

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075610.D
 Acq On : 10 Apr 2023 16:28
 Operator : KP/SY
 Sample : VSTDIC005
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 11 18:26:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:25:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	359533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10631	6.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	13.120%#
35) Dibromofluoromethane	7.805	113	11973	5.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.360%#
50) Toluene-d8	10.269	98	42550	5.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	12.569	95	11893	3.099	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	6.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8979	6.435	ug/l	82
4) Vinyl Chloride	2.287	62	21880	6.441	ug/l	95
5) Bromomethane	2.699	94	18574	6.867	ug/l	98
6) Chloroethane	2.834	64	15646	6.566	ug/l	97
7) Trichlorofluoromethane	3.175	101	18448	6.366	ug/l	94
8) Diethyl Ether	3.587	74	4673	5.221	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.970	101	11668	6.117	ug/l	97
10) Methyl Iodide	4.164	142	9720	4.262	ug/l	93
11) Tert butyl alcohol	5.028	59	1089	Below Cal	#	100
12) 1,1-Dichloroethene	3.940	96	10358	5.658	ug/l	# 82
13) Acrolein	3.799	56	3778	8.746	ug/l	98
14) Allyl chloride	4.564	41	8878	5.373	ug/l	# 86
15) Acrylonitrile	5.252	53	8907	25.970	ug/l	95
16) Acetone	4.023	43	8455	28.639	ug/l	# 67
17) Carbon Disulfide	4.270	76	33898	7.154	ug/l	100
18) Methyl Acetate	4.558	43	5471	6.140	ug/l	# 79
19) Methyl tert-butyl Ether	5.322	73	18631	4.815	ug/l	92
20) Methylene Chloride	4.805	84	26288	1.450	ug/l	# 65
21) trans-1,2-Dichloroethene	5.305	96	11246	5.204	ug/l	# 77
22) Diisopropyl ether	6.211	45	18243	4.501	ug/l	# 79
23) Vinyl Acetate	6.164	43	45358	23.843	ug/l	# 82
24) 1,1-Dichloroethane	6.105	63	18699	5.587	ug/l	96
25) 2-Butanone	7.081	43	10870	28.371	ug/l	# 62
26) 2,2-Dichloropropane	7.069	77	18822	6.130	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	12969	5.097	ug/l	86
28) Bromochloromethane	7.422	49	6847	5.987	ug/l	# 67
29) Tetrahydrofuran	7.446	42	5563	27.419	ug/l	# 57
30) Chloroform	7.593	83	21471	5.639	ug/l	100
31) Cyclohexane	7.869	56	15456	6.557	ug/l	# 48
32) 1,1,1-Trichloroethane	7.793	97	17334	5.470	ug/l	96
36) 1,1-Dichloropropene	8.005	75	15288	5.681	ug/l	96
37) Ethyl Acetate	7.164	43	4581	5.662	ug/l	# 85
38) Carbon Tetrachloride	7.993	117	14363	5.566	ug/l	92
39) Methylcyclohexane	9.275	83	16059	5.012	ug/l	# 85
40) Benzene	8.246	78	47670	5.498	ug/l	100
41) Methacrylonitrile	7.399	41	1989	4.489	ug/l	# 54

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.322	62	11920	5.916	ug/l	93
43) Isopropyl Acetate	8.358	43	8295	5.371	ug/l #	73
44) Trichloroethene	9.022	130	13338	5.252	ug/l	87
45) 1,2-Dichloropropane	9.305	63	10099	4.993	ug/l	97
46) Dibromomethane	9.399	93	7220	5.749	ug/l	96
47) Bromodichloromethane	9.581	83	16141	5.314	ug/l	92
48) Methyl methacrylate	9.375	41	3117	4.453	ug/l #	65
49) 1,4-Dioxane	9.387	88	1260	110.673	ug/l #	43
51) 4-Methyl-2-Pentanone	10.157	43	19265	23.171	ug/l #	84
52) Toluene	10.334	92	25997	4.439	ug/l	90
53) t-1,3-Dichloropropene	10.557	75	13239	4.809	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	16496	4.928	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	9440	5.097	ug/l	96
56) Ethyl methacrylate	10.599	69	7579	4.246	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	13015	4.667	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	18363	21.276	ug/l #	85
59) 2-Hexanone	10.922	43	13462	22.984	ug/l	75
60) Dibromochloromethane	11.075	129	10947	4.950	ug/l	99
61) 1,2-Dibromoethane	11.181	107	8679	4.903	ug/l	95
64) Tetrachloroethene	10.810	164	10512	5.382	ug/l	91
65) Chlorobenzene	11.610	112	31491	4.996	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	11313	5.075	ug/l	94
67) Ethyl Benzene	11.687	91	47539	4.571	ug/l	96
68) m/p-Xylenes	11.793	106	37726	8.807	ug/l	93
69) o-Xylene	12.122	106	16808	5.147	ug/l	92
70) Styrene	12.140	104	28138	4.542	ug/l	93
71) Bromoform	12.299	173	6043	5.245	ug/l #	95
73) Isopropylbenzene	12.422	105	41495	4.665	ug/l	100
74) N-amyl acetate	12.234	43	6112	4.900	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.675	83	10696	6.429	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	10908	9.724	ug/l #	100
77) Bromobenzene	12.698	156	11298	5.032	ug/l	92
78) n-propylbenzene	12.763	91	52529	4.912	ug/l	99
79) 2-Chlorotoluene	12.851	91	30025	5.076	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	32140	4.412	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	2488	5.083	ug/l #	74
82) 4-Chlorotoluene	12.951	91	31173	5.081	ug/l	91
83) tert-Butylbenzene	13.169	119	28720	4.541	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	33254	4.521	ug/l	94
85) sec-Butylbenzene	13.346	105	45384	4.696	ug/l	100
86) p-Isopropyltoluene	13.463	119	35237	4.337	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	23284	4.967	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	25099	5.413	ug/l	97
89) n-Butylbenzene	13.787	91	35320	4.781	ug/l	98
90) Hexachloroethane	14.057	117	9032	5.877	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	21158	5.236	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1154	5.545	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	11159	5.207	ug/l	98
94) Hexachlorobutadiene	15.204	225	5802	5.715	ug/l	96
95) Naphthalene	15.334	128	19219	4.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	9278	4.886	ug/l	94

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ALS Vial : 2 Sample Multiplier: 1

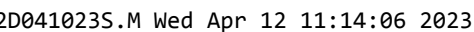
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MSVOA_D
ClientSampleId :
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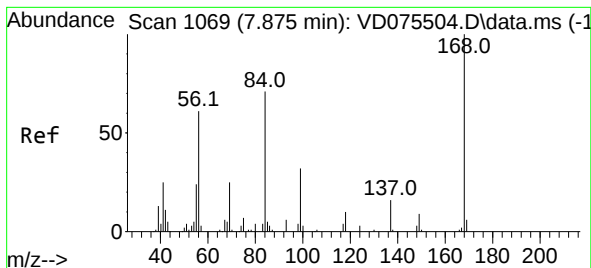
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Quant Title : SW846 8260
QLast Update : Tue Apr 11 18:25:32 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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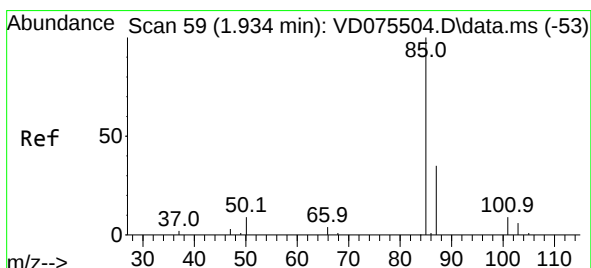
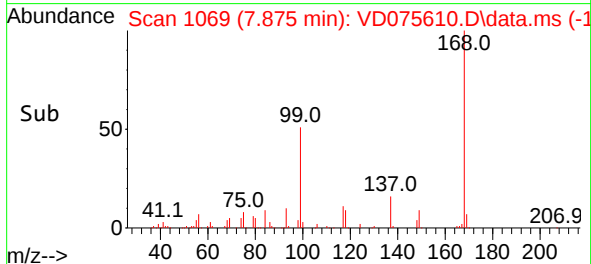
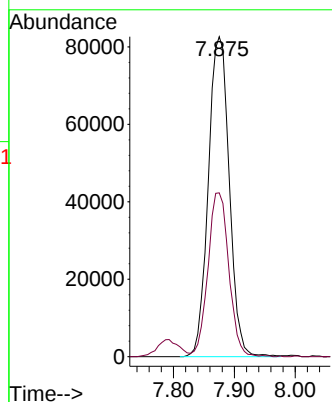
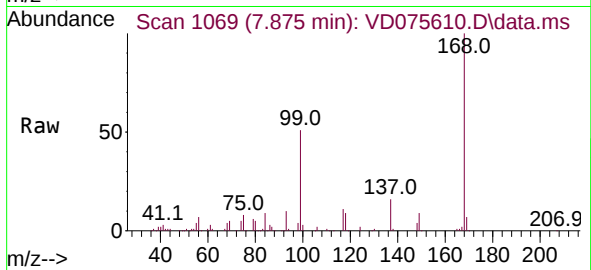




