

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074414.D
 Acq On : 26 Sep 2022 11:09
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 27 03:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:04:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	54124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	89005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	81395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	40197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2761	5.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.860%#
35) Dibromofluoromethane	7.804	113	3254	4.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.900%#
50) Toluene-d8	10.263	98	12005	5.931	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.860%#
62) 4-Bromofluorobenzene	12.569	95	3537	4.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.700%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	2160	4.860	ug/l	86
3) Chloromethane	2.140	50	2407	5.447	ug/l #	85
4) Vinyl Chloride	2.281	62	1714	4.496	ug/l #	86
5) Bromomethane	2.693	94	1696	5.788	ug/l #	73
6) Chloroethane	2.834	64	1144	4.380	ug/l	91
7) Trichlorofluoromethane	3.163	101	4388	4.990	ug/l	86
8) Diethyl Ether	3.587	74	1169	4.510	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	2884	4.834	ug/l	94
10) Methyl Iodide	4.163	142	1578	3.036	ug/l #	82
11) Tert butyl alcohol	5.010	59	4800	55.183	ug/l #	84
12) 1,1-Dichloroethene	3.928	96	2504	4.449	ug/l	90
13) Acrolein	3.793	56	789	24.401	ug/l	98
14) Allyl chloride	4.558	41	2738	4.718	ug/l	98
15) Acrylonitrile	5.240	53	1356	12.333	ug/l #	31
16) Acetone	4.022	43	2863	31.671	ug/l	91
17) Carbon Disulfide	4.269	76	5244	4.078	ug/l #	73
18) Methyl Acetate	4.563	43	2116	7.238	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	5732	4.738	ug/l	92
20) Methylene Chloride	4.799	84	6990	7.849	ug/l #	93
21) trans-1,2-Dichloroethene	5.305	96	2555	4.271	ug/l	86
22) Diisopropyl ether	6.204	45	6132	4.620	ug/l	94
23) Vinyl Acetate	6.152	43	11144	19.779	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	4778	4.780	ug/l #	78
25) 2-Butanone	7.075	43	3496	28.224	ug/l	96
26) 2,2-Dichloropropane	7.069	77	4978	5.354	ug/l	88
27) cis-1,2-Dichloroethene	7.075	96	3527	4.968	ug/l	93
28) Bromochloromethane	7.428	49	1484	4.660	ug/l #	97
29) Tetrahydrofuran	7.440	42	1644	23.376	ug/l #	81
30) Chloroform	7.587	83	5810	5.165	ug/l	89
31) Cyclohexane	7.875	56	4217	5.330	ug/l #	87
32) 1,1,1-Trichloroethane	7.793	97	4528	4.689	ug/l	93
36) 1,1-Dichloropropene	8.004	75	3596	4.449	ug/l	95
37) Ethyl Acetate	7.169	43	1213	4.554	ug/l #	66
38) Carbon Tetrachloride	7.987	117	3403	4.400	ug/l	89
39) Methylcyclohexane	9.275	83	4188	4.373	ug/l	93
40) Benzene	8.251	78	11190	4.690	ug/l	98

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 ClientSampleId :
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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)
41) Methacrylonitrile	7.393	41	478	2.976	ug/l #	77
42) 1,2-Dichloroethane	8.322	62	2938	4.908	ug/l	81
43) Isopropyl Acetate	8.357	43	2321	4.482	ug/l #	82
44) Trichloroethene	9.028	130	3521	4.825	ug/l	90
45) 1,2-Dichloropropane	9.304	63	2553	4.512	ug/l #	88
46) Dibromomethane	9.393	93	1387	4.149	ug/l	91
47) Bromodichloromethane	9.581	83	4397	5.086	ug/l	99
48) Methyl methacrylate	9.387	41	962	4.160	ug/l #	86
49) 1,4-Dioxane	9.369	88	172	52.916	ug/l #	32
51) 4-Methyl-2-Pentanone	10.157	43	6129	23.032	ug/l	96
52) Toluene	10.334	92	7328	4.752	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	3333	4.639	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	4376	4.772	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	2260	4.856	ug/l	92
56) Ethyl methacrylate	10.598	69	2390	4.578	ug/l	96
57) 1,3-Dichloropropane	10.881	76	3820	5.035	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	1773	21.385	ug/l #	81
59) 2-Hexanone	10.922	43	4242	23.619	ug/l	98
60) Dibromochloromethane	11.075	129	2866	4.917	ug/l	96
61) 1,2-Dibromoethane	11.175	107	2147	4.746	ug/l	97
64) Tetrachloroethene	10.810	164	3106	4.921	ug/l	91
65) Chlorobenzene	11.604	112	8514	4.830	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	2980	4.670	ug/l	97
67) Ethyl Benzene	11.681	91	14150	4.562	ug/l	99
68) m/p-Xylenes	11.792	106	10423	8.563	ug/l	97
69) o-Xylene	12.116	106	4629	4.101	ug/l	86
70) Styrene	12.134	104	8850	4.498	ug/l	99
71) Bromoform	12.298	173	1593	4.530	ug/l #	92
73) Isopropylbenzene	12.416	105	13610	4.561	ug/l	100
74) N-amyl acetate	12.234	43	2267	4.819	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	2544	4.886	ug/l #	97
76) 1,2,3-Trichloropropane	12.722	75	2908	9.249	ug/l #	1
77) Bromobenzene	12.698	156	3319	4.695	ug/l	94
78) n-propylbenzene	12.757	91	16696	4.651	ug/l	99
79) 2-Chlorotoluene	12.845	91	9087	4.690	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	11678	4.730	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	543	4.215	ug/l #	85
82) 4-Chlorotoluene	12.945	91	9342	4.703	ug/l	95
83) tert-Butylbenzene	13.163	119	10879	4.869	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	11717	4.767	ug/l	99
85) sec-Butylbenzene	13.339	105	15850	4.740	ug/l	98
86) p-Isopropyltoluene	13.457	119	13089	4.683	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	7096	4.890	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	7299	5.025	ug/l	95
89) n-Butylbenzene	13.781	91	12924	4.987	ug/l	93
90) Hexachloroethane	14.051	117	2292	4.633	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	6382	5.044	ug/l	96
93) 1,2,4-Trichlorobenzene	15.092	180	4324	5.047	ug/l	94
94) Hexachlorobutadiene	15.198	225	2504	5.333	ug/l	93
95) Naphthalene	15.328	128	7395	4.740	ug/l	98
96) 1,2,3-Trichlorobenzene	15.510	180	3547	4.828	ug/l	96

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ClientSampleId :
VSTDICC005

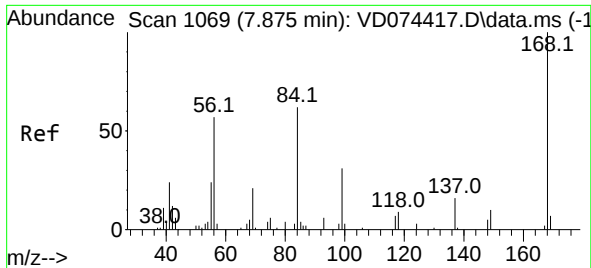
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Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:04:11 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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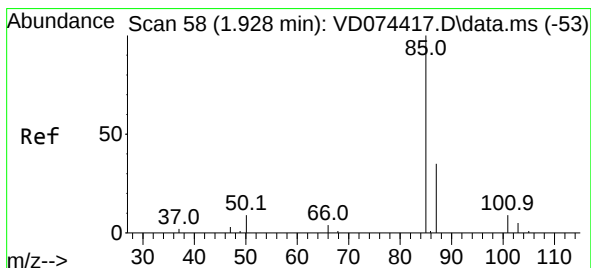
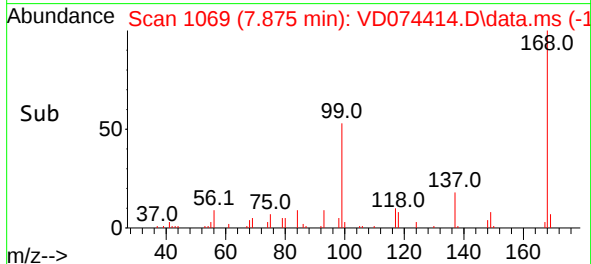
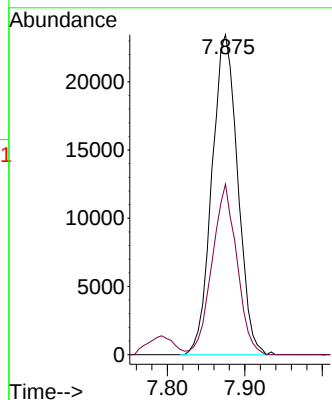
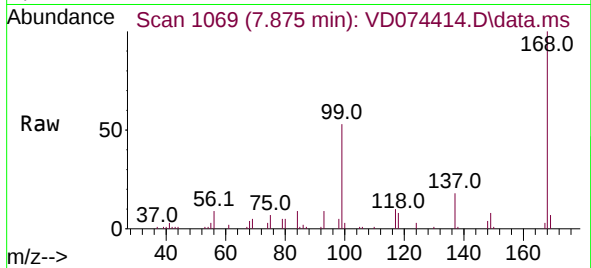




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

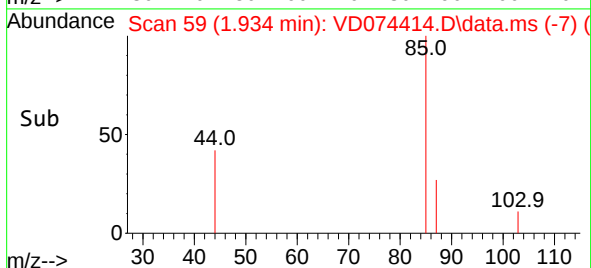
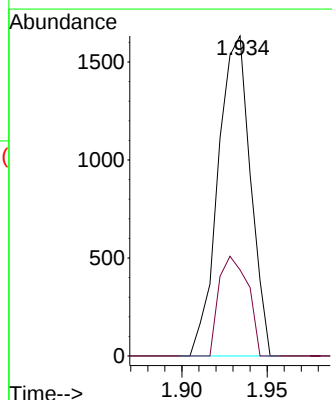
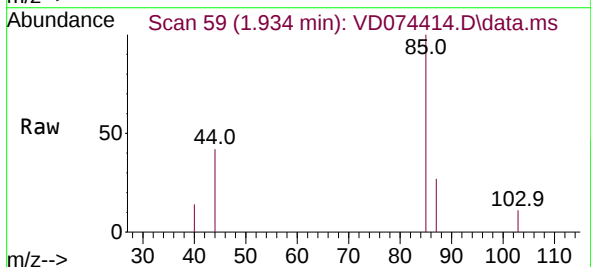
Instrument :
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ClientSampleId :
VSTDIC005

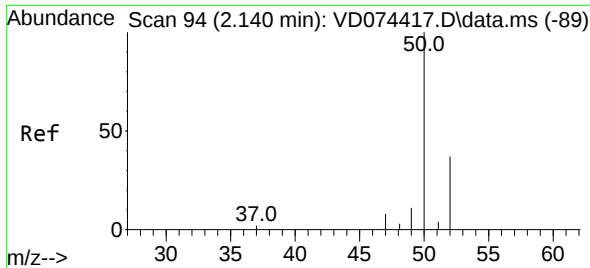
Tgt Ion:168 Resp: 54124
Ion Ratio Lower Upper
168 100
99 53.3 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 4.860 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 85 Resp: 2160
Ion Ratio Lower Upper
85 100
87 26.9 17.5 52.6

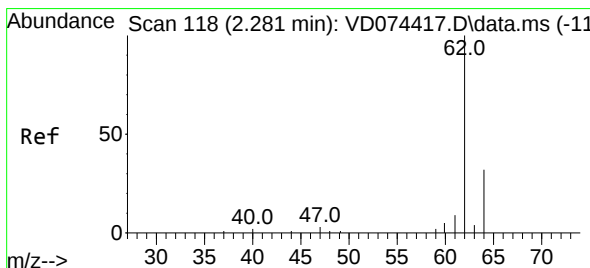
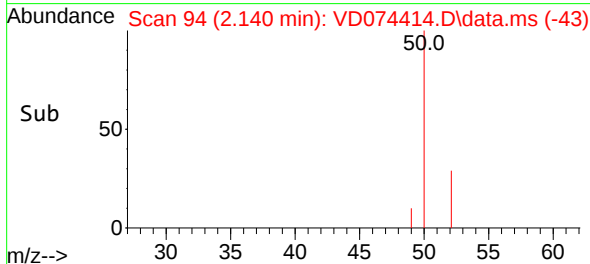
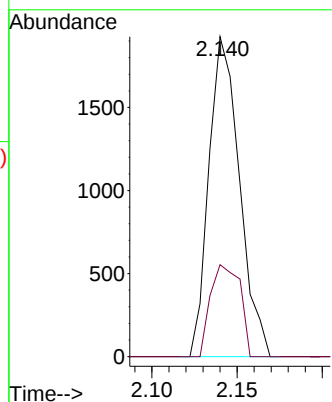
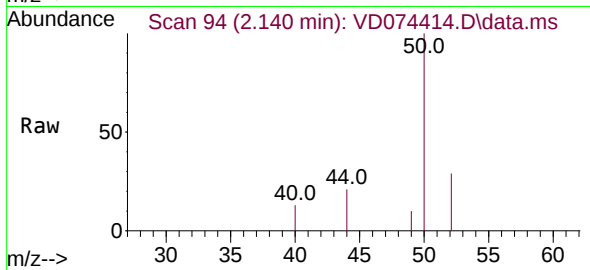




#3
Chloromethane
Concen: 5.447 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

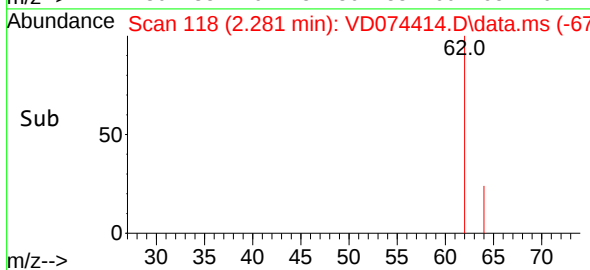
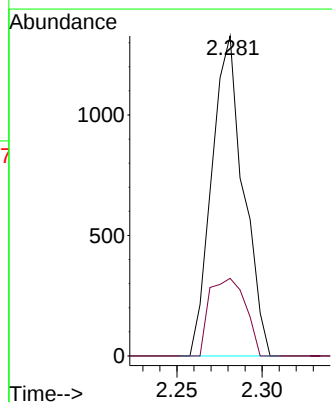
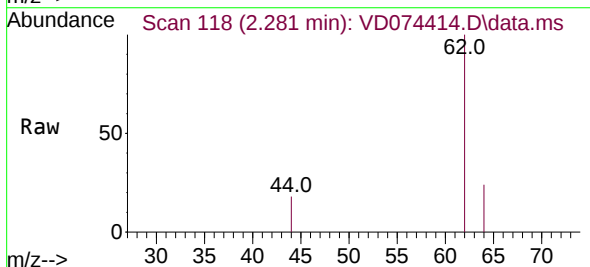
Instrument :
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ClientSampleId :
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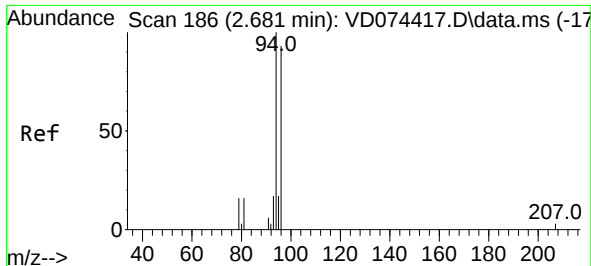
Tgt Ion: 50 Resp: 2407
Ion Ratio Lower Upper
50 100
52 28.8 30.0 45.0#



#4
Vinyl Chloride
Concen: 4.496 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 62 Resp: 1714
Ion Ratio Lower Upper
62 100
64 24.2 25.5 38.3#

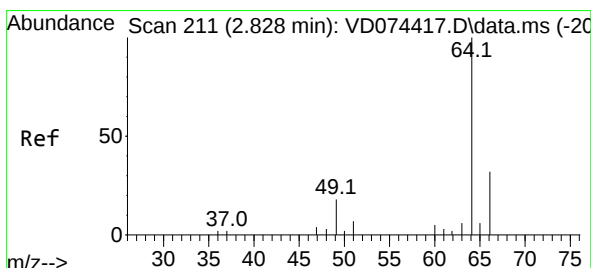
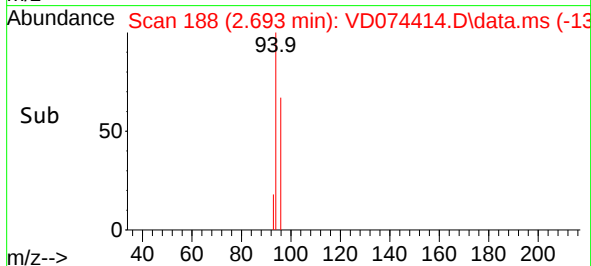
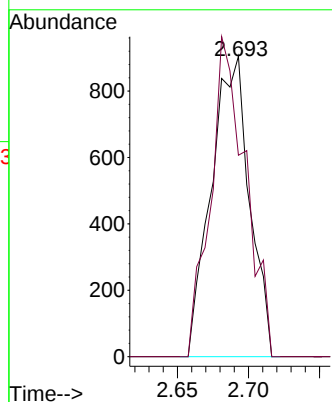
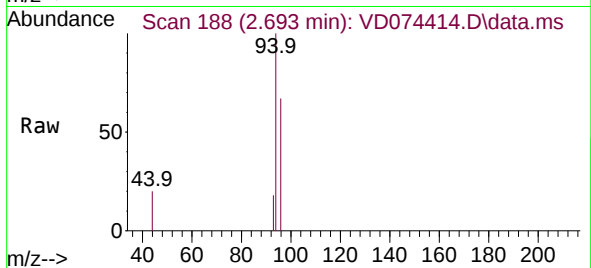




#5
Bromomethane
Concen: 5.788 ug/l
RT: 2.693 min Scan# 186
Delta R.T. 0.012 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

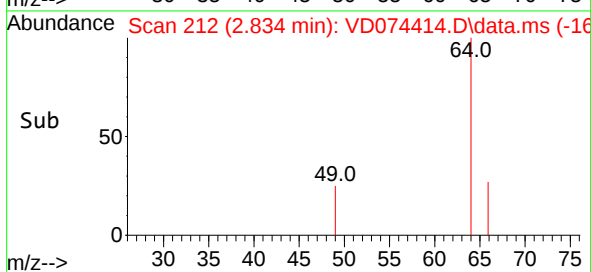
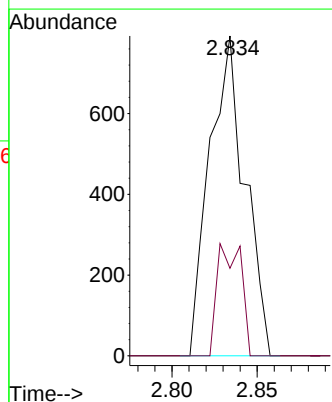
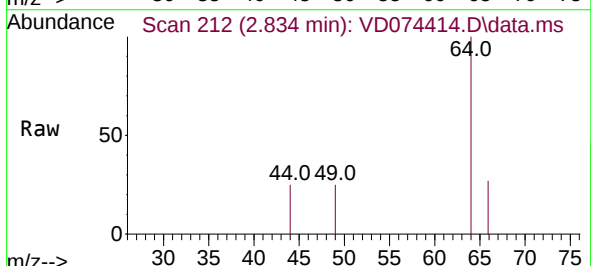
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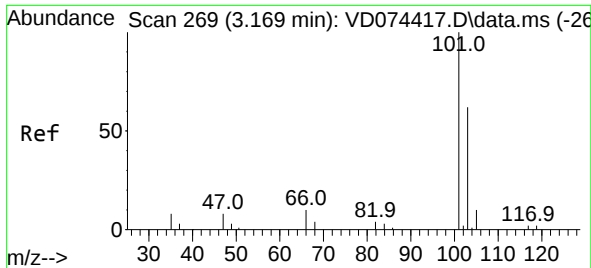
Tgt Ion: 94 Resp: 1696
Ion Ratio Lower Upper
94 100
96 67.1 74.6 112.0#



#6
Chloroethane
Concen: 4.380 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 64 Resp: 1144
Ion Ratio Lower Upper
64 100
66 27.4 25.8 38.8

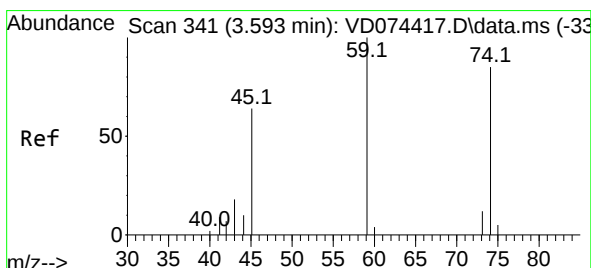
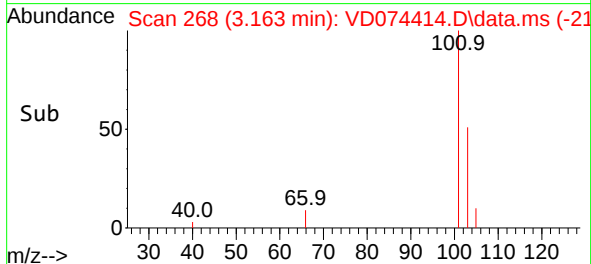
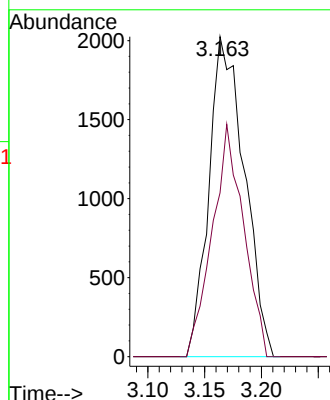
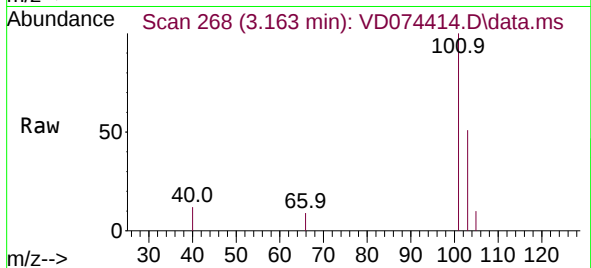




#7
Trichlorofluoromethane
Concen: 4.990 ug/l
RT: 3.163 min Scan# 2
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

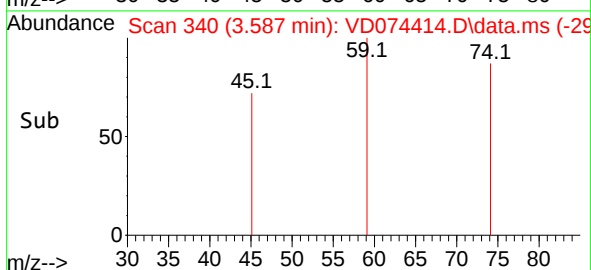
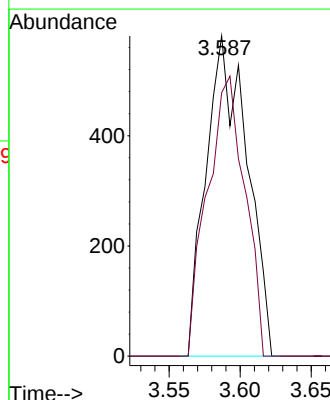
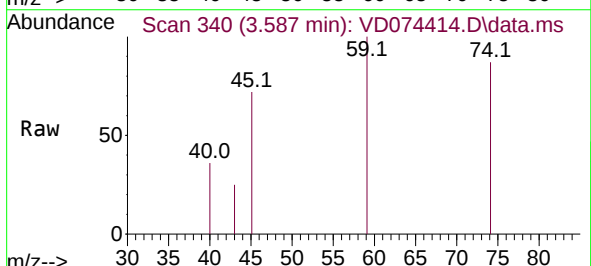
Instrument :
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VSTDIC005

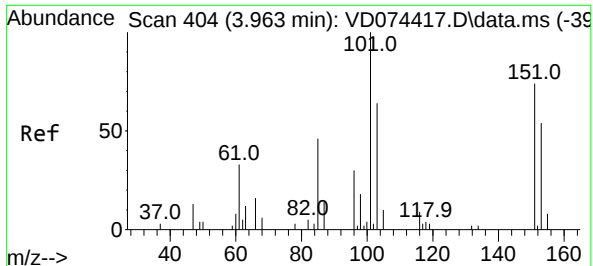
Tgt Ion:101 Resp: 4388
Ion Ratio Lower Upper
101 100
103 51.2 49.8 74.8



#8
Diethyl Ether
Concen: 4.510 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 74 Resp: 1169
Ion Ratio Lower Upper
74 100
45 79.8 37.9 113.6

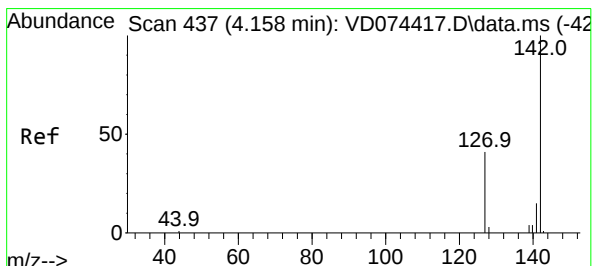
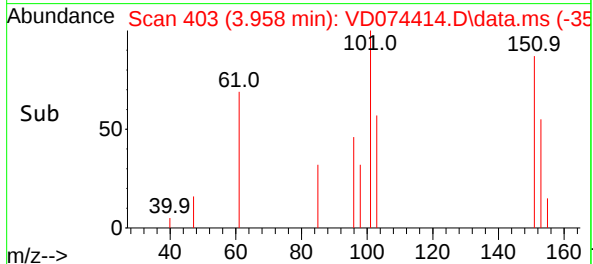
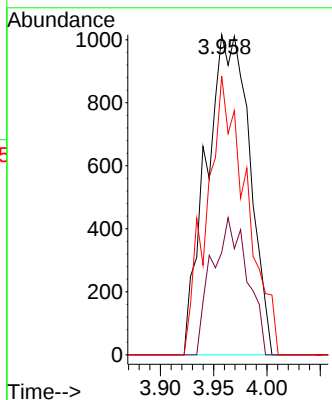
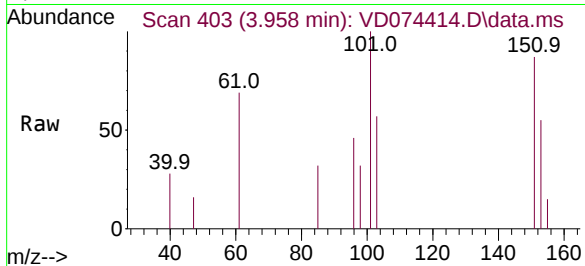




