

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074418.D
 Acq On : 26 Sep 2022 13:28
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 27 02:02:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:58:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	45745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49587	91.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.840%#	
35) Dibromofluoromethane	7.805	113	63737	88.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 176.620%#	
50) Toluene-d8	10.269	98	230387	102.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 205.600%#	
62) 4-Bromofluorobenzene	12.569	95	73269	81.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 163.160%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	46977	91.519	ug/l	95
3) Chloromethane	2.140	50	41327	79.874	ug/l	96
4) Vinyl Chloride	2.275	62	41145	93.466	ug/l	98
5) Bromomethane	2.669	94	30722	90.984	ug/l	96
6) Chloroethane	2.828	64	28596	93.706	ug/l	90
7) Trichlorofluoromethane	3.164	101	95217	93.566	ug/l	100
8) Diethyl Ether	3.587	74	30208	99.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	66640	96.091	ug/l	100
10) Methyl Iodide	4.158	142	76934	128.675	ug/l	98
11) Tert butyl alcohol	5.058	59	24146	245.818	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	62338	95.508	ug/l	91
13) Acrolein	3.793	56	16279	430.039	ug/l	99
14) Allyl chloride	4.558	41	65373	97.485	ug/l	99
15) Acrylonitrile	5.252	53	62761	494.554	ug/l	100
16) Acetone	4.022	43	44279	426.975	ug/l	98
17) Carbon Disulfide	4.264	76	136548	91.684	ug/l	98
18) Methyl Acetate	4.564	43	28507	84.228	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	139326	99.302	ug/l	98
20) Methylene Chloride	4.799	84	71239	69.641	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	66946	96.244	ug/l	94
22) Diisopropyl ether	6.216	45	150416	97.687	ug/l	99
23) Vinyl Acetate	6.158	43	360234	569.401	ug/l	95
24) 1,1-Dichloroethane	6.116	63	110352	94.639	ug/l	97
25) 2-Butanone	7.081	43	65950	460.264	ug/l	93
26) 2,2-Dichloropropane	7.075	77	102705	95.670	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	80073	97.732	ug/l	100
28) Bromochloromethane	7.422	49	36400	97.375	ug/l	100
29) Tetrahydrofuran	7.440	42	41225	503.042	ug/l	98
30) Chloroform	7.599	83	123340	94.317	ug/l	99
31) Cyclohexane	7.875	56	83884	91.809	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	111138	98.905	ug/l	98
36) 1,1-Dichloropropene	8.005	75	87026	98.231	ug/l	99
37) Ethyl Acetate	7.163	43	30757	104.517	ug/l	98
38) Carbon Tetrachloride	7.993	117	89357	106.564	ug/l	96
39) Methylcyclohexane	9.275	83	106695	102.041	ug/l	96
40) Benzene	8.252	78	258380	98.592	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	19961	110.606	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	63524	96.884	ug/l	99
43) Isopropyl Acetate	8.357	43	59908	105.083	ug/l	98
44) Trichloroethene	9.028	130	79342	99.623	ug/l	99
45) 1,2-Dichloropropane	9.304	63	63072	100.838	ug/l	93
46) Dibromomethane	9.393	93	37420	100.274	ug/l	96
47) Bromodichloromethane	9.587	83	92340	97.461	ug/l	95
48) Methyl methacrylate	9.381	41	27284	106.483	ug/l	96
49) 1,4-Dioxane	9.381	88	8349	2264.184	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	152759	520.247	ug/l	99
52) Toluene	10.334	92	171367	101.508	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	84538	107.139	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	102082	101.792	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	52900	102.472	ug/l	97
56) Ethyl methacrylate	10.598	69	61866	107.723	ug/l	98
57) 1,3-Dichloropropane	10.881	76	84903	101.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60429	677.041	ug/l	99
59) 2-Hexanone	10.922	43	103413	523.554	ug/l	97
60) Dibromochloromethane	11.075	129	66174	102.918	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50832	102.168	ug/l	100
64) Tetrachloroethene	10.810	164	65176	92.884	ug/l	92
65) Chlorobenzene	11.604	112	191478	98.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	70931	101.356	ug/l	99
67) Ethyl Benzene	11.681	91	346100	101.597	ug/l	97
68) m/p-Xylenes	11.793	106	271749	202.574	ug/l	99
69) o-Xylene	12.116	106	129077	103.622	ug/l	96
70) Styrene	12.134	104	216978	100.367	ug/l	98
71) Bromoform	12.298	173	40557	104.987	ug/l #	99
73) Isopropylbenzene	12.416	105	346262	102.372	ug/l	100
74) N-amyl acetate	12.228	43	56538	106.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	58620	98.898	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	67050	189.890	ug/l #	1
77) Bromobenzene	12.698	156	80601	99.983	ug/l	99
78) n-propylbenzene	12.757	91	408469	100.311	ug/l	100
79) 2-Chlorotoluene	12.845	91	218789	99.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	280563	100.281	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	17109	119.981	ug/l	92
82) 4-Chlorotoluene	12.945	91	224756	99.547	ug/l	99
83) tert-Butylbenzene	13.163	119	255755	101.563	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	276079	99.117	ug/l	99
85) sec-Butylbenzene	13.340	105	380551	100.252	ug/l	99
86) p-Isopropyltoluene	13.457	119	321000	101.413	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	163322	98.921	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	159588	96.587	ug/l	99
89) n-Butylbenzene	13.781	91	295671	100.949	ug/l	99
90) Hexachloroethane	14.051	117	56963	101.701	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	139019	96.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8132	109.021	ug/l	100
93) 1,2,4-Trichlorobenzene	15.092	180	96545	99.886	ug/l	99
94) Hexachlorobutadiene	15.198	225	52795	98.980	ug/l	100
95) Naphthalene	15.328	128	184908	104.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	83710	99.750	ug/l	98

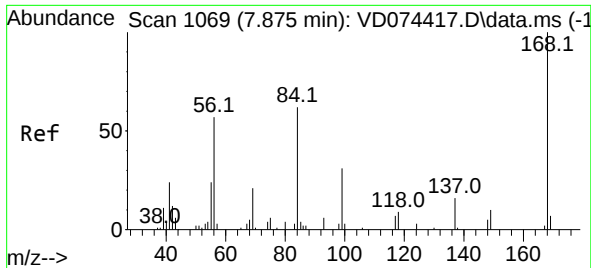
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Quant Title : SW846 8260
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Response via : Initial Calibration

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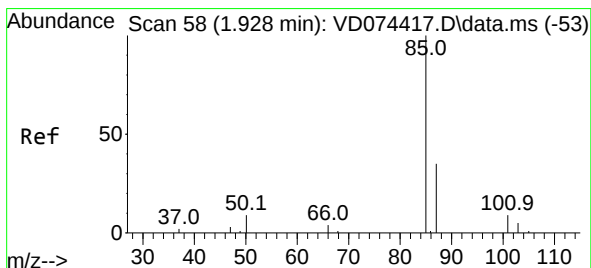
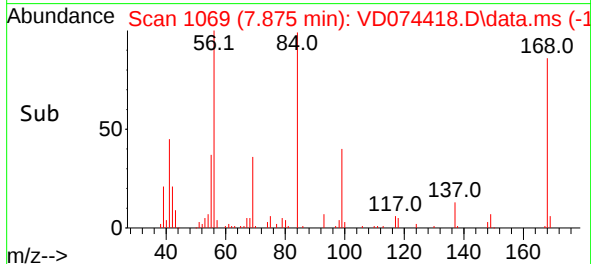
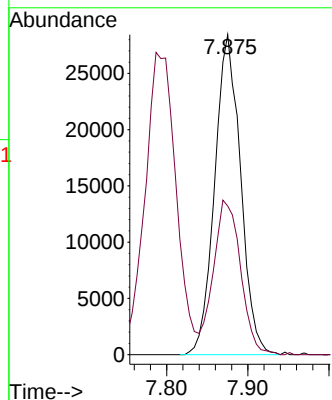
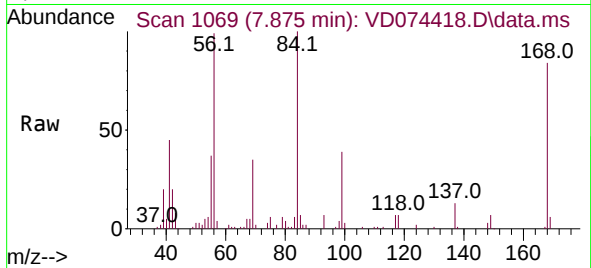
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

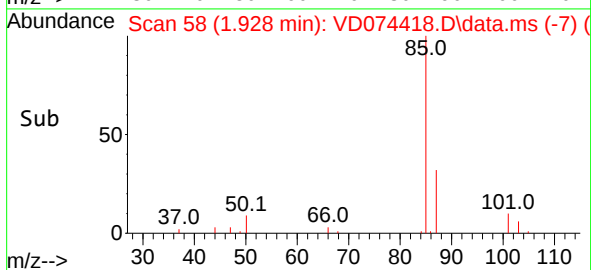
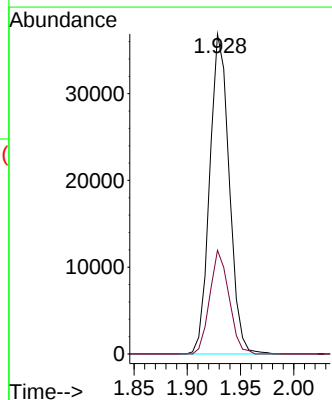
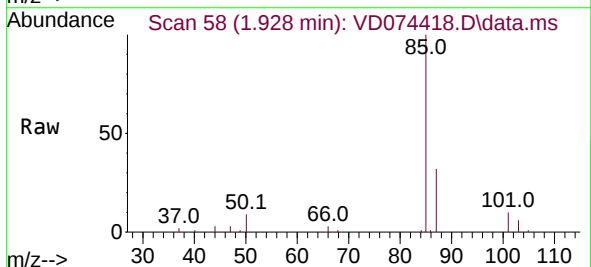
Instrument :
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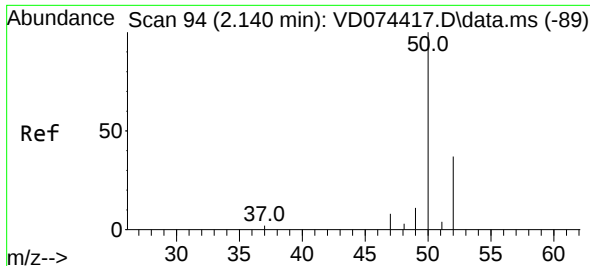
Tgt Ion:168 Resp: 62958
Ion Ratio Lower Upper
168 100
99 46.4 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 91.519 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 85 Resp: 46977
Ion Ratio Lower Upper
85 100
87 32.4 17.5 52.6

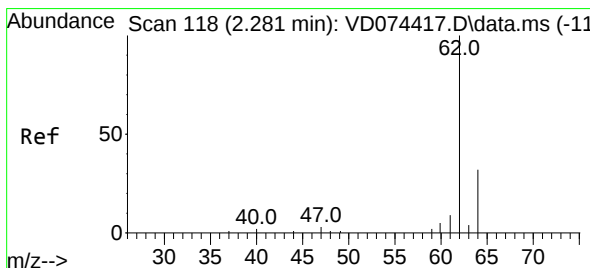
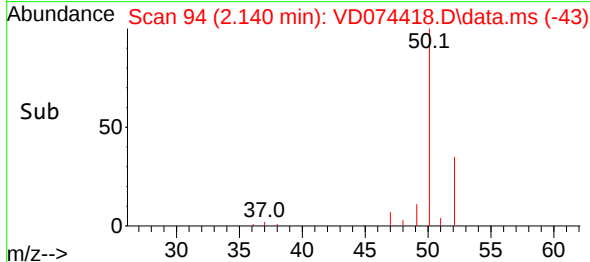
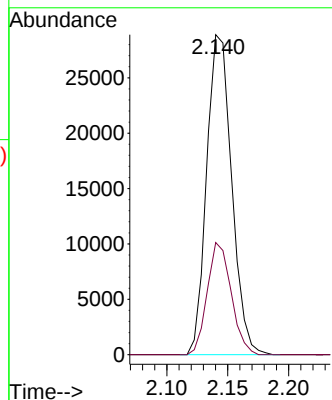
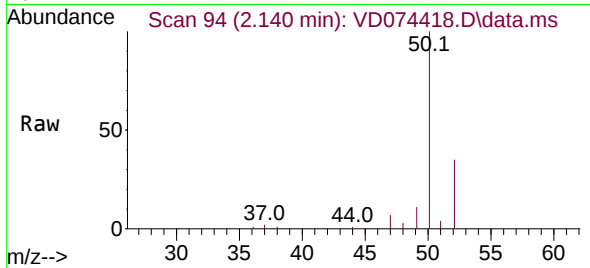




#3
Chloromethane
Concen: 79.874 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

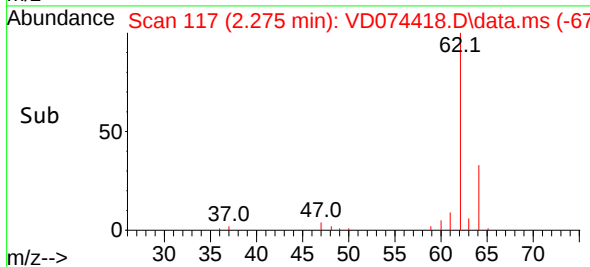
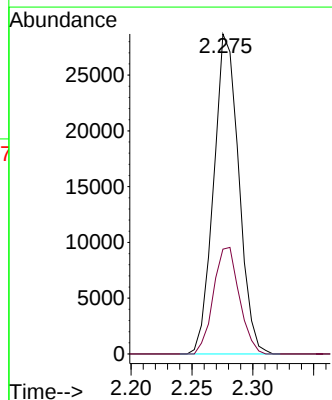
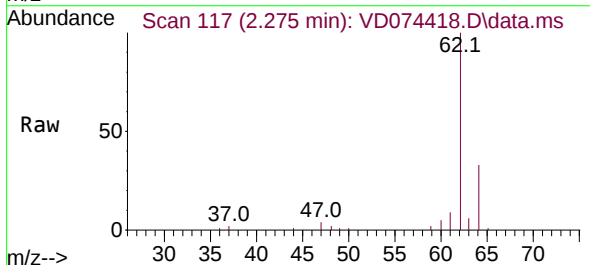
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

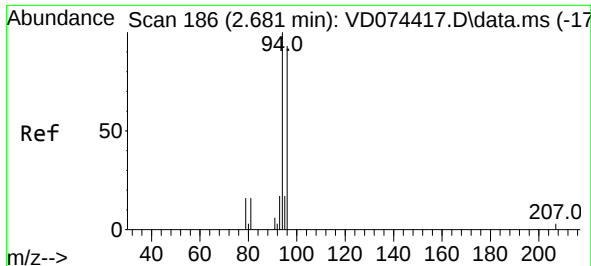
Tgt Ion: 50 Resp: 41327
Ion Ratio Lower Upper
50 100
52 35.1 30.0 45.0



#4
Vinyl Chloride
Concen: 93.466 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 62 Resp: 41145
Ion Ratio Lower Upper
62 100
64 32.8 25.5 38.3

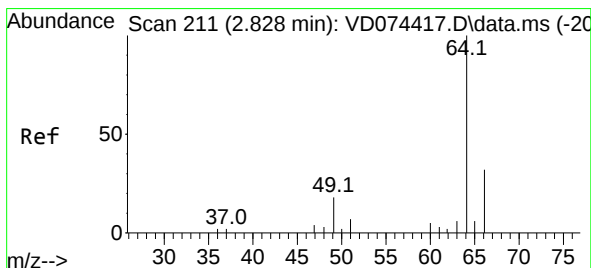
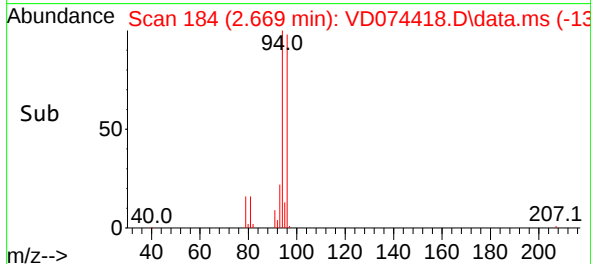
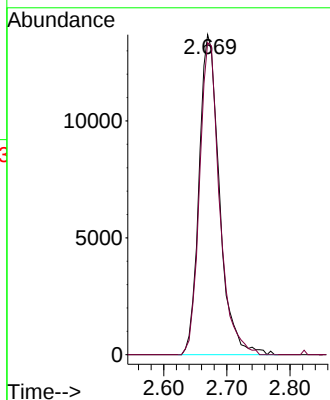
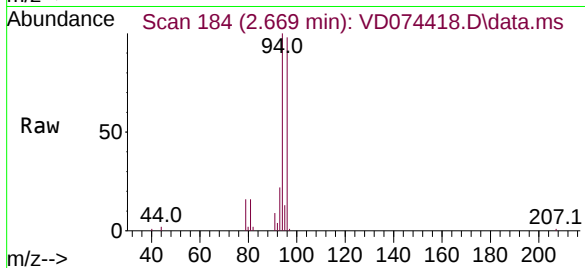




#5
Bromomethane
Concen: 90.984 ug/l
RT: 2.669 min Scan# 184
Delta R.T. -0.012 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

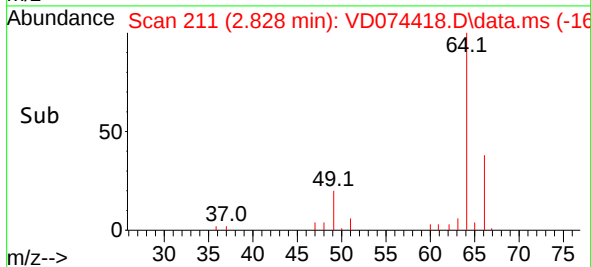
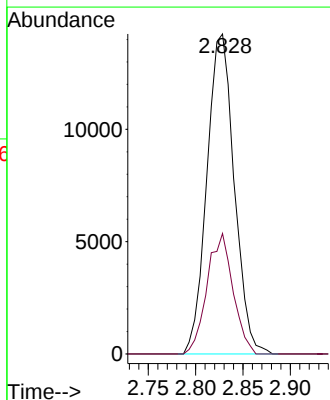
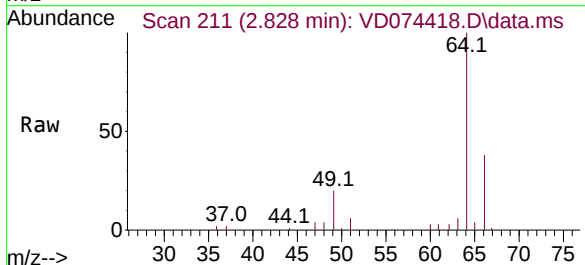
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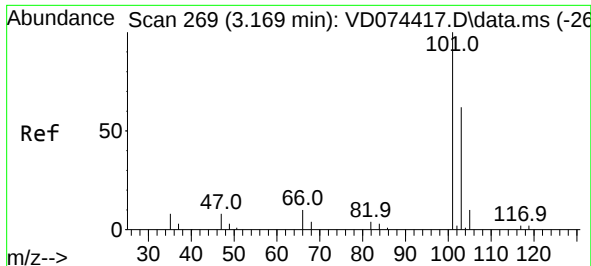
Tgt Ion: 94 Resp: 30722
Ion Ratio Lower Upper
94 100
96 97.5 74.6 112.0



#6
Chloroethane
Concen: 93.706 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 64 Resp: 28596
Ion Ratio Lower Upper
64 100
66 37.6 25.8 38.8

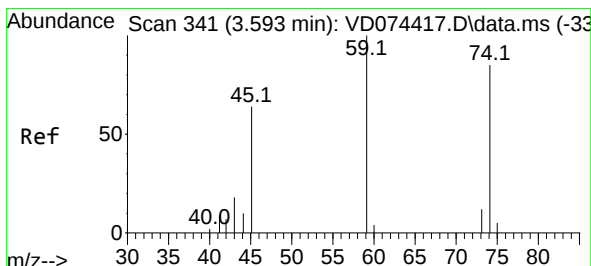
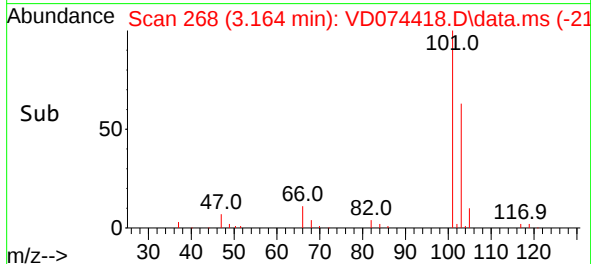
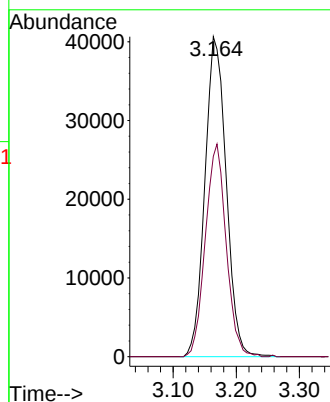
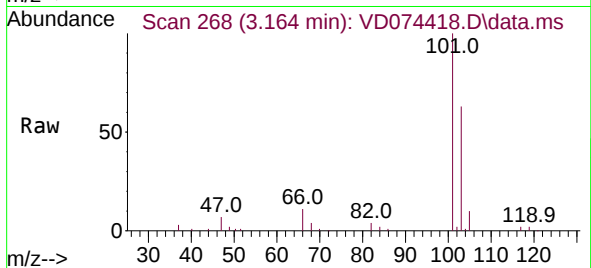




#7
 Trichlorofluoromethane
 Concen: 93.566 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

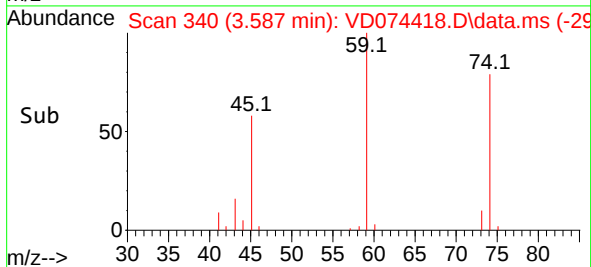
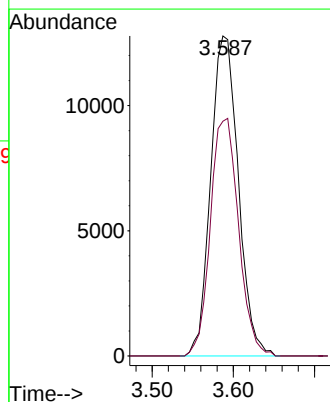
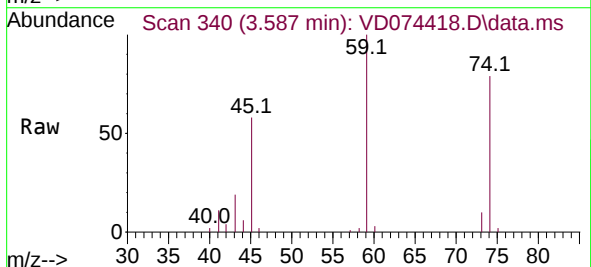
Instrument :
 MSVOA_D
 ClientSampleId :
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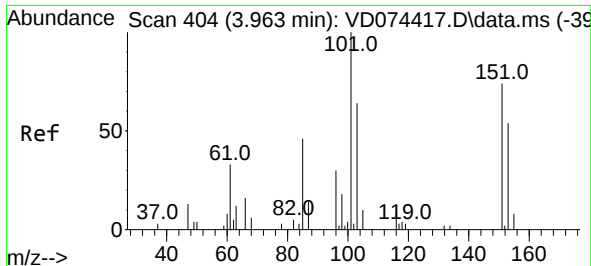
Tgt Ion:101 Resp: 95217
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.8 74.8



#8
 Diethyl Ether
 Concen: 99.740 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Tgt Ion: 74 Resp: 30208
 Ion Ratio Lower Upper
 74 100
 45 75.7 37.9 113.6

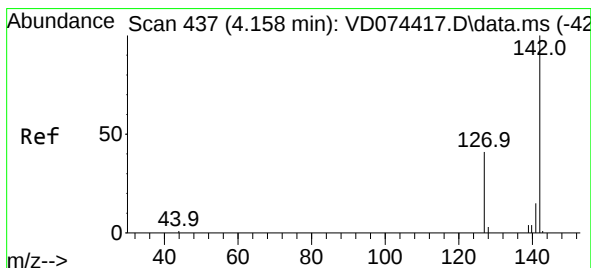
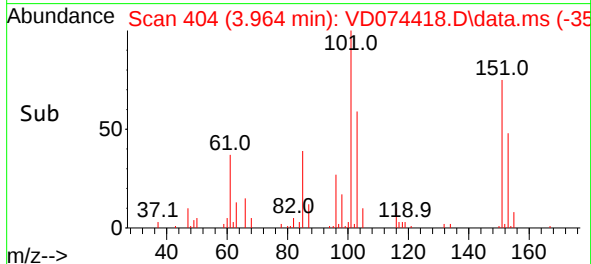
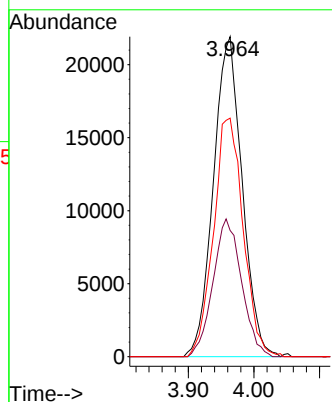
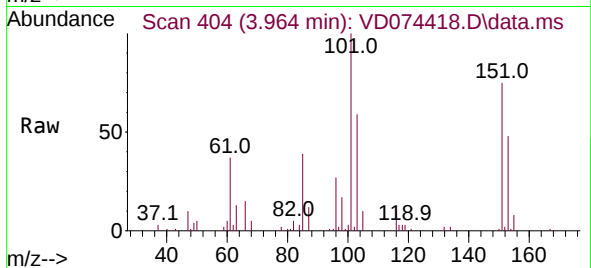




#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.091 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074418.D
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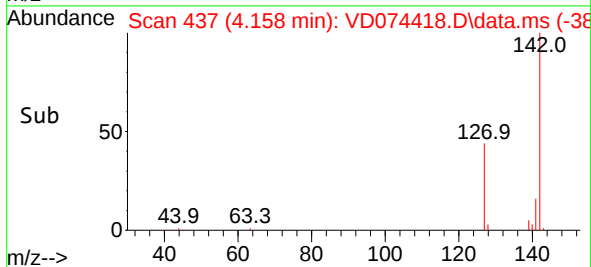
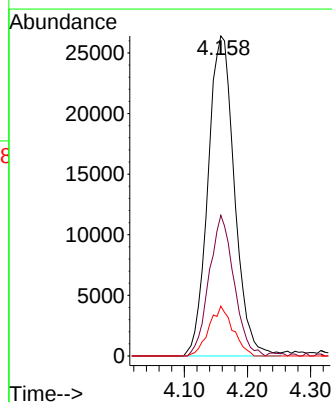
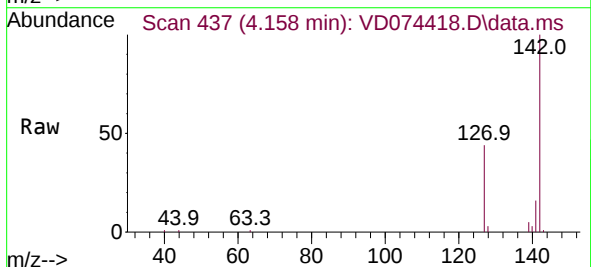
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