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

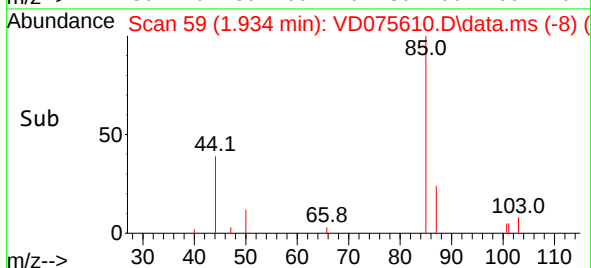
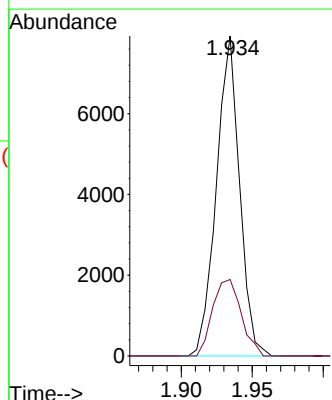
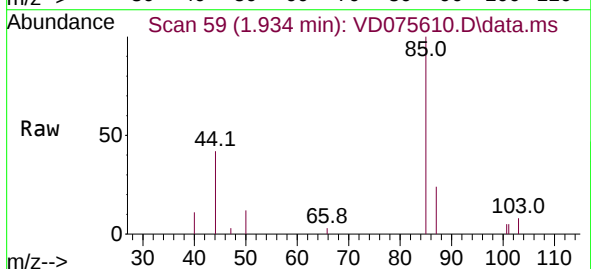
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

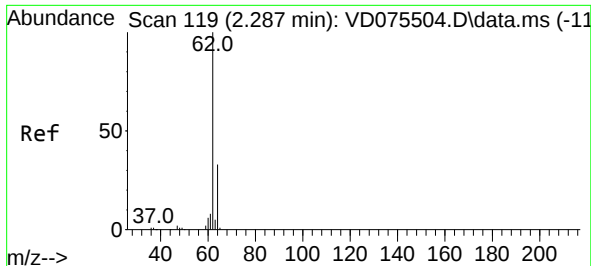
Tgt Ion:168 Resp: 197504
Ion Ratio Lower Upper
168 100
99 51.0 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 6.435 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 85 Resp: 8979
Ion Ratio Lower Upper
85 100
87 23.9 17.3 51.7

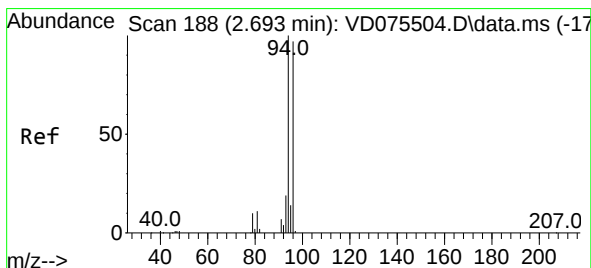
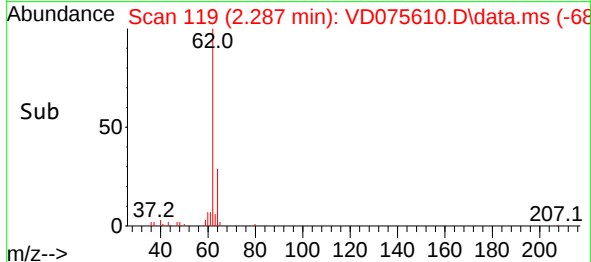
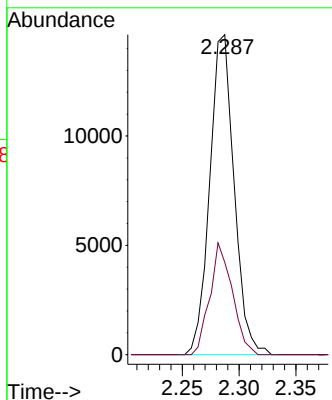
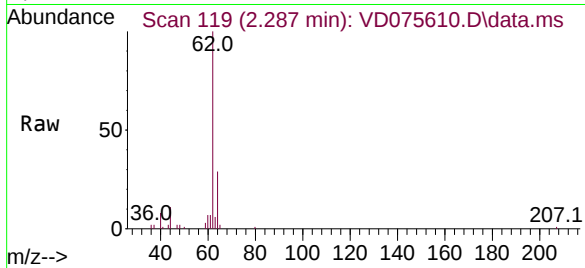




#4
Vinyl Chloride
Concen: 6.441 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

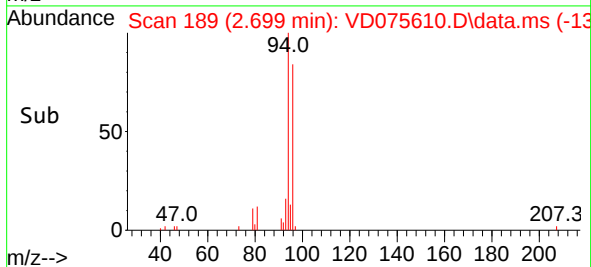
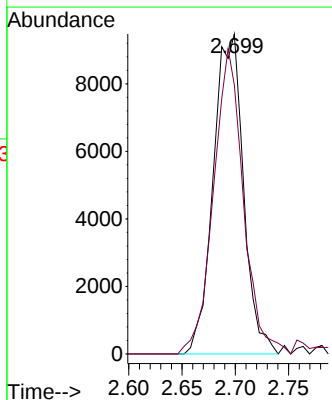
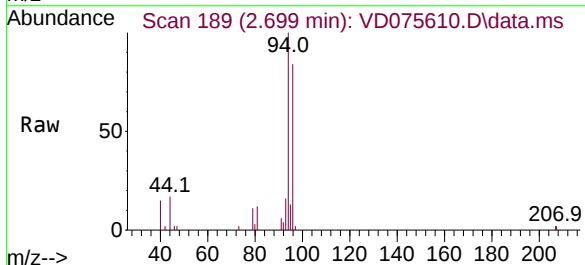
Instrument :
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ClientSampleId :
VSTDICC005

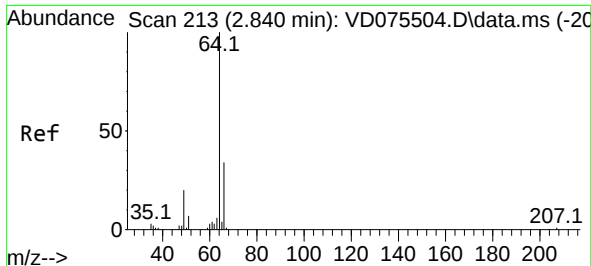
Tgt Ion: 62 Resp: 21880
Ion Ratio Lower Upper
62 100
64 28.8 25.4 38.0



#5
Bromomethane
Concen: 6.867 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 94 Resp: 18574
Ion Ratio Lower Upper
94 100
96 94.6 77.5 116.3

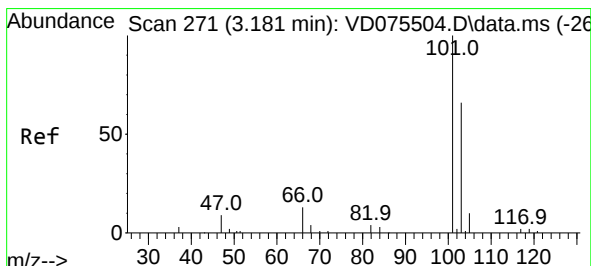
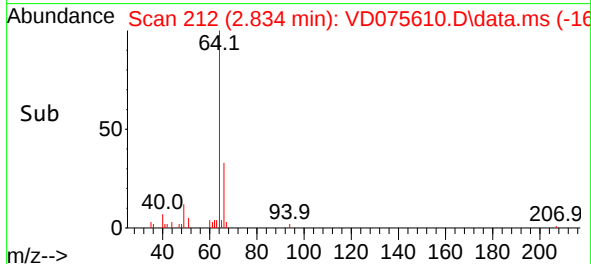
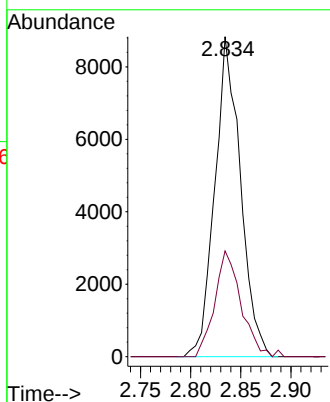
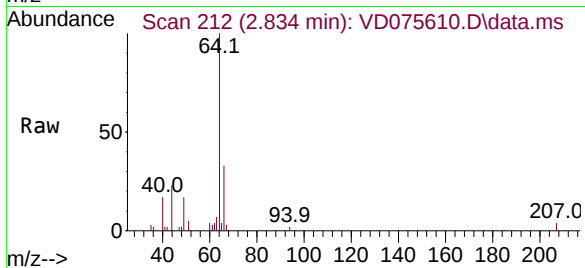




