

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074574.D
 Acq On : 19 Oct 2022 11:51
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 20 06:19:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	94560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	128102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16002	22.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	44.340%#
35) Dibromofluoromethane	7.810	113	25602	25.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.700%#
50) Toluene-d8	10.269	98	60015	18.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	37.080%#
62) 4-Bromofluorobenzene	12.575	95	33776	31.547	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14847	20.228	ug/l	96
3) Chloromethane	2.146	50	21990	22.132	ug/l	91
4) Vinyl Chloride	2.281	62	21719	19.767	ug/l	95
5) Bromomethane	2.675	94	16430	19.746	ug/l	92
6) Chloroethane	2.834	64	15932	21.090	ug/l	98
7) Trichlorofluoromethane	3.175	101	31131	19.988	ug/l	97
8) Diethyl Ether	3.587	74	8751	19.402	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	20579	22.101	ug/l	98
10) Methyl Iodide	4.163	142	21284	18.598	ug/l	97
11) Tert butyl alcohol	5.040	59	11600	95.442	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	20958	20.862	ug/l	83
13) Acrolein	3.799	56	7947	102.778	ug/l	97
14) Allyl chloride	4.563	41	22520	20.758	ug/l	98
15) Acrylonitrile	5.246	53	18806	102.018	ug/l	97
16) Acetone	4.022	43	15141	96.042	ug/l	98
17) Carbon Disulfide	4.269	76	56709	20.629	ug/l	98
18) Methyl Acetate	4.563	43	9852	20.665	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	39897	20.324	ug/l	95
20) Methylene Chloride	4.805	84	32484	19.475	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	22904	20.452	ug/l	87
22) Diisopropyl ether	6.216	45	47337	21.623	ug/l	99
23) Vinyl Acetate	6.157	43	91077	103.336	ug/l	100
24) 1,1-Dichloroethane	6.116	63	34644	20.390	ug/l	99
25) 2-Butanone	7.087	43	20428	96.902	ug/l	94
26) 2,2-Dichloropropane	7.081	77	33034	20.342	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	25785	20.759	ug/l	98
28) Bromochloromethane	7.428	49	5426	13.122	ug/l #	95
29) Tetrahydrofuran	7.446	42	11999	104.357	ug/l	95
30) Chloroform	7.593	83	37369	20.440	ug/l	96
31) Cyclohexane	7.881	56	31293	21.578	ug/l	97
32) 1,1,1-Trichloroethane	7.799	97	34599	20.637	ug/l	98
36) 1,1-Dichloropropene	8.010	75	28728	19.776	ug/l	99
37) Ethyl Acetate	7.169	43	9109	19.874	ug/l #	79
38) Carbon Tetrachloride	7.993	117	27499	19.331	ug/l	93
39) Methylcyclohexane	9.275	83	33552	19.330	ug/l	94
40) Benzene	8.251	78	85306	19.786	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	4645	16.283	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	20037	20.140	ug/l	100
43) Isopropyl Acetate	8.357	43	17237	20.236	ug/l	98
44) Trichloroethene	9.028	130	24805	19.639	ug/l	94
45) 1,2-Dichloropropane	9.304	63	19539	20.651	ug/l	95
46) Dibromomethane	9.393	93	11453	20.977	ug/l	94
47) Bromodichloromethane	9.587	83	27058	20.030	ug/l	95
48) Methyl methacrylate	9.381	41	8165	20.975	ug/l	95
49) 1,4-Dioxane	9.381	88	2364	439.936	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	42406	100.090	ug/l	97
52) Toluene	10.334	92	50363	18.942	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	21222	17.868	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	29838	19.925	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	13905	18.537	ug/l	96
56) Ethyl methacrylate	10.598	69	14392	17.551	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	22061	18.129	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	10922	60.090	ug/l	98
59) 2-Hexanone	10.922	43	25957	89.760	ug/l	99
60) Dibromochloromethane	11.075	129	16762	18.538	ug/l	99
61) 1,2-Dibromoethane	11.181	107	12565	18.350	ug/l	98
64) Tetrachloroethene	10.810	164	19470	20.562	ug/l	94
65) Chlorobenzene	11.604	112	54080	20.042	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	18787	20.265	ug/l	99
67) Ethyl Benzene	11.681	91	94110	20.029	ug/l	97
68) m/p-Xylenes	11.792	106	75870	40.611	ug/l	100
69) o-Xylene	12.122	106	35520	20.429	ug/l	96
70) Styrene	12.134	104	60620	20.702	ug/l	98
71) Bromoform	12.298	173	9569	19.660	ug/l #	99
73) Isopropylbenzene	12.422	105	94106	19.972	ug/l	100
74) N-amyl acetate	12.228	43	13967	20.054	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	15469	20.738	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	17947	36.095	ug/l #	1
77) Bromobenzene	12.698	156	21470	20.189	ug/l	98
78) n-propylbenzene	12.763	91	112687	20.236	ug/l	99
79) 2-Chlorotoluene	12.851	91	60530	20.065	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	78456	20.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3863	18.713	ug/l	93
82) 4-Chlorotoluene	12.945	91	63891	20.614	ug/l	100
83) tert-Butylbenzene	13.163	119	67951	19.914	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	76890	20.428	ug/l	98
85) sec-Butylbenzene	13.345	105	103285	20.171	ug/l	99
86) p-Isopropyltoluene	13.457	119	83517	19.469	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	44175	19.989	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	43316	20.022	ug/l	97
89) n-Butylbenzene	13.786	91	77751	19.895	ug/l	98
90) Hexachloroethane	14.051	117	14877	19.925	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	37097	20.124	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1923	18.641	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	24532	20.173	ug/l	97
94) Hexachlorobutadiene	15.204	225	12606	18.843	ug/l	99
95) Naphthalene	15.333	128	43804	19.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21021	20.165	ug/l	99

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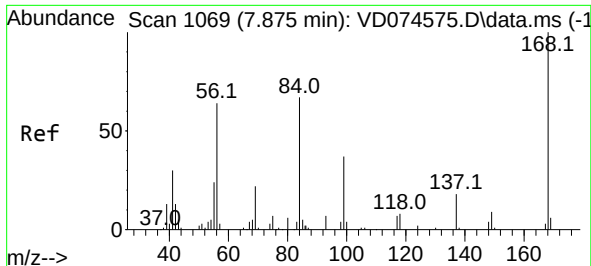
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QLast Update : Thu Oct 20 06:16:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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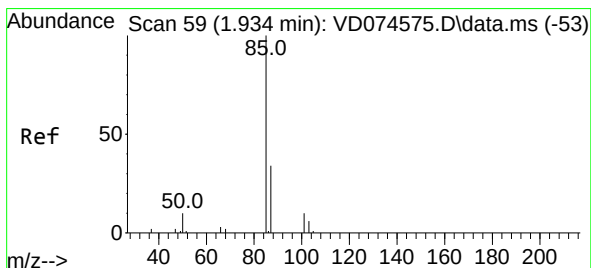
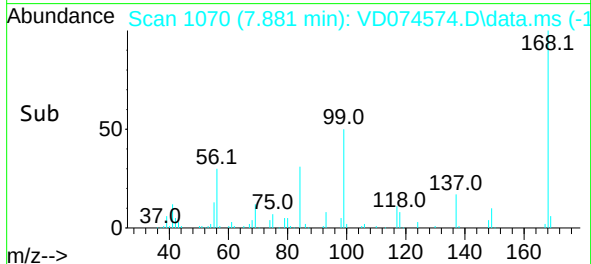
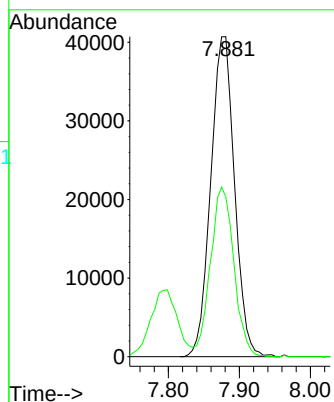
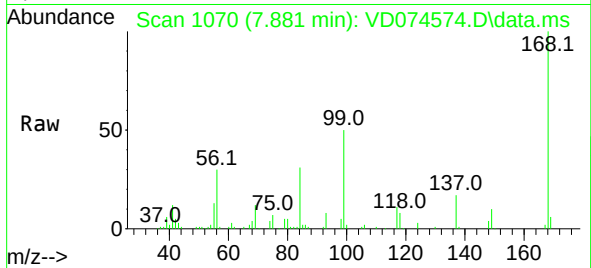




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074574.D
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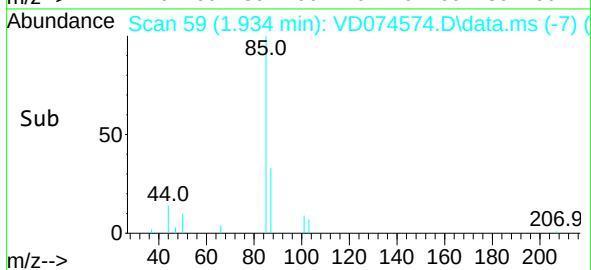
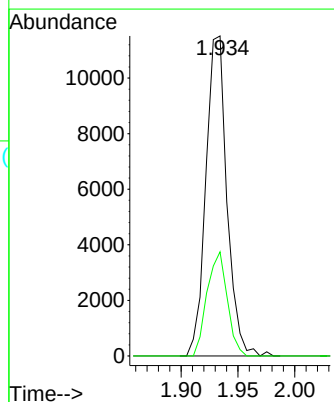
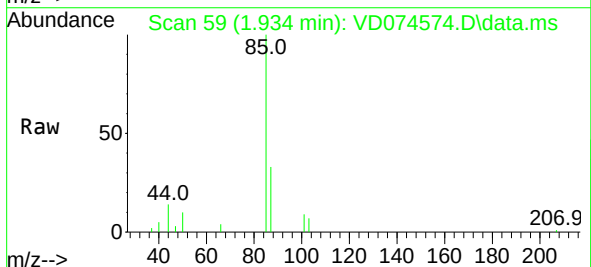
Instrument :
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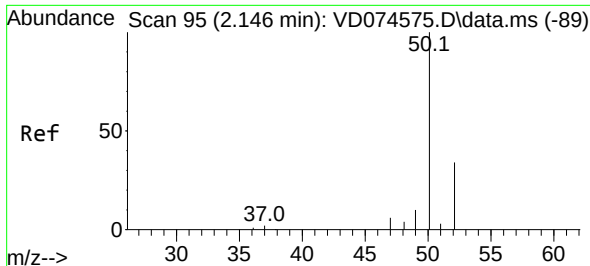
Tgt Ion:168 Resp: 94560
Ion Ratio Lower Upper
168 100
99 49.9 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 20.228 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 85 Resp: 14847
Ion Ratio Lower Upper
85 100
87 32.6 17.5 52.6

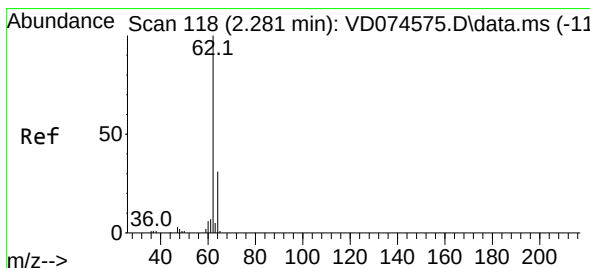
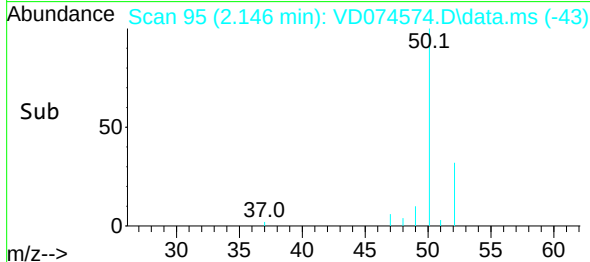
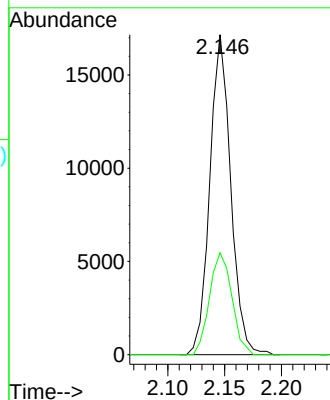
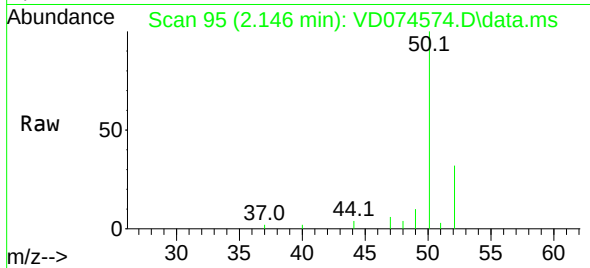




#3
Chloromethane
Concen: 22.132 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

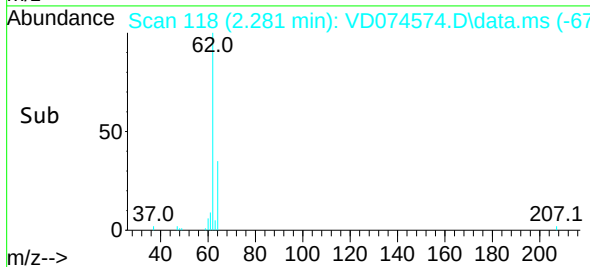
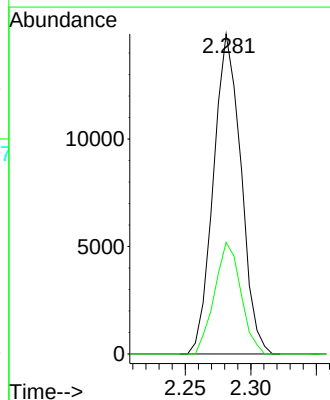
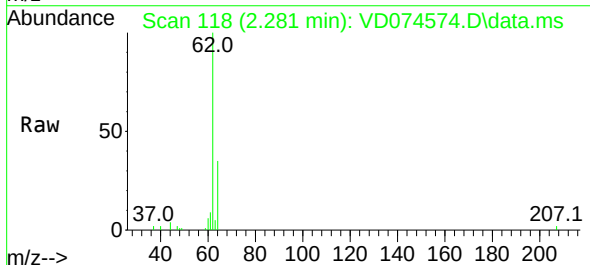
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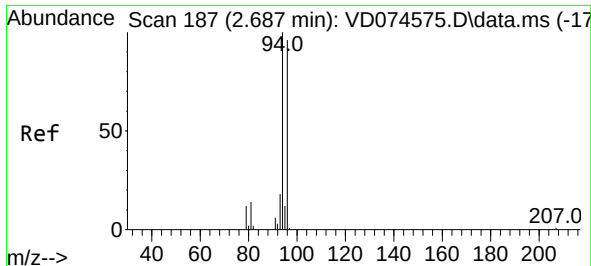
Tgt Ion: 50 Resp: 21990
Ion Ratio Lower Upper
50 100
52 31.8 30.0 45.0



#4
Vinyl Chloride
Concen: 19.767 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 62 Resp: 21719
Ion Ratio Lower Upper
62 100
64 34.9 25.5 38.3

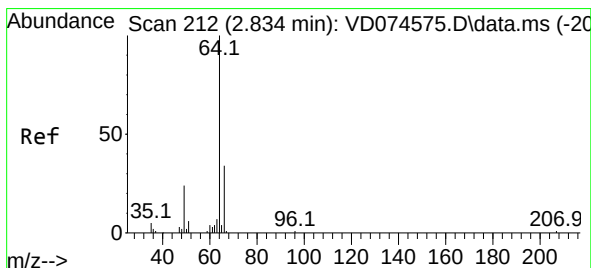
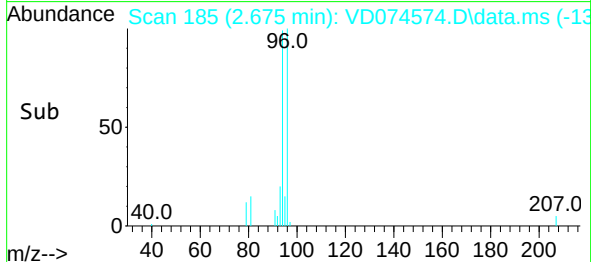
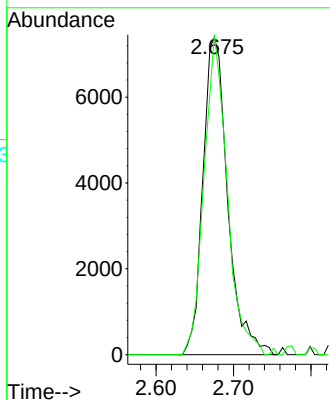
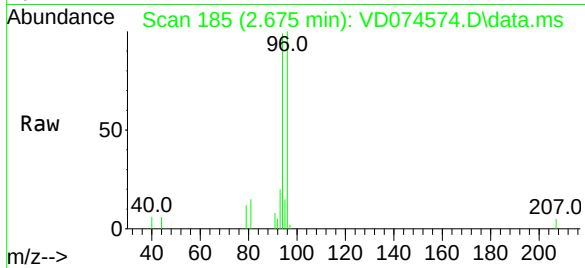




#5
Bromomethane
Concen: 19.746 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

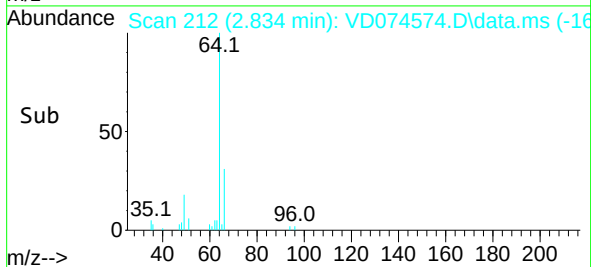
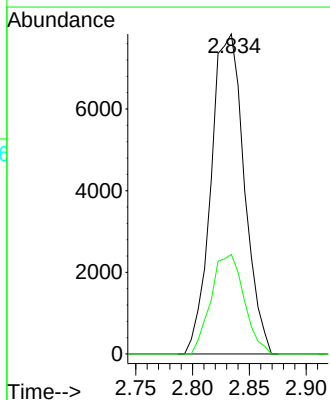
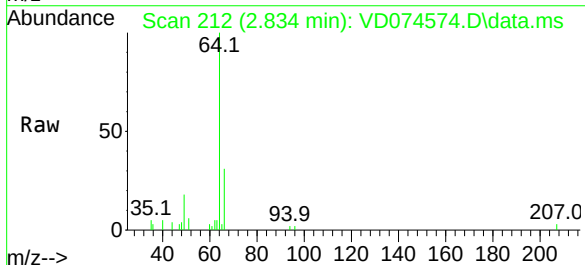
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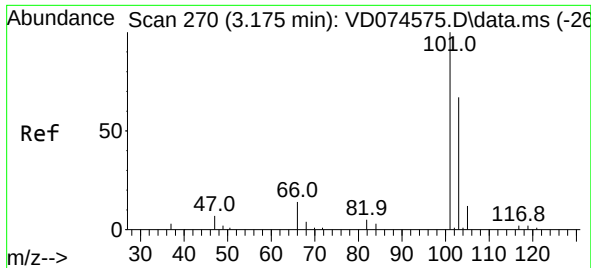
Tgt Ion: 94 Resp: 16430
Ion Ratio Lower Upper
94 100
96 100.8 74.6 112.0



#6
Chloroethane
Concen: 21.090 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 64 Resp: 15932
Ion Ratio Lower Upper
64 100
66 31.1 25.8 38.8

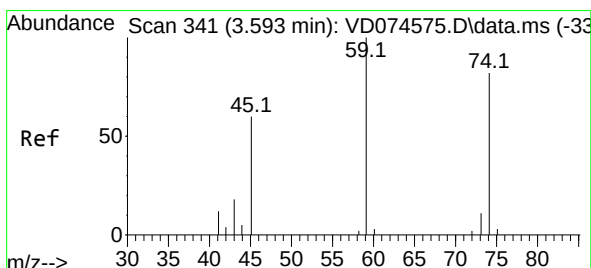
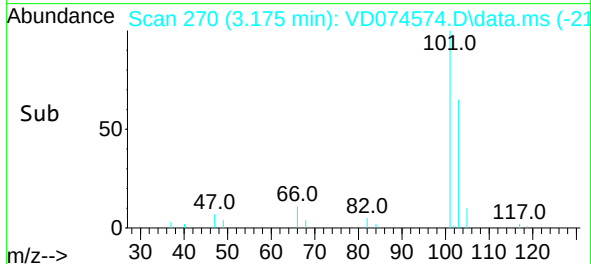
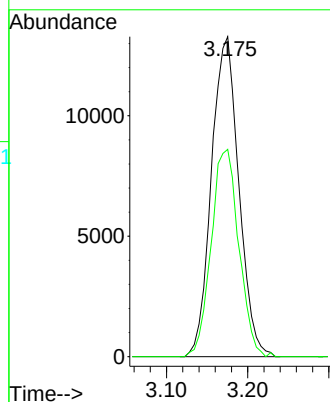
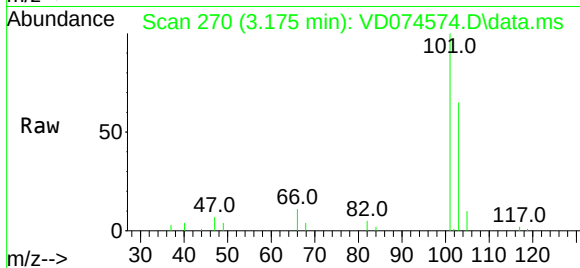




#7
Trichlorofluoromethane
Concen: 19.988 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074574.D
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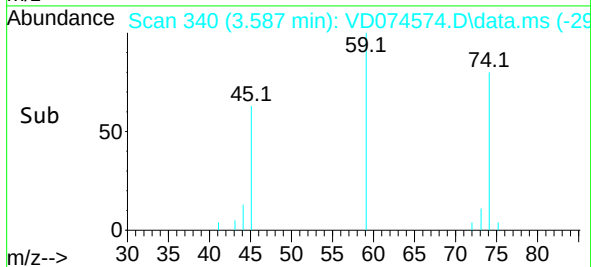
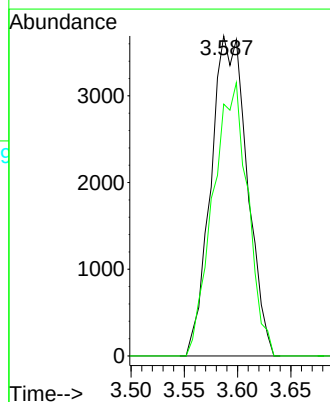
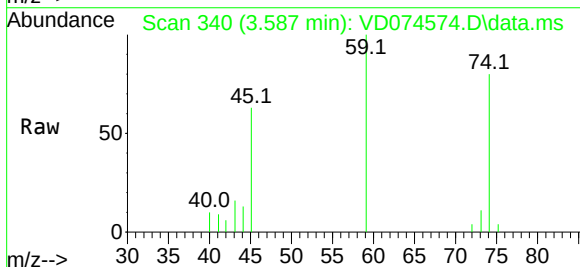
Instrument :
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VSTDIC020

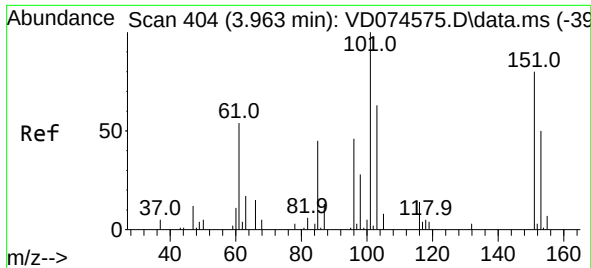
Tgt Ion:101 Resp: 31131
Ion Ratio Lower Upper
101 100
103 64.8 49.8 74.8



#8
Diethyl Ether
Concen: 19.402 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 74 Resp: 8751
Ion Ratio Lower Upper
74 100
45 82.1 37.9 113.6

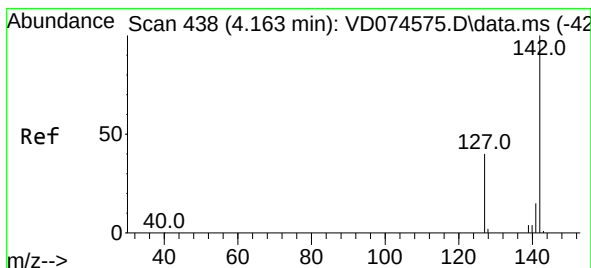
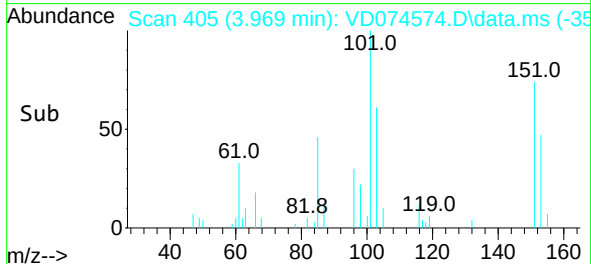
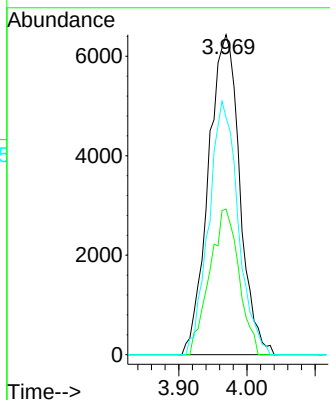
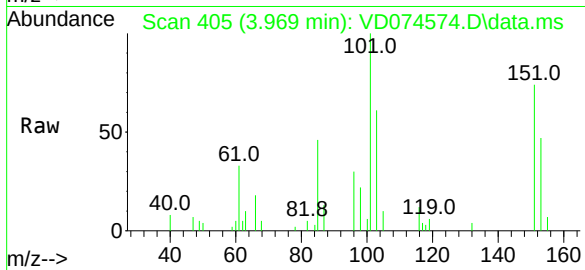




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.101 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
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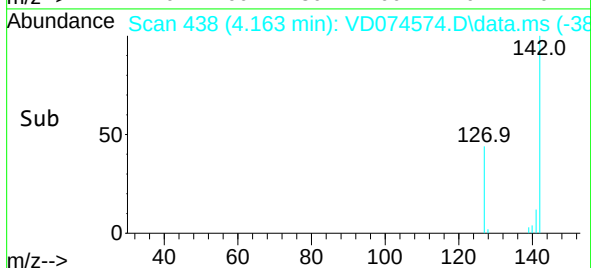
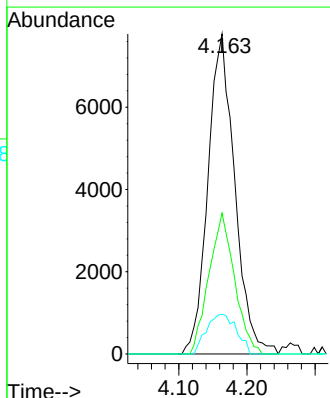
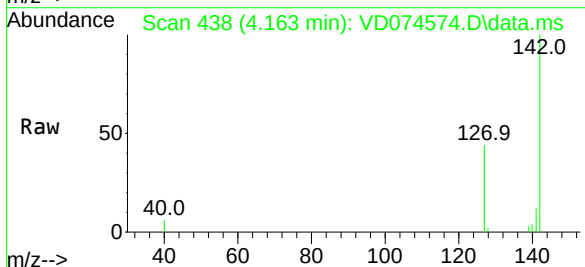
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