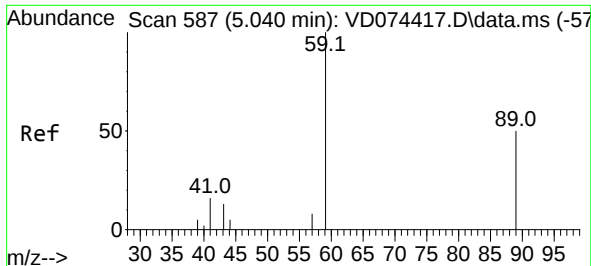
Tgt Ion:101 Resp: 66640
Ion Ratio Lower Upper
101 100
85 42.9 34.1 51.1
151 77.0 61.7 92.5



#10
Methyl Iodide
Concen: 128.675 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion:142 Resp: 76934
Ion Ratio Lower Upper
142 100
127 41.1 31.9 47.9
141 14.1 11.4 17.2

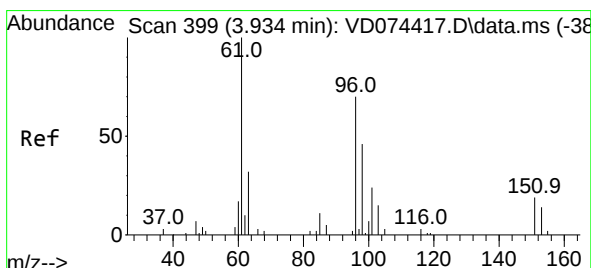
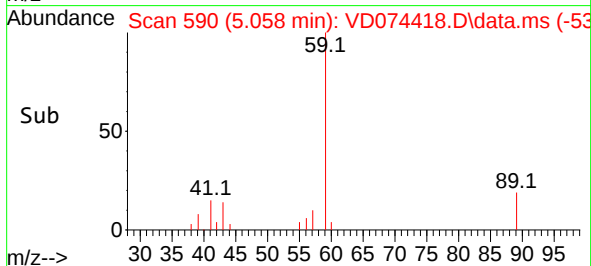
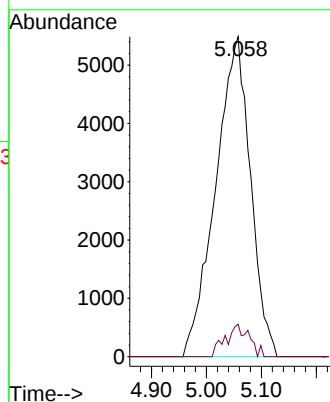
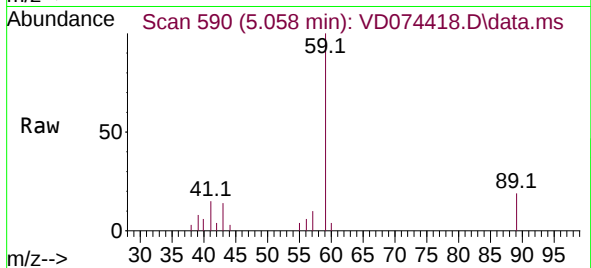




#11
Tert butyl alcohol
Concen: 245.818 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

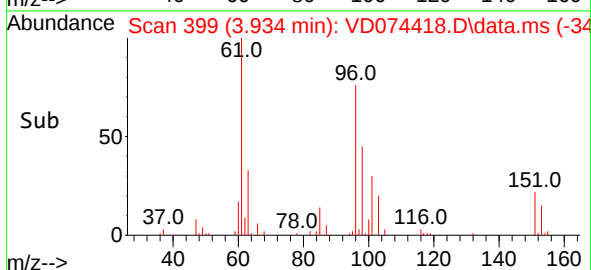
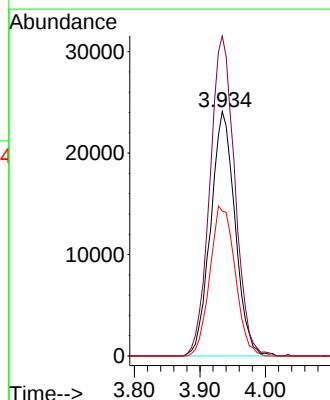
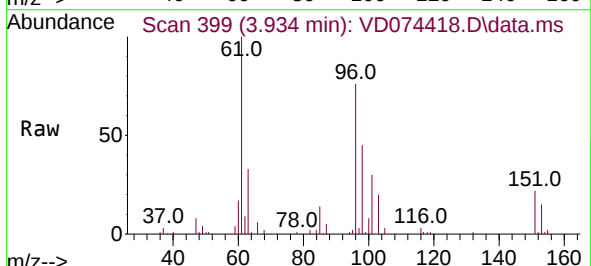
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

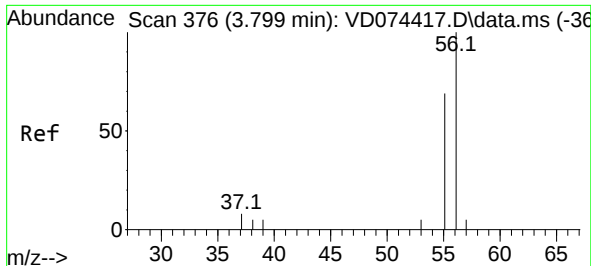
Tgt Ion: 59 Resp: 24146
Ion Ratio Lower Upper
59 100
57 6.8 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 95.508 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 96 Resp: 62338
Ion Ratio Lower Upper
96 100
61 130.9 113.9 170.9
98 59.3 51.8 77.8





#13

Acrolein

Concen: 430.039 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

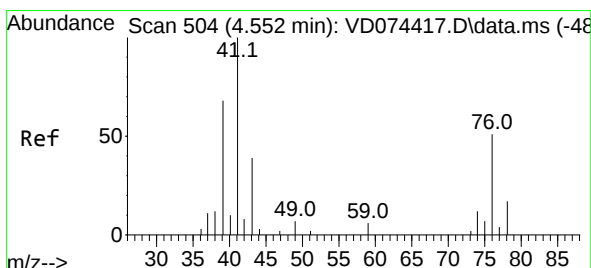
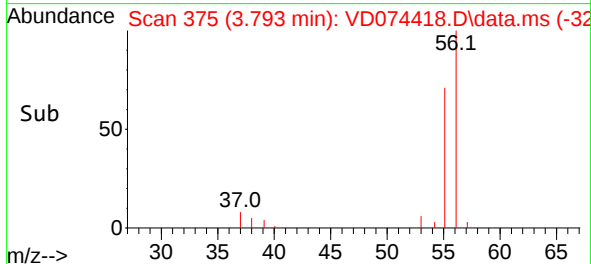
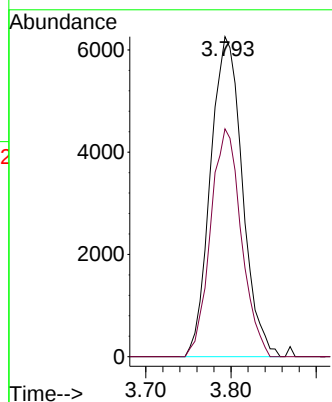
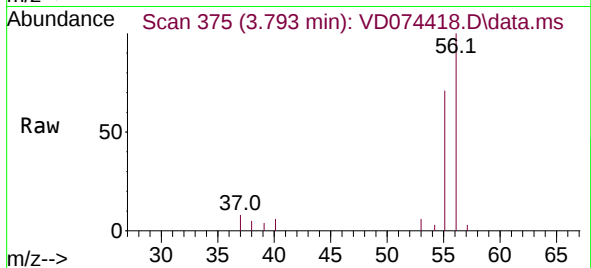
VSTDICC100

Tgt Ion: 56 Resp: 16279

Ion Ratio Lower Upper

56 100

55 68.6 54.0 81.0



#14

Allyl chloride

Concen: 97.485 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

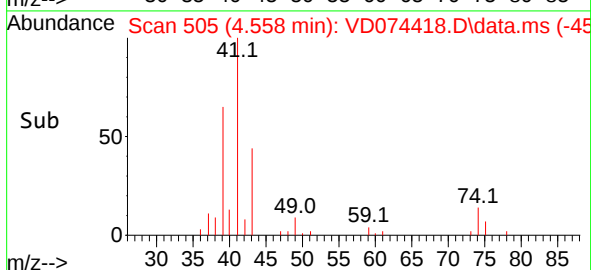
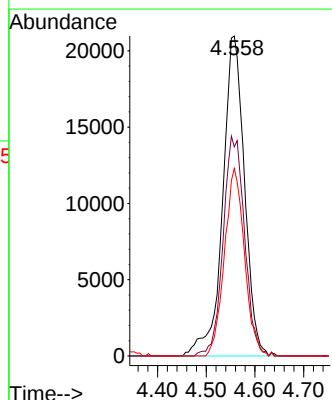
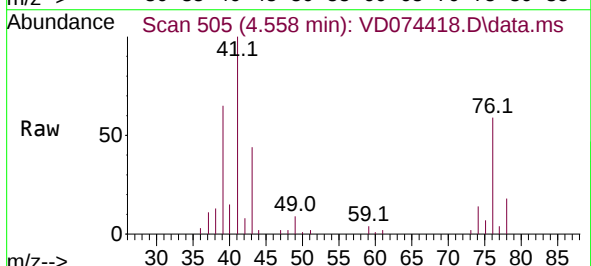
Tgt Ion: 41 Resp: 65373

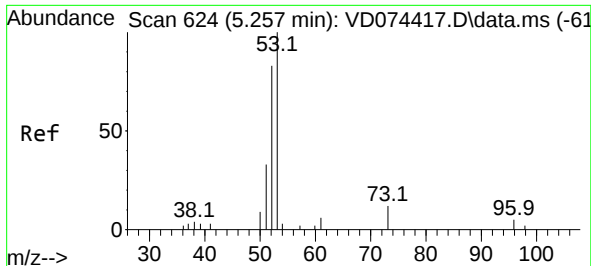
Ion Ratio Lower Upper

41 100

39 67.4 53.4 80.2

76 53.8 42.4 63.6





#15

Acrylonitrile

Concen: 494.554 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

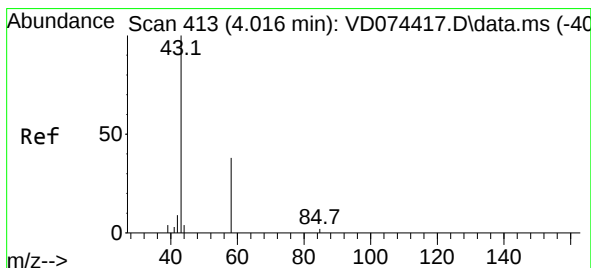
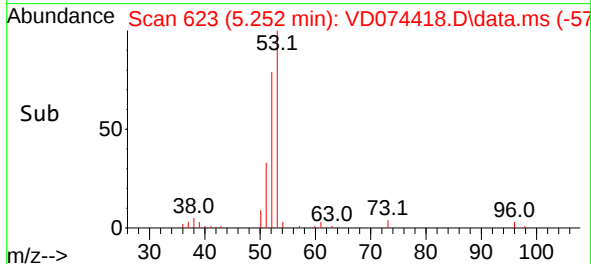
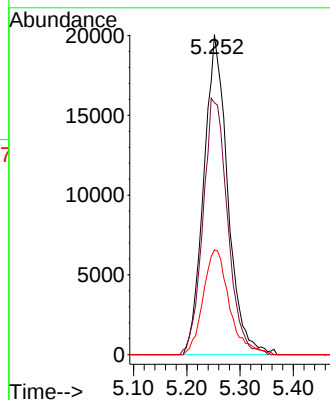
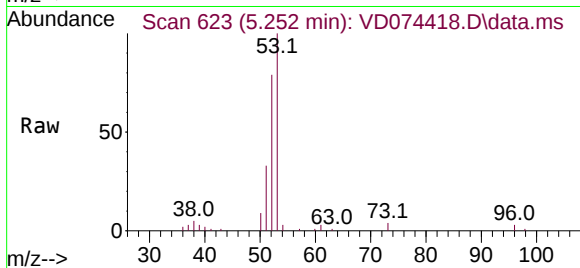
Tgt Ion: 53 Resp: 62761

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

51 35.9 28.3 42.5



#16

Acetone

Concen: 426.975 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD074418.D

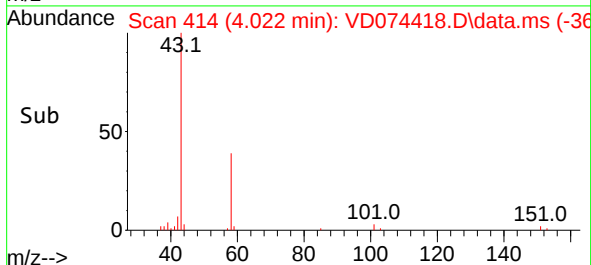
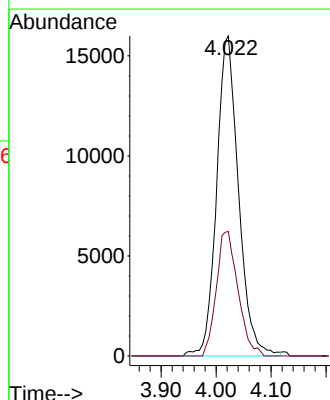
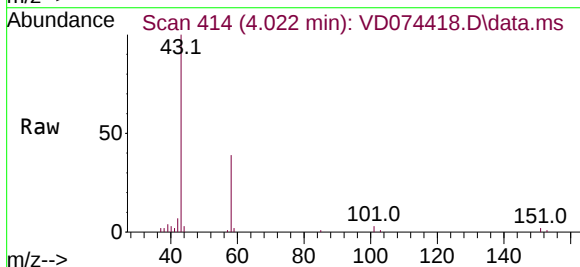
Acq: 26 Sep 2022 13:28

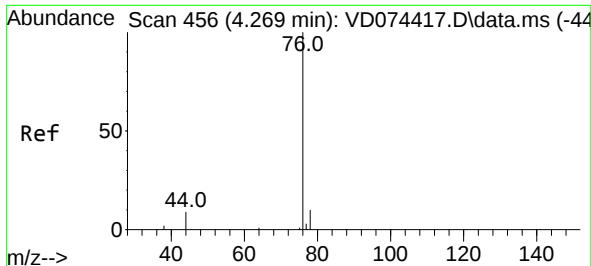
Tgt Ion: 43 Resp: 44279

Ion Ratio Lower Upper

43 100

58 38.9 30.2 45.2

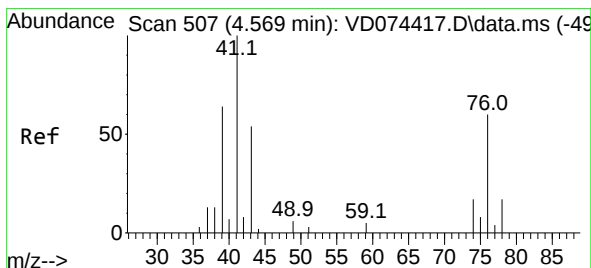
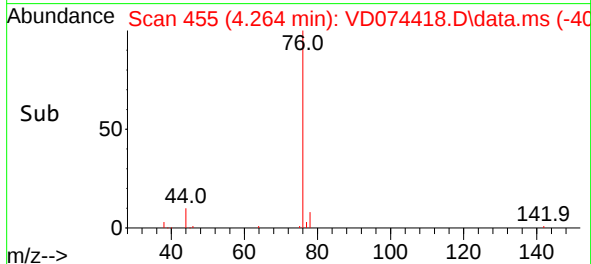
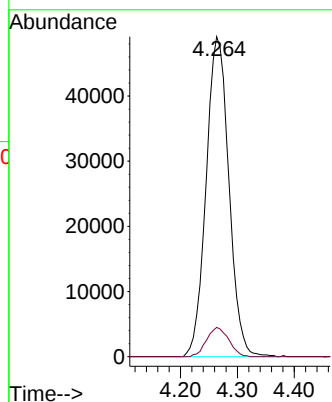
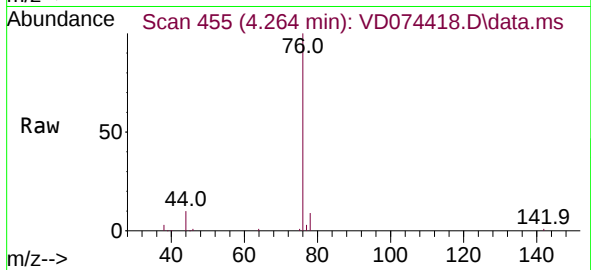




#17
Carbon Disulfide
Concen: 91.684 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

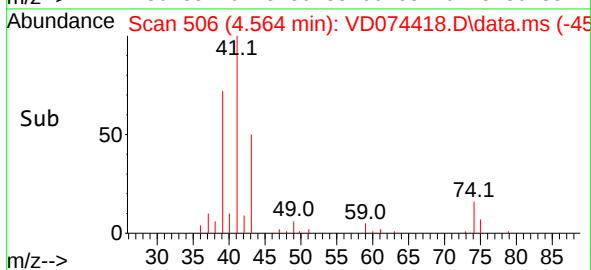
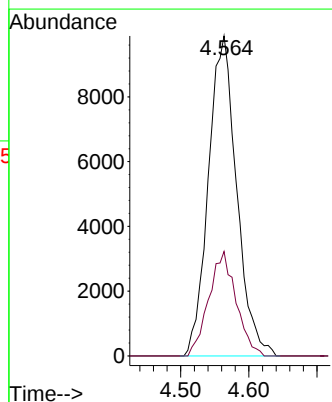
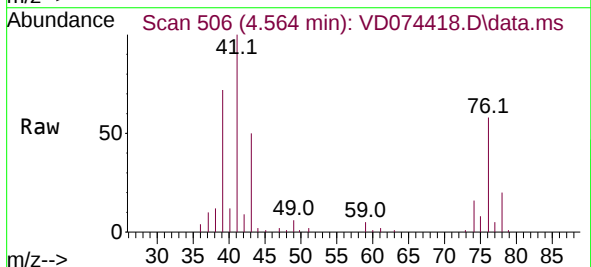
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

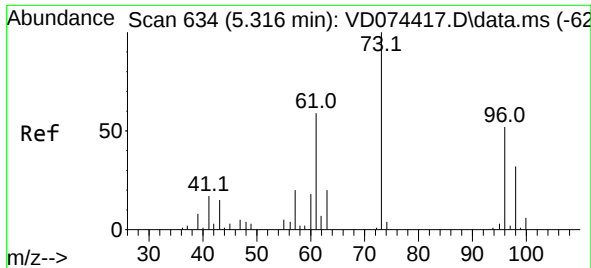
Tgt Ion: 76 Resp: 136548
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8



#18
Methyl Acetate
Concen: 84.228 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 43 Resp: 28507
Ion Ratio Lower Upper
43 100
74 31.5 24.7 37.1

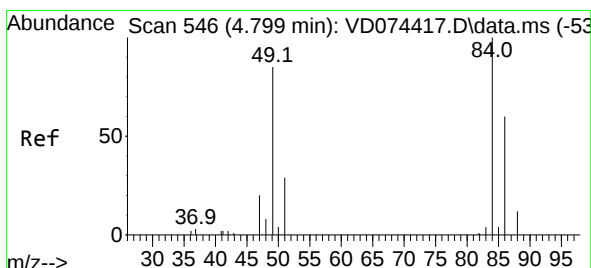
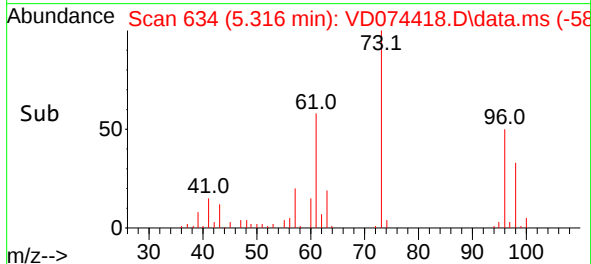
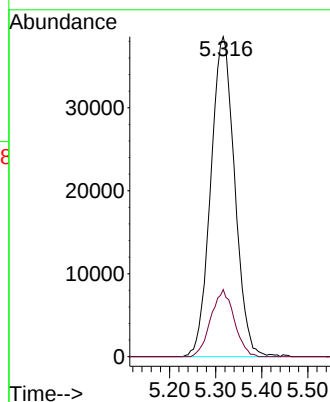
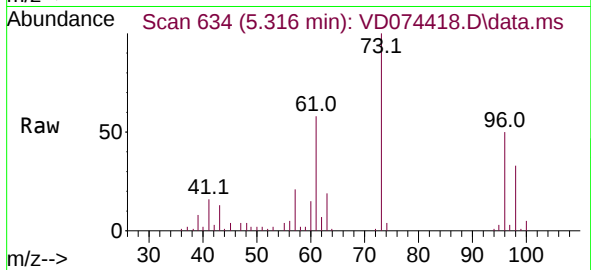




#19
Methyl tert-butyl Ether
Concen: 99.302 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

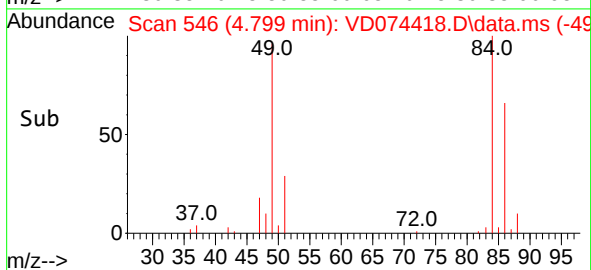
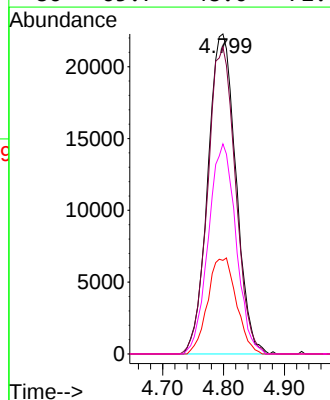
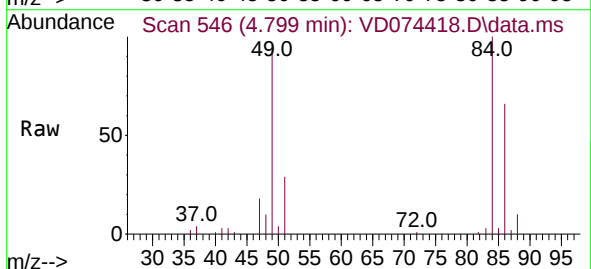
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

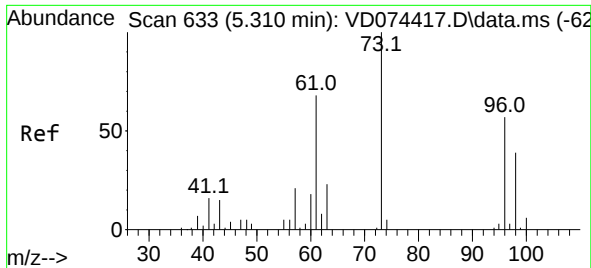
Tgt Ion: 73 Resp: 139326
Ion Ratio Lower Upper
73 100
57 21.0 16.1 24.1



#20
Methylene Chloride
Concen: 69.641 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 84 Resp: 71239
Ion Ratio Lower Upper
84 100
49 95.9 68.0 102.0
51 29.3 23.2 34.8
86 65.7 48.0 72.0

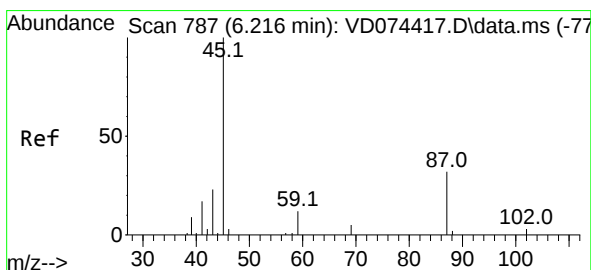
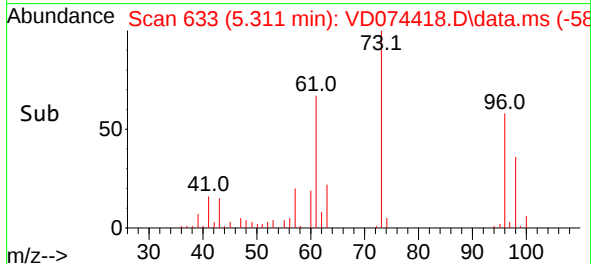
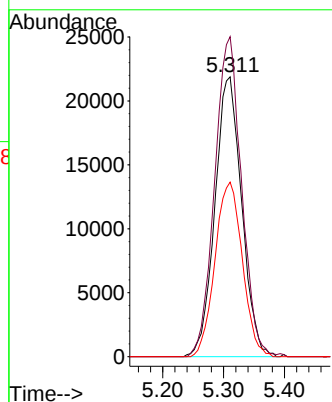
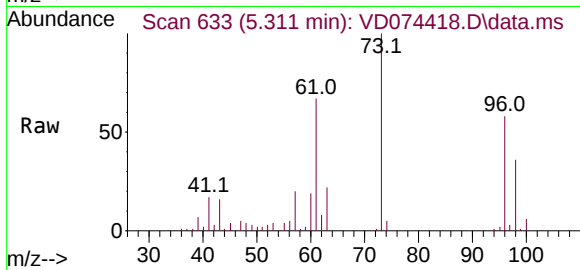




#21
trans-1,2-Dichloroethene
Concen: 96.244 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

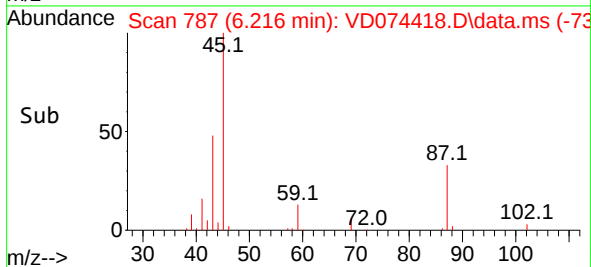
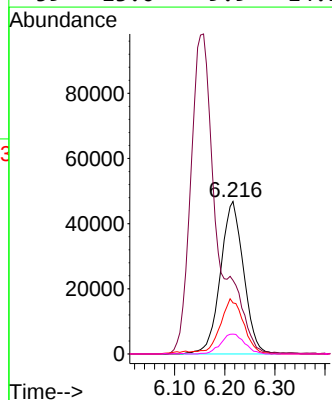
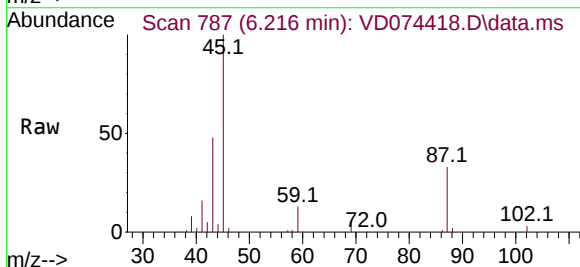
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