#6
Chloroethane
Concen: 6.566 ug/l
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

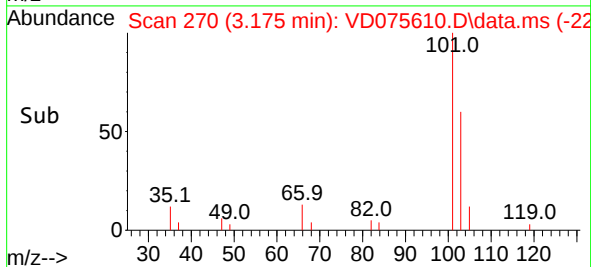
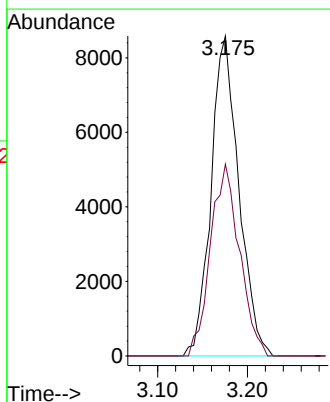
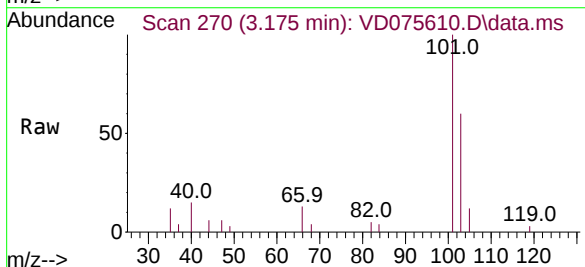
Instrument :
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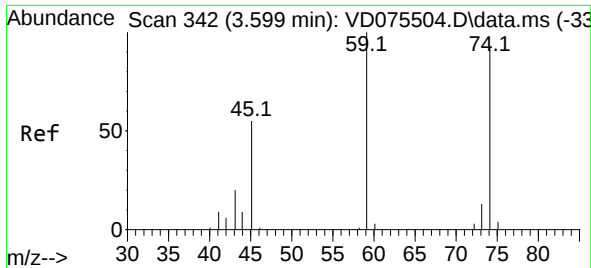
Tgt Ion: 64 Resp: 15646
Ion Ratio Lower Upper
64 100
66 33.0 27.7 41.5



#7
Trichlorofluoromethane
Concen: 6.366 ug/l
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 101 Resp: 18448
Ion Ratio Lower Upper
101 100
103 59.9 51.9 77.9

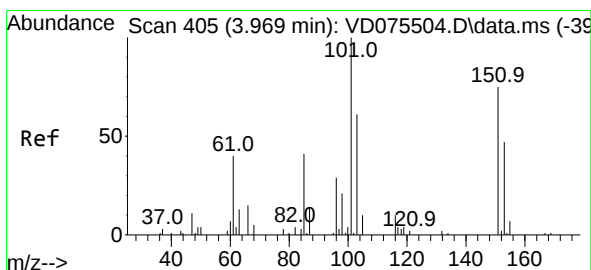
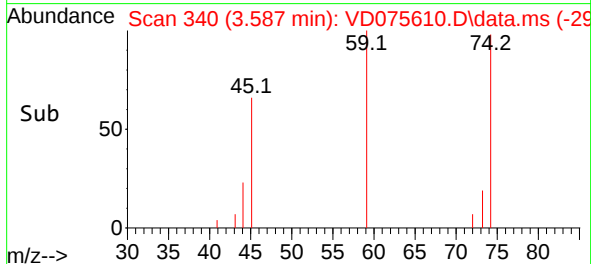
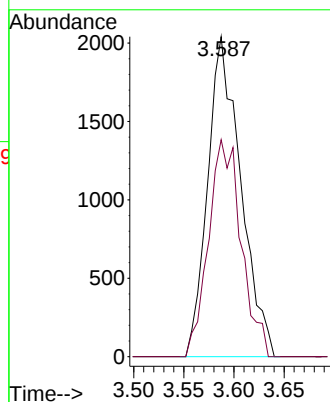
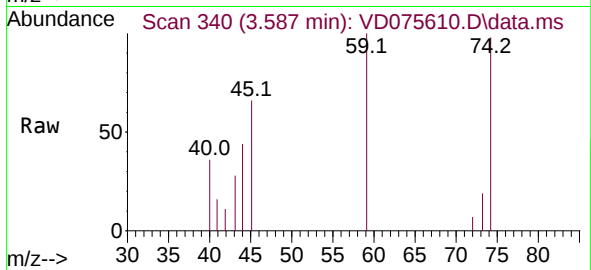




#8
Diethyl Ether
Concen: 5.221 ug/l
RT: 3.587 min Scan# 34
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

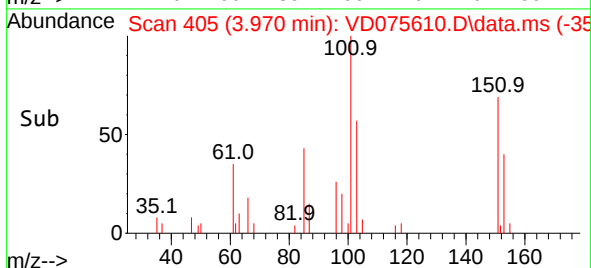
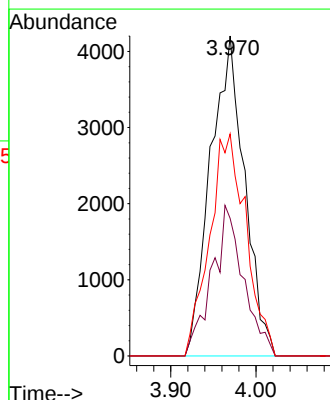
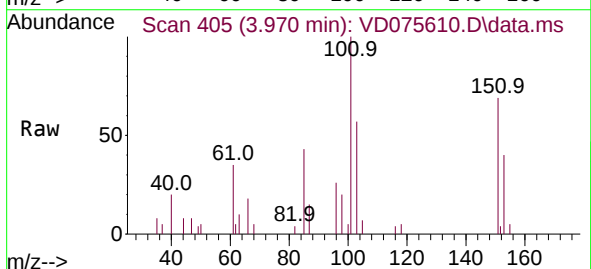
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

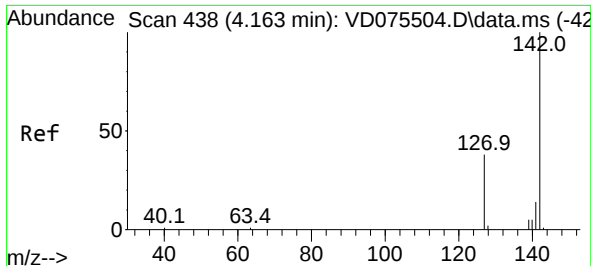
Tgt Ion: 74 Resp: 4673
Ion Ratio Lower Upper
74 100
45 66.9 50.9 152.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.117 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

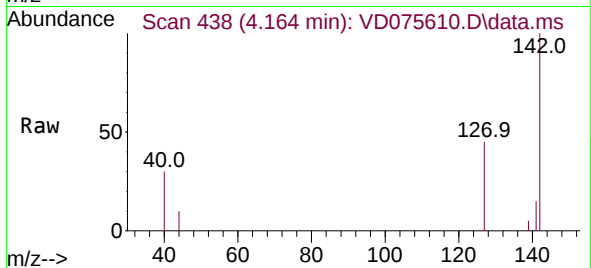
Tgt Ion: 101 Resp: 11668
Ion Ratio Lower Upper
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85 43.5 38.3 57.5
151 74.3 60.4 90.6