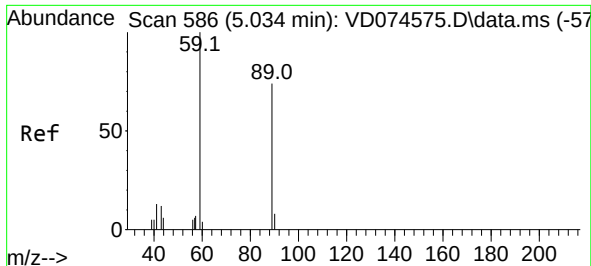
Tgt Ion:101 Resp: 20579
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.1 51.1
 151 74.3 61.7 92.5



#10
 Methyl Iodide
 Concen: 18.598 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. 0.005 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

Tgt Ion:142 Resp: 21284
 Ion Ratio Lower Upper
 142 100
 127 42.1 31.9 47.9
 141 13.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 95.442 ug/l

RT: 5.040 min Scan# 51

Delta R.T. -0.012 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

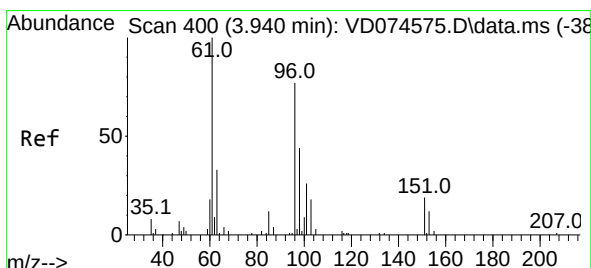
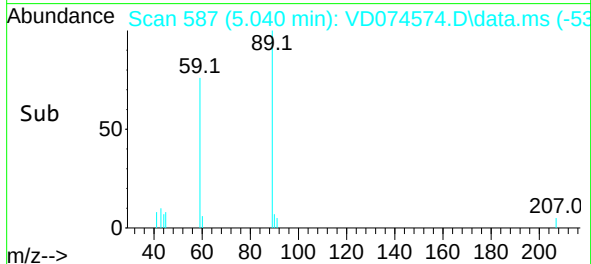
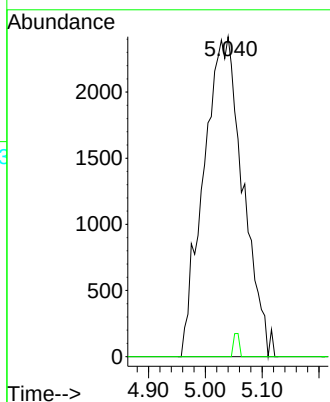
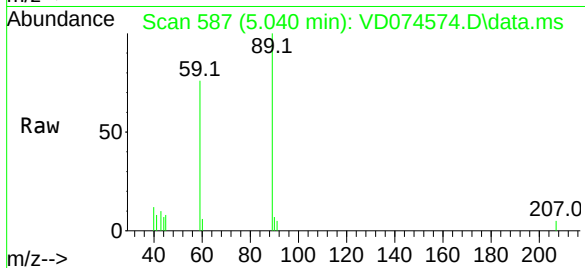
VSTDICC020

Tgt Ion: 59 Resp: 11600

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 20.862 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

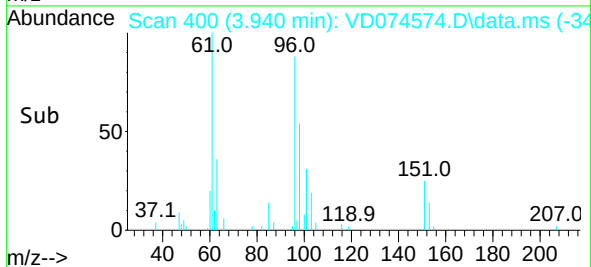
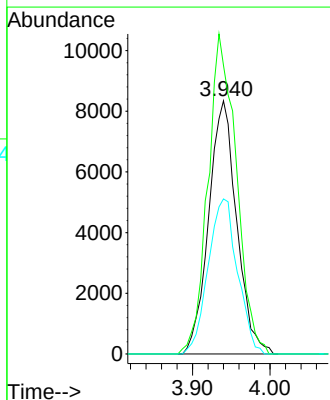
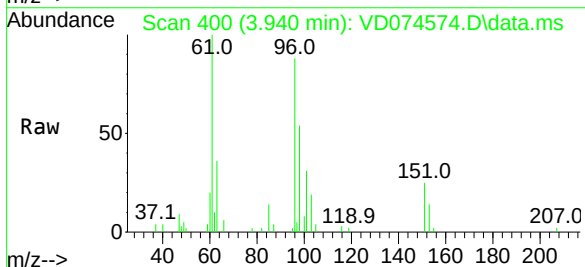
Tgt Ion: 96 Resp: 20958

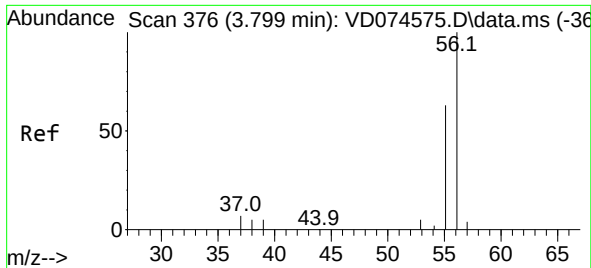
Ion Ratio Lower Upper

96 100

61 114.0 113.9 170.9

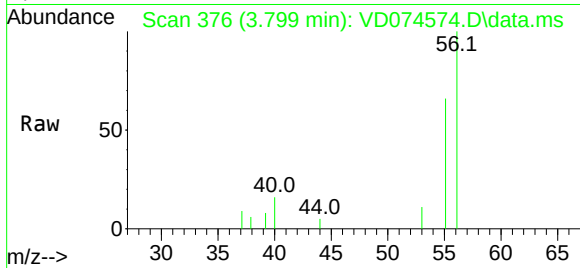
98 61.2 51.8 77.8



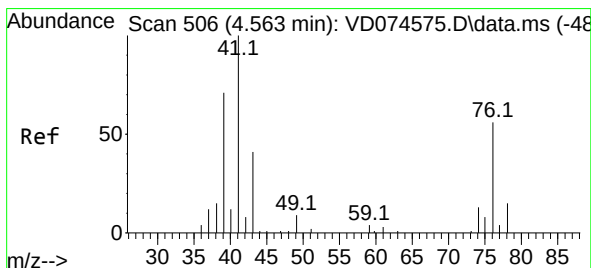
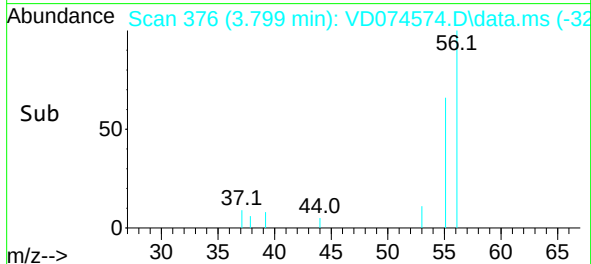
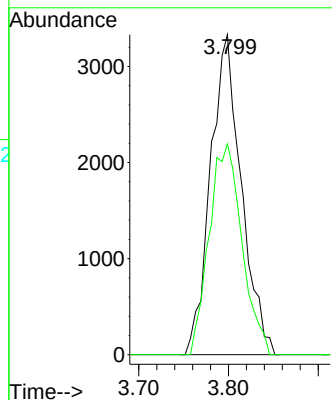


#13
Acrolein
Concen: 102.778 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

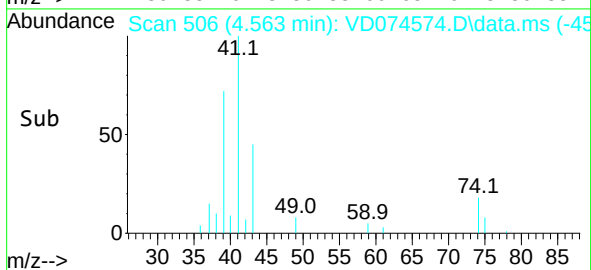
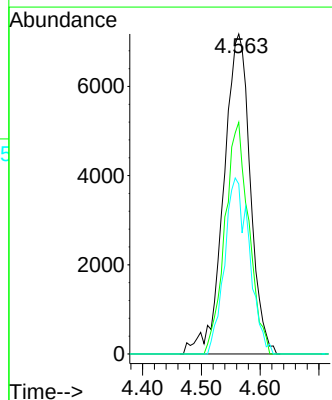
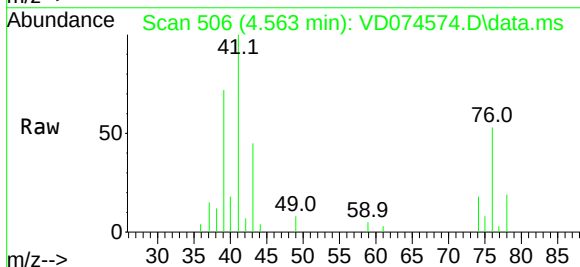


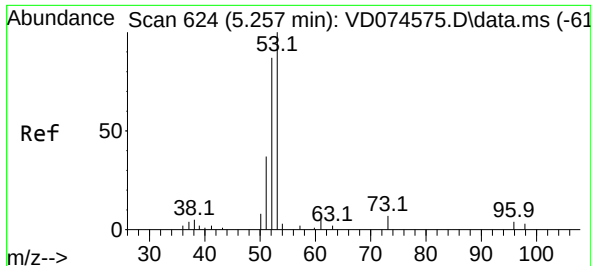
Tgt Ion: 56 Resp: 7947
Ion Ratio Lower Upper
56 100
55 69.8 54.0 81.0



#14
Allyl chloride
Concen: 20.758 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.011 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 41 Resp: 22520
Ion Ratio Lower Upper
41 100
39 65.2 53.4 80.2
76 51.4 42.4 63.6

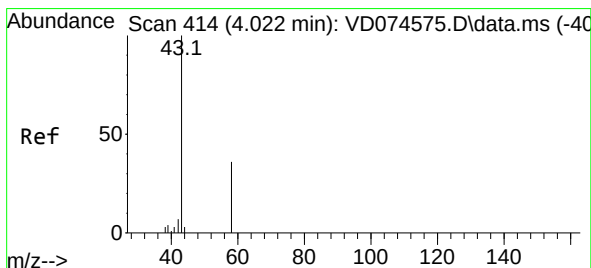
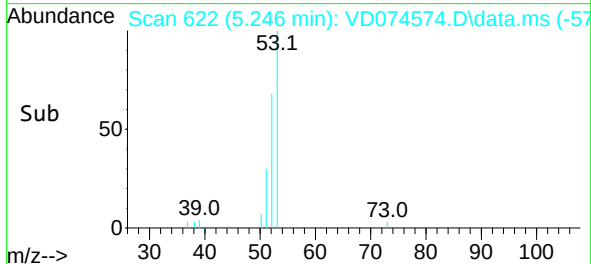
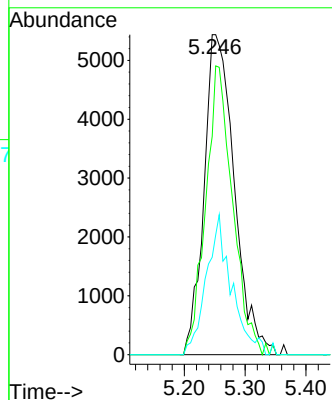
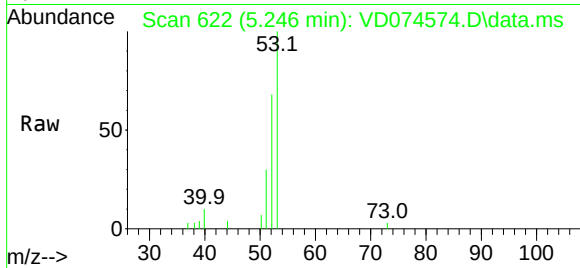




#15
Acrylonitrile
Concen: 102.018 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

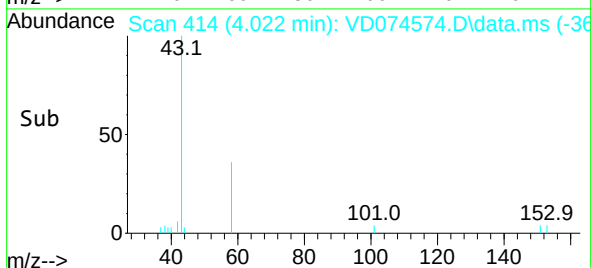
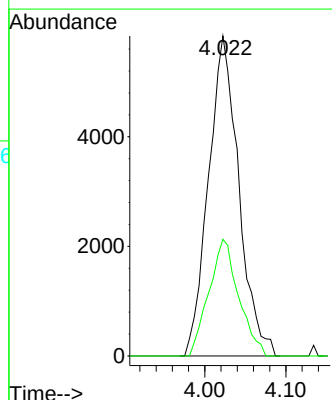
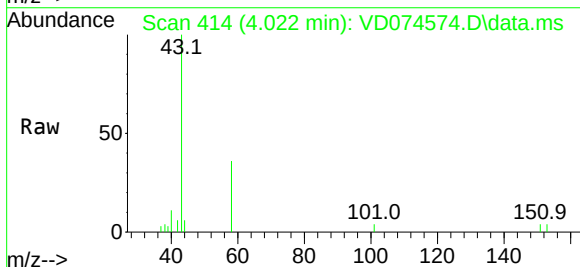
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

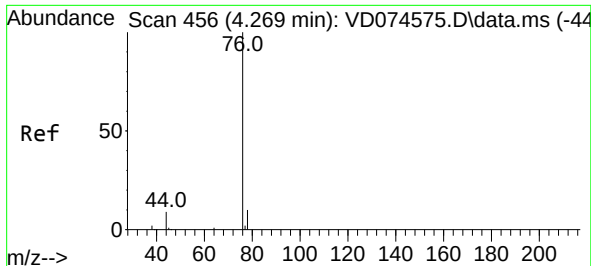
Tgt Ion:	53	Resp:	18806
Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.0	99.0
51	36.6	28.3	42.5



#16
Acetone
Concen: 96.042 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:	43	Resp:	15141
Ion	Ratio	Lower	Upper
43	100		
58	36.4	30.2	45.2

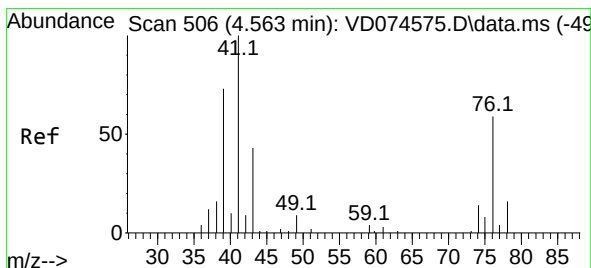
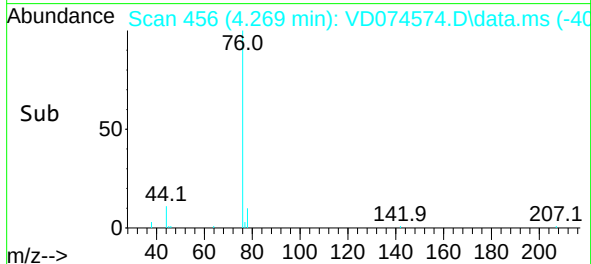
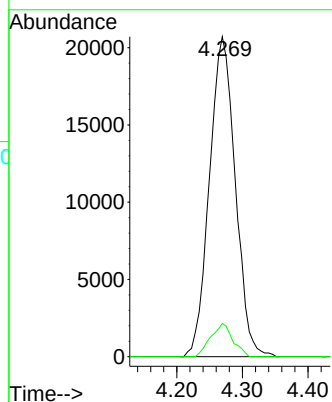
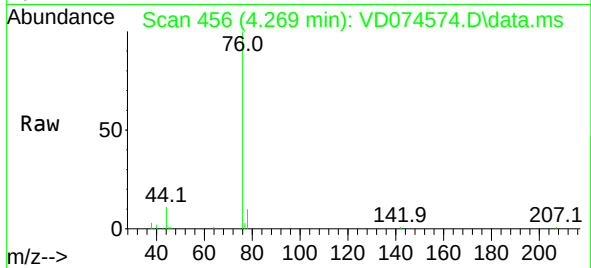




#17
Carbon Disulfide
Concen: 20.629 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

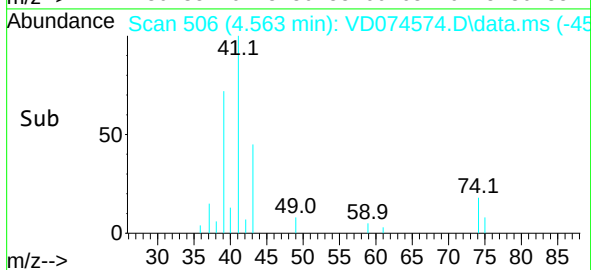
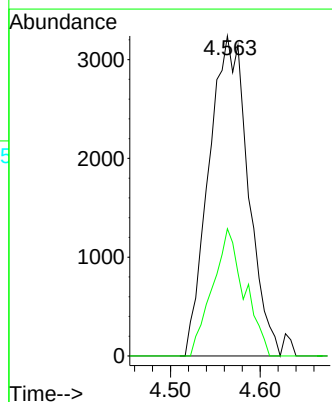
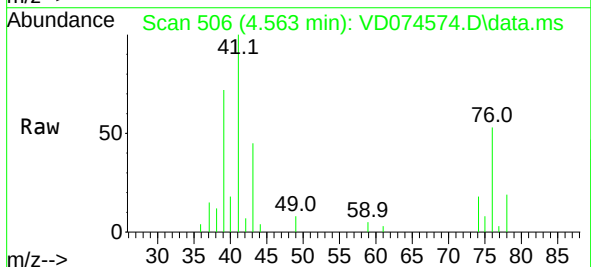
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

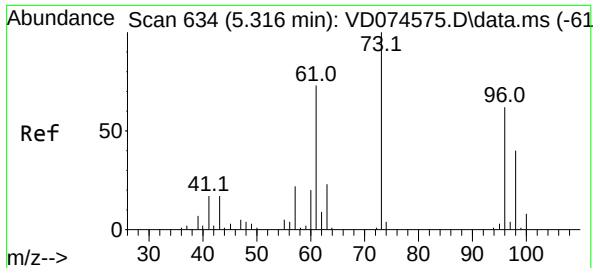
Tgt Ion: 76 Resp: 56709
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.8



#18
Methyl Acetate
Concen: 20.665 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 43 Resp: 9852
Ion Ratio Lower Upper
43 100
74 32.3 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.324 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

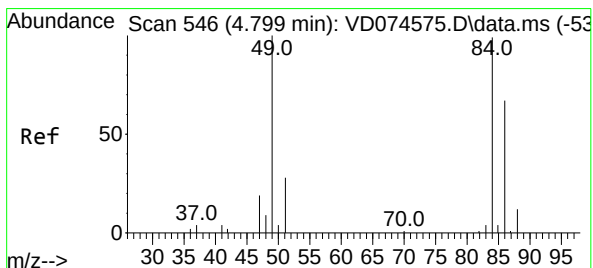
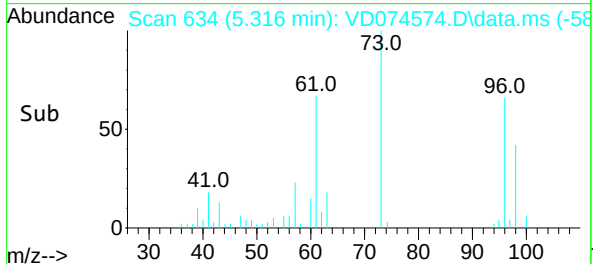
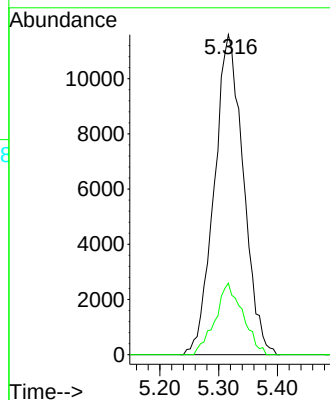
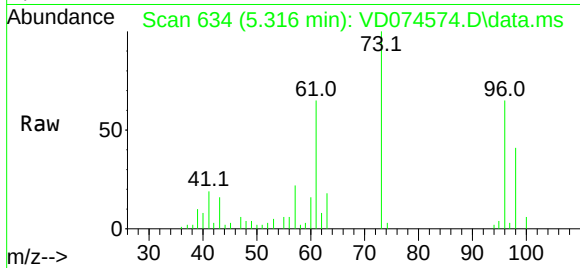
VSTDIC020

Tgt Ion: 73 Resp: 39897

Ion Ratio Lower Upper

73 100

57 22.4 16.1 24.1



#20

Methylene Chloride

Concen: 19.475 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Tgt Ion: 84 Resp: 32484

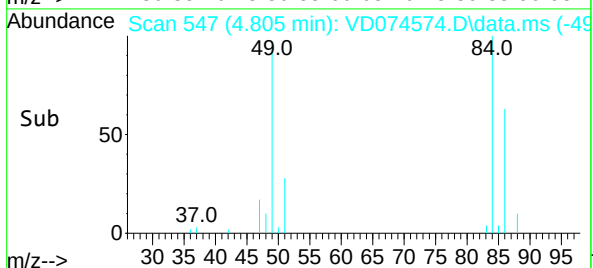
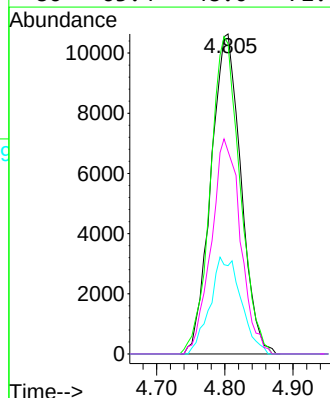
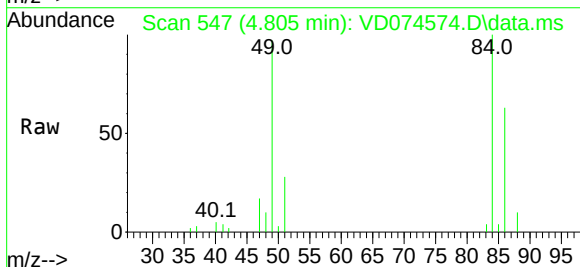
Ion Ratio Lower Upper

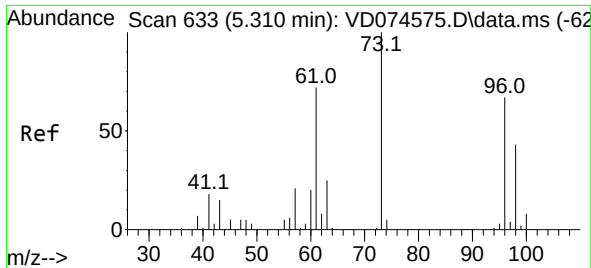
84 100

49 96.9 68.0 102.0

51 27.6 23.2 34.8

86 63.4 48.0 72.0

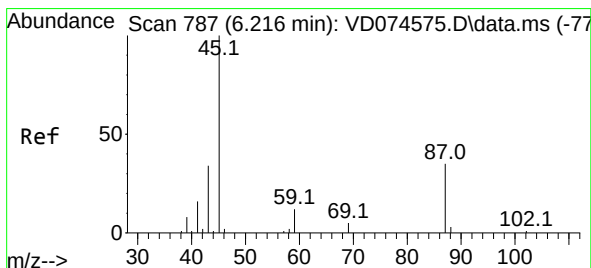
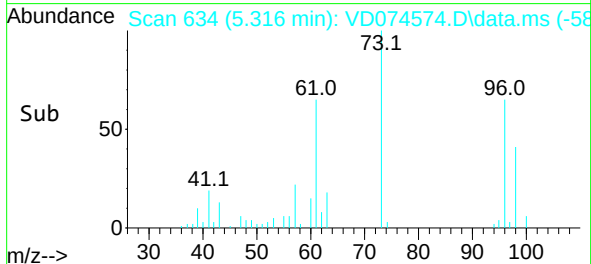
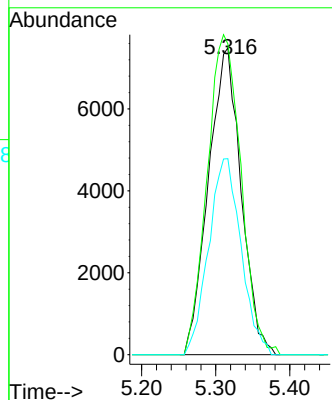
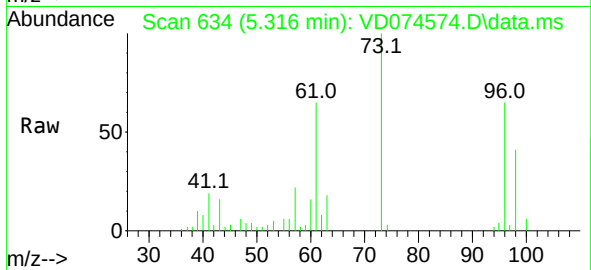




#21
trans-1,2-Dichloroethene
Concen: 20.452 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

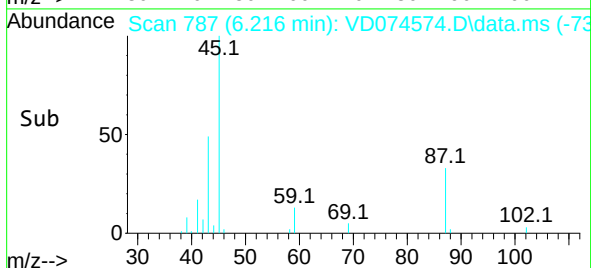
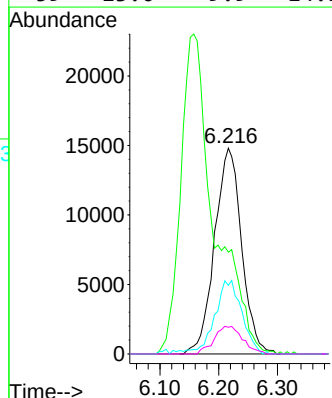
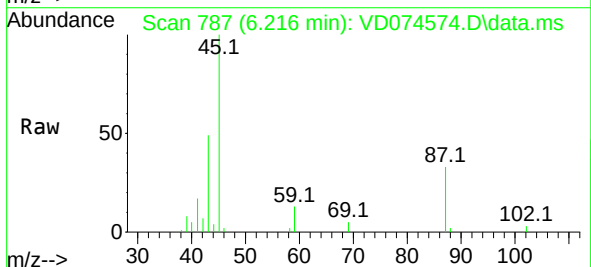
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

