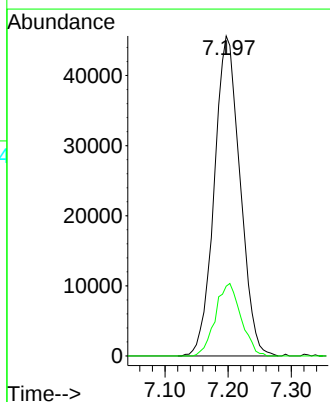
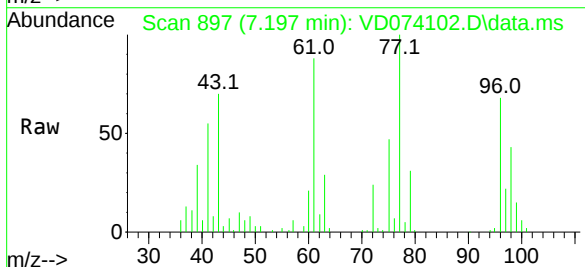
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

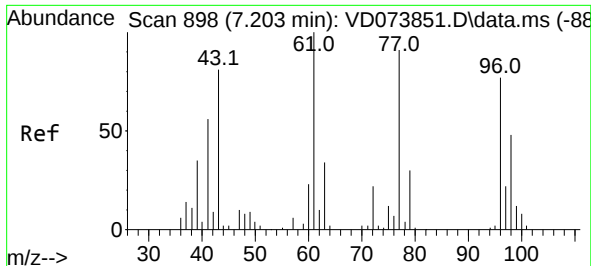
Tgt Ion: 43 Resp: 95082
Ion Ratio Lower Upper
43 100
72 32.6 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 48.625 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 77 Resp: 129388
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4

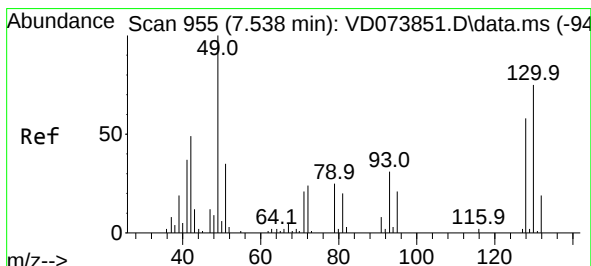
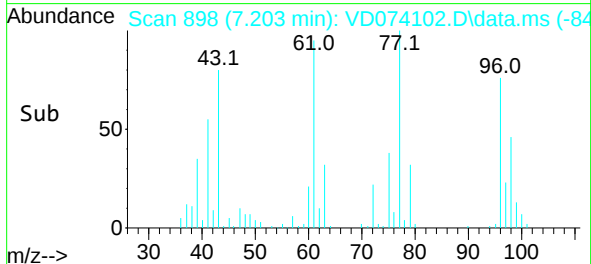
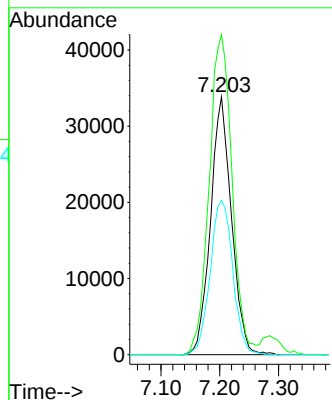
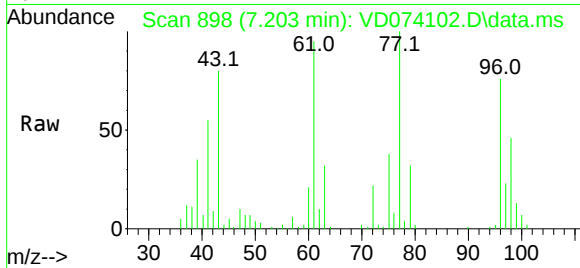




#27
 cis-1,2-Dichloroethene
 Concen: 48.033 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

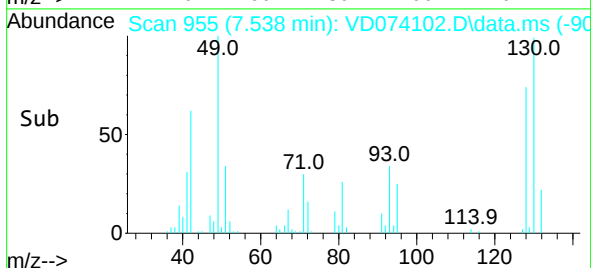
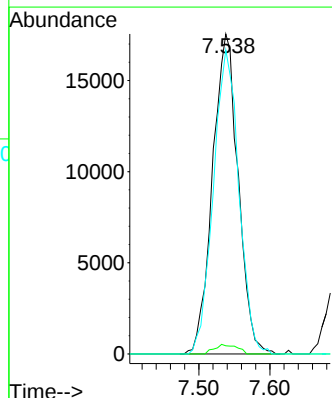
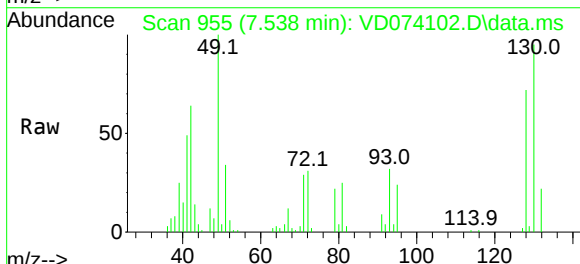
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

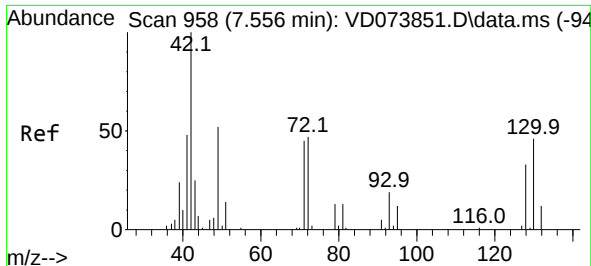
Tgt Ion: 96	Resp: 83711
Ion Ratio	Lower Upper
96 100	
61 135.7	0.0 313.8
98 64.6	0.0 128.8



#28
 Bromochloromethane
 Concen: 45.814 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

Tgt Ion: 49	Resp: 43885
Ion Ratio	Lower Upper
49 100	
129 2.6	0.0 4.0
130 94.9	52.6 79.0#





#29

Tetrahydrofuran

Concen: 261.224 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

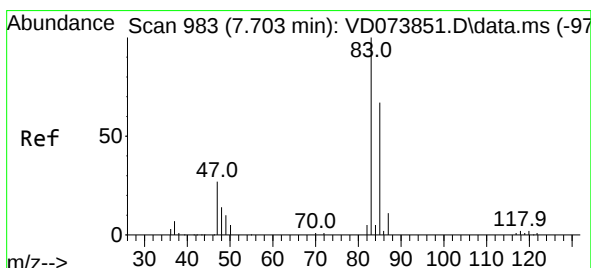
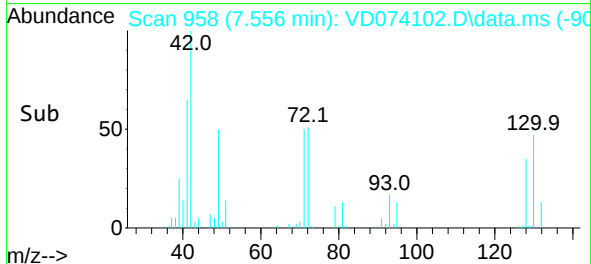
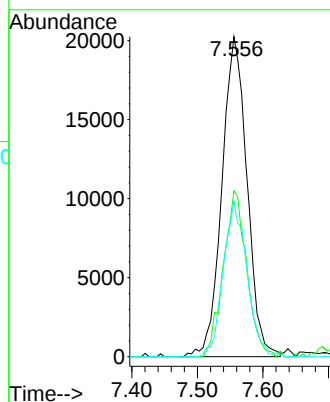
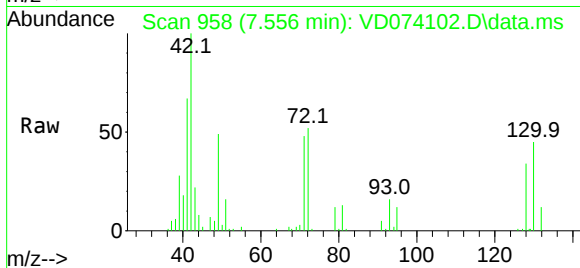
Tgt Ion: 42 Resp: 53843

Ion Ratio Lower Upper

42 100

72 48.1 30.7 46.1#

71 45.9 28.6 43.0#



#30

Chloroform

Concen: 50.286 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD074102.D

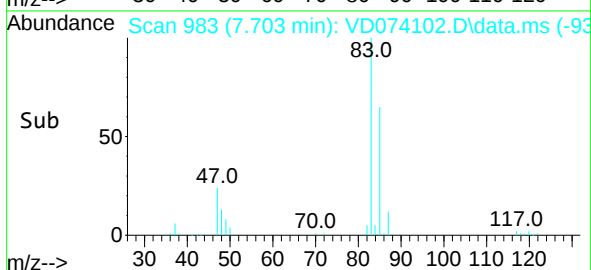
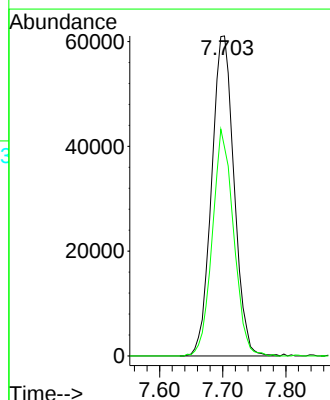
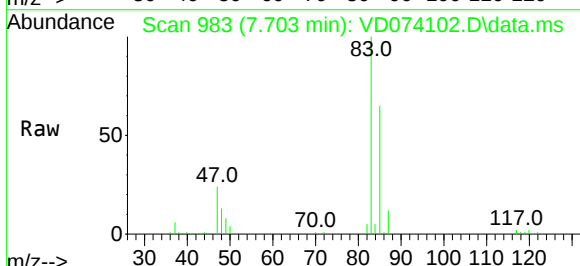
Acq: 16 Aug 2022 14:52

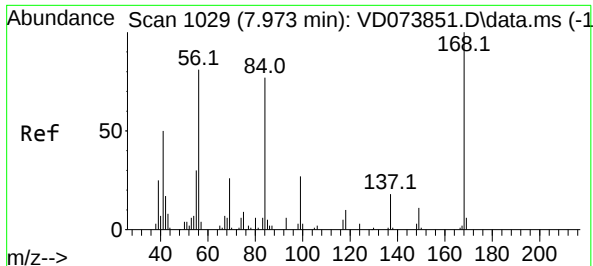
Tgt Ion: 83 Resp: 150870

Ion Ratio Lower Upper

83 100

85 65.2 52.7 79.1





#31

Cyclohexane

Concen: 46.869 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

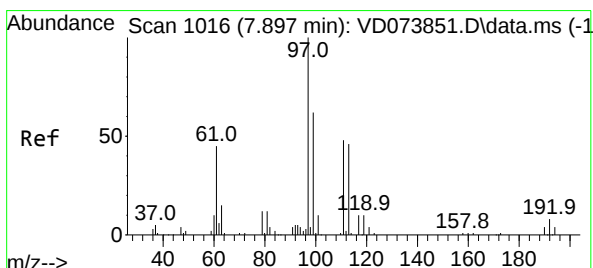
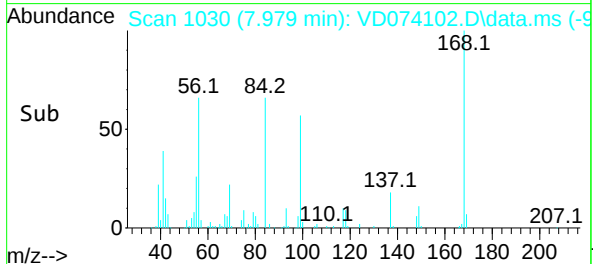
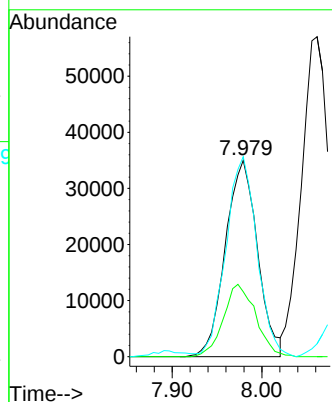
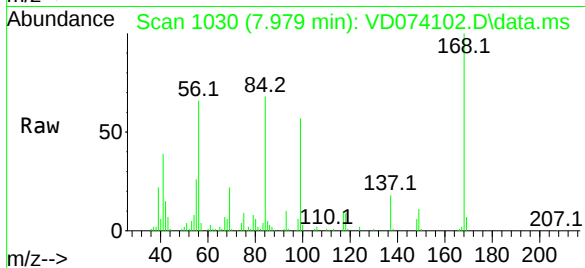
Tgt Ion: 56 Resp: 87040

Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 99.9 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 49.789 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

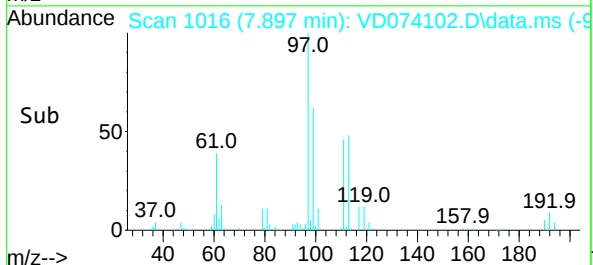
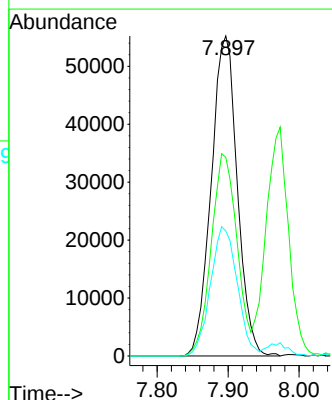
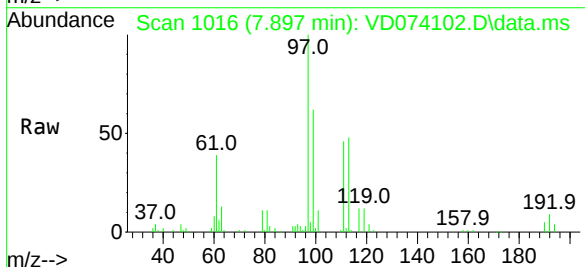
Tgt Ion: 97 Resp: 140848

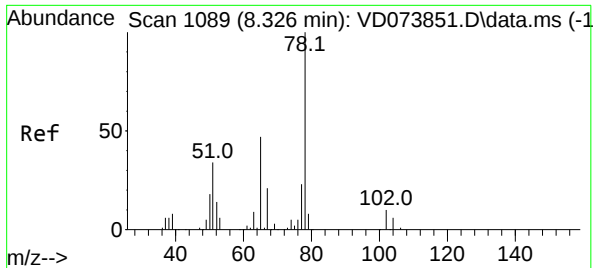
Ion Ratio Lower Upper

97 100

99 62.4 52.4 78.6

61 41.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.432 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

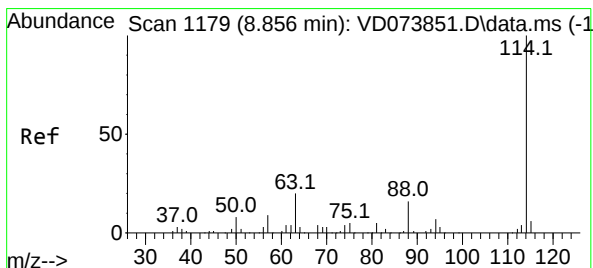
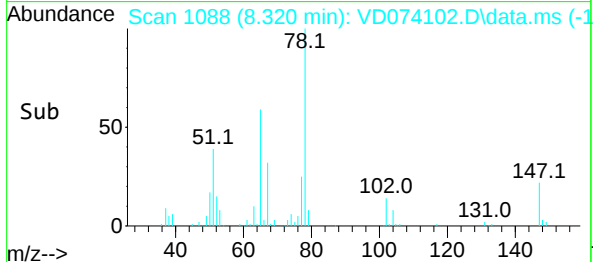
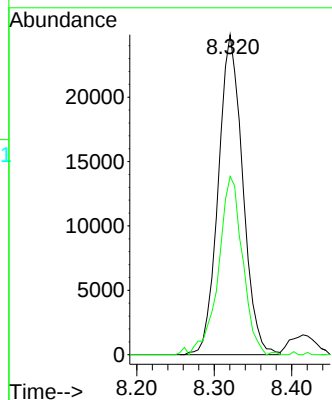
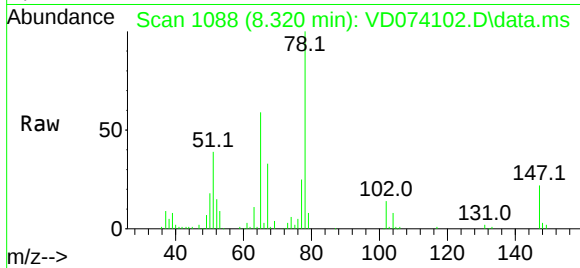
VSTDCCC050

Tgt Ion: 65 Resp: 54404

Ion Ratio Lower Upper

65 100

67 55.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

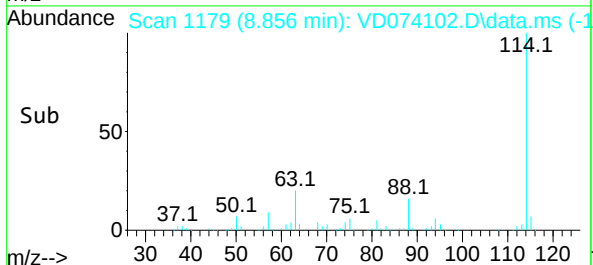
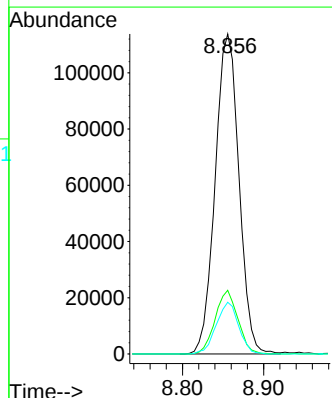
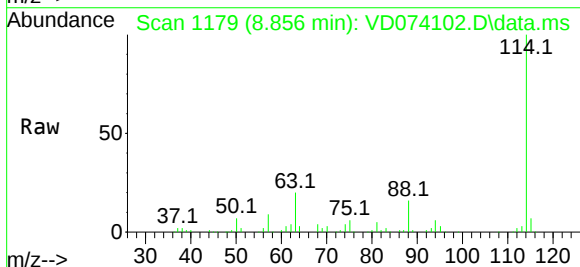
Tgt Ion: 114 Resp: 231892

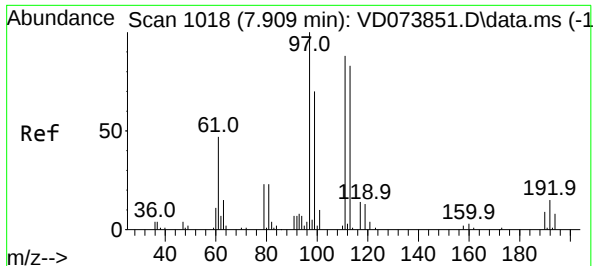
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.980 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