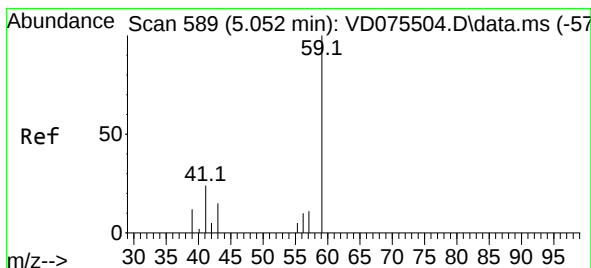
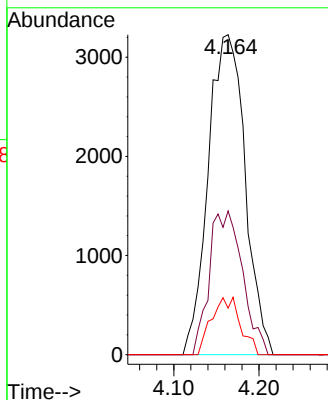
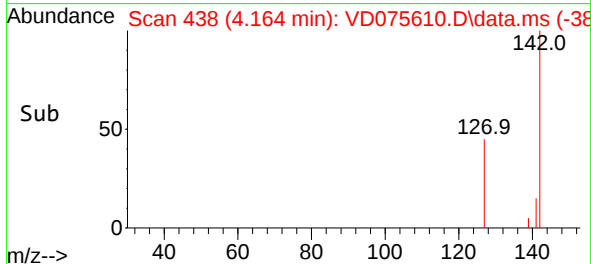


#10
Methyl Iodide
Concen: 4.262 ug/l
RT: 4.164 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

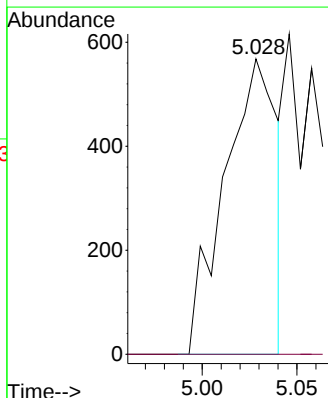
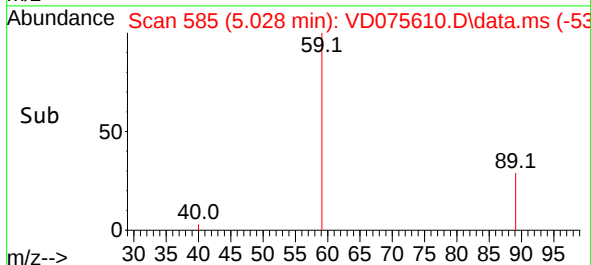
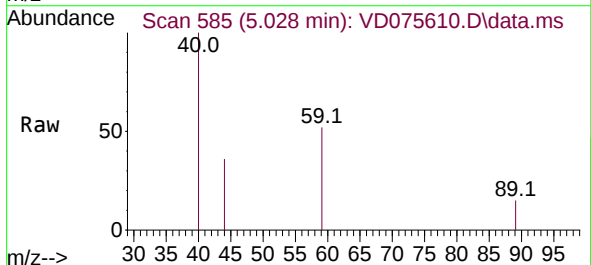


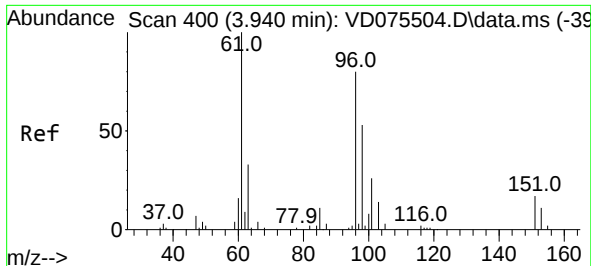
Tgt Ion:142 Resp: 9720
Ion Ratio Lower Upper
142 100
127 40.3 37.1 55.7
141 14.0 11.3 16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 585
Delta R.T. -0.030 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 59 Resp: 1089
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0





#12

1,1-Dichloroethene

Concen: 5.658 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

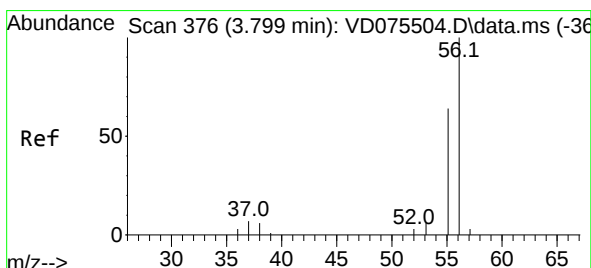
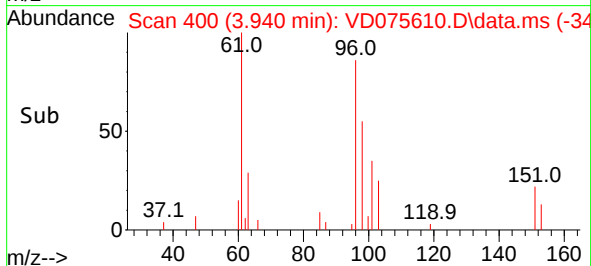
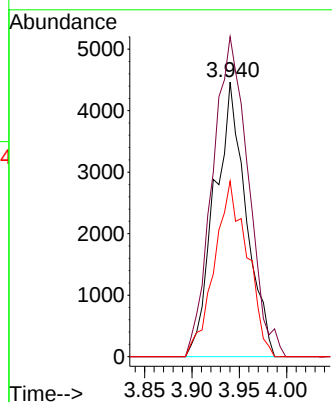
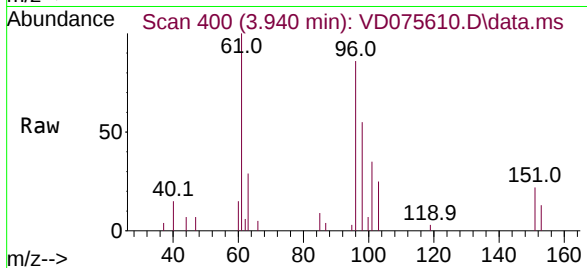
Tgt Ion: 96 Resp: 10358

Ion Ratio Lower Upper

96 100

61 116.5 118.6 177.8#

98 63.9 49.7 74.5



#13

Acrolein

Concen: 8.746 ug/l

RT: 3.799 min Scan# 376

Delta R.T. 0.006 min

Lab File: VD075610.D

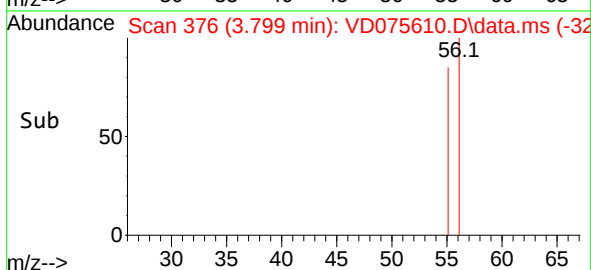
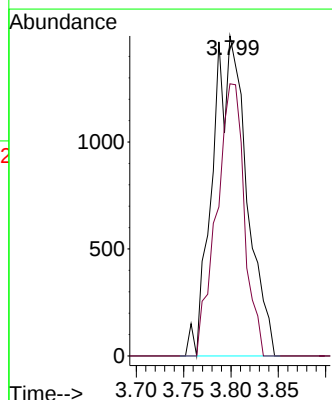
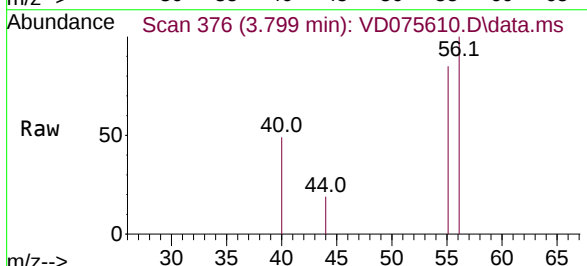
Acq: 10 Apr 2023 16:28