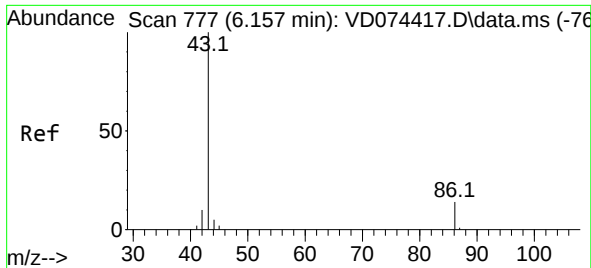
Tgt Ion: 96 Resp: 66946
Ion Ratio Lower Upper
96 100
61 114.3 95.7 143.5
98 62.4 54.8 82.2



#22
Diisopropyl ether
Concen: 97.687 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 45 Resp: 150416
Ion Ratio Lower Upper
45 100
43 47.6 37.8 56.6
87 33.5 26.6 40.0
59 13.0 9.9 14.9

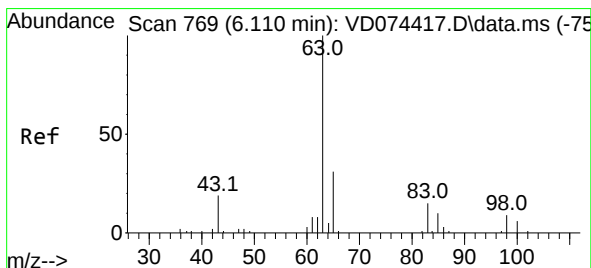
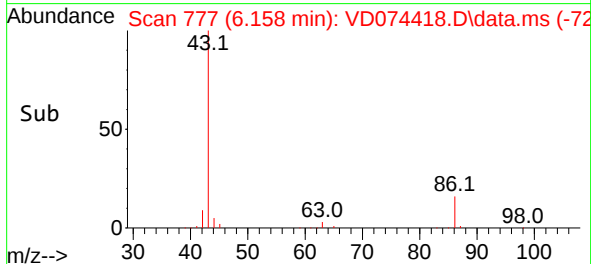
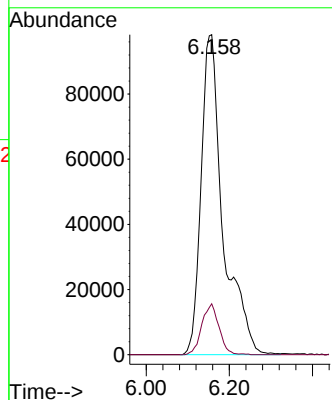
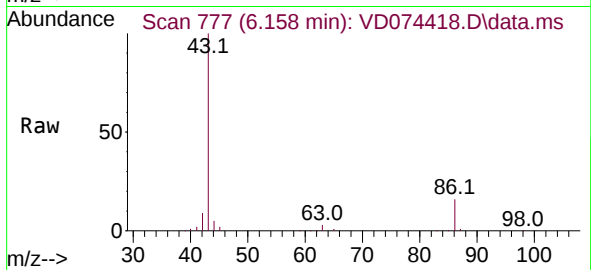




#23
 Vinyl Acetate
 Concen: 569.401 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

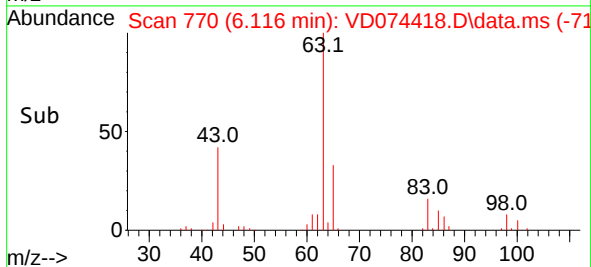
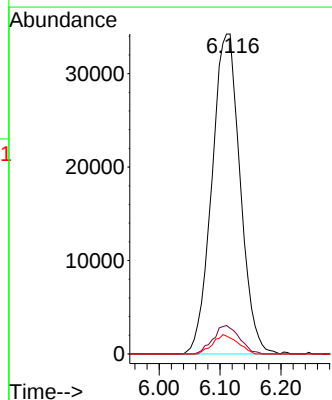
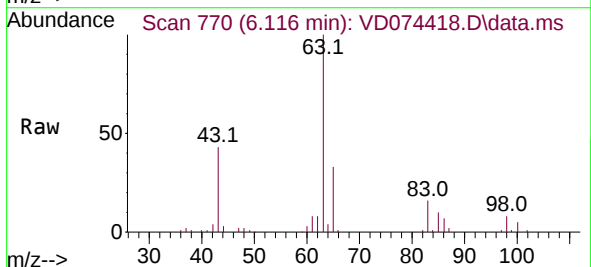
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

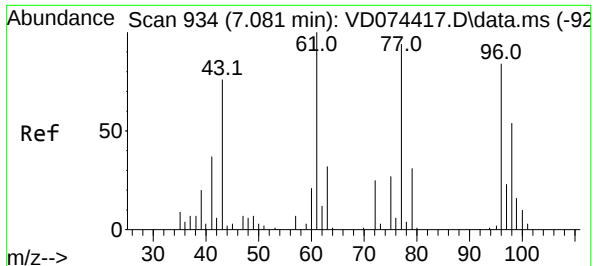
Tgt Ion: 43 Resp: 360234
 Ion Ratio Lower Upper
 43 100
 86 15.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 94.639 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Tgt Ion: 63 Resp: 110352
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.6 13.8
 100 5.0 2.9 8.6





#25

2-Butanone

Concen: 460.264 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

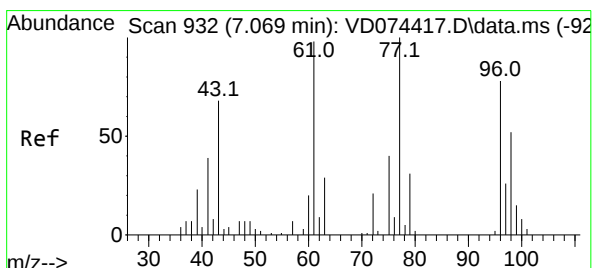
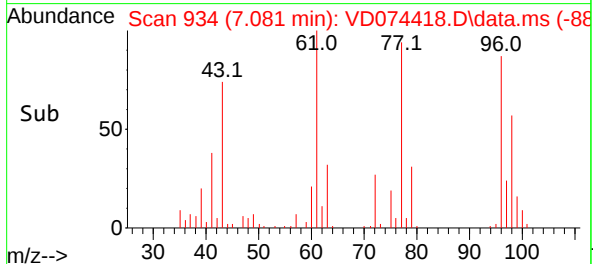
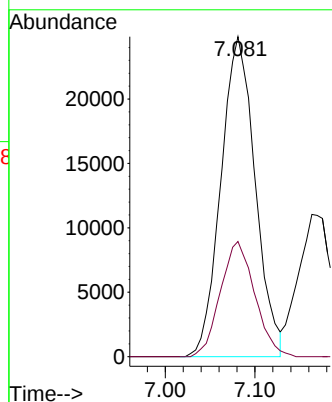
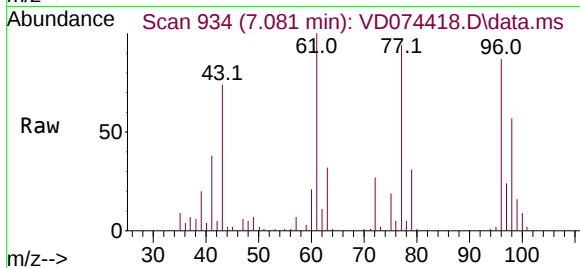
VSTDIC100

Tgt Ion: 43 Resp: 65950

Ion Ratio Lower Upper

43 100

72 36.0 25.8 38.8



#26

2,2-Dichloropropane

Concen: 95.670 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD074418.D

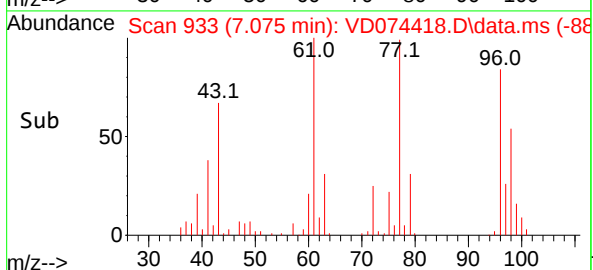
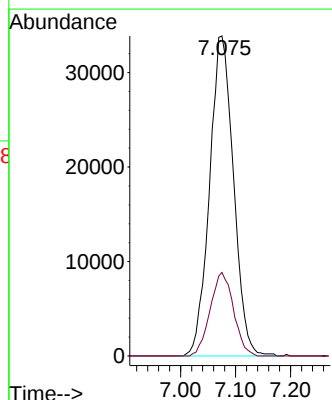
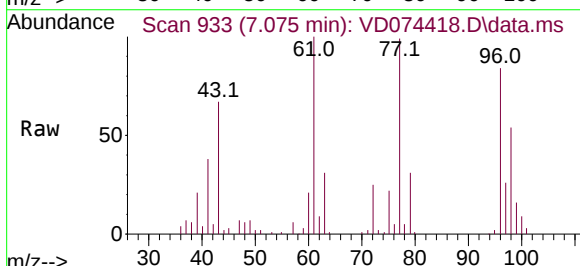
Acq: 26 Sep 2022 13:28

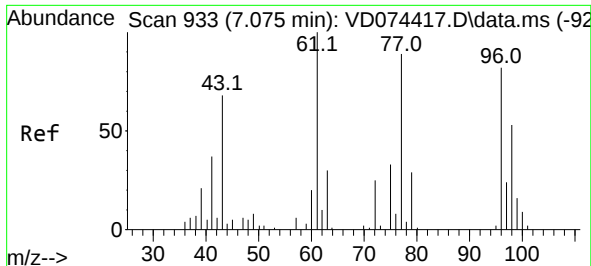
Tgt Ion: 77 Resp: 102705

Ion Ratio Lower Upper

77 100

97 25.4 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 97.732 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

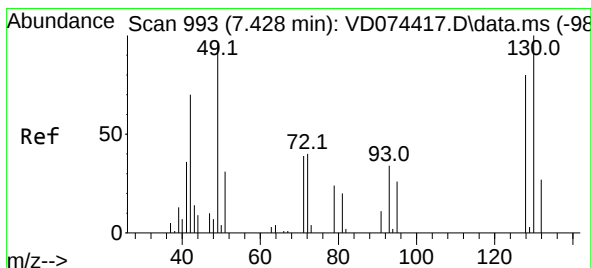
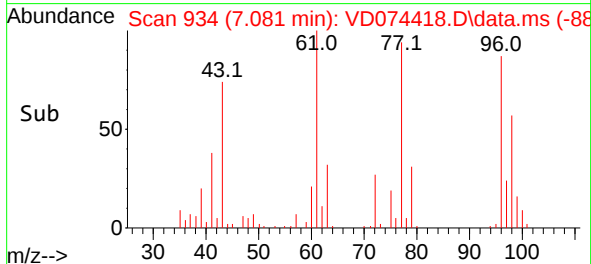
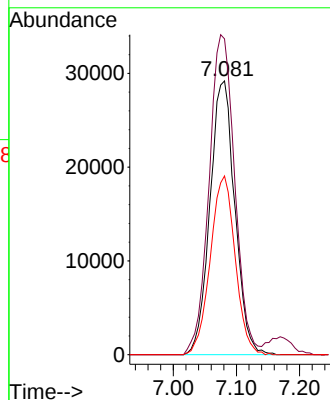
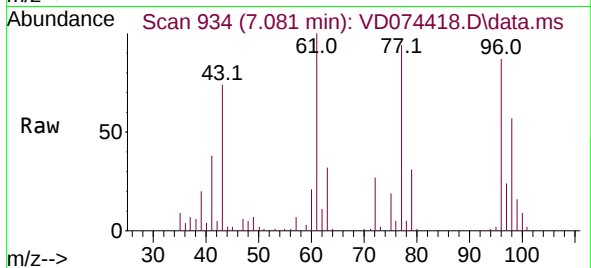
Tgt Ion: 96 Resp: 80073

Ion Ratio Lower Upper

96 100

61 120.6 0.0 242.4

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 97.375 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

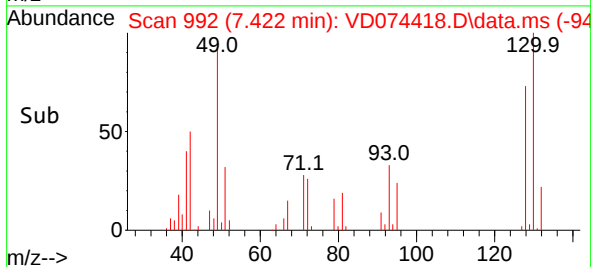
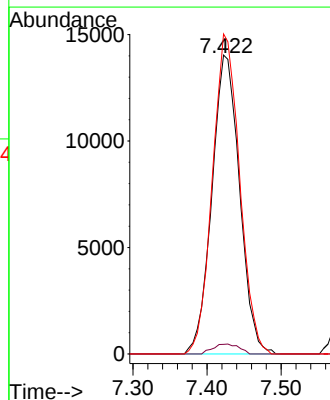
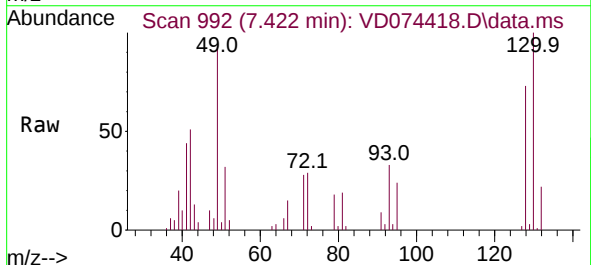
Tgt Ion: 49 Resp: 36400

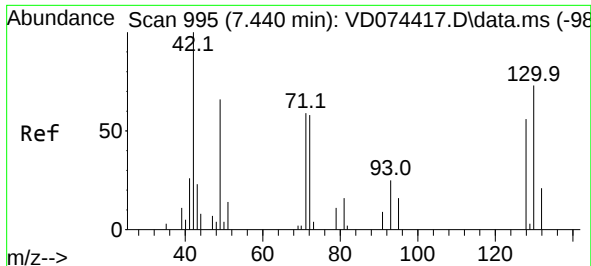
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.0

130 105.4 84.1 126.1





#29

Tetrahydrofuran

Concen: 503.042 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

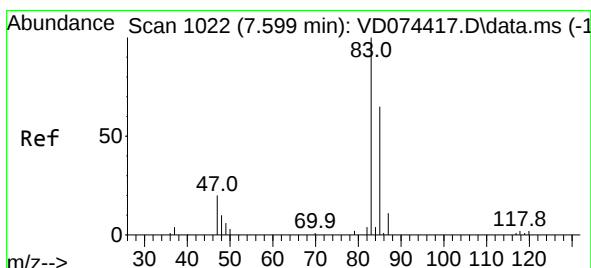
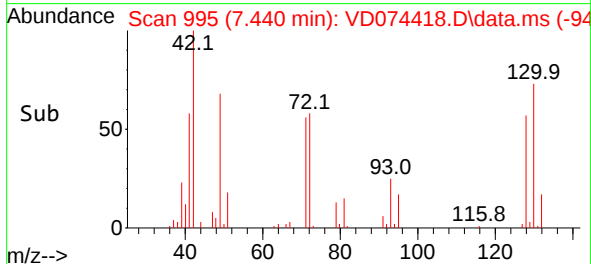
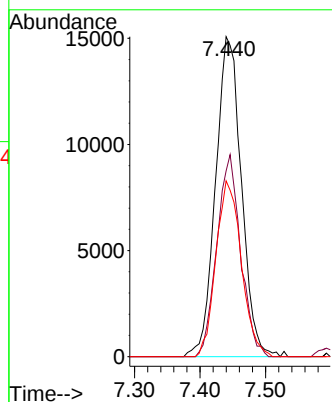
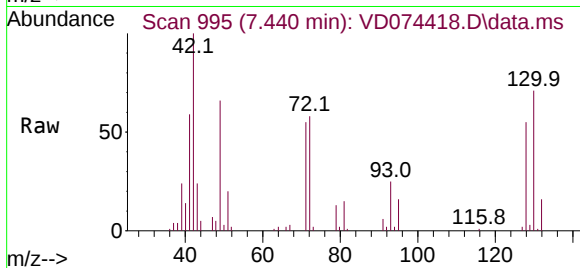
Tgt Ion: 42 Resp: 41225

Ion Ratio Lower Upper

42 100

72 58.1 45.8 68.6

71 54.0 44.6 66.8



#30

Chloroform

Concen: 94.317 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD074418.D

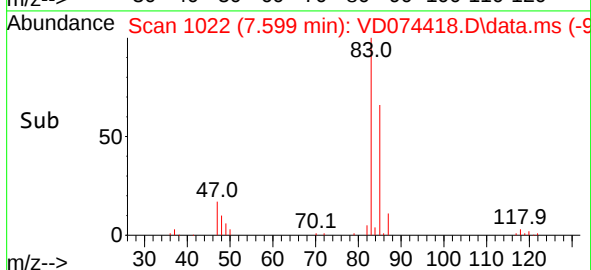
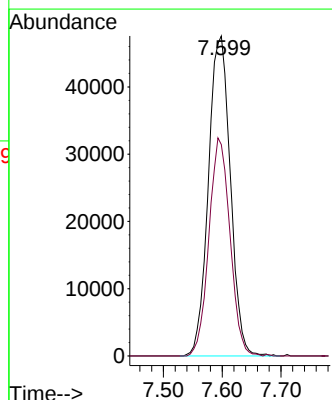
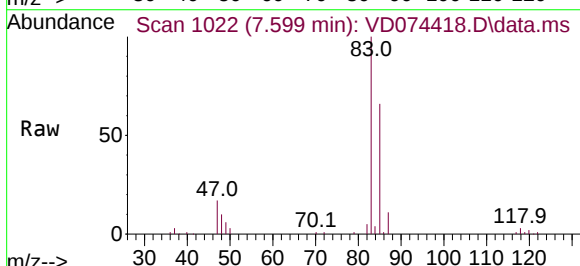
Acq: 26 Sep 2022 13:28

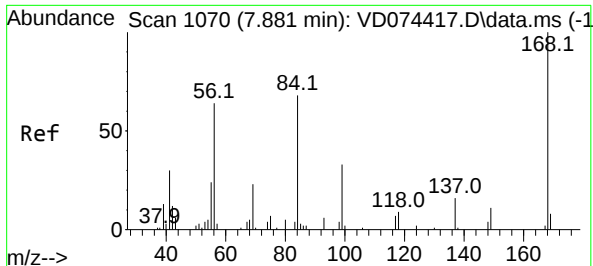
Tgt Ion: 83 Resp: 123340

Ion Ratio Lower Upper

83 100

85 66.0 52.0 78.0





#31

Cyclohexane

Concen: 91.809 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

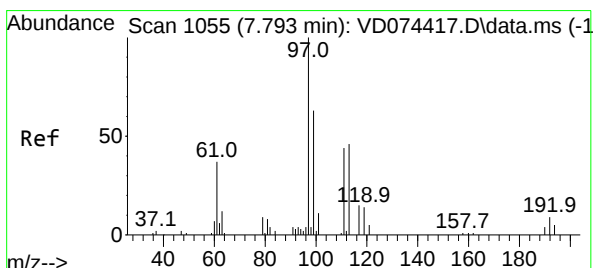
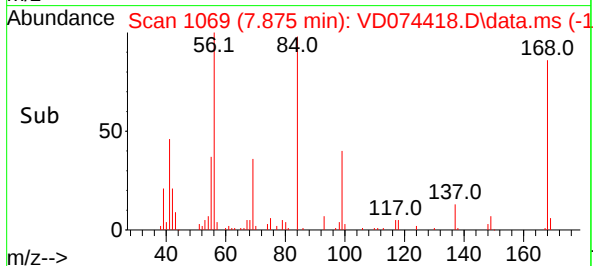
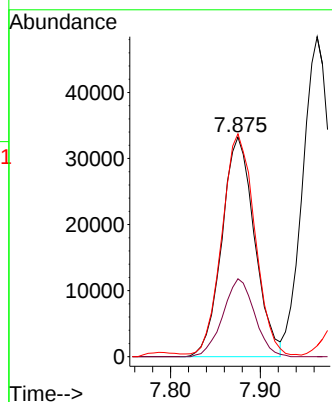
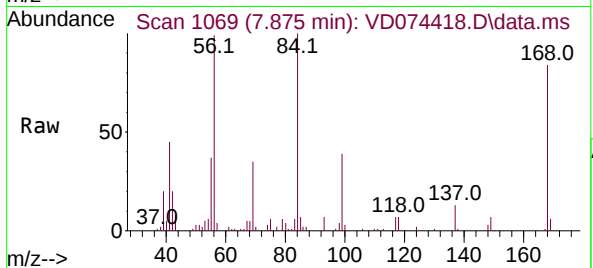
Tgt Ion: 56 Resp: 83884

Ion Ratio Lower Upper

56 100

69 35.5 29.2 43.8

84 100.2 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 98.905 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

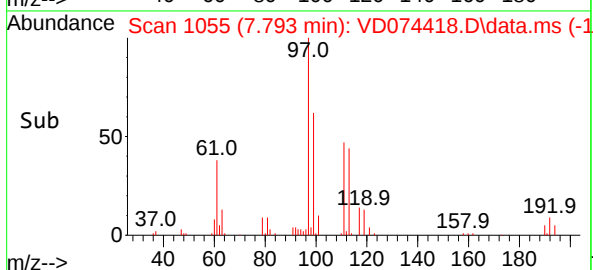
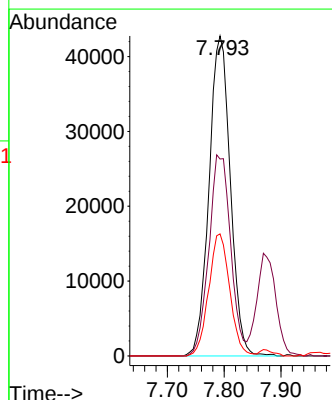
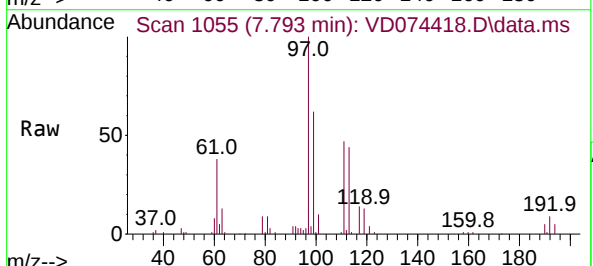
Tgt Ion: 97 Resp: 111138

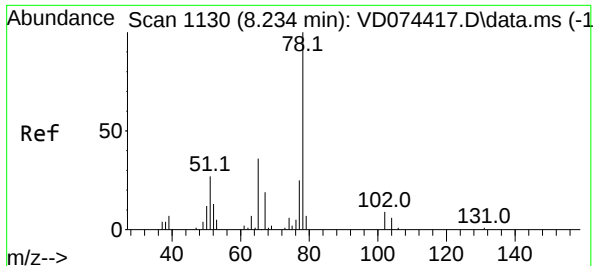
Ion Ratio Lower Upper

97 100

99 64.6 53.3 79.9

61 37.8 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 91.916 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

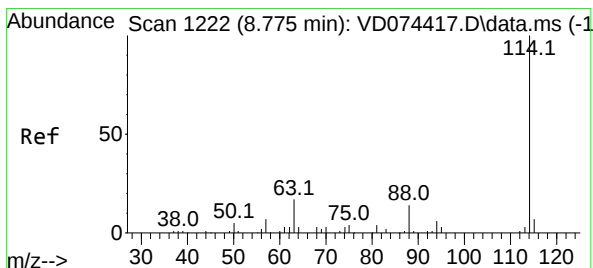
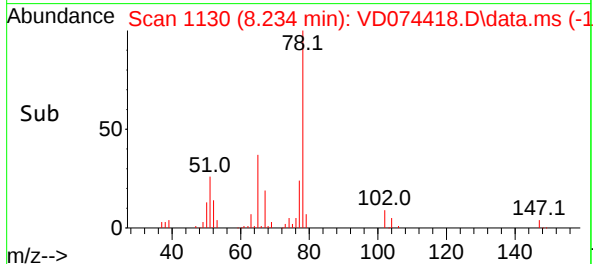
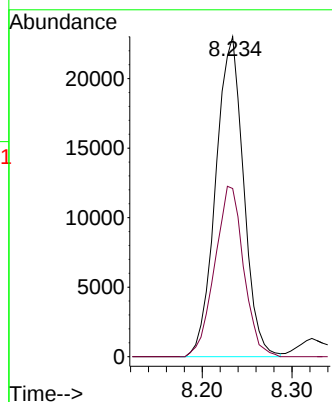
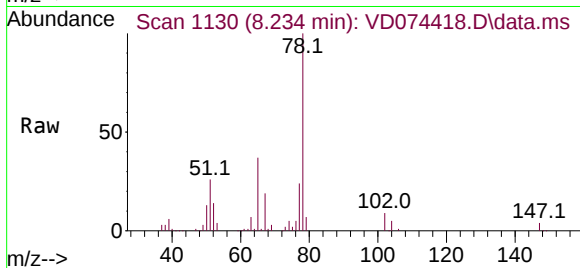
VSTDICC100

Tgt Ion: 65 Resp: 49587

Ion Ratio Lower Upper

65 100

67 55.2 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: VD074418.D

Acq: 26 Sep 2022 13:28

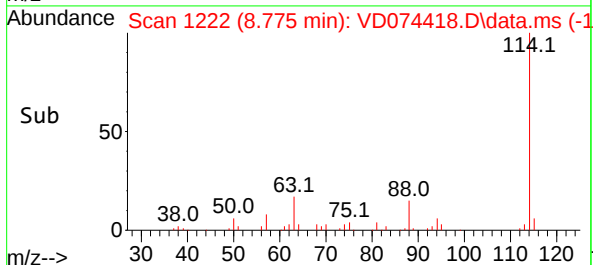
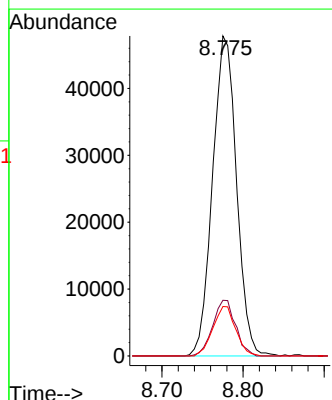
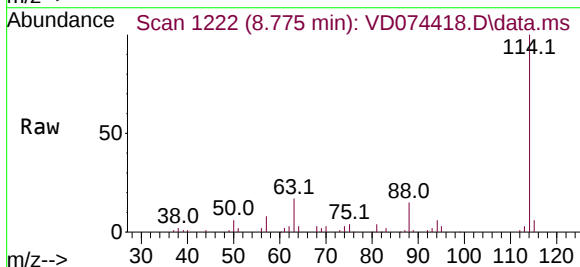
Tgt Ion: 114 Resp: 98111