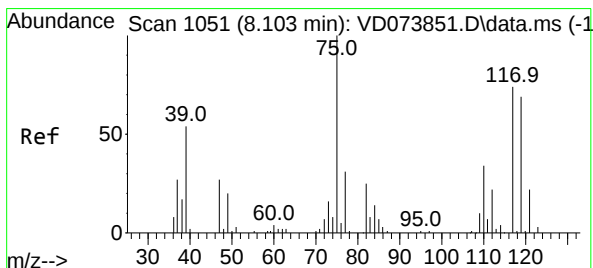
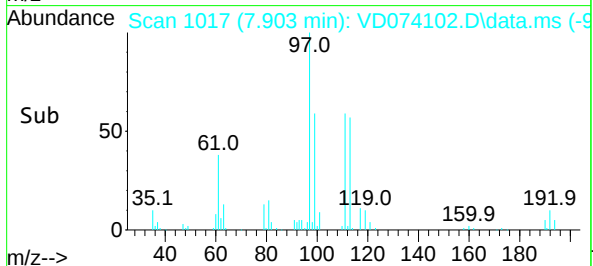
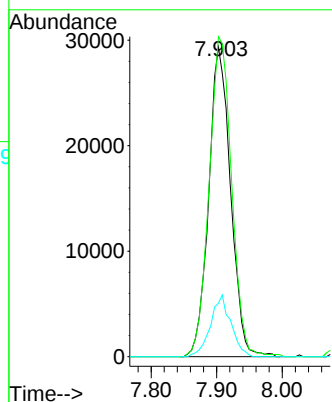
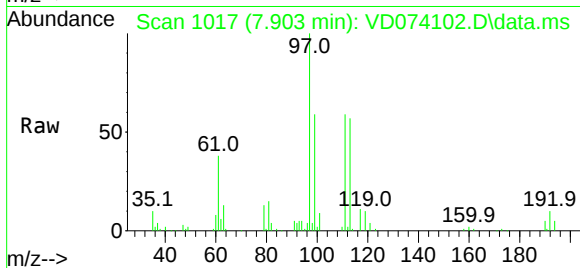
Tgt Ion:113 Resp: 68134

Ion Ratio Lower Upper

113 100

111 106.3 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 47.871 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

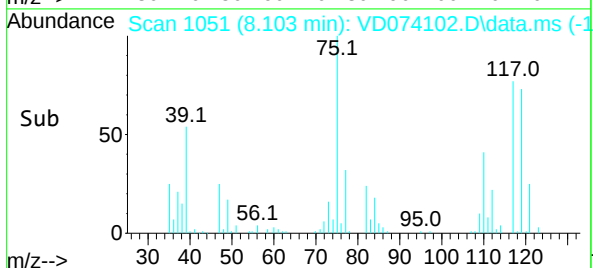
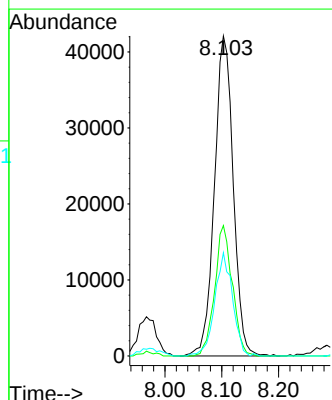
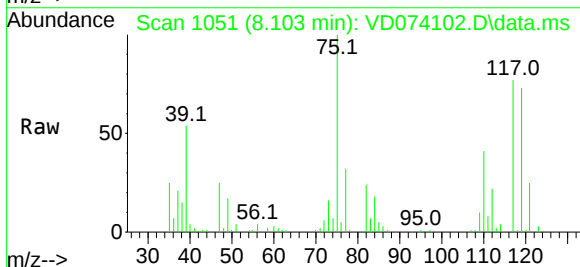
Tgt Ion: 75 Resp: 96741

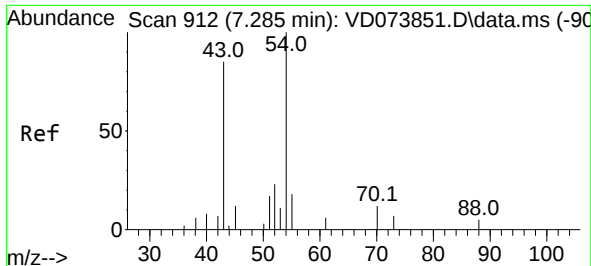
Ion Ratio Lower Upper

75 100

110 38.2 16.4 49.1

77 30.5 24.2 36.2

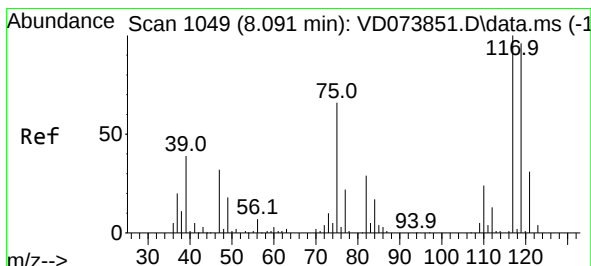
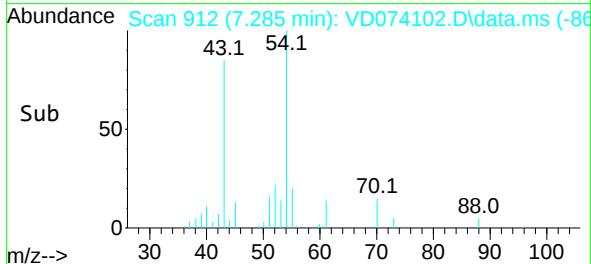
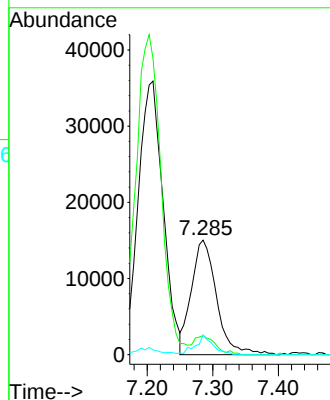
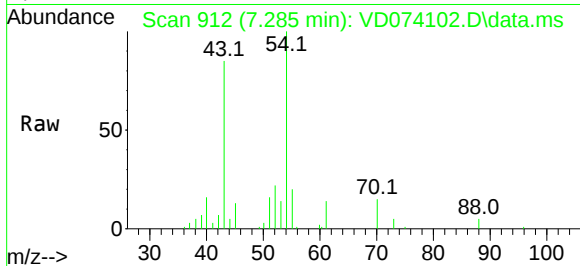




#37
Ethyl Acetate
Concen: 50.306 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

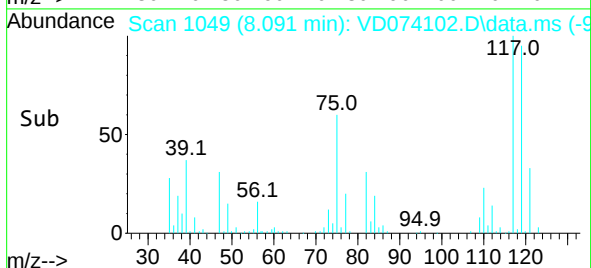
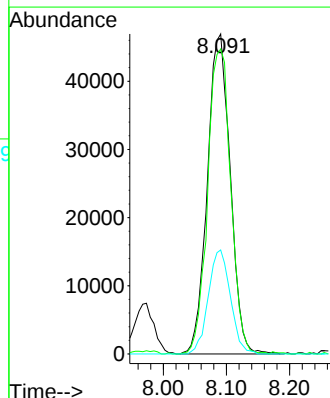
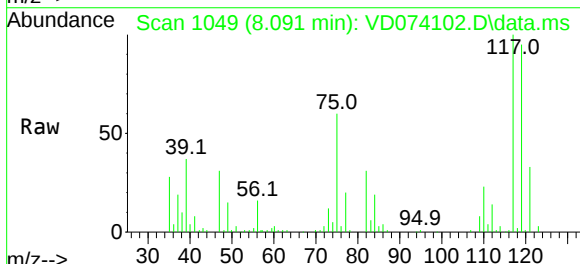
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

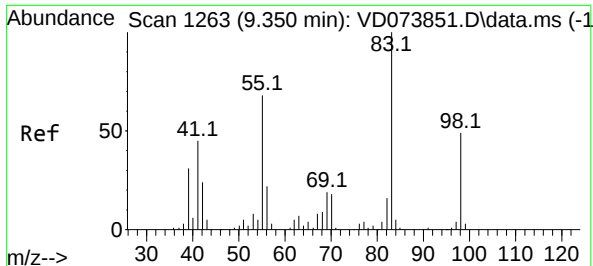
Tgt Ion: 43 Resp: 40316
Ion Ratio Lower Upper
43 100
61 14.5 9.8 14.8
70 11.8 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 50.801 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 117 Resp: 118481
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6
121 32.5 24.5 36.7





#39

Methylcyclohexane

Concen: 46.201 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

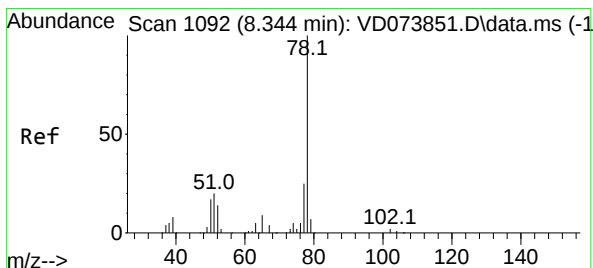
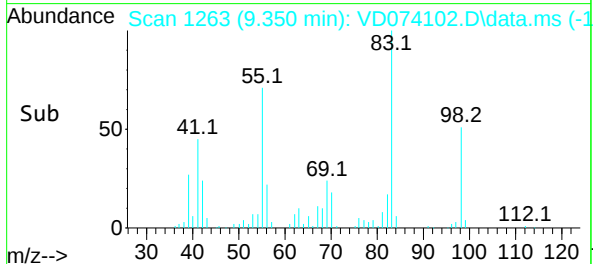
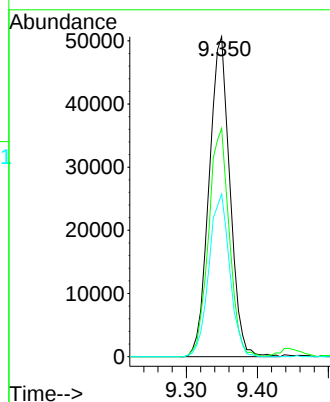
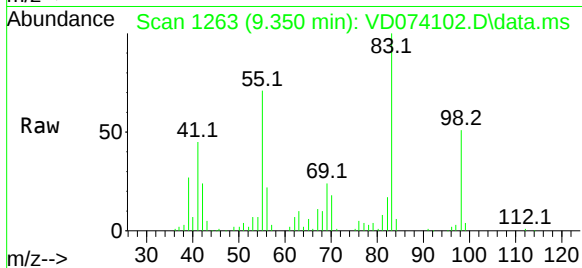
Tgt Ion: 83 Resp: 102939

Ion Ratio Lower Upper

83 100

55 71.4 63.2 94.8

98 50.9 38.2 57.4



#40

Benzene

Concen: 49.814 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD074102.D

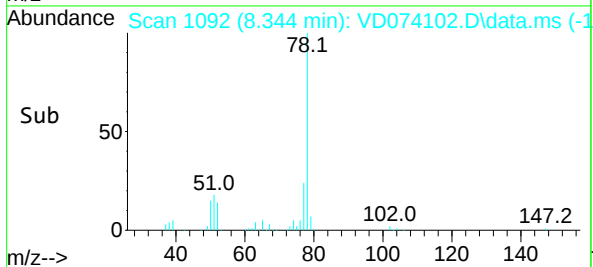
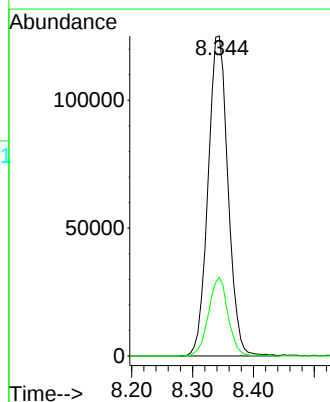
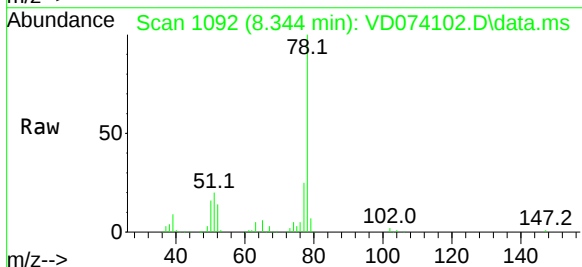
Acq: 16 Aug 2022 14:52

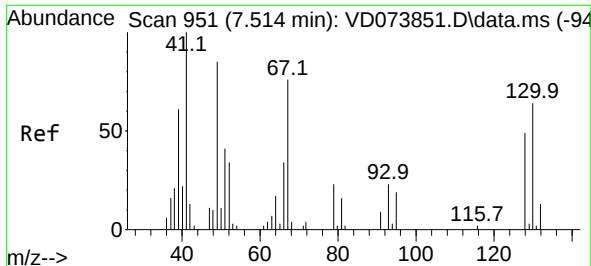
Tgt Ion: 78 Resp: 284470

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7

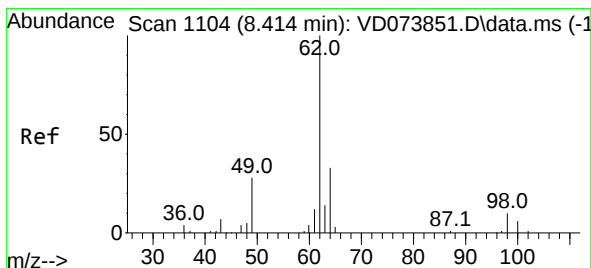
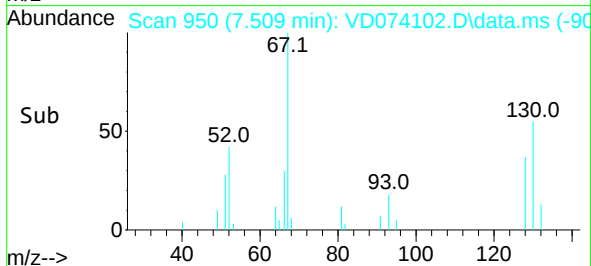
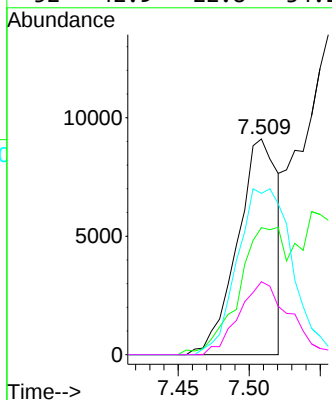
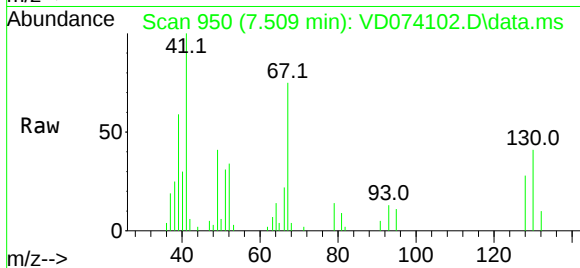




#41
Methacrylonitrile
Concen: 44.039 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

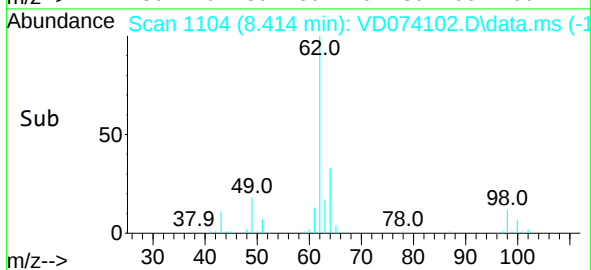
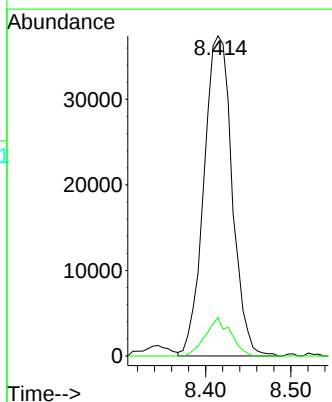
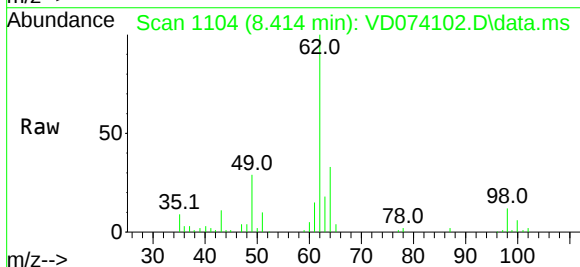
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

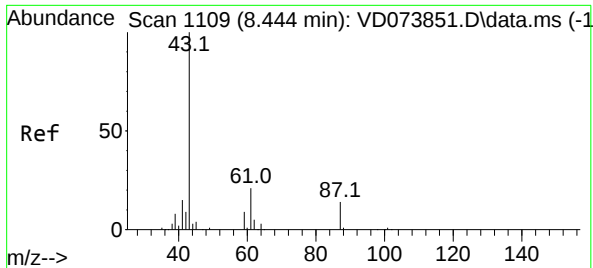
Tgt Ion:	41	Resp:	17835
Ion	Ratio	Lower	Upper
41	100		
39	68.5	44.6	67.0#
67	106.3	48.2	72.4#
52	42.9	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 49.941 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:	62	Resp:	86154
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	17.6

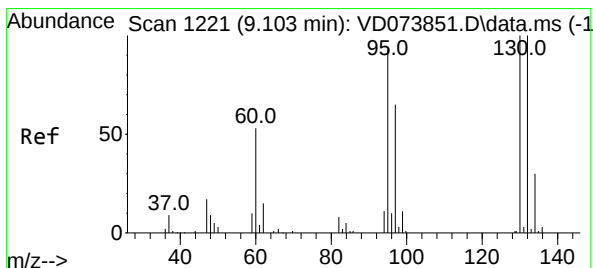
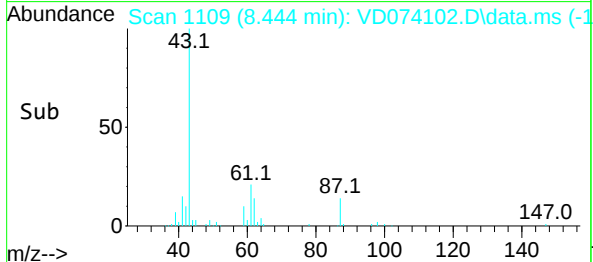
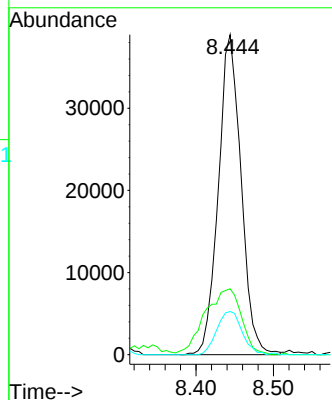
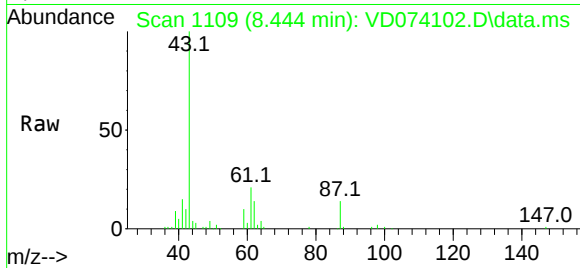