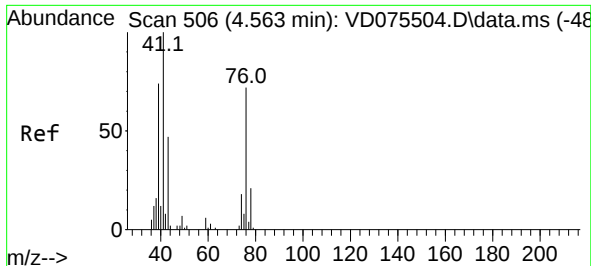
Tgt Ion: 56 Resp: 3778

Ion Ratio Lower Upper

56 100

55 68.6 53.9 80.9

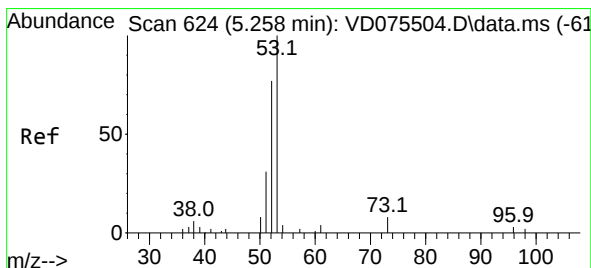
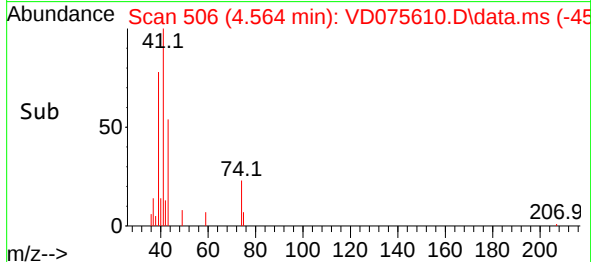
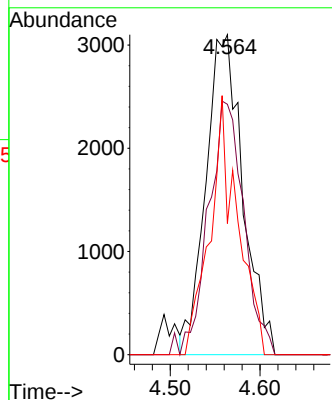
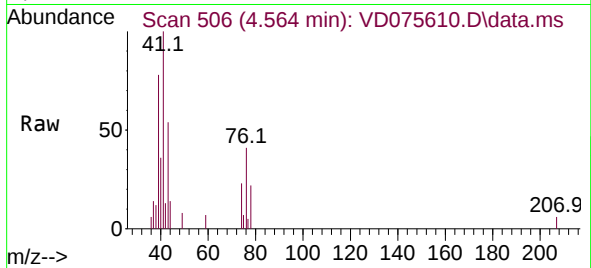




#14
 Allyl chloride
 Concen: 5.373 ug/l
 RT: 4.564 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

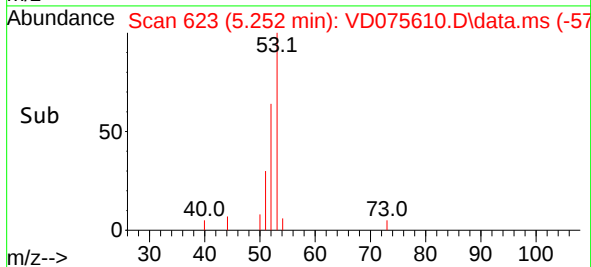
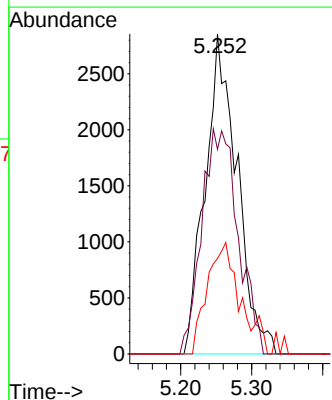
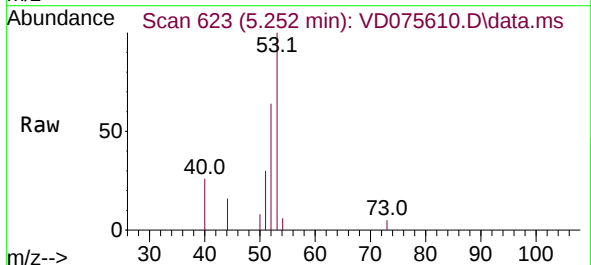
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

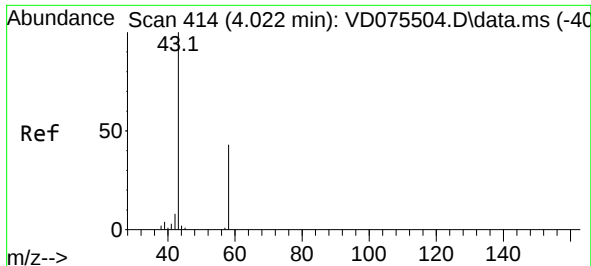
Tgt Ion: 41	Resp:	8878
Ion	Ratio	Lower Upper
41	100	
39	76.0	60.6 90.8
76	60.2	28.6 43.0



#15
 Acrylonitrile
 Concen: 25.970 ug/l
 RT: 5.252 min Scan# 623
 Delta R.T. 0.000 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

Tgt Ion: 53	Resp:	8907
Ion	Ratio	Lower Upper
53	100	
52	80.1	66.2 99.4
51	33.0	30.7 46.1

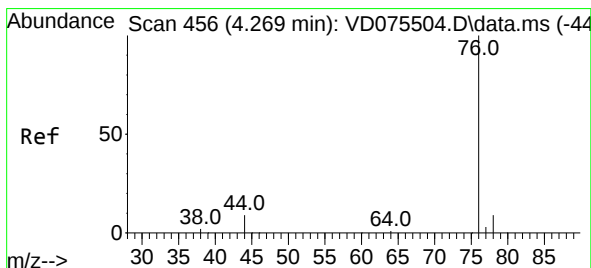
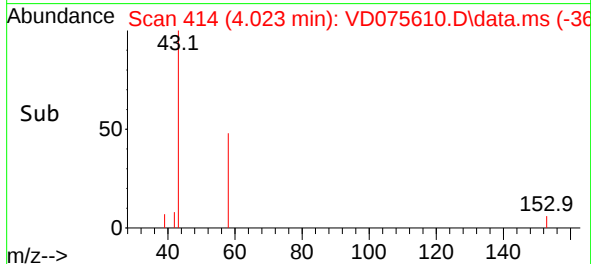
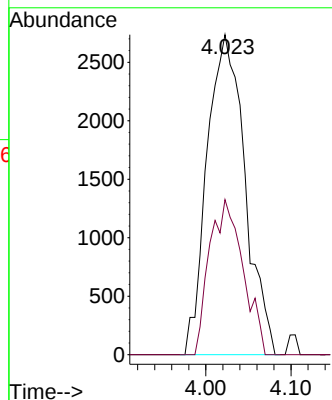
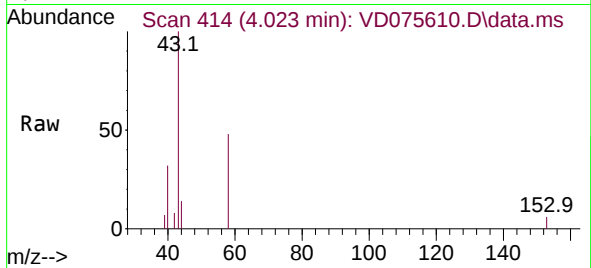




#16
Acetone
Concen: 28.639 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

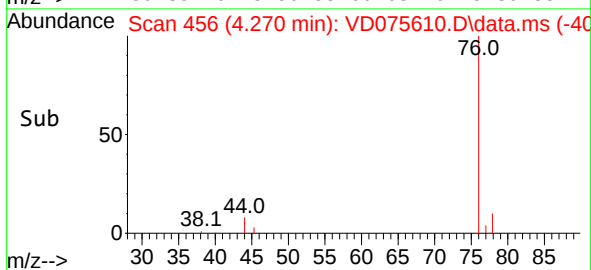
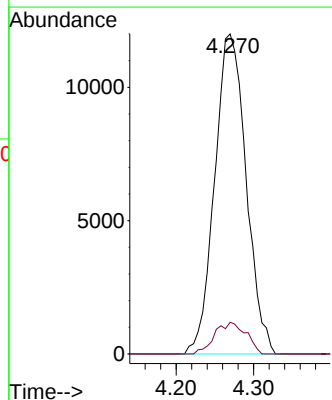
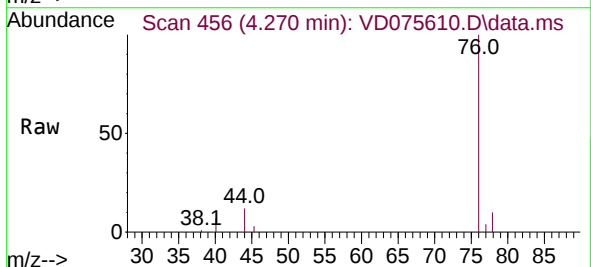
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