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.834 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD074414.D
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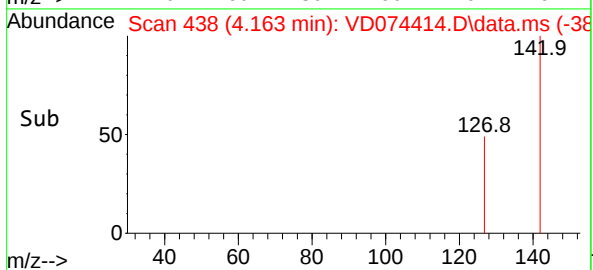
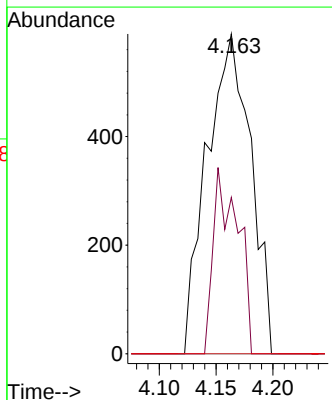
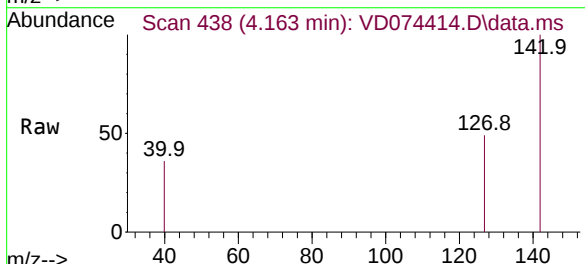
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

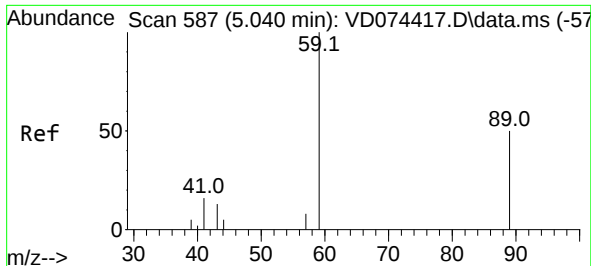
Tgt Ion:101	Resp:	2884	
Ion	Ratio	Lower	Upper
101	100		
85	34.8	34.1	51.1
151	79.4	61.7	92.5



#10
Methyl Iodide
Concen: 3.036 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion:142	Resp:	1578	
Ion	Ratio	Lower	Upper
142	100		
127	32.9	31.9	47.9
141	0.0	11.4	17.2#





#11

Tert butyl alcohol

Concen: 55.183 ug/l

RT: 5.010 min Scan# 5

Delta R.T. -0.029 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

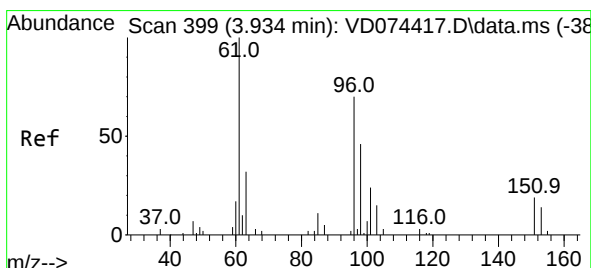
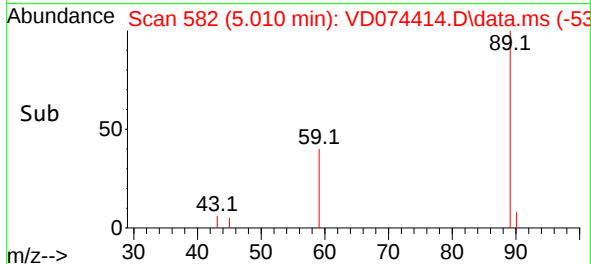
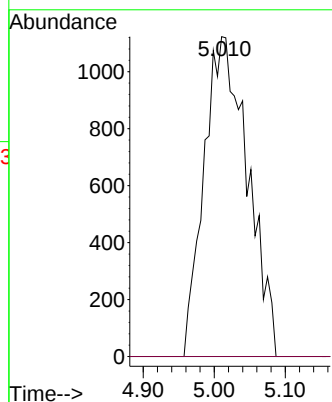
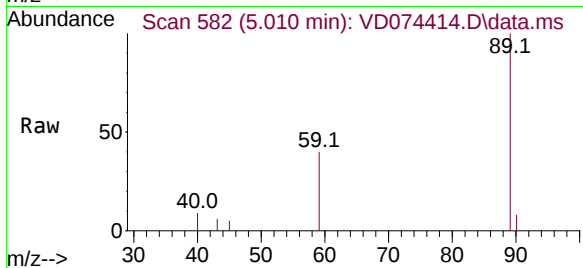
VSTDIC005

Tgt Ion: 59 Resp: 4800

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 4.449 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

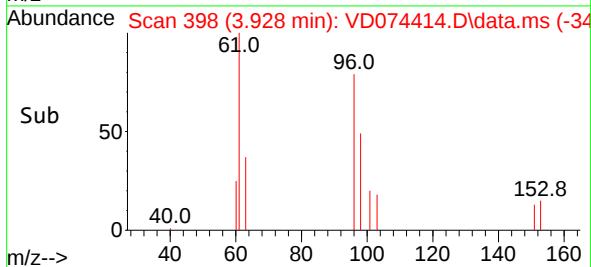
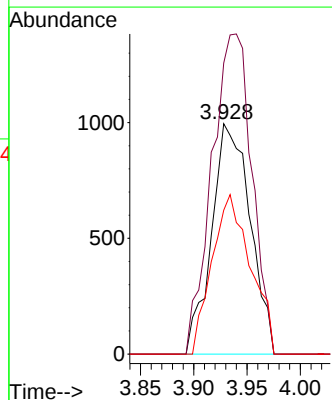
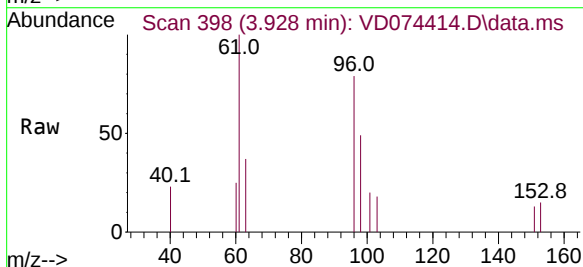
Tgt Ion: 96 Resp: 2504

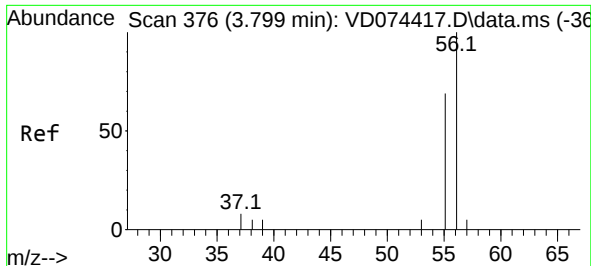
Ion Ratio Lower Upper

96 100

61 126.3 113.9 170.9

98 62.4 51.8 77.8





#13

Acrolein

Concen: 24.401 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

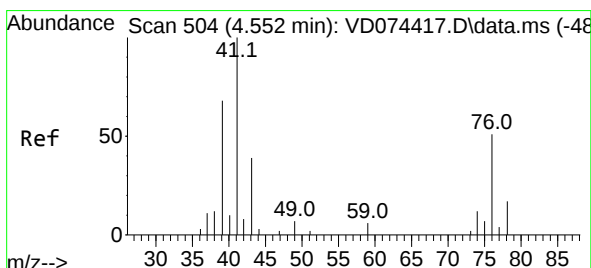
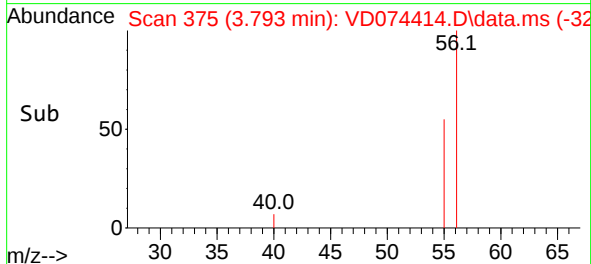
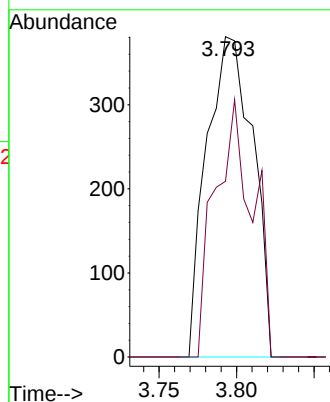
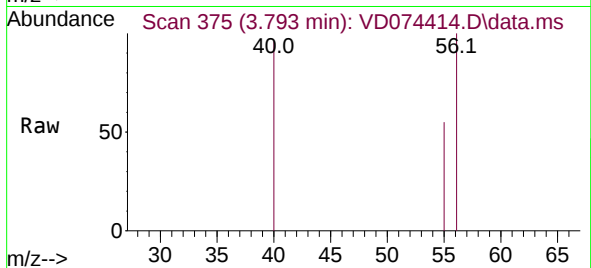
VSTDIC005

Tgt Ion: 56 Resp: 789

Ion Ratio Lower Upper

56 100

55 65.8 54.0 81.0



#14

Allyl chloride

Concen: 4.718 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

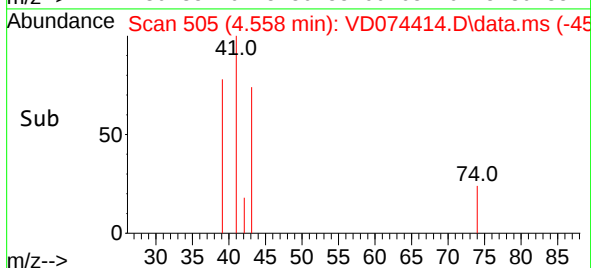
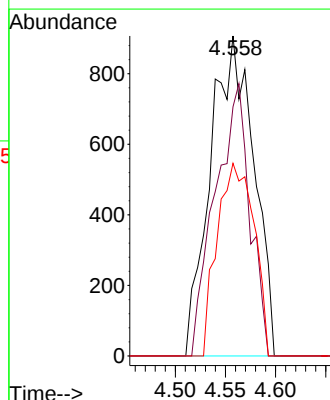
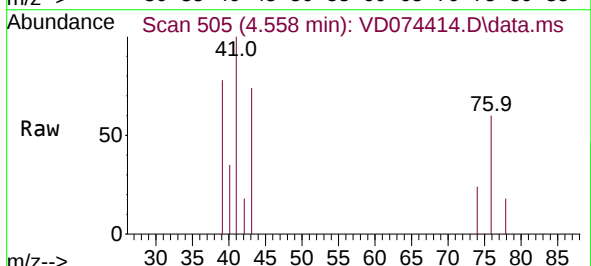
Tgt Ion: 41 Resp: 2738

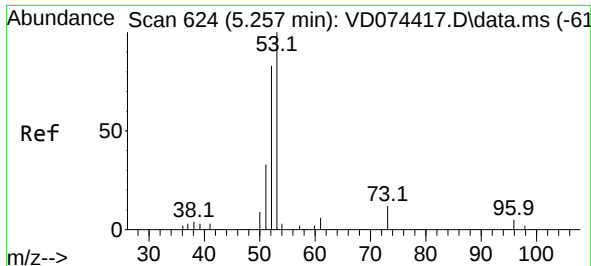
Ion Ratio Lower Upper

41 100

39 67.8 53.4 80.2

76 50.9 42.4 63.6

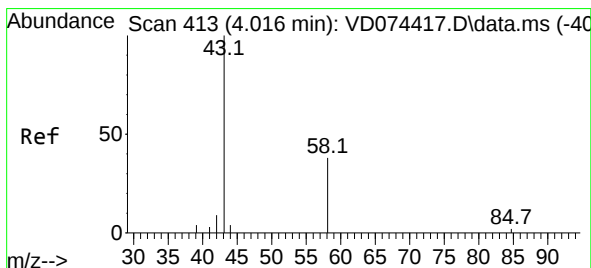
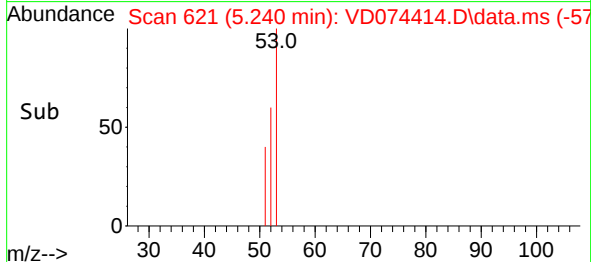
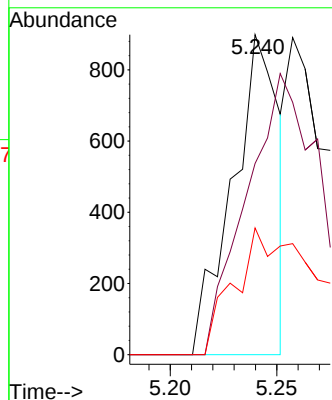
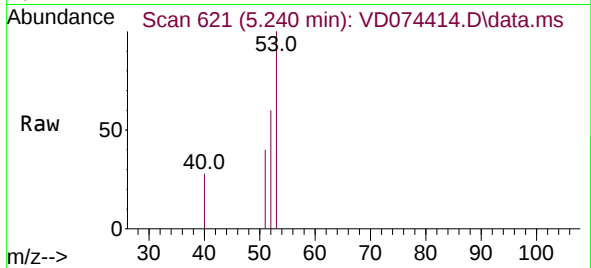




#15
Acrylonitrile
Concen: 12.333 ug/l
RT: 5.240 min Scan# 61
Delta R.T. -0.018 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

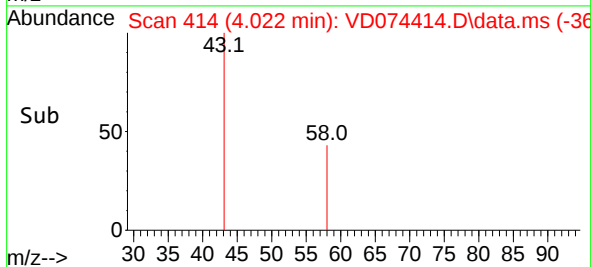
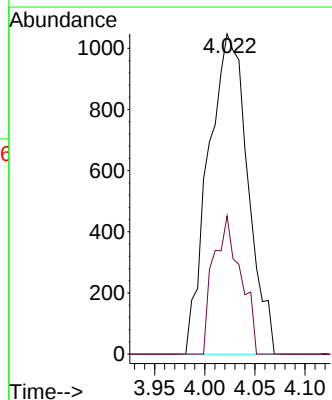
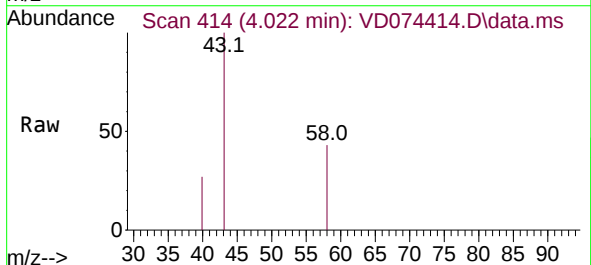
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

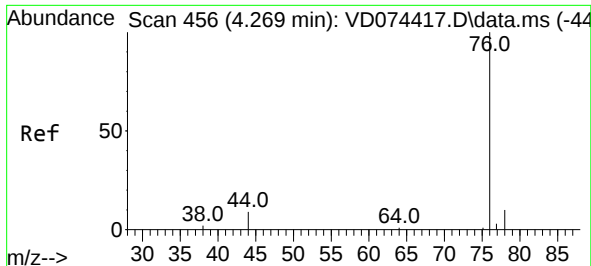
Tgt Ion: 53 Resp: 1356
Ion Ratio Lower Upper
53 100
52 148.7 66.0 99.0#
51 68.5 28.3 42.5#



#16
Acetone
Concen: 31.671 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
58 43.2 30.2 45.2

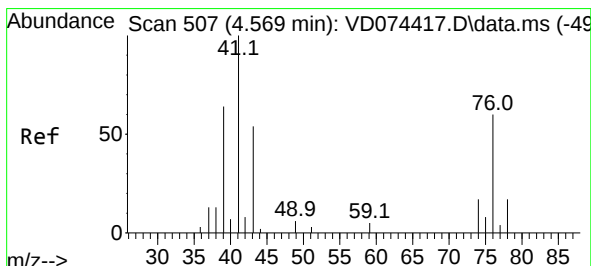
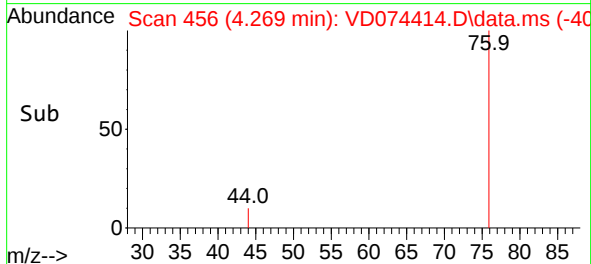
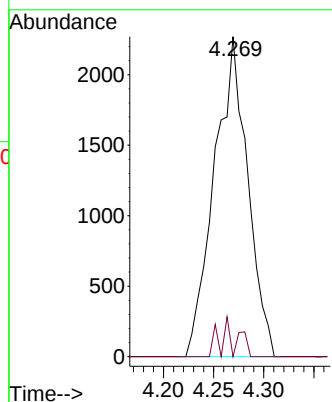
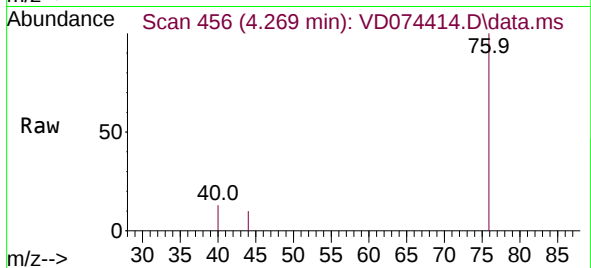




#17
Carbon Disulfide
Concen: 4.078 ug/l
RT: 4.269 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

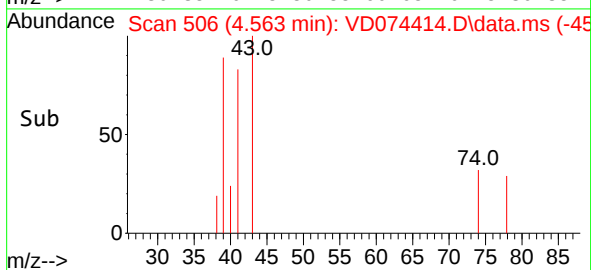
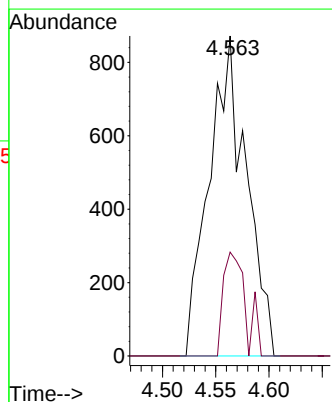
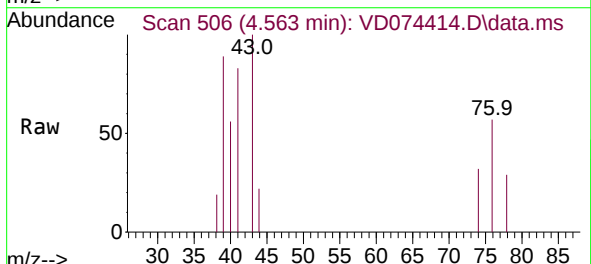
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

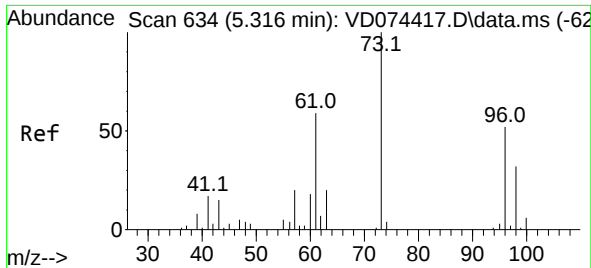
Tgt Ion: 76 Resp: 5244
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#18
Methyl Acetate
Concen: 7.238 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
74 19.4 24.7 37.1#

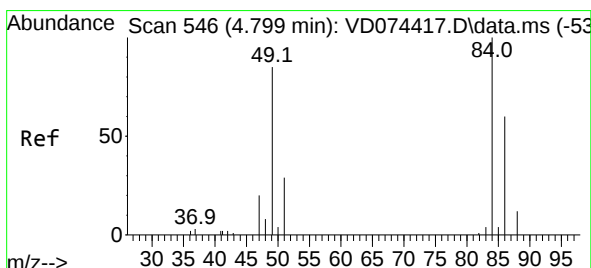
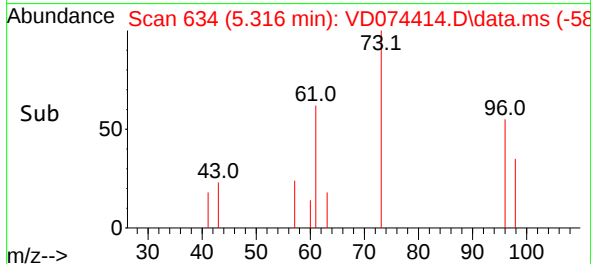
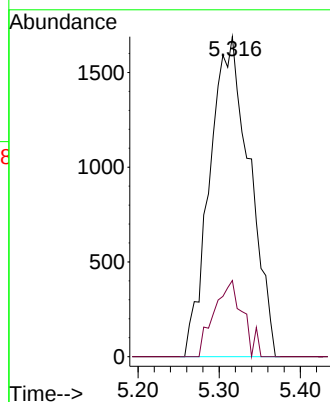
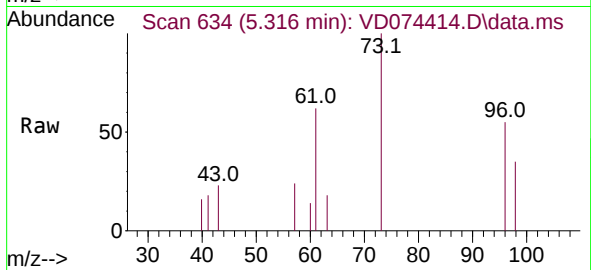




#19
Methyl tert-butyl Ether
Concen: 4.738 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

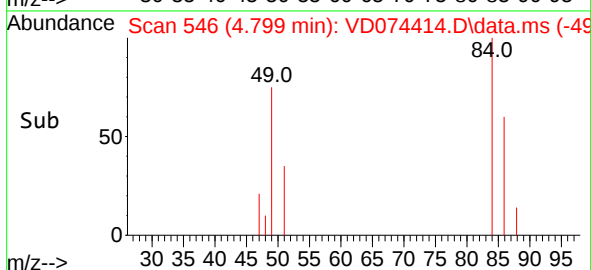
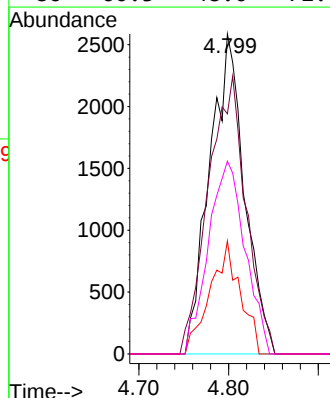
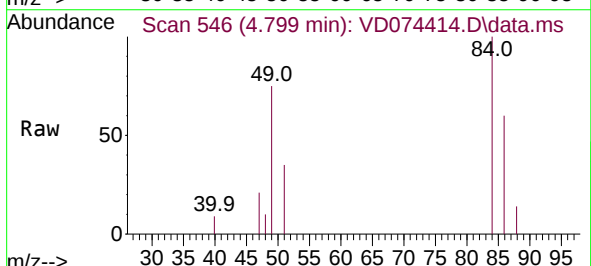
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

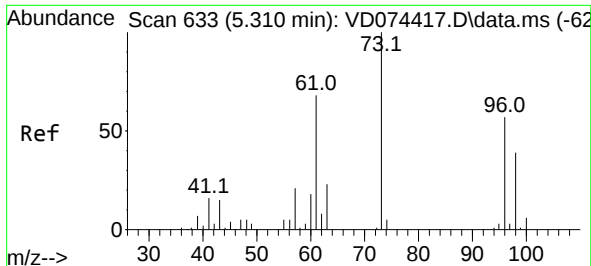
Tgt Ion: 73 Resp: 5732
Ion Ratio Lower Upper
73 100
57 23.8 16.1 24.1



#20
Methylene Chloride
Concen: 7.849 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 84 Resp: 6990
Ion Ratio Lower Upper
84 100
49 75.1 68.0 102.0
51 35.3 23.2 34.8#
86 60.3 48.0 72.0

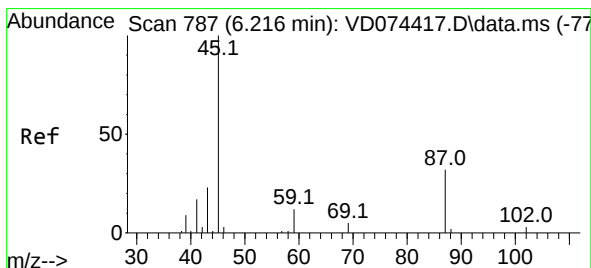
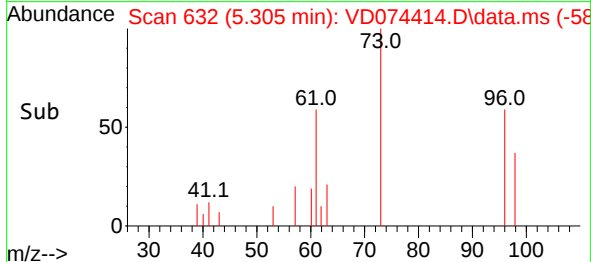
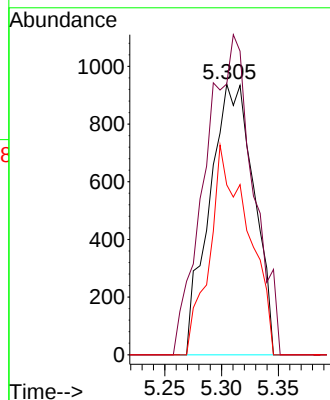
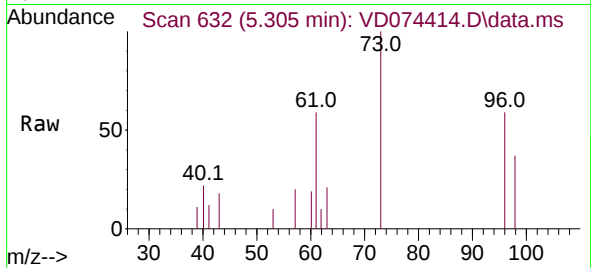




#21
trans-1,2-Dichloroethene
Concen: 4.271 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