#43
Isopropyl Acetate
Concen: 53.905 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

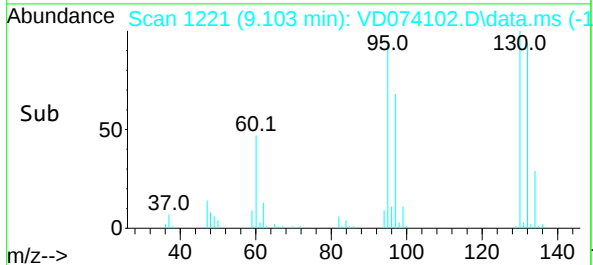
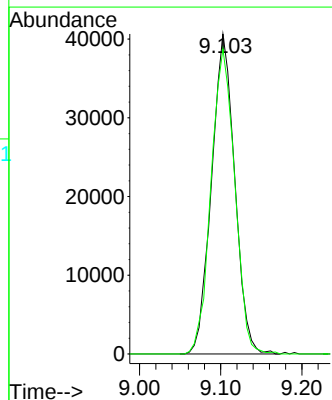
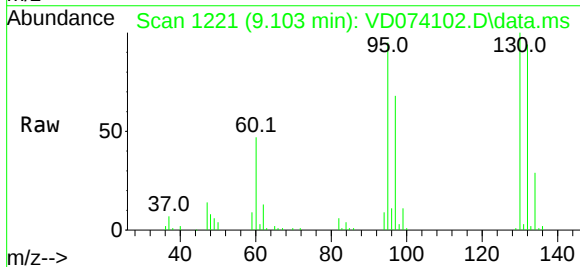
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

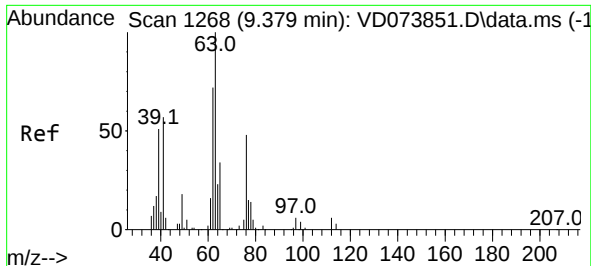
Tgt Ion: 43 Resp: 79287
Ion Ratio Lower Upper
43 100
61 33.1 22.4 33.6
87 15.0 8.7 13.1#



#44
Trichloroethene
Concen: 48.217 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:130 Resp: 80625
Ion Ratio Lower Upper
130 100
95 95.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.352 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

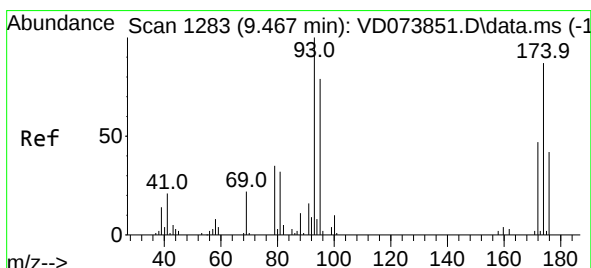
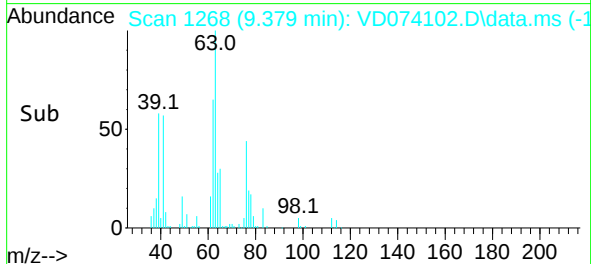
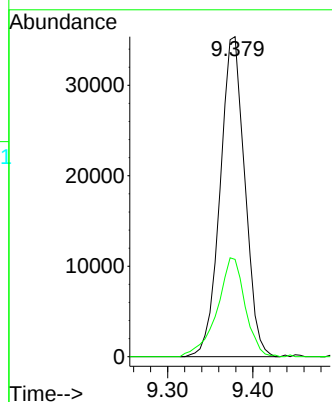
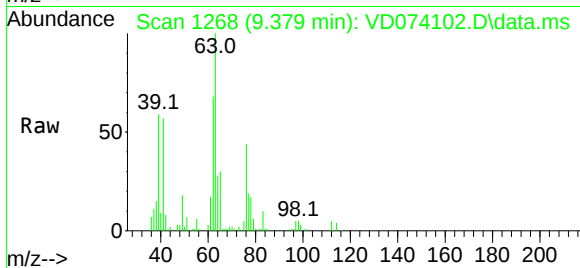
VSTDCCC050

Tgt Ion: 63 Resp: 71036

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 52.459 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

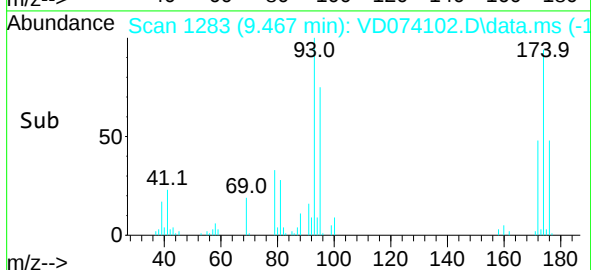
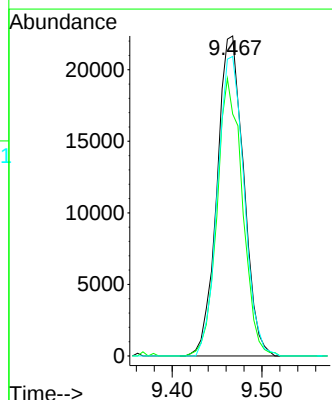
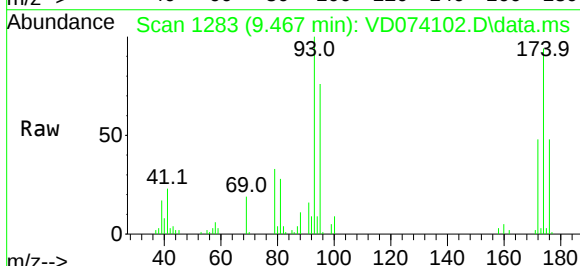
Tgt Ion: 93 Resp: 45998

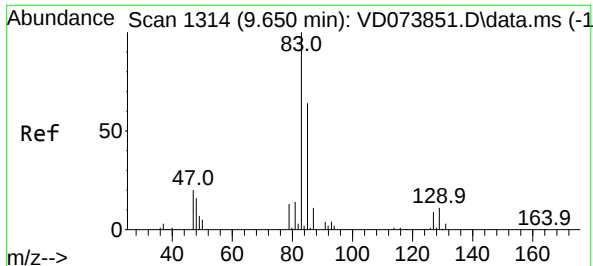
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 93.1 71.6 107.4

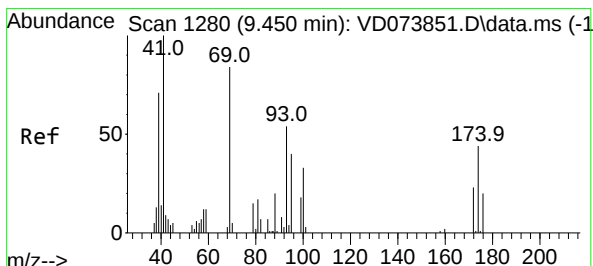
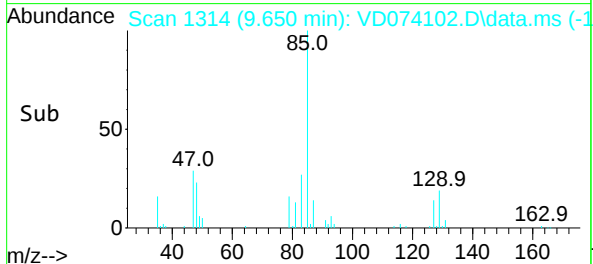
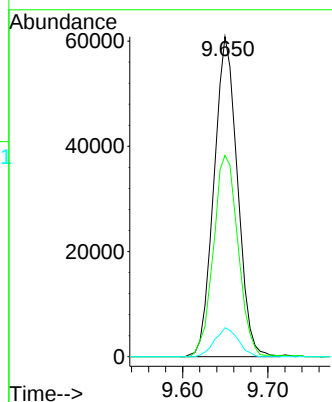
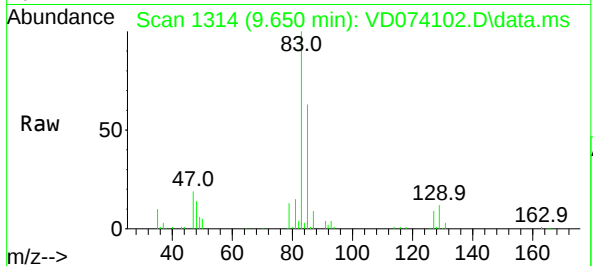




#47
Bromodichloromethane
Concen: 51.799 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

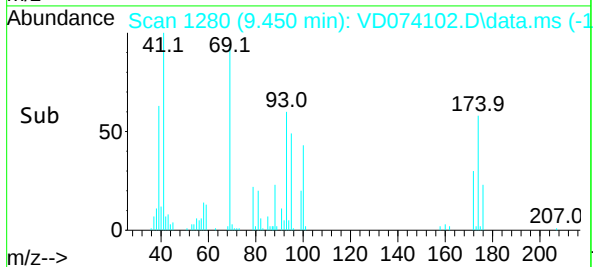
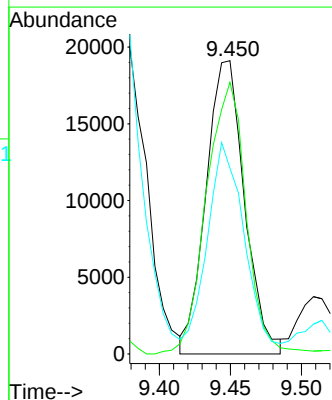
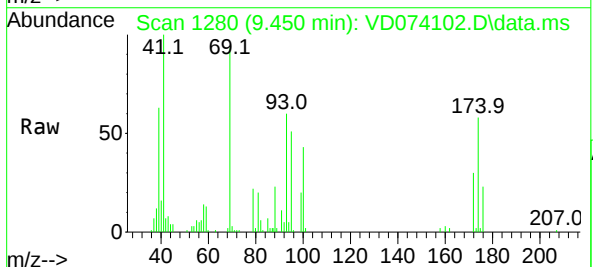
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

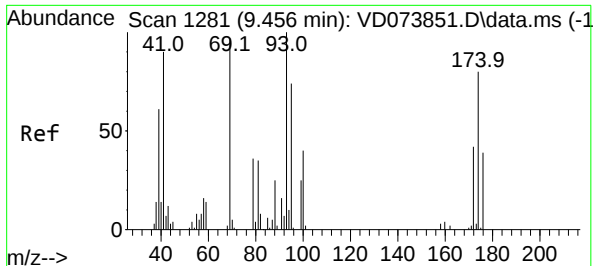
Tgt Ion: 83 Resp: 116763
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.0
127 9.1 6.1 9.1



#48
Methyl methacrylate
Concen: 53.614 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 41 Resp: 36054
Ion Ratio Lower Upper
41 100
69 96.0 56.7 85.1#
39 70.0 42.7 64.1#





#49

1,4-Dioxane

Concen: 1191.640 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

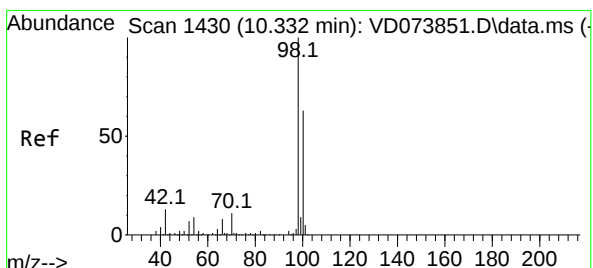
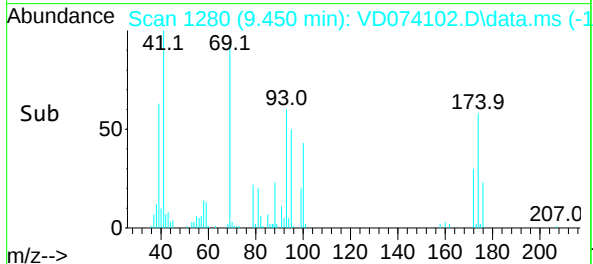
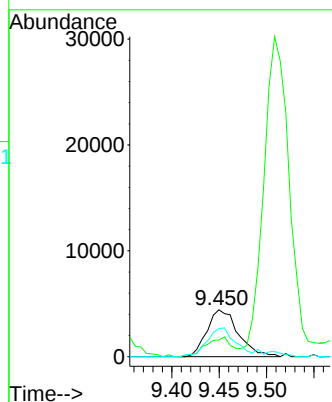
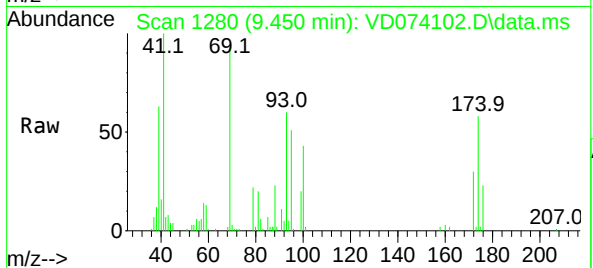
Tgt Ion: 88 Resp: 10165

Ion Ratio Lower Upper

88 100

43 36.3 31.0 46.4

58 55.1 58.1 87.1#



#50

Toluene-d8

Concen: 41.200 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074102.D

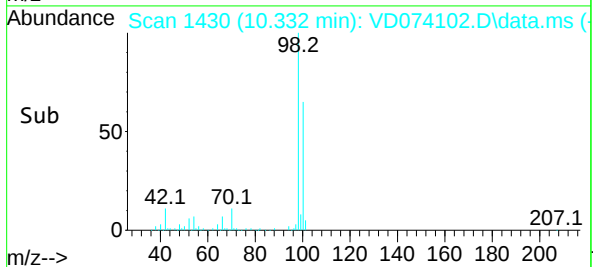
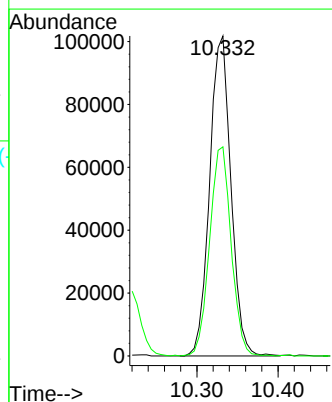
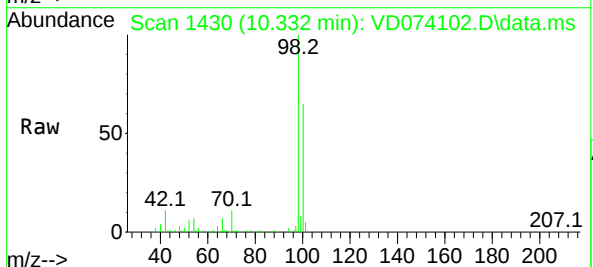
Acq: 16 Aug 2022 14:52

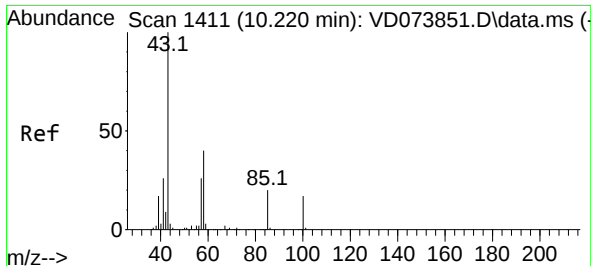
Tgt Ion: 98 Resp: 185365

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

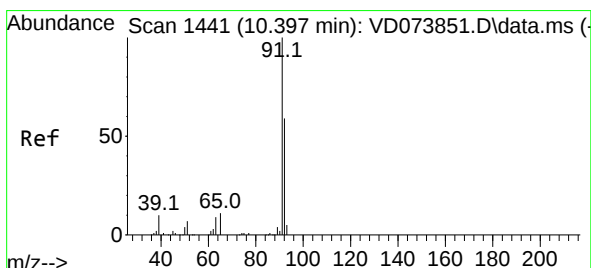
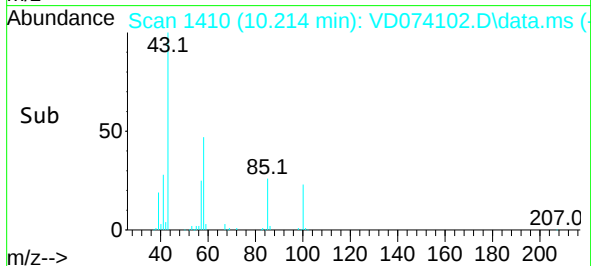
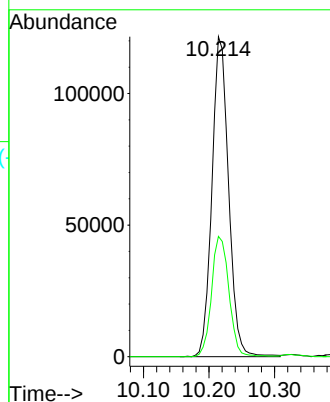
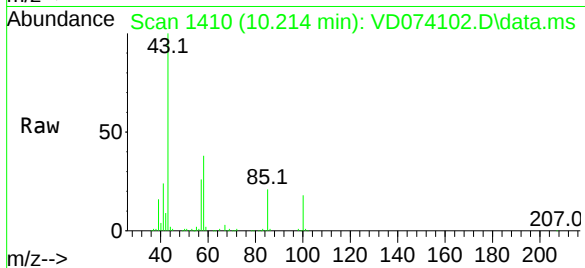




#51
4-Methyl-2-Pentanone
Concen: 284.654 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

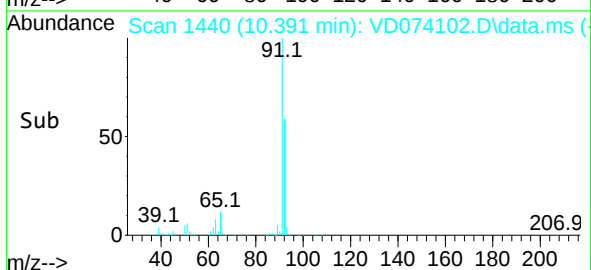
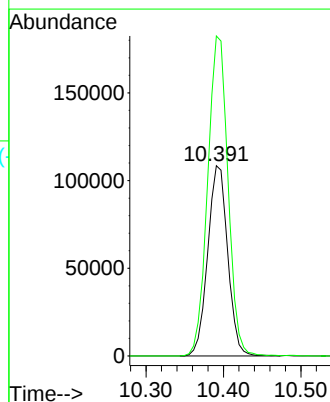
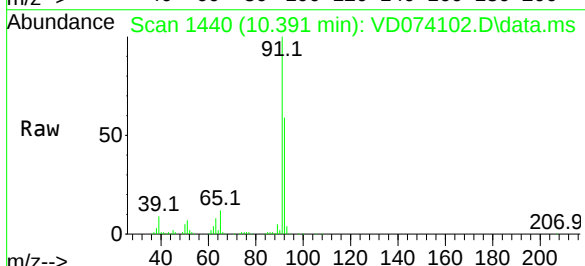
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