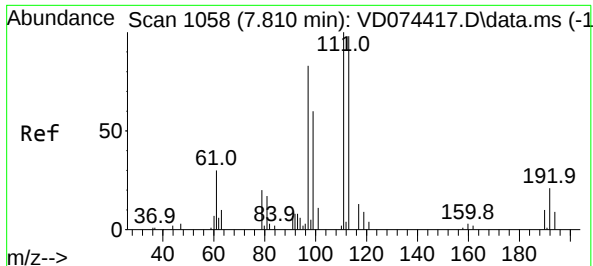
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.2

88 15.5 0.0 28.2



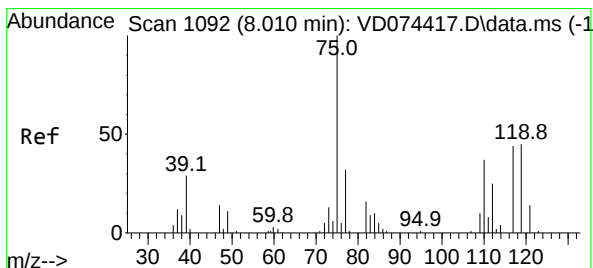
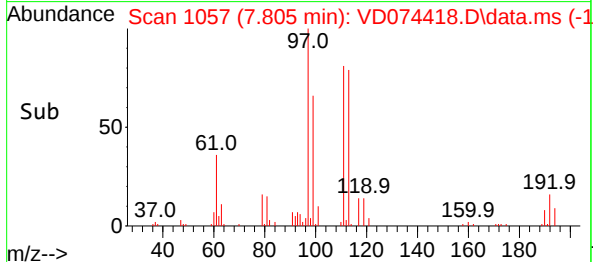
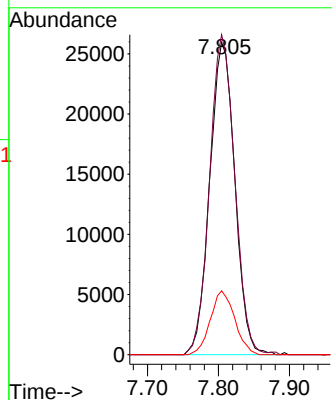
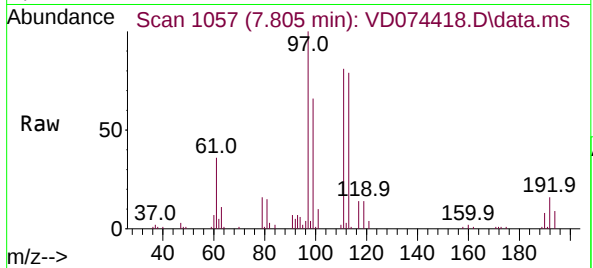


#35
 Dibromofluoromethane
 Concen: 88.309 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 63737

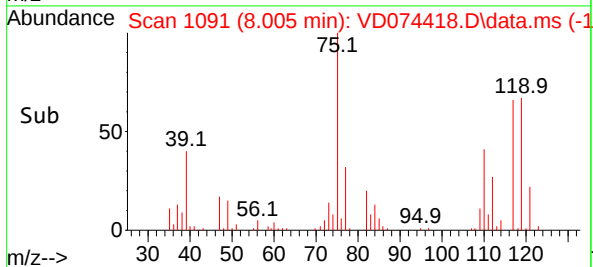
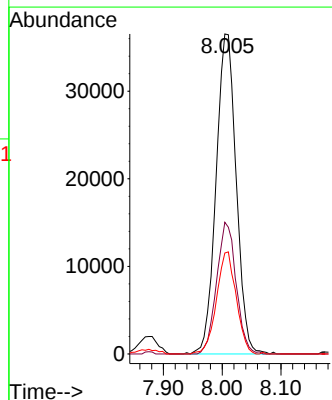
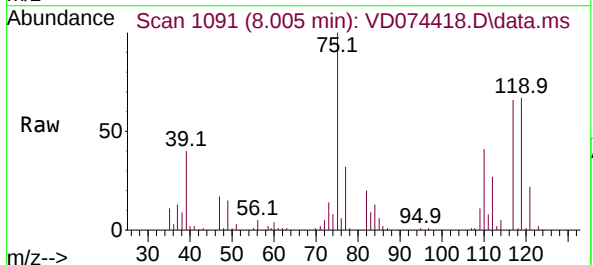
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	19.8	16.4	24.6

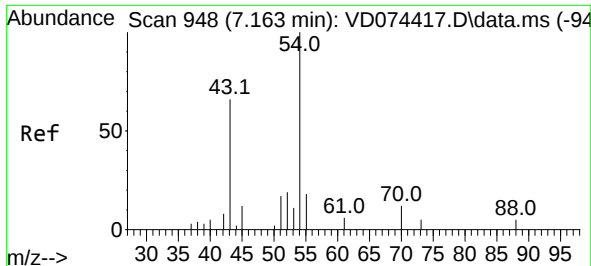


#36
 1,1-Dichloropropene
 Concen: 98.231 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Tgt Ion: 75 Resp: 87026

Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.7	59.0
77	31.3	25.4	38.2





#37

Ethyl Acetate

Concen: 104.517 ug/l

RT: 7.163 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

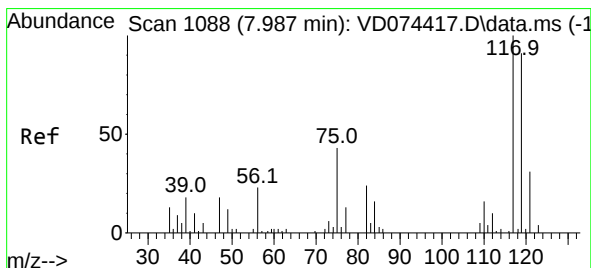
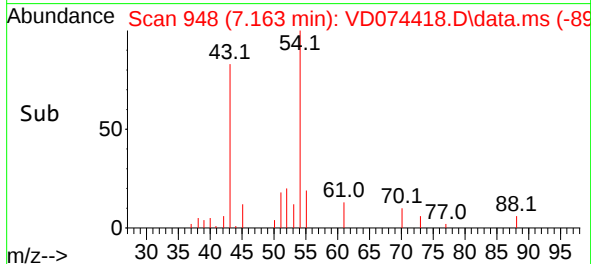
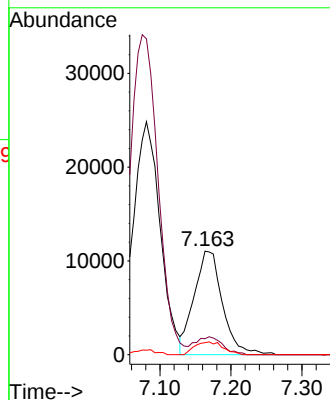
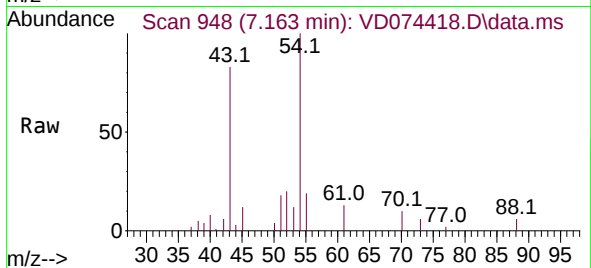
Tgt Ion: 43 Resp: 30757

Ion Ratio Lower Upper

43 100

61 16.4 12.2 18.4

70 12.2 9.6 14.4



#38

Carbon Tetrachloride

Concen: 106.564 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

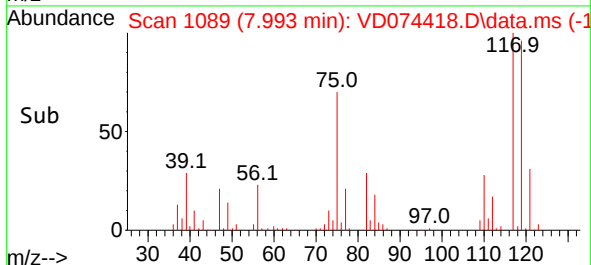
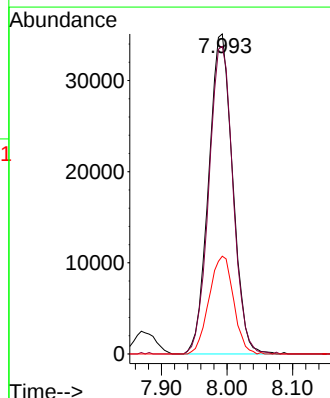
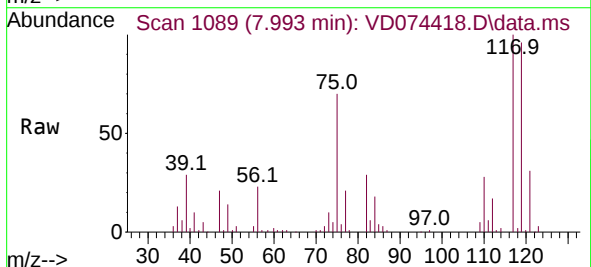
Tgt Ion: 117 Resp: 89357

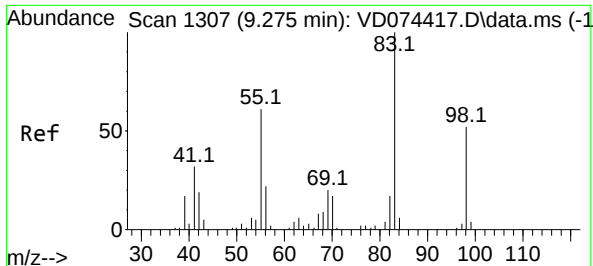
Ion Ratio Lower Upper

117 100

119 96.1 73.1 109.7

121 30.6 25.0 37.6





#39

Methylcyclohexane

Concen: 102.041 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

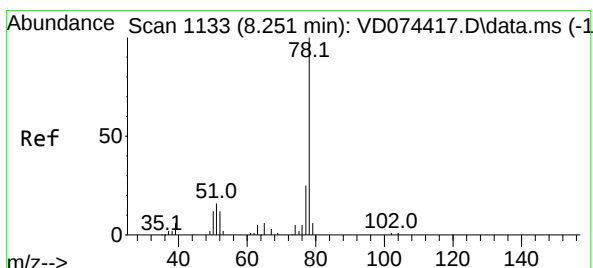
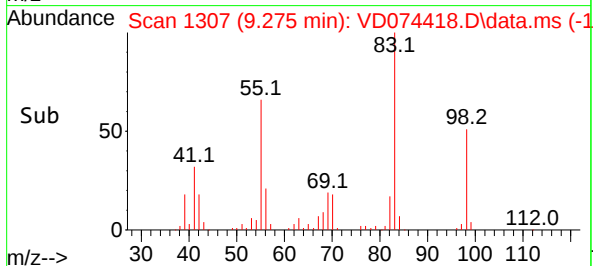
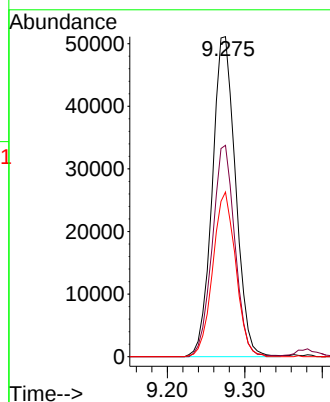
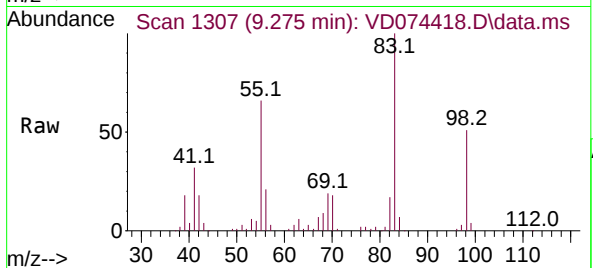
Tgt Ion: 83 Resp: 106695

Ion Ratio Lower Upper

83 100

55 66.1 49.0 73.4

98 51.5 41.7 62.5



#40

Benzene

Concen: 98.592 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074418.D

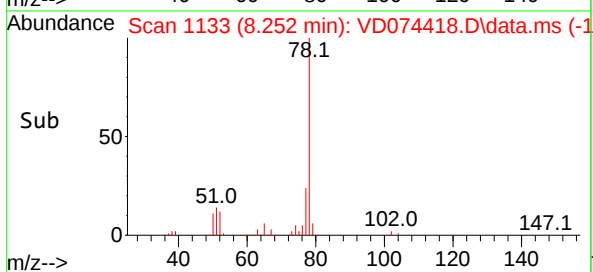
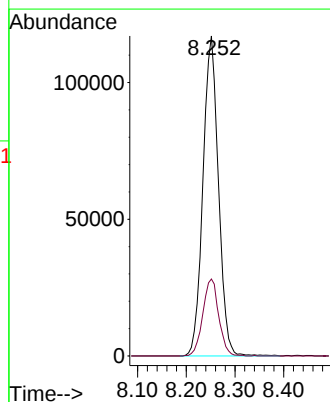
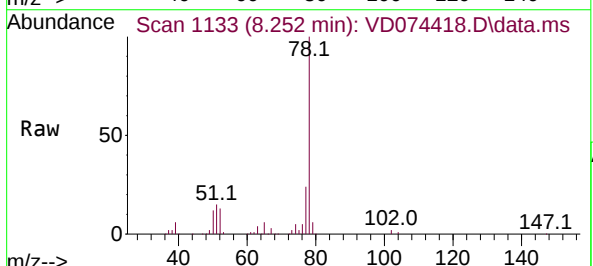
Acq: 26 Sep 2022 13:28

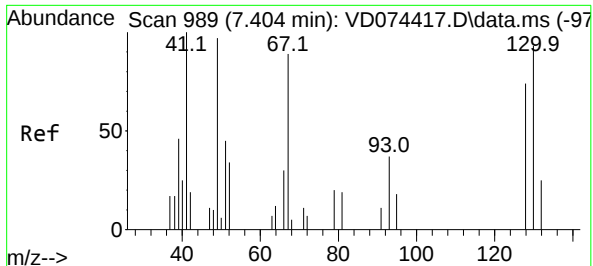
Tgt Ion: 78 Resp: 258380

Ion Ratio Lower Upper

78 100

77 24.1 20.1 30.1

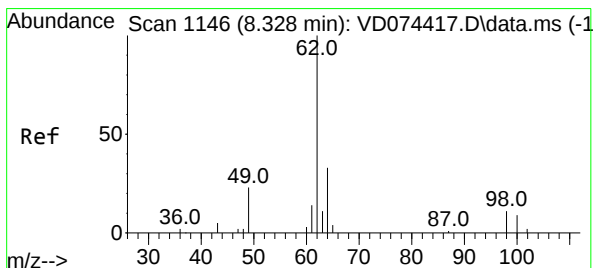
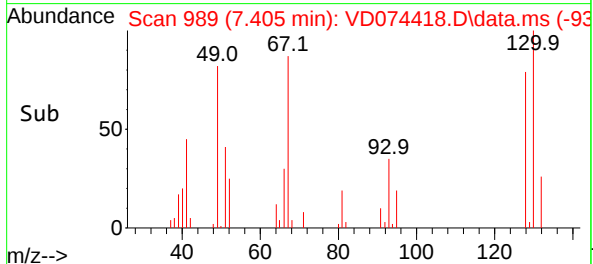
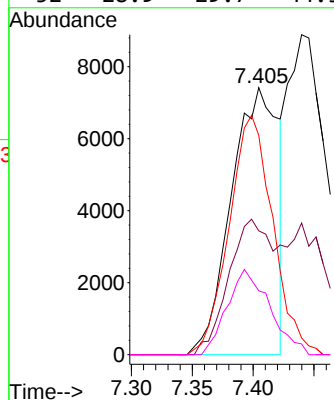
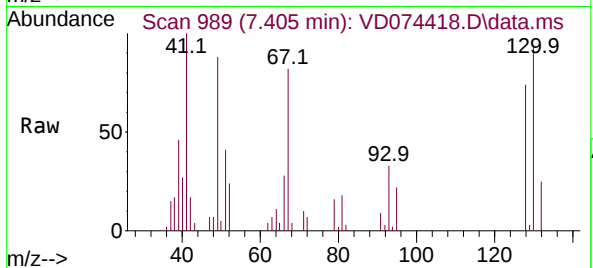




#41
Methacrylonitrile
Concen: 110.606 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

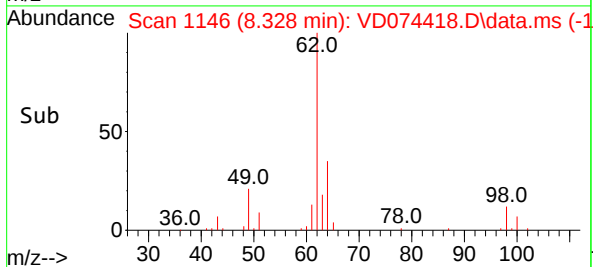
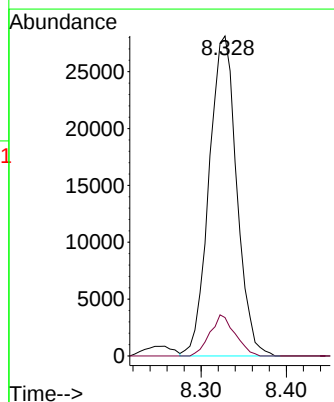
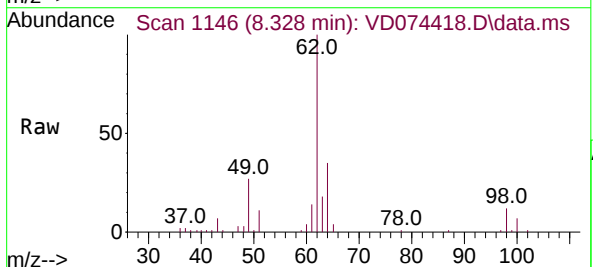
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

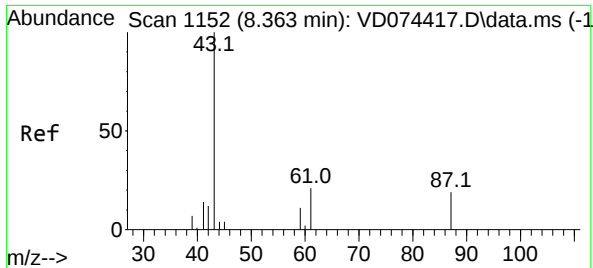
Tgt Ion: 41 Resp: 19961
Ion Ratio Lower Upper
41 100
39 55.7 35.0 52.6#
67 83.2 77.0 115.6
52 28.9 29.7 44.5#



#42
1,2-Dichloroethane
Concen: 96.884 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 62 Resp: 63524
Ion Ratio Lower Upper
62 100
98 11.6 0.0 24.2

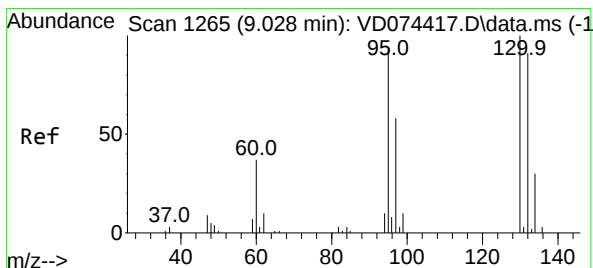
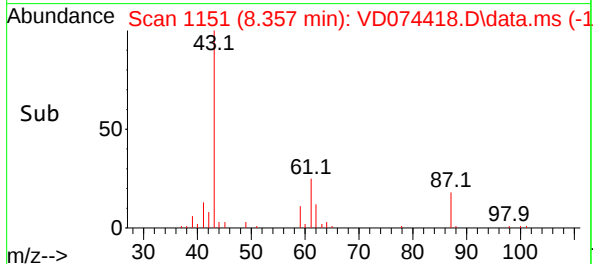
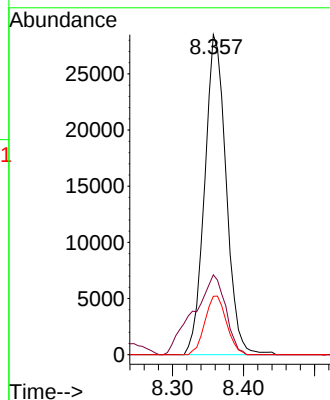
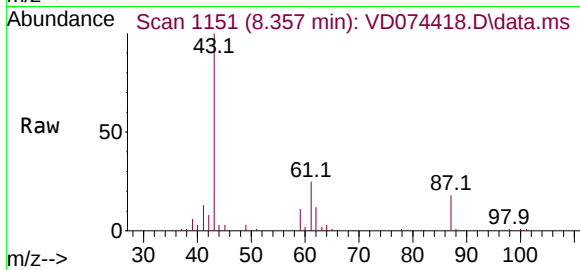




#43
Isopropyl Acetate
Concen: 105.083 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

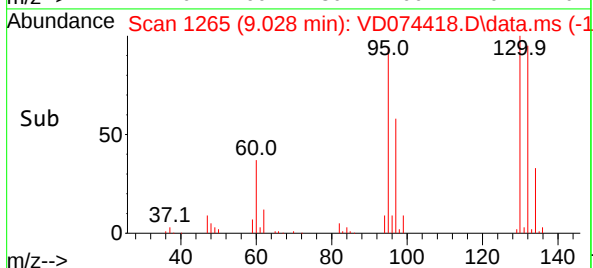
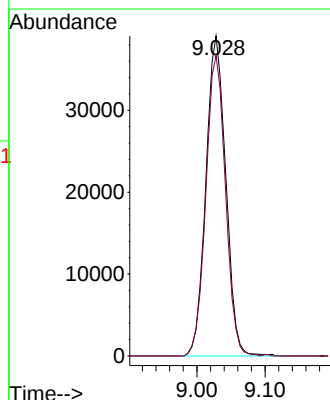
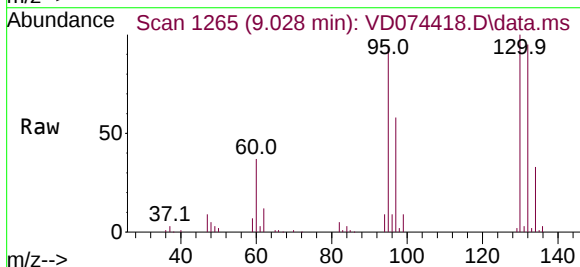
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

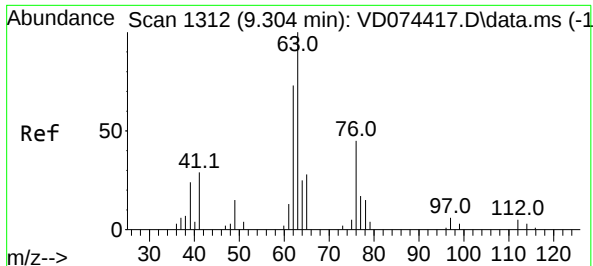
Tgt Ion: 43 Resp: 59908
Ion Ratio Lower Upper
43 100
61 37.1 30.9 46.3
87 18.4 14.3 21.5



#44
Trichloroethene
Concen: 99.623 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 130 Resp: 79342
Ion Ratio Lower Upper
130 100
95 93.9 0.0 185.4





#45

1,2-Dichloropropane

Concen: 100.838 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

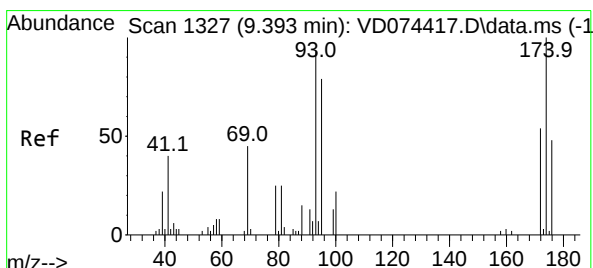
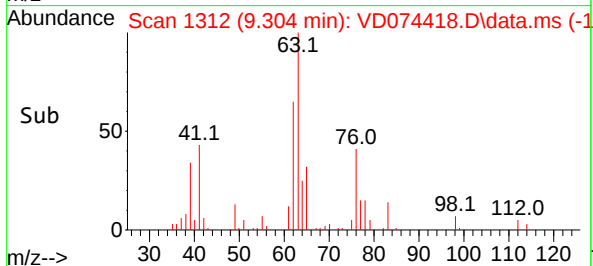
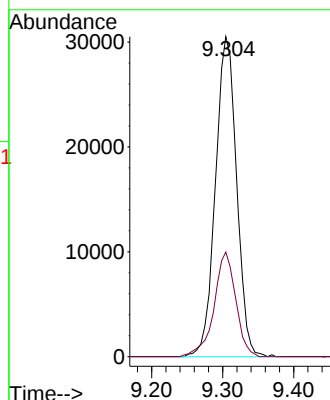
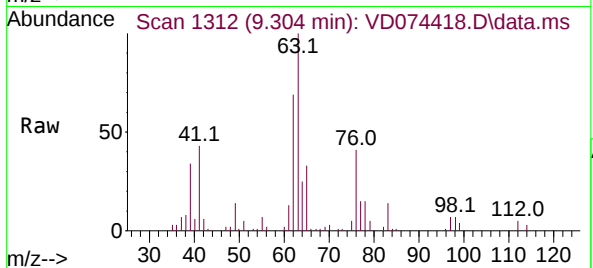
VSTDIC100

Tgt Ion: 63 Resp: 63072

Ion Ratio Lower Upper

63 100

65 32.7 23.1 34.7



#46

Dibromomethane

Concen: 100.274 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

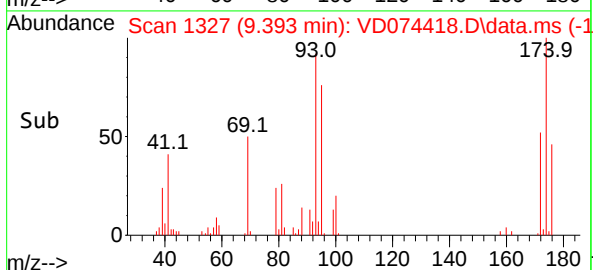
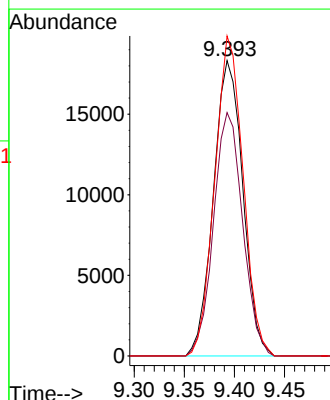
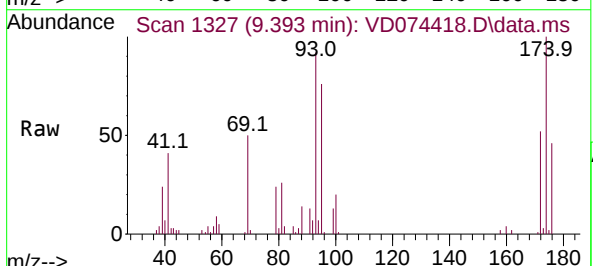
Tgt Ion: 93 Resp: 37420