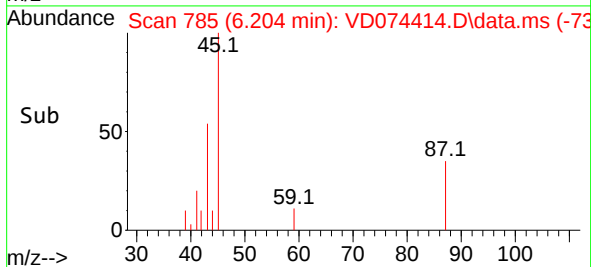
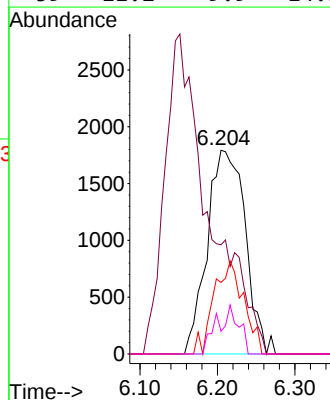
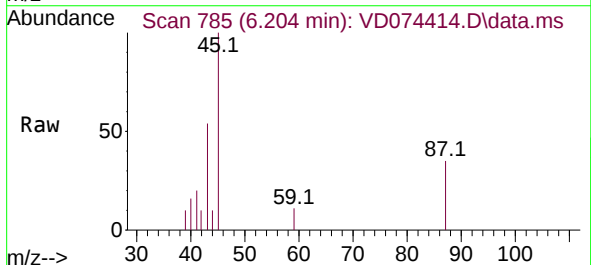
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

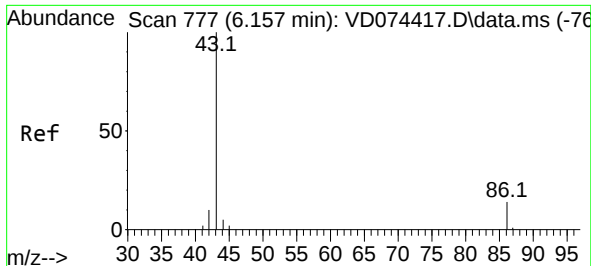
Tgt Ion: 96 Resp: 2555
Ion Ratio Lower Upper
96 100
61 100.1 95.7 143.5
98 62.8 54.8 82.2



#22
Diisopropyl ether
Concen: 4.620 ug/l
RT: 6.204 min Scan# 785
Delta R.T. -0.012 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 45 Resp: 6132
Ion Ratio Lower Upper
45 100
43 53.6 37.8 56.6
87 35.1 26.6 40.0
59 11.2 9.9 14.9

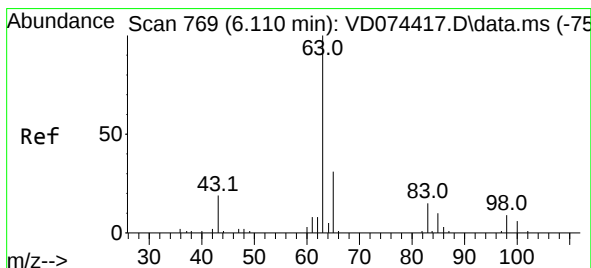
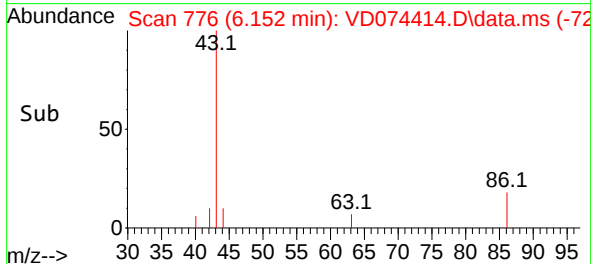
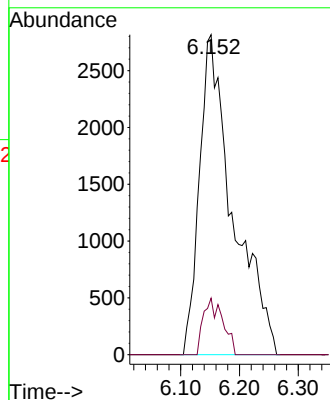
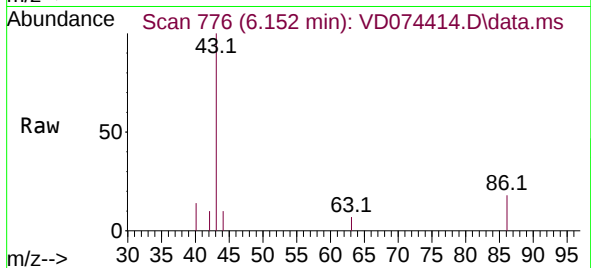




#23
 Vinyl Acetate
 Concen: 19.779 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

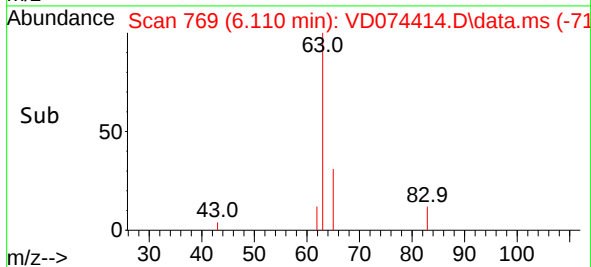
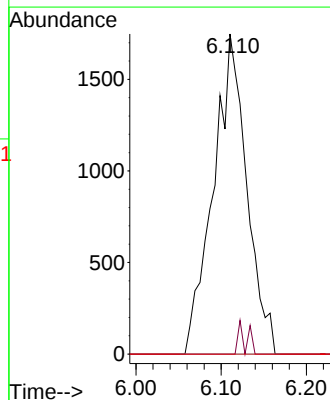
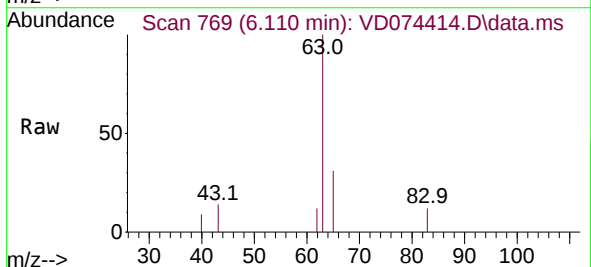
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

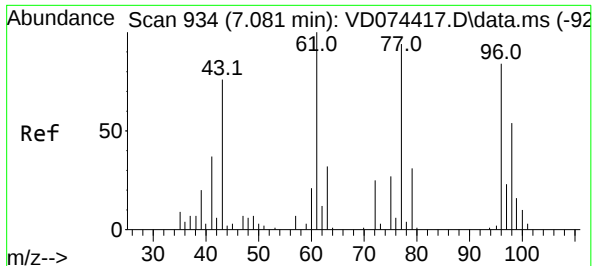
Tgt Ion: 43 Resp: 11144
 Ion Ratio Lower Upper
 43 100
 86 17.7 11.2 16.8#



#24
 1,1-Dichloroethane
 Concen: 4.780 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

Tgt Ion: 63 Resp: 4778
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.6 13.8#
 100 0.0 2.9 8.6#





#25

2-Butanone

Concen: 28.224 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

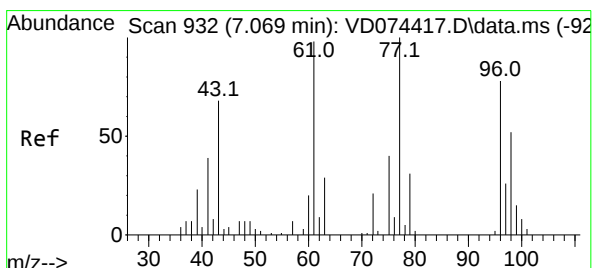
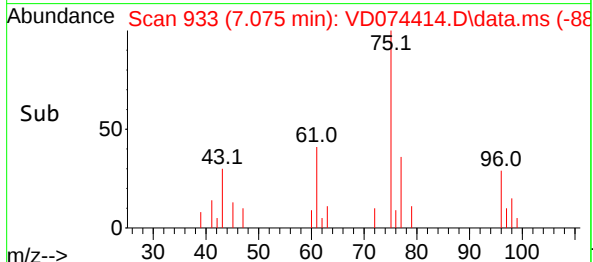
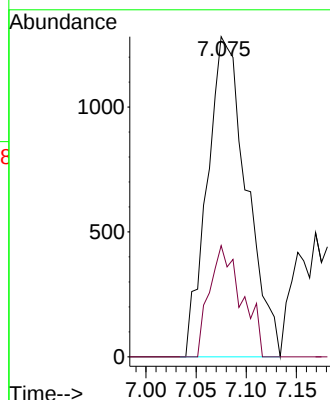
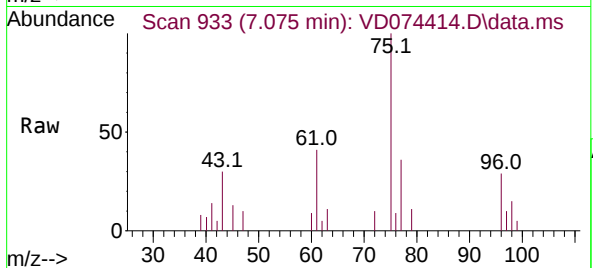
VSTDIC005

Tgt Ion: 43 Resp: 3496

Ion Ratio Lower Upper

43 100

72 34.7 25.8 38.8



#26

2,2-Dichloropropane

Concen: 5.354 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.000 min

Lab File: VD074414.D

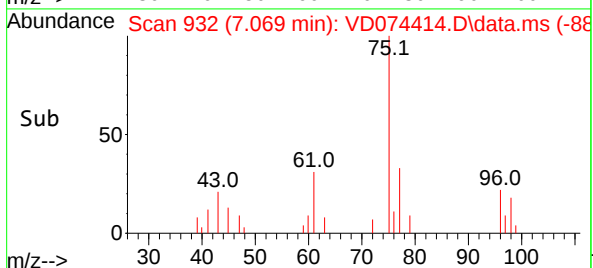
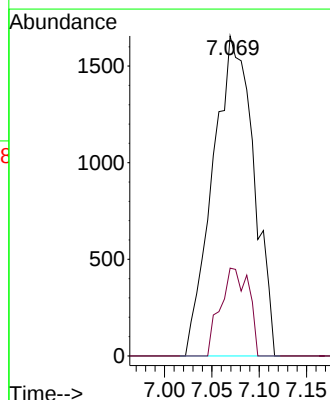
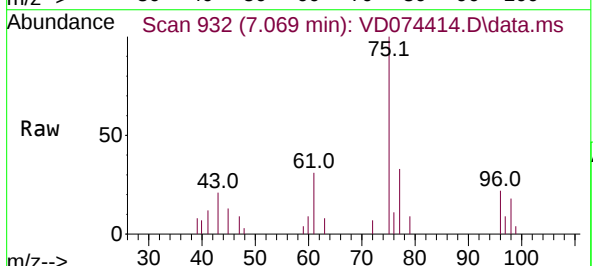
Acq: 26 Sep 2022 11:09

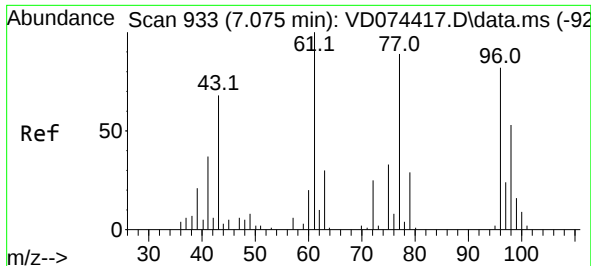
Tgt Ion: 77 Resp: 4978

Ion Ratio Lower Upper

77 100

97 18.9 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 4.968 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

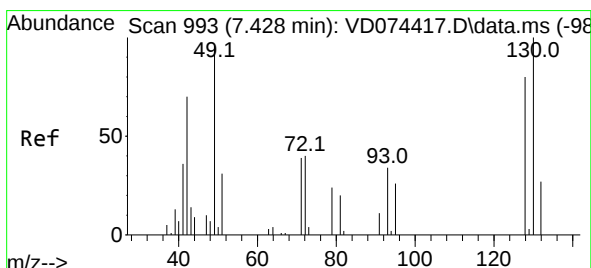
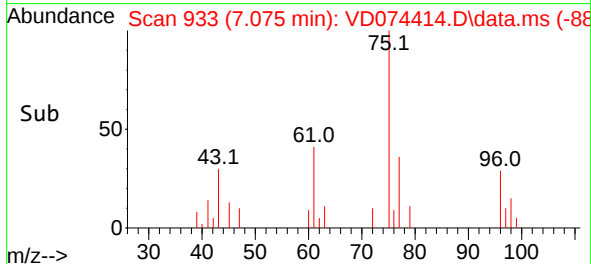
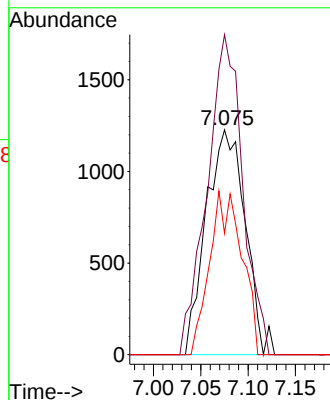
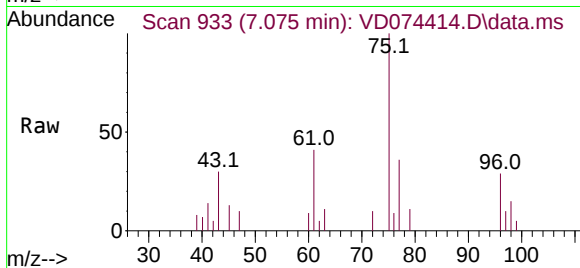
Tgt Ion: 96 Resp: 3527

Ion Ratio Lower Upper

96 100

61 129.2 0.0 242.4

98 59.8 0.0 130.0



#28

Bromochloromethane

Concen: 4.660 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

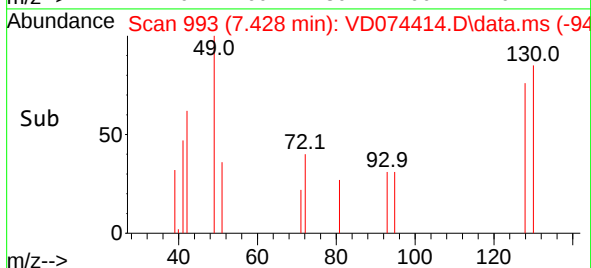
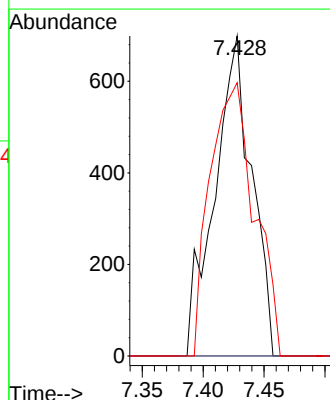
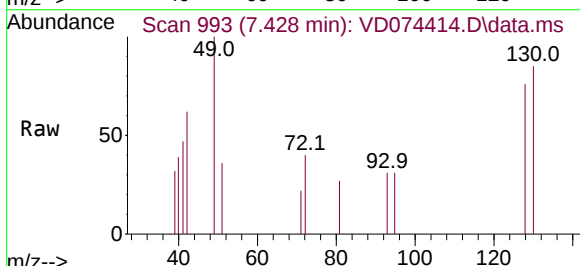
Tgt Ion: 49 Resp: 1484

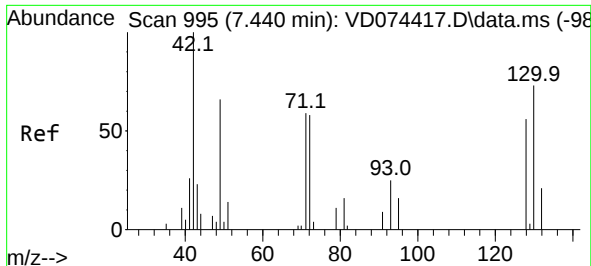
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 102.1 84.1 126.1





#29

Tetrahydrofuran

Concen: 23.376 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

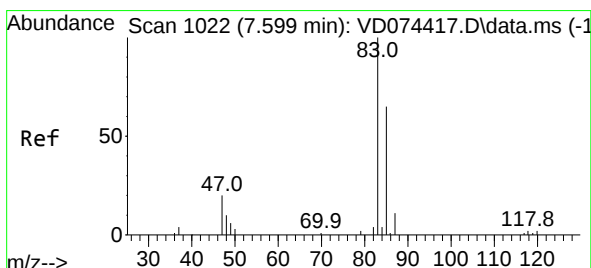
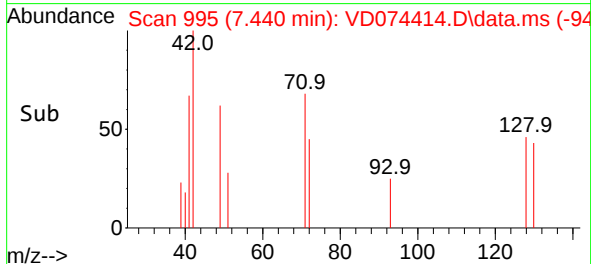
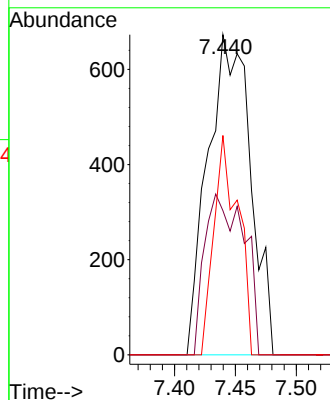
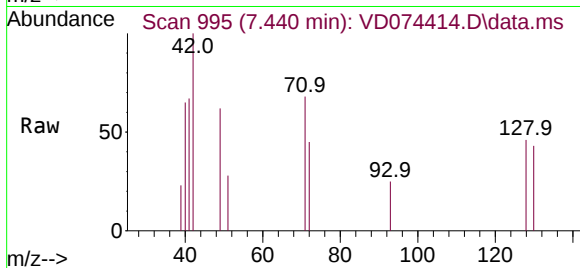
Tgt Ion: 42 Resp: 1644

Ion Ratio Lower Upper

42 100

72 46.6 45.8 68.6

71 38.9 44.6 66.8#



#30

Chloroform

Concen: 5.165 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD074414.D

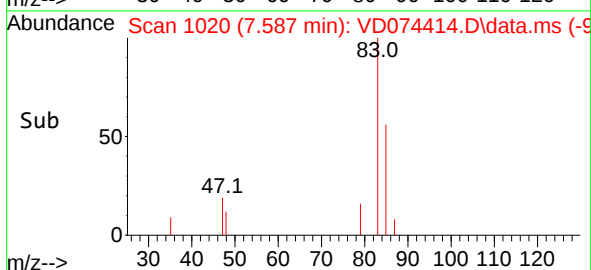
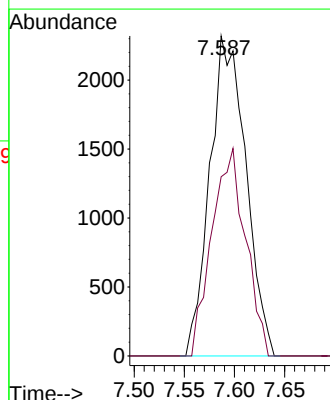
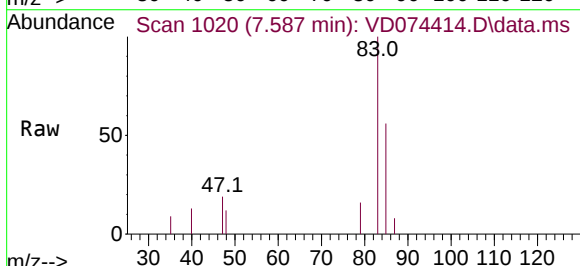
Acq: 26 Sep 2022 11:09

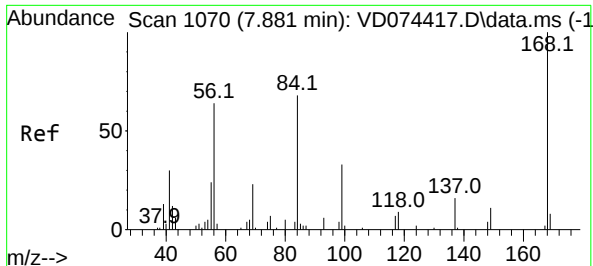
Tgt Ion: 83 Resp: 5810

Ion Ratio Lower Upper

83 100

85 56.0 52.0 78.0

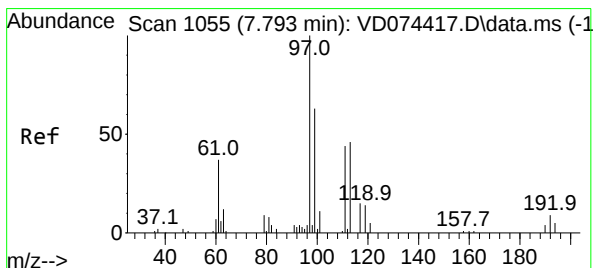
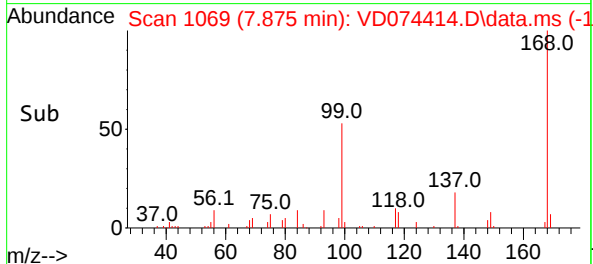
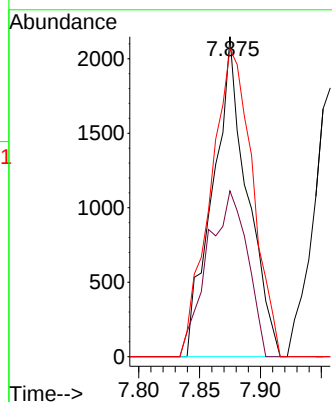
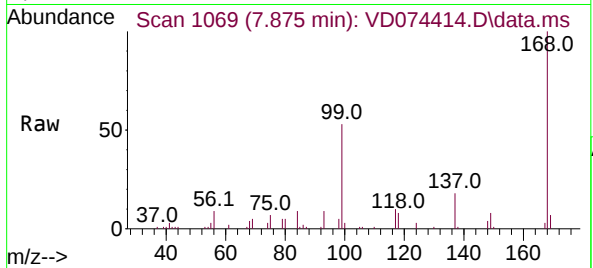




#31
Cyclohexane
Concen: 5.330 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

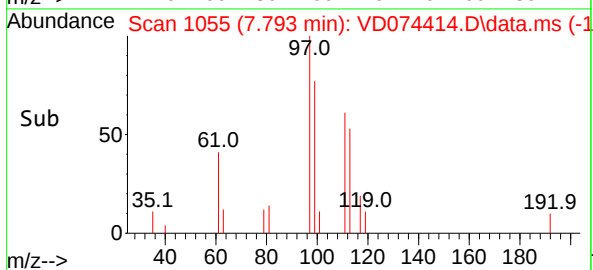
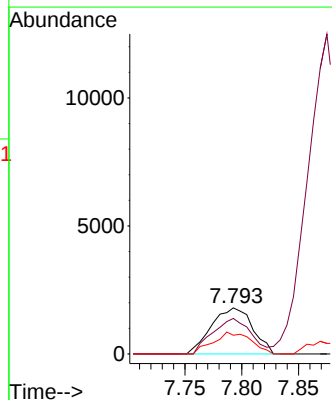
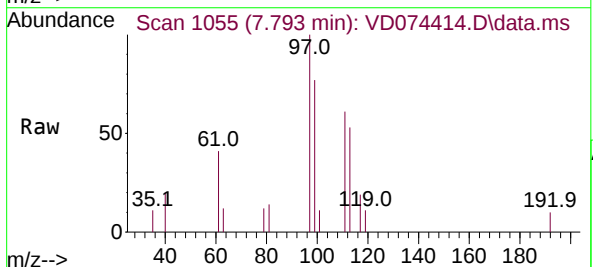
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

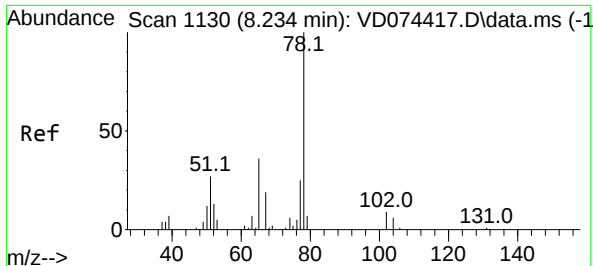
Tgt Ion: 56 Resp: 4217
Ion Ratio Lower Upper
56 100
69 51.8 29.2 43.8#
84 96.2 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 4.689 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 97 Resp: 4528
Ion Ratio Lower Upper
97 100
99 71.7 53.3 79.9
61 43.3 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 5.925 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

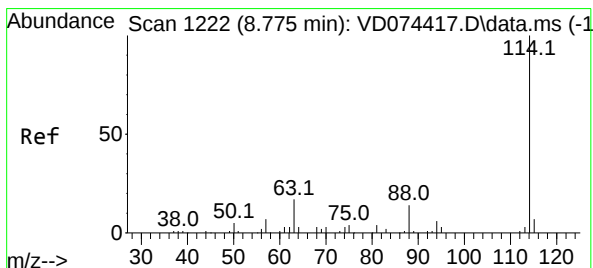
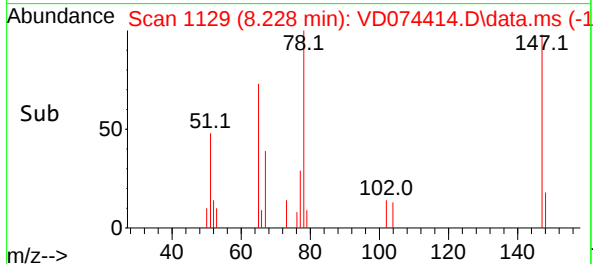
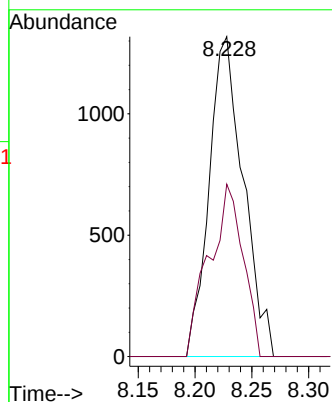
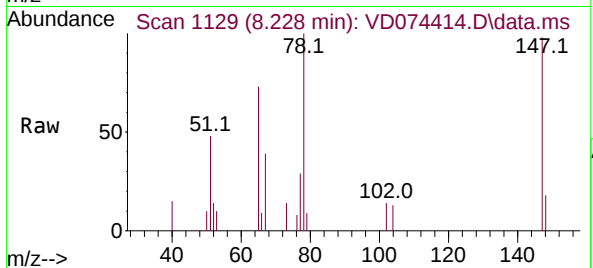
VSTDIC005