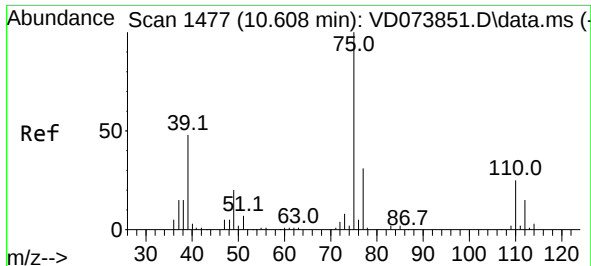
Tgt Ion: 43 Resp: 214353
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0



#52
Toluene
Concen: 52.072 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 92 Resp: 194435
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4

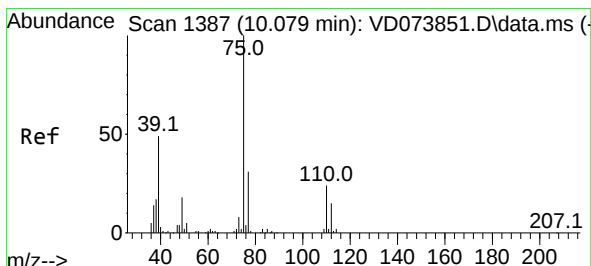
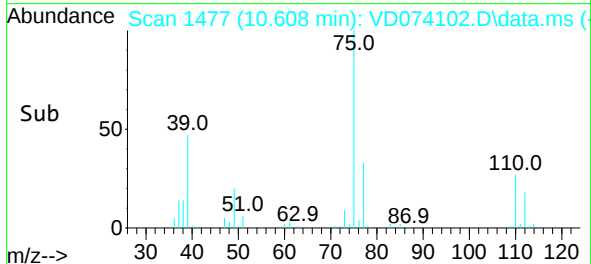
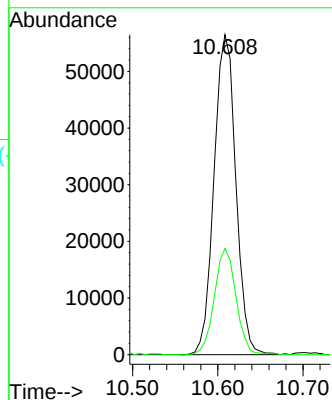
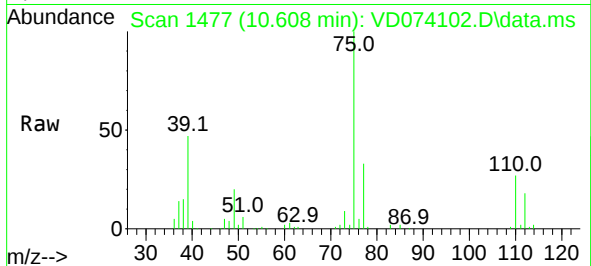




#53
t-1,3-Dichloropropene
Concen: 52.274 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

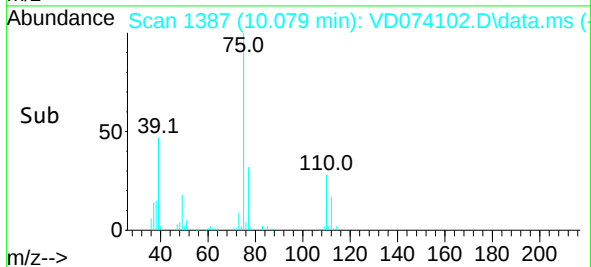
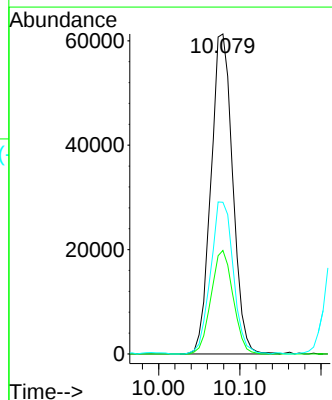
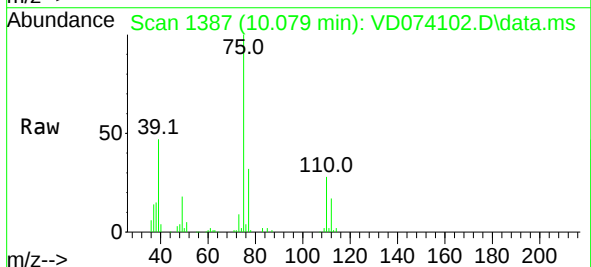
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

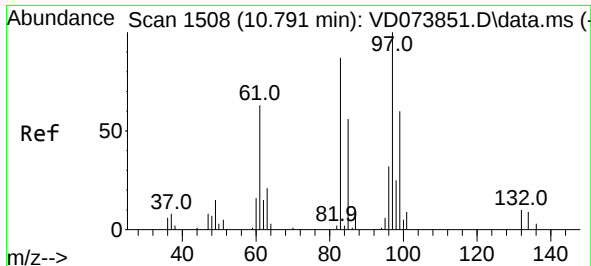
Tgt Ion: 75 Resp: 100434
Ion Ratio Lower Upper
75 100
77 33.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.337 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 75 Resp: 114054
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 47.4 46.8 70.2

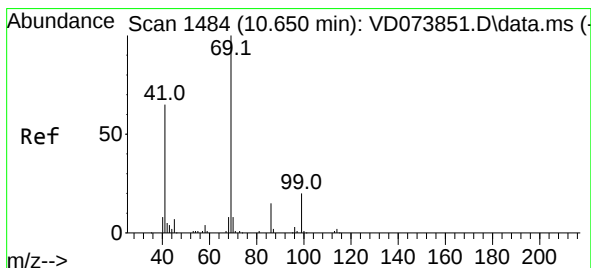
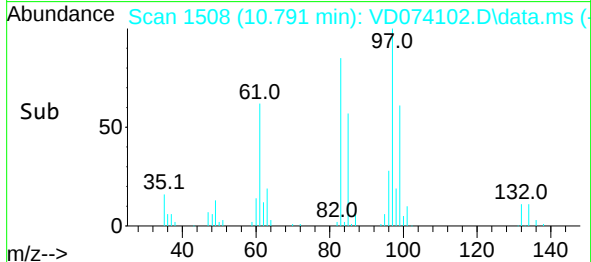
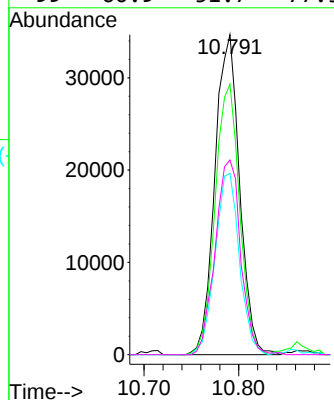
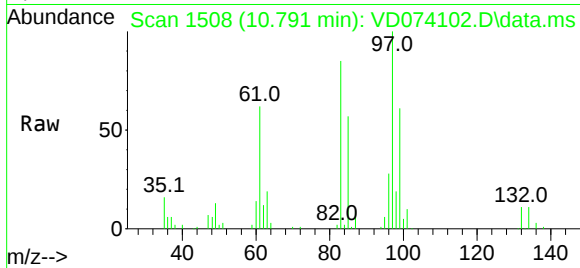




#55
1,1,2-Trichloroethane
Concen: 53.828 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

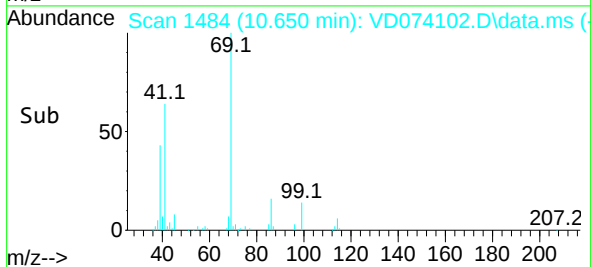
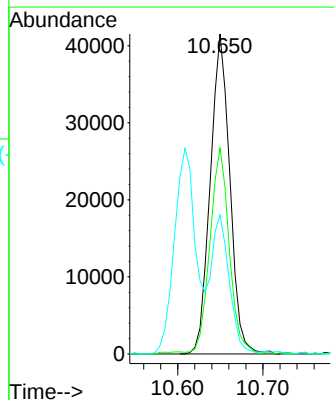
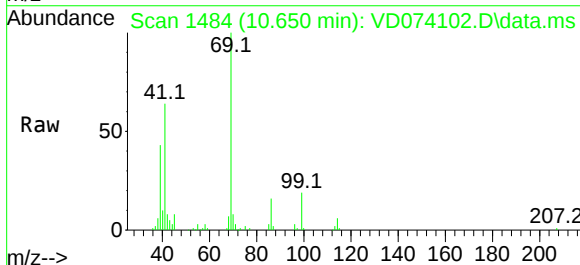
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

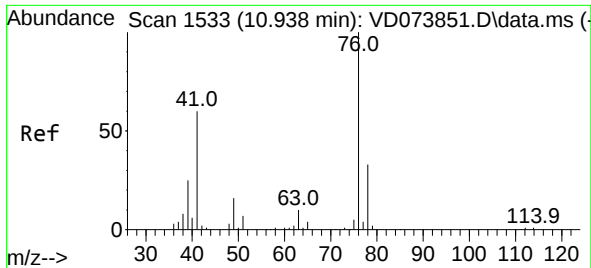
Tgt Ion:	97	Resp:	62814
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.0	103.4
85	56.7	42.6	63.8
99	60.9	51.7	77.5



#56
Ethyl methacrylate
Concen: 55.811 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:	69	Resp:	66225
Ion	Ratio	Lower	Upper
69	100		
41	64.2	63.0	94.6
39	38.6	33.8	50.8

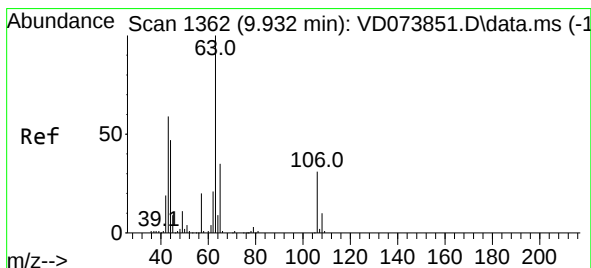
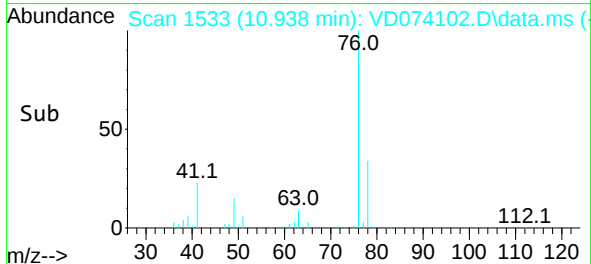
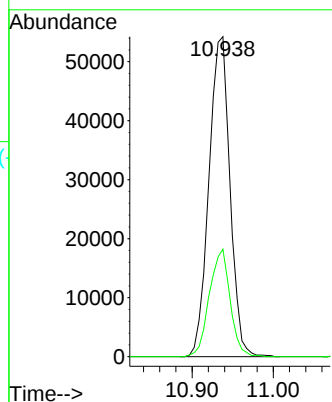
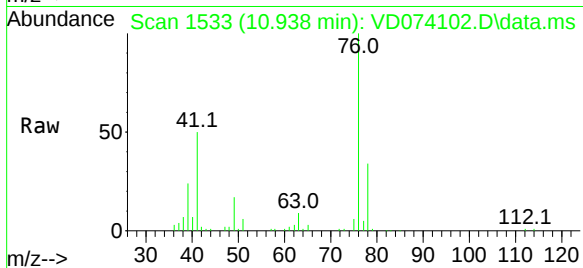




#57
 1,3-Dichloropropane
 Concen: 52.823 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

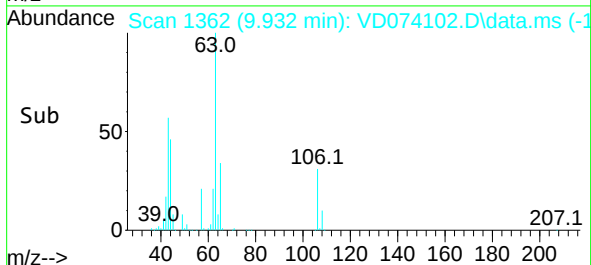
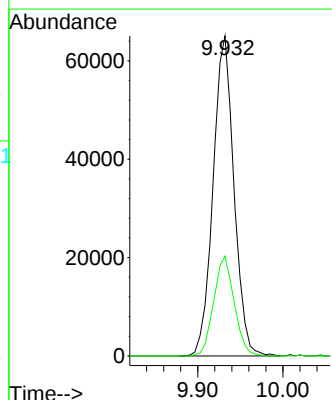
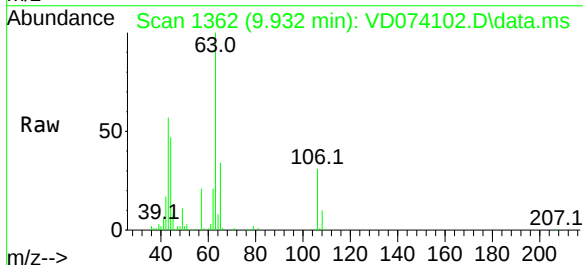
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

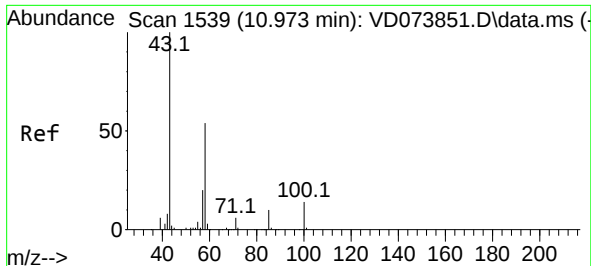
Tgt Ion: 76 Resp: 97707
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.171 ug/l
 RT: 9.932 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

Tgt Ion: 63 Resp: 110768
 Ion Ratio Lower Upper
 63 100
 106 30.5 21.4 32.0

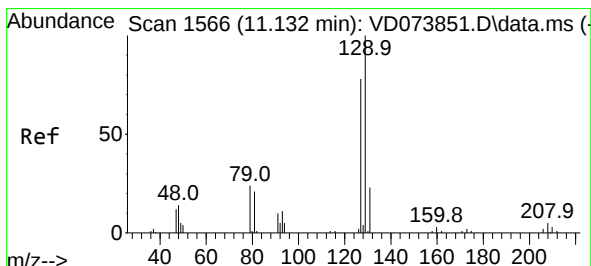
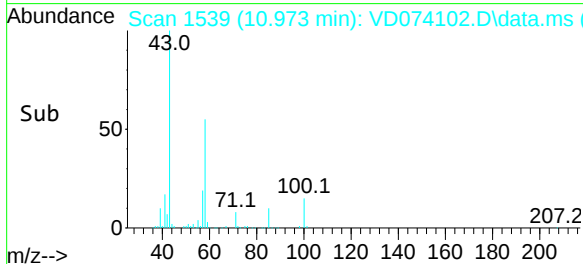
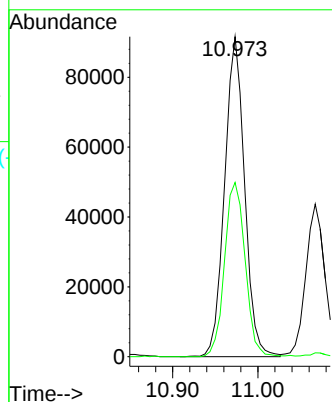
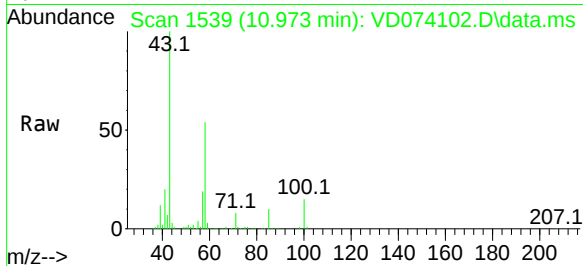




#59
2-Hexanone
Concen: 289.763 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

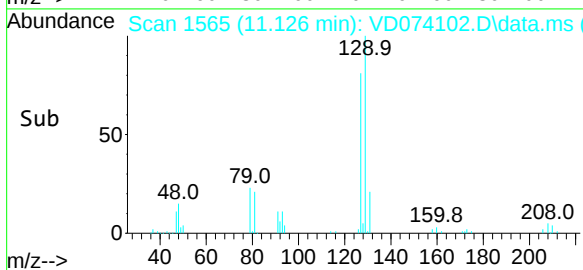
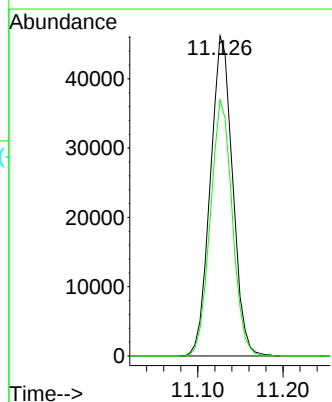
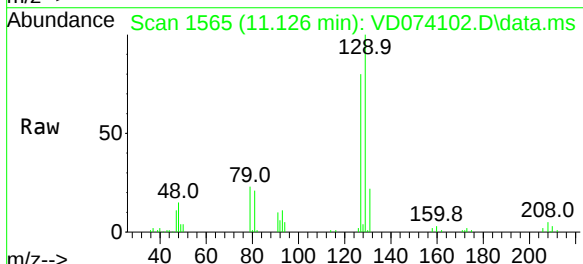
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

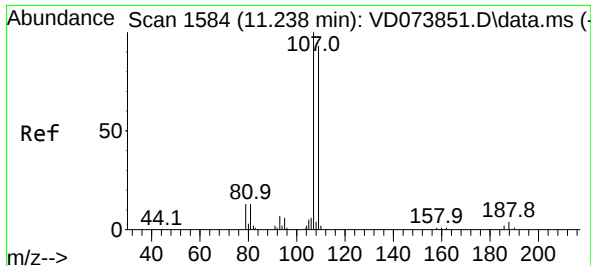
Tgt Ion: 43 Resp: 149214
Ion Ratio Lower Upper
43 100
58 56.1 25.3 75.9



#60
Dibromochloromethane
Concen: 53.211 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 129 Resp: 83959
Ion Ratio Lower Upper
129 100
127 78.8 39.2 117.6