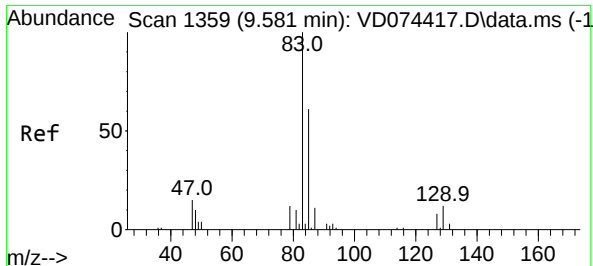
Ion Ratio Lower Upper

93 100

95 81.5 68.2 102.2

174 104.4 87.4 131.0





#47

Bromodichloromethane

Concen: 97.461 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

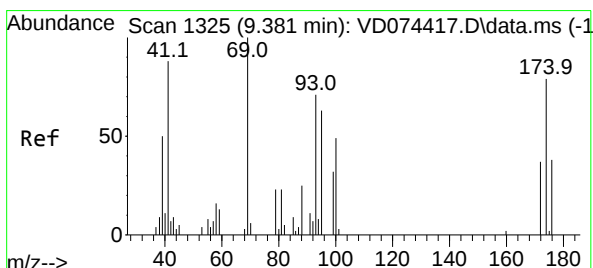
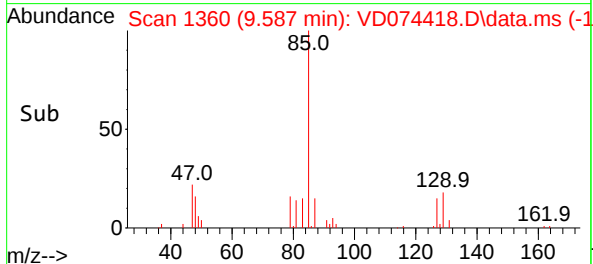
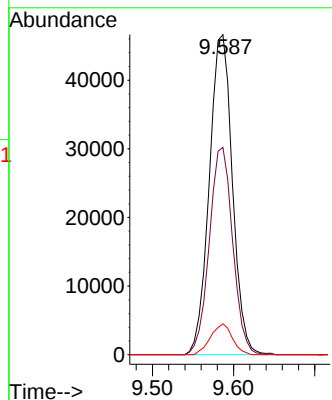
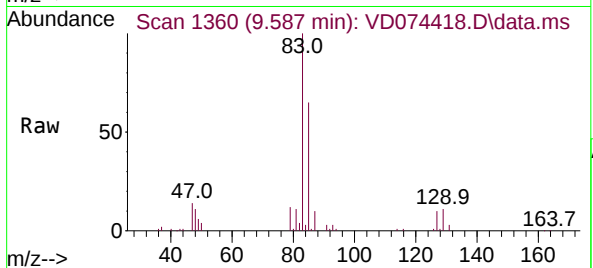
Tgt Ion: 83 Resp: 92340

Ion Ratio Lower Upper

83 100

85 64.8 48.8 73.2

127 9.6 6.7 10.1



#48

Methyl methacrylate

Concen: 106.483 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

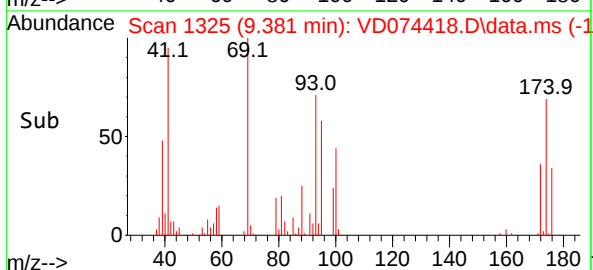
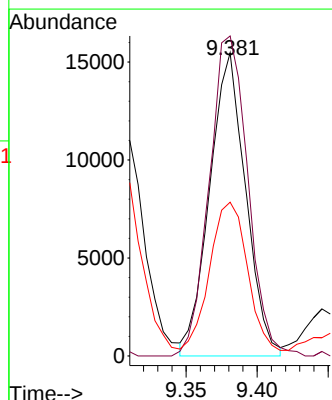
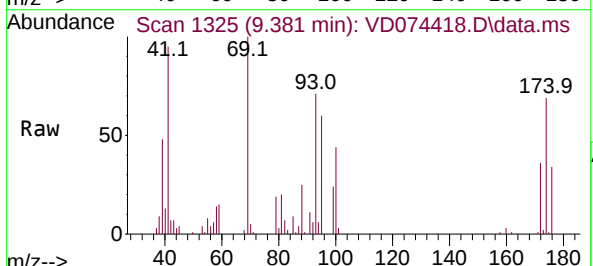
Tgt Ion: 41 Resp: 27284

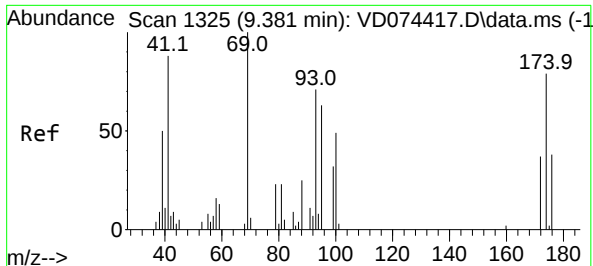
Ion Ratio Lower Upper

41 100

69 112.9 93.0 139.4

39 51.3 44.6 66.8





#49

1,4-Dioxane

Concen: 2264.184 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

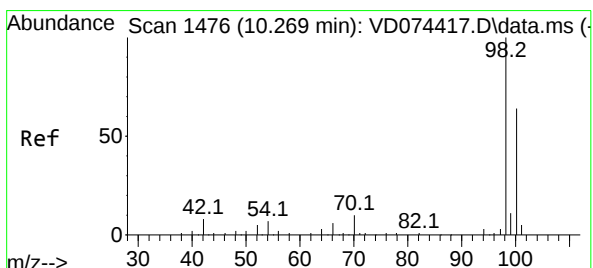
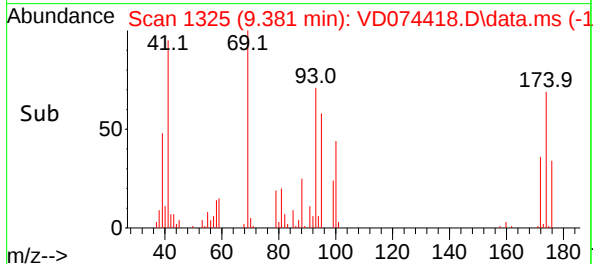
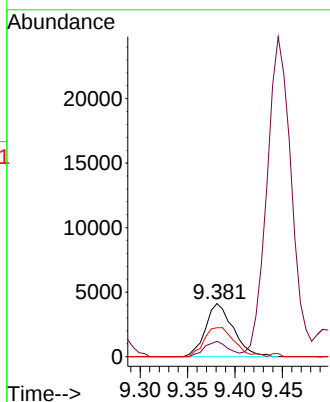
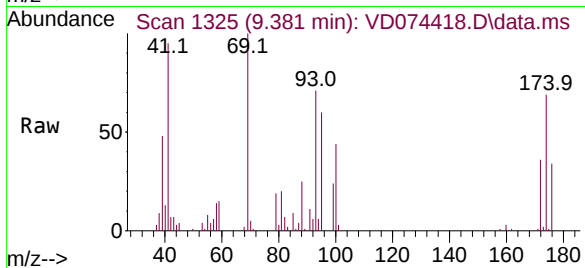
Tgt Ion: 88 Resp: 8349

Ion Ratio Lower Upper

88 100

43 25.0 24.1 36.1

58 59.5 43.1 64.7



#50

Toluene-d8

Concen: 102.805 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074418.D

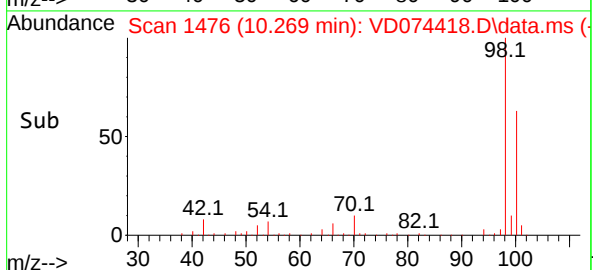
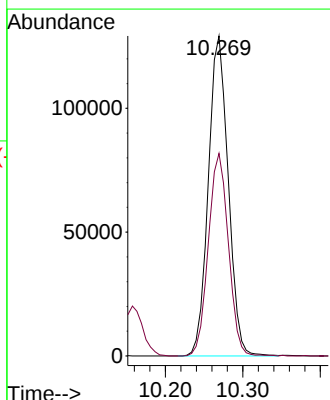
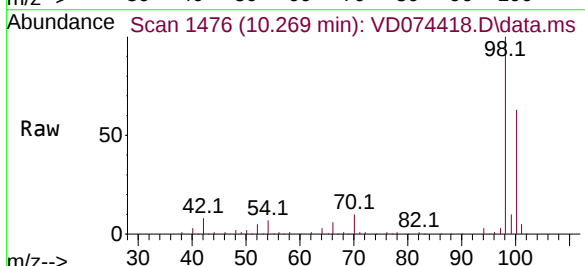
Acq: 26 Sep 2022 13:28

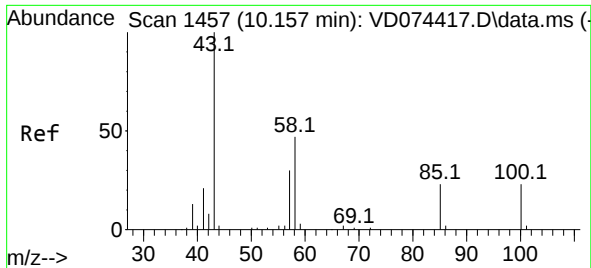
Tgt Ion: 98 Resp: 230387

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

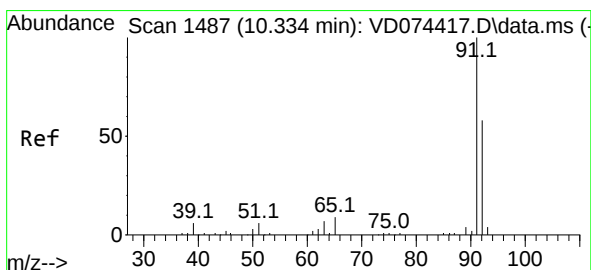
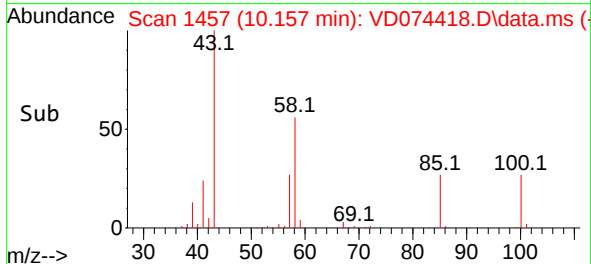
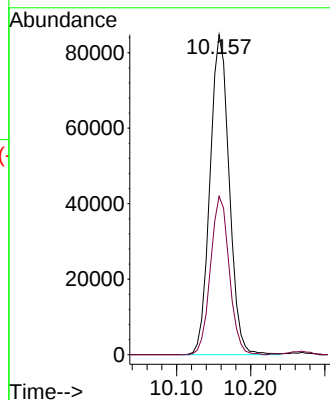
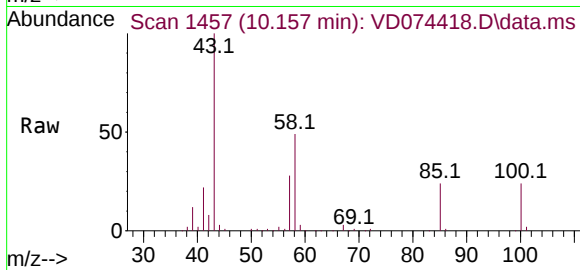




#51
4-Methyl-2-Pentanone
Concen: 520.247 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

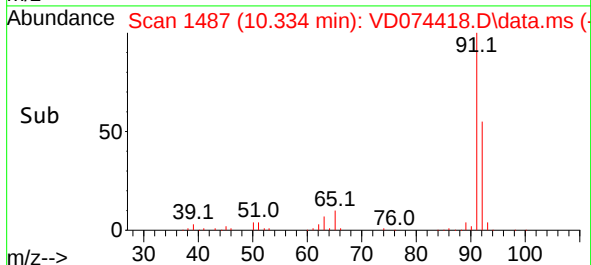
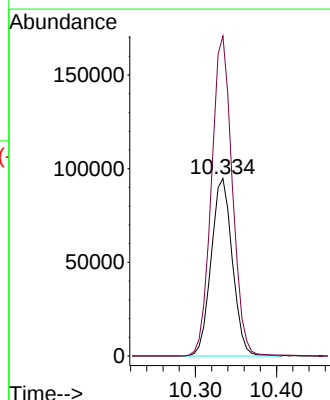
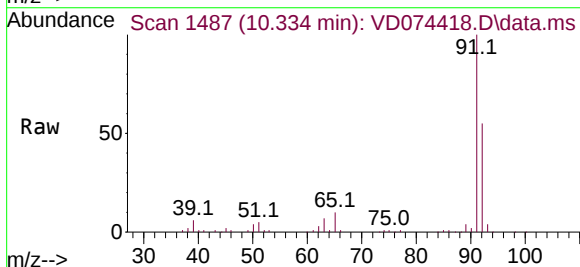
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

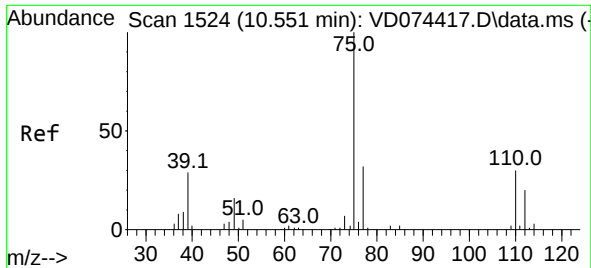
Tgt Ion: 43 Resp: 152759
Ion Ratio Lower Upper
43 100
58 48.2 37.8 56.6



#52
Toluene
Concen: 101.508 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 92 Resp: 171367
Ion Ratio Lower Upper
92 100
91 178.0 139.0 208.4

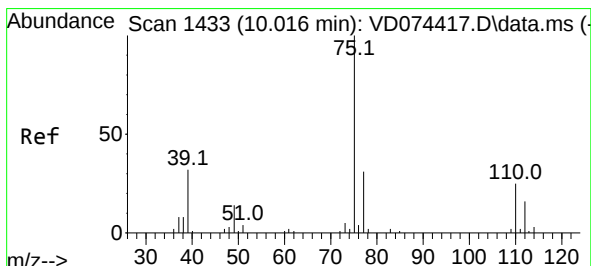
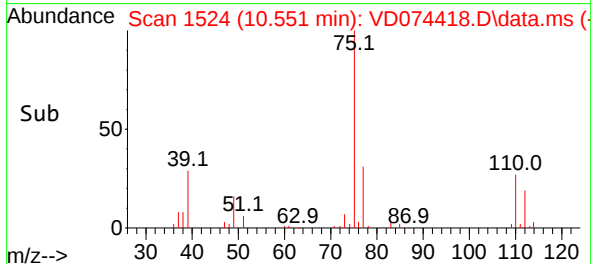
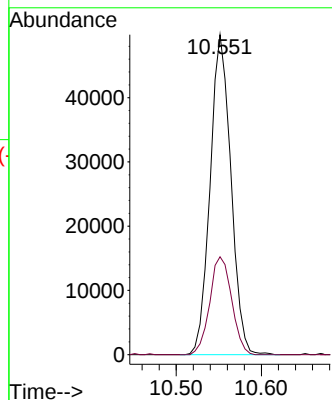
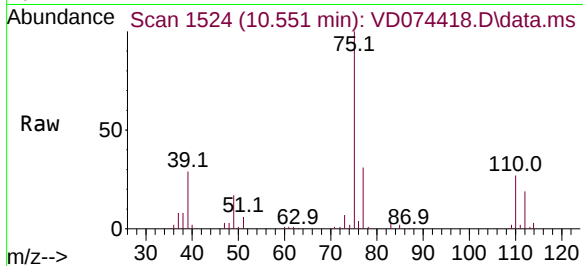




#53
 t-1,3-Dichloropropene
 Concen: 107.139 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

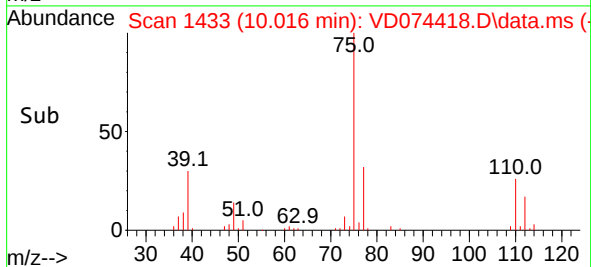
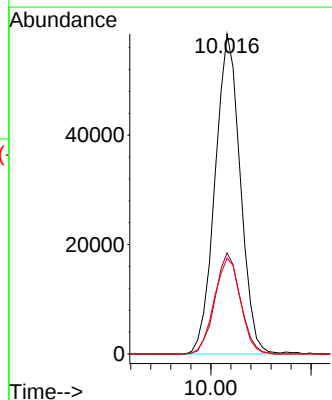
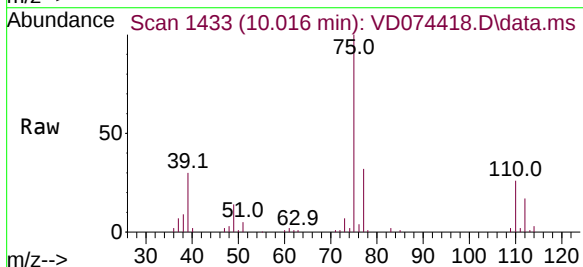
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

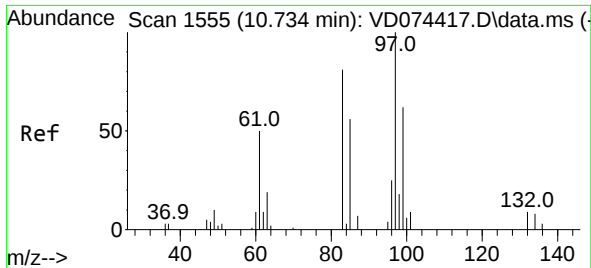
Tgt Ion: 75 Resp: 84538
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 101.792 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Tgt Ion: 75 Resp: 102082
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.7 37.1
 39 30.0 25.4 38.2

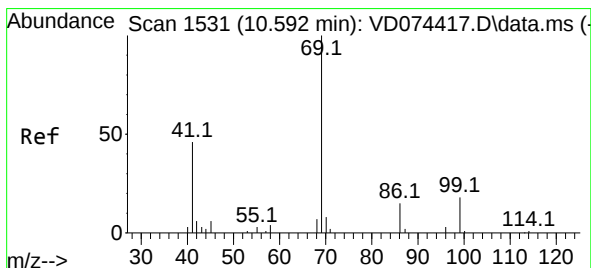
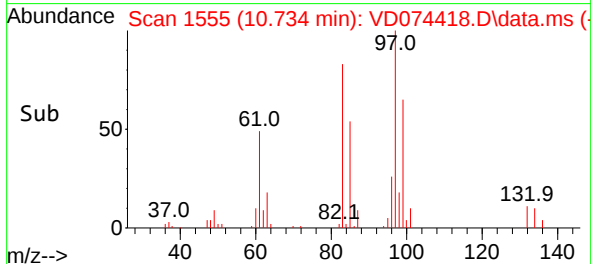
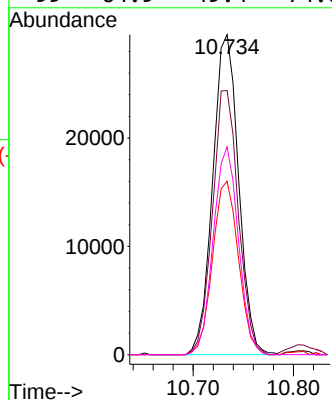
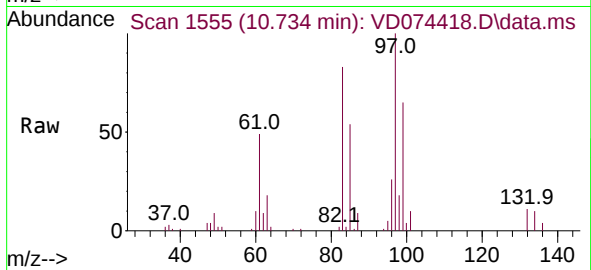




#55
1,1,2-Trichloroethane
Concen: 102.472 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

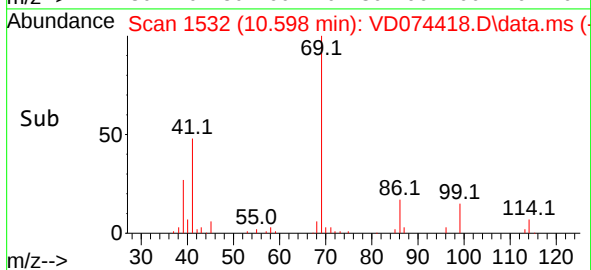
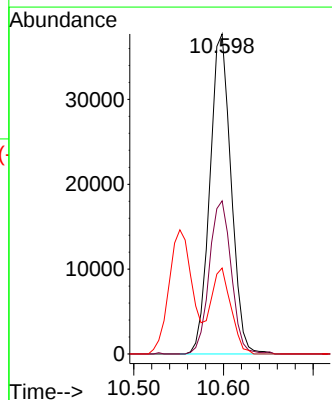
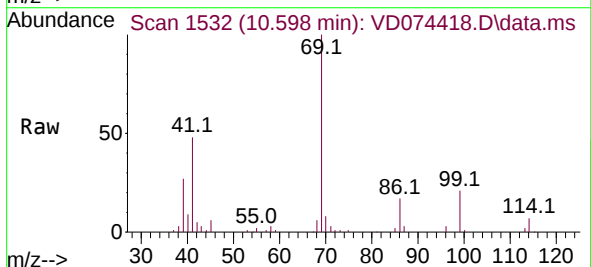
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

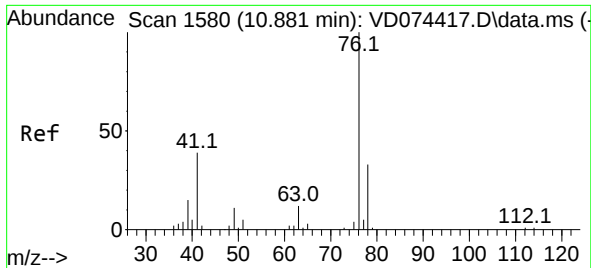
Tgt Ion:	97	Resp:	52900
Ion	Ratio	Lower	Upper
97	100		
83	82.5	64.8	97.2
85	54.2	44.8	67.2
99	64.9	49.4	74.0



#56
Ethyl methacrylate
Concen: 107.723 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion:	69	Resp:	61866
Ion	Ratio	Lower	Upper
69	100		
41	49.6	38.6	58.0
39	25.9	19.9	29.9





#57

1,3-Dichloropropane

Concen: 101.927 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

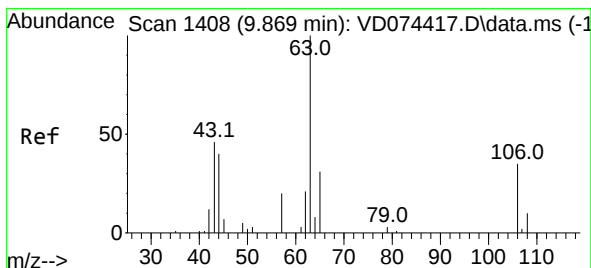
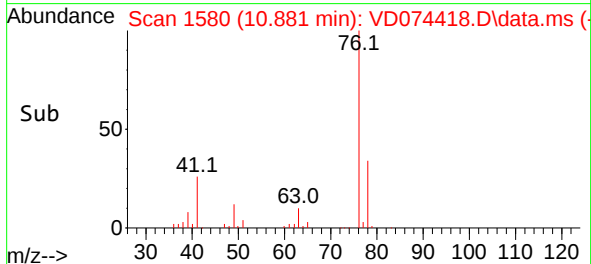
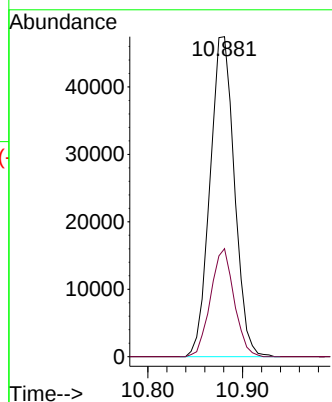
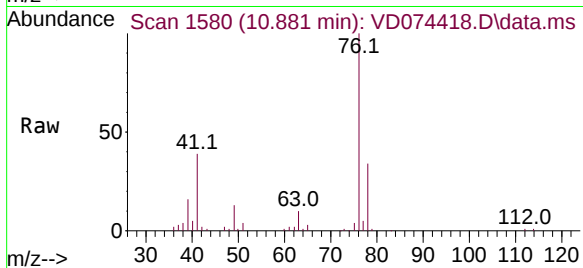
VSTDIC100

Tgt Ion: 76 Resp: 84903

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 677.041 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074418.D

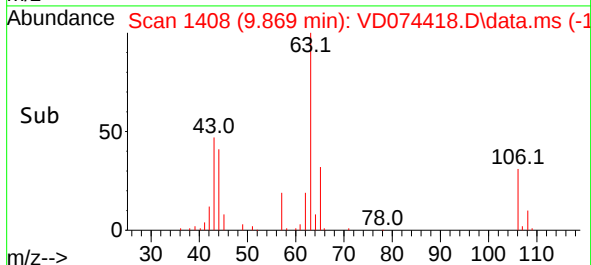
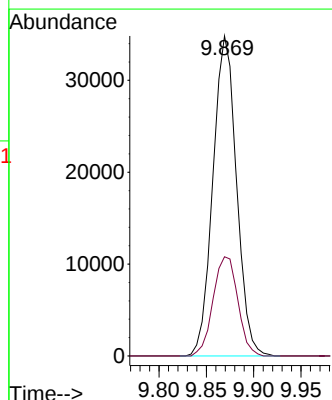
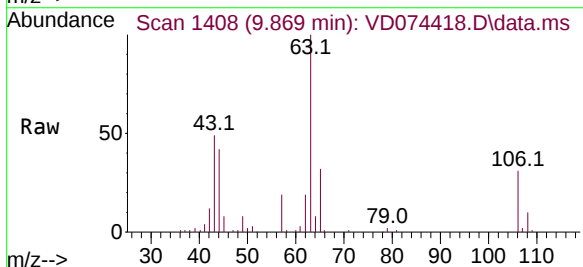
Acq: 26 Sep 2022 13:28