Tgt Ion: 65 Resp: 2761

Ion Ratio Lower Upper

65 100

67 53.5 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: VD074414.D

Acq: 26 Sep 2022 11:09

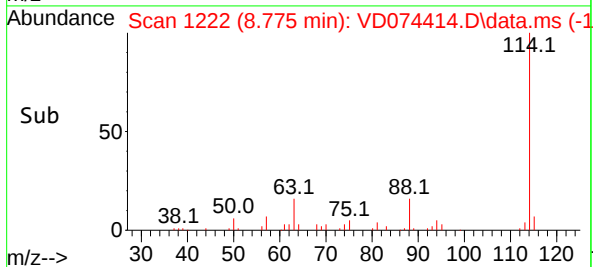
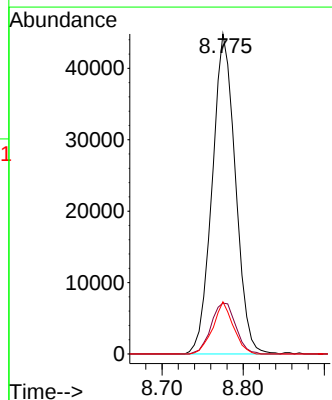
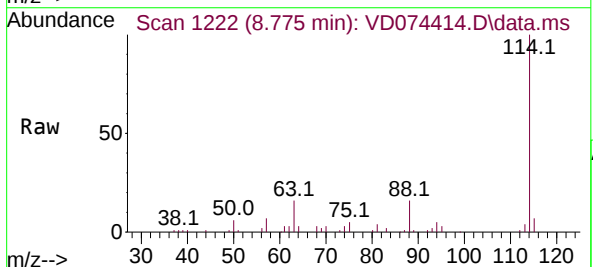
Tgt Ion: 114 Resp: 89005

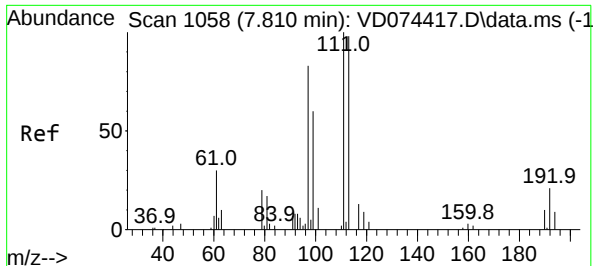
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 16.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 4.954 ug/l

RT: 7.804 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

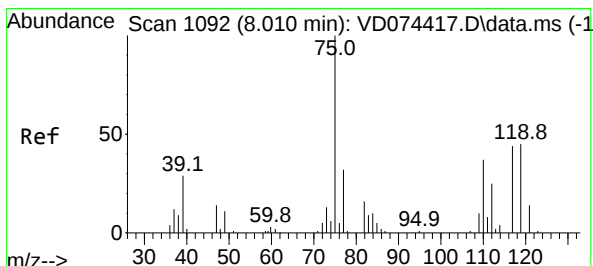
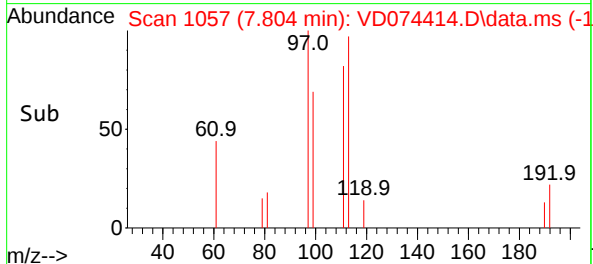
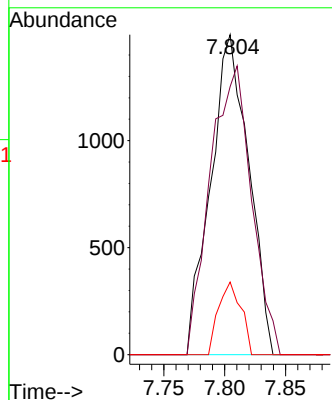
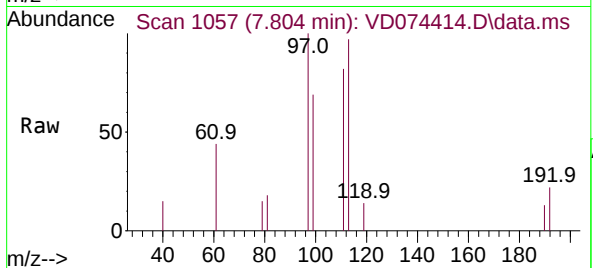
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:113	Resp:	3254
Ion	Ratio	Lower Upper
113	100	
111	97.8	82.3 123.5
192	13.4	16.4 24.6#



#36

1,1-Dichloropropene

Concen: 4.449 ug/l

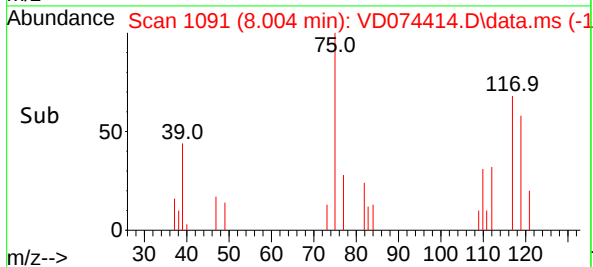
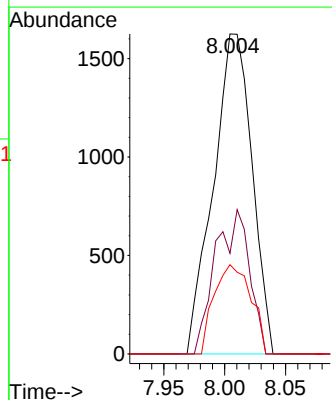
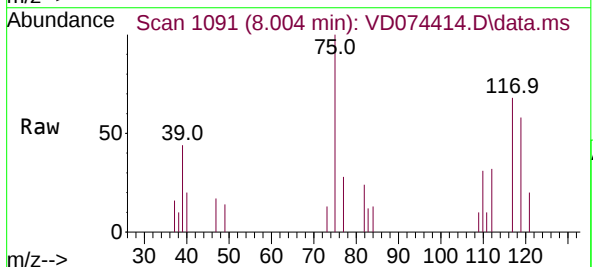
RT: 8.004 min Scan# 1091

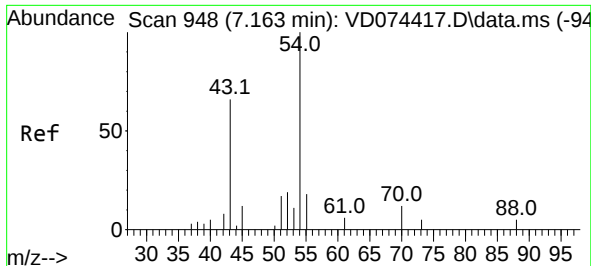
Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Tgt Ion: 75	Resp:	3596
Ion	Ratio	Lower Upper
75	100	
110	39.7	19.7 59.0
77	26.6	25.4 38.2





#37

Ethyl Acetate

Concen: 4.554 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

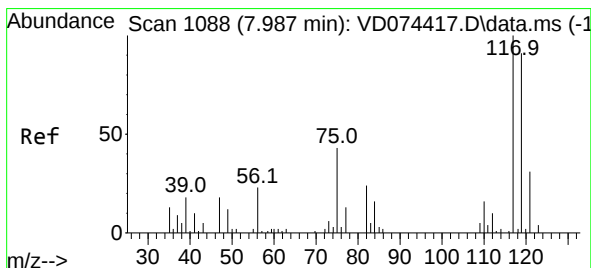
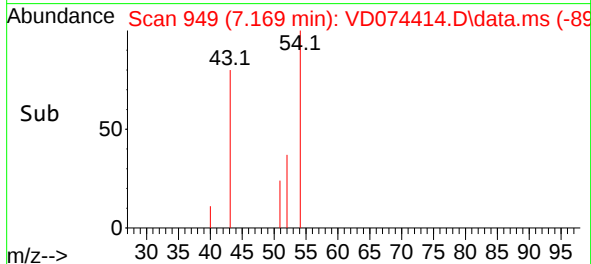
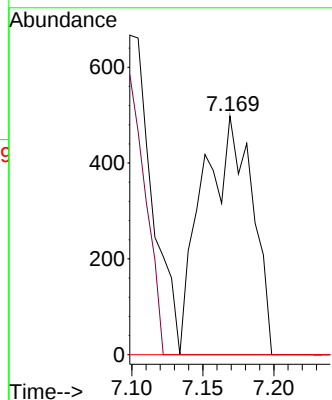
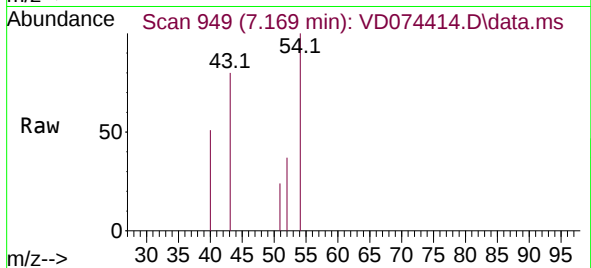
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 4.400 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

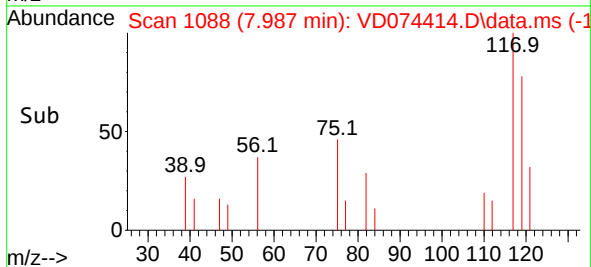
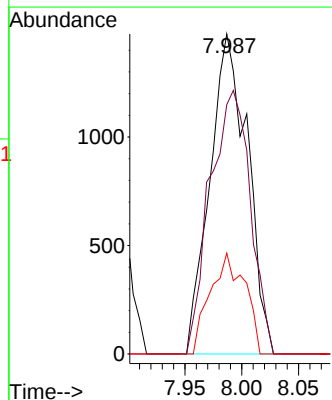
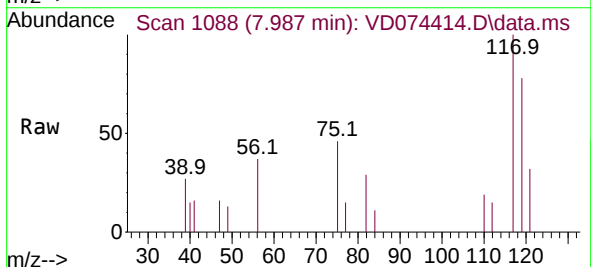
Tgt Ion: 117 Resp: 3403

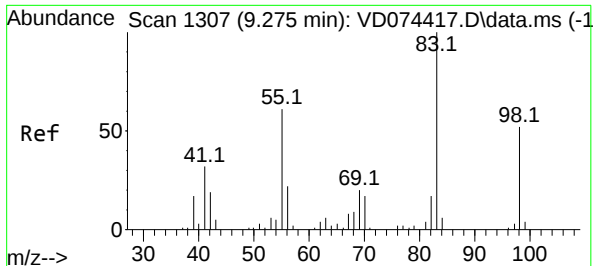
Ion Ratio Lower Upper

117 100

119 77.9 73.1 109.7

121 31.5 25.0 37.6





#39

Methylcyclohexane

Concen: 4.373 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

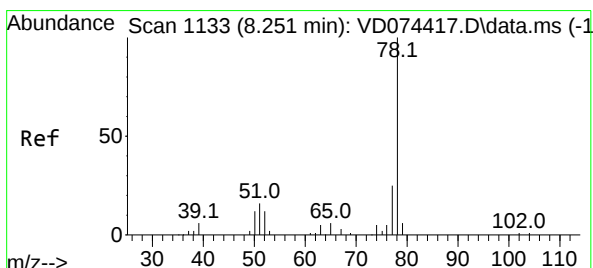
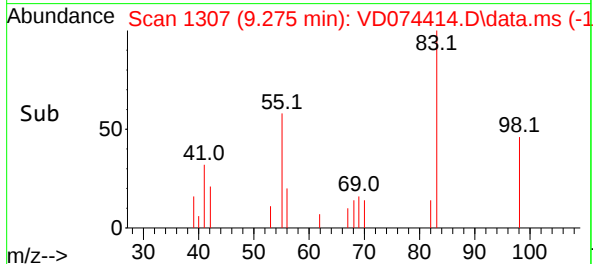
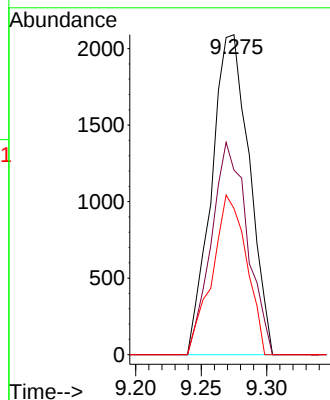
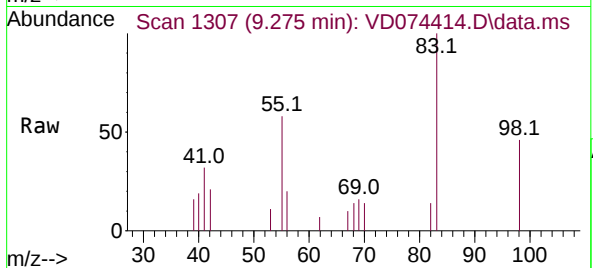
Tgt Ion: 83 Resp: 4188

Ion Ratio Lower Upper

83 100

55 57.7 49.0 73.4

98 45.7 41.7 62.5



#40

Benzene

Concen: 4.690 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074414.D

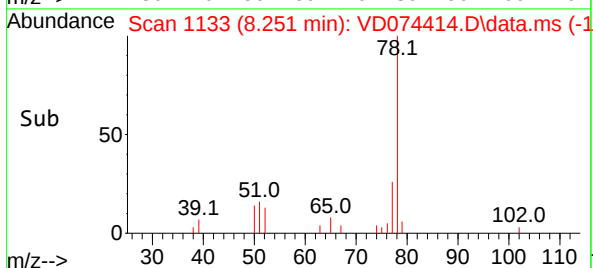
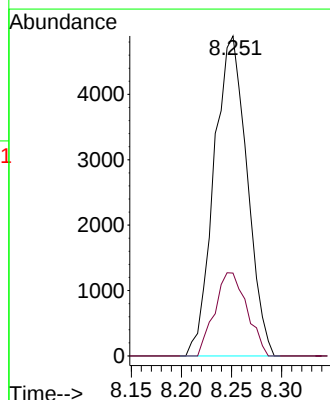
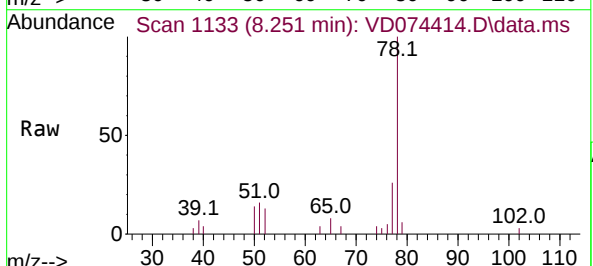
Acq: 26 Sep 2022 11:09

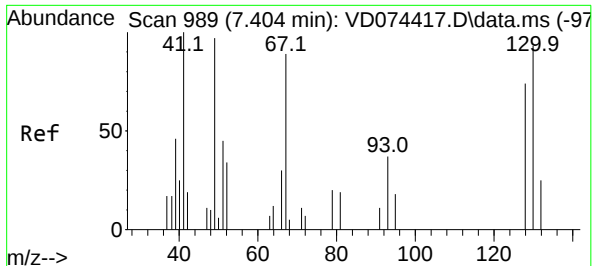
Tgt Ion: 78 Resp: 11190

Ion Ratio Lower Upper

78 100

77 25.9 20.1 30.1

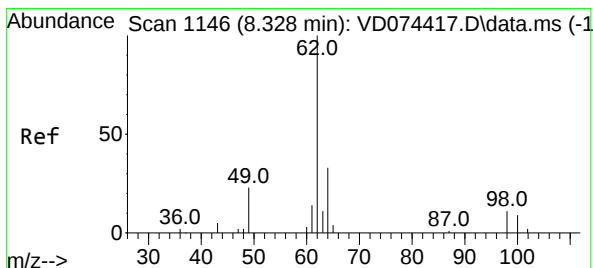
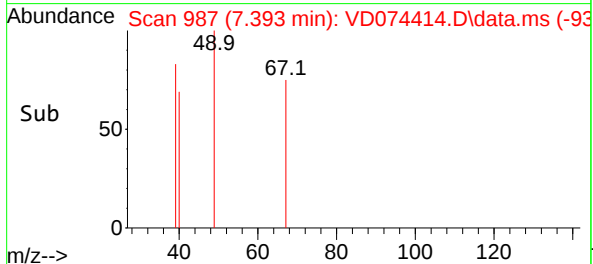
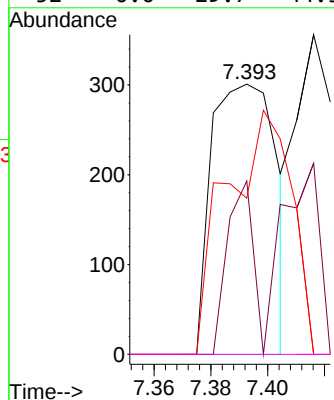
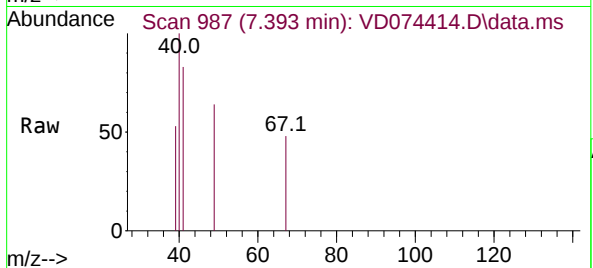




#41
Methacrylonitrile
Concen: 2.976 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

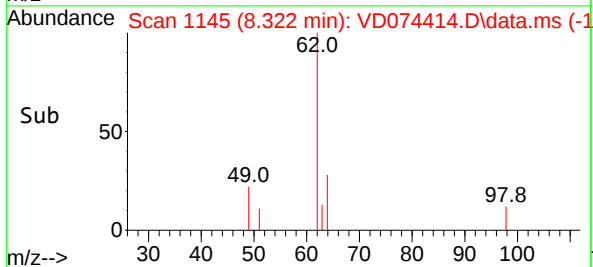
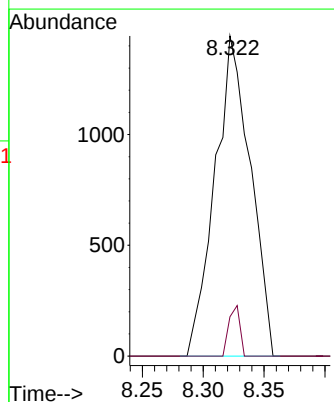
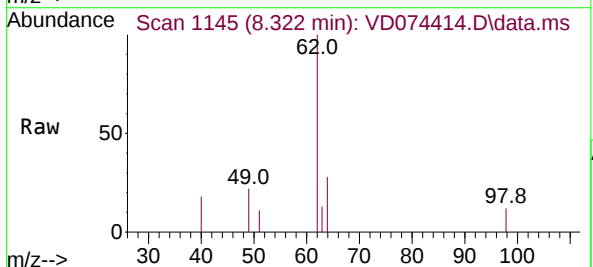
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

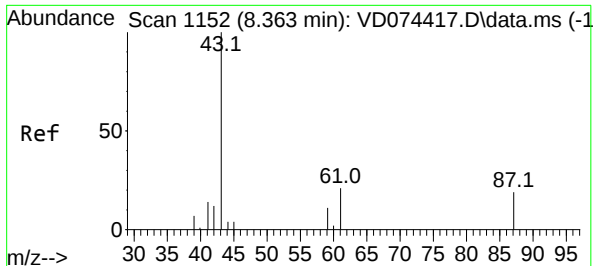
Tgt Ion: 41 Resp: 478
Ion Ratio Lower Upper
41 100
39 25.5 35.0 52.6#
67 90.8 77.0 115.6
52 0.0 29.7 44.5#



#42
1,2-Dichloroethane
Concen: 4.908 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 62 Resp: 2938
Ion Ratio Lower Upper
62 100
98 4.9 0.0 24.2





#43

Isopropyl Acetate

Concen: 4.482 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

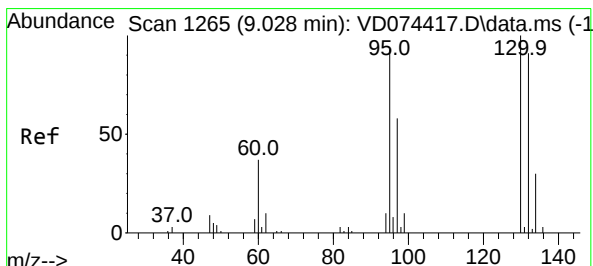
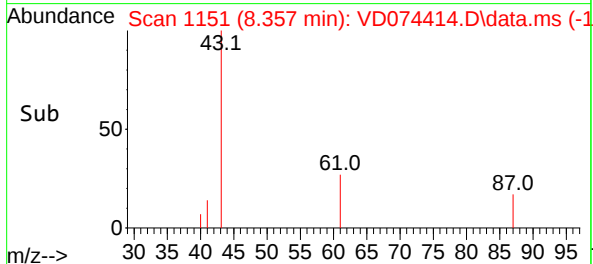
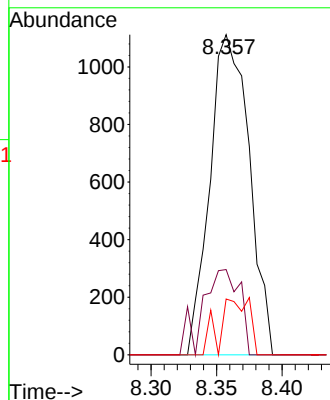
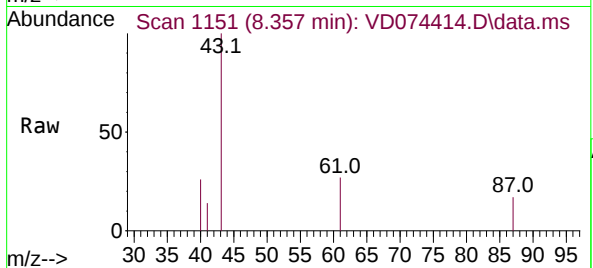
Tgt Ion: 43 Resp: 2321

Ion Ratio Lower Upper

43 100

61 25.1 30.9 46.3#

87 13.4 14.3 21.5#



#44

Trichloroethene

Concen: 4.825 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074414.D

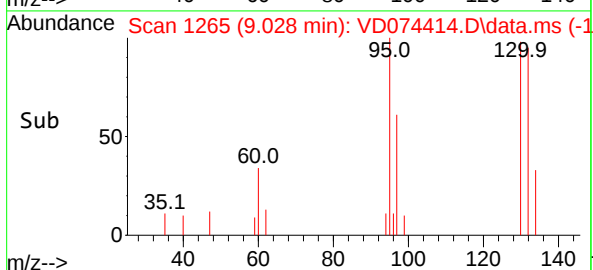
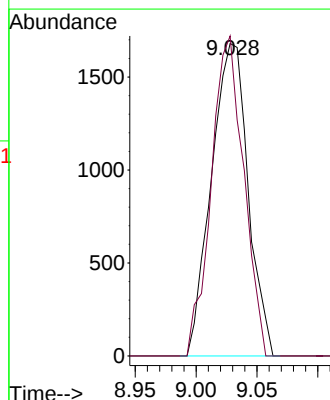
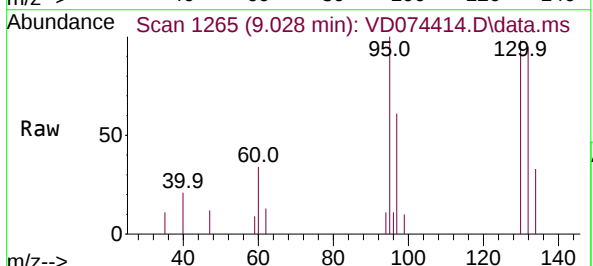
Acq: 26 Sep 2022 11:09

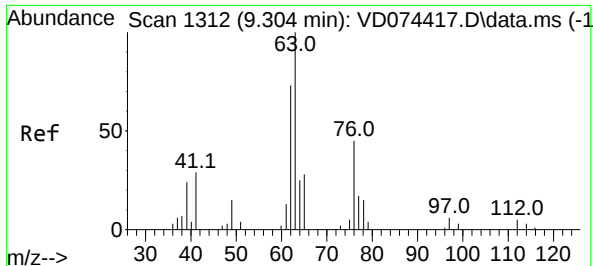
Tgt Ion:130 Resp: 3521

Ion Ratio Lower Upper

130 100

95 102.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 4.512 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

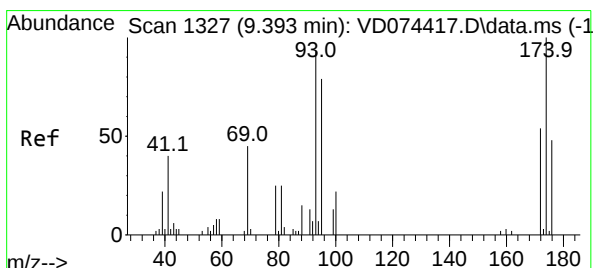
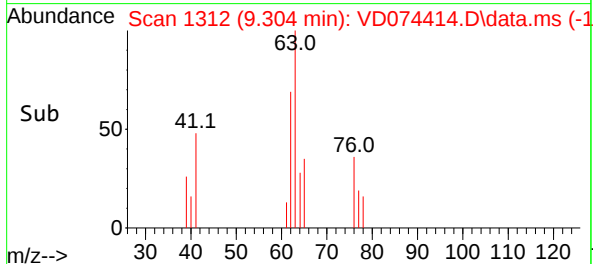
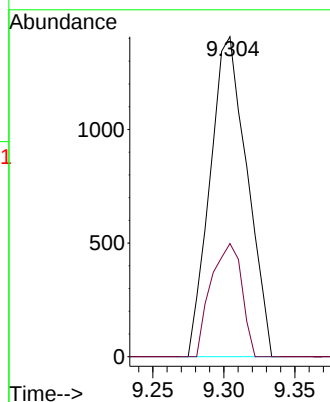
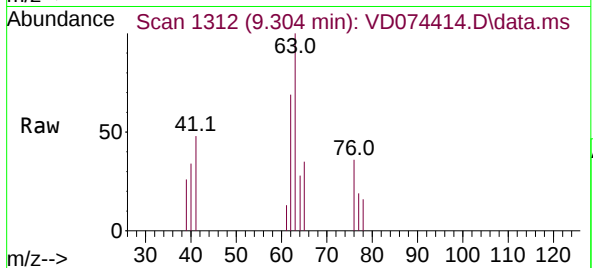
VSTDIC005

Tgt Ion: 63 Resp: 2553

Ion Ratio Lower Upper

63 100

65 35.4 23.1 34.7#



#46

Dibromomethane

Concen: 4.149 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

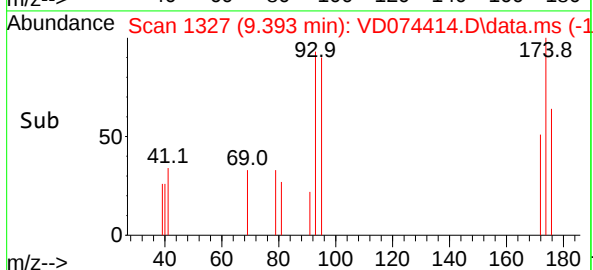
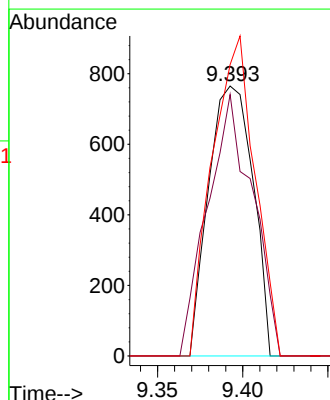
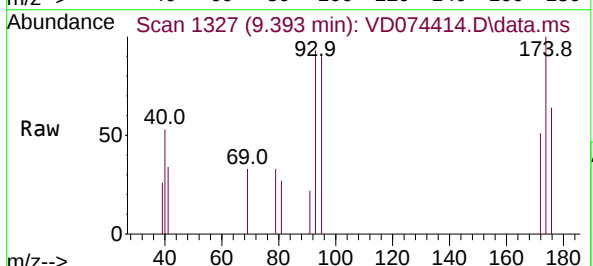
Tgt Ion: 93 Resp: 1387