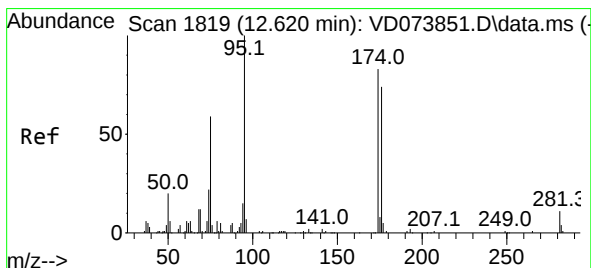
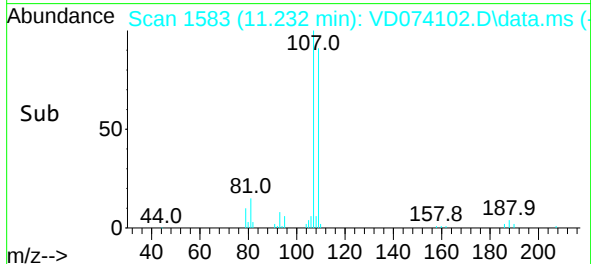
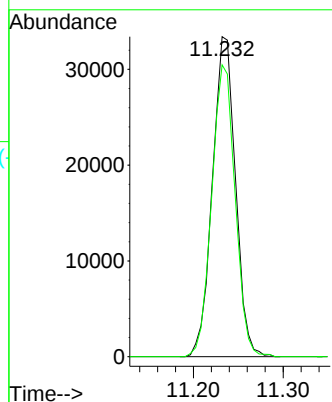
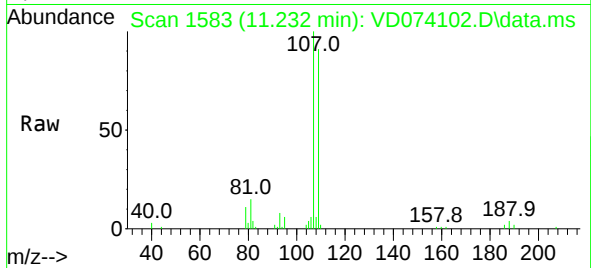




#61
1,2-Dibromoethane
Concen: 52.727 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

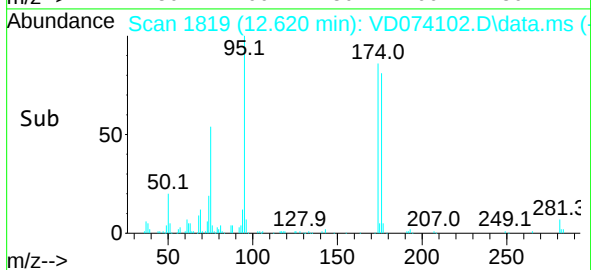
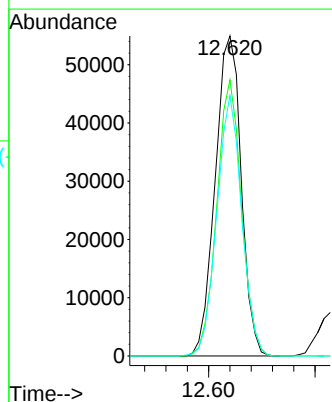
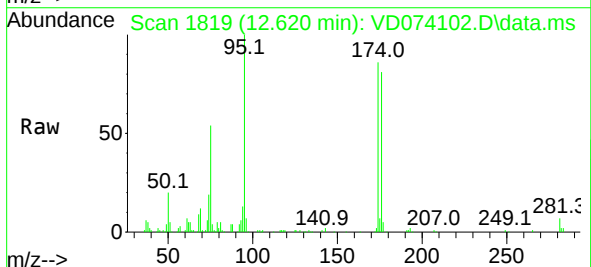
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

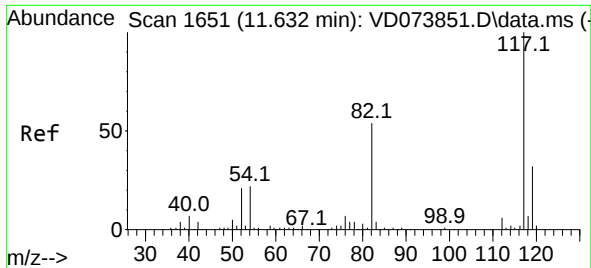
Tgt Ion:107 Resp: 59753
Ion Ratio Lower Upper
107 100
109 92.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.041 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 95 Resp: 92970
Ion Ratio Lower Upper
95 100
174 82.1 0.0 152.8
176 77.8 0.0 145.4

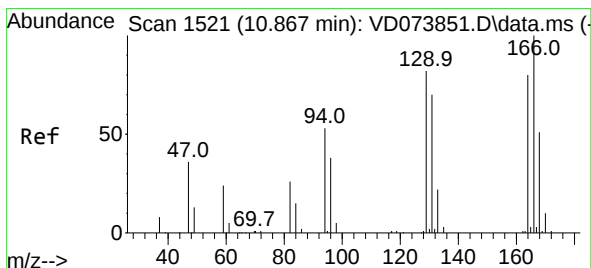
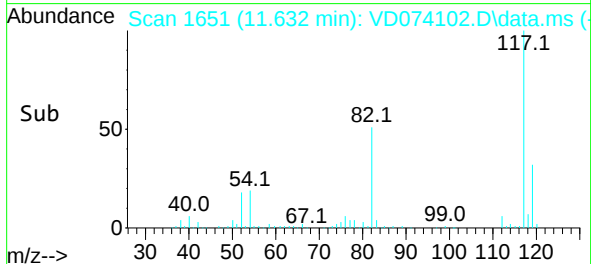
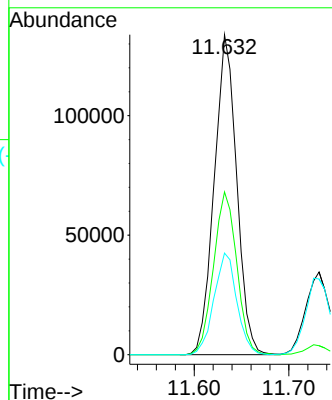
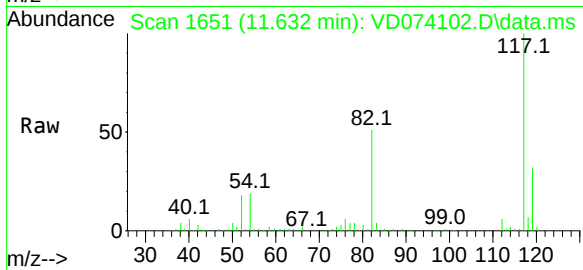




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

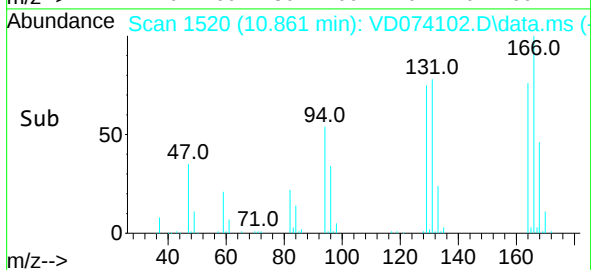
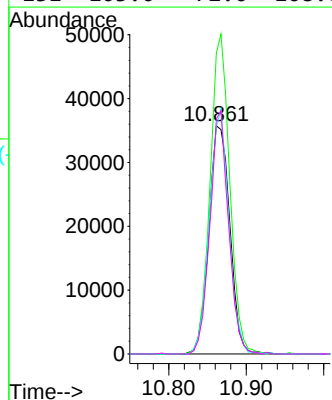
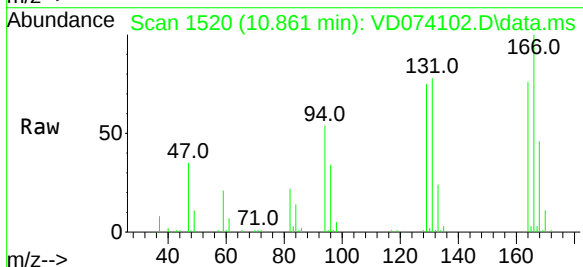
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

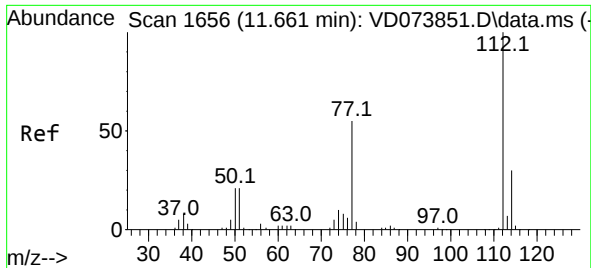
Tgt Ion:117 Resp: 221085
Ion Ratio Lower Upper
117 100
82 50.8 45.3 67.9
119 31.8 26.6 40.0



#64
Tetrachloroethene
Concen: 48.148 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:164 Resp: 67348
Ion Ratio Lower Upper
164 100
166 132.0 98.5 147.7
129 99.6 74.6 111.8
131 103.0 72.0 108.0

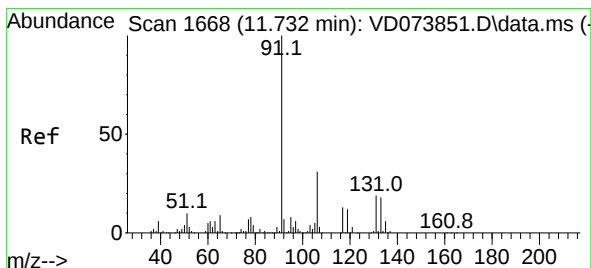
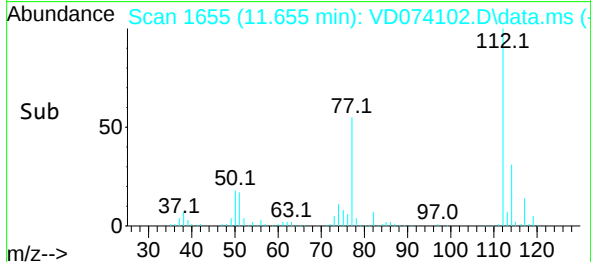
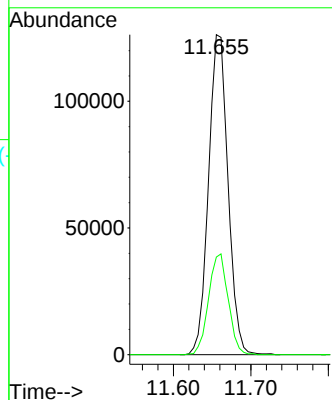
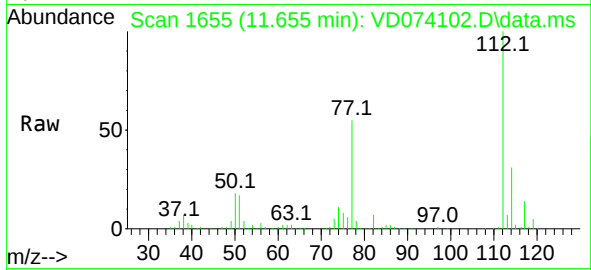




#65
Chlorobenzene
Concen: 50.949 ug/l
RT: 11.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

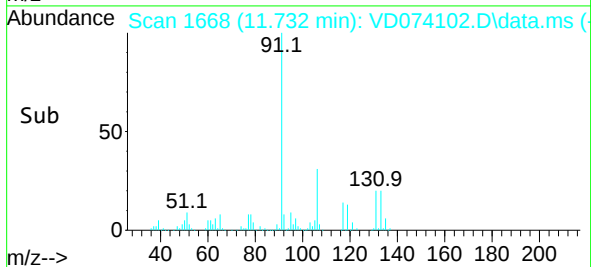
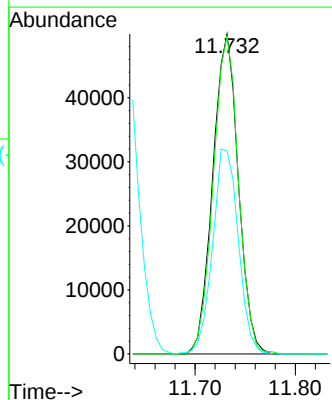
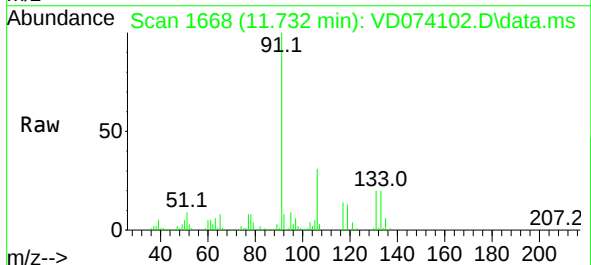
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

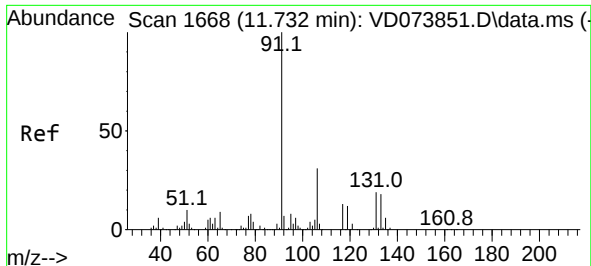
Tgt Ion:112 Resp: 220355
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.940 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:131 Resp: 88293
Ion Ratio Lower Upper
131 100
133 98.0 48.1 144.3
119 64.5 31.9 95.9

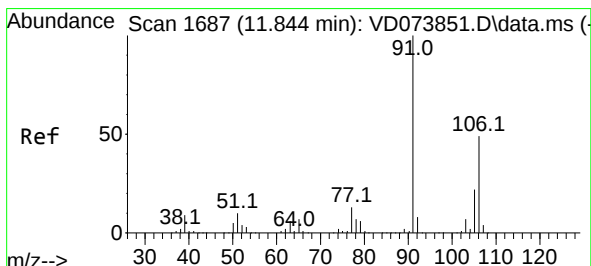
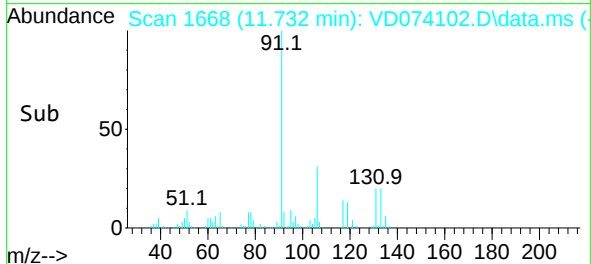
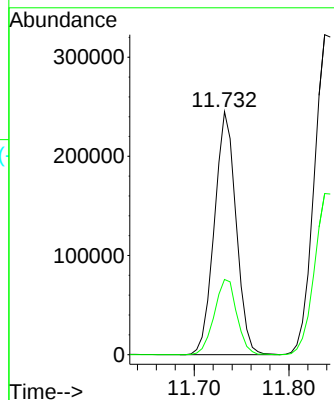
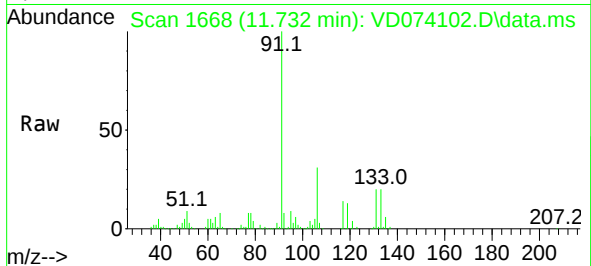




#67
Ethyl Benzene
Concen: 52.650 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

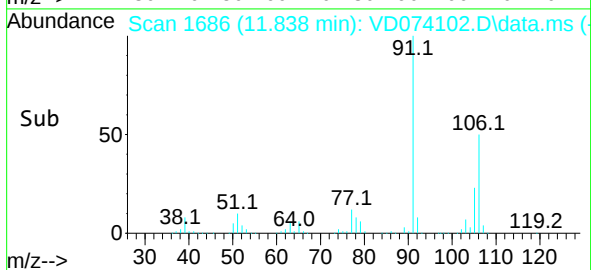
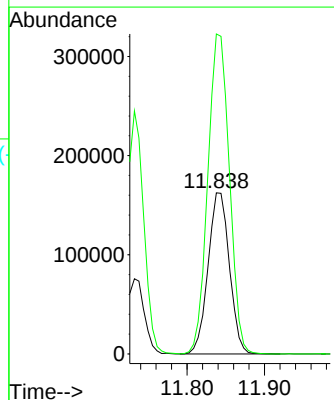
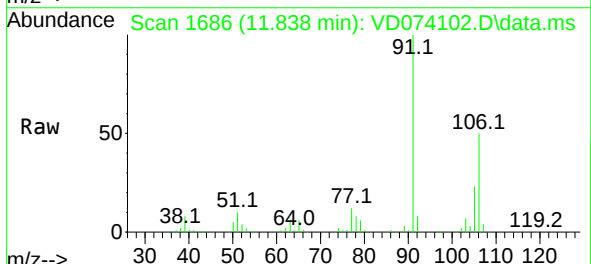
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

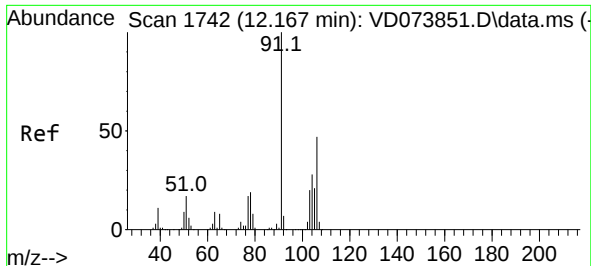
Tgt Ion: 91 Resp: 389835
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 104.696 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 106 Resp: 311231
Ion Ratio Lower Upper
106 100
91 200.9 163.7 245.5

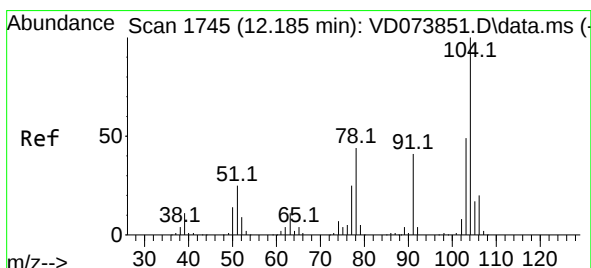
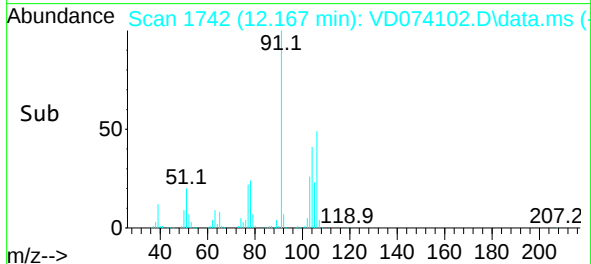
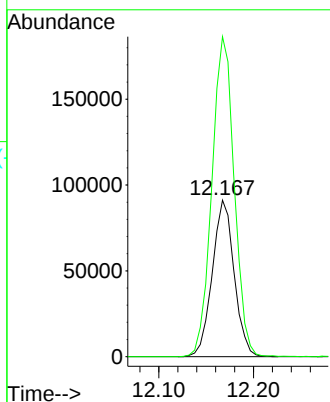
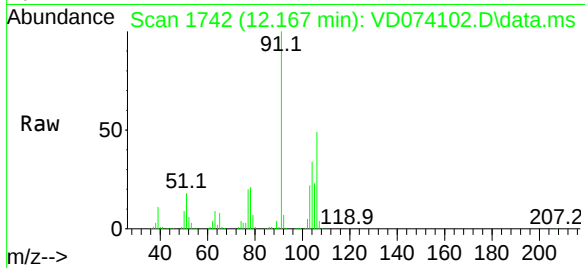