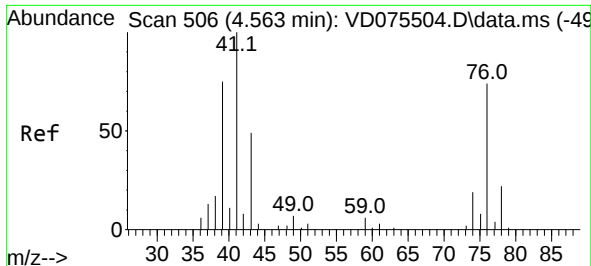
Tgt Ion: 43 Resp: 8455
Ion Ratio Lower Upper
43 100
58 48.4 24.4 36.6#



#17
Carbon Disulfide
Concen: 7.154 ug/l
RT: 4.270 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 76 Resp: 33898
Ion Ratio Lower Upper
76 100
78 9.9 8.0 12.0





#18

Methyl Acetate

Concen: 6.140 ug/l

RT: 4.558 min Scan# 506

Delta R.T. -0.011 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

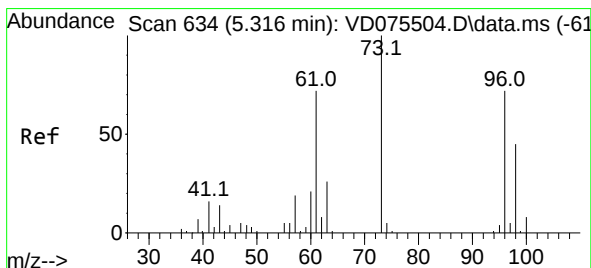
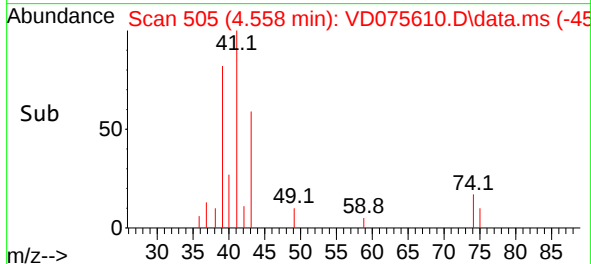
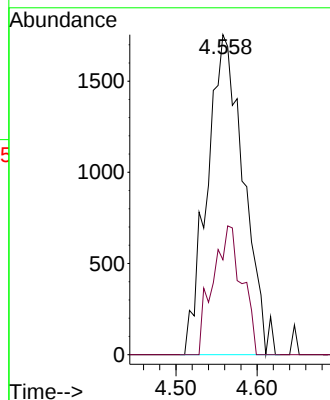
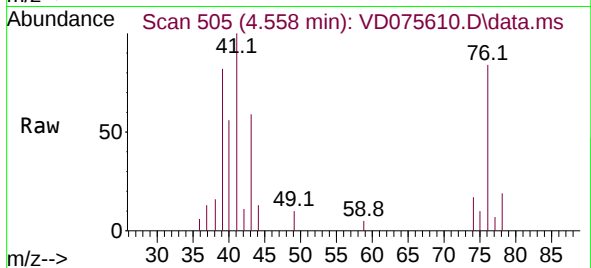
VSTDIC005

Tgt Ion: 43 Resp: 5471

Ion Ratio Lower Upper

43 100

74 32.1 17.8 26.6#



#19

Methyl tert-butyl Ether

Concen: 4.815 ug/l

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD075610.D

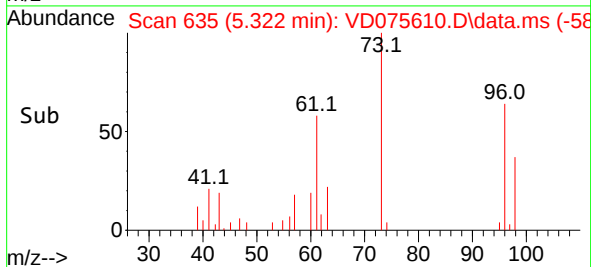
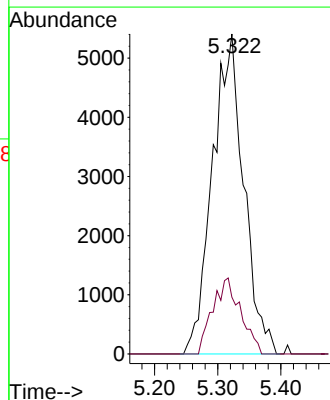
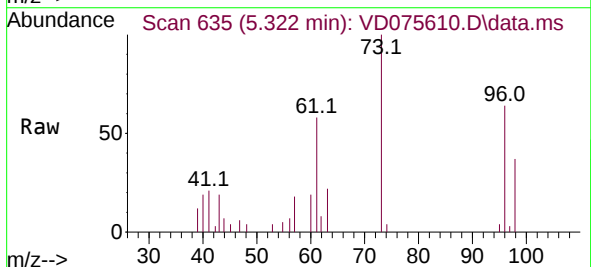
Acq: 10 Apr 2023 16:28

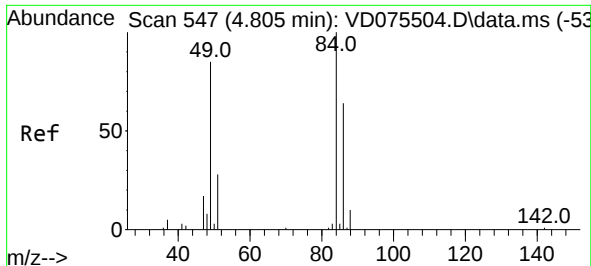
Tgt Ion: 73 Resp: 18631

Ion Ratio Lower Upper

73 100

57 17.7 17.2 25.8

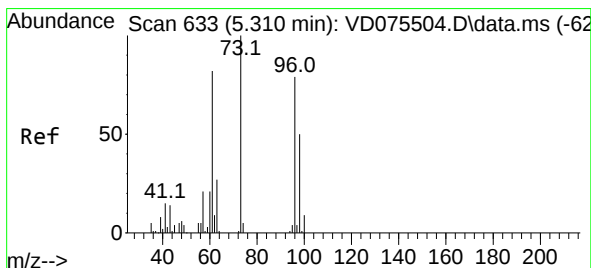
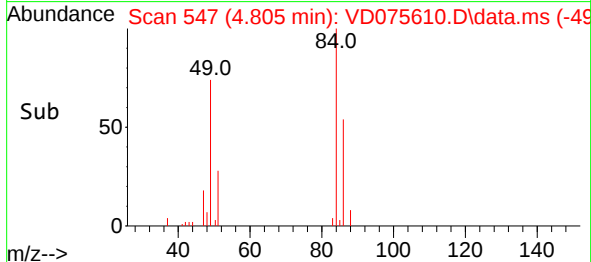
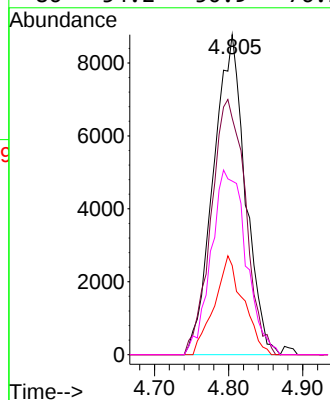
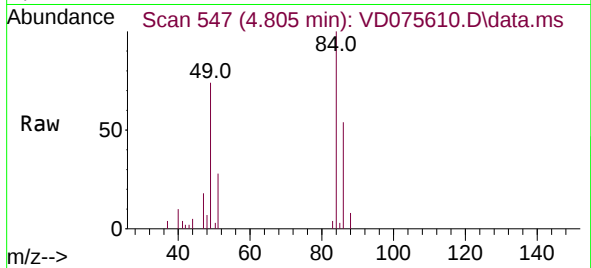




#20
Methylene Chloride
Concen: 1.450 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

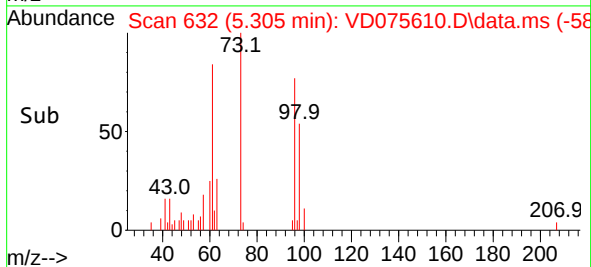
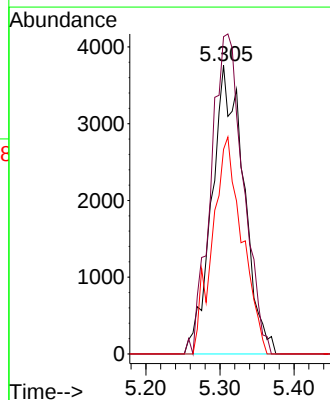
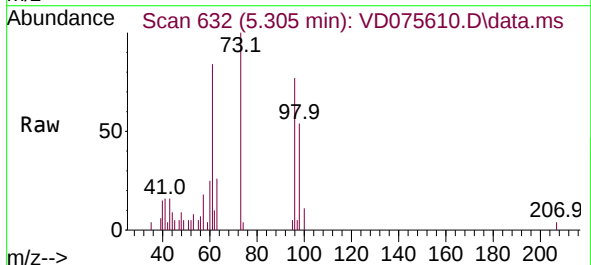
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