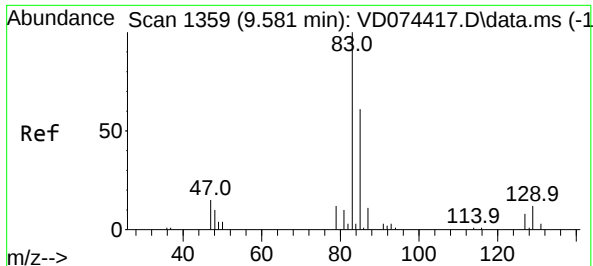
Ion Ratio Lower Upper

93 100

95 98.3 68.2 102.2

174 114.4 87.4 131.0

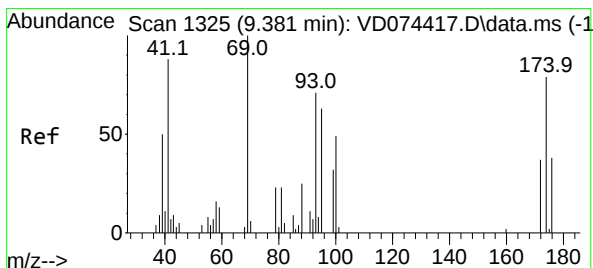
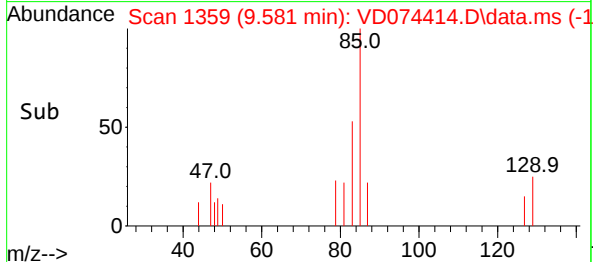
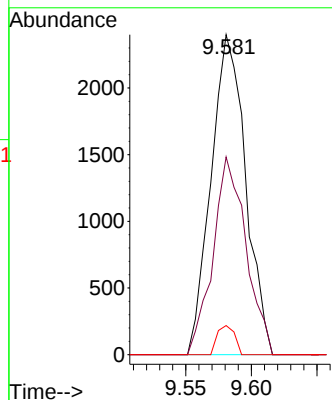
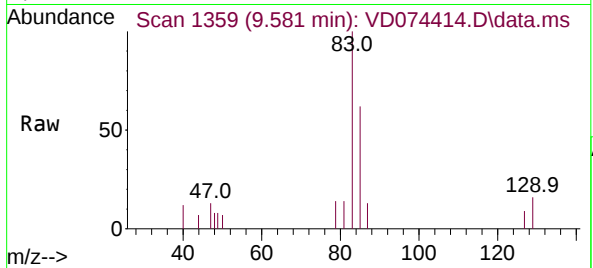




#47
Bromodichloromethane
Concen: 5.086 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

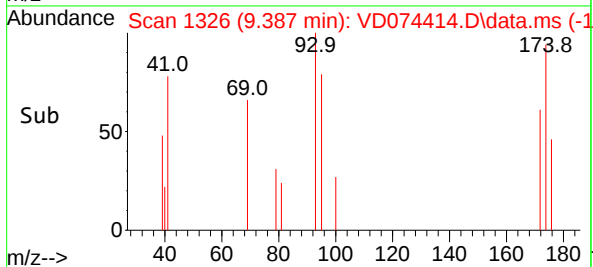
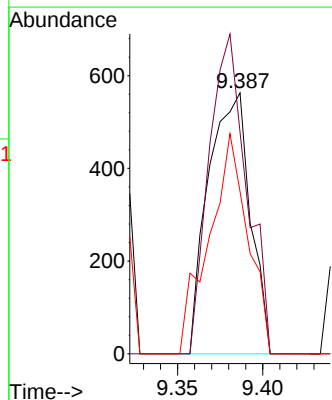
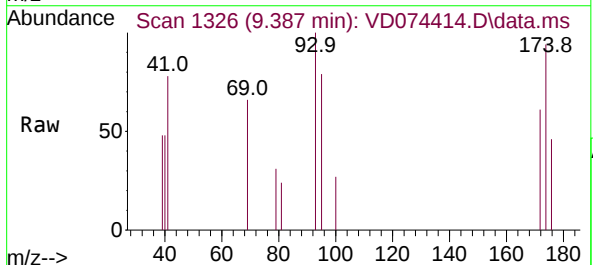
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

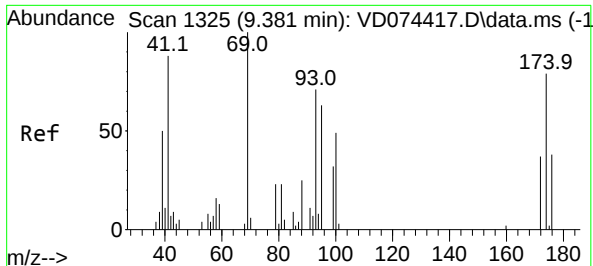
Tgt Ion: 83 Resp: 4397
Ion Ratio Lower Upper
83 100
85 61.8 48.8 73.2
127 9.1 6.7 10.1



#48
Methyl methacrylate
Concen: 4.160 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 41 Resp: 962
Ion Ratio Lower Upper
41 100
69 110.0 93.0 139.4
39 78.2 44.6 66.8#





#49

1,4-Dioxane

Concen: 52.916 ug/l

RT: 9.369 min Scan# 1323

Delta R.T. -0.012 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

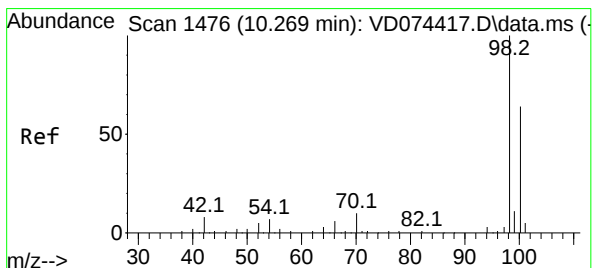
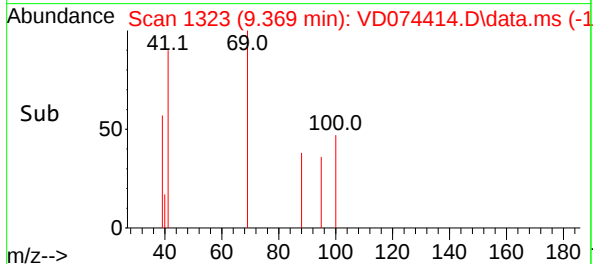
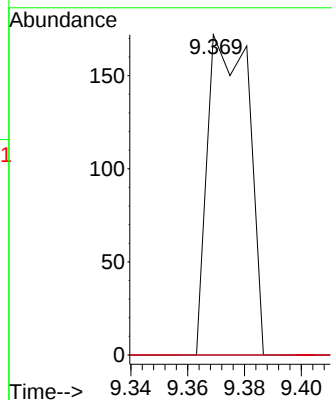
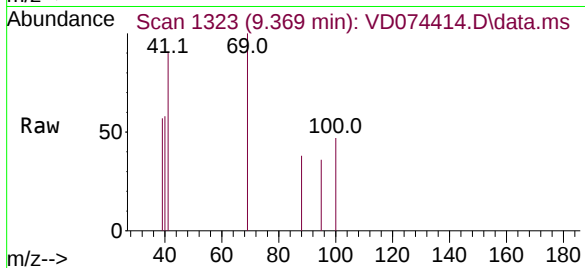
Tgt Ion: 88 Resp: 172

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 0.0 43.1 64.7#



#50

Toluene-d8

Concen: 5.931 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD074414.D

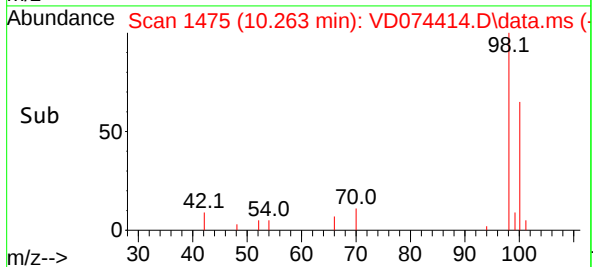
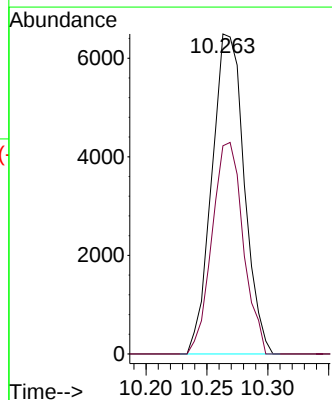
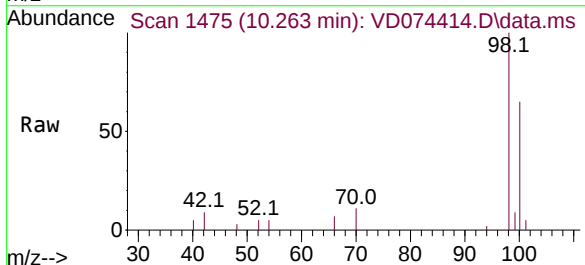
Acq: 26 Sep 2022 11:09

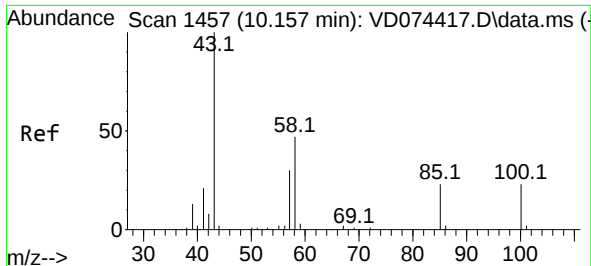
Tgt Ion: 98 Resp: 12005

Ion Ratio Lower Upper

98 100

100 63.7 51.4 77.0

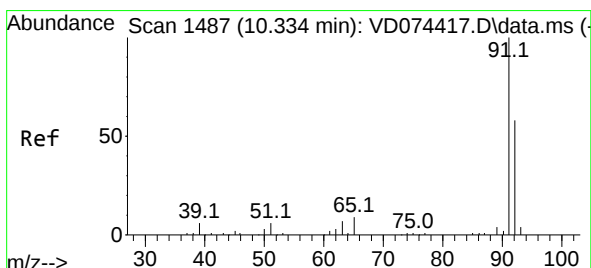
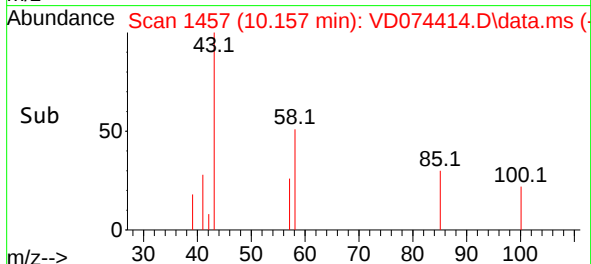
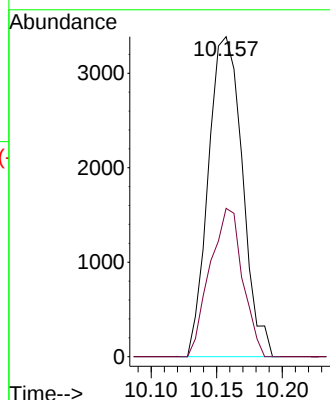
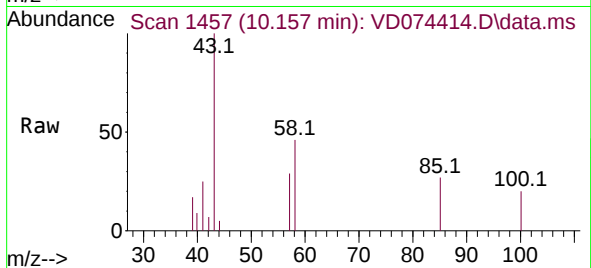




#51
4-Methyl-2-Pentanone
Concen: 23.032 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

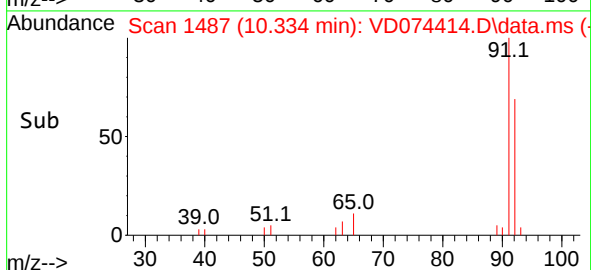
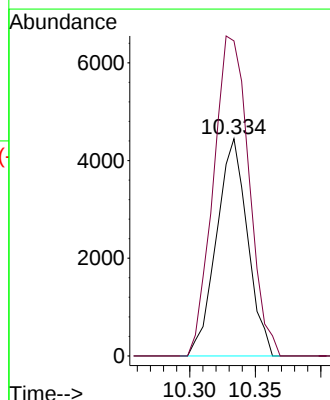
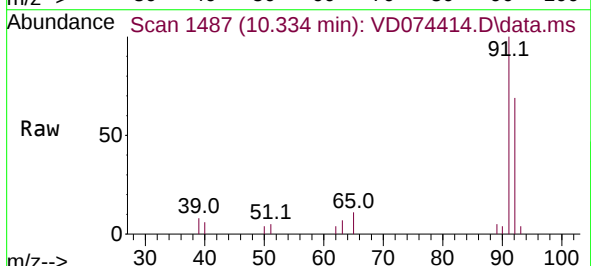
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

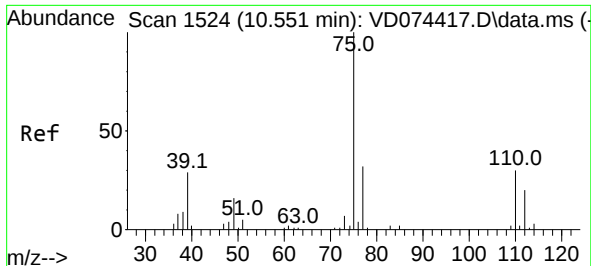
Tgt Ion: 43 Resp: 6129
Ion Ratio Lower Upper
43 100
58 44.4 37.8 56.6



#52
Toluene
Concen: 4.752 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 92 Resp: 7328
Ion Ratio Lower Upper
92 100
91 168.3 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 4.639 ug/l

RT: 10.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

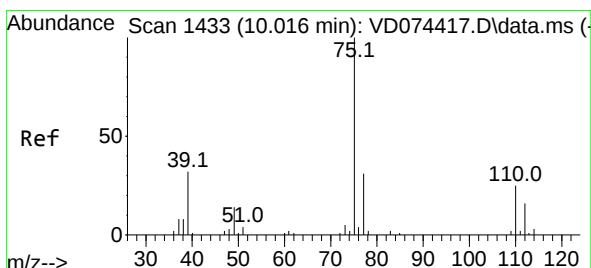
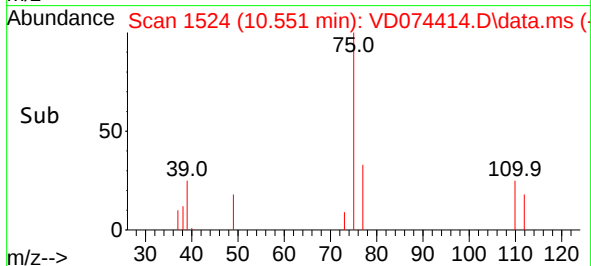
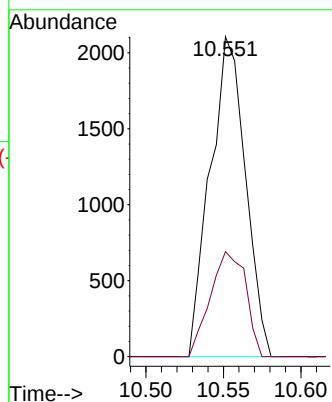
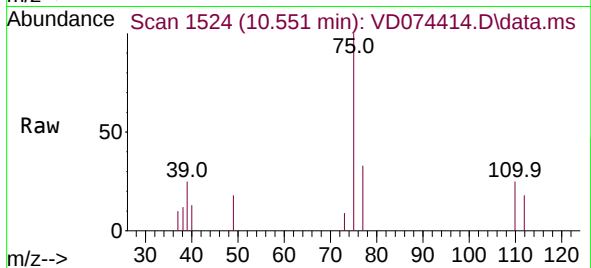
VSTDIC005

Tgt Ion: 75 Resp: 3333

Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 4.772 ug/l

RT: 10.010 min Scan# 1432

Delta R.T. -0.006 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

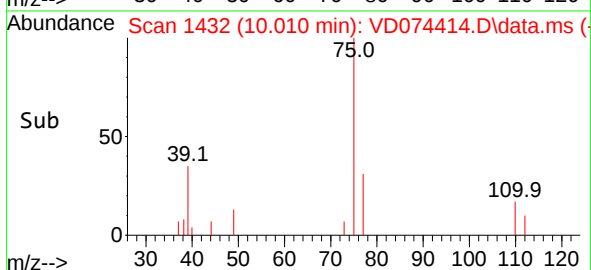
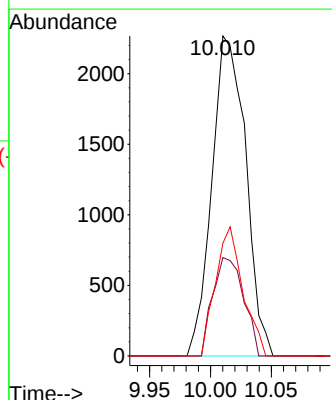
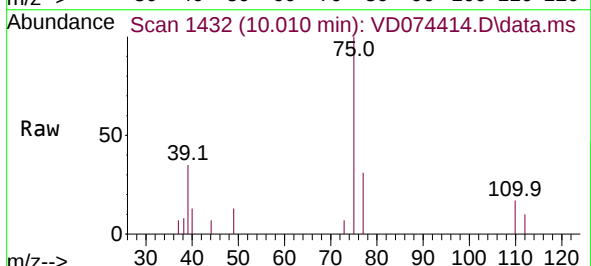
Tgt Ion: 75 Resp: 4376

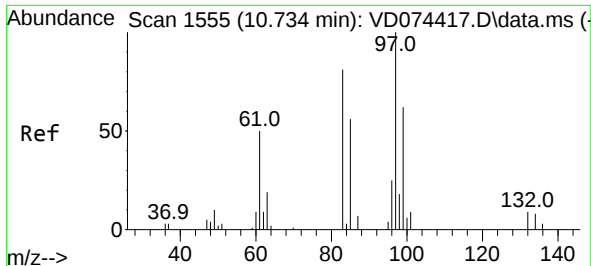
Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

39 35.2 25.4 38.2

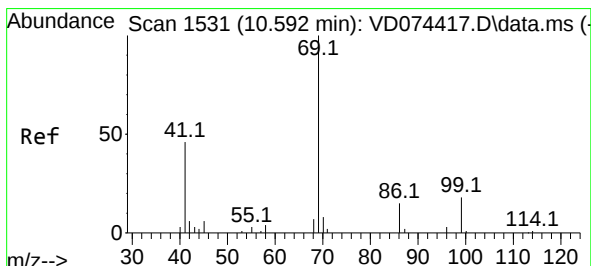
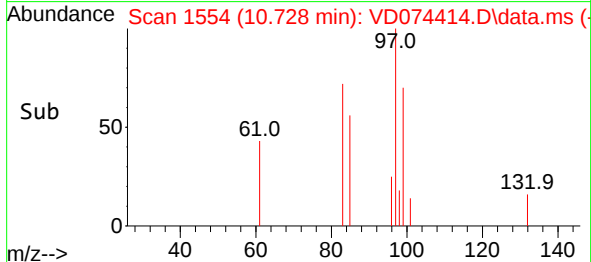
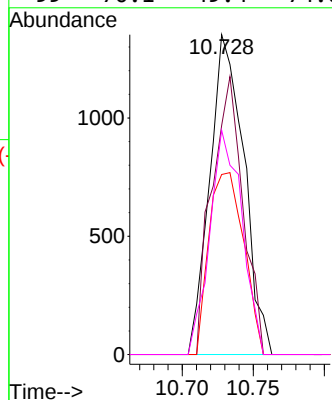
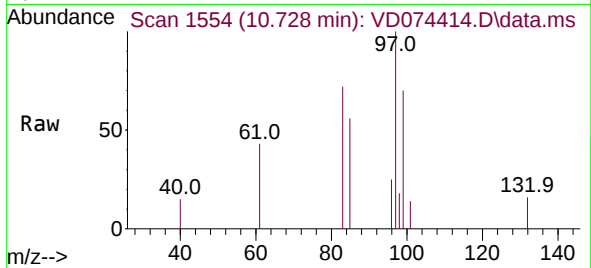




#55
1,1,2-Trichloroethane
Concen: 4.856 ug/l
RT: 10.728 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

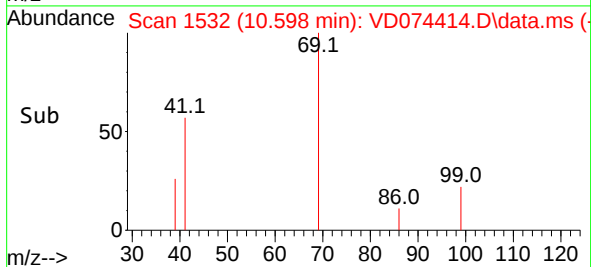
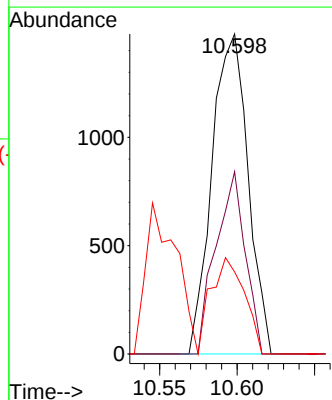
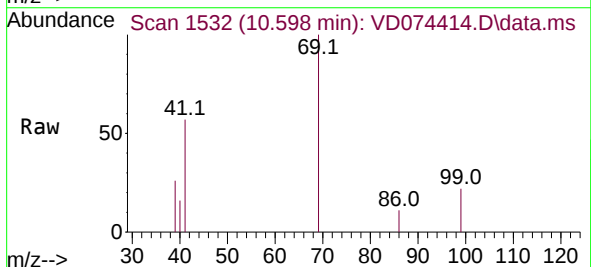
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

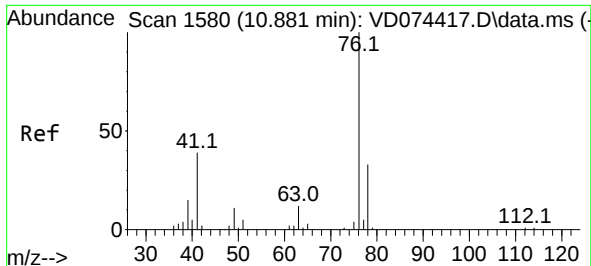
Tgt Ion:	97	Resp:	2260
Ion	Ratio	Lower	Upper
97	100		
83	71.6	64.8	97.2
85	56.3	44.8	67.2
99	70.1	49.4	74.0



#56
Ethyl methacrylate
Concen: 4.578 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion:	69	Resp:	2390
Ion	Ratio	Lower	Upper
69	100		
41	46.4	38.6	58.0
39	28.1	19.9	29.9





#57

1,3-Dichloropropane

Concen: 5.035 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

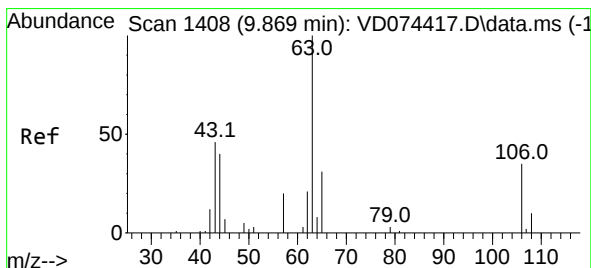
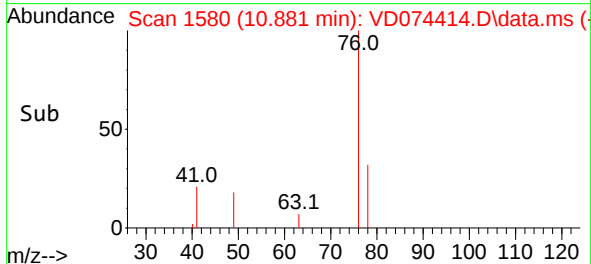
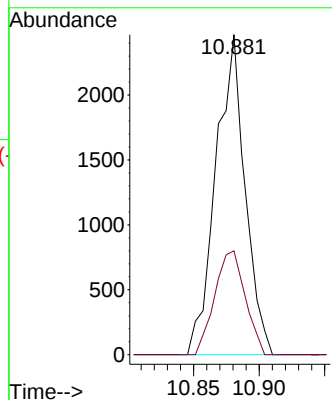
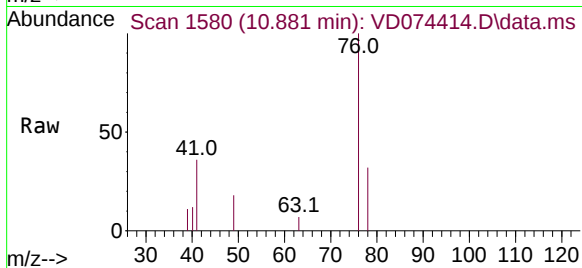
VSTDIC005

Tgt Ion: 76 Resp: 3820

Ion Ratio Lower Upper

76 100

78 33.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 21.385 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074414.D

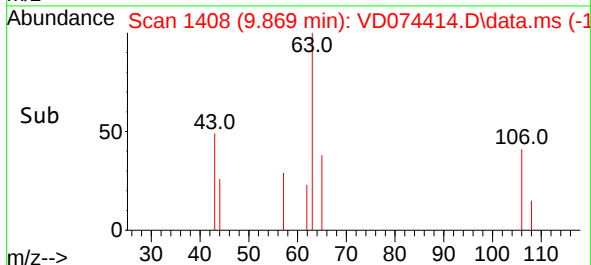
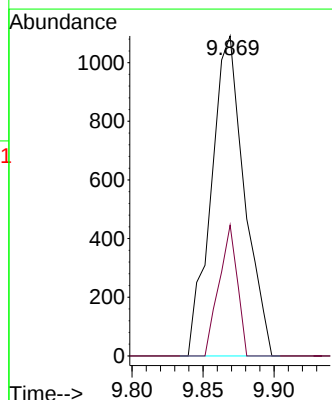
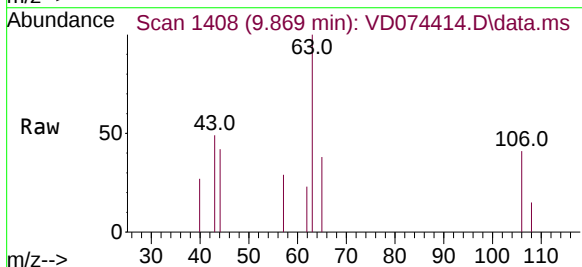
Acq: 26 Sep 2022 11:09