#69
o-Xylene
Concen: 54.054 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

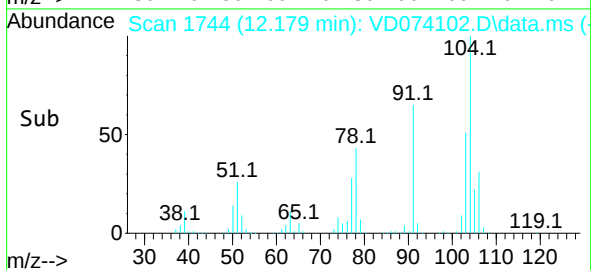
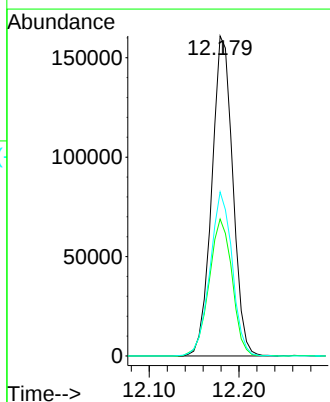
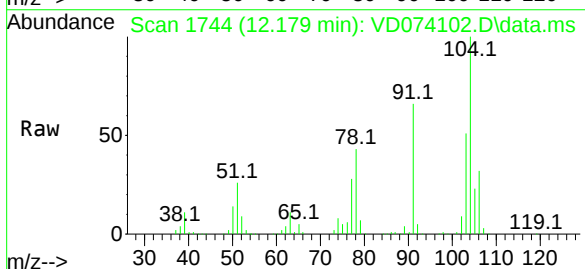
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

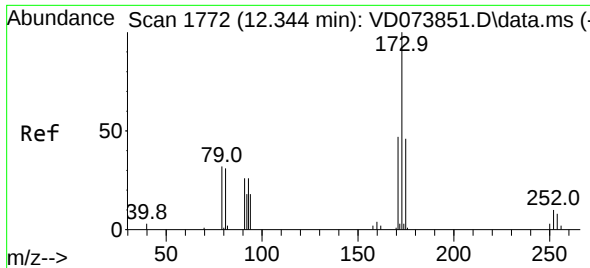
Tgt Ion:106 Resp: 146412
Ion Ratio Lower Upper
106 100
91 208.8 110.4 331.2



#70
Styrene
Concen: 55.471 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:104 Resp: 261964
Ion Ratio Lower Upper
104 100
78 46.8 41.8 62.8
103 54.2 44.2 66.4

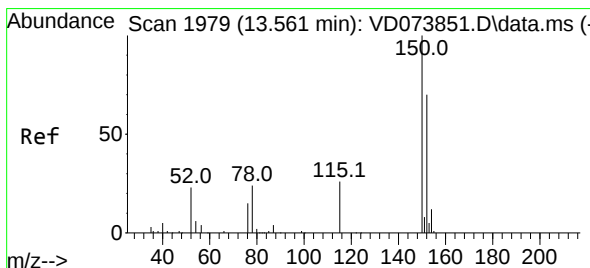
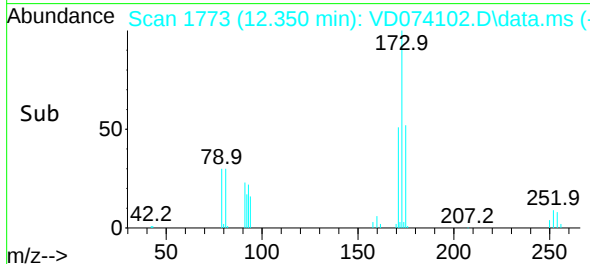
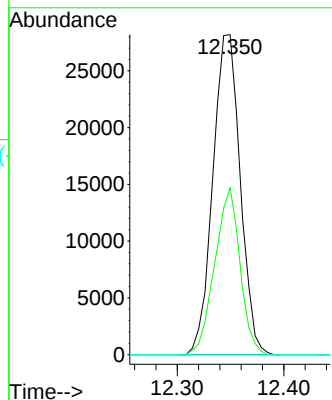
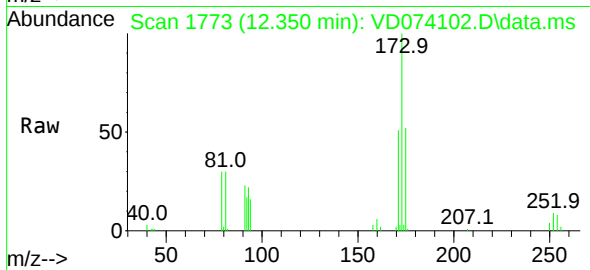




#71
Bromoform
Concen: 56.407 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

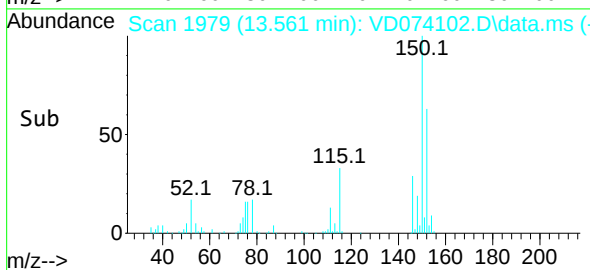
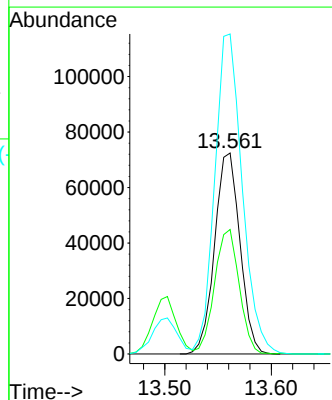
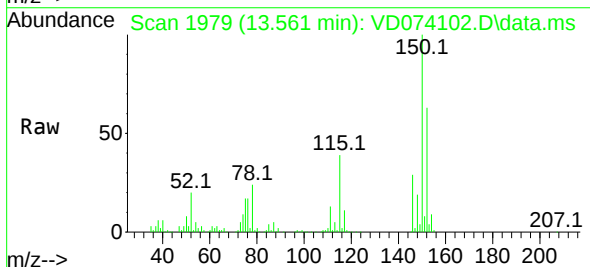
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

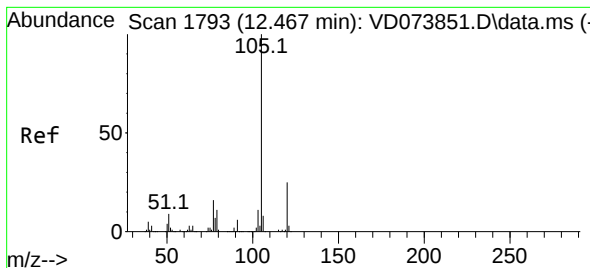
Tgt Ion:173 Resp: 50237
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:152 Resp: 119567
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 172.5 0.0 348.6





#73

Isopropylbenzene

Concen: 53.355 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

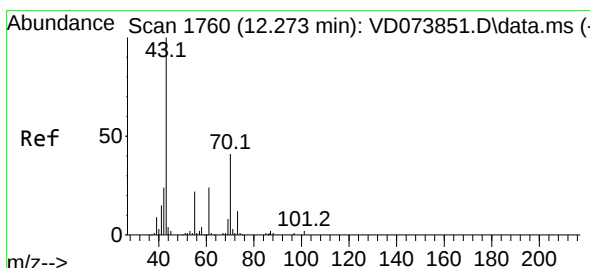
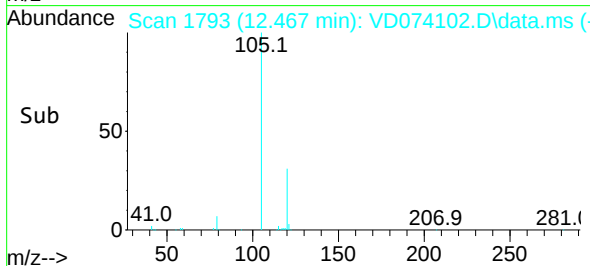
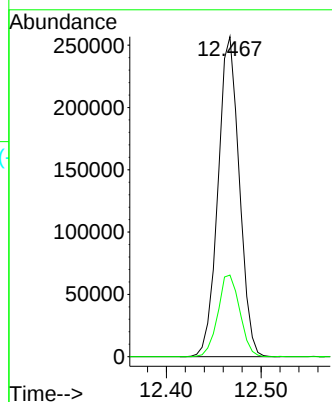
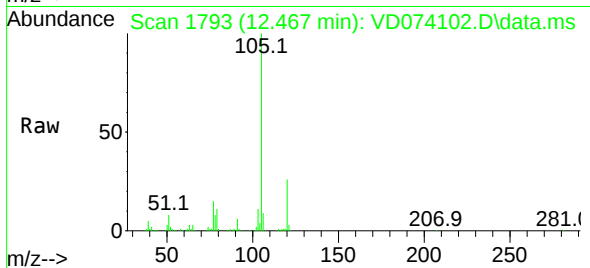
VSTDCCC050

Tgt Ion:105 Resp: 400994

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 53.472 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Tgt Ion: 43 Resp: 77161

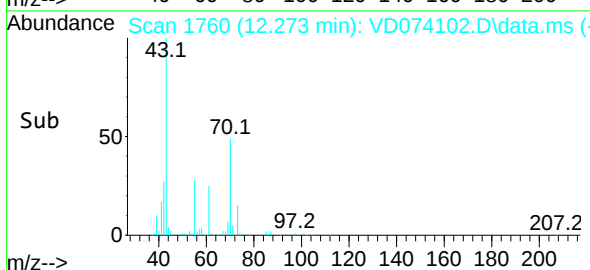
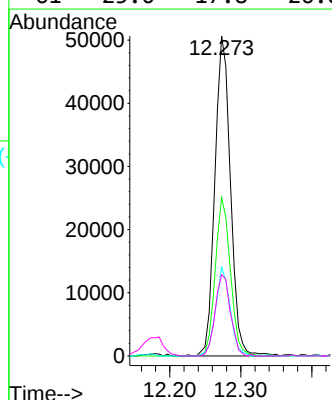
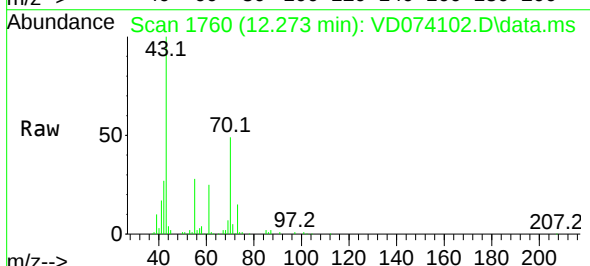
Ion Ratio Lower Upper

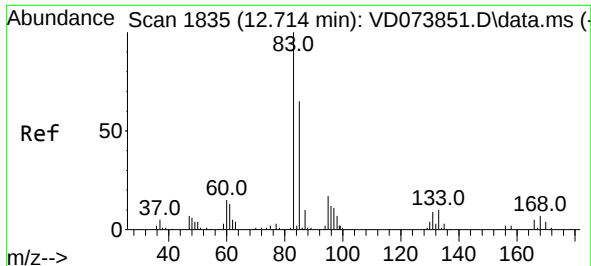
43 100

70 47.9 31.3 46.9

55 25.8 20.0 30.0

61 25.0 17.8 26.8

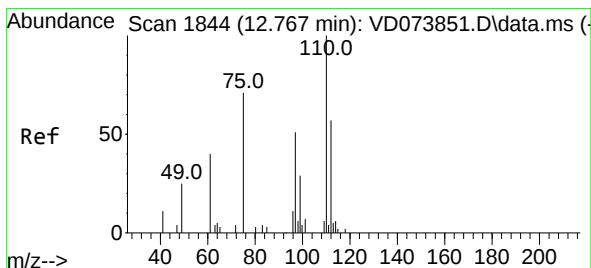
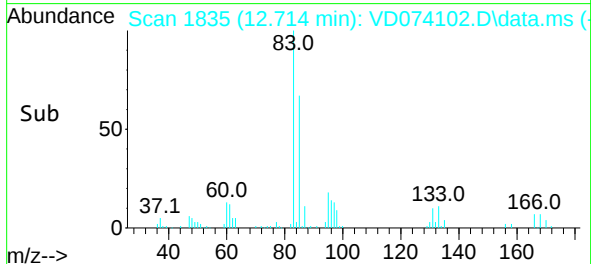
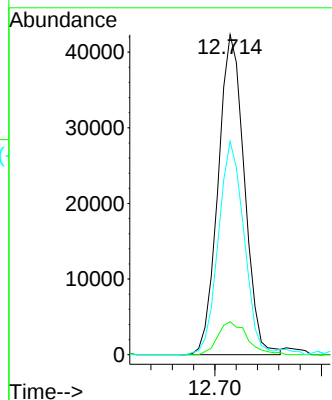
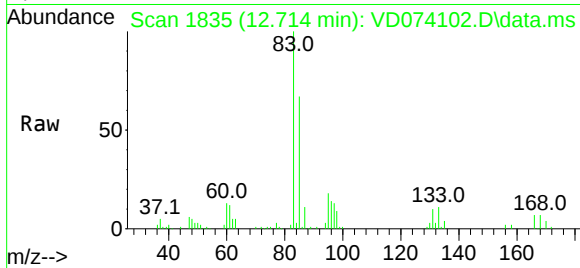




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.542 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

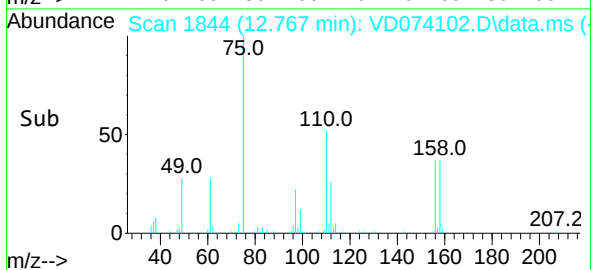
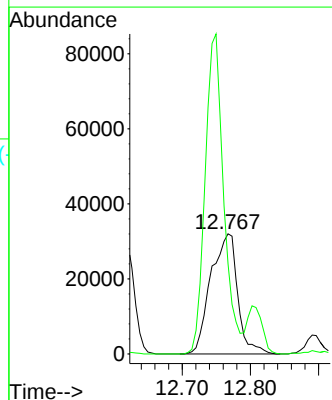
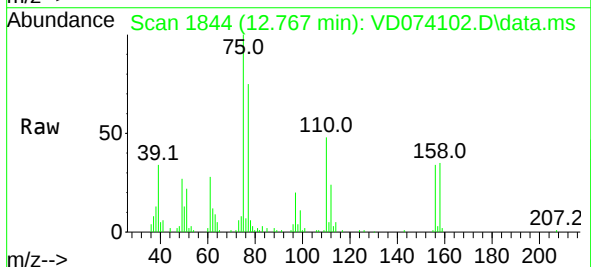
Instrument :
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 ClientSampleId :
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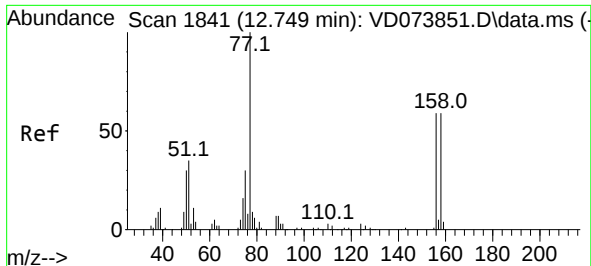
Tgt Ion: 83 Resp: 72256
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.0 14.9
 85 65.0 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 82.370 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD074102.D
 Acq: 16 Aug 2022 14:52

Tgt Ion: 75 Resp: 87760
 Ion Ratio Lower Upper
 75 100
 77 183.1 0.0 0.0#

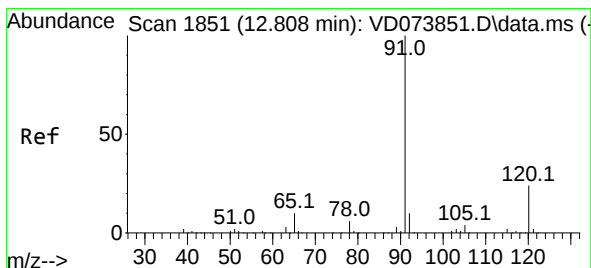
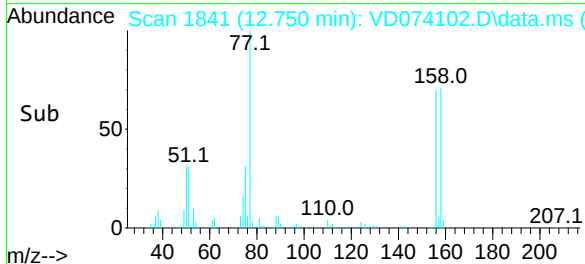
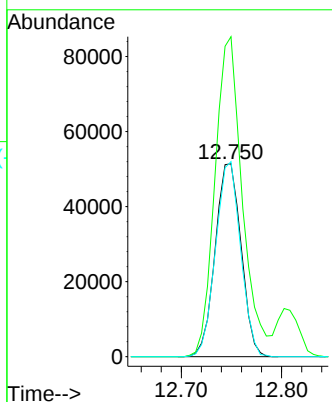
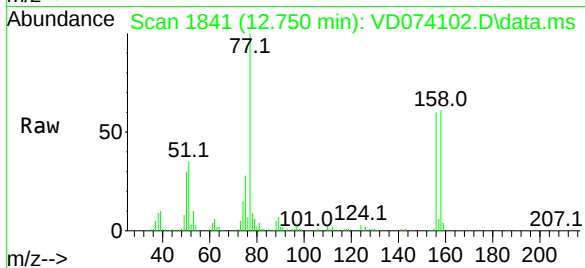




#77
Bromobenzene
Concen: 50.926 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.001 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

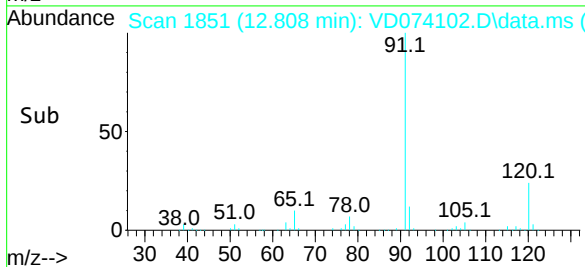
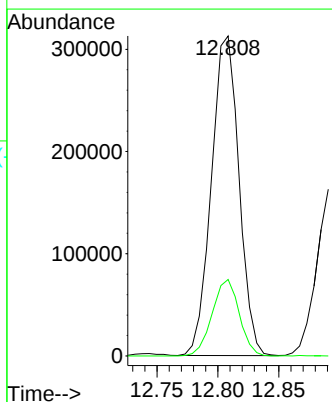
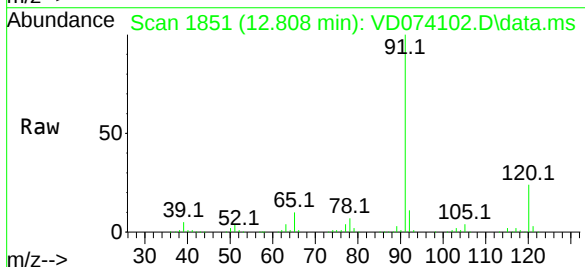
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