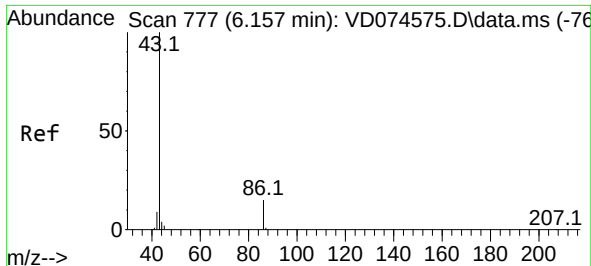
Tgt Ion: 96 Resp: 22904
Ion Ratio Lower Upper
96 100
61 101.3 95.7 143.5
98 63.9 54.8 82.2



#22
Diisopropyl ether
Concen: 21.623 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 45 Resp: 47337
Ion Ratio Lower Upper
45 100
43 48.5 37.8 56.6
87 33.4 26.6 40.0
59 13.0 9.9 14.9

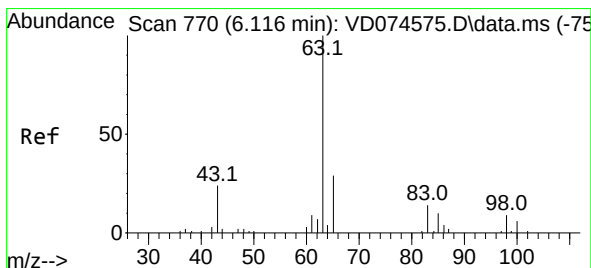
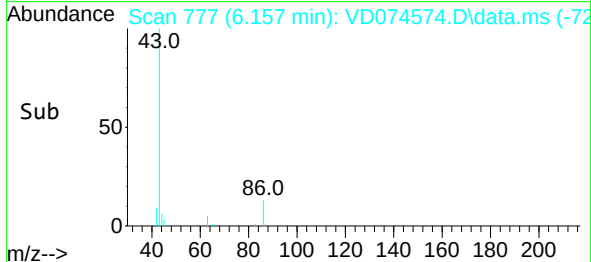
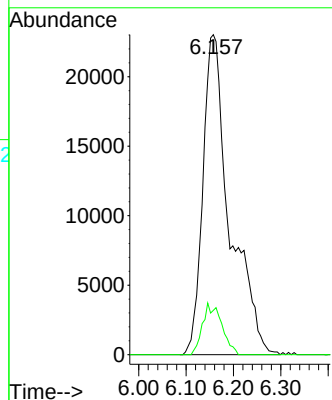
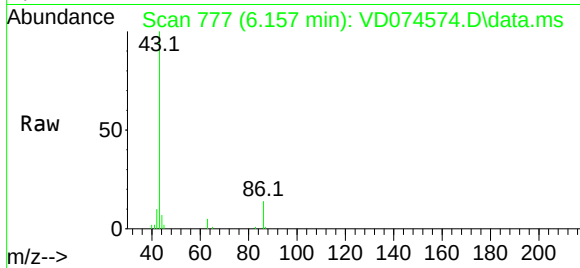




#23
 Vinyl Acetate
 Concen: 103.336 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

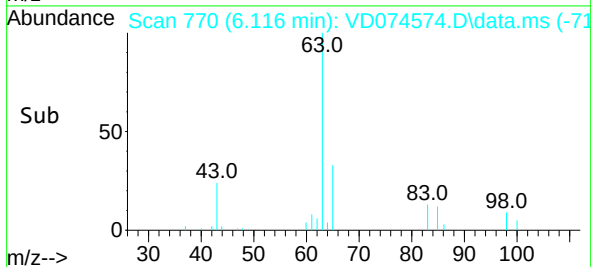
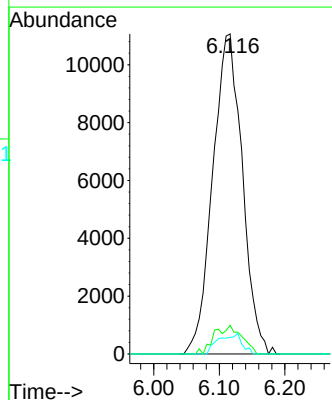
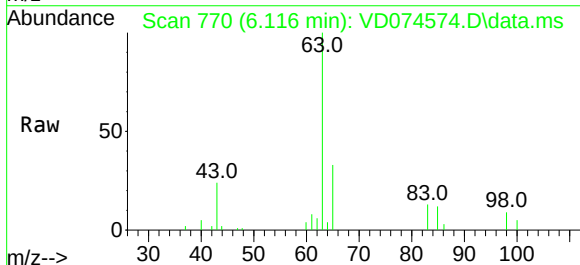
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

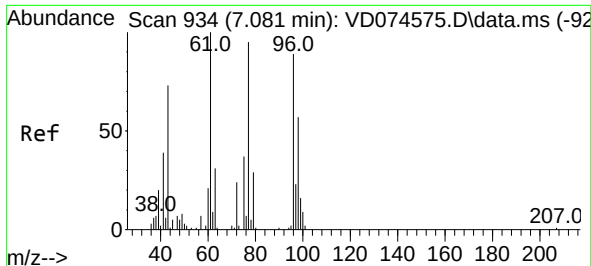
Tgt Ion: 43 Resp: 91077
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.390 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.011 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

Tgt Ion: 63 Resp: 34644
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.6 13.8
 100 5.2 2.9 8.6





#25

2-Butanone

Concen: 96.902 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

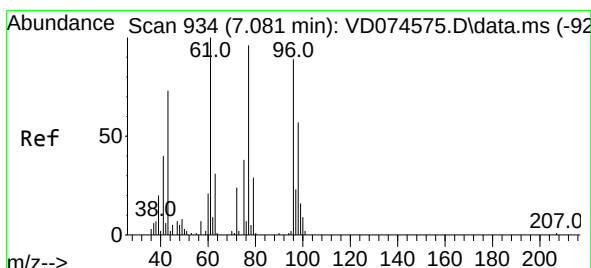
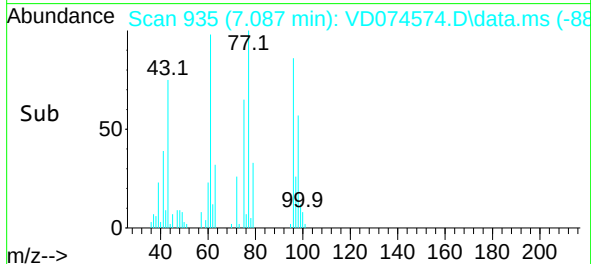
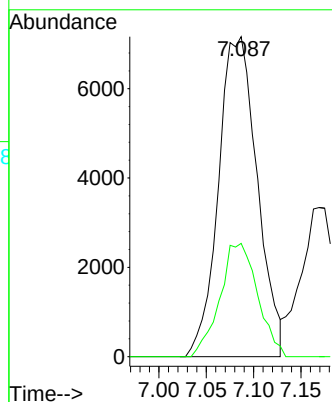
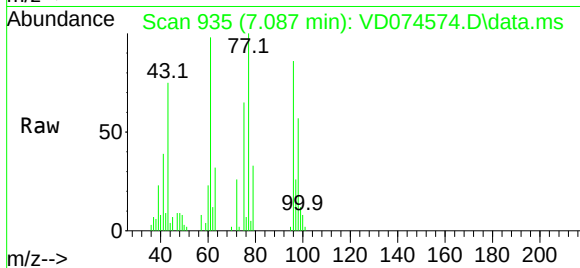
VSTDIC020

Tgt Ion: 43 Resp: 20428

Ion Ratio Lower Upper

43 100

72 35.4 25.8 38.8



#26

2,2-Dichloropropane

Concen: 20.342 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD074574.D

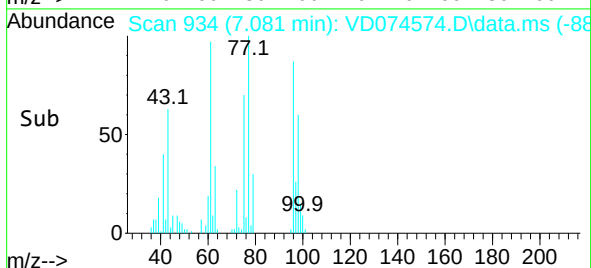
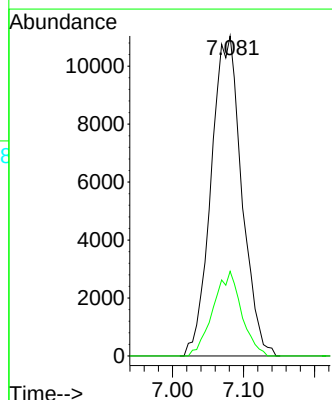
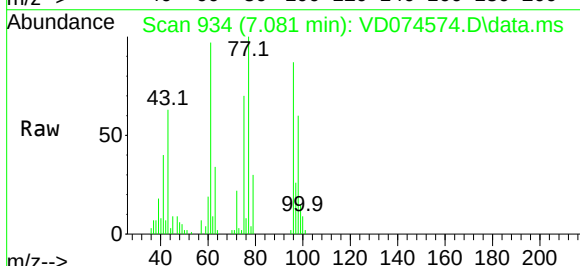
Acq: 19 Oct 2022 11:51

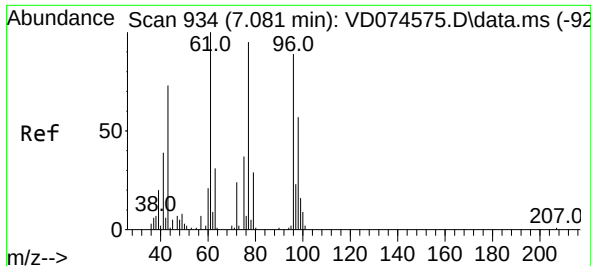
Tgt Ion: 77 Resp: 33034

Ion Ratio Lower Upper

77 100

97 24.5 12.5 37.5

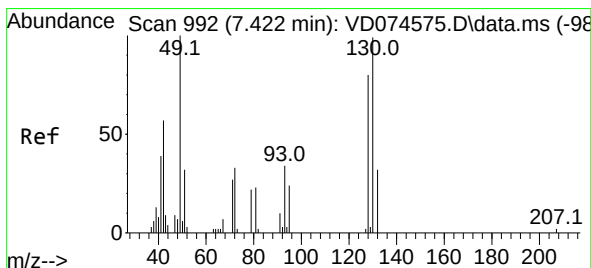
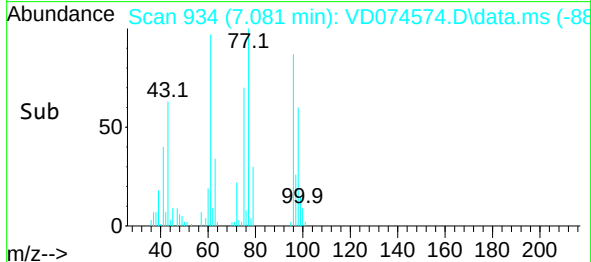
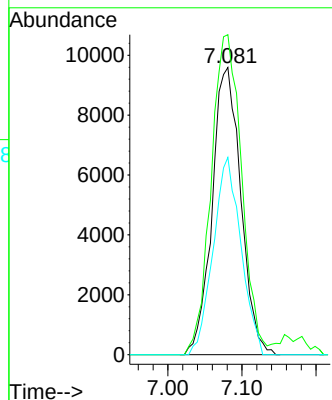
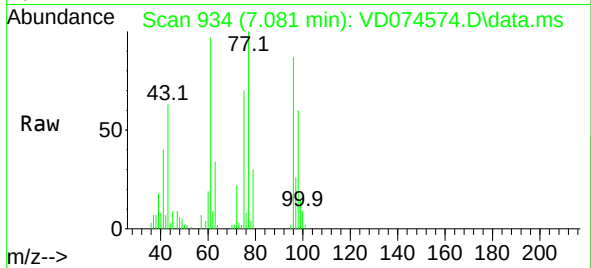




#27
 cis-1,2-Dichloroethene
 Concen: 20.759 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

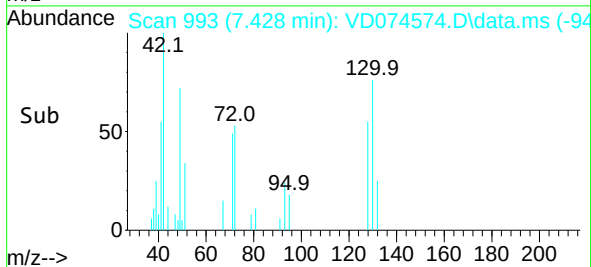
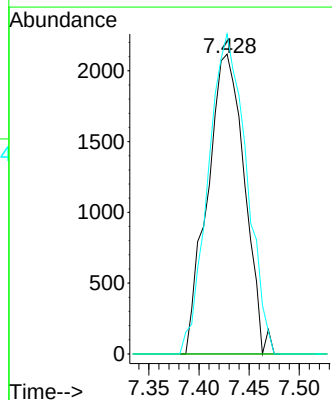
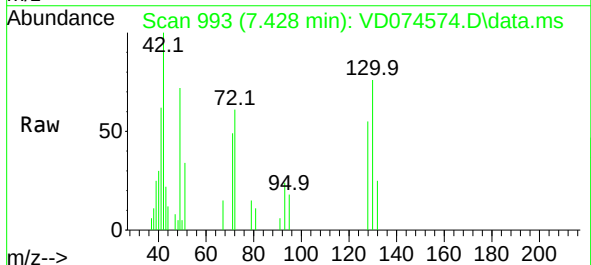
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

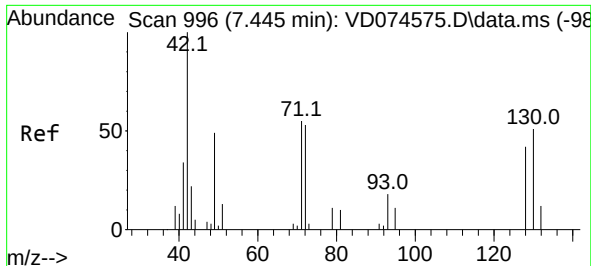
Tgt Ion: 96 Resp: 25785
 Ion Ratio Lower Upper
 96 100
 61 118.7 0.0 242.4
 98 66.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 13.122 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

Tgt Ion: 49 Resp: 5426
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.0
 130 110.3 84.1 126.1





#29

Tetrahydrofuran

Concen: 104.357 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

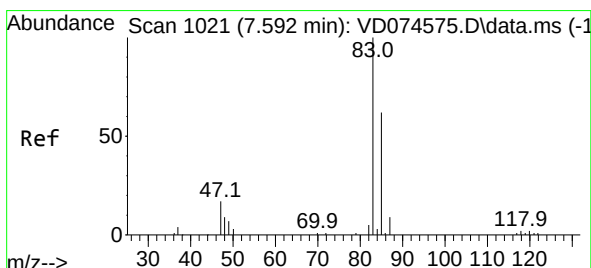
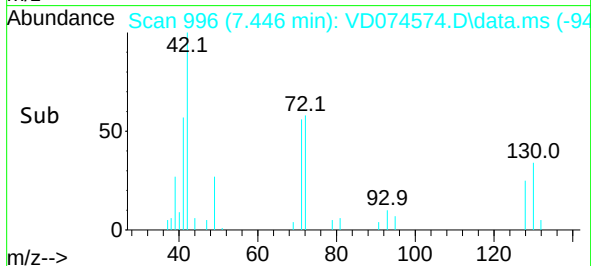
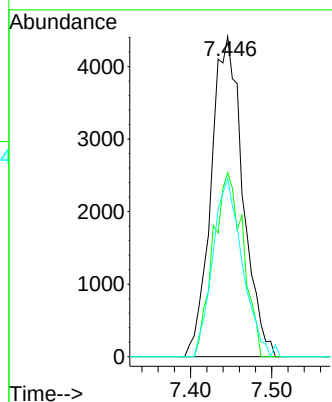
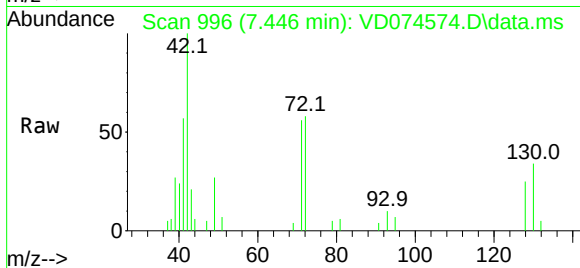
Tgt Ion: 42 Resp: 11999

Ion Ratio Lower Upper

42 100

72 54.2 45.8 68.6

71 52.0 44.6 66.8



#30

Chloroform

Concen: 20.440 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD074574.D

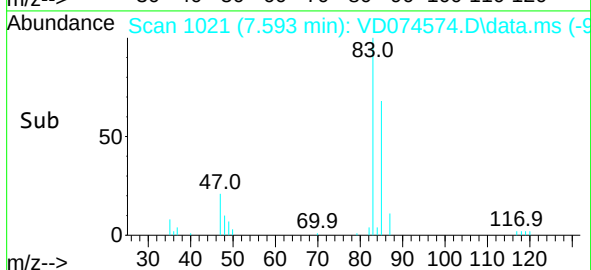
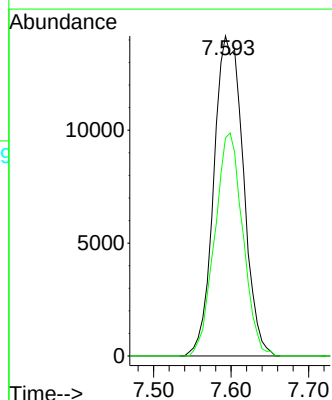
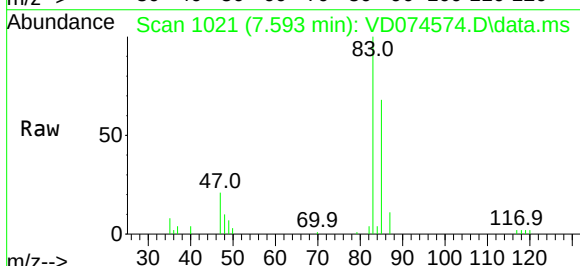
Acq: 19 Oct 2022 11:51

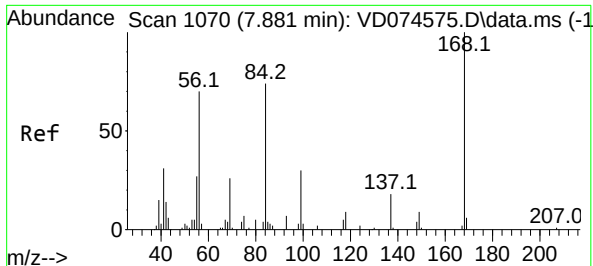
Tgt Ion: 83 Resp: 37369

Ion Ratio Lower Upper

83 100

85 68.1 52.0 78.0





#31

Cyclohexane

Concen: 21.578 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

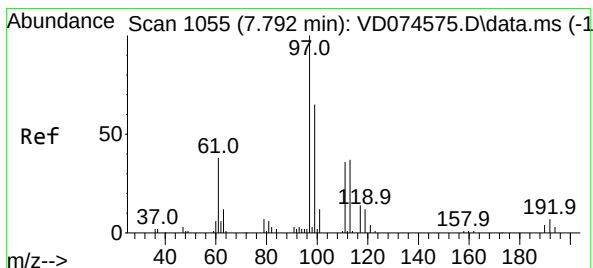
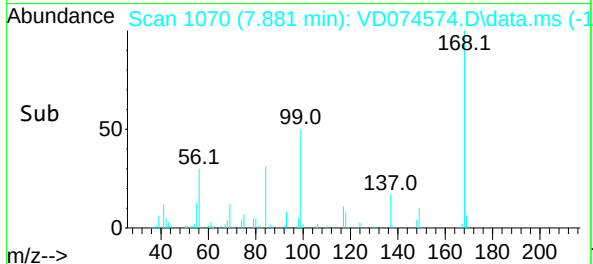
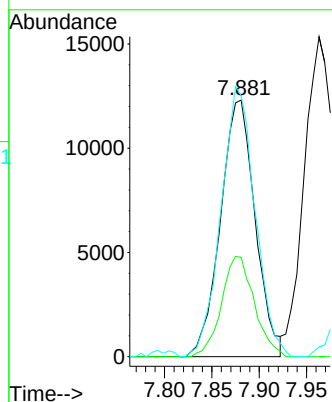
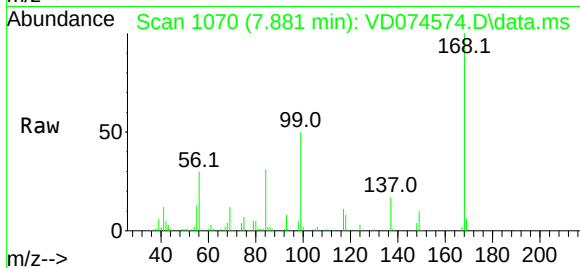
Tgt Ion: 56 Resp: 31293

Ion Ratio Lower Upper

56 100

69 38.7 29.2 43.8

84 101.7 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 20.637 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

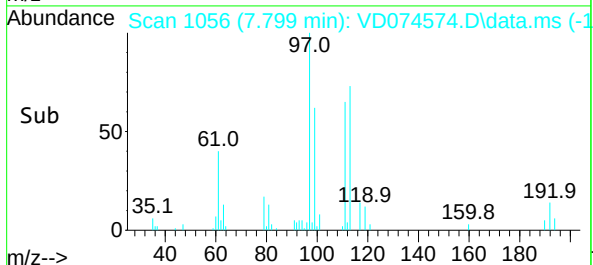
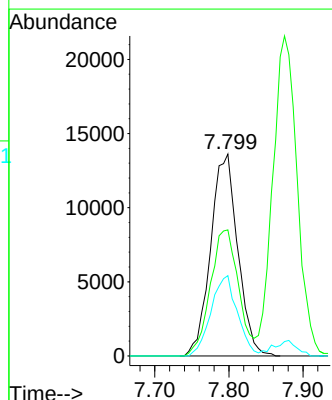
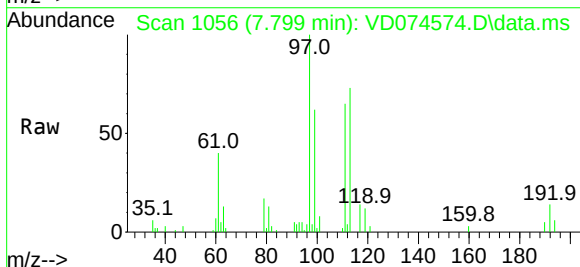
Tgt Ion: 97 Resp: 34599

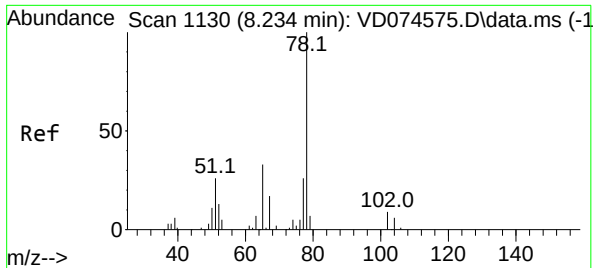
Ion Ratio Lower Upper

97 100

99 64.9 53.3 79.9

61 38.8 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 22.165 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

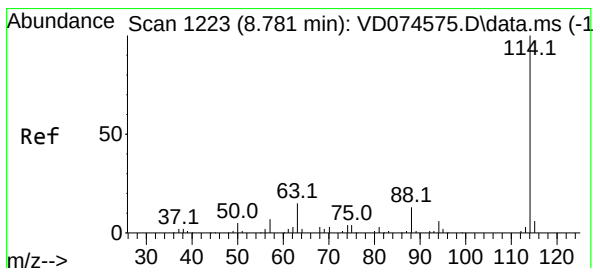
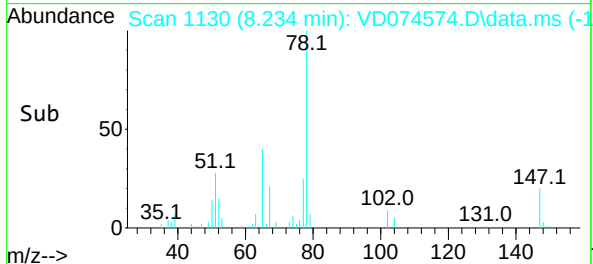
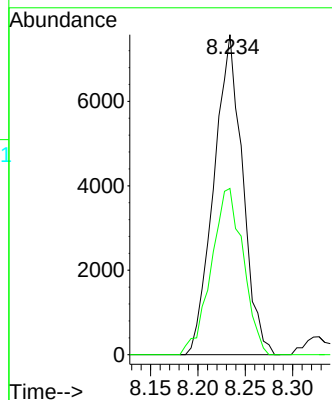
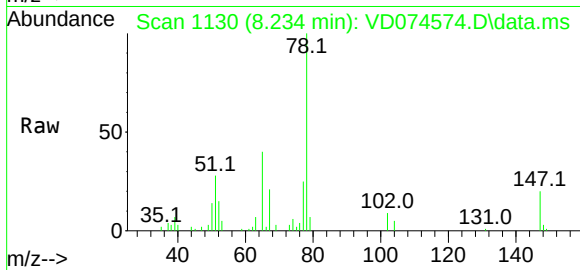
VSTDIC020

Tgt Ion: 65 Resp: 16002

Ion Ratio Lower Upper

65 100

67 57.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

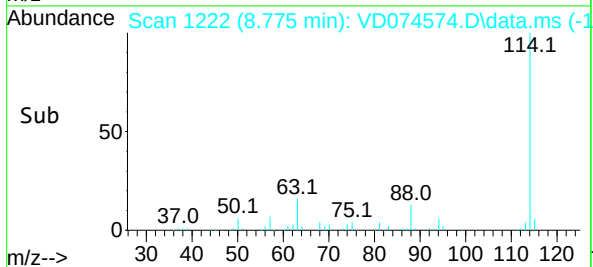
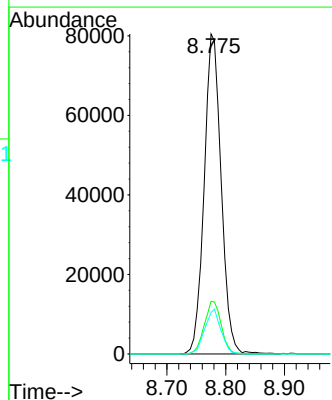
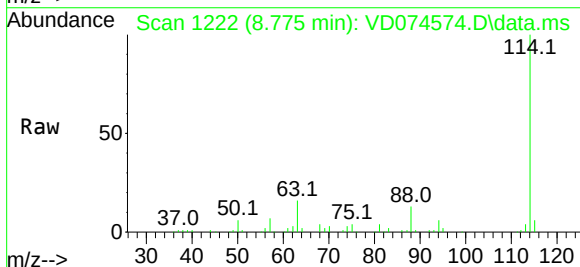
Tgt Ion: 114 Resp: 161708

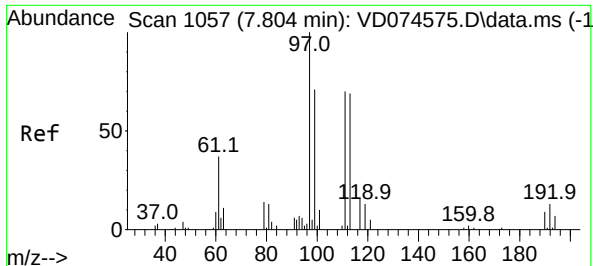
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 25.850 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