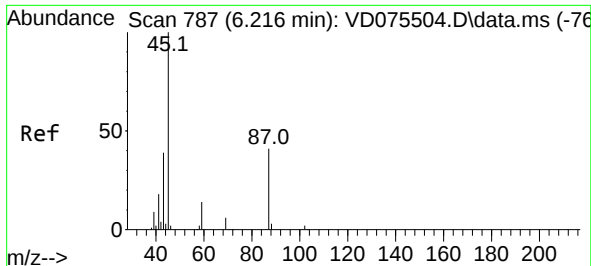
Tgt Ion:	84	Resp:	26288
Ion	Ratio	Lower	Upper
84	100		
49	73.9	106.4	159.6#
51	27.9	32.4	48.6#
86	54.2	50.9	76.3



#21
trans-1,2-Dichloroethene
Concen: 5.204 ug/l
RT: 5.305 min Scan# 632
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion:	96	Resp:	11246
Ion	Ratio	Lower	Upper
96	100		
61	109.9	117.2	175.8#
98	70.9	50.6	76.0





#22

Diisopropyl ether

Concen: 4.501 ug/l

RT: 6.211 min Scan# 778

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 45 Resp: 18243

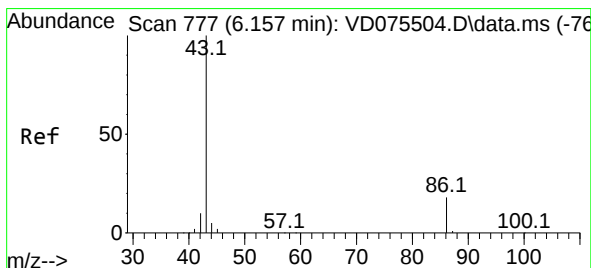
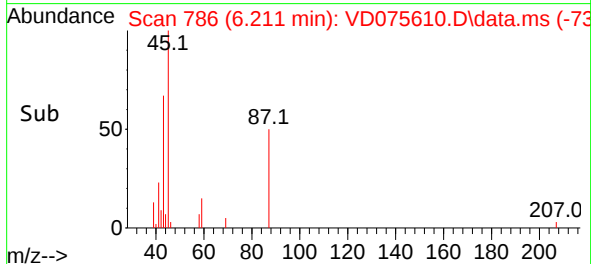
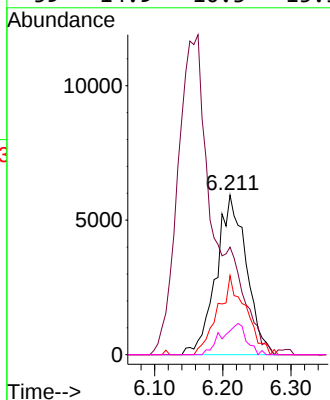
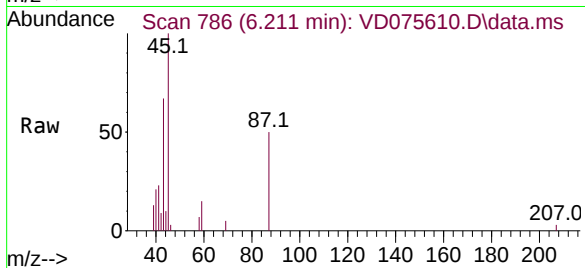
Ion Ratio Lower Upper

45 100

43 64.3 44.4 66.6

87 49.5 20.9 31.3#

59 14.9 10.3 15.5



#23

Vinyl Acetate

Concen: 23.843 ug/l

RT: 6.164 min Scan# 778

Delta R.T. 0.006 min

Lab File: VD075610.D

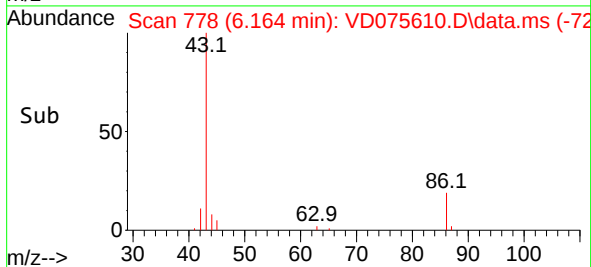
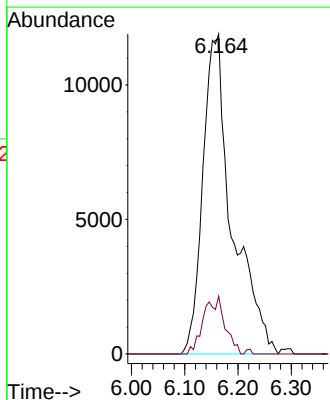
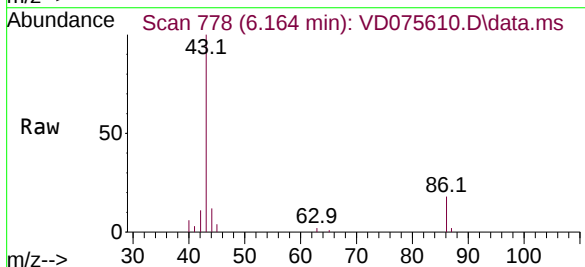
Acq: 10 Apr 2023 16:28

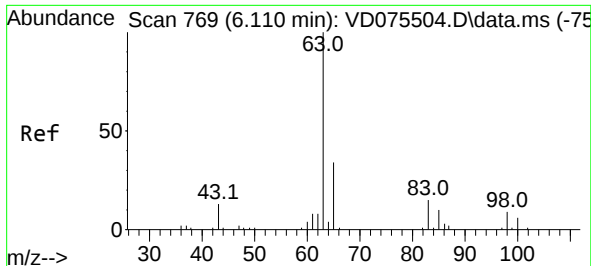
Tgt Ion: 43 Resp: 45358

Ion Ratio Lower Upper

43 100

86 18.1 9.0 13.6#





#24

1,1-Dichloroethane

Concen: 5.587 ug/l

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

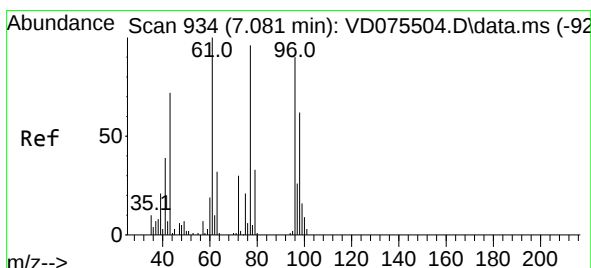
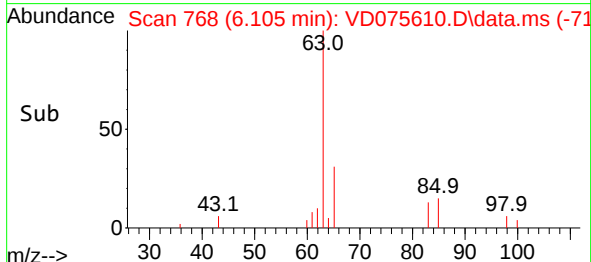
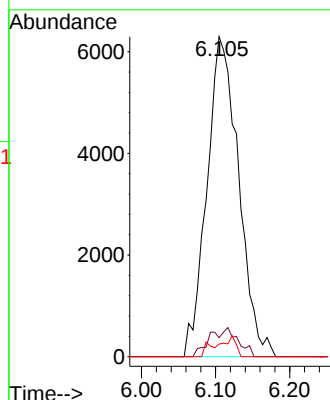
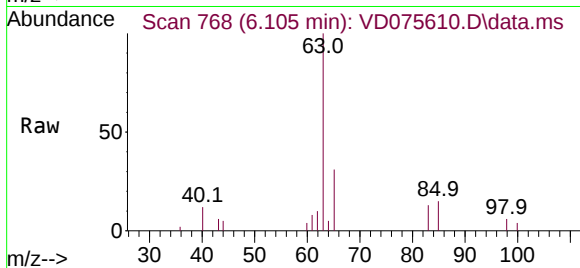
Tgt Ion: 63 Resp: 18699