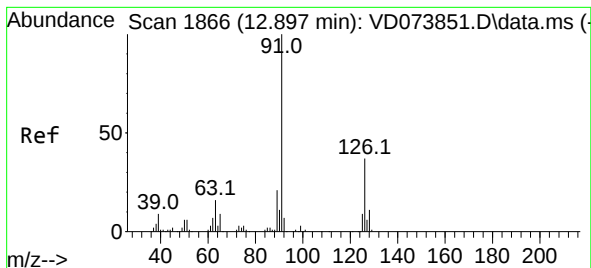
Tgt Ion:156 Resp: 92419
Ion Ratio Lower Upper
156 100
77 173.9 102.8 308.3
158 97.4 48.7 146.1



#78
n-propylbenzene
Concen: 53.018 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 91 Resp: 493466
Ion Ratio Lower Upper
91 100
120 23.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.024 ug/l

RT: 12.891 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

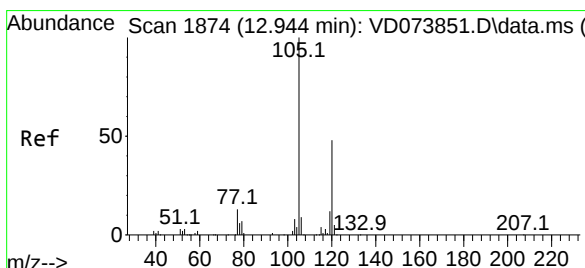
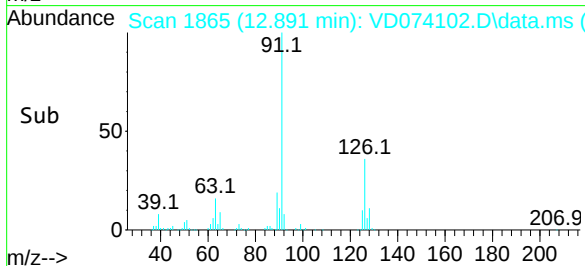
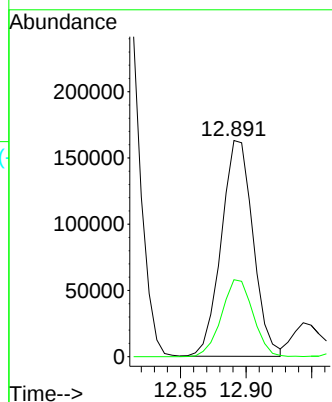
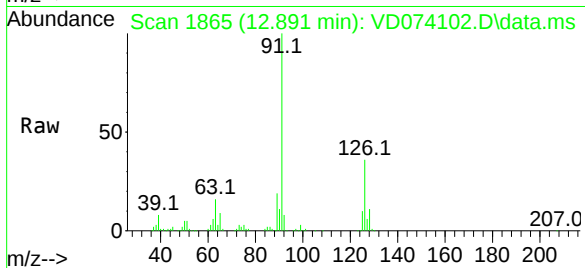
VSTDCCC050

Tgt Ion: 91 Resp: 275071

Ion Ratio Lower Upper

91 100

126 35.4 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 53.788 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VD074102.D

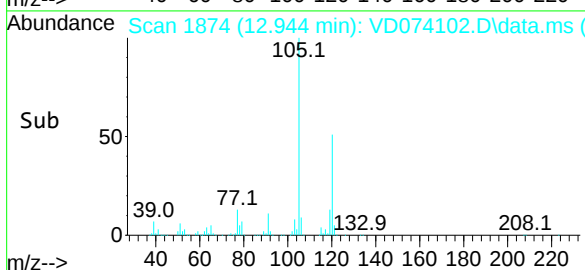
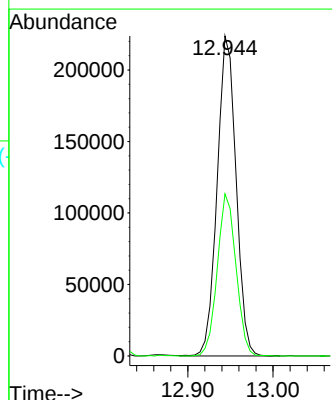
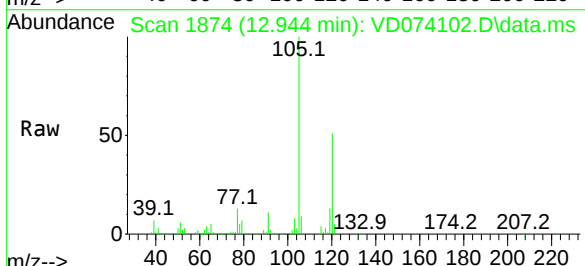
Acq: 16 Aug 2022 14:52

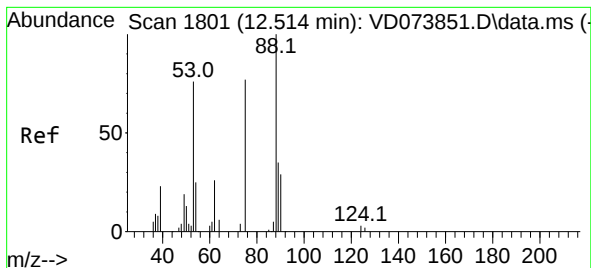
Tgt Ion:105 Resp: 345065

Ion Ratio Lower Upper

105 100

120 50.0 24.3 72.8

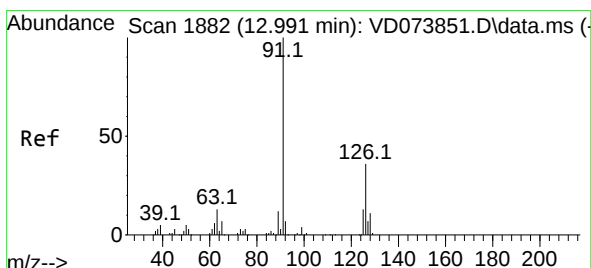
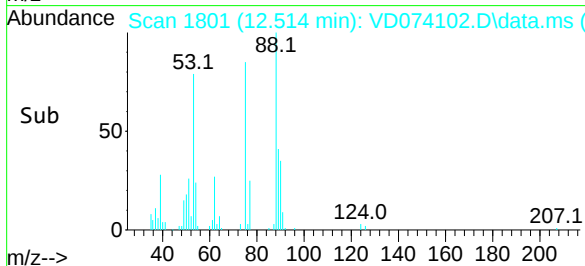
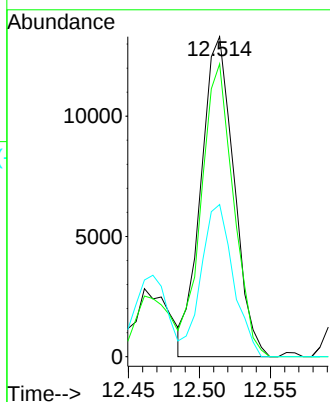
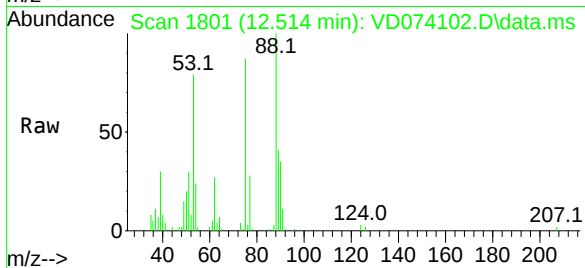




#81
trans-1,4-Dichloro-2-butene
Concen: 56.179 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

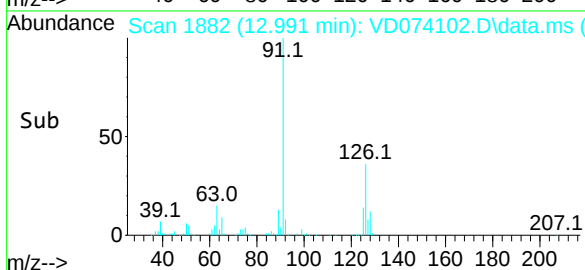
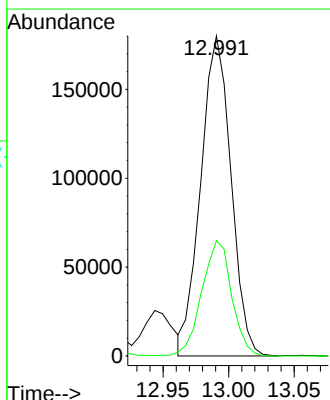
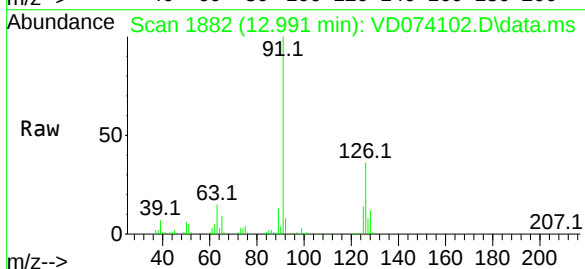
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

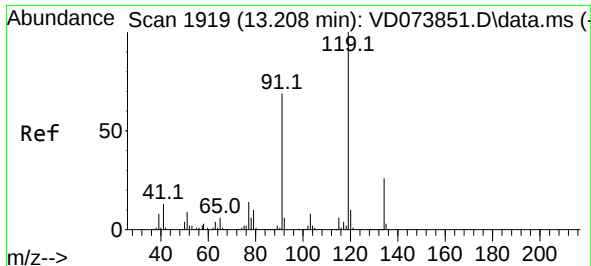
Tgt Ion: 75 Resp: 21462
Ion Ratio Lower Upper
75 100
53 89.2 86.5 129.7
89 46.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.585 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 91 Resp: 288972
Ion Ratio Lower Upper
91 100
126 35.6 16.5 49.5

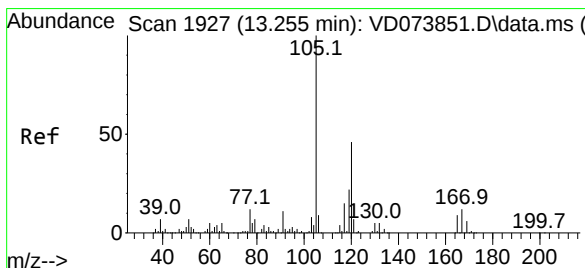
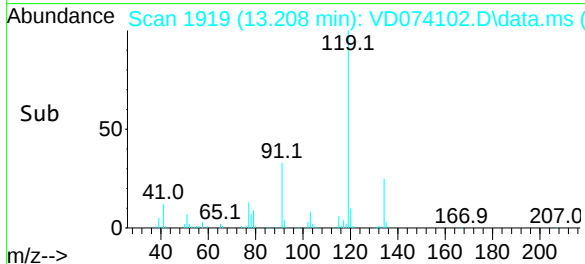
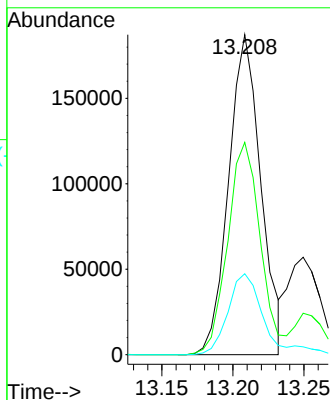
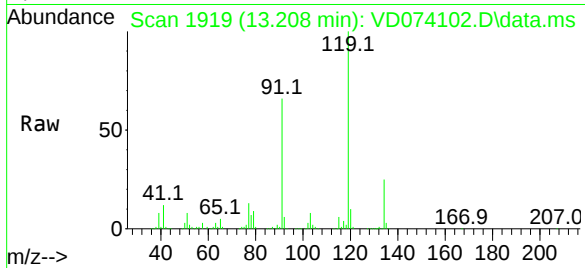




#83
tert-Butylbenzene
Concen: 52.141 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

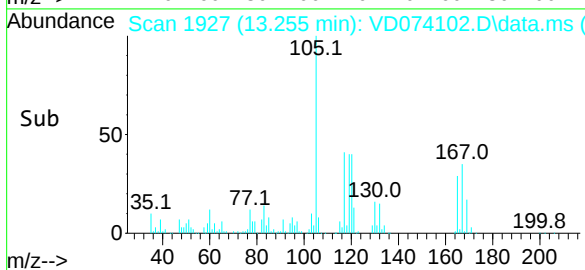
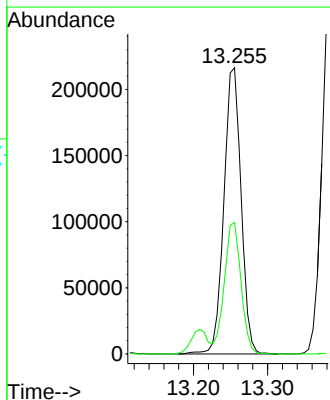
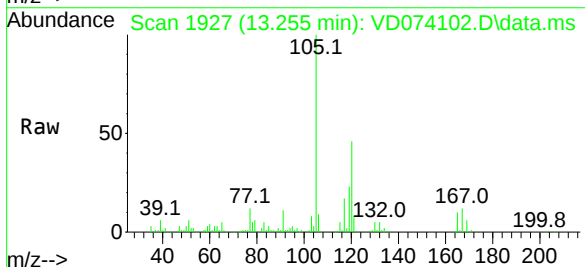
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

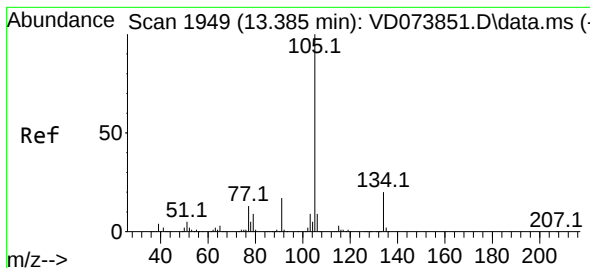
Tgt Ion:119 Resp: 296058
Ion Ratio Lower Upper
119 100
91 67.8 34.8 104.5
134 28.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.826 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:105 Resp: 348318
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.441 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

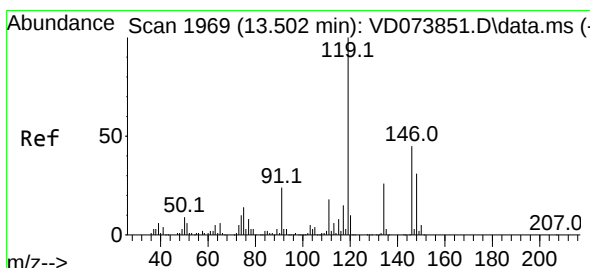
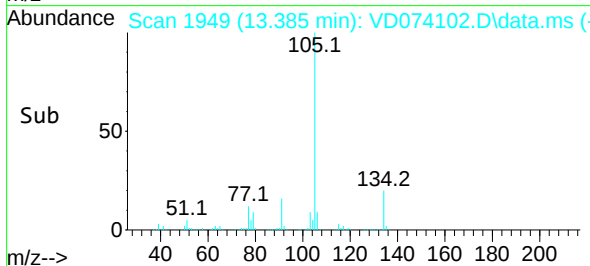
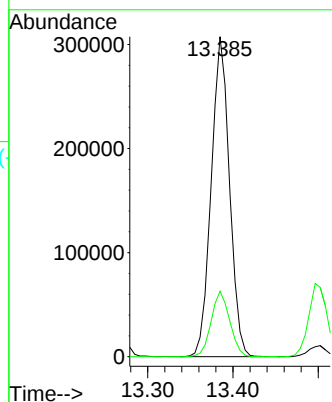
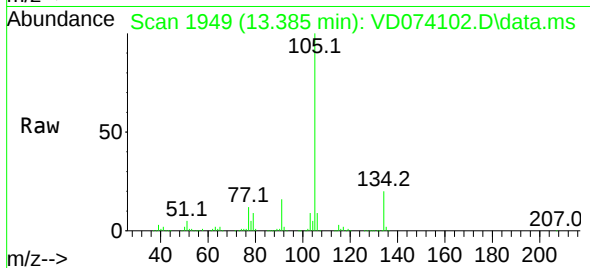
VSTDCCC050

Tgt Ion:105 Resp: 457454

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.535 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

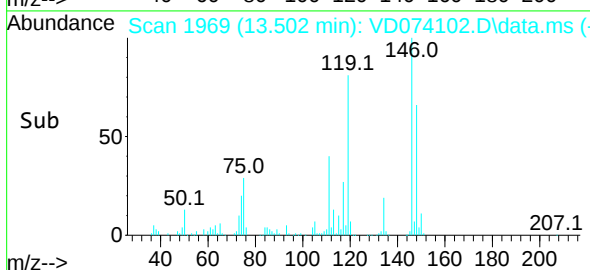
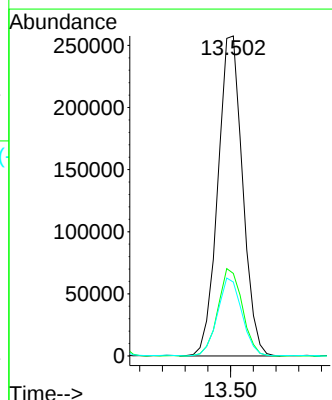
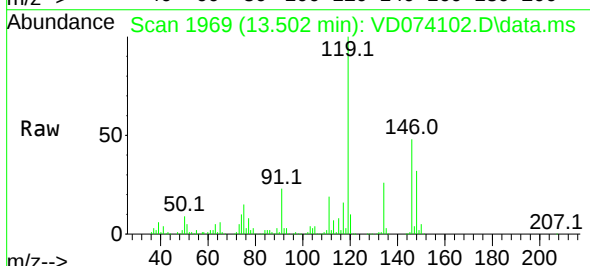
Tgt Ion:119 Resp: 389496

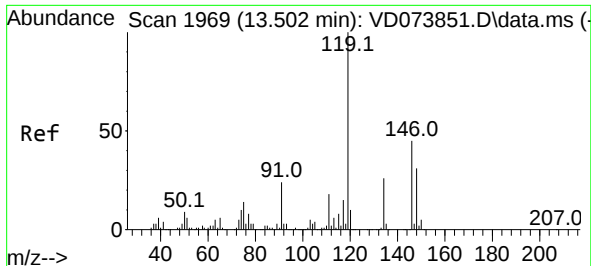
Ion Ratio Lower Upper

119 100

134 27.0 12.9 38.6

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.535 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