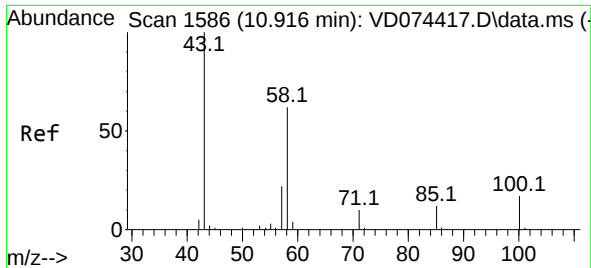
Tgt Ion: 63 Resp: 1773

Ion Ratio Lower Upper

63 100

106 22.4 26.5 39.7#

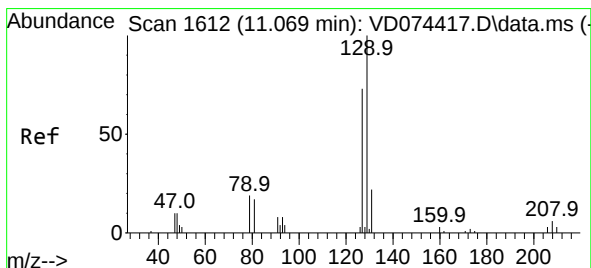
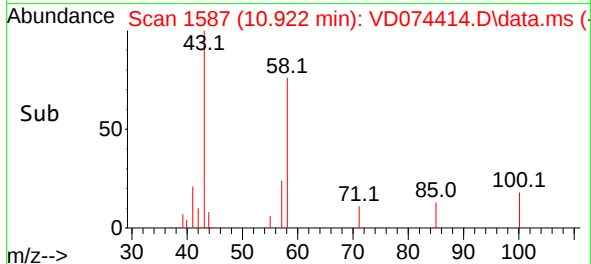
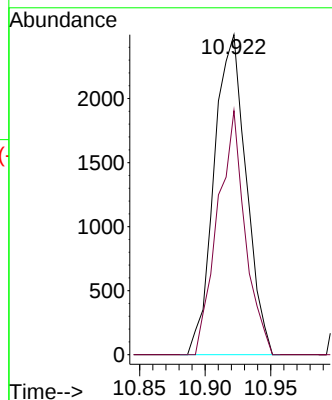
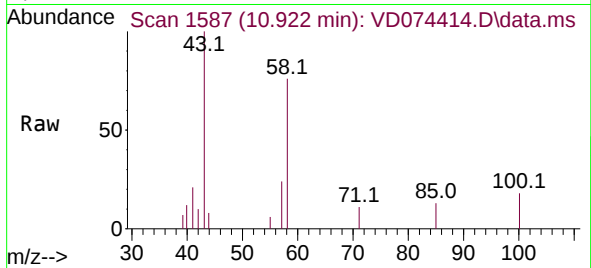




#59
2-Hexanone
Concen: 23.619 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

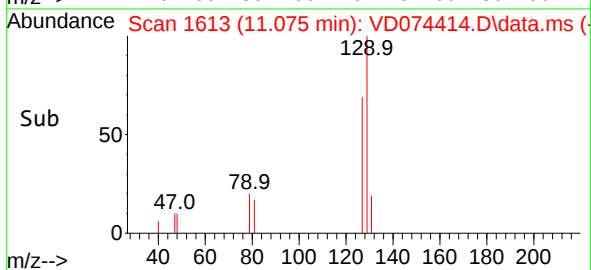
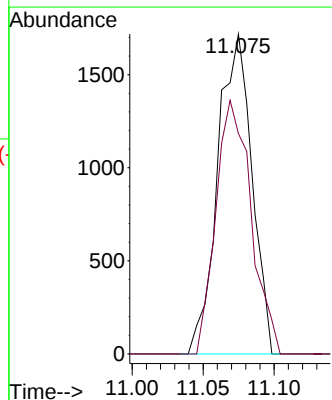
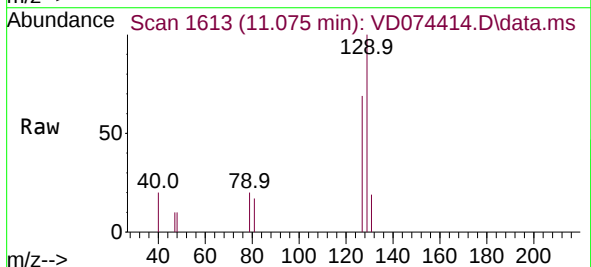
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

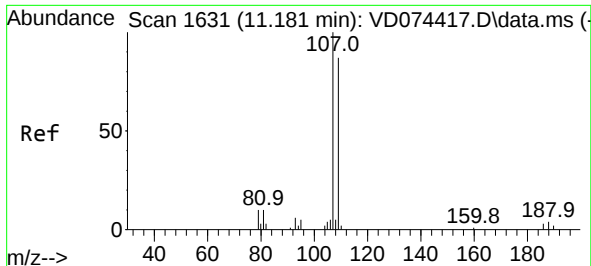
Tgt Ion: 43 Resp: 4242
Ion Ratio Lower Upper
43 100
58 65.7 32.0 96.2



#60
Dibromochloromethane
Concen: 4.917 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 129 Resp: 2866
Ion Ratio Lower Upper
129 100
127 81.8 39.1 117.2

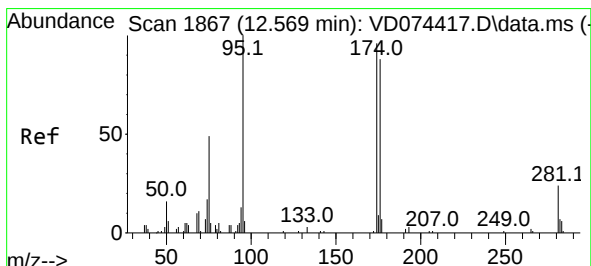
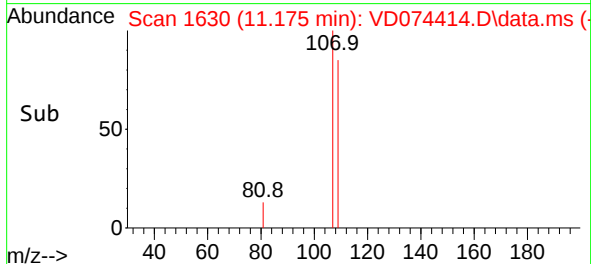
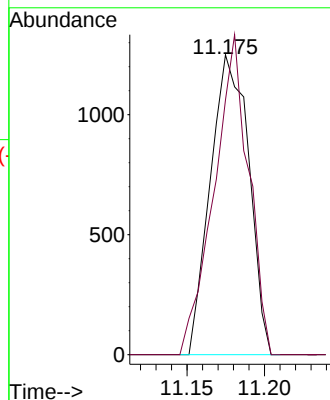
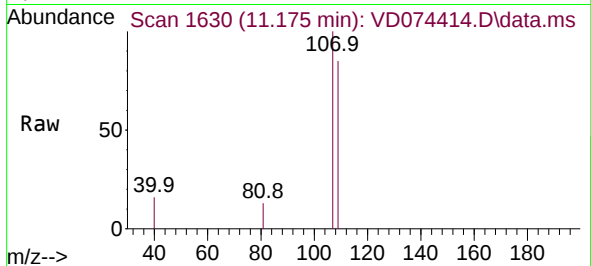




#61
1,2-Dibromoethane
Concen: 4.746 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

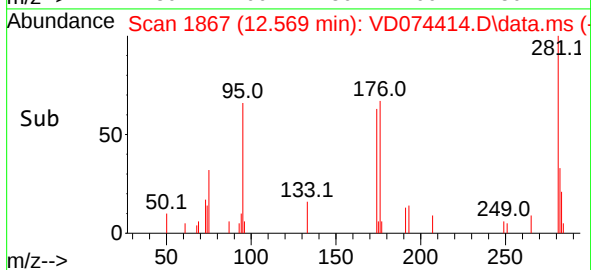
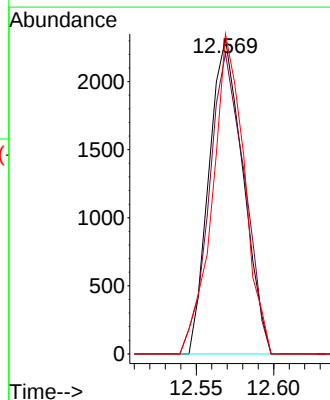
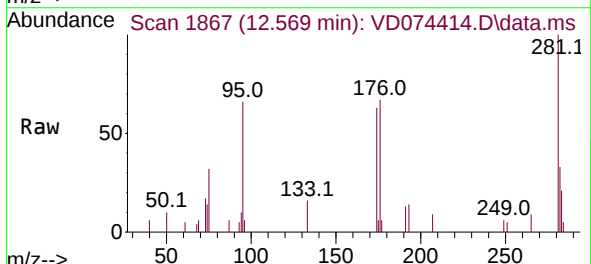
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

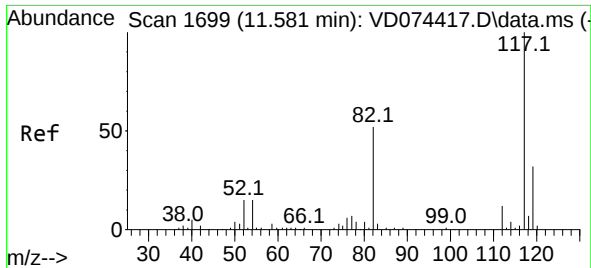
Tgt Ion:107 Resp: 2147
Ion Ratio Lower Upper
107 100
109 95.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 4.348 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 95 Resp: 3537
Ion Ratio Lower Upper
95 100
174 98.5 0.0 197.0
176 94.7 0.0 182.6

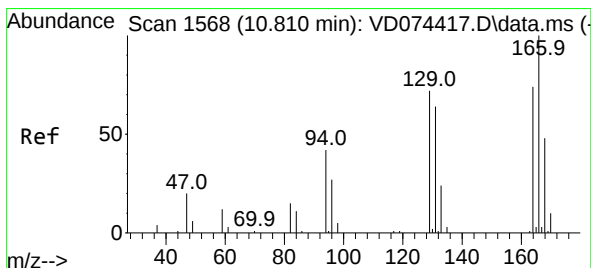
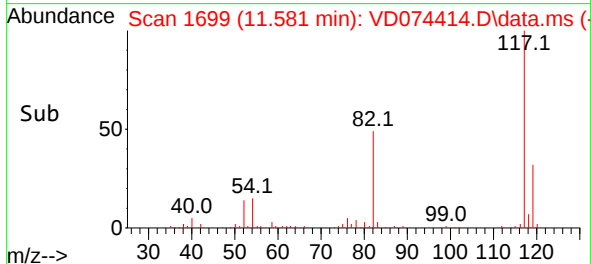
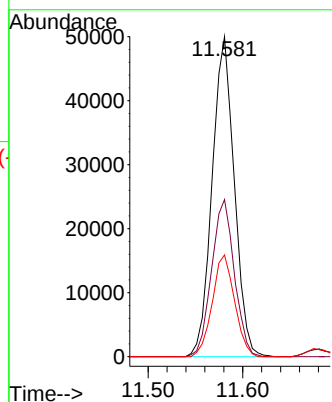
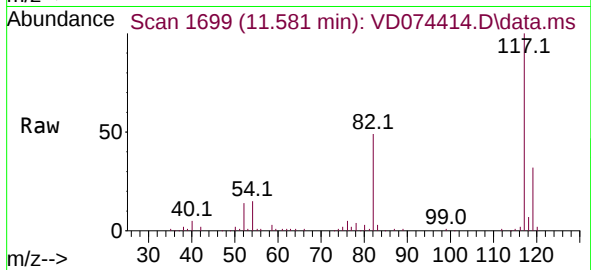




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

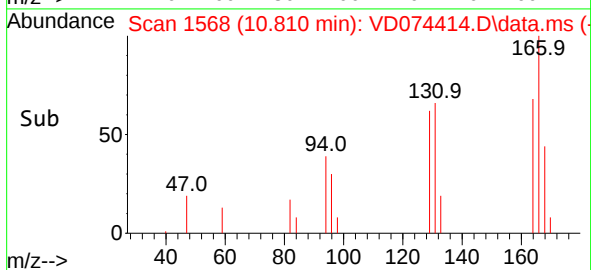
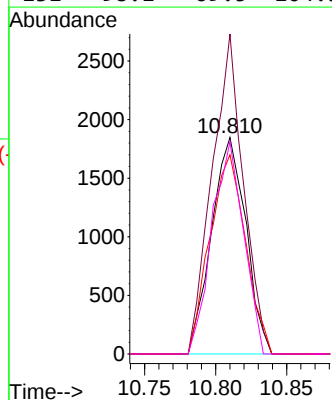
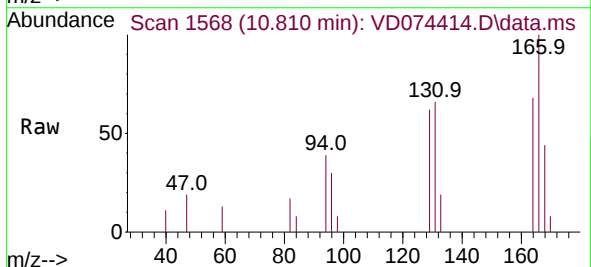
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

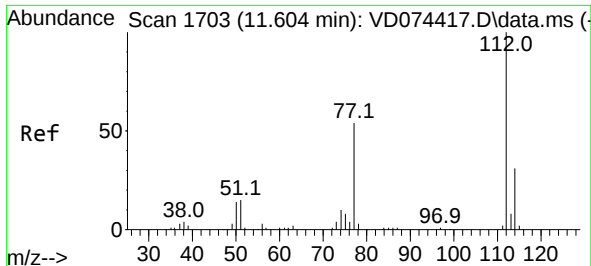
Tgt Ion:117 Resp: 81395
Ion Ratio Lower Upper
117 100
82 49.1 41.6 62.4
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 4.921 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion:164 Resp: 3106
Ion Ratio Lower Upper
164 100
166 147.9 107.8 161.8
129 92.0 77.4 116.2
131 98.1 69.5 104.3

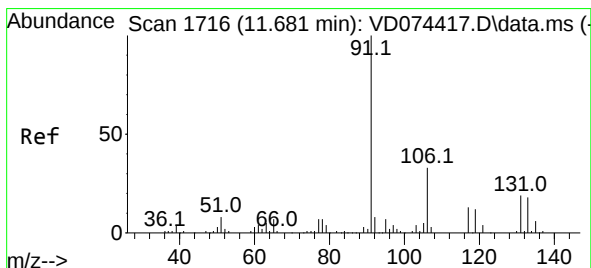
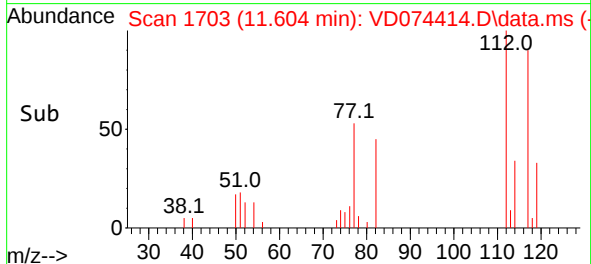
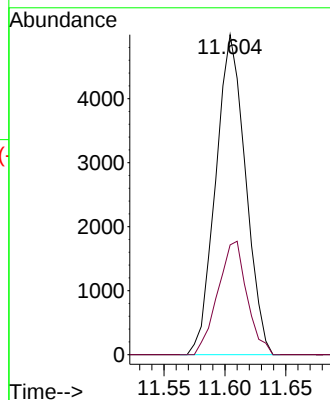
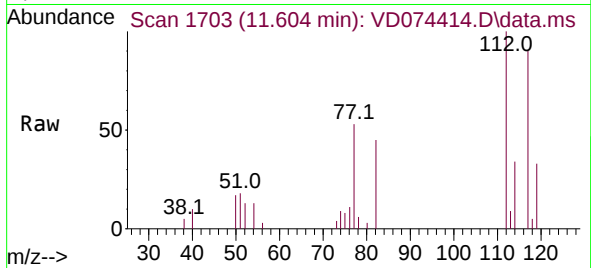




#65
Chlorobenzene
Concen: 4.830 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

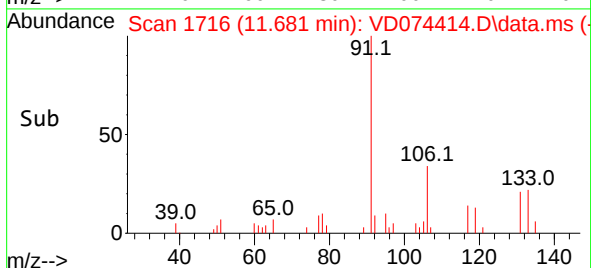
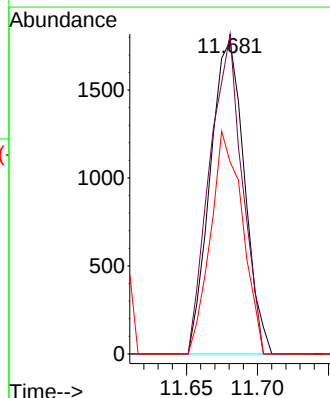
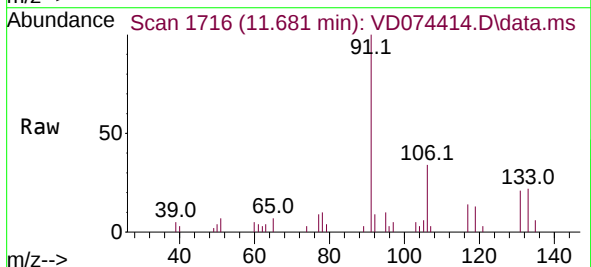
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

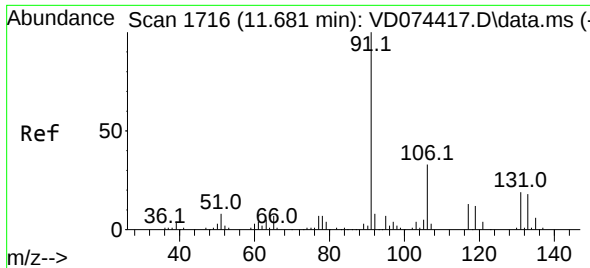
Tgt Ion:112 Resp: 8514
Ion Ratio Lower Upper
112 100
114 34.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.670 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion:131 Resp: 2980
Ion Ratio Lower Upper
131 100
133 96.4 46.6 139.8
119 66.1 32.5 97.4

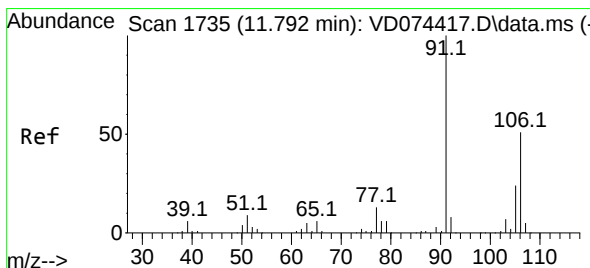
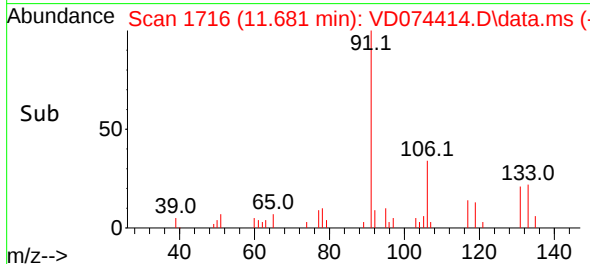
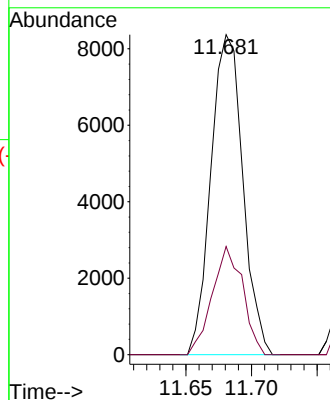
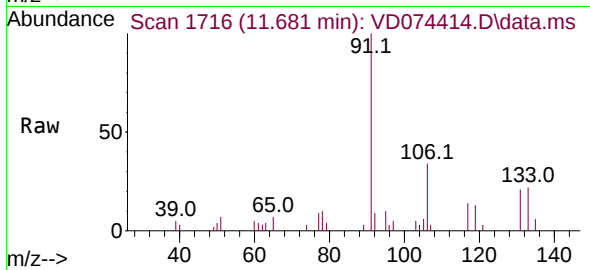




#67
Ethyl Benzene
Concen: 4.562 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

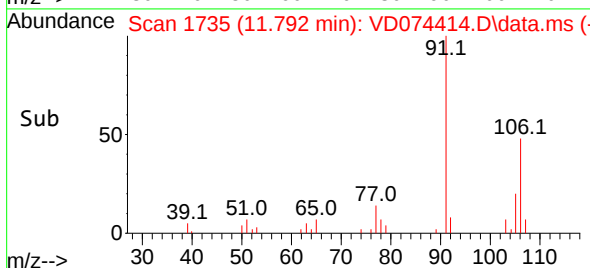
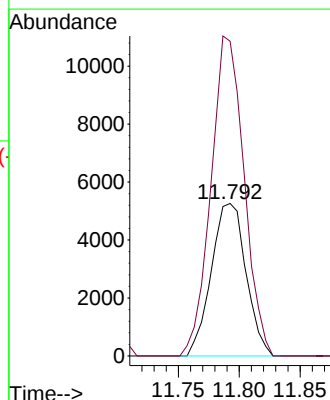
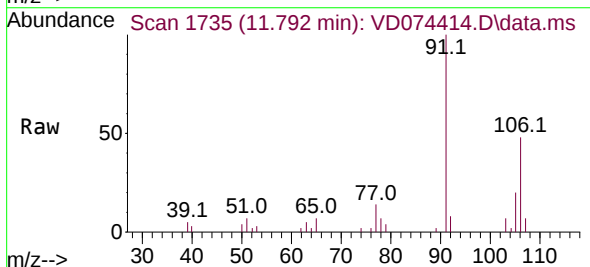
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

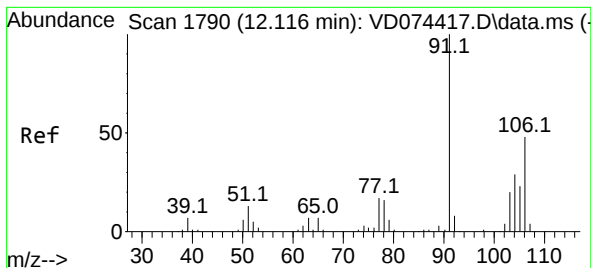
Tgt Ion: 91 Resp: 14150
Ion Ratio Lower Upper
91 100
106 33.8 26.6 40.0



#68
m/p-Xylenes
Concen: 8.563 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 106 Resp: 10423
Ion Ratio Lower Upper
106 100
91 200.2 156.2 234.4





#69

o-Xylene

Concen: 4.101 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

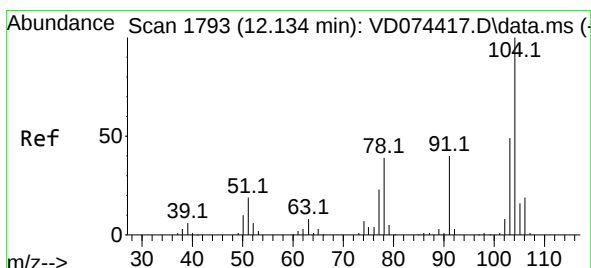
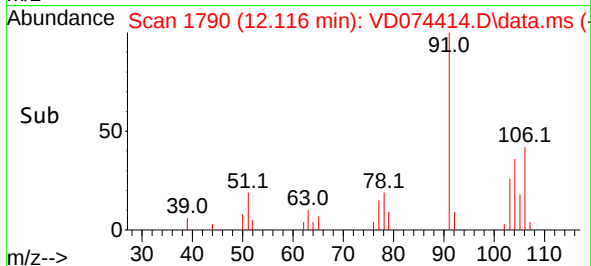
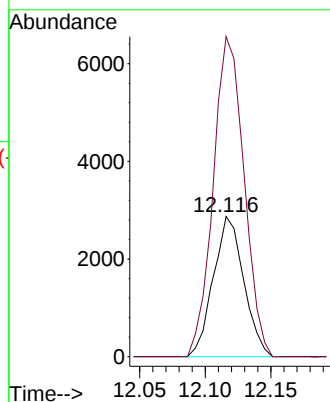
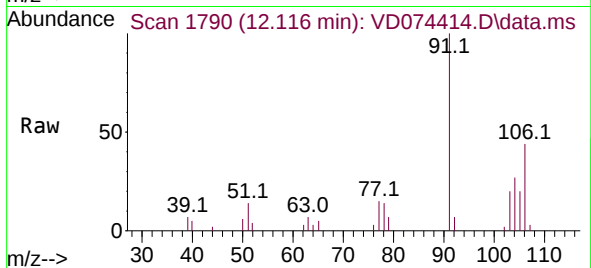
VSTDIC005

Tgt Ion:106 Resp: 4629

Ion Ratio Lower Upper

106 100

91 231.4 104.5 313.3



#70

Styrene

Concen: 4.498 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

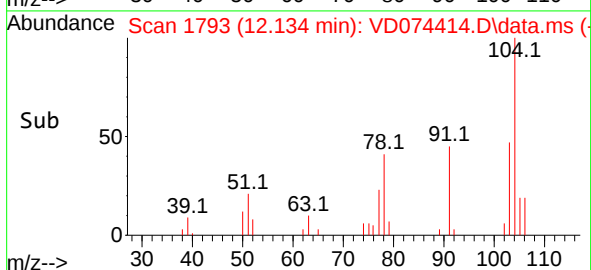
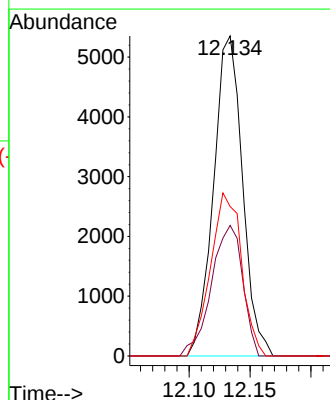
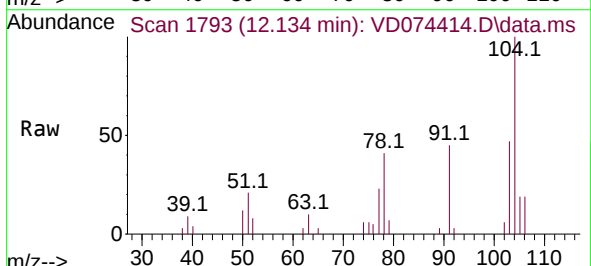
Tgt Ion:104 Resp: 8850