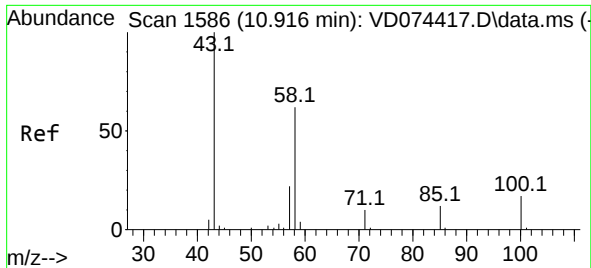
Tgt Ion: 63 Resp: 60429

Ion Ratio Lower Upper

63 100

106 32.4 26.5 39.7

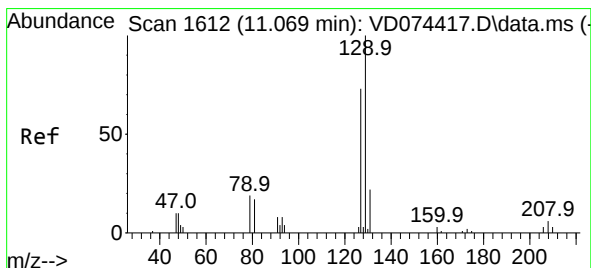
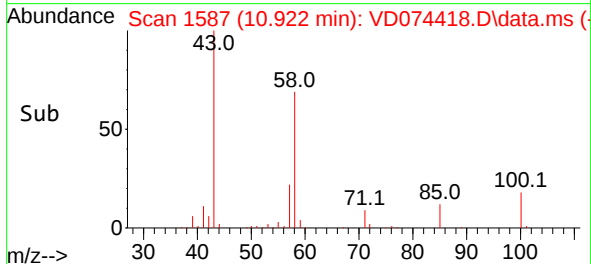
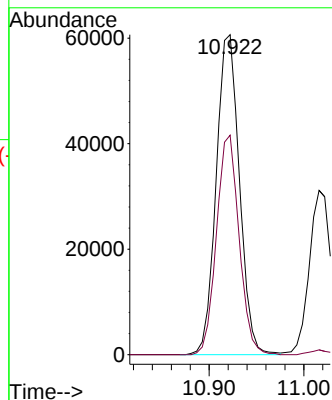
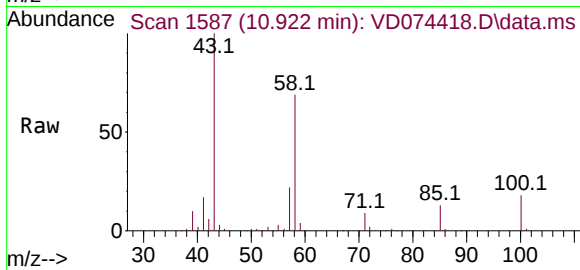




#59
2-Hexanone
Concen: 523.554 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

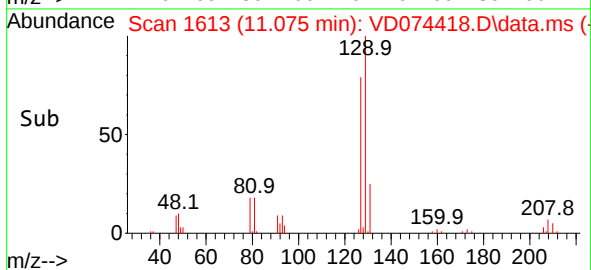
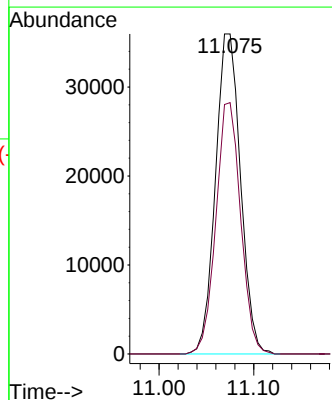
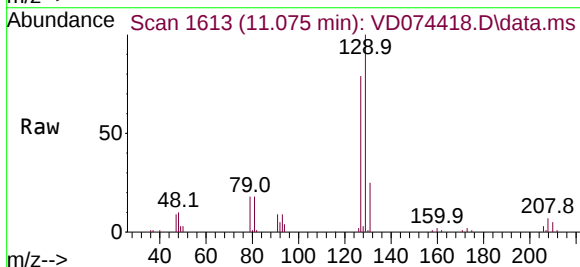
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

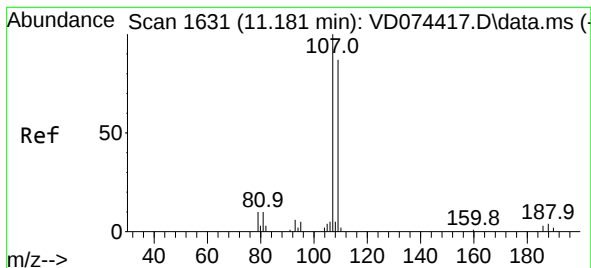
Tgt Ion: 43 Resp: 103413
Ion Ratio Lower Upper
43 100
58 66.8 32.0 96.2



#60
Dibromochloromethane
Concen: 102.918 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 129 Resp: 66174
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 102.168 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

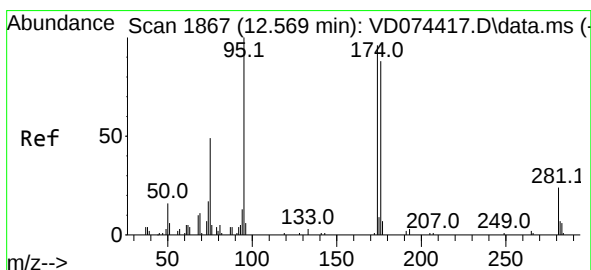
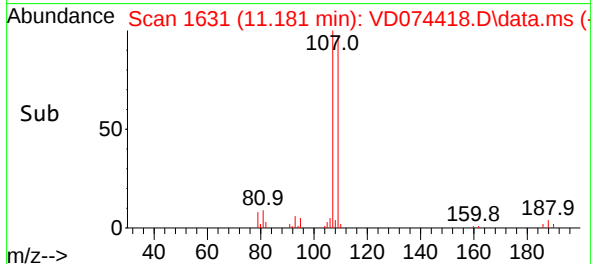
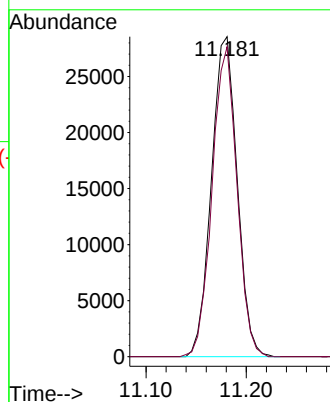
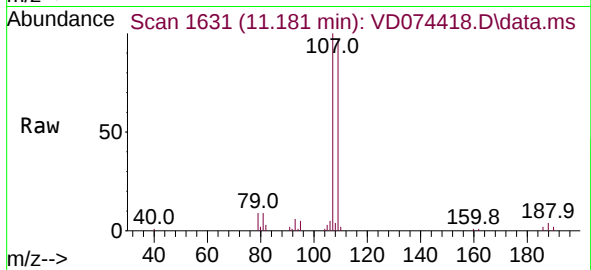
VSTDIC100

Tgt Ion:107 Resp: 50832

Ion Ratio Lower Upper

107 100

109 93.5 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 81.582 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

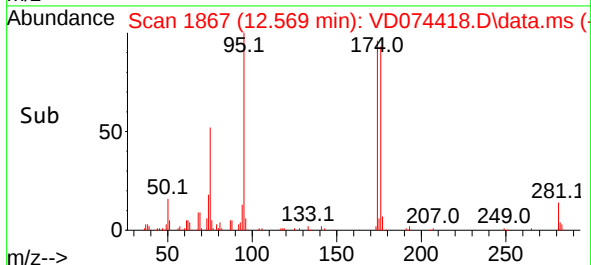
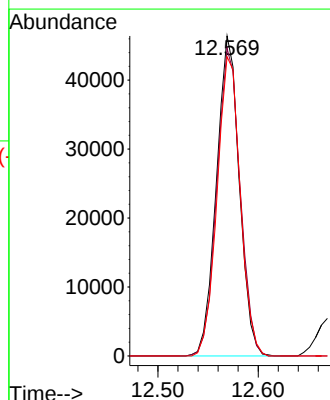
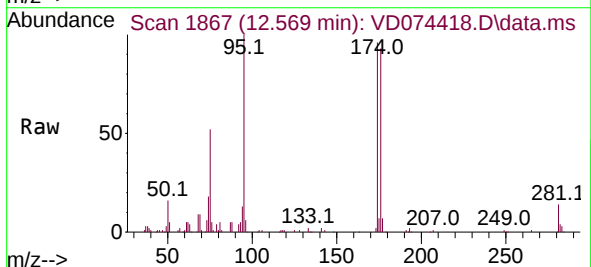
Tgt Ion: 95 Resp: 73269

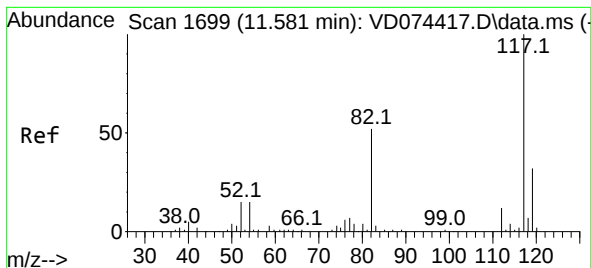
Ion Ratio Lower Upper

95 100

174 97.7 0.0 197.0

176 94.8 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

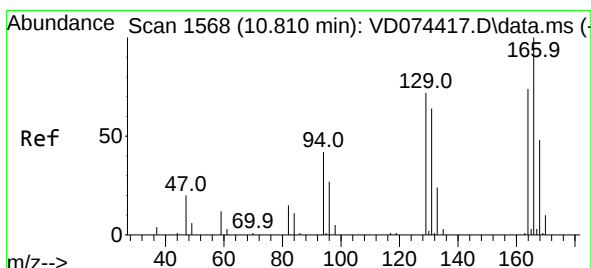
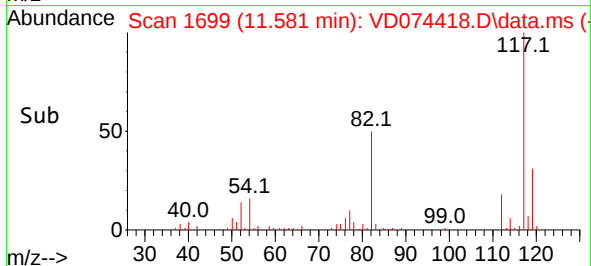
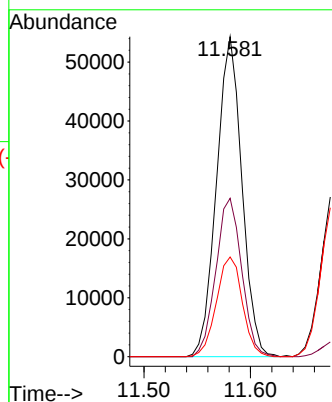
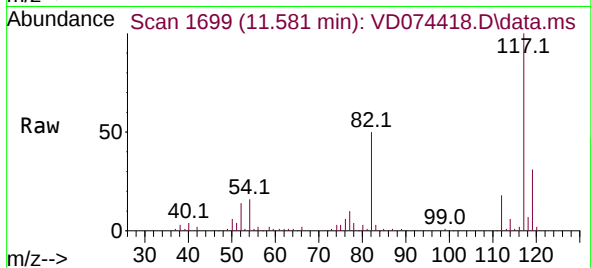
Tgt Ion:117 Resp: 89890

Ion Ratio Lower Upper

117 100

82 49.5 41.6 62.4

119 31.2 25.2 37.8



#64

Tetrachloroethene

Concen: 92.884 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Tgt Ion:164 Resp: 65176

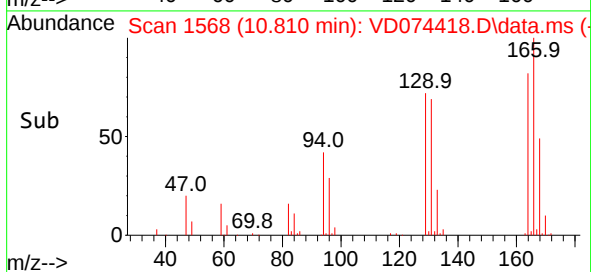
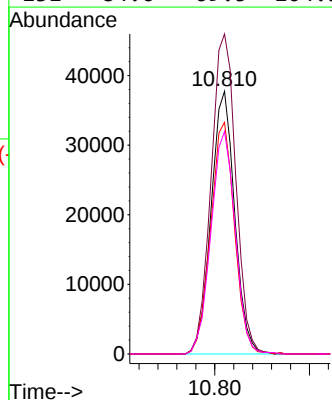
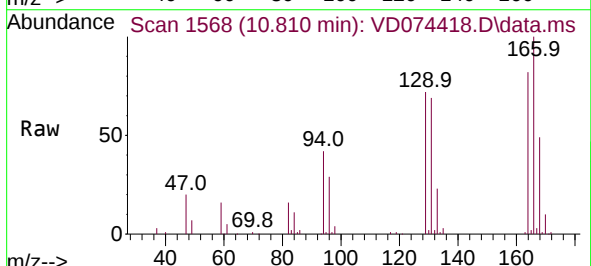
Ion Ratio Lower Upper

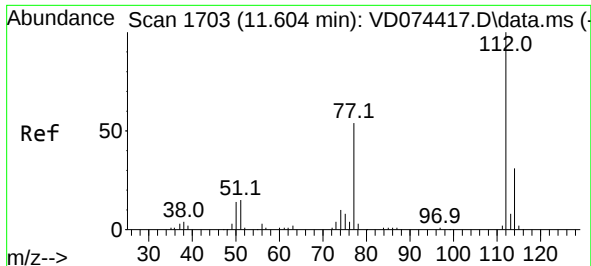
164 100

166 121.8 107.8 161.8

129 88.2 77.4 116.2

131 84.6 69.5 104.3

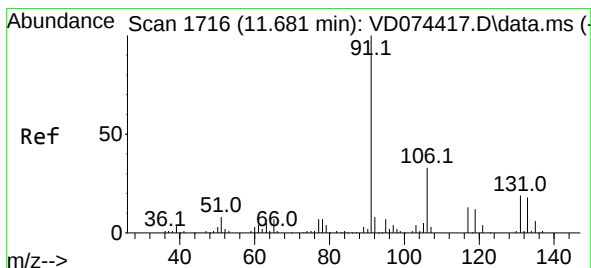
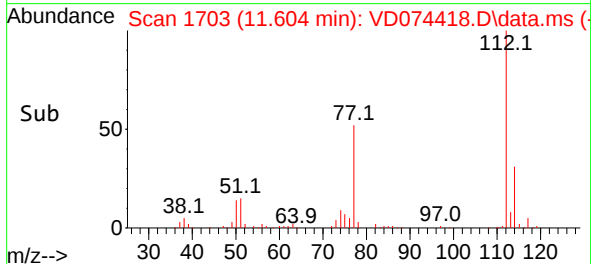
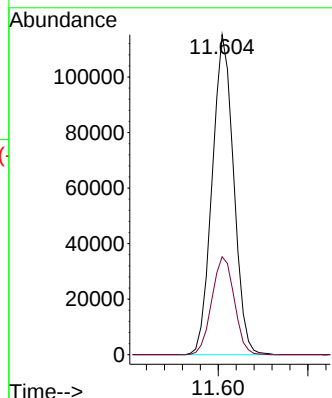
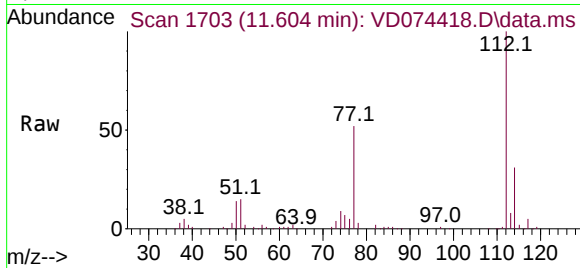




#65
Chlorobenzene
Concen: 98.815 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

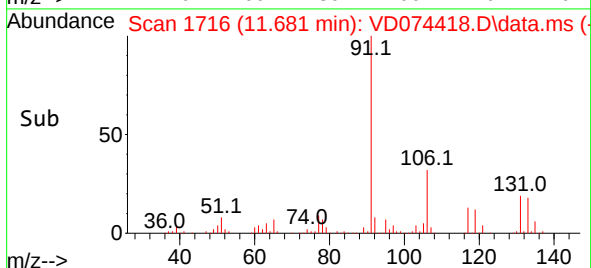
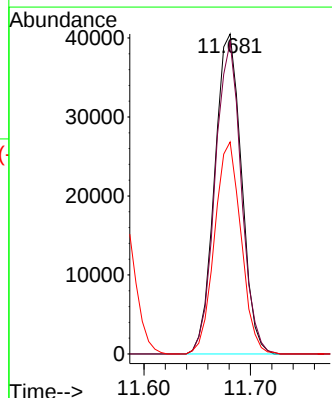
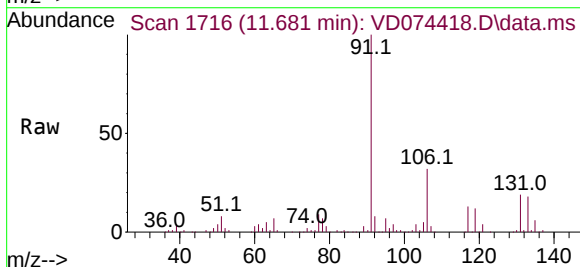
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

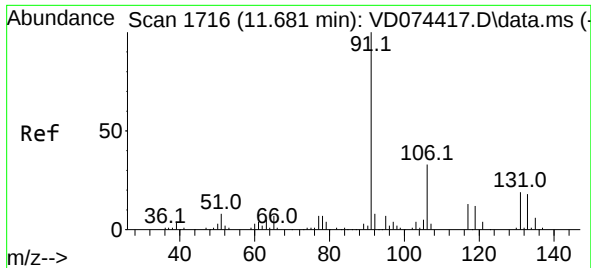
Tgt Ion:112 Resp: 191478
Ion Ratio Lower Upper
112 100
114 30.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 101.356 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion:131 Resp: 70931
Ion Ratio Lower Upper
131 100
133 94.9 46.6 139.8
119 65.3 32.5 97.4

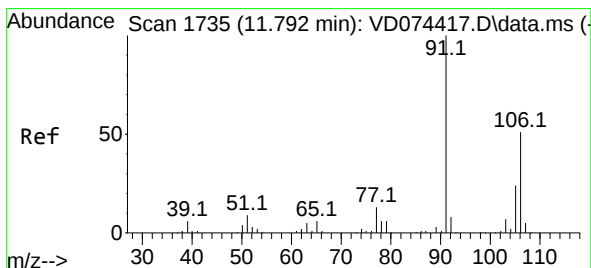
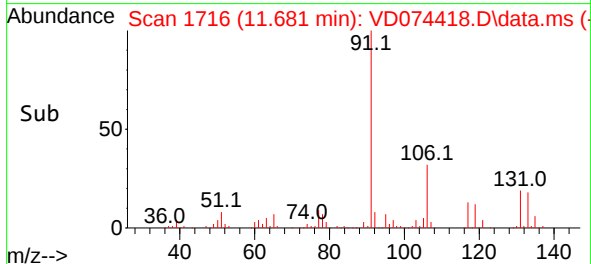
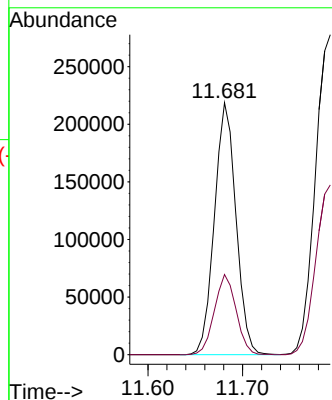
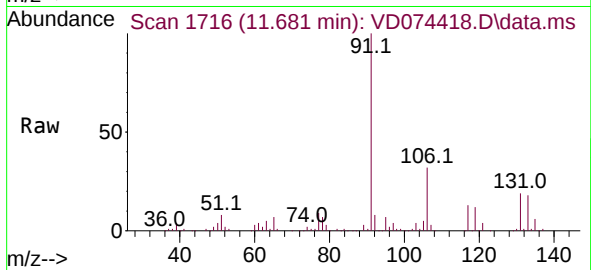




#67
Ethyl Benzene
Concen: 101.597 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

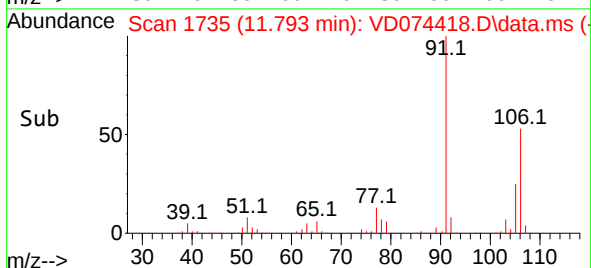
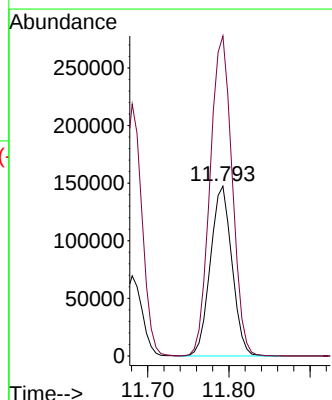
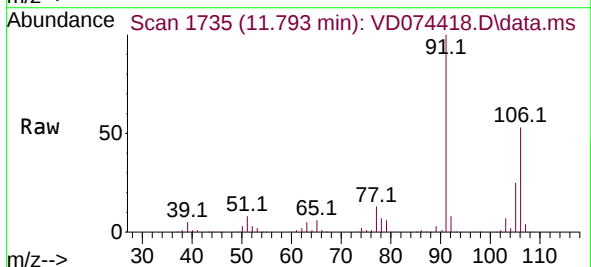
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

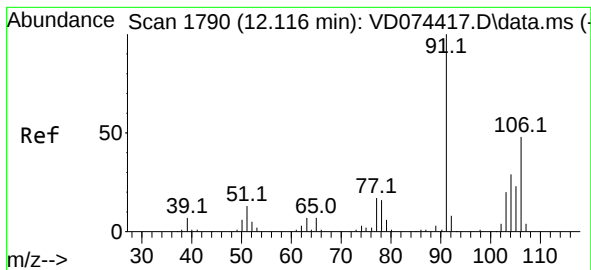
Tgt Ion: 91 Resp: 346100
Ion Ratio Lower Upper
91 100
106 31.8 26.6 40.0



#68
m/p-Xylenes
Concen: 202.574 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion:106 Resp: 271749
Ion Ratio Lower Upper
106 100
91 193.3 156.2 234.4

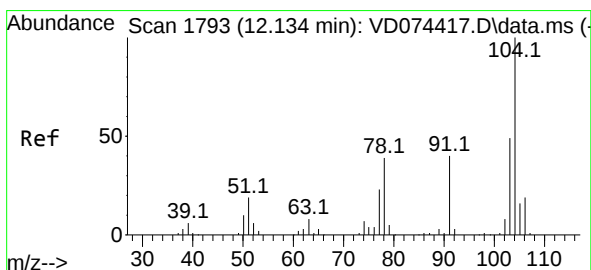
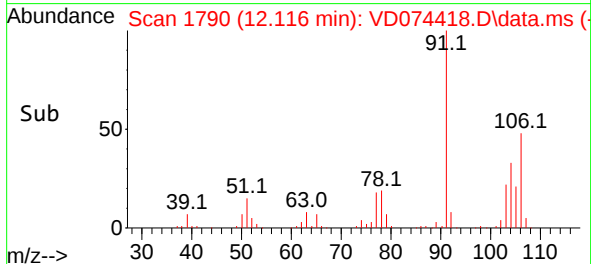
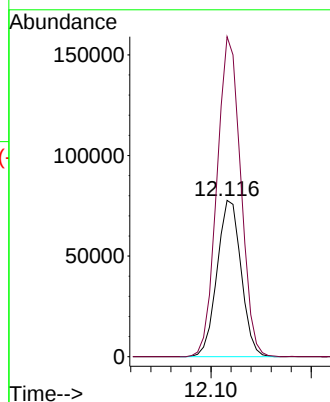
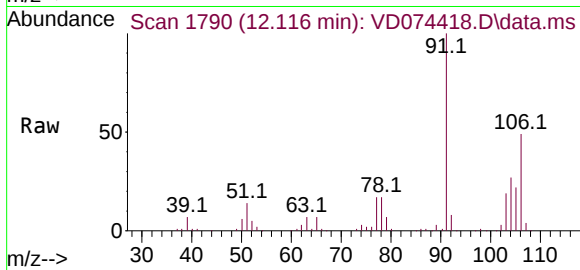




#69
o-Xylene
Concen: 103.622 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

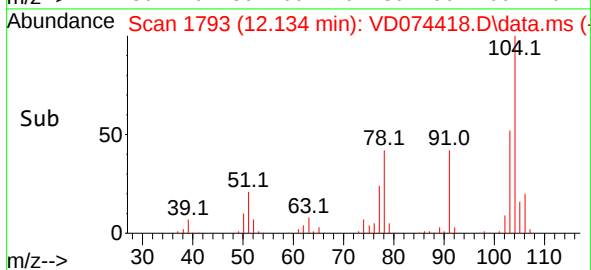
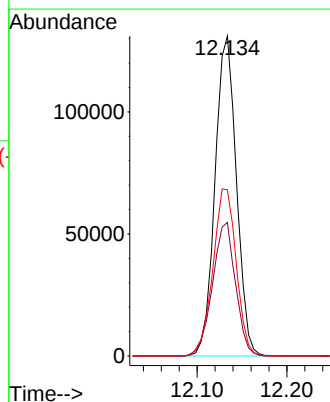
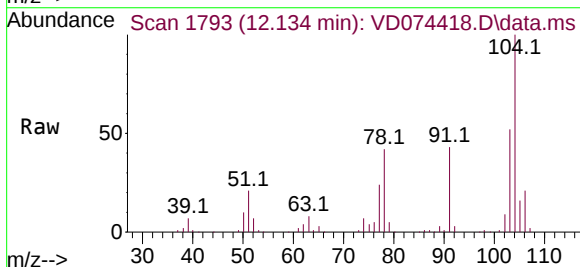
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

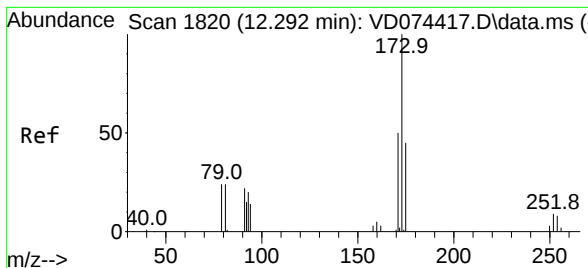
Tgt Ion:106 Resp: 129077
Ion Ratio Lower Upper
106 100
91 202.9 104.5 313.3



#70
Styrene
Concen: 100.367 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion:104 Resp: 216978
Ion Ratio Lower Upper
104 100
78 44.8 35.7 53.5
103 56.9 43.7 65.5