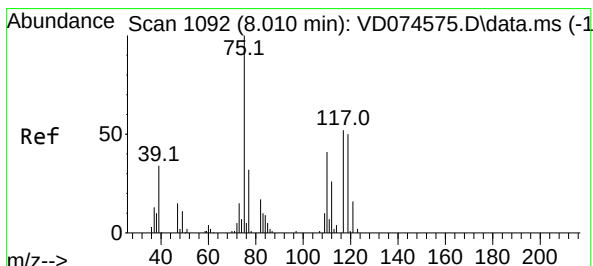
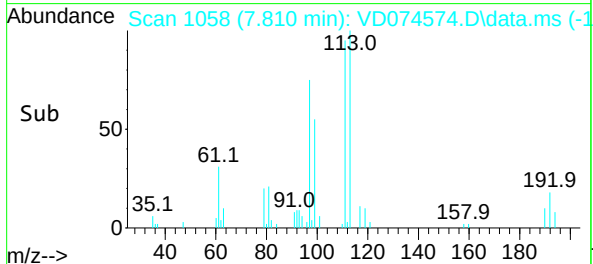
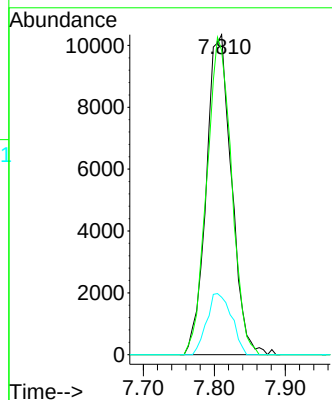
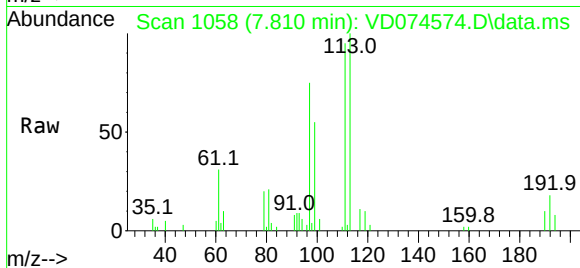
Tgt Ion:113 Resp: 25602

Ion Ratio Lower Upper

113 100

111 97.4 82.3 123.5

192 18.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 19.776 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

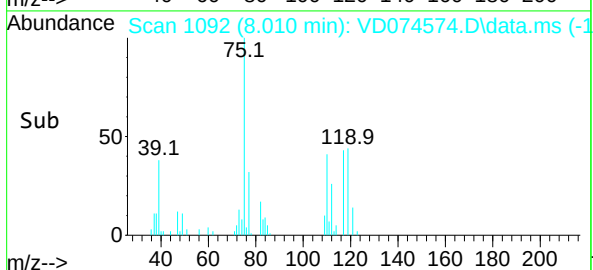
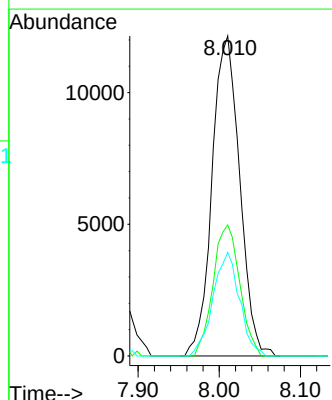
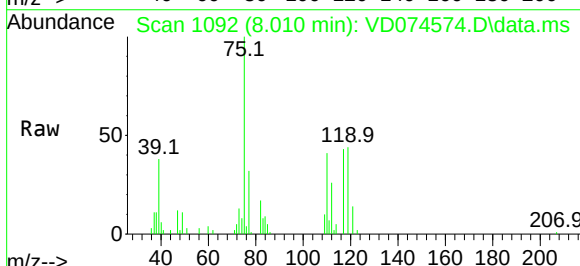
Tgt Ion: 75 Resp: 28728

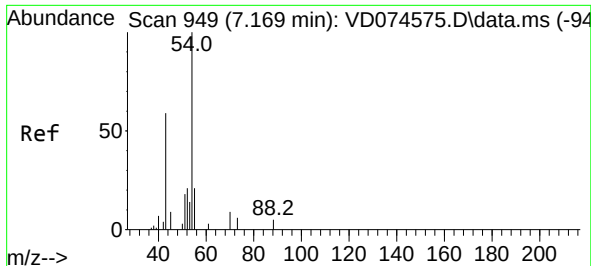
Ion Ratio Lower Upper

75 100

110 39.5 19.7 59.0

77 31.2 25.4 38.2

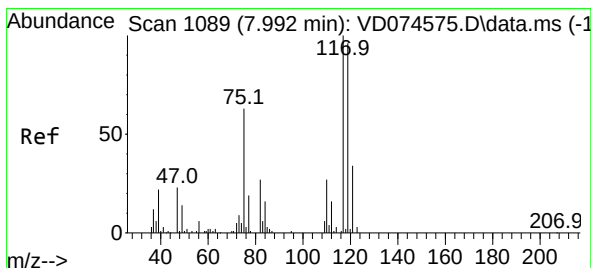
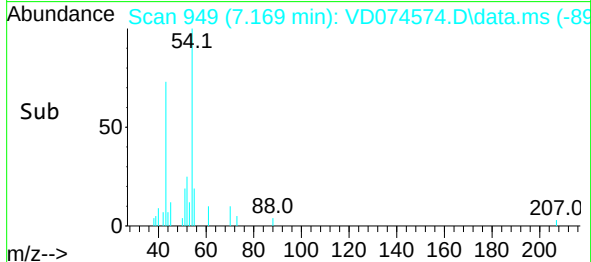
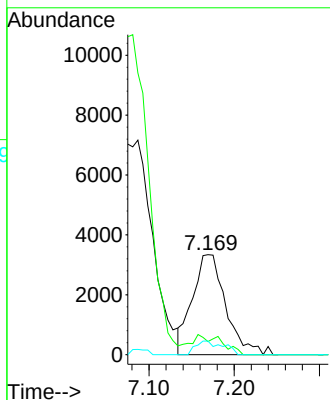
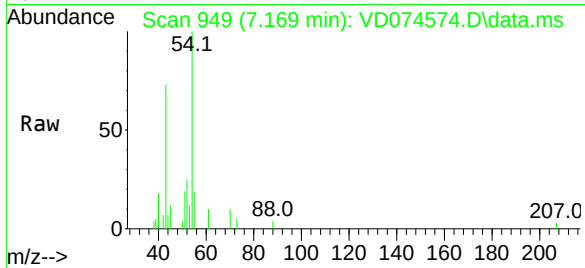




#37
Ethyl Acetate
Concen: 19.874 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

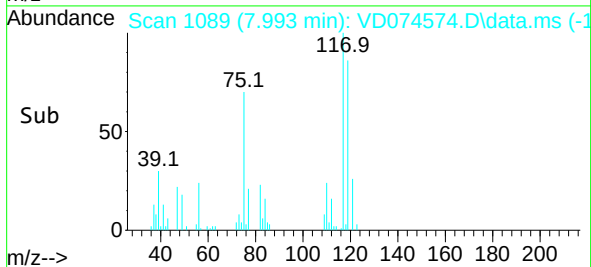
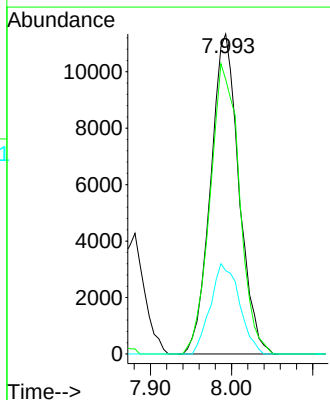
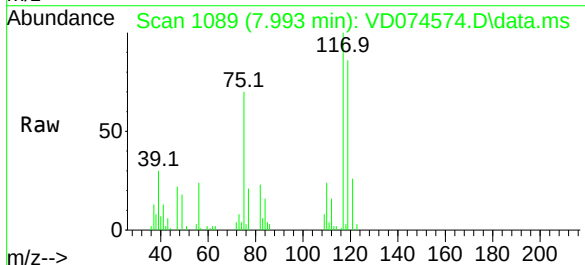
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

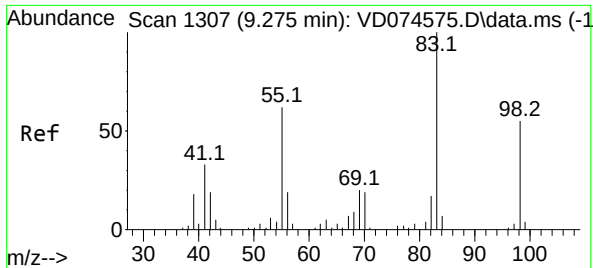
Tgt Ion: 43 Resp: 9109
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 11.3 9.6 14.4



#38
Carbon Tetrachloride
Concen: 19.331 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 117 Resp: 27499
Ion Ratio Lower Upper
117 100
119 85.8 73.1 109.7
121 26.0 25.0 37.6





#39

Methylcyclohexane

Concen: 19.330 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

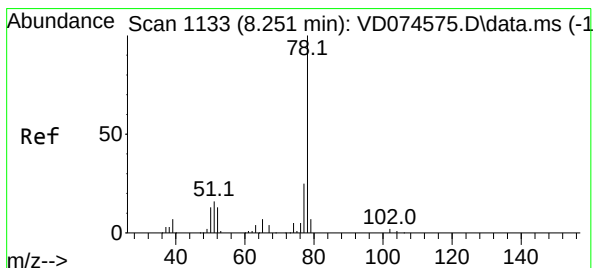
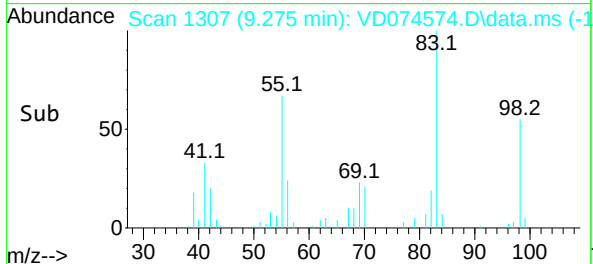
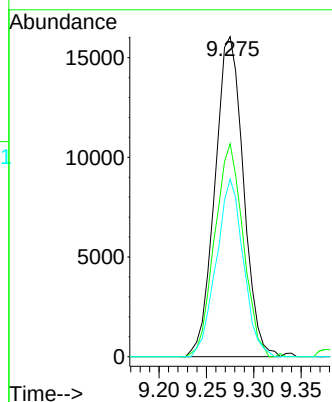
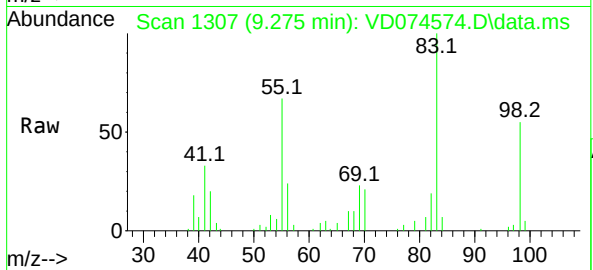
Tgt Ion: 83 Resp: 33552

Ion Ratio Lower Upper

83 100

55 66.6 49.0 73.4

98 55.5 41.7 62.5



#40

Benzene

Concen: 19.786 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074574.D

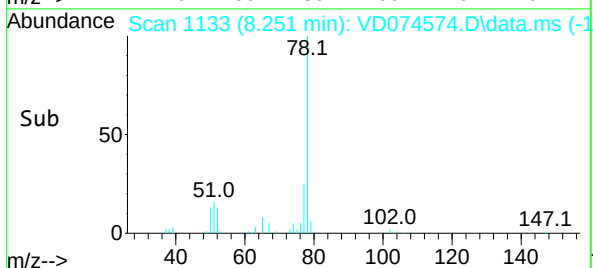
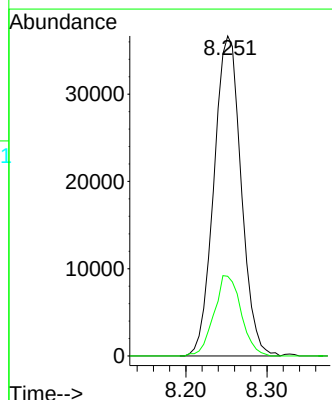
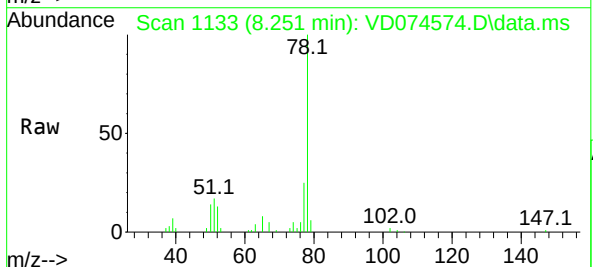
Acq: 19 Oct 2022 11:51

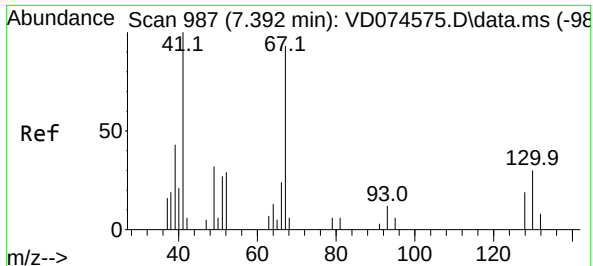
Tgt Ion: 78 Resp: 85306

Ion Ratio Lower Upper

78 100

77 24.9 20.1 30.1

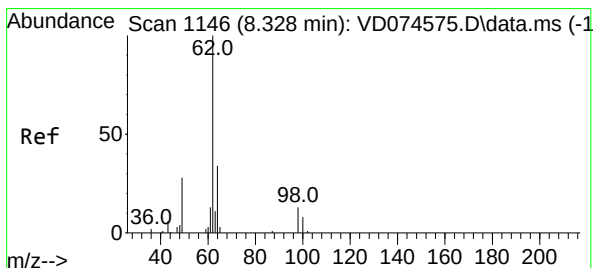
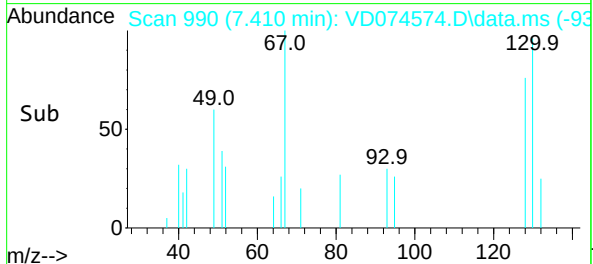
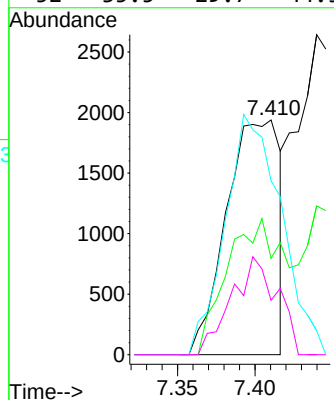
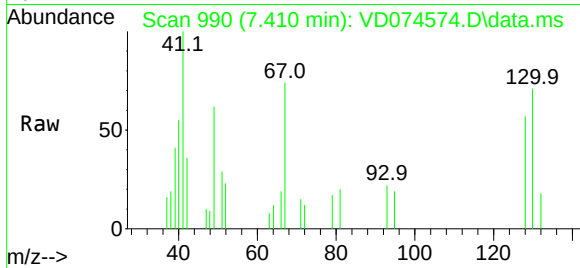




#41
Methacrylonitrile
Concen: 16.283 ug/l
RT: 7.410 min Scan# 987
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

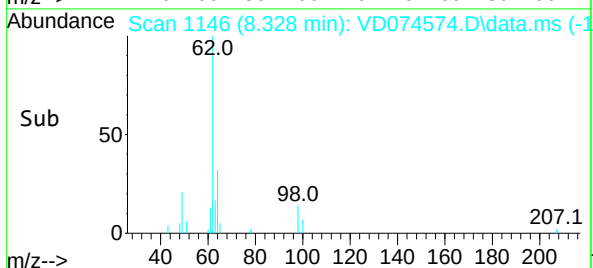
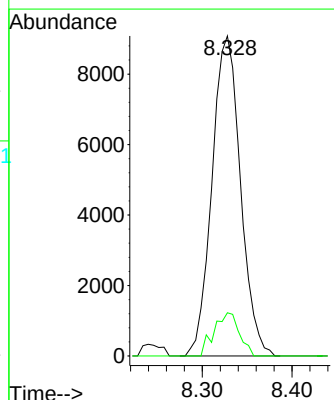
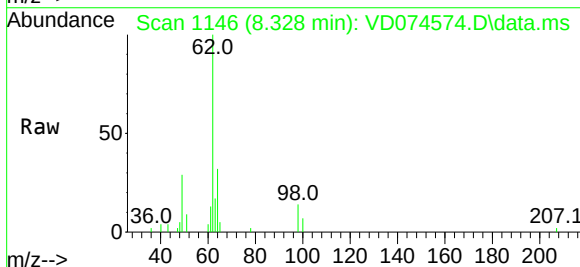
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

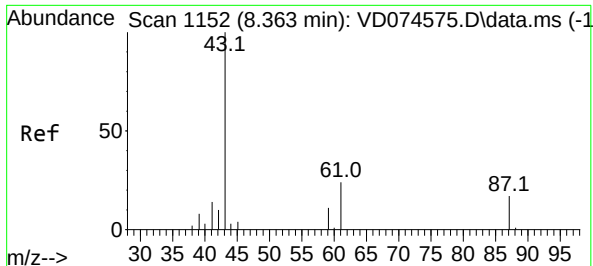
Tgt Ion: 41 Resp: 4645
Ion Ratio Lower Upper
41 100
39 32.7 35.0 52.6#
67 107.0 77.0 115.6
52 35.5 29.7 44.5



#42
1,2-Dichloroethane
Concen: 20.140 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 62 Resp: 20037
Ion Ratio Lower Upper
62 100
98 11.9 0.0 24.2





#43

Isopropyl Acetate

Concen: 20.236 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

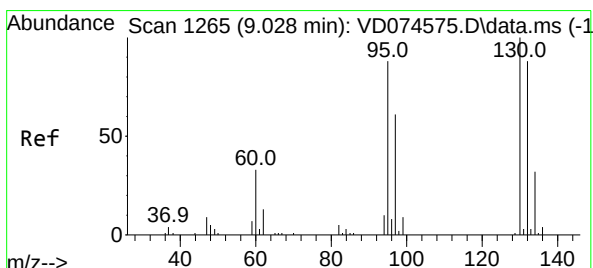
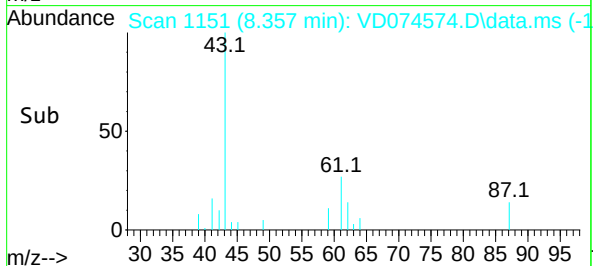
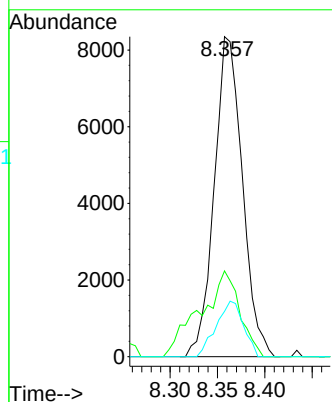
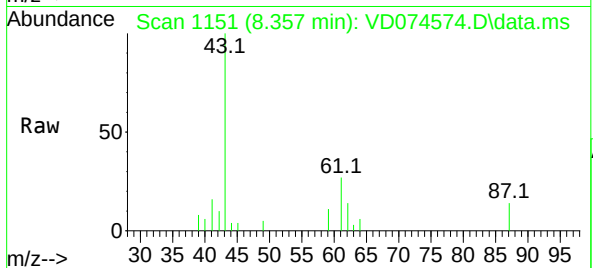
Tgt Ion: 43 Resp: 17237

Ion Ratio Lower Upper

43 100

61 37.6 30.9 46.3

87 16.7 14.3 21.5



#44

Trichloroethene

Concen: 19.639 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074574.D

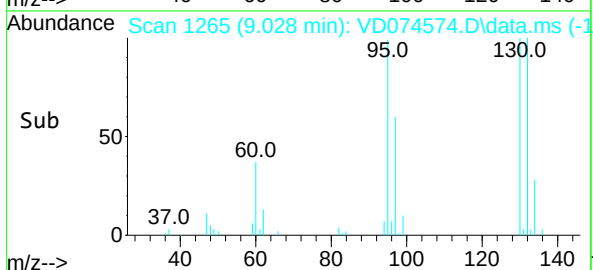
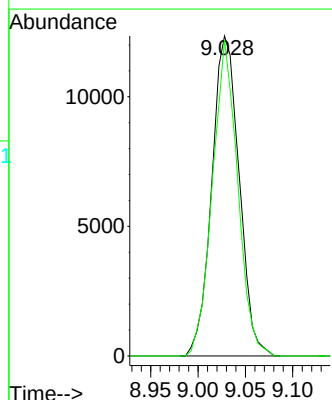
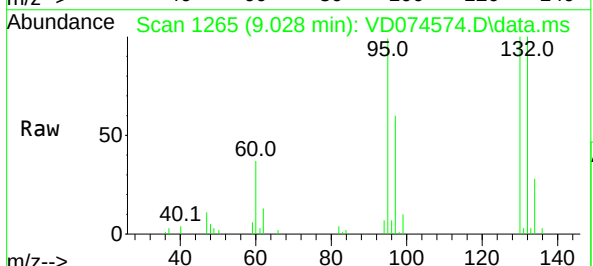
Acq: 19 Oct 2022 11:51

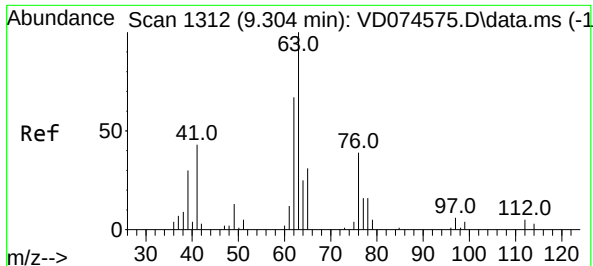
Tgt Ion:130 Resp: 24805

Ion Ratio Lower Upper

130 100

95 98.8 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.651 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

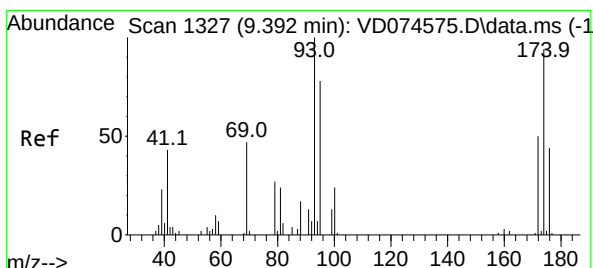
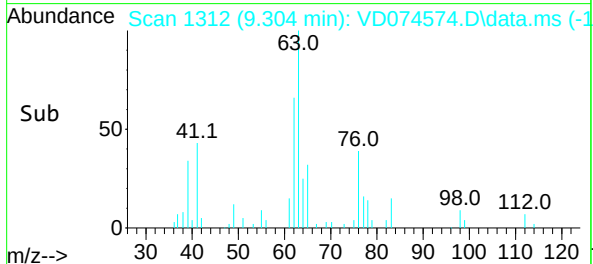
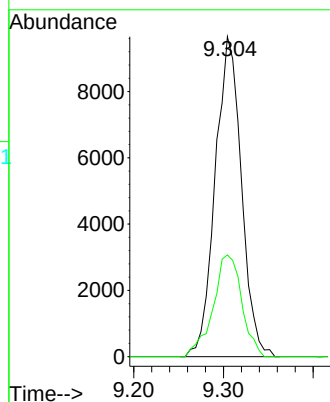
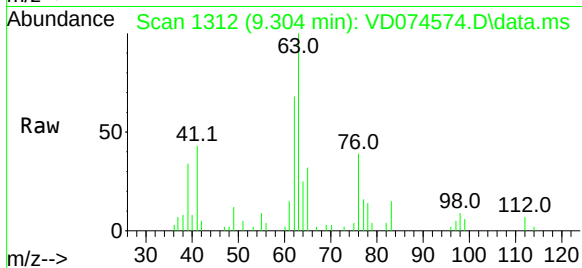
VSTDIC020

Tgt Ion: 63 Resp: 19539

Ion Ratio Lower Upper

63 100

65 31.8 23.1 34.7



#46

Dibromomethane

Concen: 20.977 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

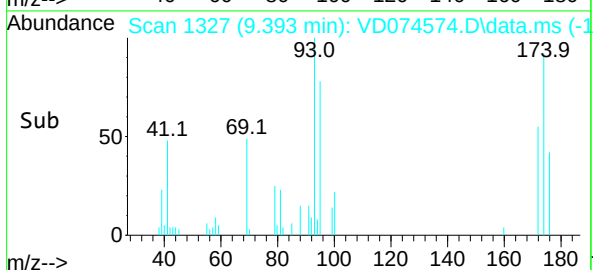
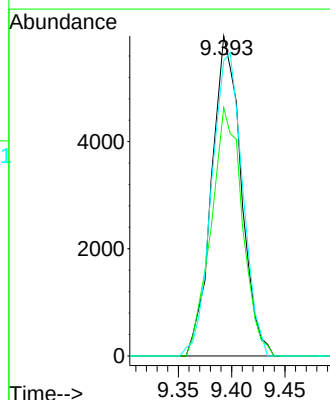
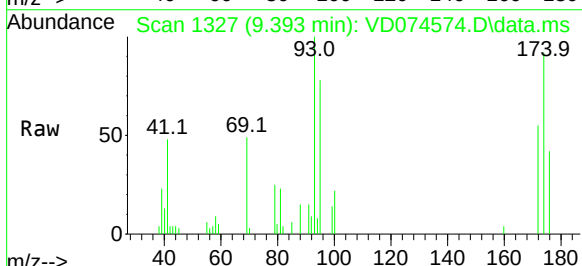
Tgt Ion: 93 Resp: 11453