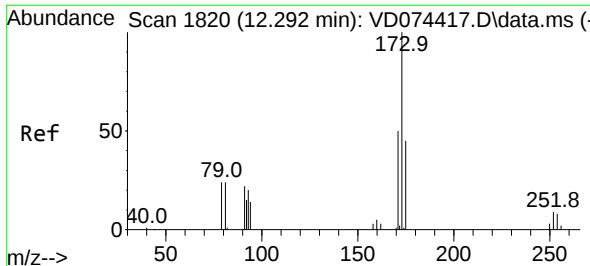
Ion Ratio Lower Upper

104 100

78 44.0 35.7 53.5

103 54.4 43.7 65.5

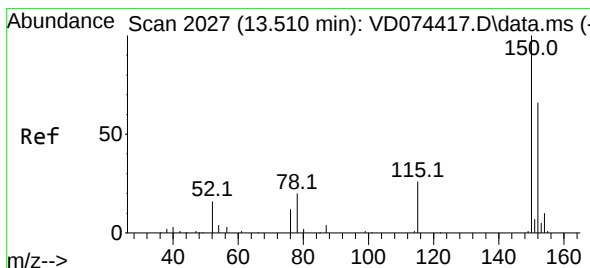
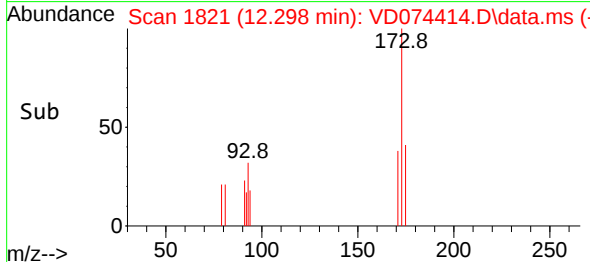
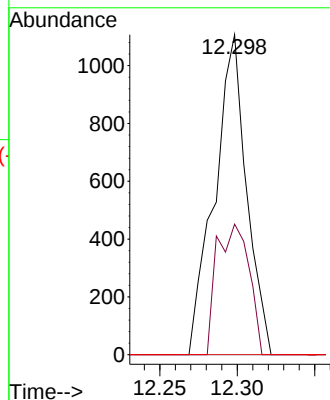
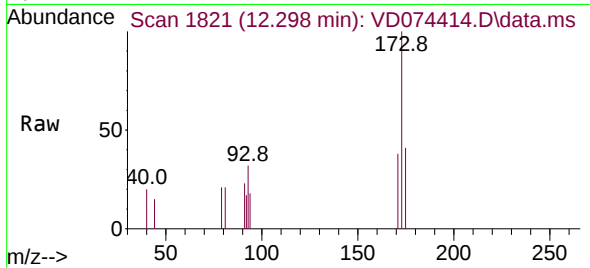




#71
Bromoform
Concen: 4.530 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

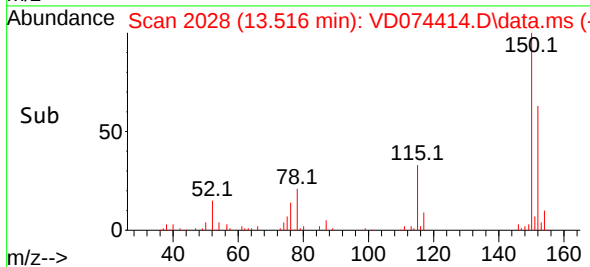
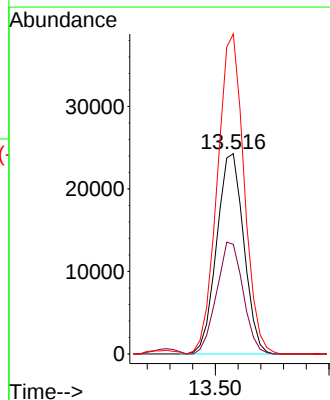
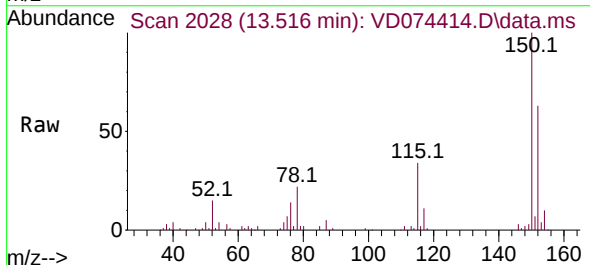
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

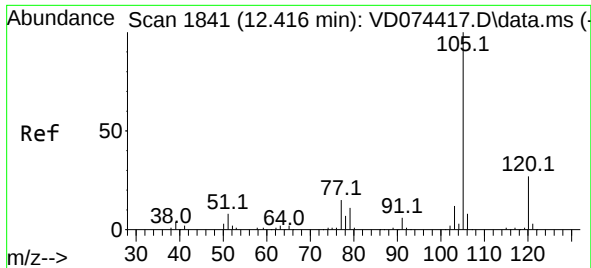
Tgt Ion:173 Resp: 1593
Ion Ratio Lower Upper
173 100
175 40.9 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion:152 Resp: 40197
Ion Ratio Lower Upper
152 100
115 54.6 26.8 80.4
150 157.7 0.0 348.2

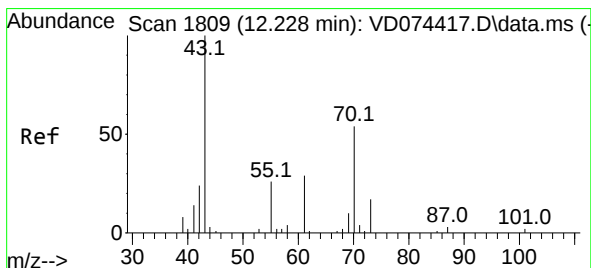
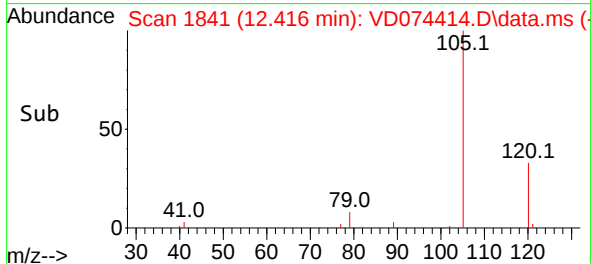
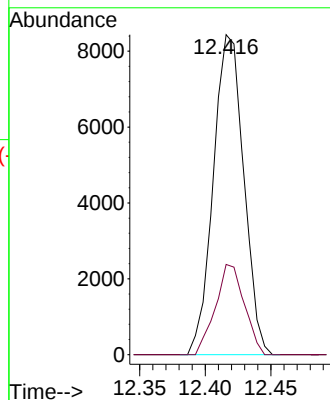
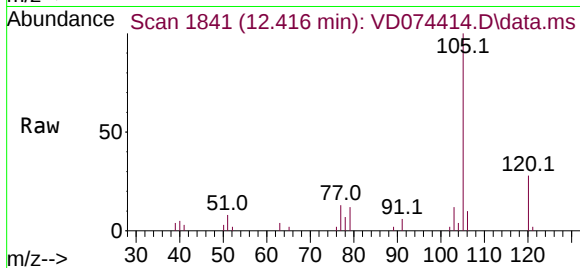




#73
Isopropylbenzene
Concen: 4.561 ug/l
RT: 12.416 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

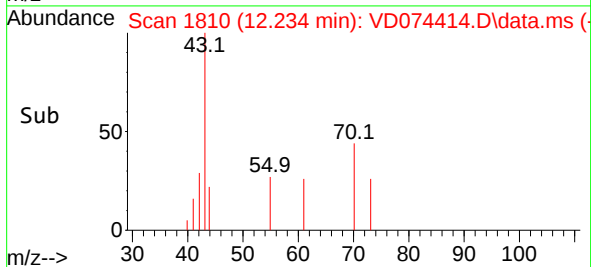
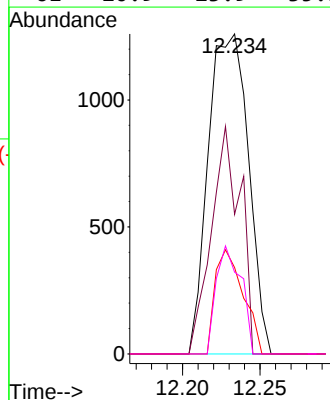
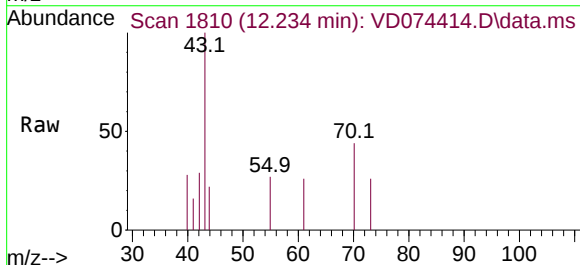
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

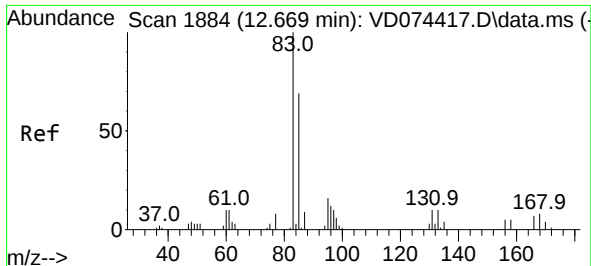
Tgt Ion:105 Resp: 13610
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 4.819 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
70 51.6 43.8 65.6
55 22.8 22.0 33.0
61 20.9 23.9 35.9#

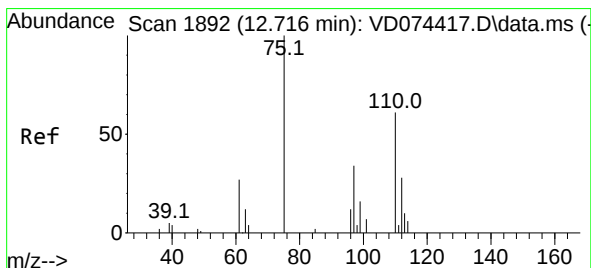
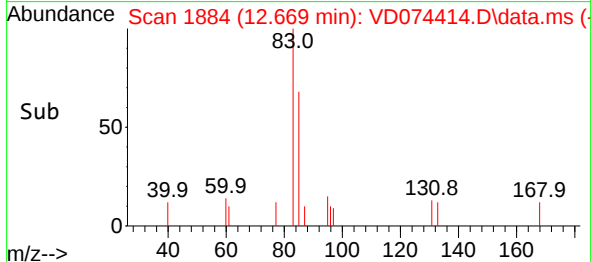
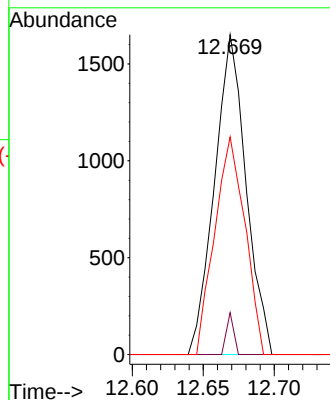
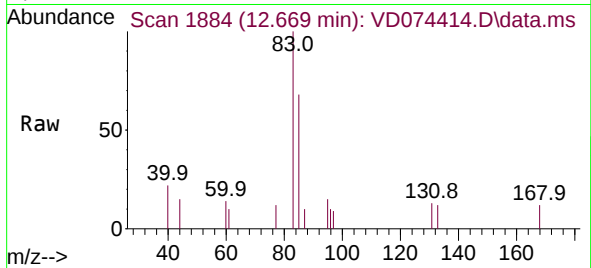




#75
1,1,2,2-Tetrachloroethane
Concen: 4.886 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

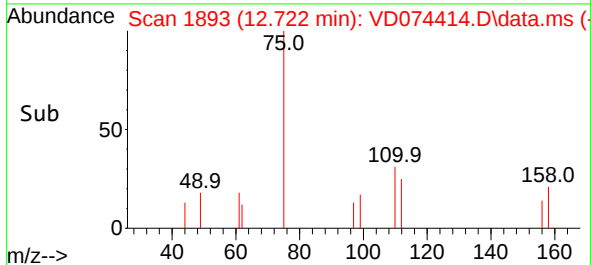
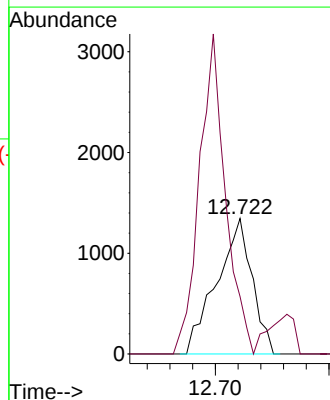
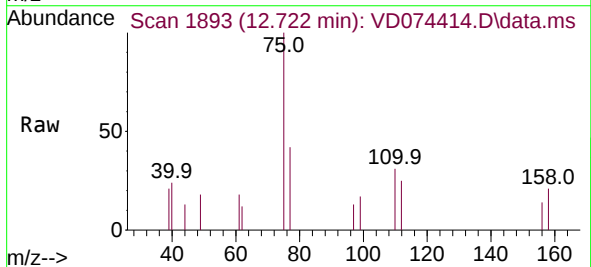
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

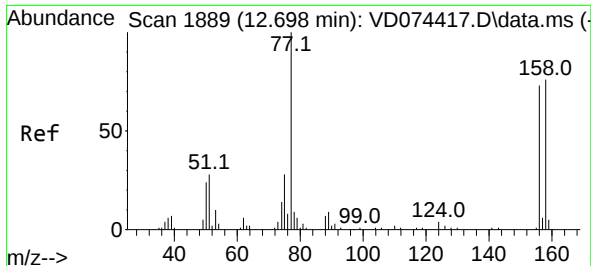
Tgt Ion: 83 Resp: 2544
Ion Ratio Lower Upper
83 100
131 3.0 4.7 14.1#
85 65.2 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 9.249 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 75 Resp: 2908
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

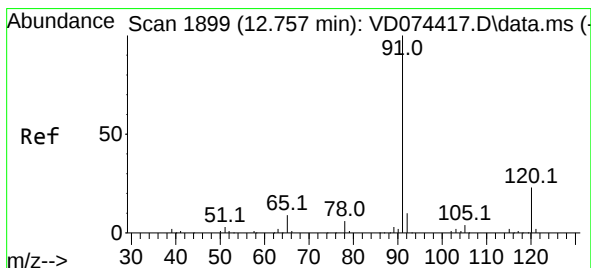
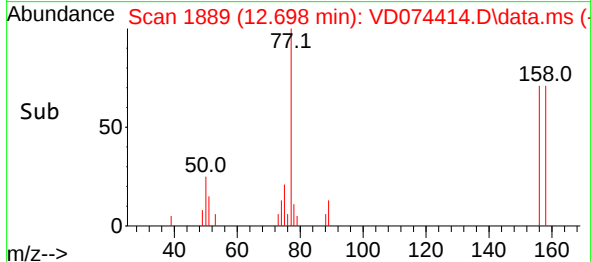
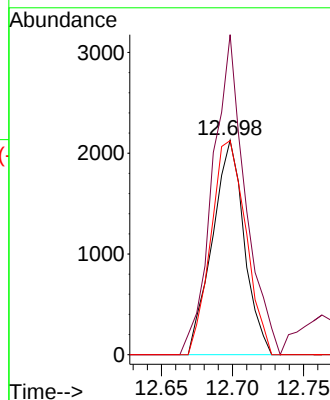
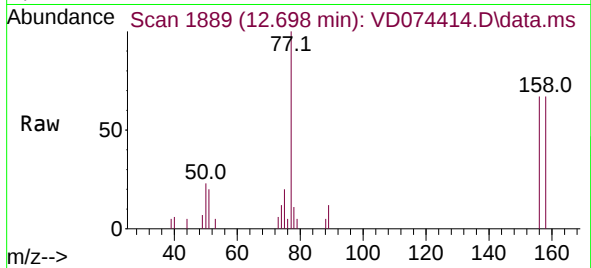




#77
Bromobenzene
Concen: 4.695 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

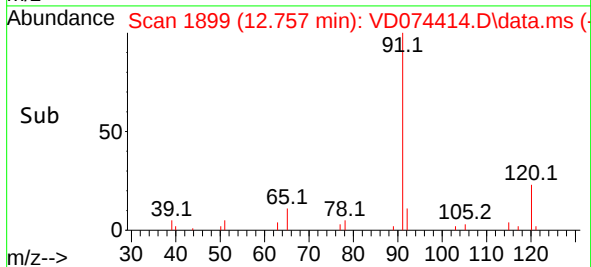
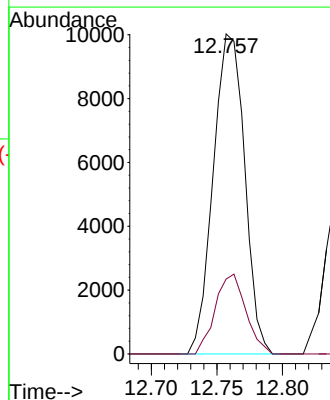
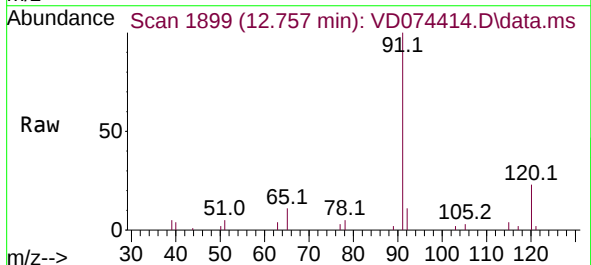
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

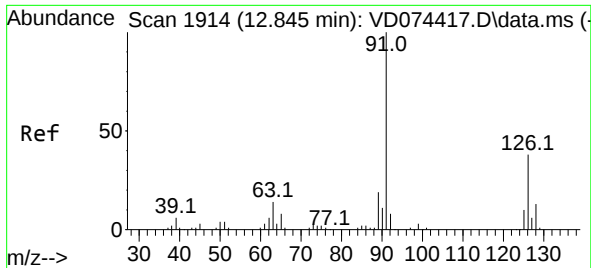
Tgt Ion:156 Resp: 3319
Ion Ratio Lower Upper
156 100
77 152.7 77.7 233.1
158 109.6 49.4 148.2



#78
n-propylbenzene
Concen: 4.651 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 91 Resp: 16696
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.7

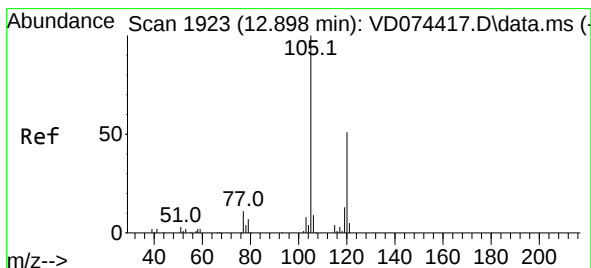
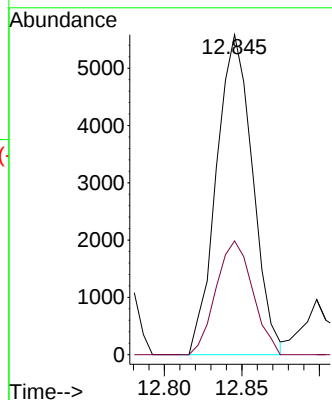
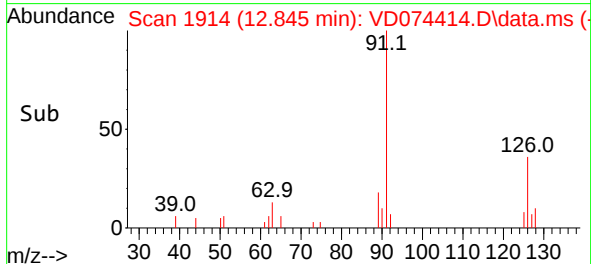
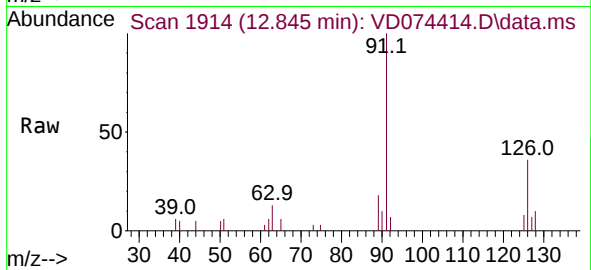




#79
2-Chlorotoluene
Concen: 4.690 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

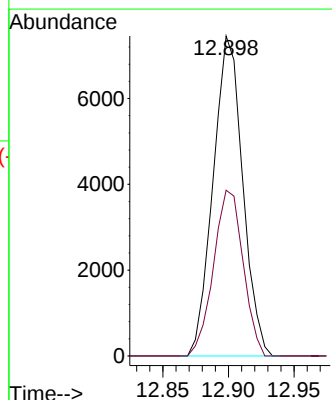
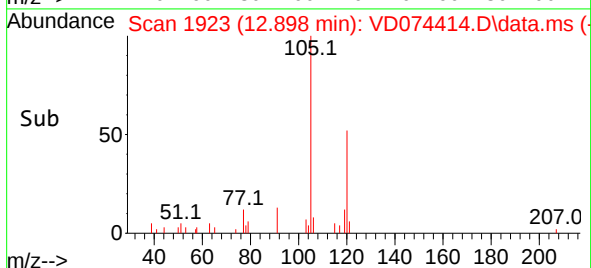
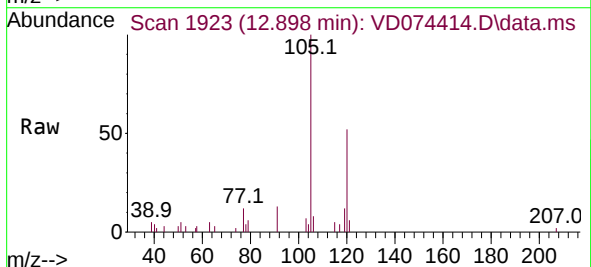
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

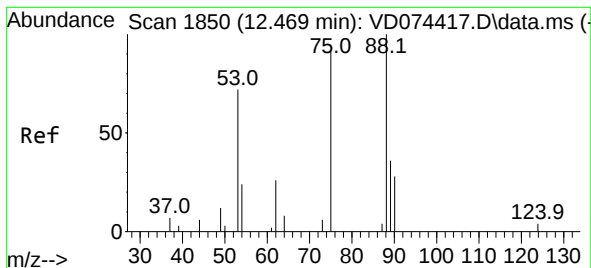
Tgt Ion: 91 Resp: 9087
Ion Ratio Lower Upper
91 100
126 35.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 4.730 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 105 Resp: 11678
Ion Ratio Lower Upper
105 100
120 51.9 25.7 77.0

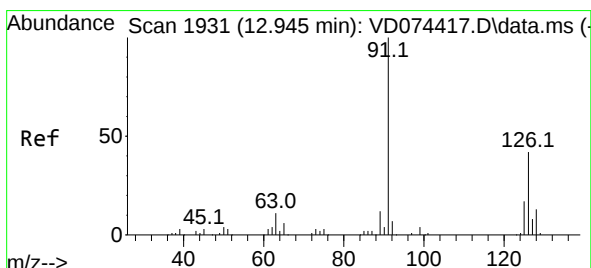
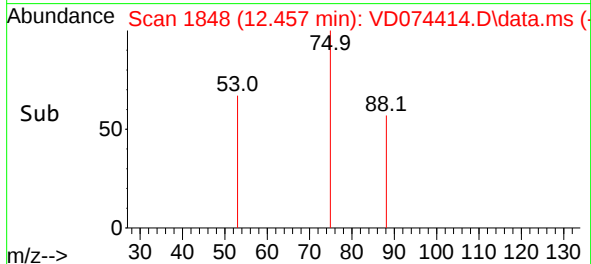
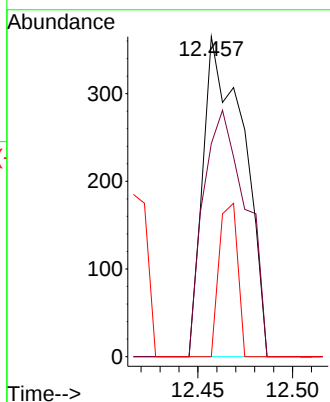
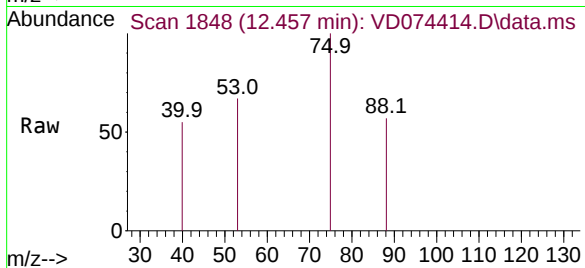




#81
trans-1,4-Dichloro-2-butene
Concen: 4.215 ug/l
RT: 12.457 min Scan# 1848
Delta R.T. -0.012 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

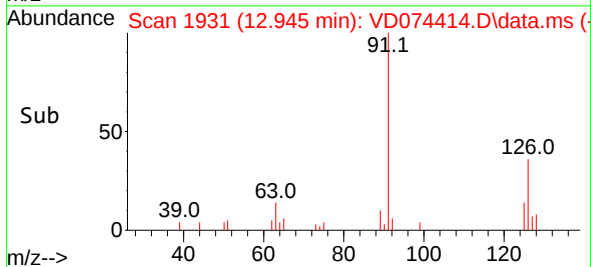
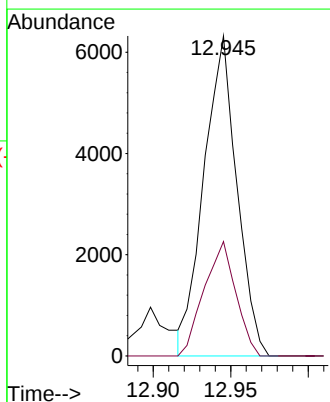
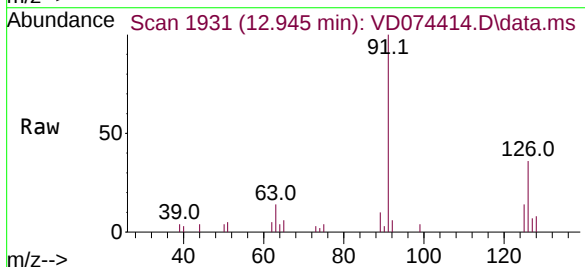
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

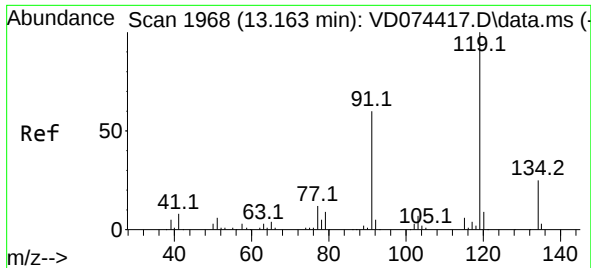
Tgt Ion: 75 Resp: 543
Ion Ratio Lower Upper
75 100
53 81.0 63.8 95.6
89 21.9 38.2 57.4#



#82
4-Chlorotoluene
Concen: 4.703 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 91 Resp: 9342
Ion Ratio Lower Upper
91 100
126 34.4 18.8 56.4