#71

Bromoform

Concen: 104.987 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

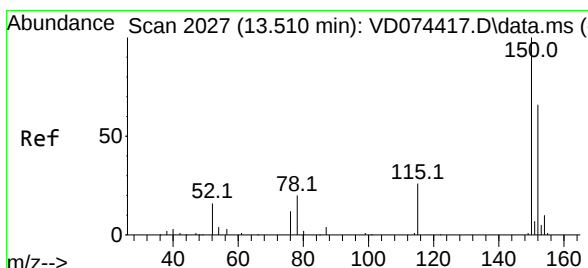
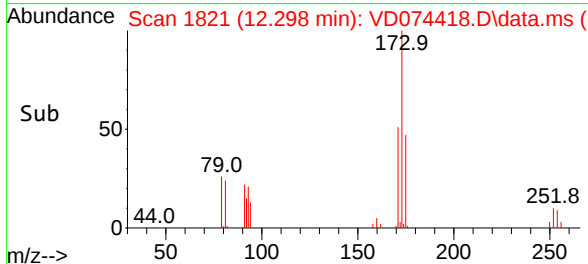
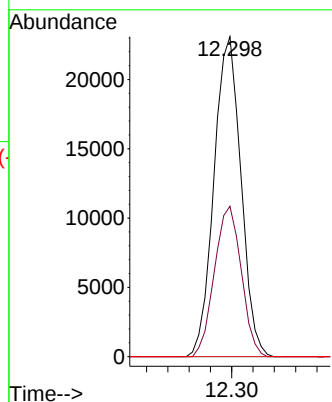
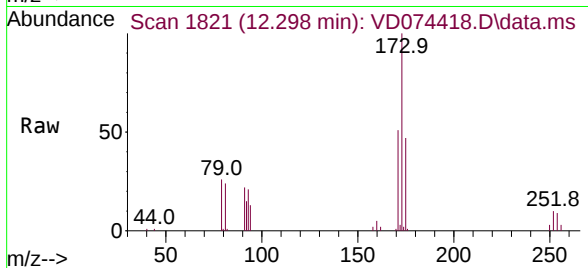
Tgt Ion:173 Resp: 40557

Ion Ratio Lower Upper

173 100

175 46.8 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: VD074418.D

Acq: 26 Sep 2022 13:28

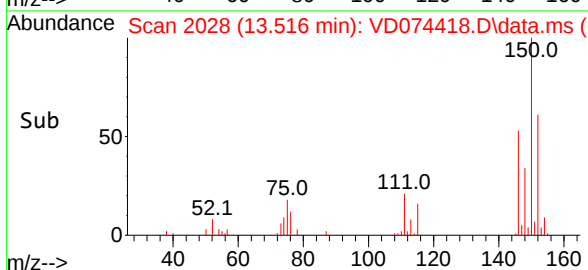
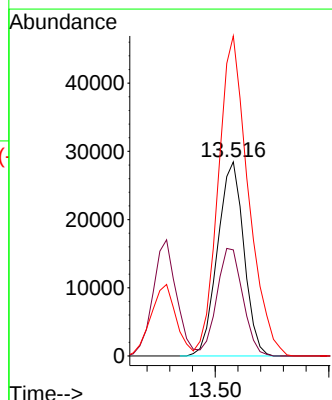
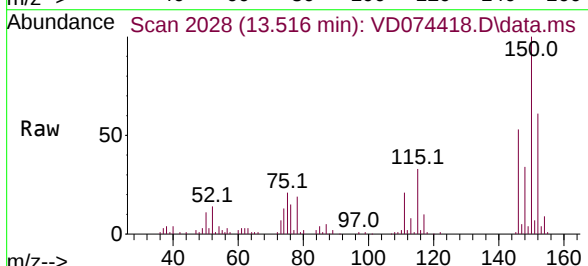
Tgt Ion:152 Resp: 45745

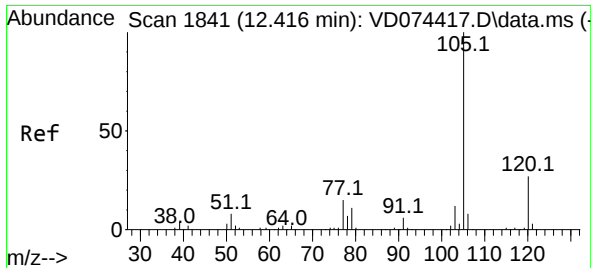
Ion Ratio Lower Upper

152 100

115 54.6 26.8 80.4

150 188.5 0.0 348.2

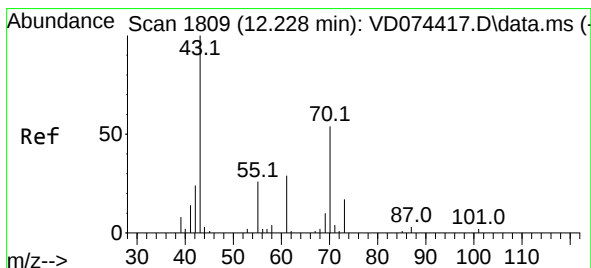
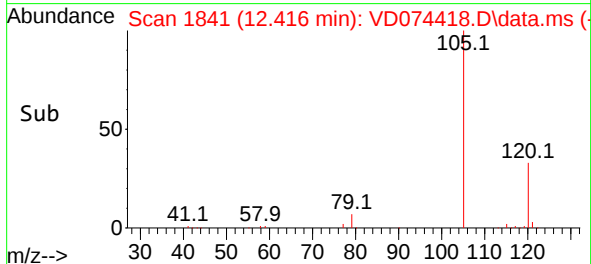
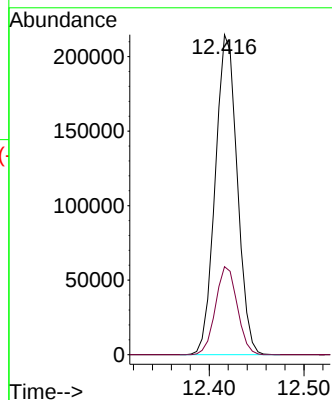
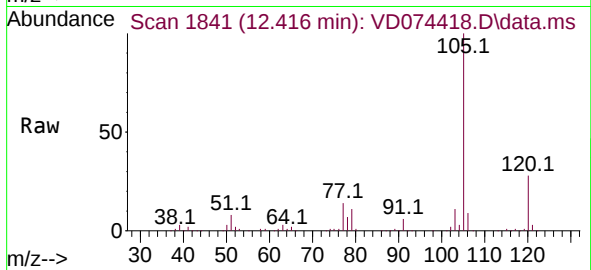




#73
Isopropylbenzene
Concen: 102.372 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

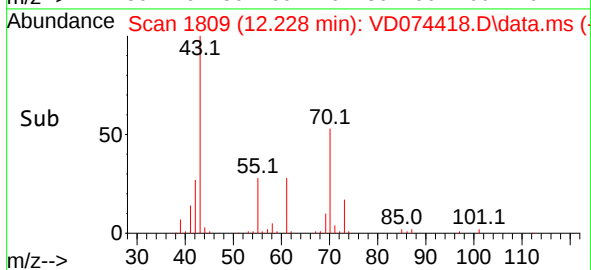
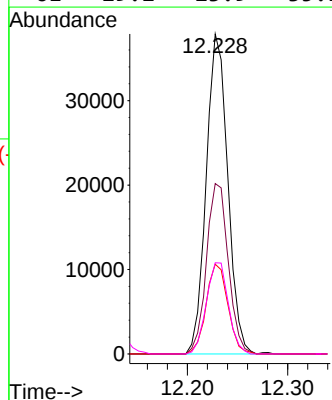
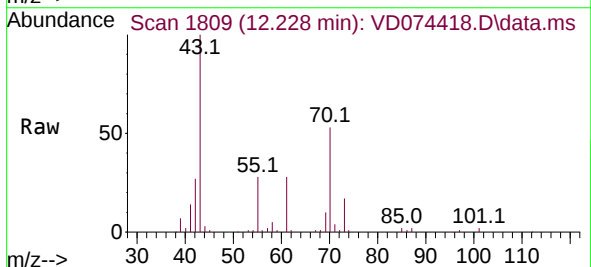
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

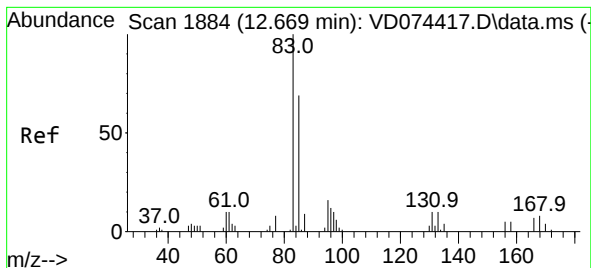
Tgt Ion:105 Resp: 346262
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 106.225 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 43 Resp: 56538
Ion Ratio Lower Upper
43 100
70 54.0 43.8 65.6
55 28.3 22.0 33.0
61 29.2 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 98.898 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

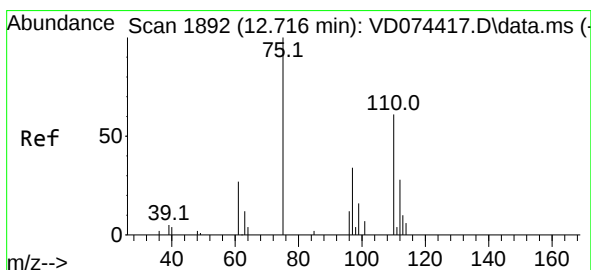
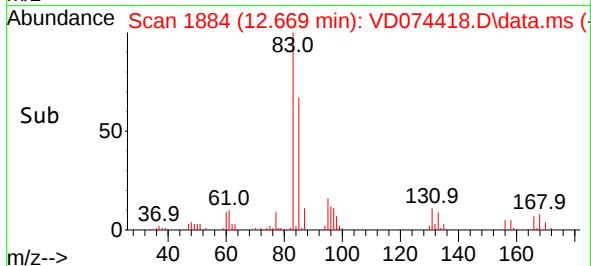
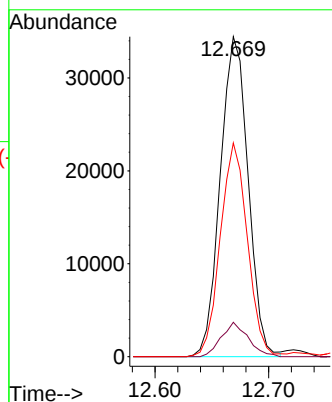
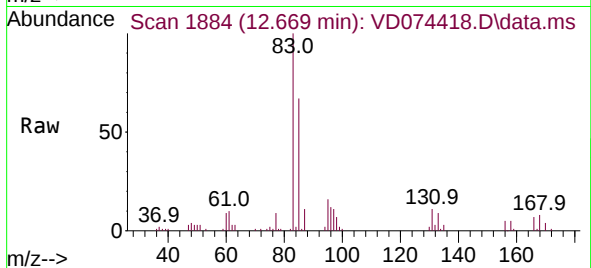
Tgt Ion: 83 Resp: 58620

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

85 65.1 33.1 99.2



#76

1,2,3-Trichloropropane

Concen: 189.890 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VD074418.D

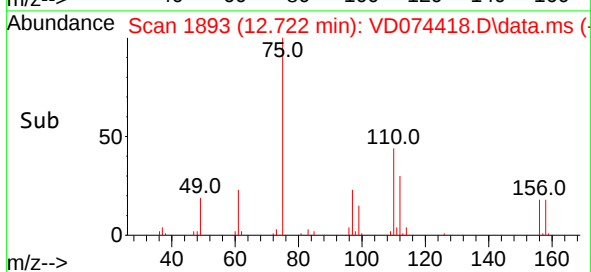
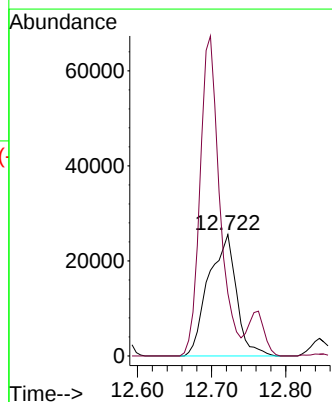
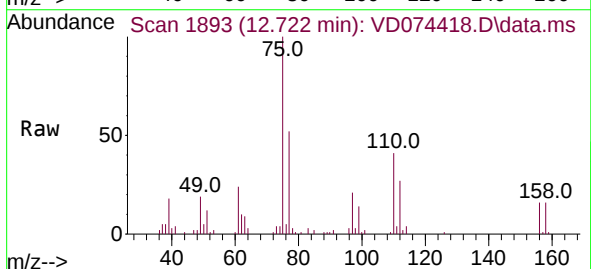
Acq: 26 Sep 2022 13:28

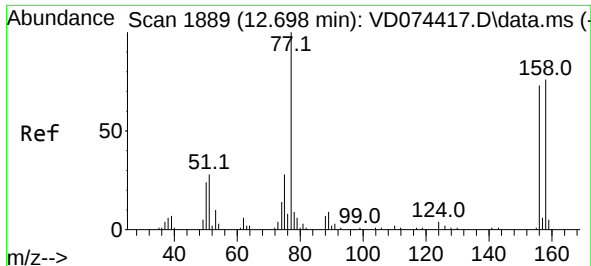
Tgt Ion: 75 Resp: 67050

Ion Ratio Lower Upper

75 100

77 0.0 185.8 557.5#

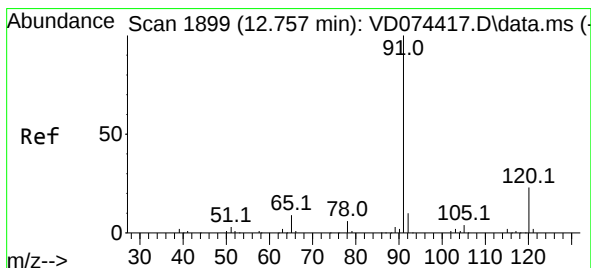
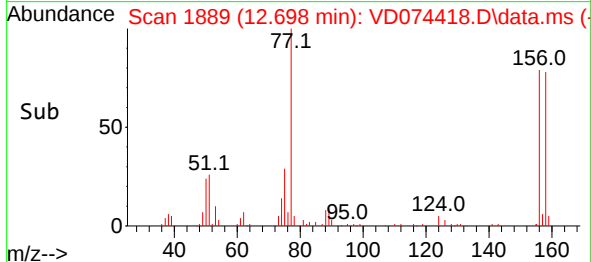
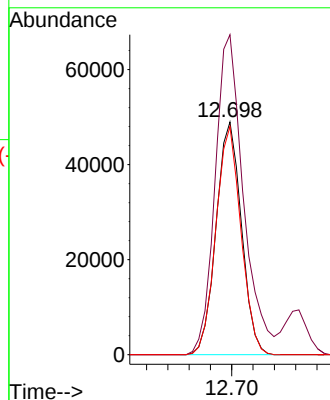
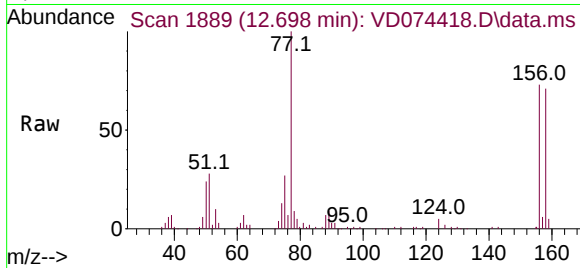




#77
Bromobenzene
Concen: 99.983 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

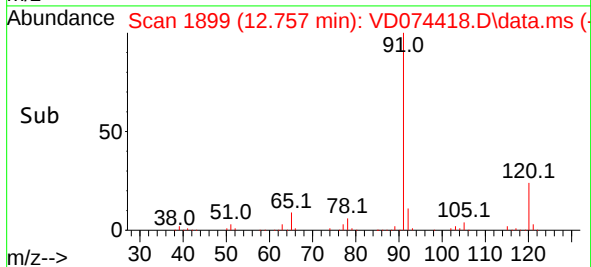
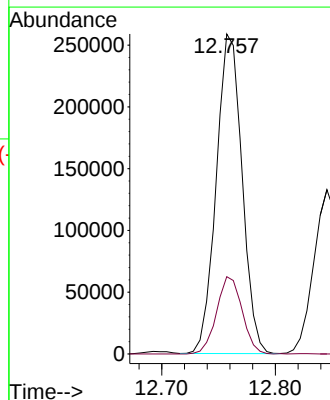
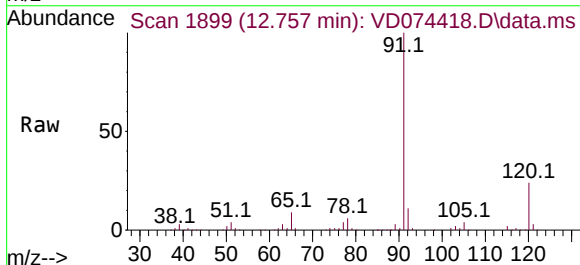
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

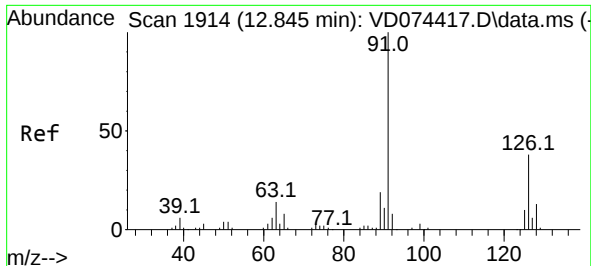
Tgt Ion:156 Resp: 80601
Ion Ratio Lower Upper
156 100
77 154.2 77.7 233.1
158 97.1 49.4 148.2



#78
n-propylbenzene
Concen: 100.311 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 91 Resp: 408469
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.7

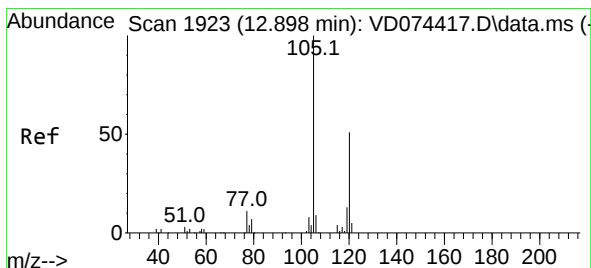
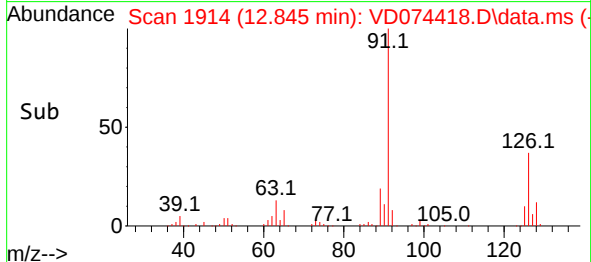
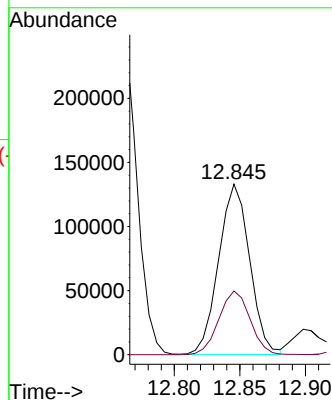
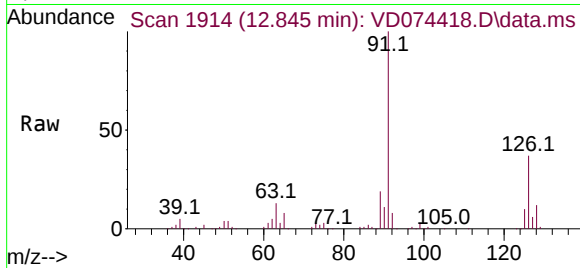




#79
2-Chlorotoluene
Concen: 99.676 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

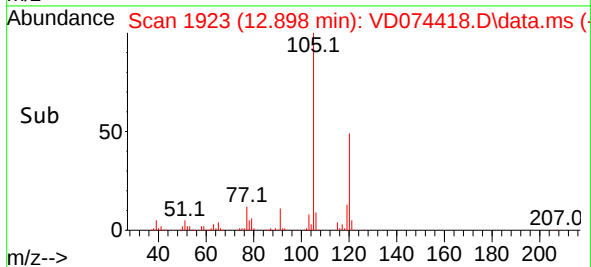
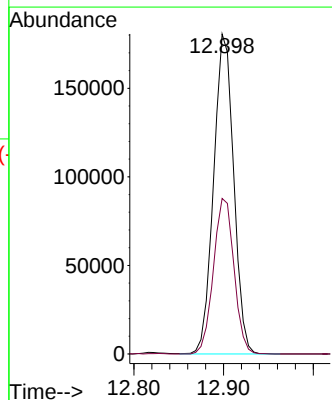
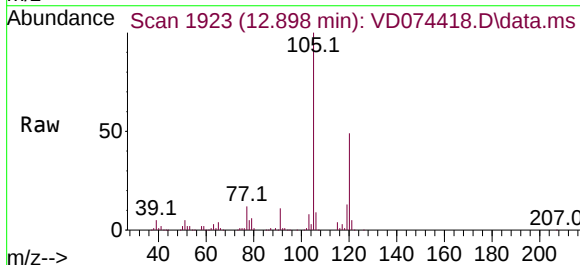
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

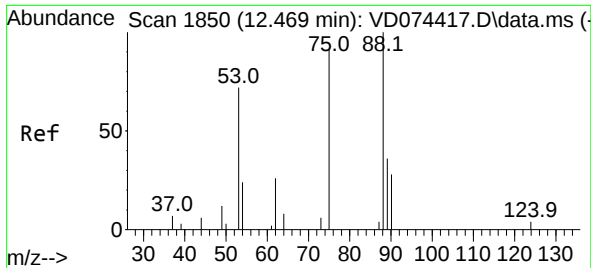
Tgt Ion: 91 Resp: 218789
Ion Ratio Lower Upper
91 100
126 37.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 100.281 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 105 Resp: 280563
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.0

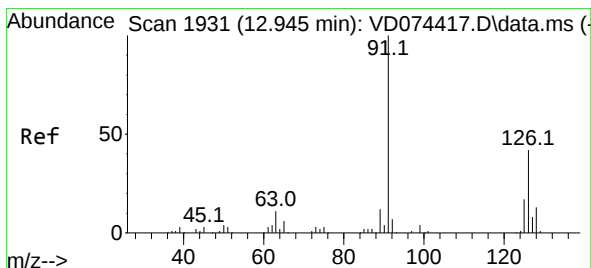
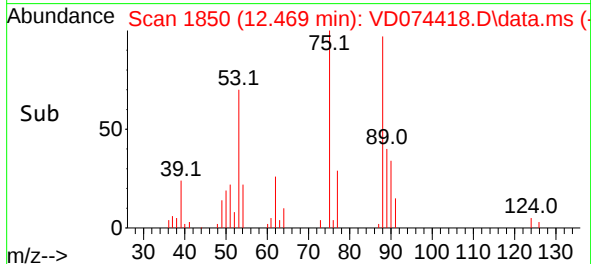
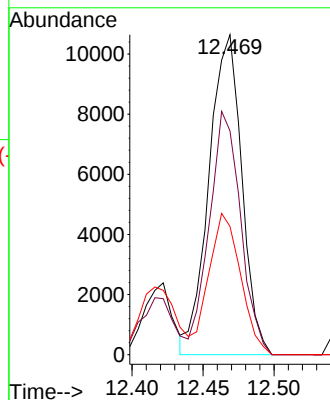
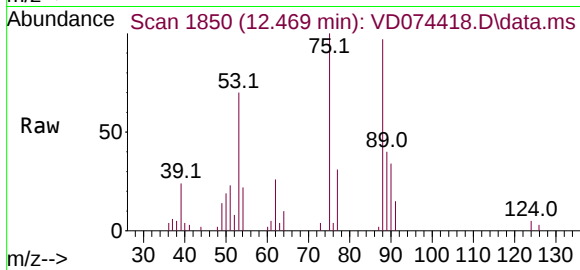




#81
trans-1,4-Dichloro-2-butene
Concen: 119.981 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

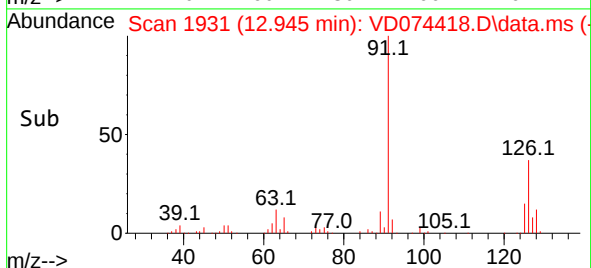
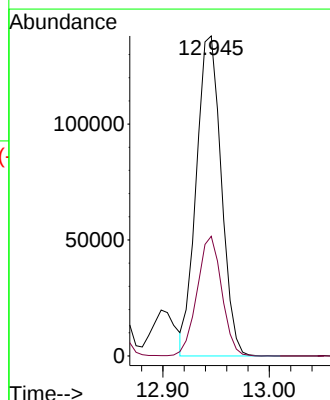
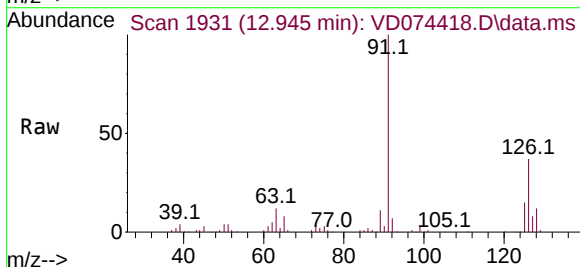
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

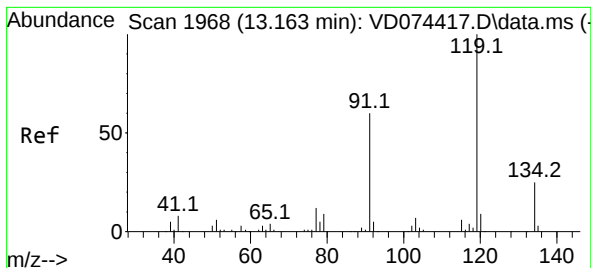
Tgt Ion: 75 Resp: 17109
Ion Ratio Lower Upper
75 100
53 72.5 63.8 95.6
89 43.1 38.2 57.4



#82
4-Chlorotoluene
Concen: 99.547 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 91 Resp: 224756
Ion Ratio Lower Upper
91 100
126 36.9 18.8 56.4





#83

tert-Butylbenzene

Concen: 101.563 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

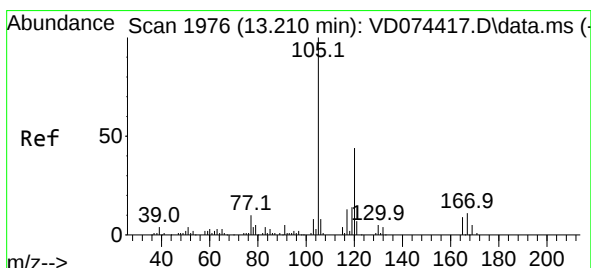
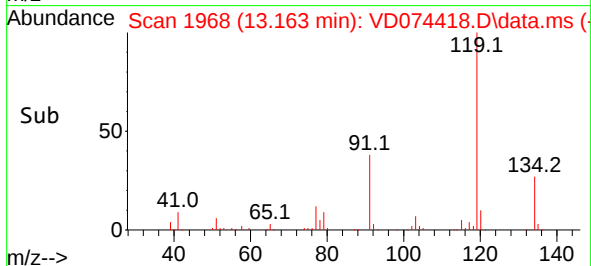
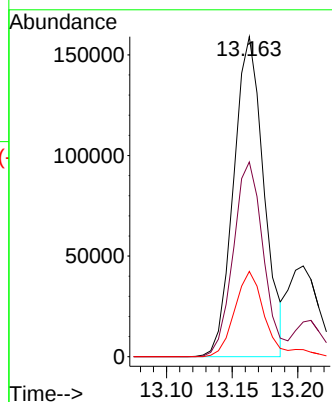
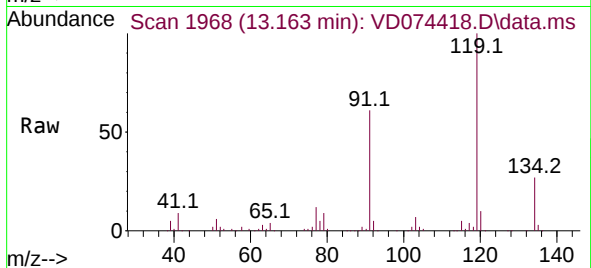
Tgt Ion:119 Resp: 255755