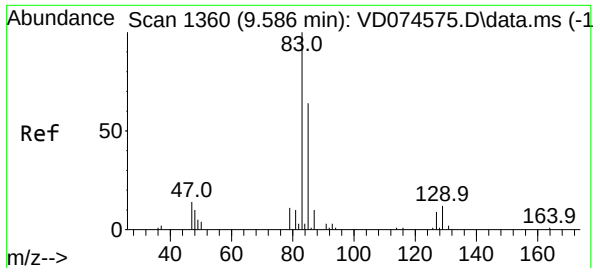
Ion Ratio Lower Upper

93 100

95 82.4 68.2 102.2

174 99.7 87.4 131.0





#47

Bromodichloromethane

Concen: 20.030 ug/l

RT: 9.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

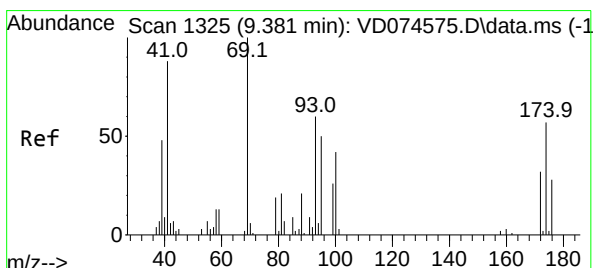
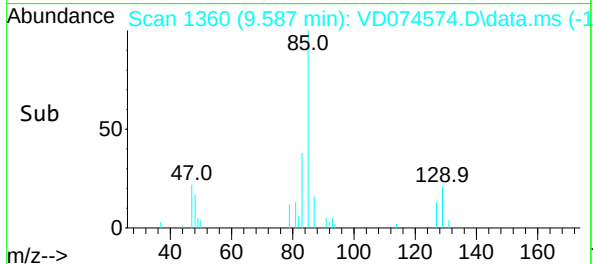
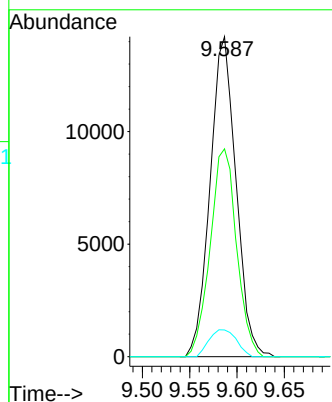
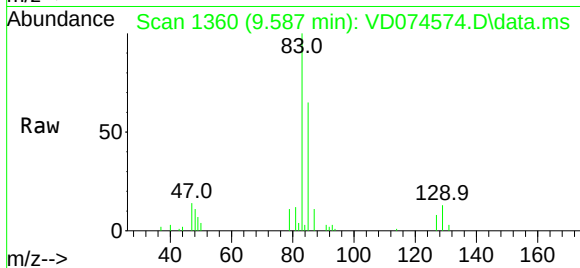
Tgt Ion: 83 Resp: 27058

Ion Ratio Lower Upper

83 100

85 64.9 48.8 73.2

127 8.3 6.7 10.1



#48

Methyl methacrylate

Concen: 20.975 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

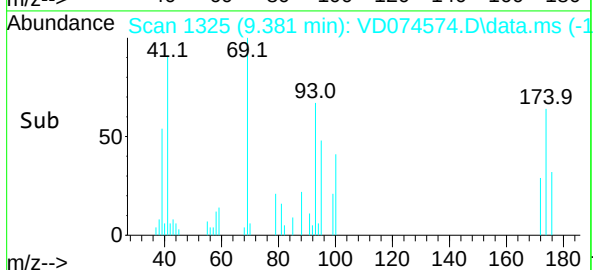
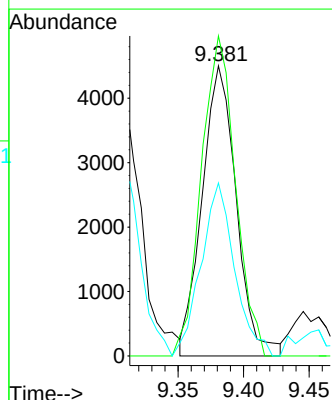
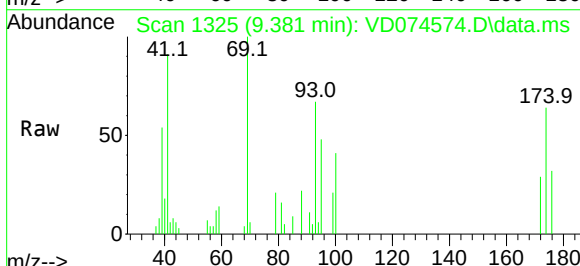
Tgt Ion: 41 Resp: 8165

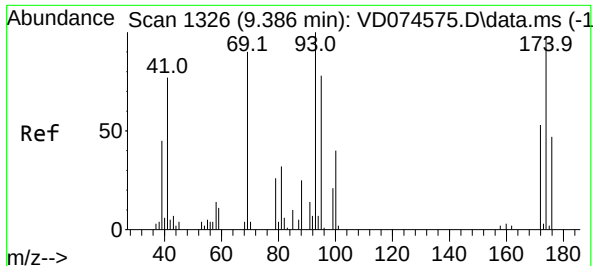
Ion Ratio Lower Upper

41 100

69 110.0 93.0 139.4

39 58.5 44.6 66.8





#49

1,4-Dioxane

Concen: 439.936 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

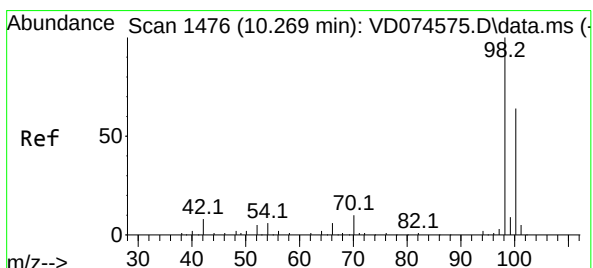
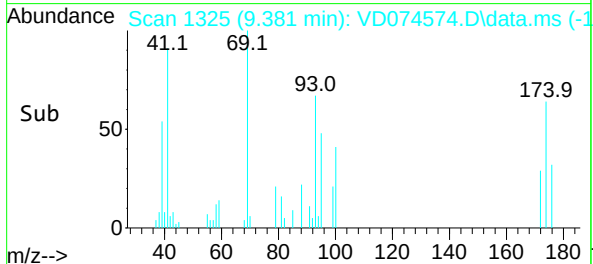
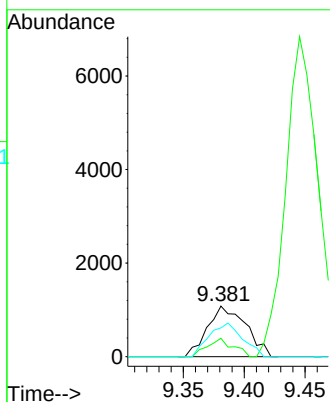
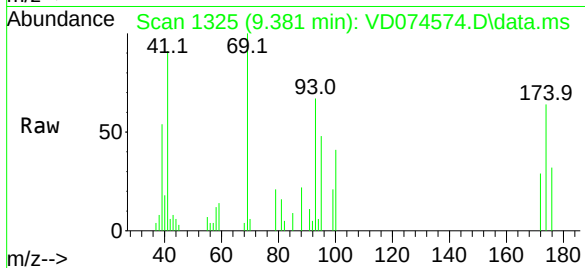
Tgt Ion: 88 Resp: 2364

Ion Ratio Lower Upper

88 100

43 24.4 24.1 36.1

58 58.0 43.1 64.7



#50

Toluene-d8

Concen: 18.542 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074574.D

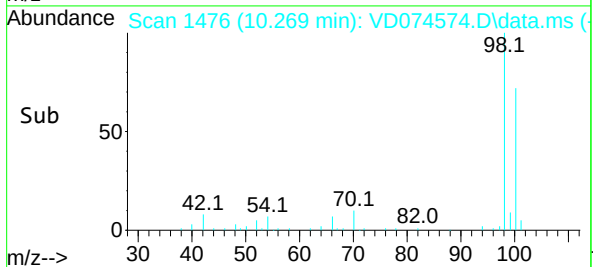
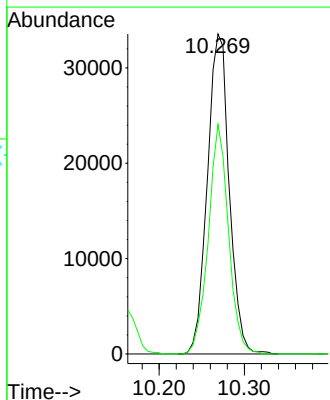
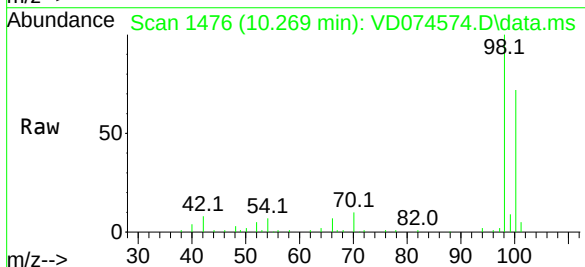
Acq: 19 Oct 2022 11:51

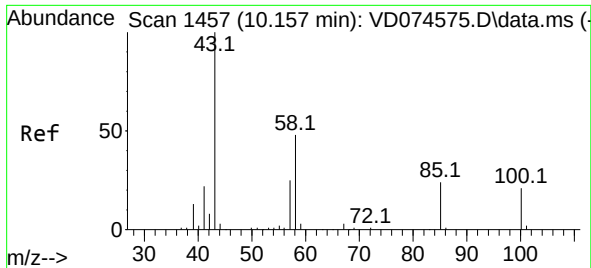
Tgt Ion: 98 Resp: 60015

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.0

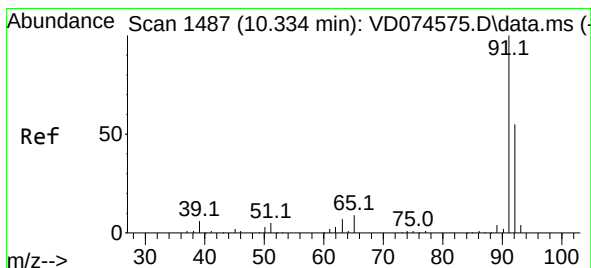
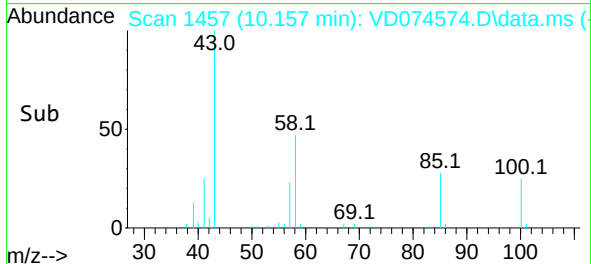
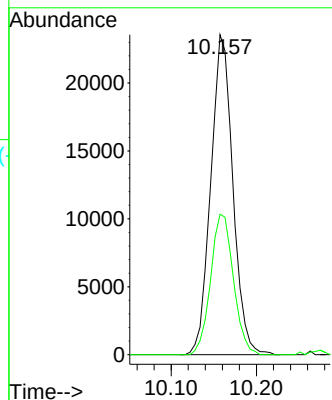
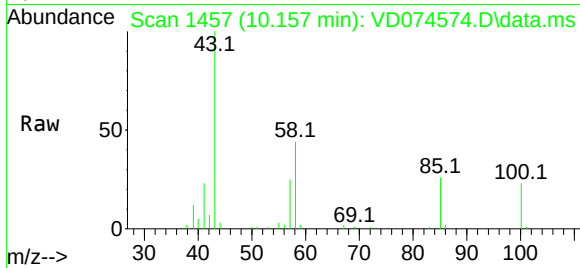




#51
4-Methyl-2-Pentanone
Concen: 100.090 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

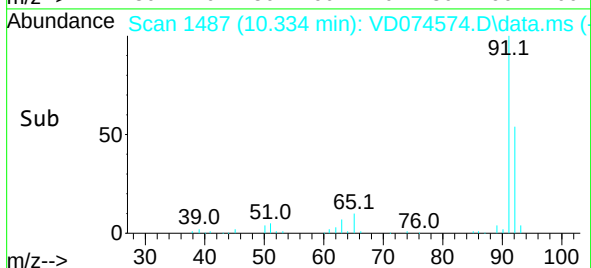
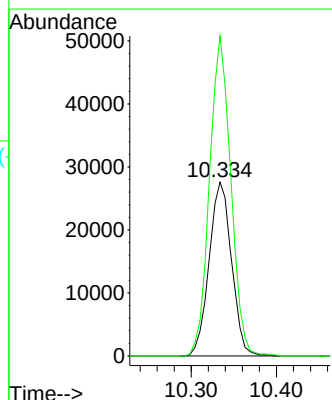
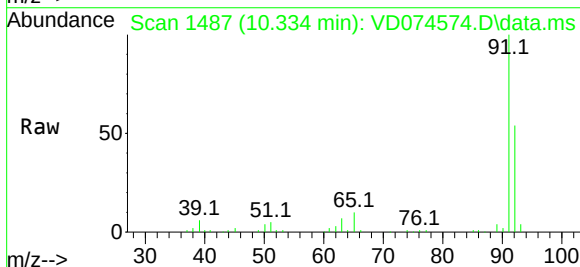
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

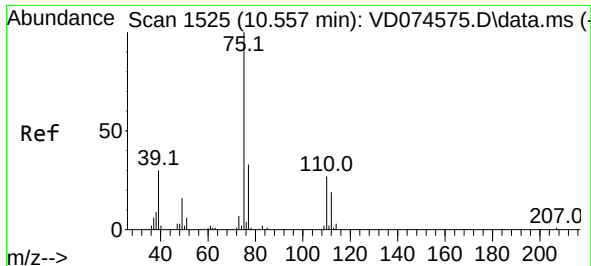
Tgt Ion: 43 Resp: 42406
Ion Ratio Lower Upper
43 100
58 45.3 37.8 56.6



#52
Toluene
Concen: 18.942 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 92 Resp: 50363
Ion Ratio Lower Upper
92 100
91 175.4 139.0 208.4

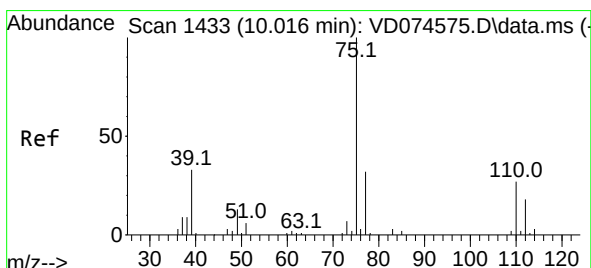
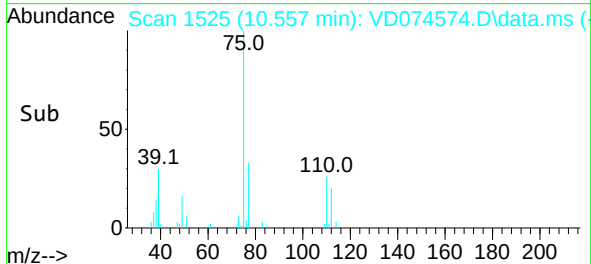
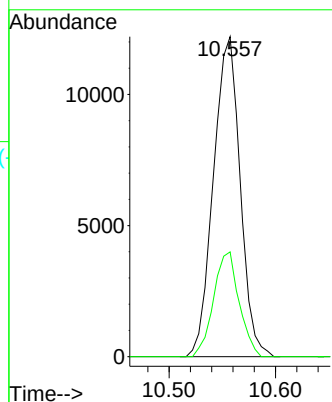
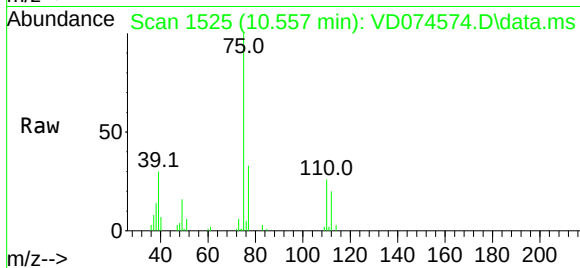




#53
t-1,3-Dichloropropene
Concen: 17.868 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

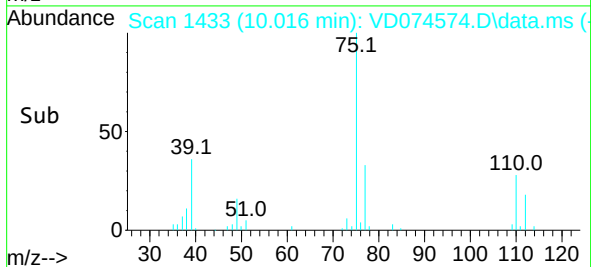
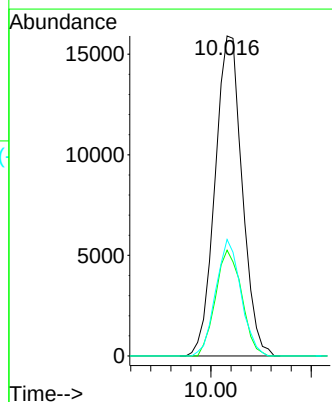
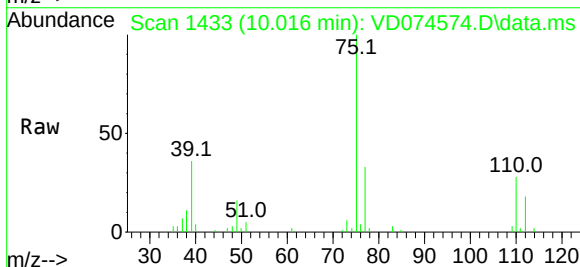
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

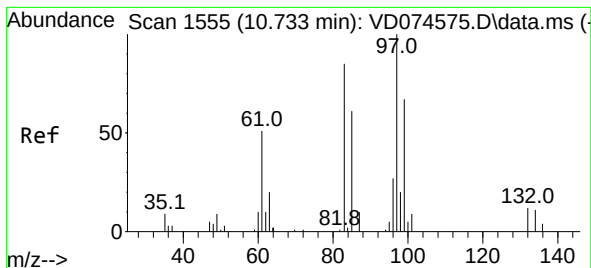
Tgt Ion: 75 Resp: 21222
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.925 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 75 Resp: 29838
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1
39 36.4 25.4 38.2





#55

1,1,2-Trichloroethane

Concen: 18.537 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 13905

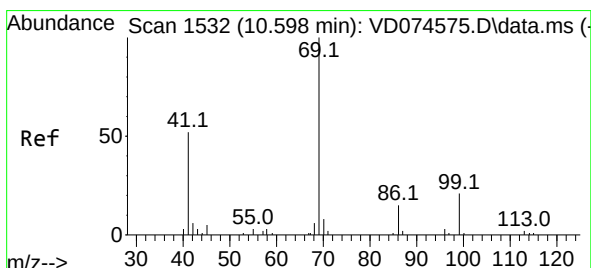
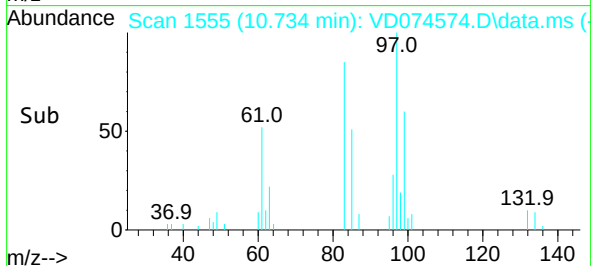
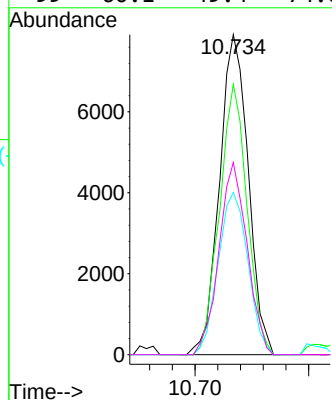
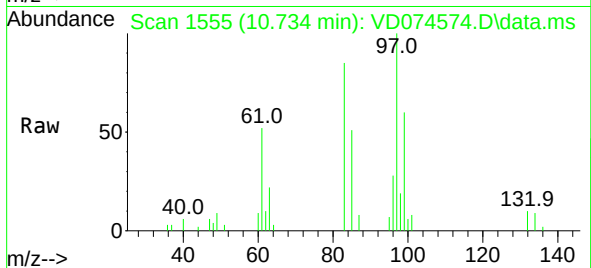
Ion Ratio Lower Upper

97 100

83 84.5 64.8 97.2

85 50.7 44.8 67.2

99 60.1 49.4 74.0



#56

Ethyl methacrylate

Concen: 17.551 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.005 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

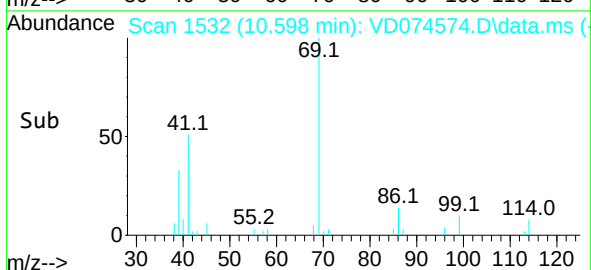
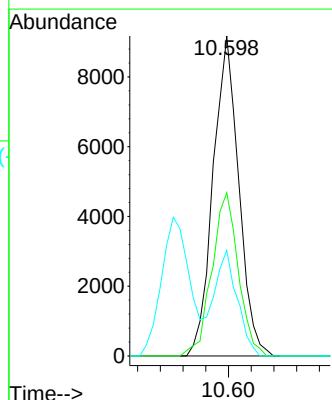
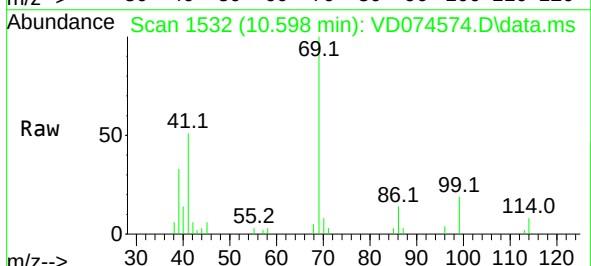
Tgt Ion: 69 Resp: 14392

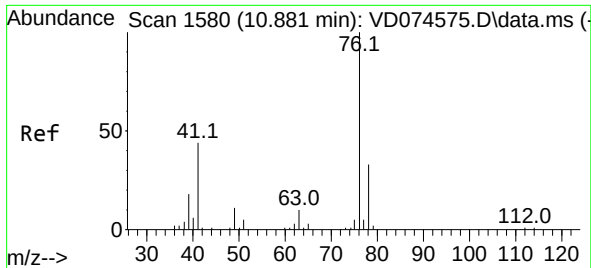
Ion Ratio Lower Upper

69 100

41 52.5 38.6 58.0

39 30.8 19.9 29.9#





#57

1,3-Dichloropropane

Concen: 18.129 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

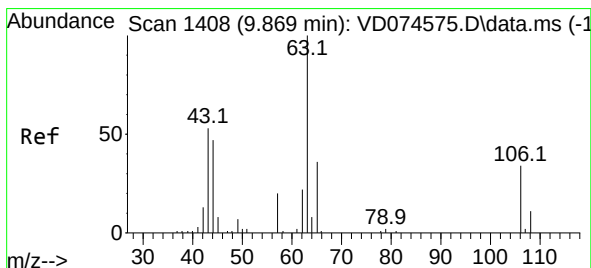
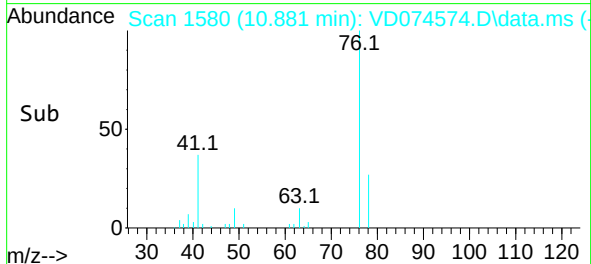
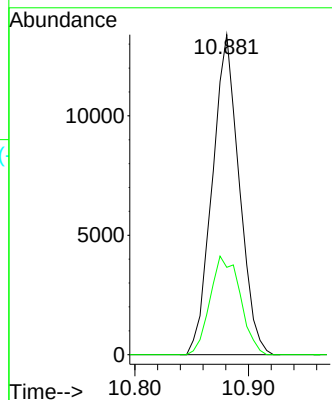
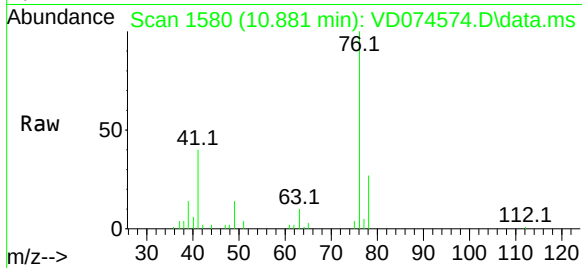
VSTDIC020

Tgt Ion: 76 Resp: 22061

Ion Ratio Lower Upper

76 100

78 34.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 60.090 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074574.D

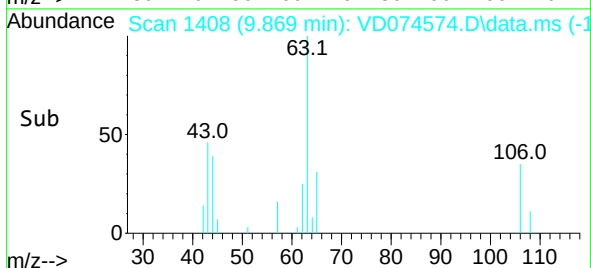
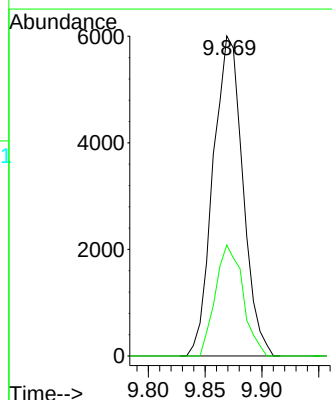
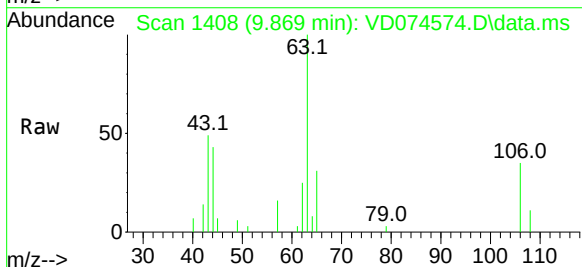
Acq: 19 Oct 2022 11:51