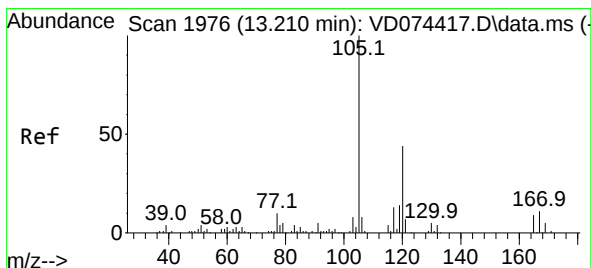
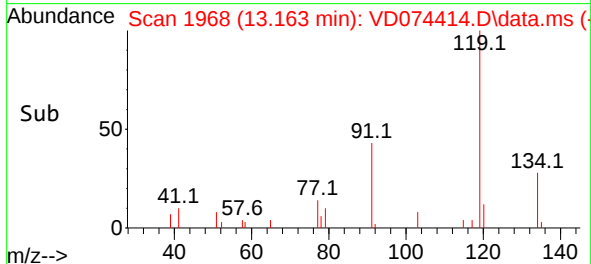
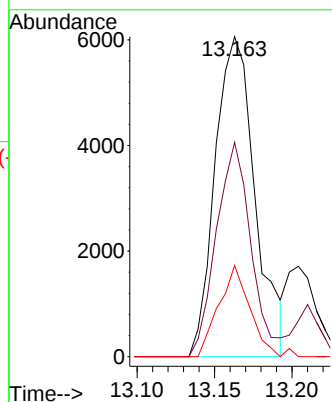
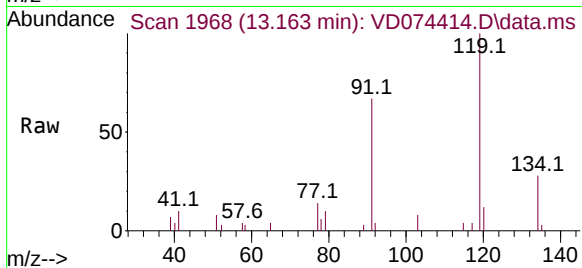




#83
 tert-Butylbenzene
 Concen: 4.869 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.000 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

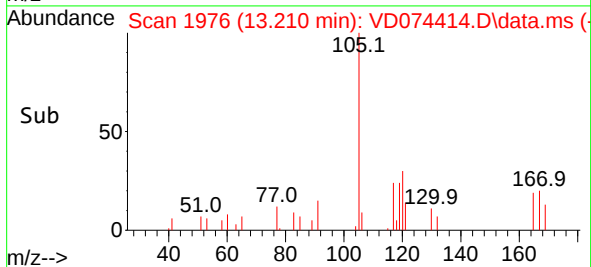
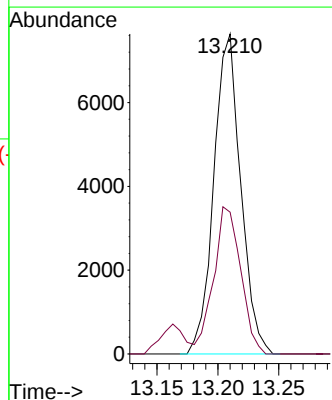
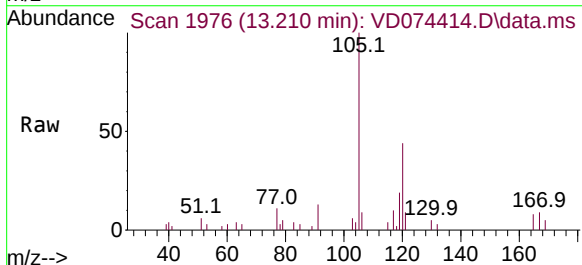
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

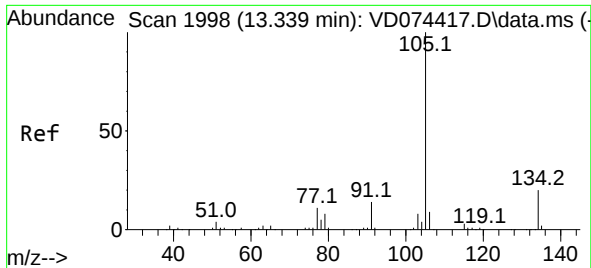
Tgt Ion:119 Resp: 10879
 Ion Ratio Lower Upper
 119 100
 91 58.0 30.0 90.0
 134 22.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.767 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

Tgt Ion:105 Resp: 11717
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.7

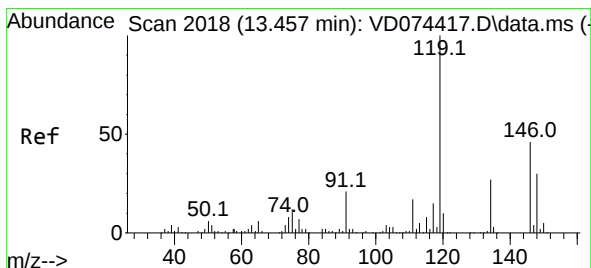
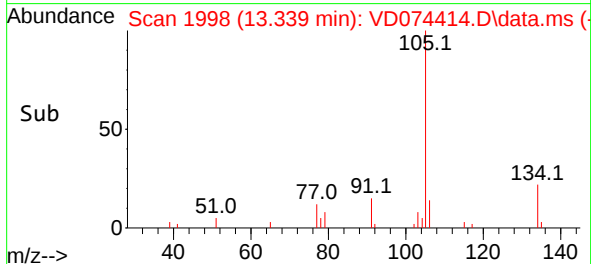
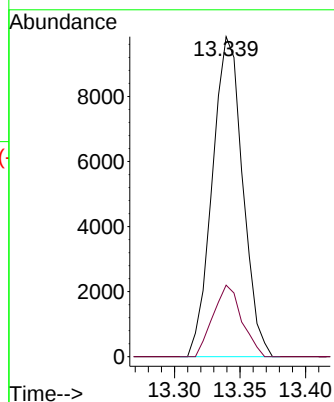
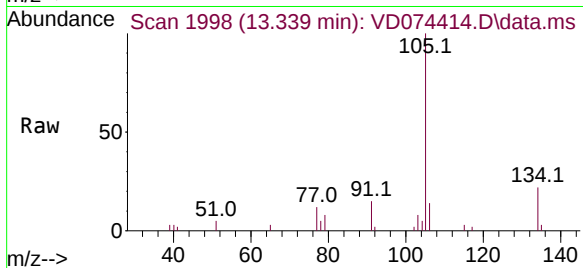




#85
 sec-Butylbenzene
 Concen: 4.740 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

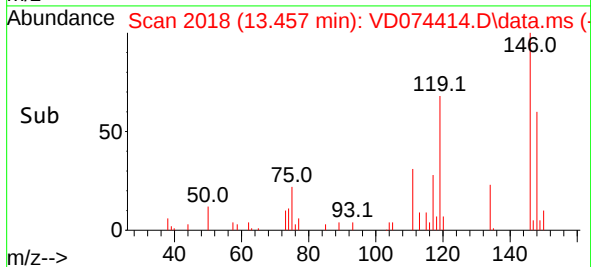
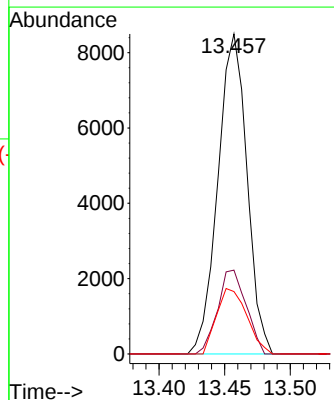
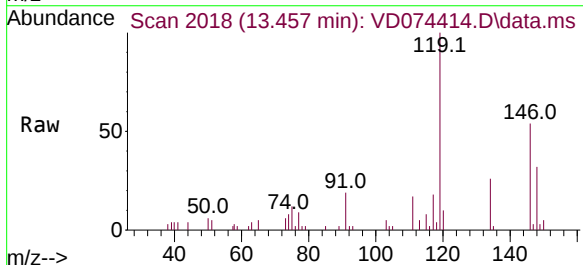
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

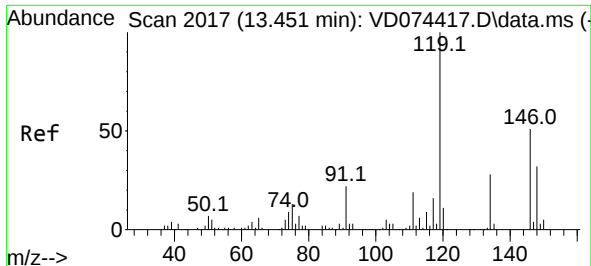
Tgt Ion:105 Resp: 15850
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 4.683 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

Tgt Ion:119 Resp: 13089
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 21.3 10.8 32.4

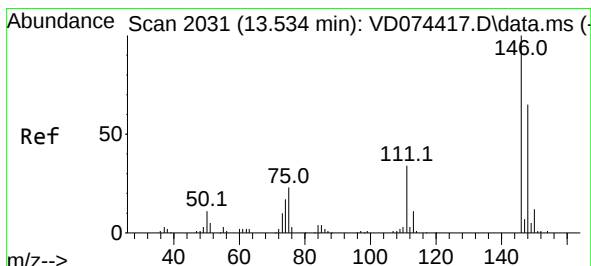
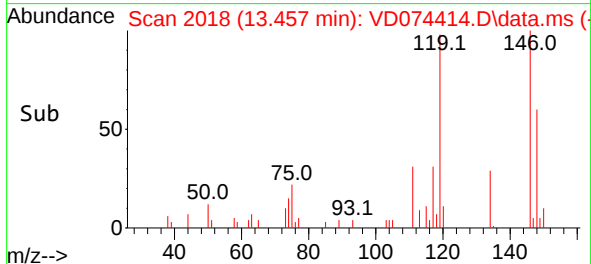
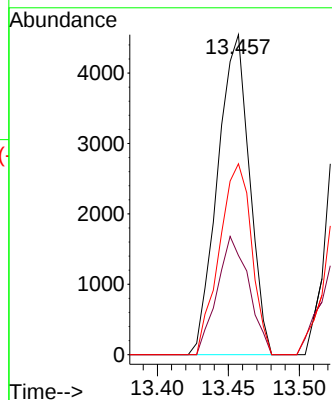
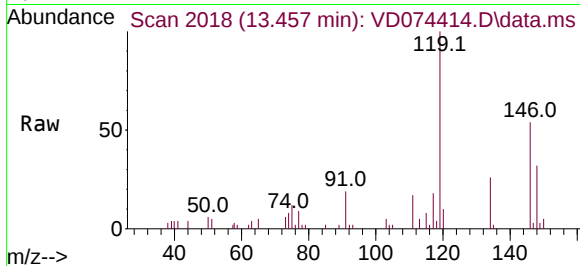




#87
1,3-Dichlorobenzene
Concen: 4.890 ug/l
RT: 13.457 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

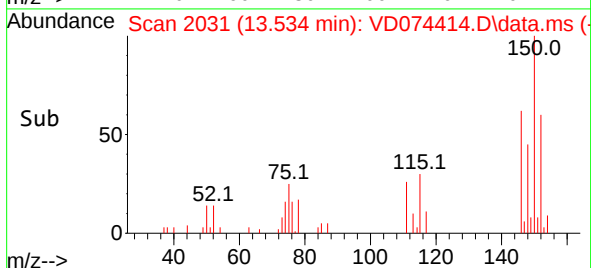
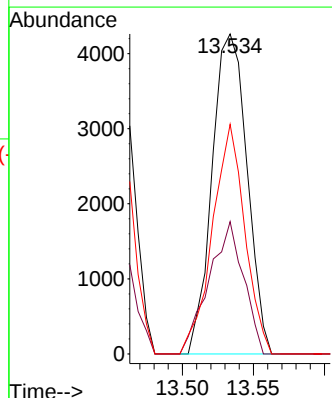
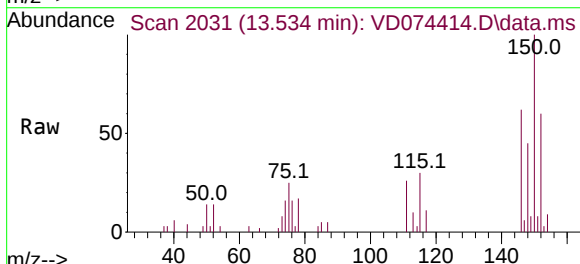
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

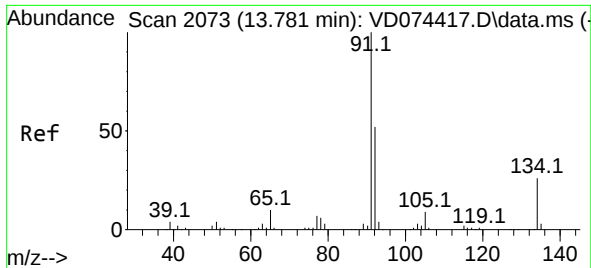
Tgt Ion:146 Resp: 7096
Ion Ratio Lower Upper
146 100
111 36.7 18.3 54.8
148 60.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 5.025 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion:146 Resp: 7299
Ion Ratio Lower Upper
146 100
111 40.9 17.7 53.1
148 66.6 32.3 96.9

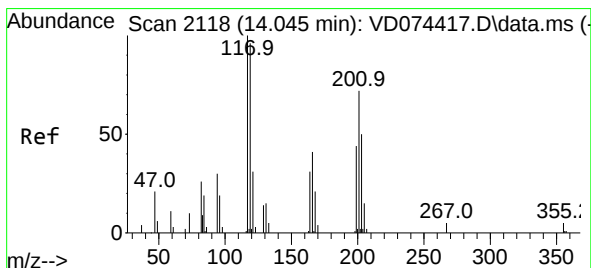
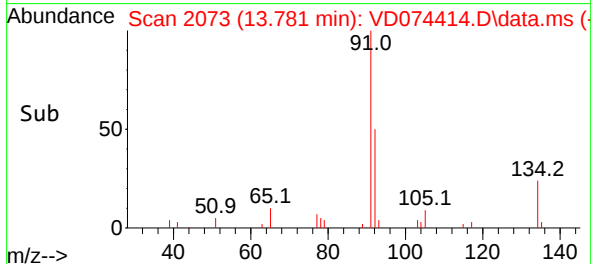
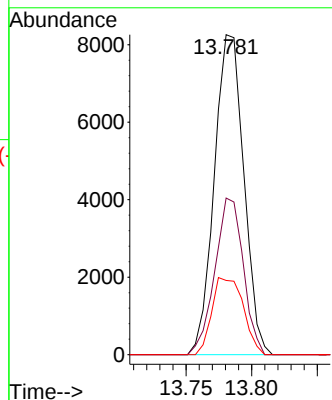
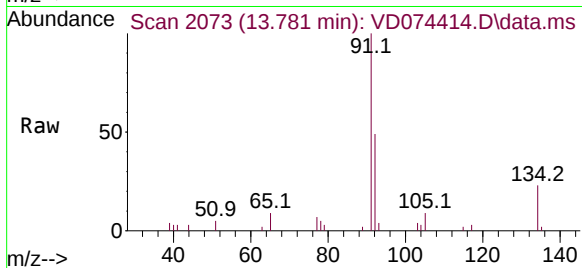




#89
n-Butylbenzene
Concen: 4.987 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

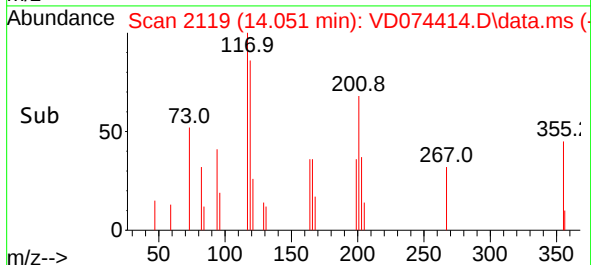
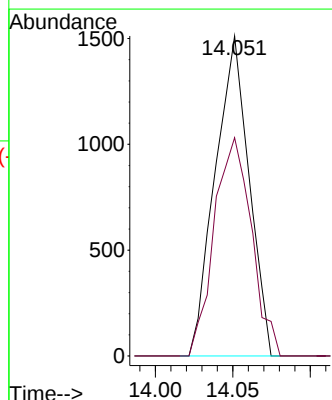
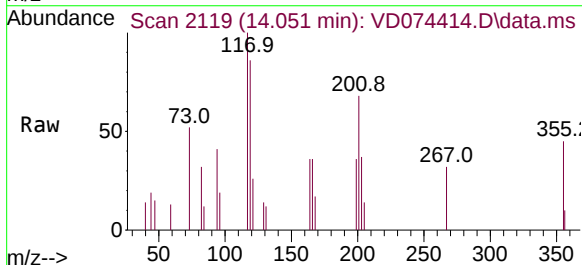
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

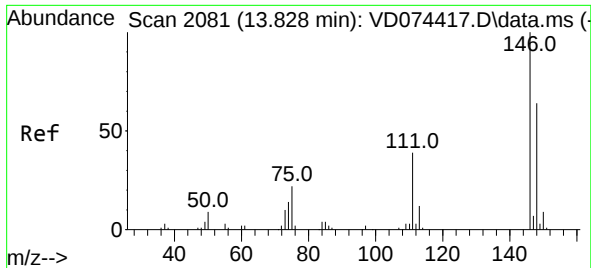
Tgt Ion: 91	Resp: 12924
Ion Ratio	Lower Upper
91	100
92	47.2 26.9 80.7
134	25.5 13.4 40.2



#90
Hexachloroethane
Concen: 4.633 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

Tgt Ion: 117	Resp: 2292
Ion Ratio	Lower Upper
117	100
201	75.2 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 5.044 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

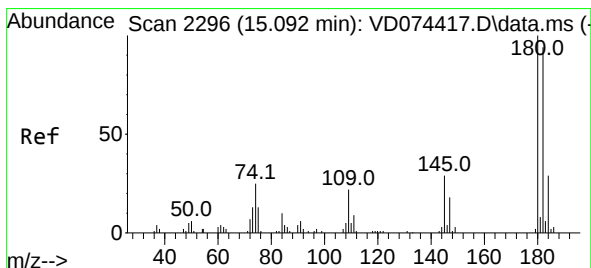
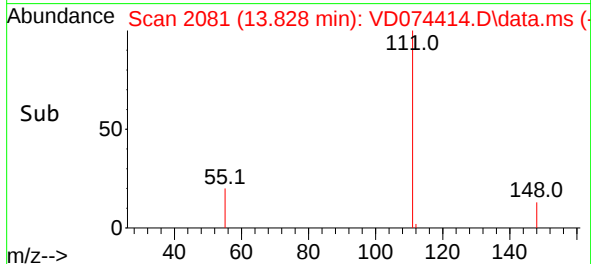
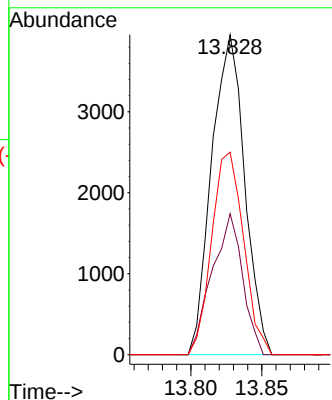
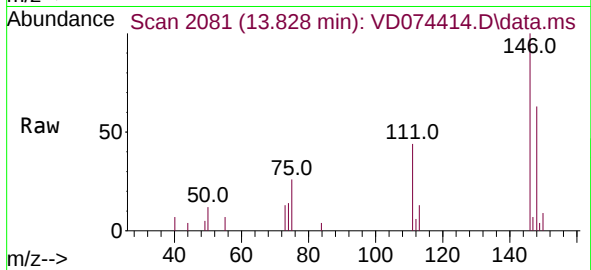
Tgt Ion:146 Resp: 6382

Ion Ratio Lower Upper

146 100

111 40.6 18.9 56.5

148 61.4 31.9 95.5



#93

1,2,4-Trichlorobenzene

Concen: 5.047 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. -0.000 min

Lab File: VD074414.D

Acq: 26 Sep 2022 11:09

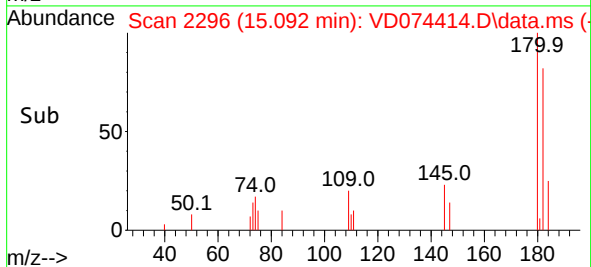
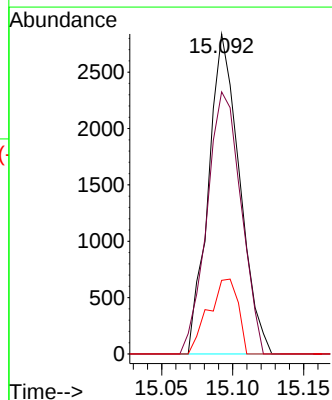
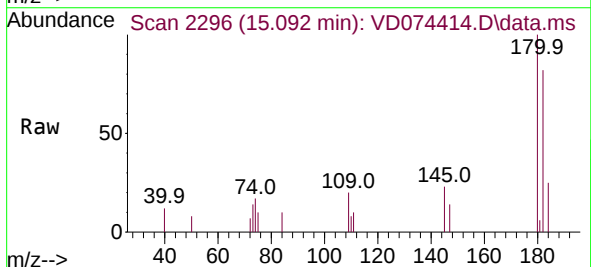
Tgt Ion:180 Resp: 4324

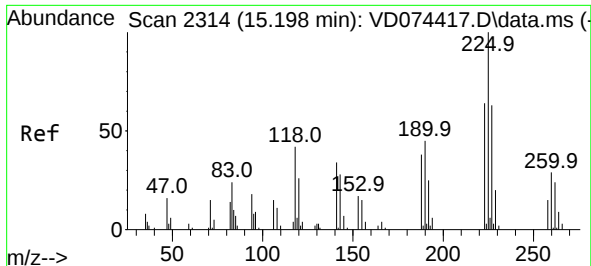
Ion Ratio Lower Upper

180 100

182 89.5 46.9 140.6

145 22.1 14.1 42.3

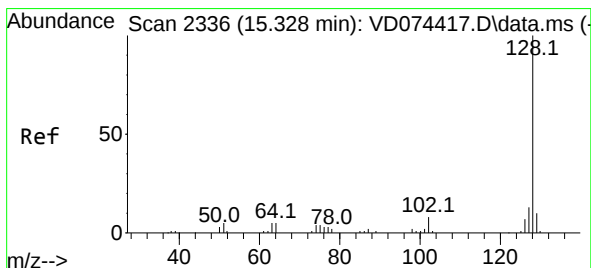
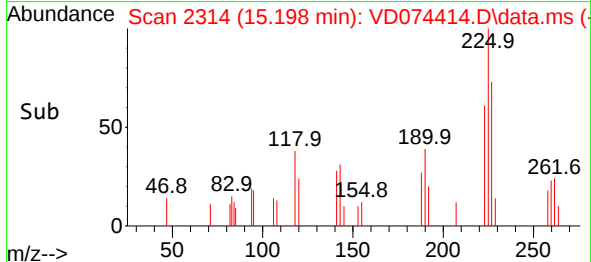
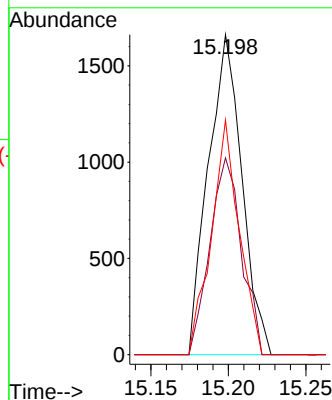
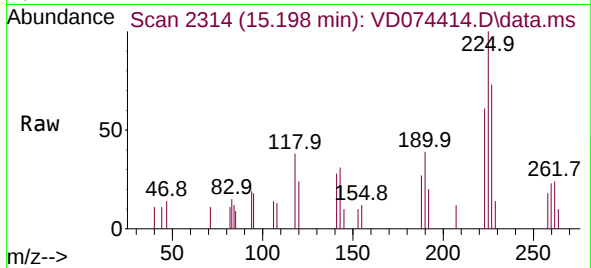




#94
Hexachlorobutadiene
Concen: 5.333 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

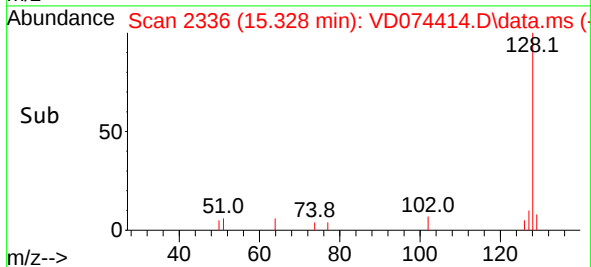
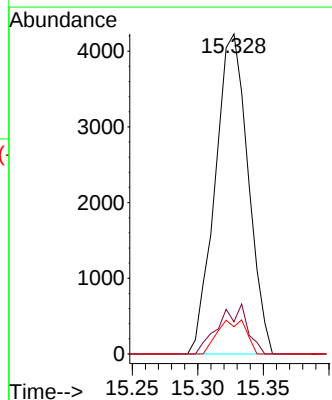
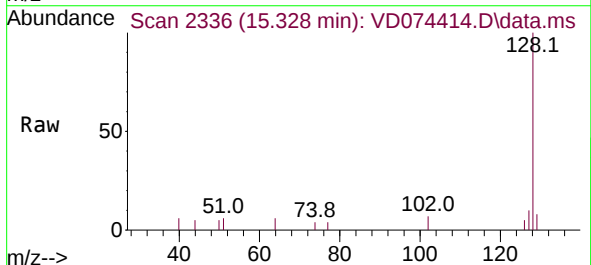
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

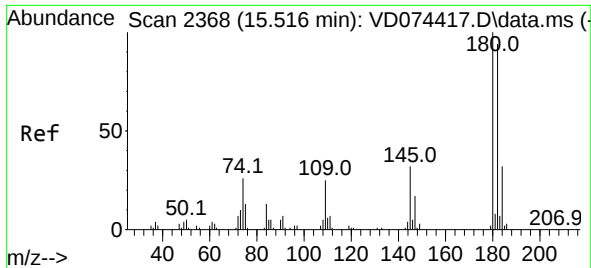
Tgt Ion:225 Resp: 2504
Ion Ratio Lower Upper
225 100
223 57.9 31.9 95.5
227 60.7 32.6 97.8



#95
Naphthalene
Concen: 4.740 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074414.D
Acq: 26 Sep 2022 11:09

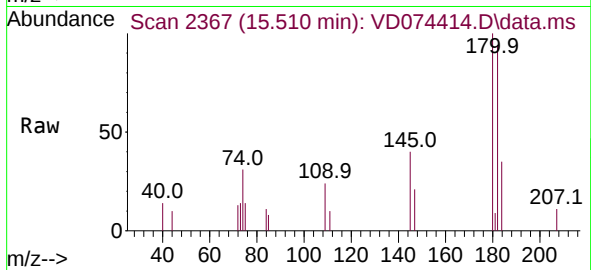
Tgt Ion:128 Resp: 7395
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 9.2 8.3 12.5





#96
 1,2,3-Trichlorobenzene
 Concen: 4.828 ug/l
 RT: 15.510 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD074414.D
 Acq: 26 Sep 2022 11:09

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	3547
Ion	Ratio	Lower	Upper
180	100		
182	97.7	46.7	140.1
145	31.8	14.9	44.7