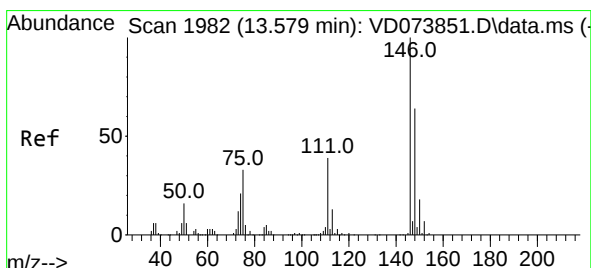
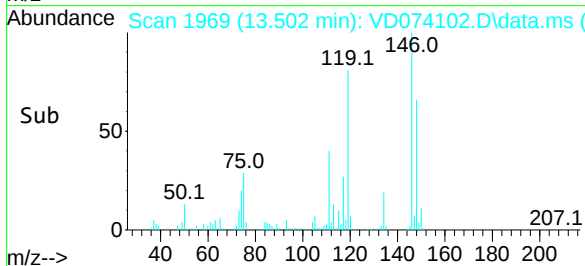
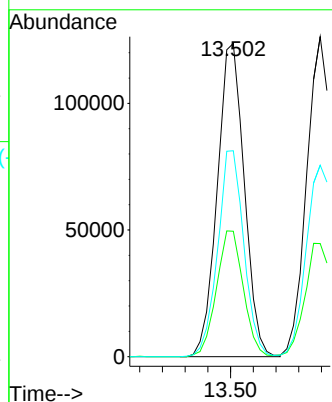
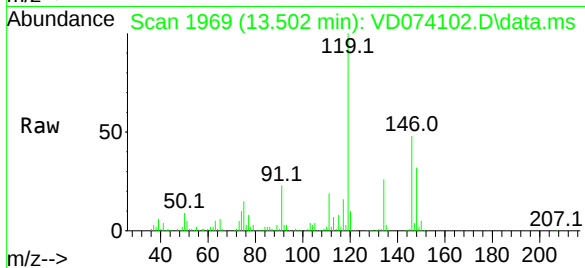
Tgt Ion:146 Resp: 204294

Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.3

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.974 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

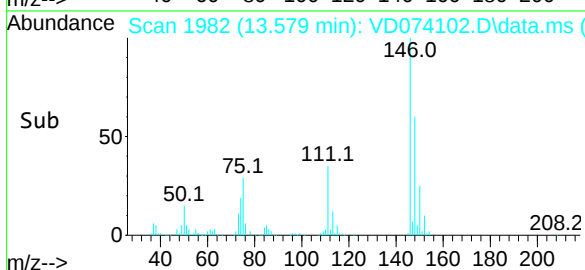
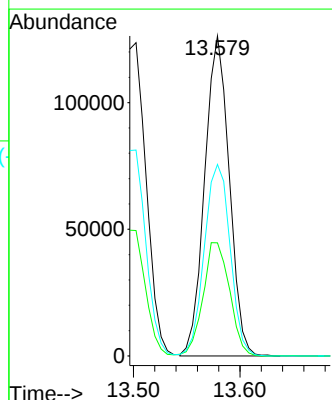
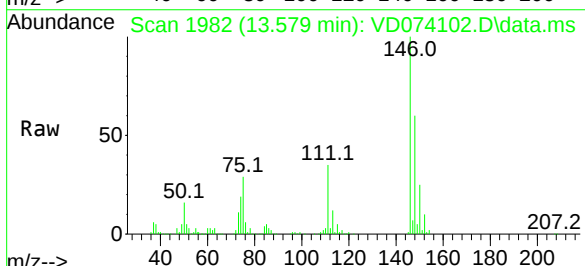
Tgt Ion:146 Resp: 202432

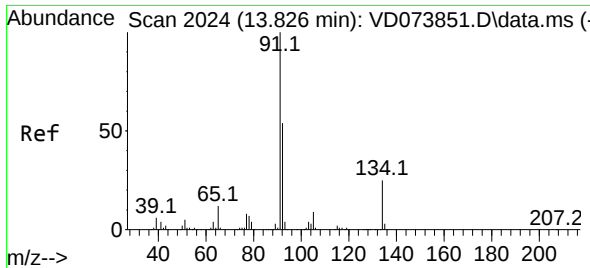
Ion Ratio Lower Upper

146 100

111 38.2 20.3 60.9

148 63.0 31.7 95.1

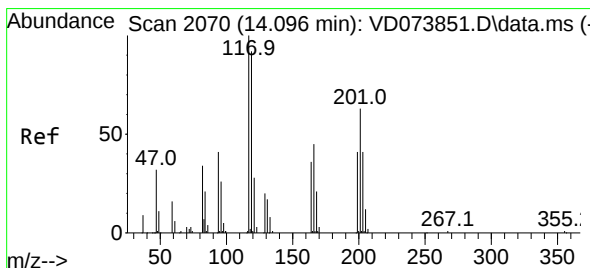
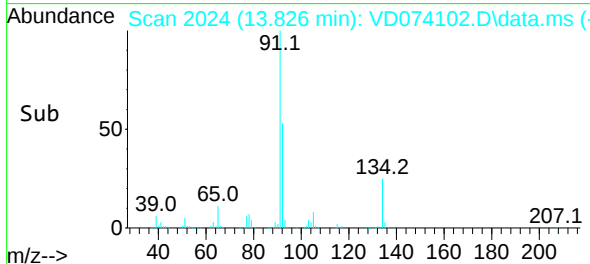
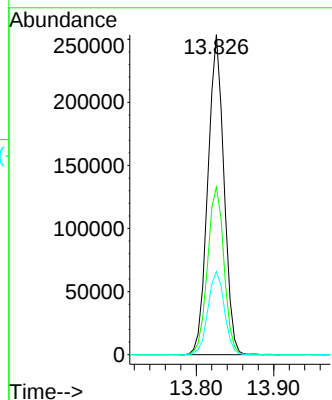
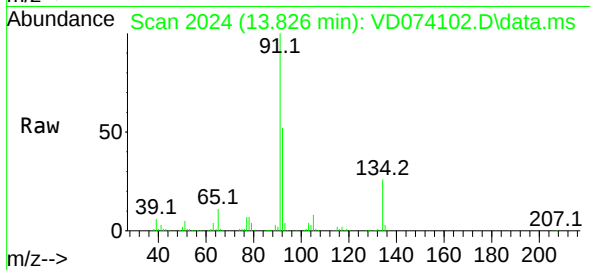




#89
n-Butylbenzene
Concen: 52.449 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

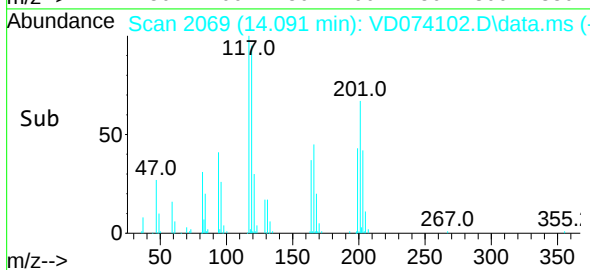
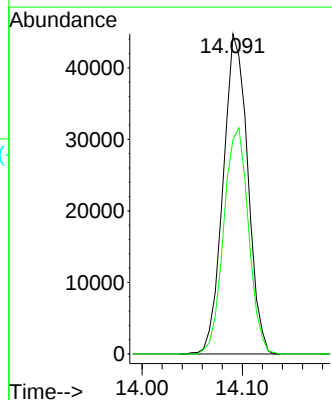
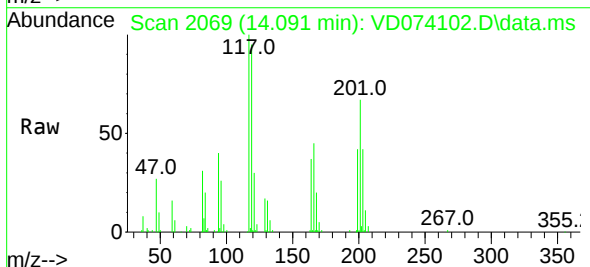
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

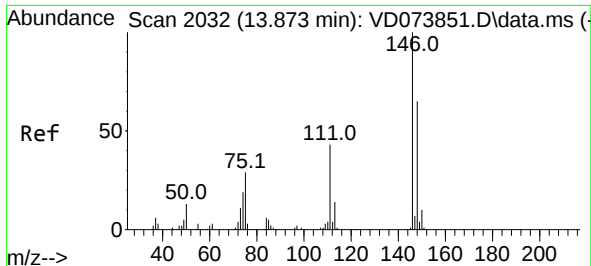
Tgt Ion: 91 Resp: 365572
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 26.4 12.3 36.9



#90
Hexachloroethane
Concen: 49.892 ug/l
RT: 14.091 min Scan# 2069
Delta R.T. -0.005 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 117 Resp: 76052
Ion Ratio Lower Upper
117 100
201 71.2 33.4 100.2

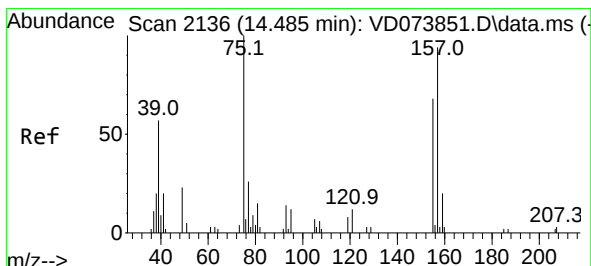
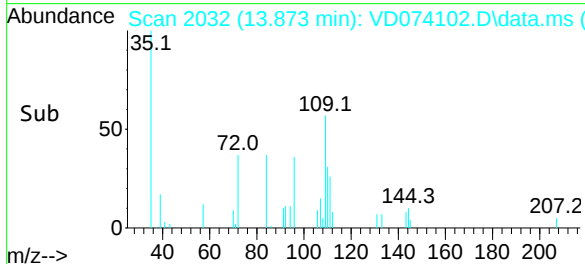
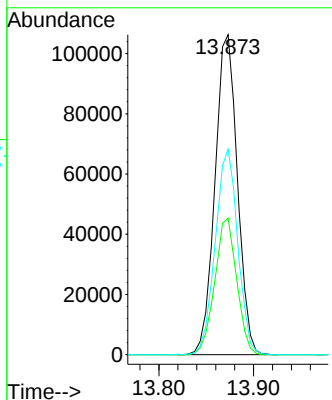
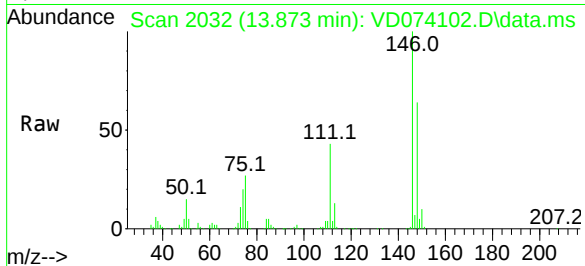




#91
1,2-Dichlorobenzene
Concen: 49.364 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

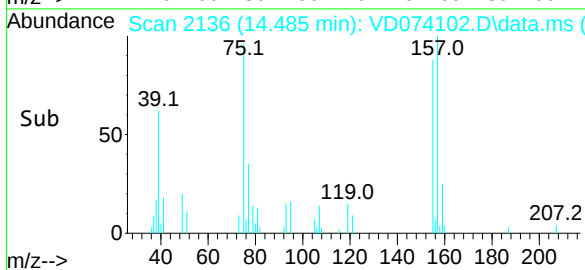
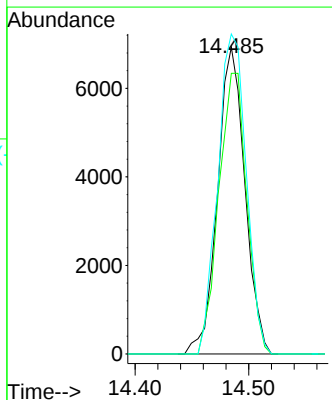
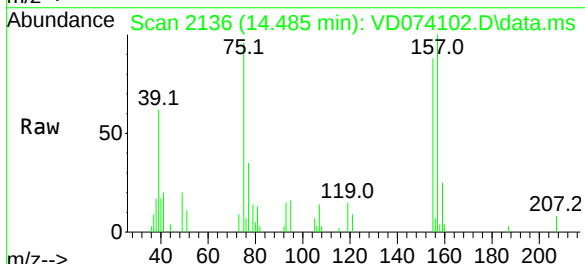
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

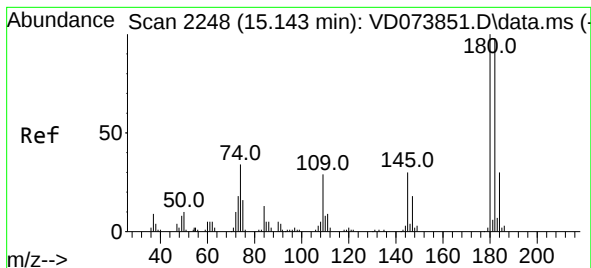
Tgt Ion:146 Resp: 174768
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 64.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.817 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion: 75 Resp: 11596
Ion Ratio Lower Upper
75 100
155 93.7 36.8 110.3
157 108.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 45.293 ug/l

RT: 15.138 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

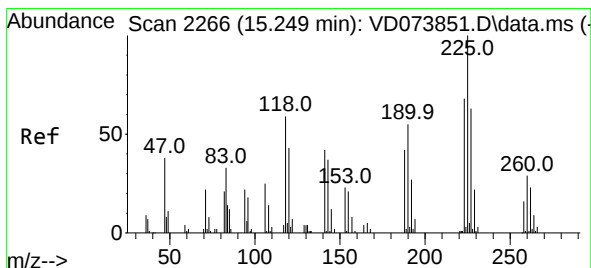
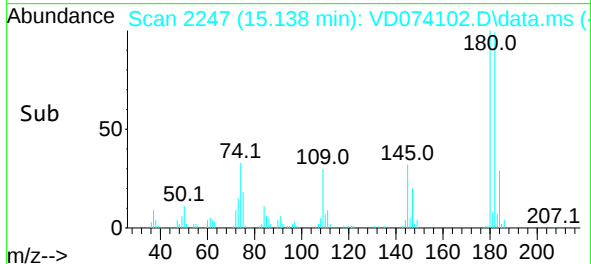
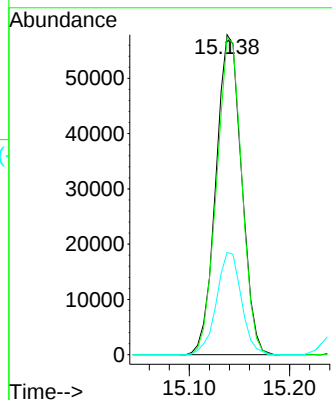
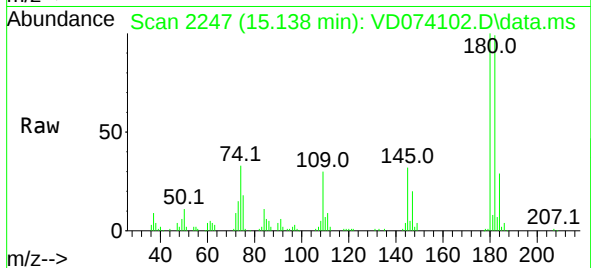
Tgt Ion:180 Resp: 102922

Ion Ratio Lower Upper

180 100

182 96.8 47.3 142.0

145 30.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 43.329 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD074102.D

Acq: 16 Aug 2022 14:52

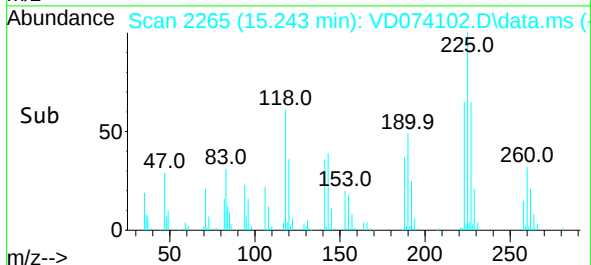
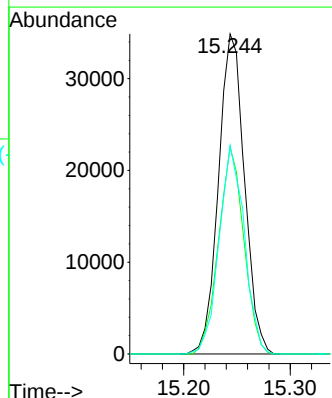
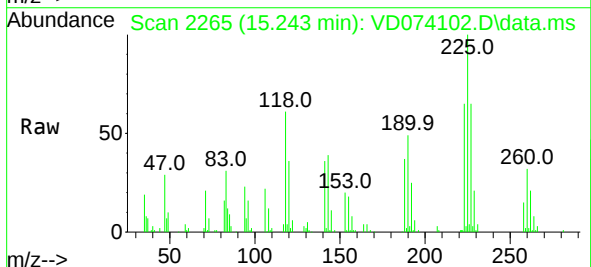
Tgt Ion:225 Resp: 58988

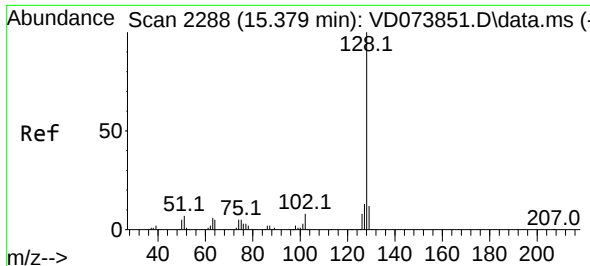
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 63.3 32.4 97.0

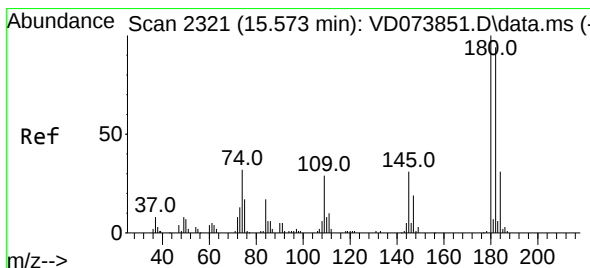
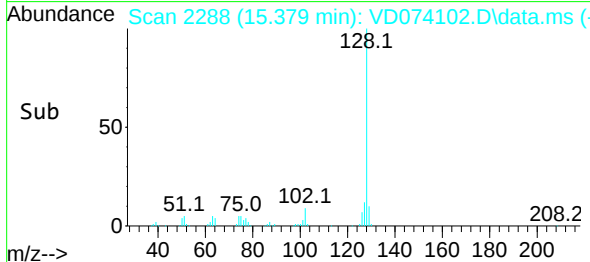
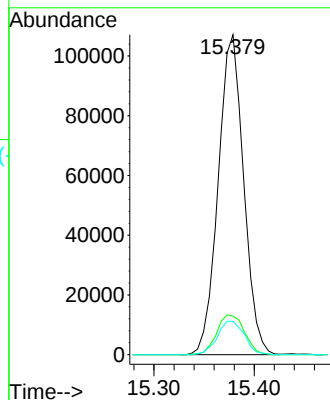
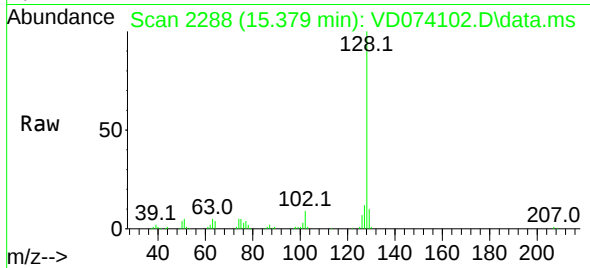




#95
Naphthalene
Concen: 49.204 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 188260
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 46.853 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD074102.D
Acq: 16 Aug 2022 14:52

Tgt Ion:180 Resp: 94129
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.9
145 33.5 17.1 51.3