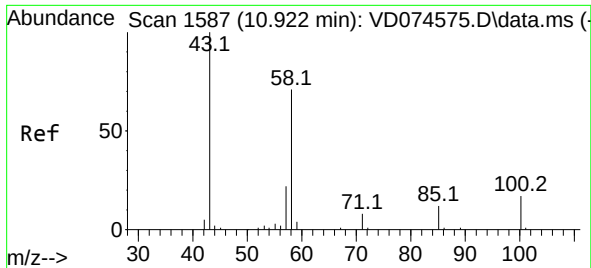
Tgt Ion: 63 Resp: 10922

Ion Ratio Lower Upper

63 100

106 32.0 26.5 39.7

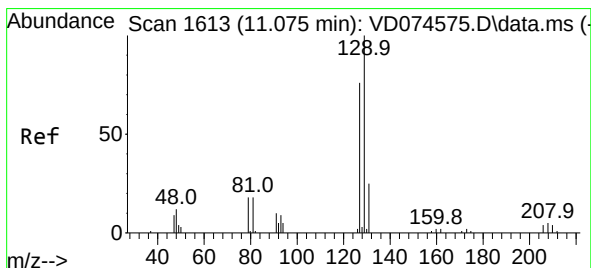
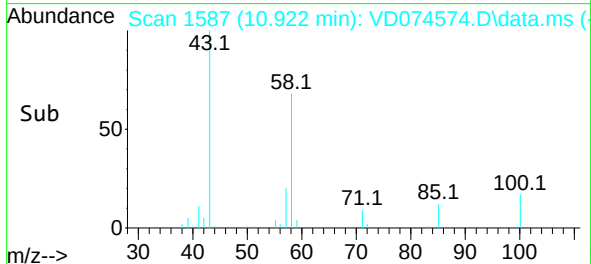
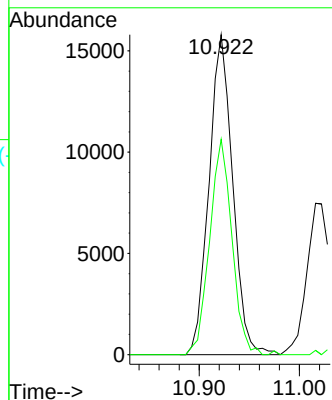
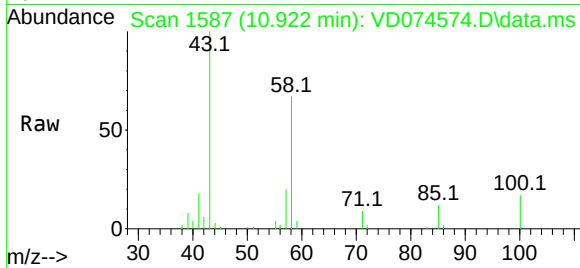




#59
2-Hexanone
Concen: 89.760 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

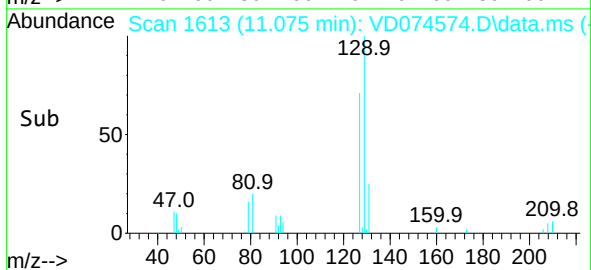
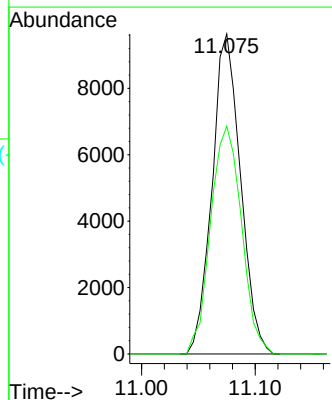
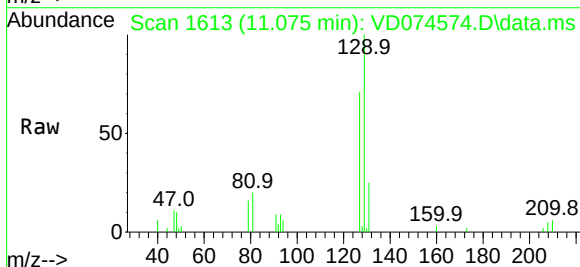
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

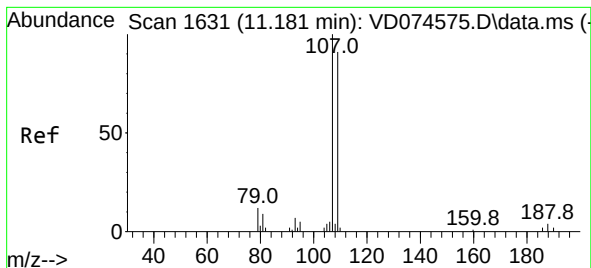
Tgt Ion: 43 Resp: 25957
Ion Ratio Lower Upper
43 100
58 63.2 32.0 96.2



#60
Dibromochloromethane
Concen: 18.538 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 129 Resp: 16762
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

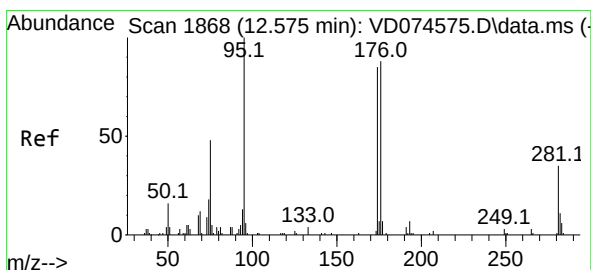
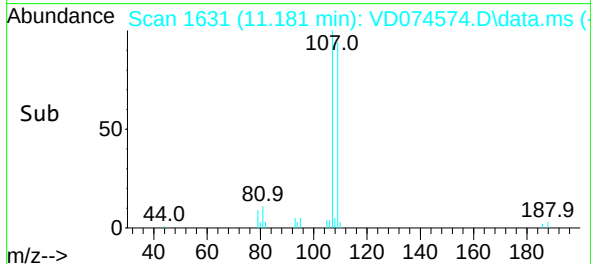
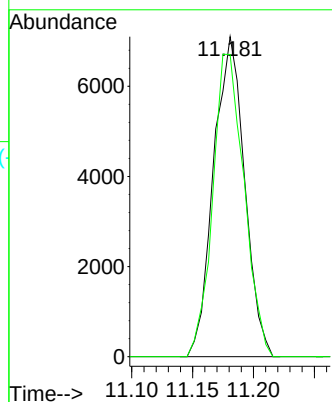
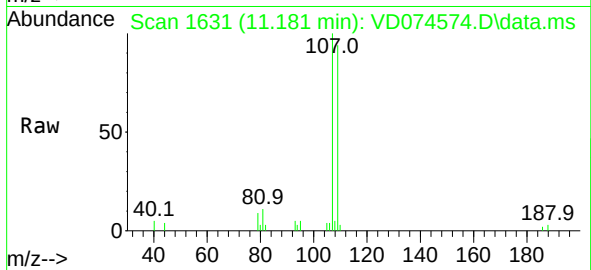




#61
1,2-Dibromoethane
Concen: 18.350 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

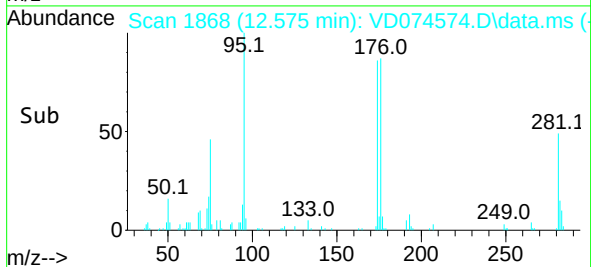
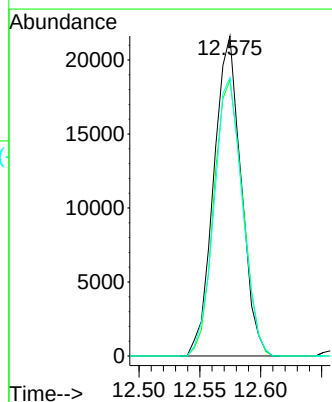
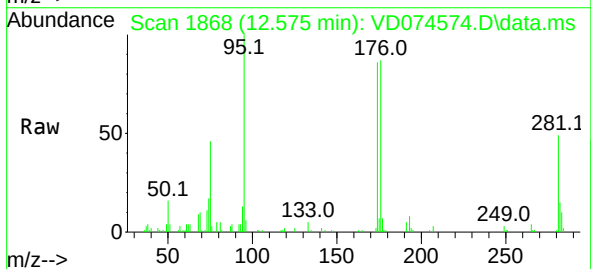
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

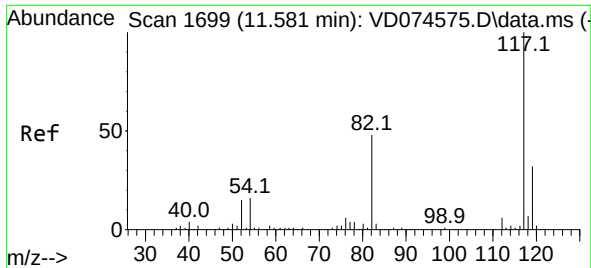
Tgt Ion:107 Resp: 12565
Ion Ratio Lower Upper
107 100
109 95.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 31.547 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 95 Resp: 33776
Ion Ratio Lower Upper
95 100
174 90.6 0.0 197.0
176 89.9 0.0 182.6

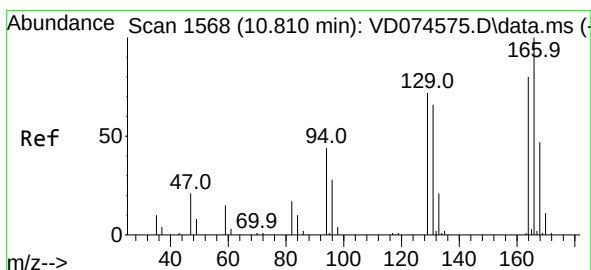
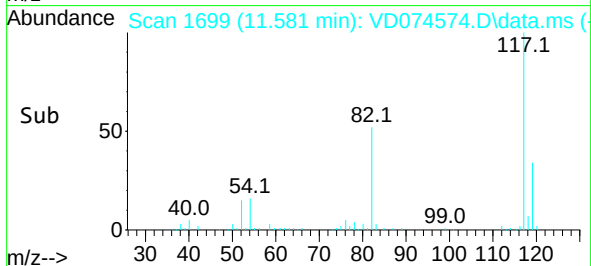
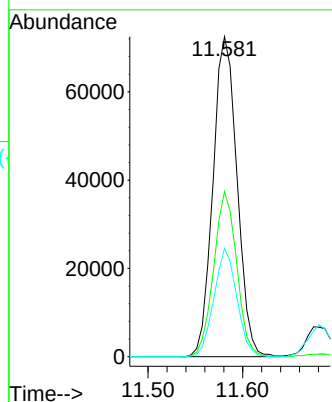
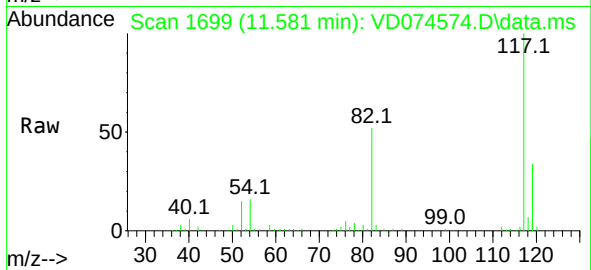




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

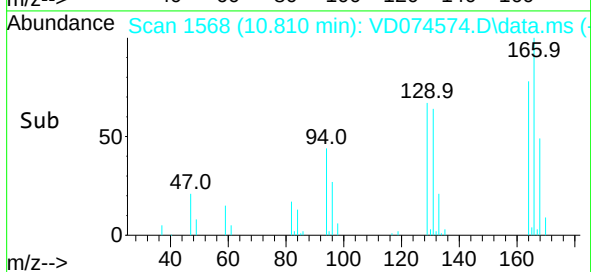
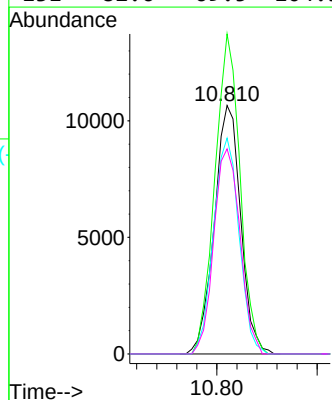
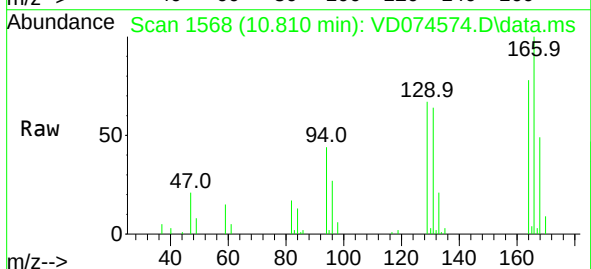
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

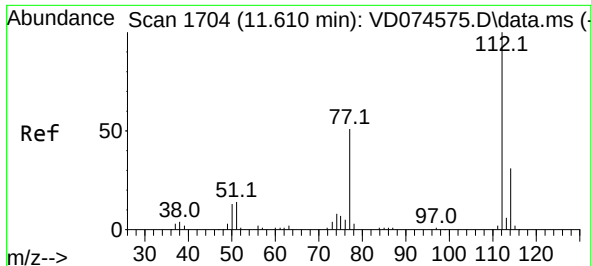
Tgt Ion:117 Resp: 128102
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 33.9 25.2 37.8



#64
Tetrachloroethene
Concen: 20.562 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:164 Resp: 19470
Ion Ratio Lower Upper
164 100
166 128.8 107.8 161.8
129 86.9 77.4 116.2
131 82.6 69.5 104.3

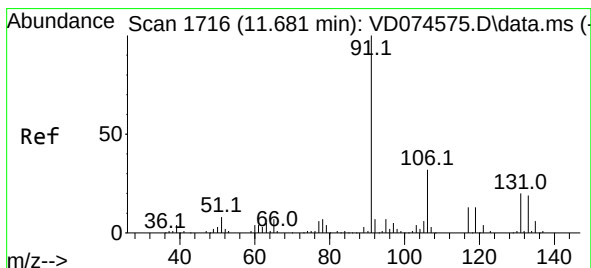
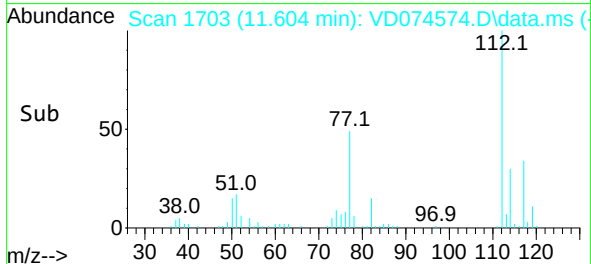
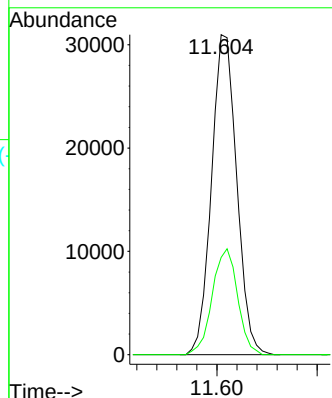
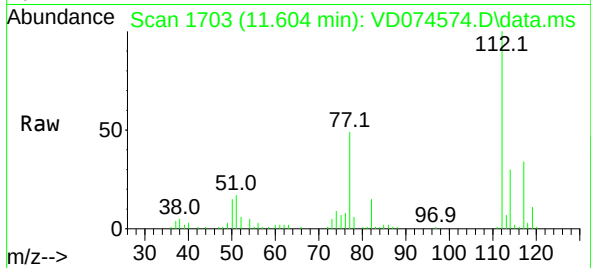




#65
Chlorobenzene
Concen: 20.042 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

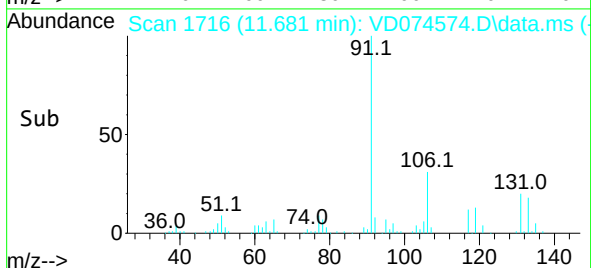
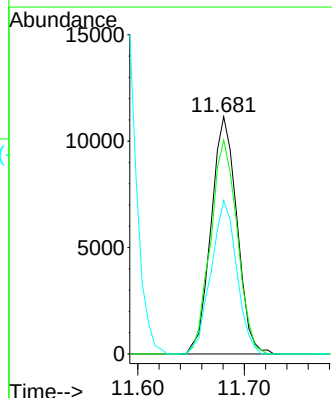
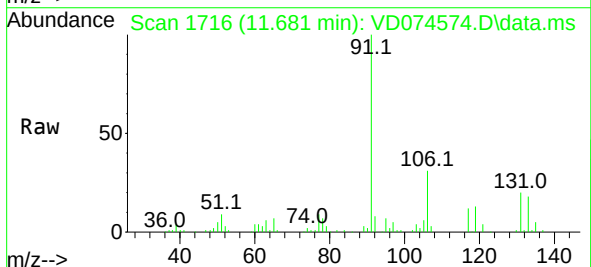
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

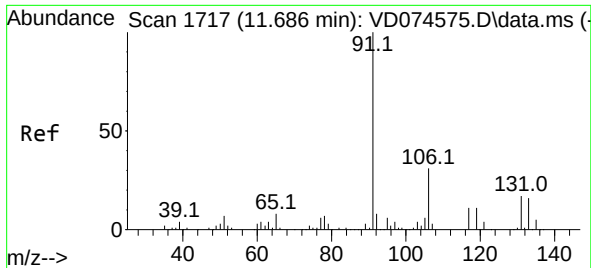
Tgt Ion:112 Resp: 54080
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:131 Resp: 18787
Ion Ratio Lower Upper
131 100
133 92.6 46.6 139.8
119 64.2 32.5 97.4





#67

Ethyl Benzene

Concen: 20.029 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

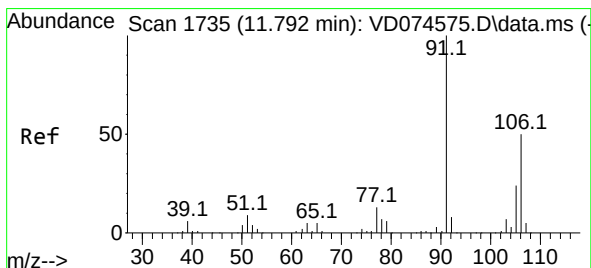
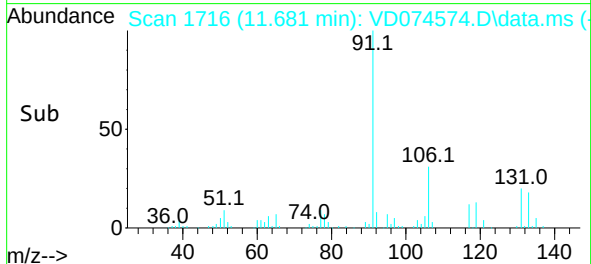
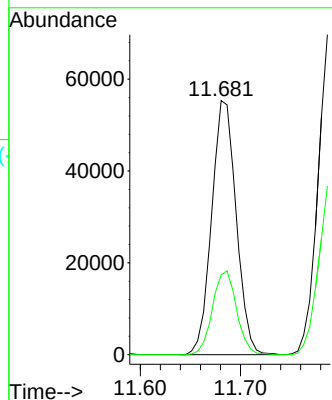
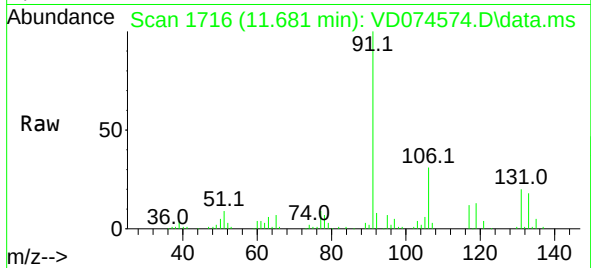
VSTDIC020

Tgt Ion: 91 Resp: 94110

Ion Ratio Lower Upper

91 100

106 31.4 26.6 40.0



#68

m/p-Xylenes

Concen: 40.611 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD074574.D

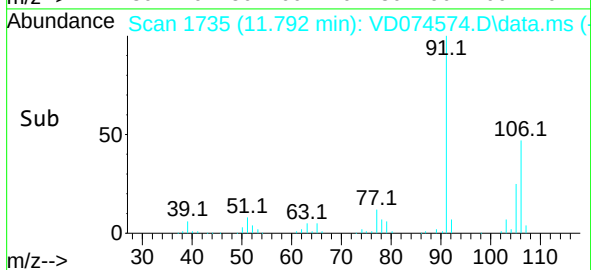
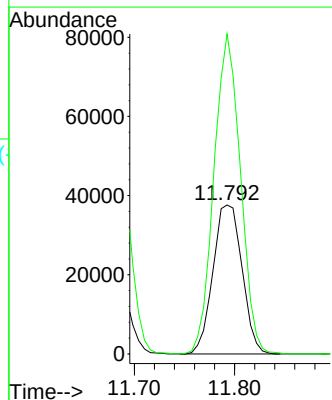
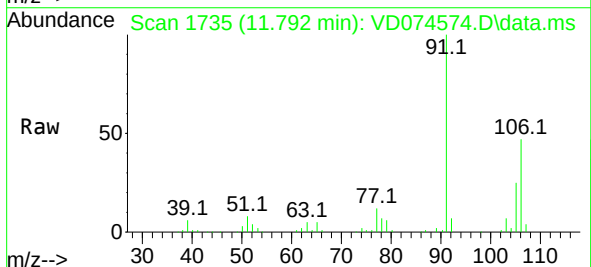
Acq: 19 Oct 2022 11:51

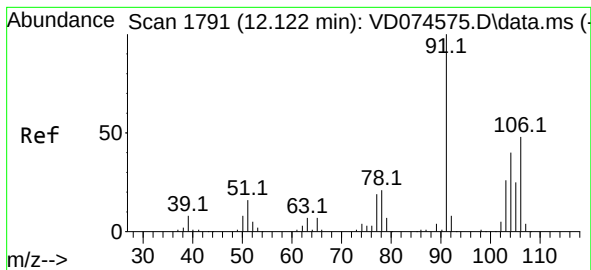
Tgt Ion:106 Resp: 75870

Ion Ratio Lower Upper

106 100

91 195.8 156.2 234.4





#69

o-Xylene

Concen: 20.429 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

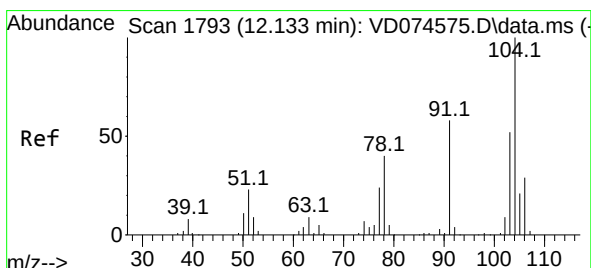
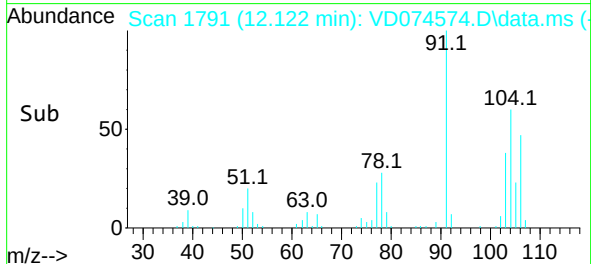
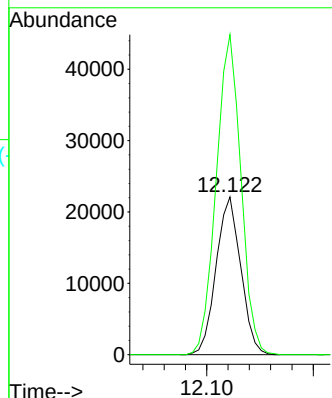
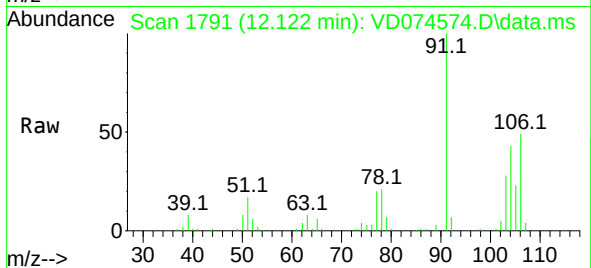
VSTDIC020

Tgt Ion:106 Resp: 35520

Ion Ratio Lower Upper

106 100

91 203.3 104.5 313.3



#70

Styrene

Concen: 20.702 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

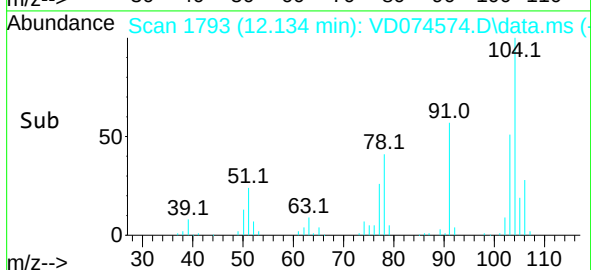
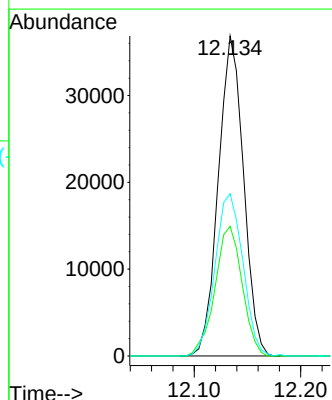
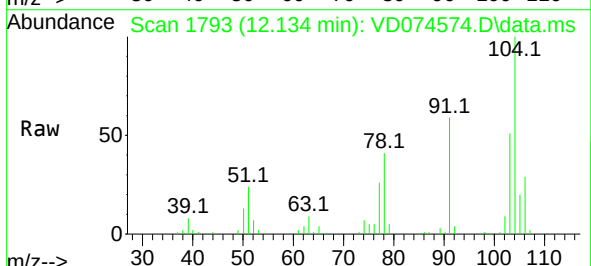
Tgt Ion:104 Resp: 60620

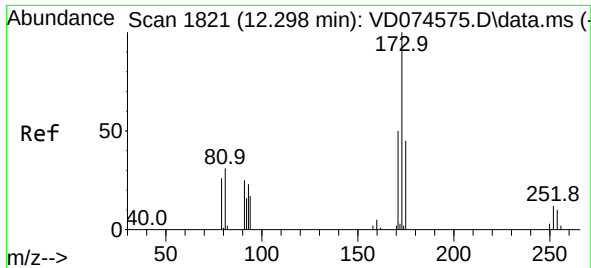
Ion Ratio Lower Upper

104 100

78 43.6 35.7 53.5

103 56.2 43.7 65.5

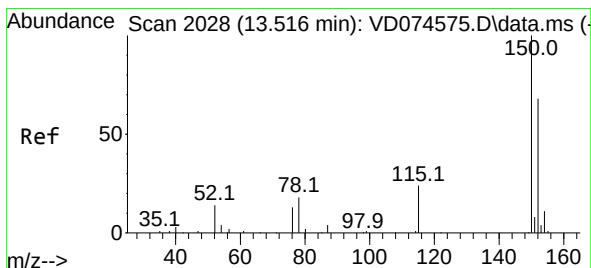
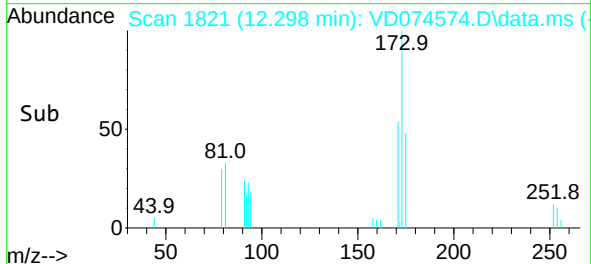
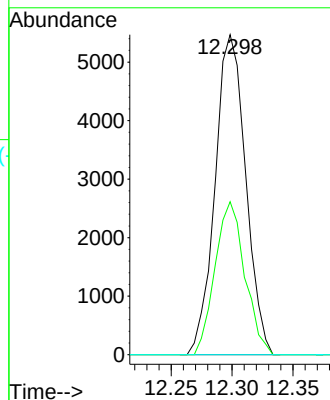
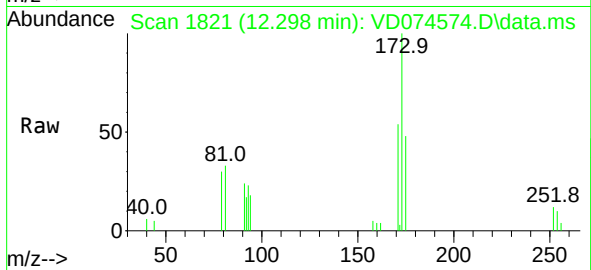