Ion Ratio Lower Upper

119 100

91 60.9 30.0 90.0

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 99.117 ug/l

RT: 13.204 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VD074418.D

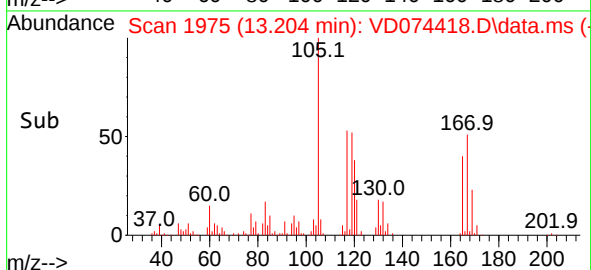
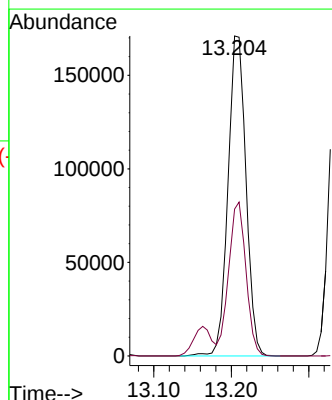
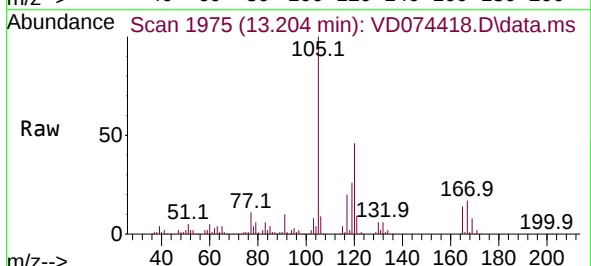
Acq: 26 Sep 2022 13:28

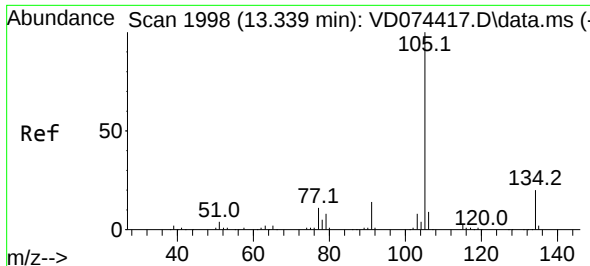
Tgt Ion:105 Resp: 276079

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.7

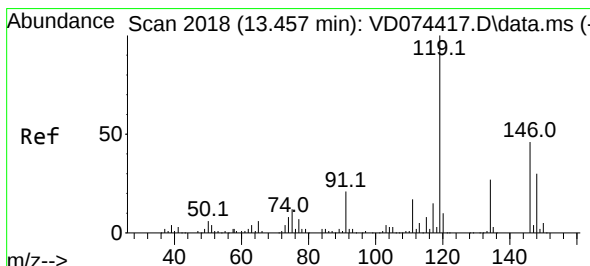
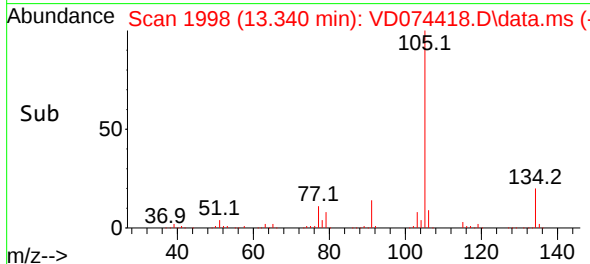
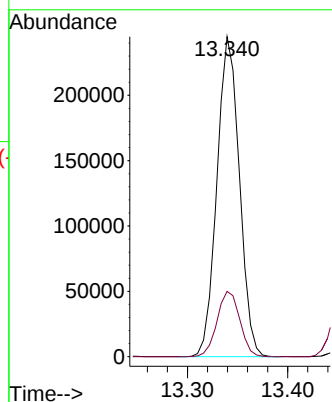
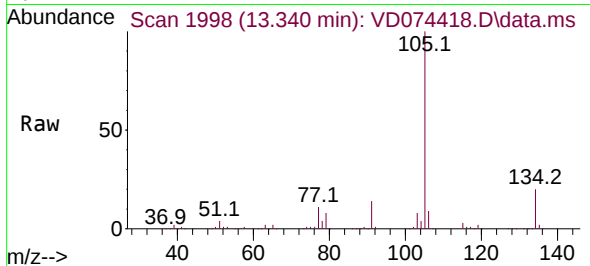




#85
 sec-Butylbenzene
 Concen: 100.252 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

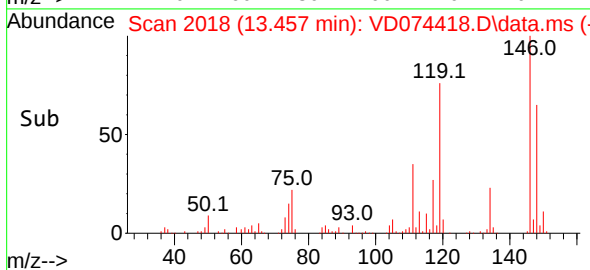
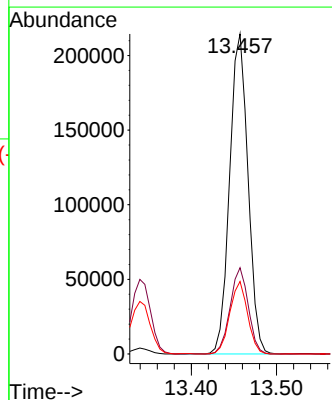
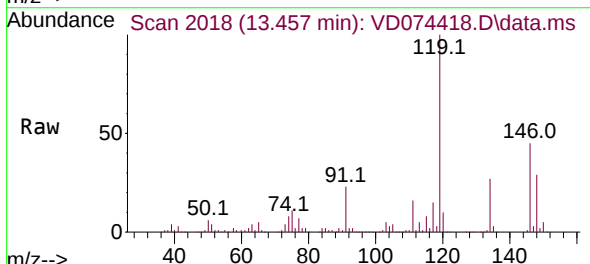
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

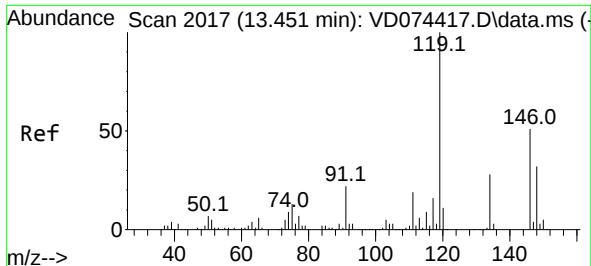
Tgt Ion:105 Resp: 380551
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 101.413 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Tgt Ion:119 Resp: 321000
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 22.0 10.8 32.4

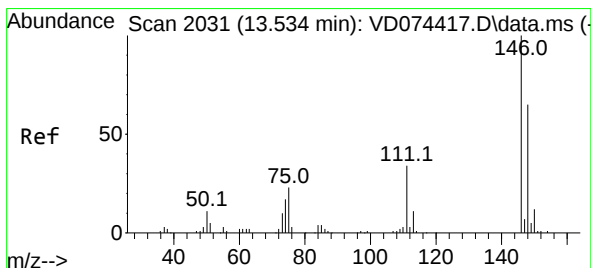
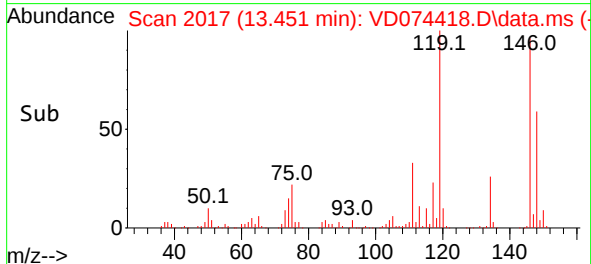
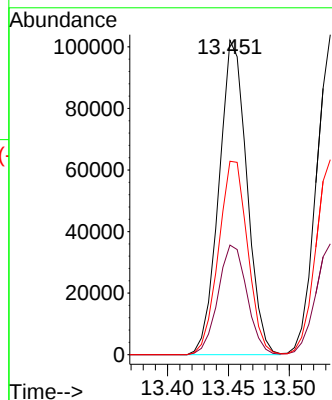
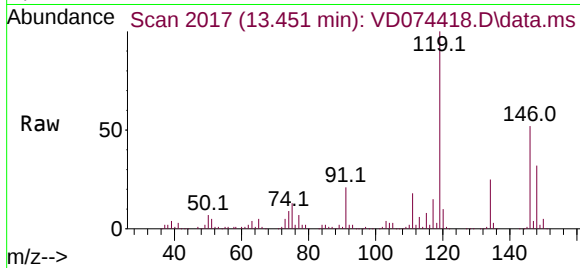




#87
1,3-Dichlorobenzene
Concen: 98.921 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

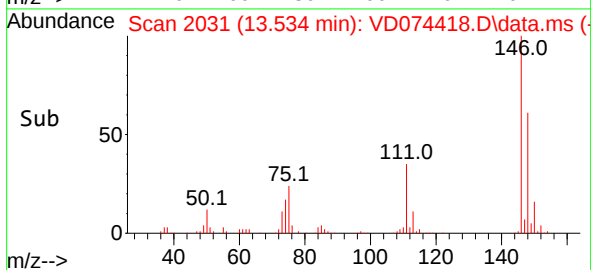
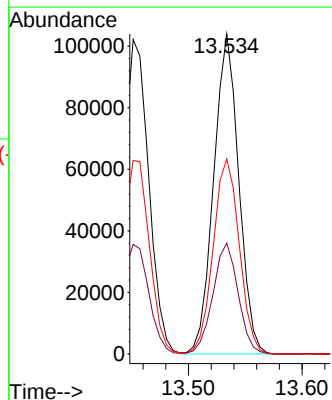
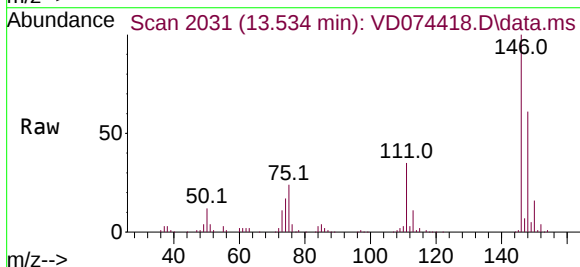
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

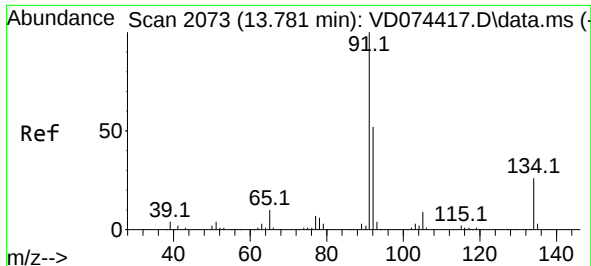
Tgt Ion:146 Resp: 163322
Ion Ratio Lower Upper
146 100
111 36.1 18.3 54.8
148 63.9 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 96.587 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion:146 Resp: 159588
Ion Ratio Lower Upper
146 100
111 34.9 17.7 53.1
148 63.4 32.3 96.9





#89

n-Butylbenzene

Concen: 100.949 ug/l

RT: 13.781 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

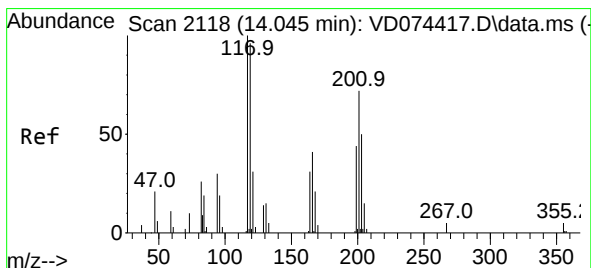
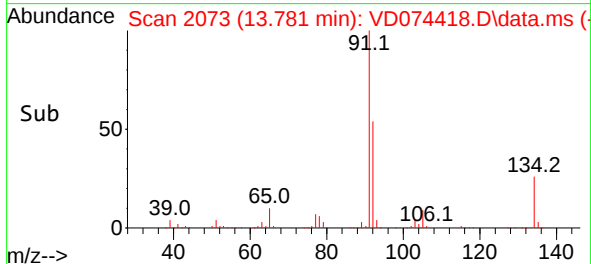
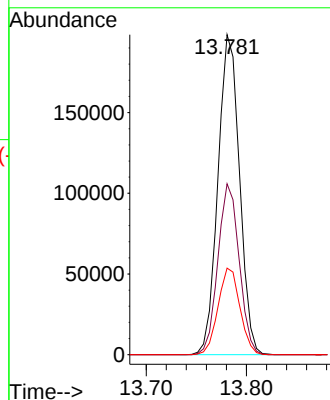
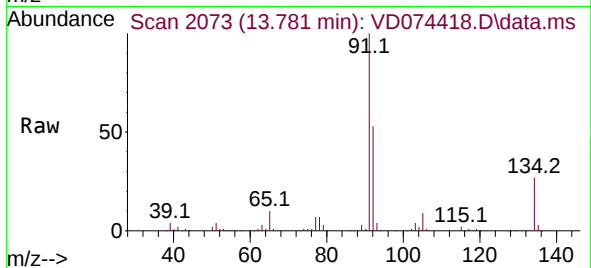
Tgt Ion: 91 Resp: 295671

Ion Ratio Lower Upper

91 100

92 52.6 26.9 80.7

134 27.4 13.4 40.2



#90

Hexachloroethane

Concen: 101.701 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD074418.D

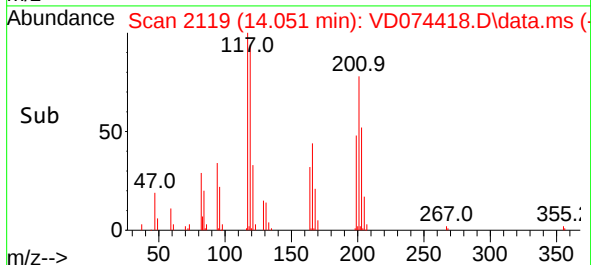
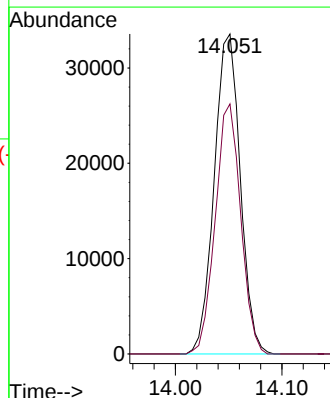
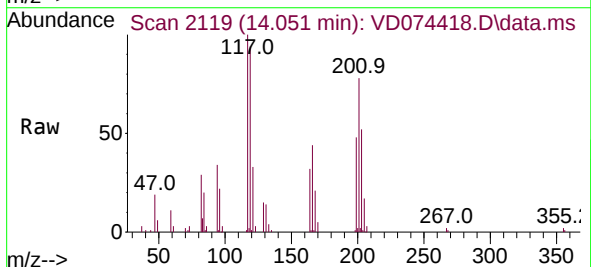
Acq: 26 Sep 2022 13:28

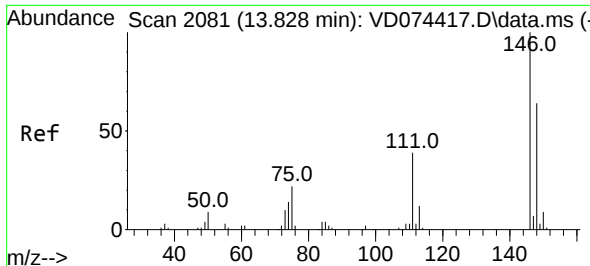
Tgt Ion: 117 Resp: 56963

Ion Ratio Lower Upper

117 100

201 76.4 38.0 114.0

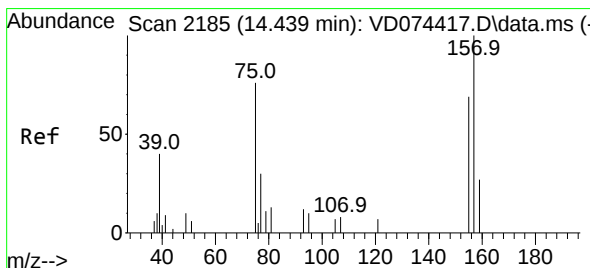
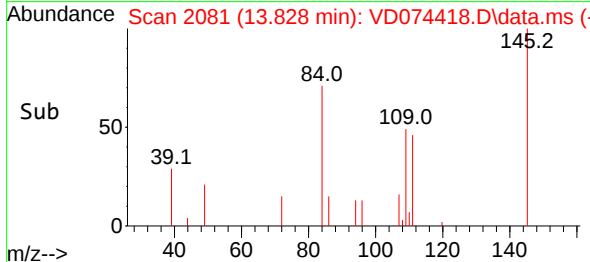
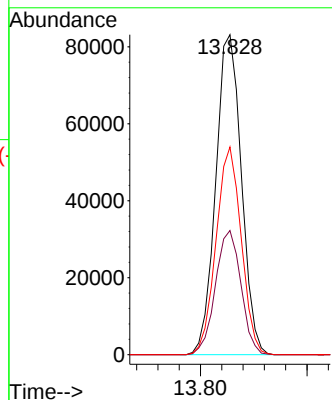
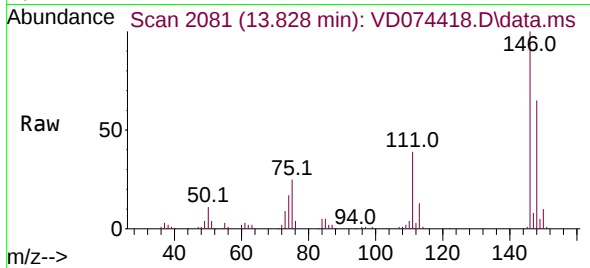




#91
1,2-Dichlorobenzene
Concen: 96.913 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

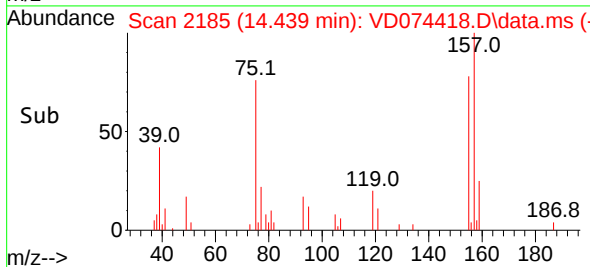
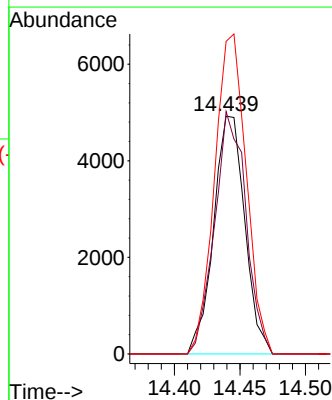
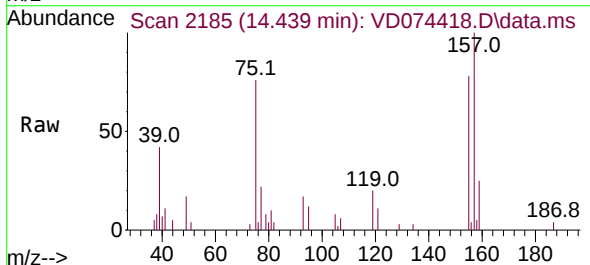
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

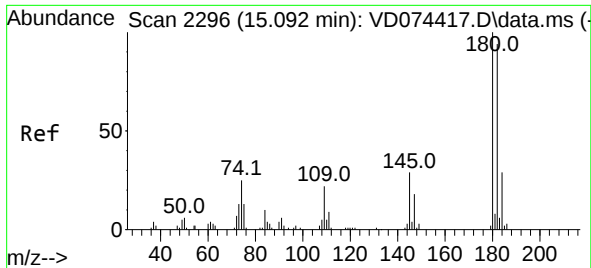
Tgt Ion:146 Resp: 139019
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.5
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 109.021 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD074418.D
Acq: 26 Sep 2022 13:28

Tgt Ion: 75 Resp: 8132
Ion Ratio Lower Upper
75 100
155 102.2 51.2 153.8
157 136.6 68.2 204.5

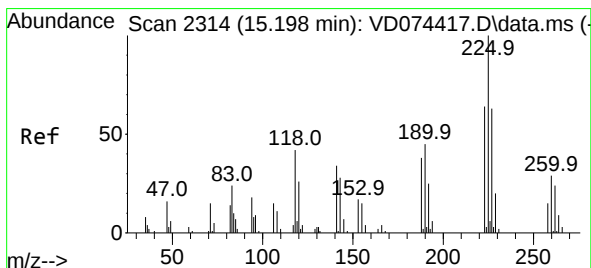
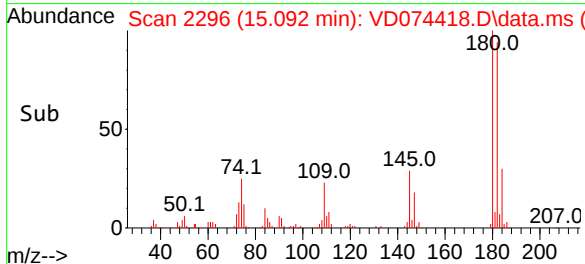
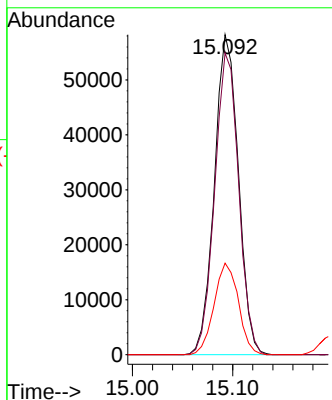
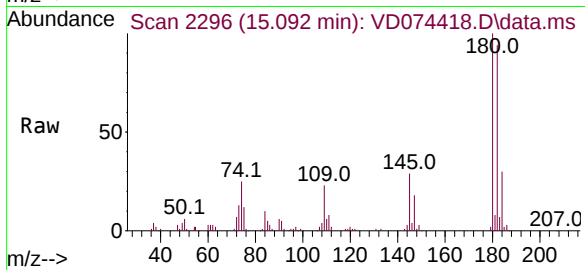




#93
 1,2,4-Trichlorobenzene
 Concen: 99.886 ug/l
 RT: 15.092 min Scan# 2296
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

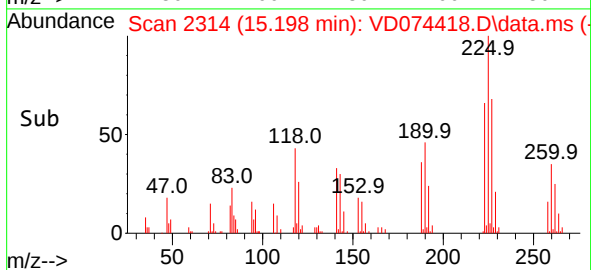
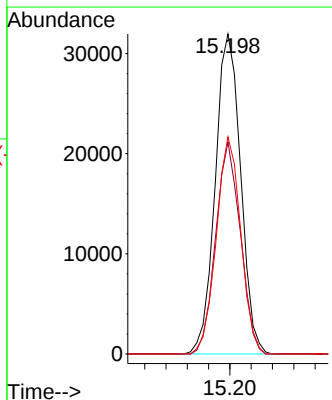
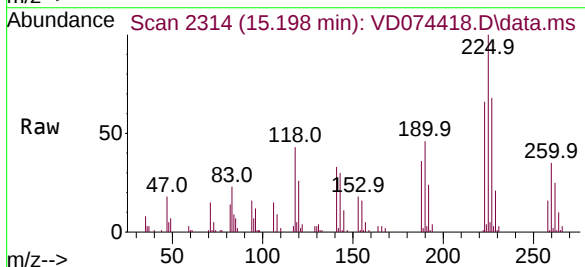
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

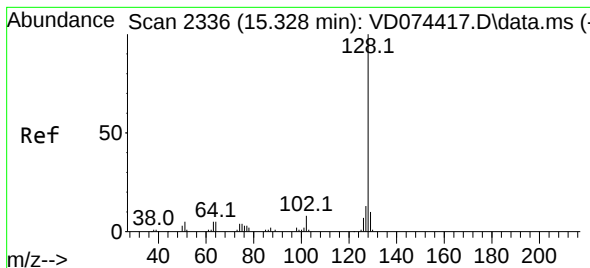
Tgt Ion:180 Resp: 96545
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.9 140.6
 145 29.0 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 98.980 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD074418.D
 Acq: 26 Sep 2022 13:28

Tgt Ion:225 Resp: 52795
 Ion Ratio Lower Upper
 225 100
 223 64.2 31.9 95.5
 227 65.3 32.6 97.8





#95

Naphthalene

Concen: 104.039 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

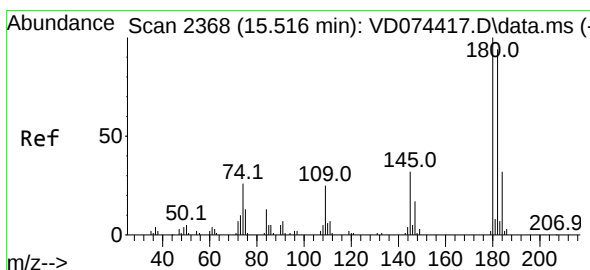
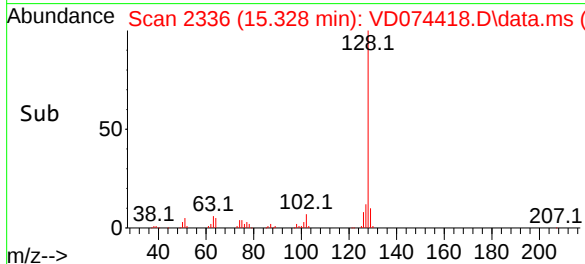
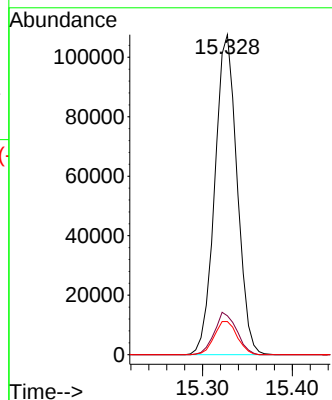
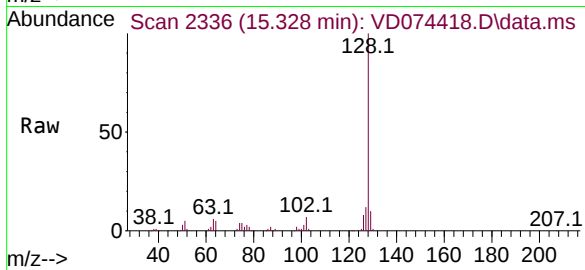
Tgt Ion:128 Resp: 184908

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.7 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 99.750 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD074418.D

Acq: 26 Sep 2022 13:28

Tgt Ion:180 Resp: 83710

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 30.4 14.9 44.7