#71
Bromoform
Concen: 19.660 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

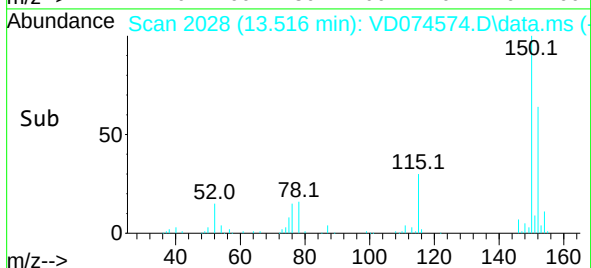
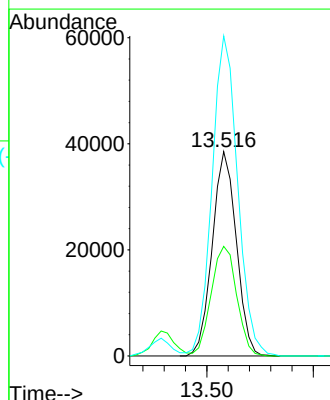
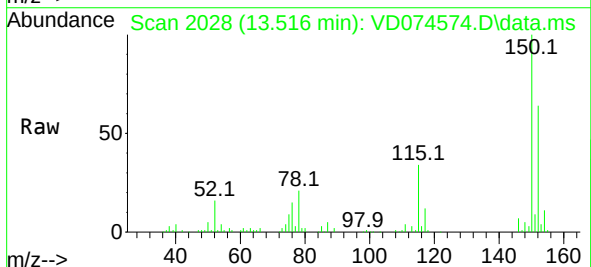
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

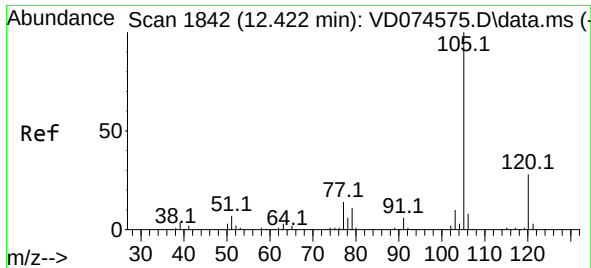
Tgt Ion:173 Resp: 9569
Ion Ratio Lower Upper
173 100
175 46.5 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:152 Resp: 60418
Ion Ratio Lower Upper
152 100
115 56.8 26.8 80.4
150 166.9 0.0 348.2

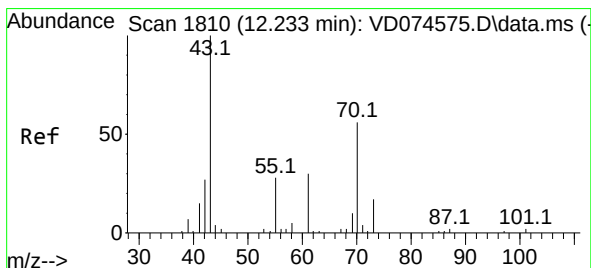
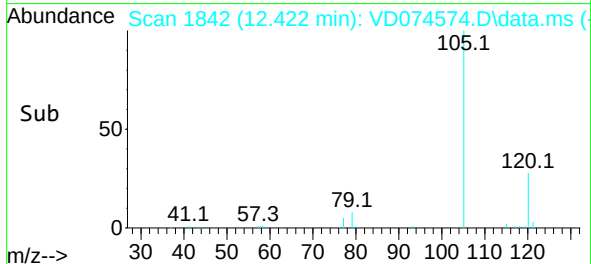
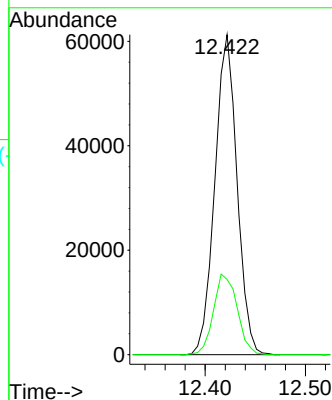
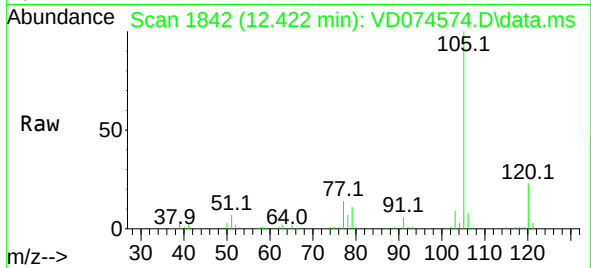




#73
Isopropylbenzene
Concen: 19.972 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

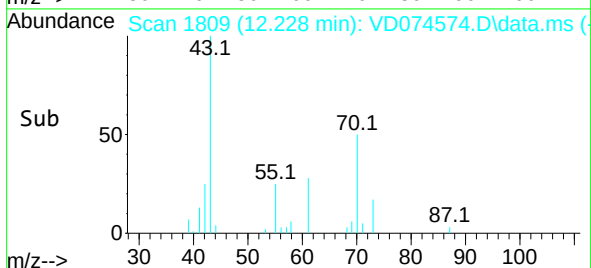
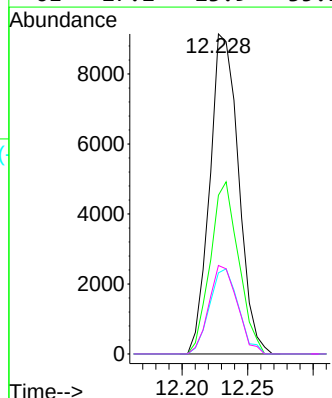
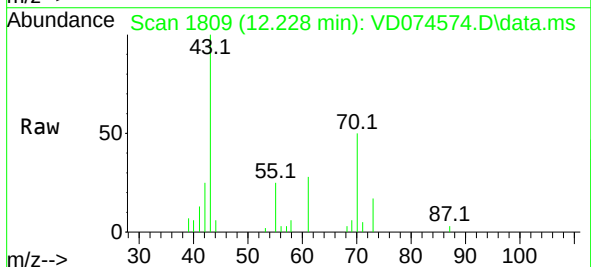
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

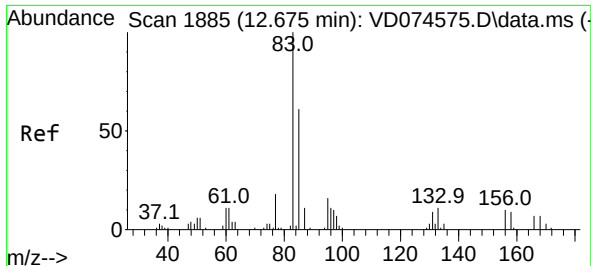
Tgt Ion:105 Resp: 94106
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 20.054 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 43 Resp: 13967
Ion Ratio Lower Upper
43 100
70 52.9 43.8 65.6
55 26.7 22.0 33.0
61 27.2 23.9 35.9

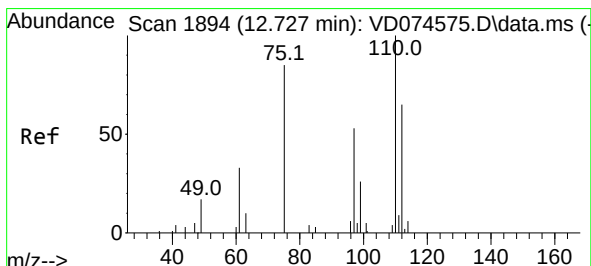
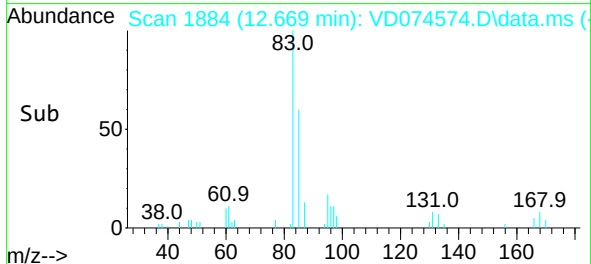
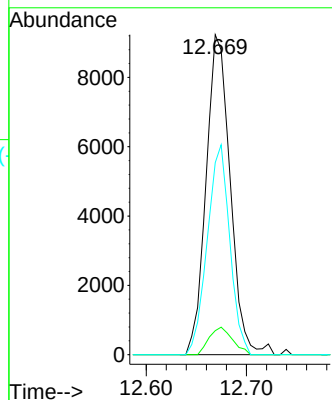
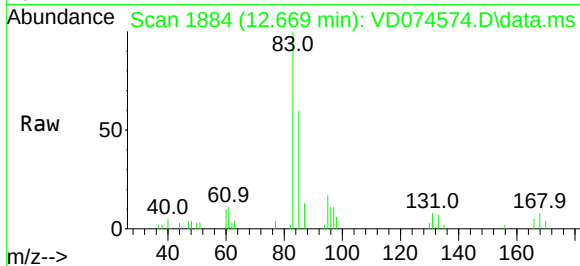




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.738 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

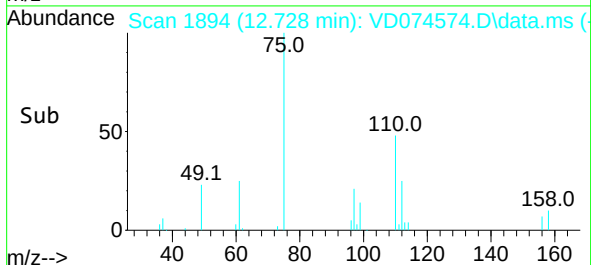
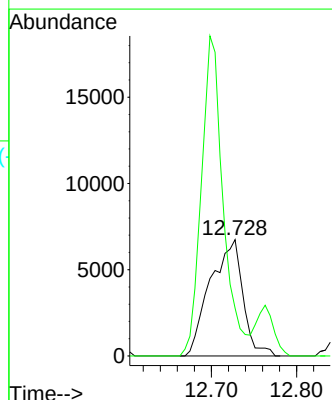
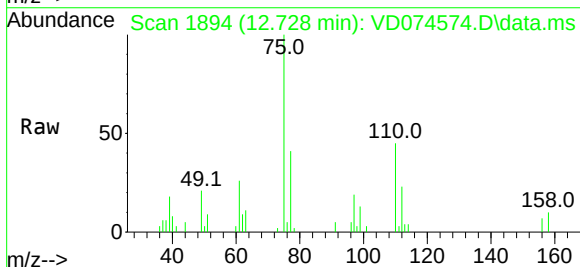
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

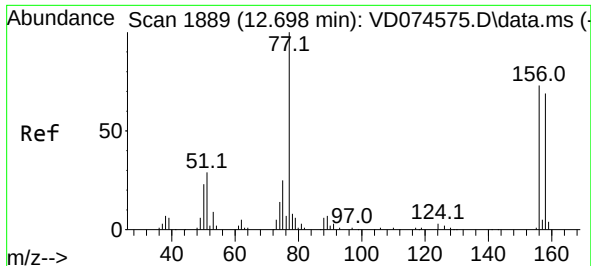
Tgt Ion: 83 Resp: 15469
 Ion Ratio Lower Upper
 83 100
 131 8.3 4.7 14.1
 85 61.1 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 36.095 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.012 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

Tgt Ion: 75 Resp: 17947
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

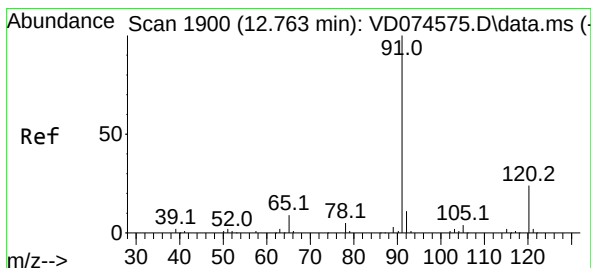
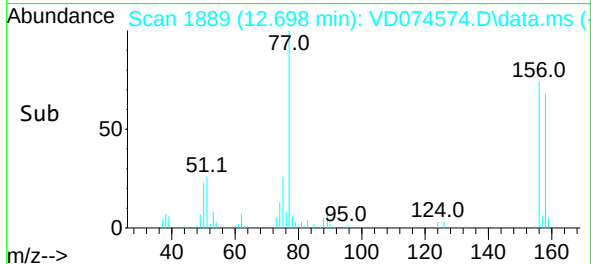
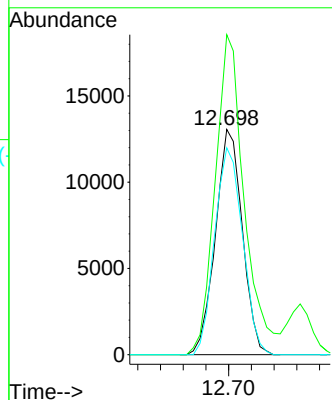
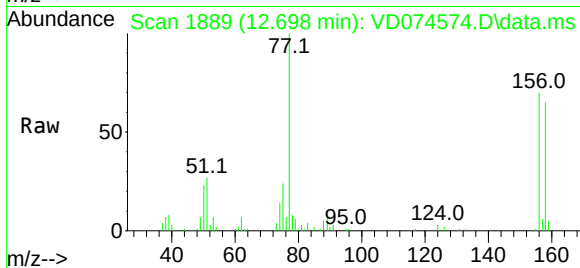




#77
Bromobenzene
Concen: 20.189 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

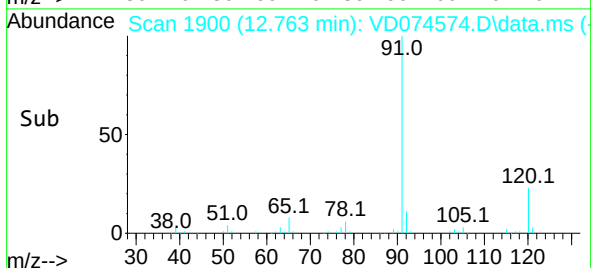
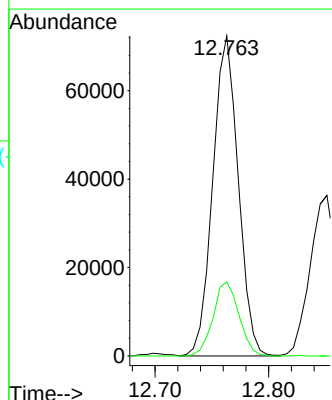
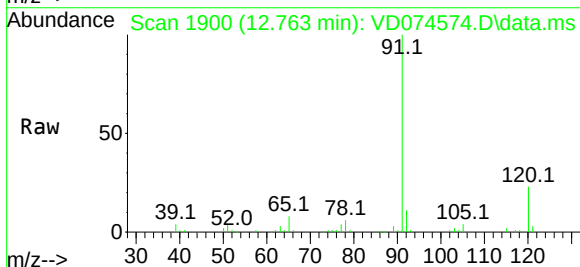
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

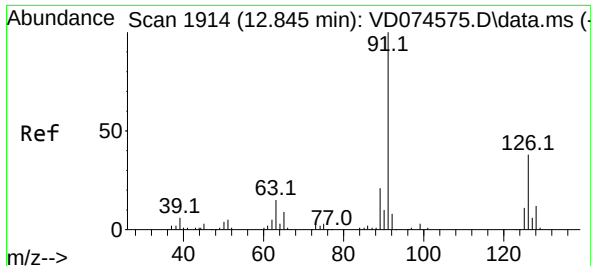
Tgt Ion:156 Resp: 21470
Ion Ratio Lower Upper
156 100
77 154.1 77.7 233.1
158 95.4 49.4 148.2



#78
n-propylbenzene
Concen: 20.236 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 91 Resp: 112687
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.7





#79

2-Chlorotoluene

Concen: 20.065 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

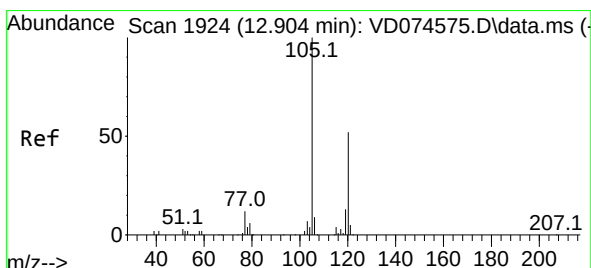
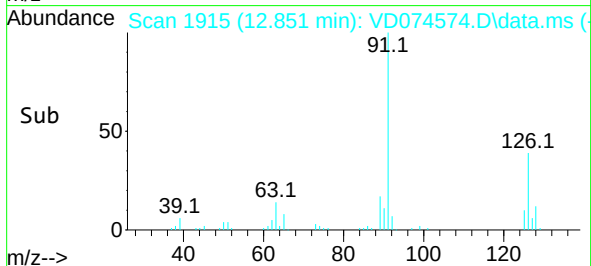
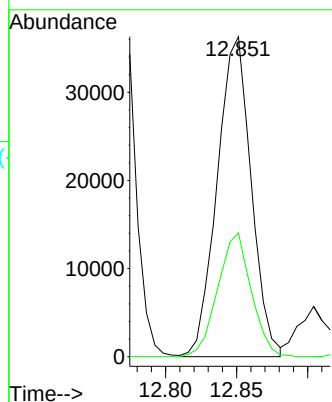
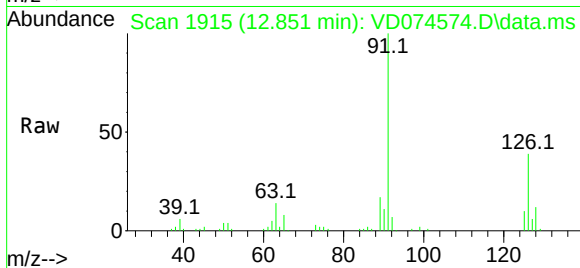
VSTDIC020

Tgt Ion: 91 Resp: 60530

Ion Ratio Lower Upper

91 100

126 38.0 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.512 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VD074574.D

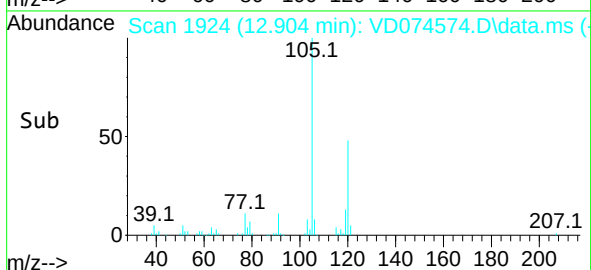
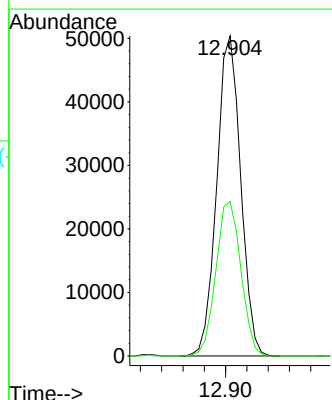
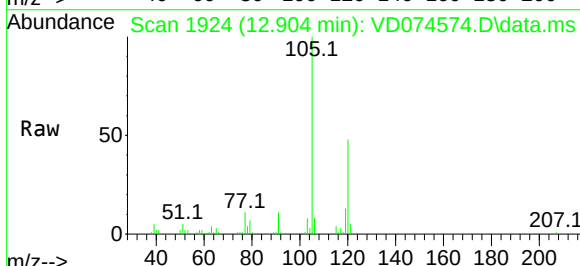
Acq: 19 Oct 2022 11:51

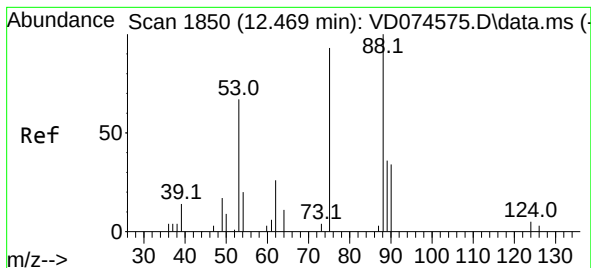
Tgt Ion: 105 Resp: 78456

Ion Ratio Lower Upper

105 100

120 50.4 25.7 77.0

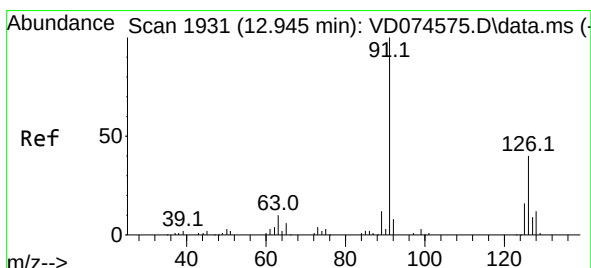
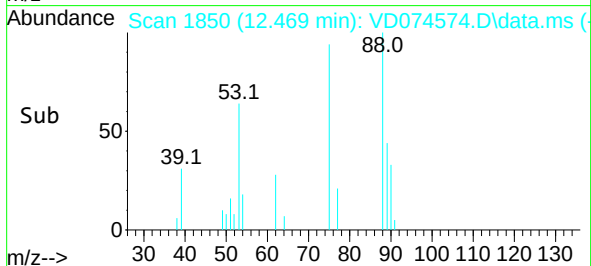
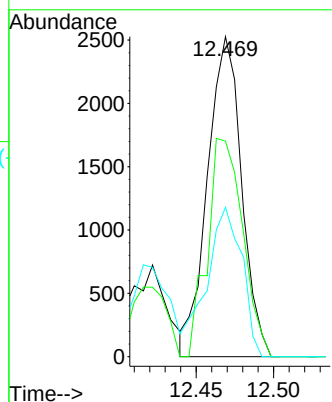
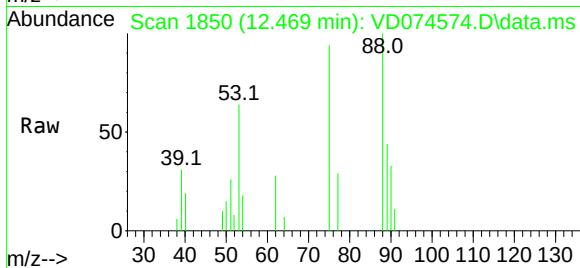




#81
trans-1,4-Dichloro-2-butene
Concen: 18.713 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

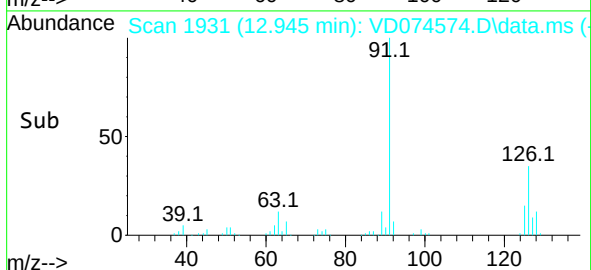
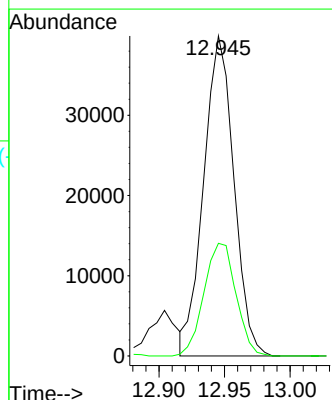
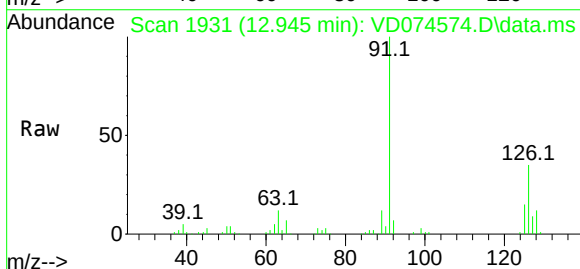
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

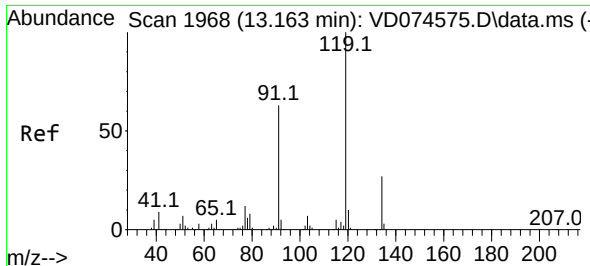
Tgt Ion: 75 Resp: 3863
Ion Ratio Lower Upper
75 100
53 70.7 63.8 95.6
89 48.4 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.614 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion: 91 Resp: 63891
Ion Ratio Lower Upper
91 100
126 37.3 18.8 56.4

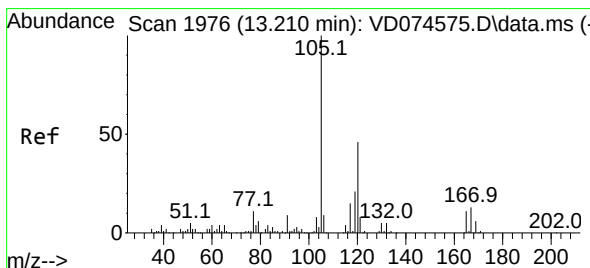
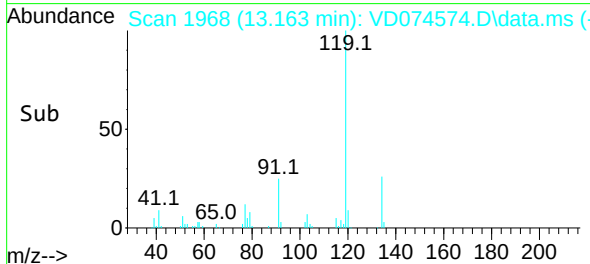
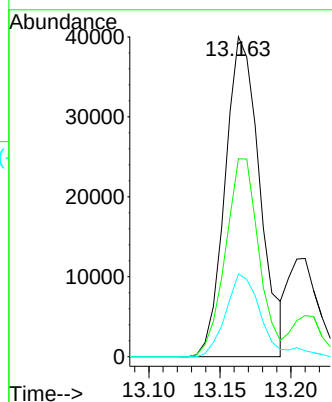
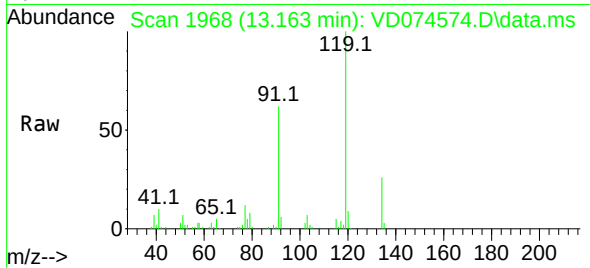




#83
tert-Butylbenzene
Concen: 19.914 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

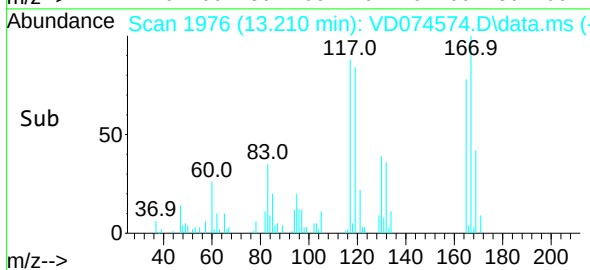
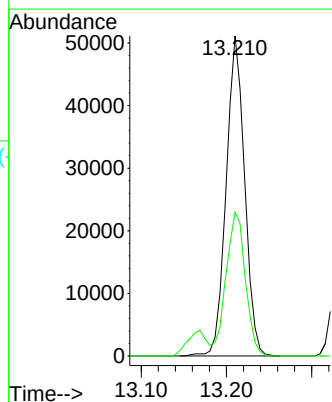
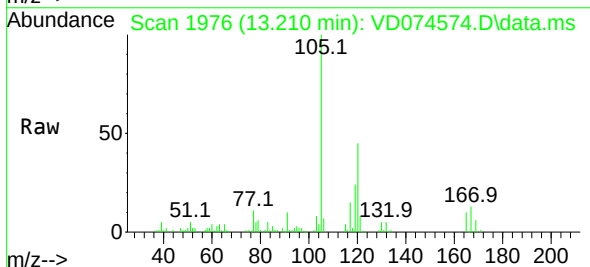
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

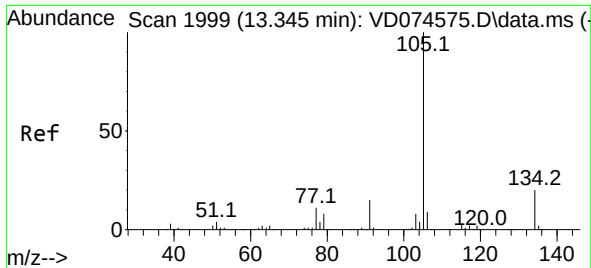
Tgt Ion:119 Resp: 67951
Ion Ratio Lower Upper
119 100
91 59.7 30.0 90.0
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.428 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:105 Resp: 76890
Ion Ratio Lower Upper
105 100
120 47.1 22.9 68.7

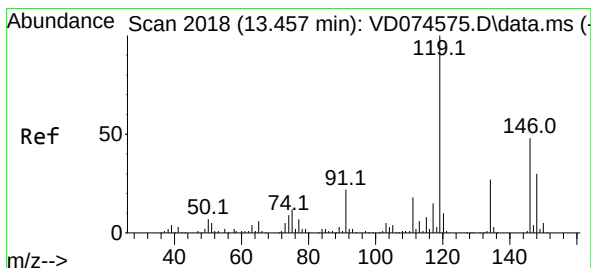
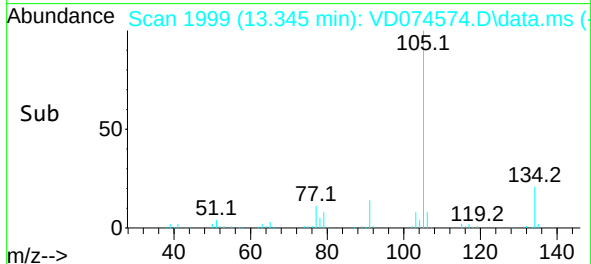
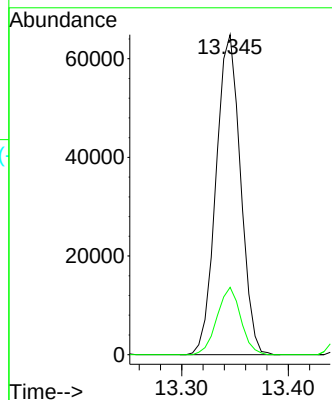
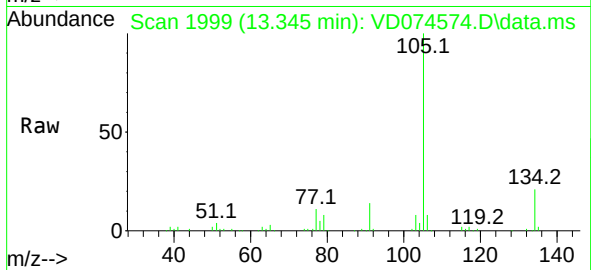




#85
 sec-Butylbenzene
 Concen: 20.171 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

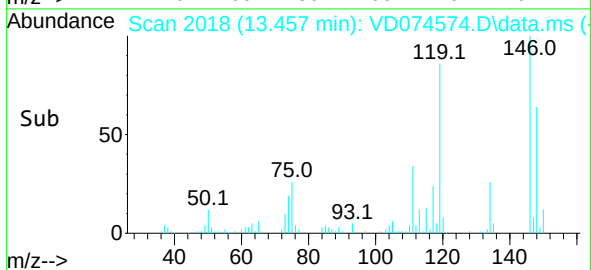
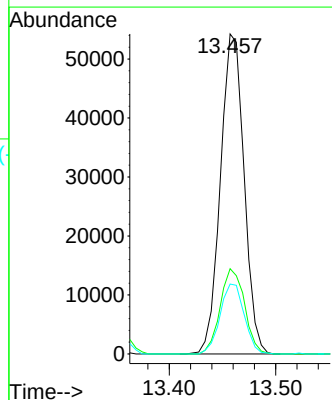
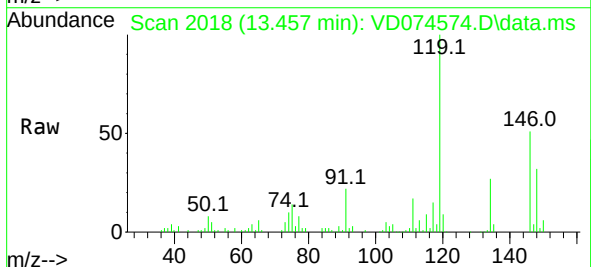
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

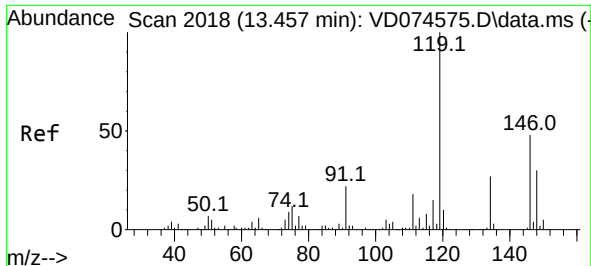
Tgt Ion:105 Resp: 103285
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.469 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074574.D
 Acq: 19 Oct 2022 11:51

Tgt Ion:119 Resp: 83517
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.5 40.4
 91 22.4 10.8 32.4

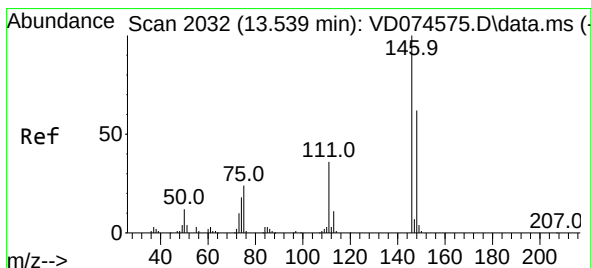
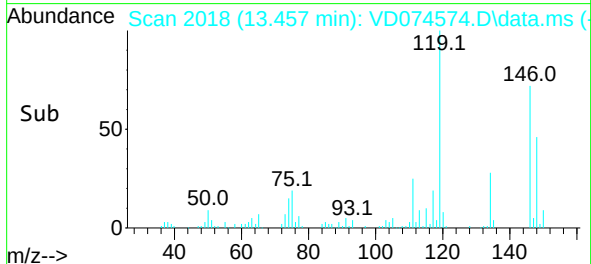
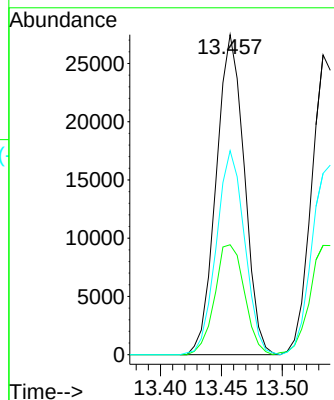
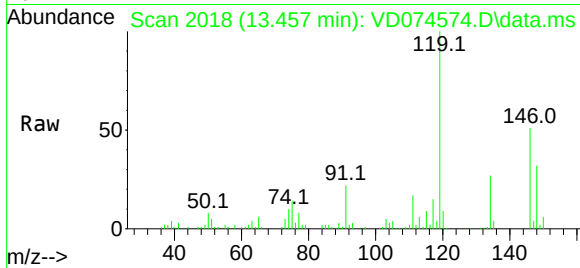




#87
1,3-Dichlorobenzene
Concen: 19.989 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

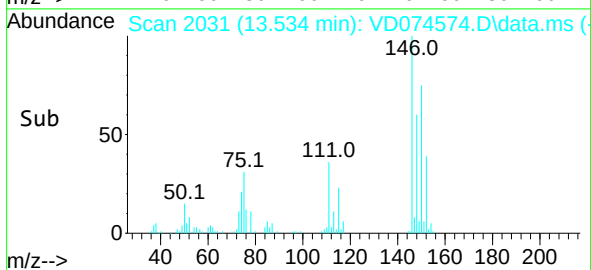
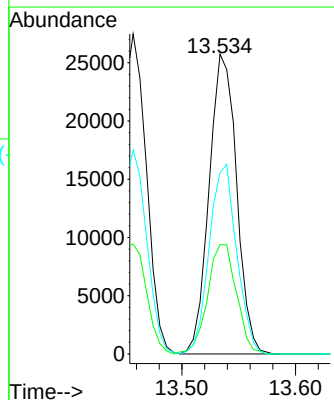
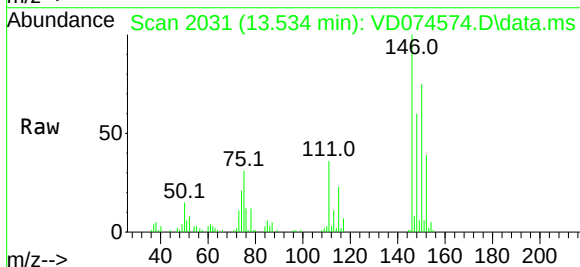
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

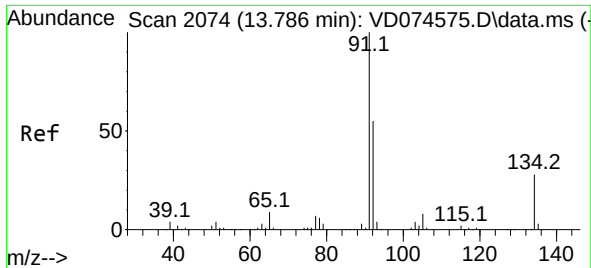
Tgt Ion:146 Resp: 44175
Ion Ratio Lower Upper
146 100
111 36.2 18.3 54.8
148 64.1 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.022 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:146 Resp: 43316
Ion Ratio Lower Upper
146 100
111 38.3 17.7 53.1
148 63.3 32.3 96.9

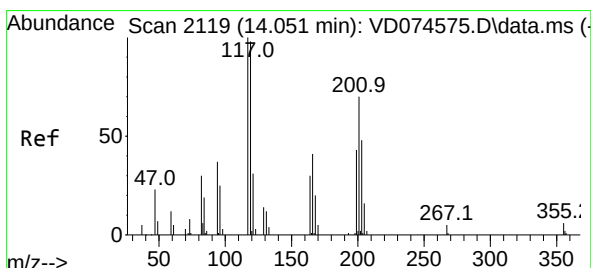
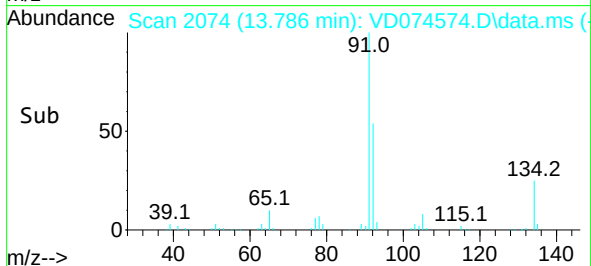
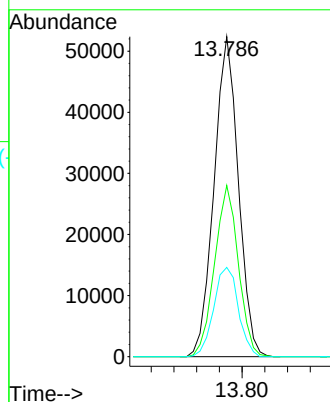
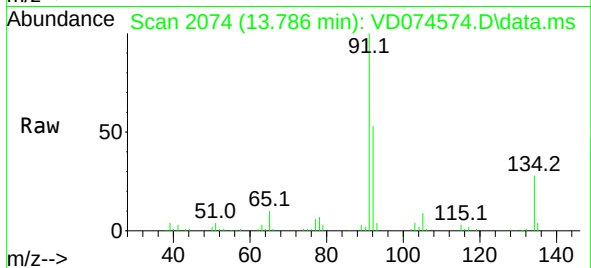




#89
n-Butylbenzene
Concen: 19.895 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

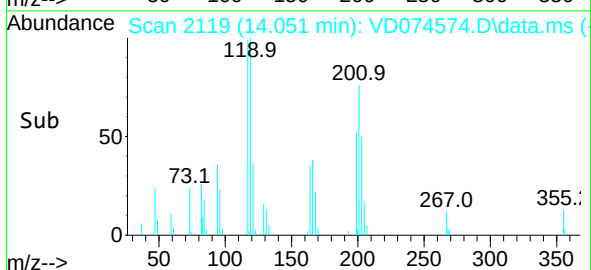
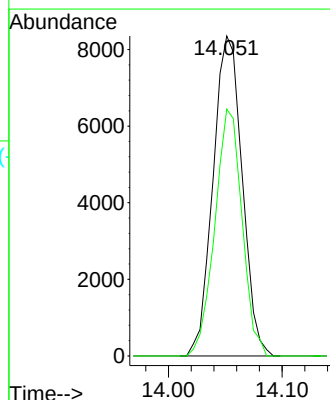
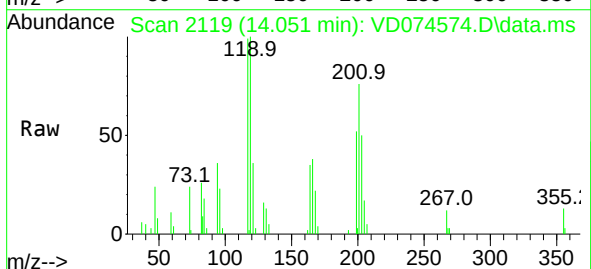
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

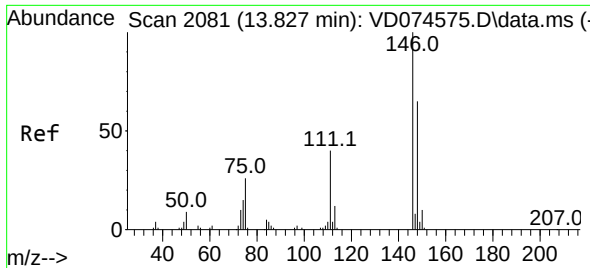
Tgt Ion:	91	Resp:	77751
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.7
134	28.3	13.4	40.2



#90
Hexachloroethane
Concen: 19.925 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:	117	Resp:	14877
Ion	Ratio	Lower	Upper
117	100		
201	72.0	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 20.124 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

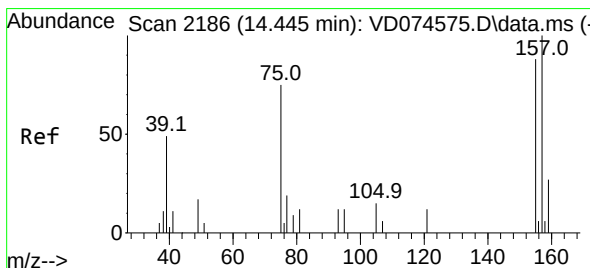
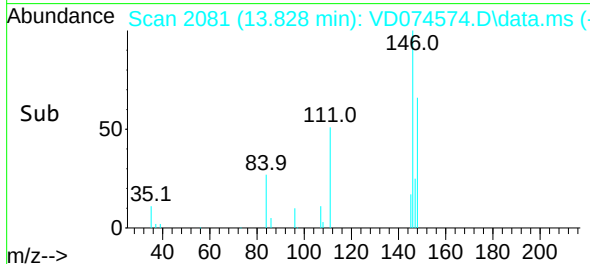
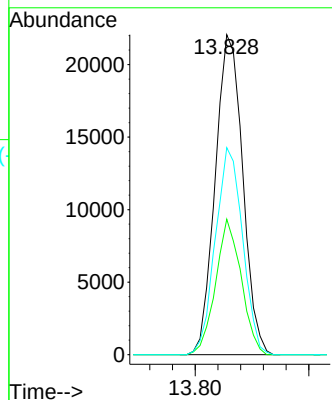
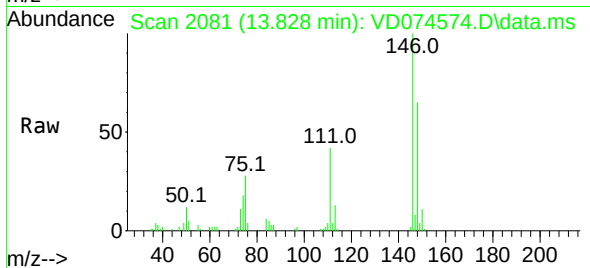
Tgt Ion:146 Resp: 37097

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.5

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.641 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.012 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

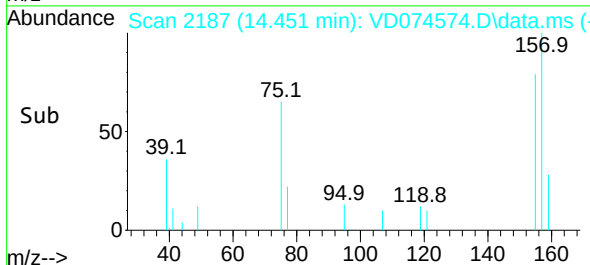
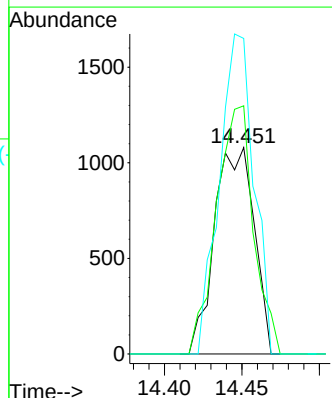
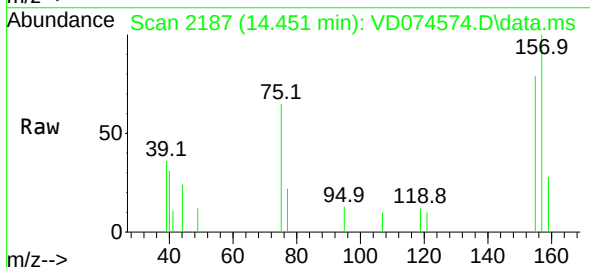
Tgt Ion: 75 Resp: 1923

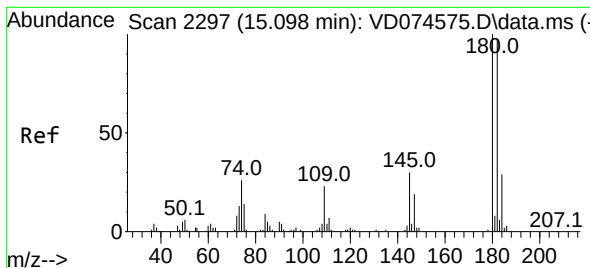
Ion Ratio Lower Upper

75 100

155 112.5 51.2 153.8

157 134.8 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 20.173 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

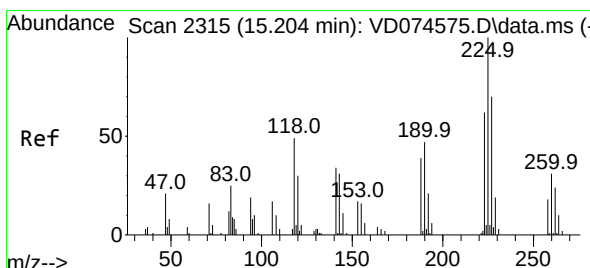
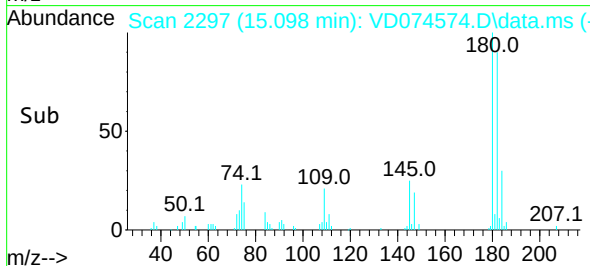
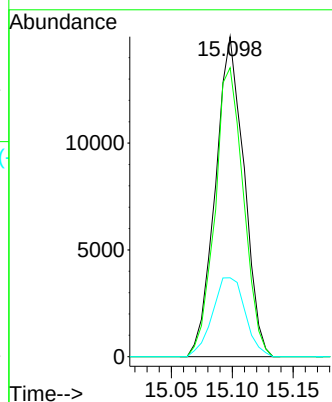
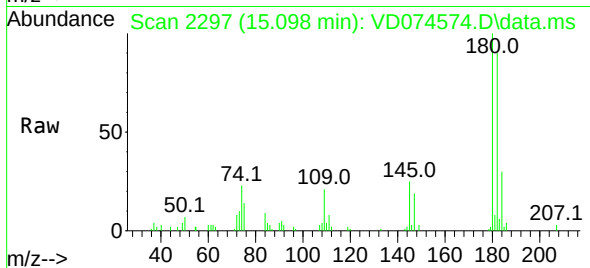
Tgt Ion:180 Resp: 24532

Ion Ratio Lower Upper

180 100

182 89.7 46.9 140.6

145 28.2 14.1 42.3



#94

Hexachlorobutadiene

Concen: 18.843 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD074574.D

Acq: 19 Oct 2022 11:51

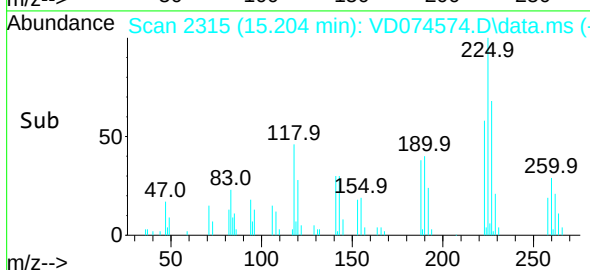
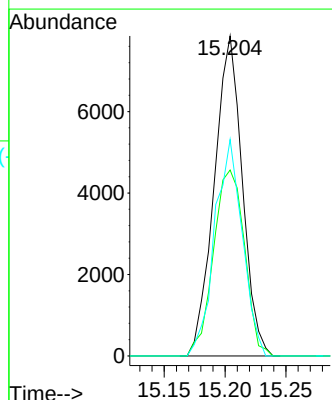
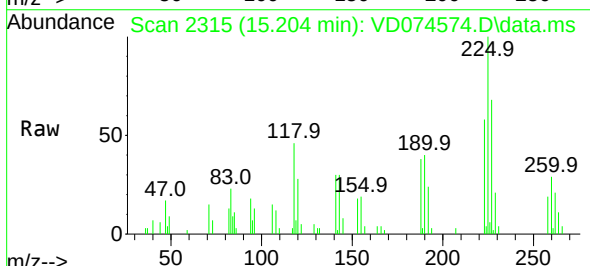
Tgt Ion:225 Resp: 12606

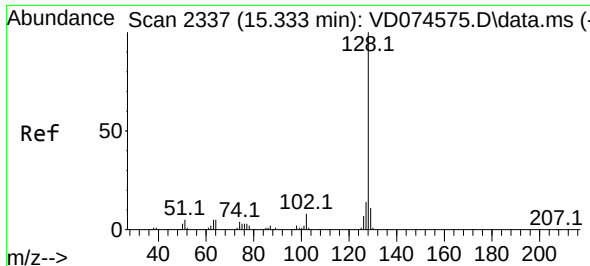
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.5

227 66.7 32.6 97.8

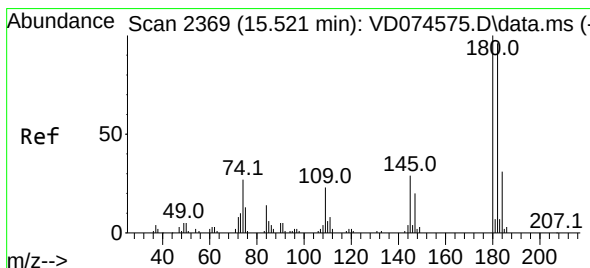
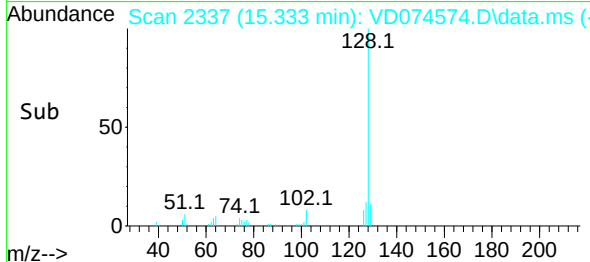
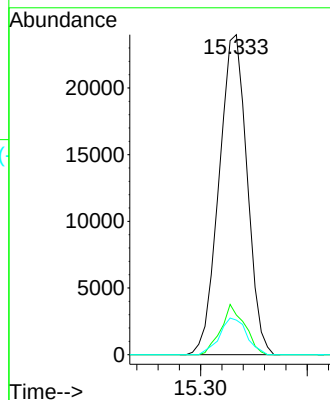
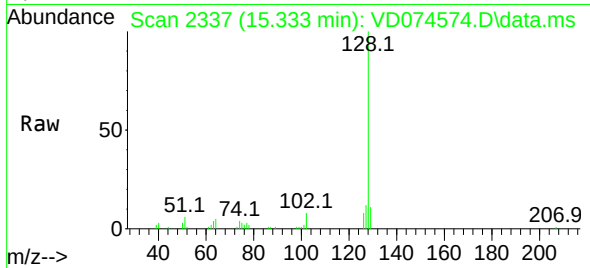




#95
Naphthalene
Concen: 19.135 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	43804
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.1	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 20.165 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074574.D
Acq: 19 Oct 2022 11:51

Tgt Ion:	180	Resp:	21021
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.7	140.1
145	30.1	14.9	44.7