Ion Ratio Lower Upper

63 100

98 6.0 3.9 11.7

100 3.9 2.0 6.0



#25

2-Butanone

Concen: 28.371 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075610.D

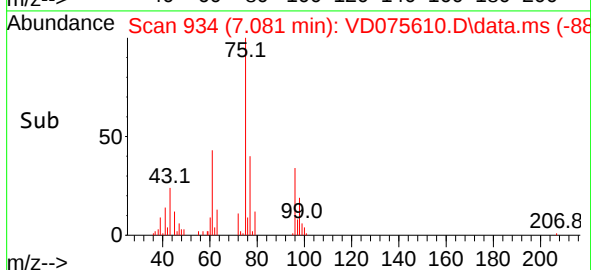
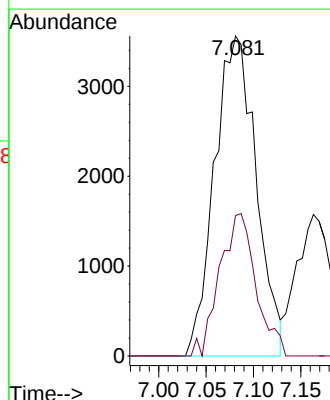
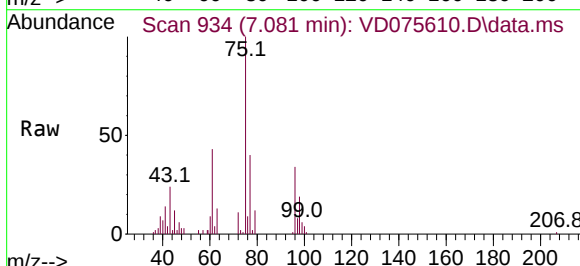
Acq: 10 Apr 2023 16:28

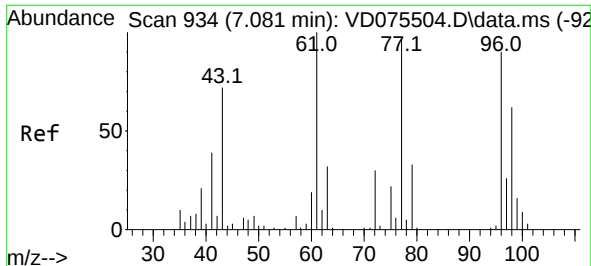
Tgt Ion: 43 Resp: 10870

Ion Ratio Lower Upper

43 100

72 43.9 19.8 29.8#

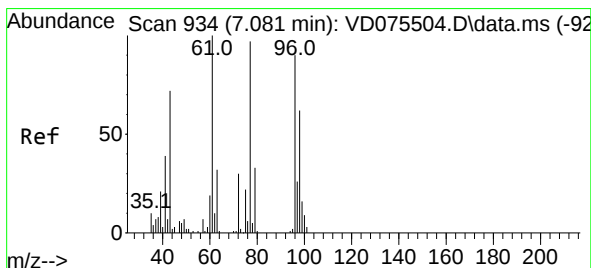
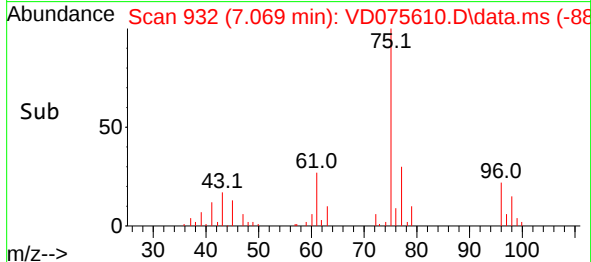
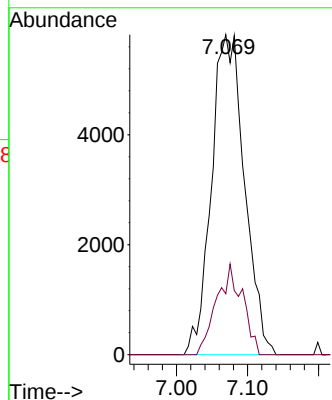
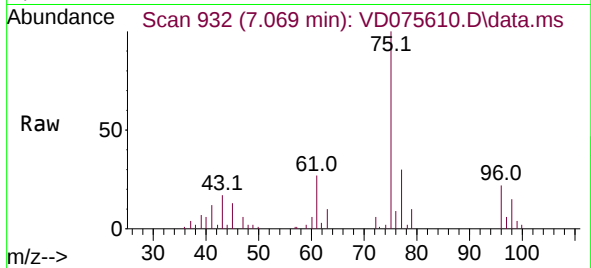




#26
2,2-Dichloropropane
Concen: 6.130 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

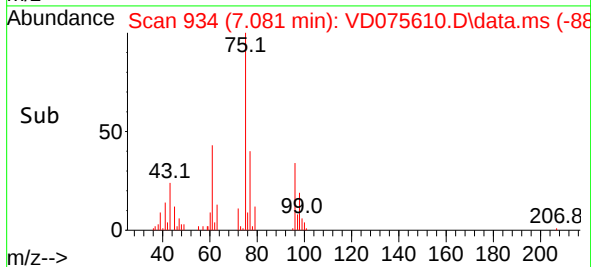
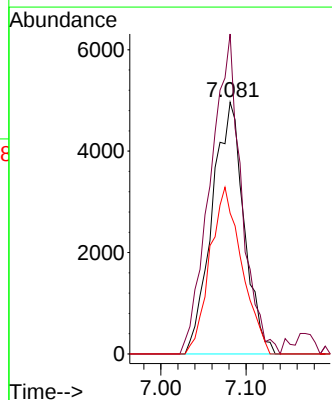
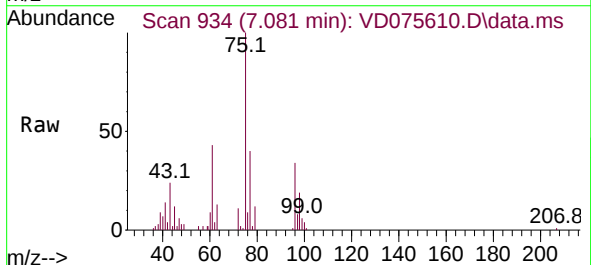
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

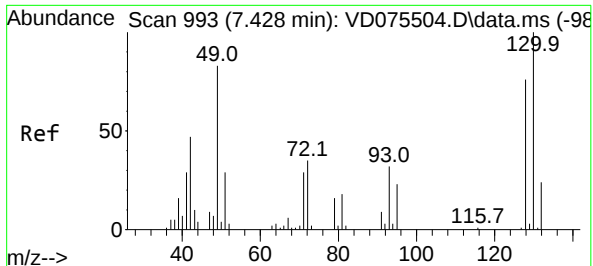
Tgt Ion: 77 Resp: 18822
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1



#27
cis-1,2-Dichloroethene
Concen: 5.097 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 96 Resp: 12969
Ion Ratio Lower Upper
96 100
61 123.8 0.0 295.2
98 66.0 0.0 129.2





#28

Bromochloromethane

Concen: 5.987 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

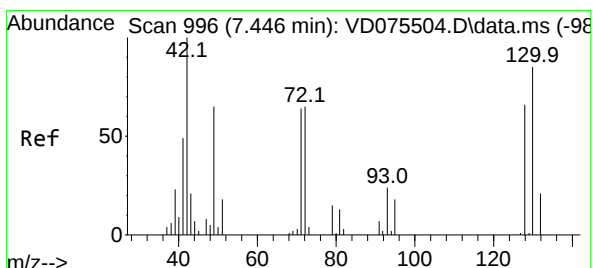
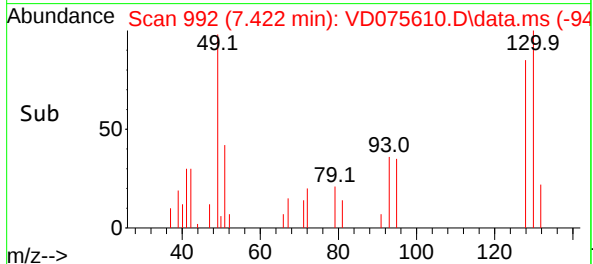
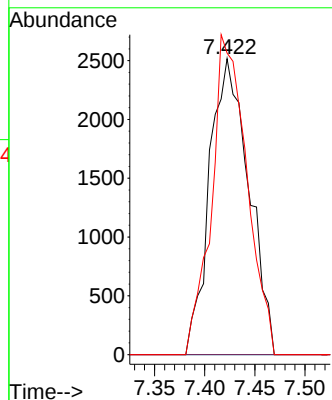
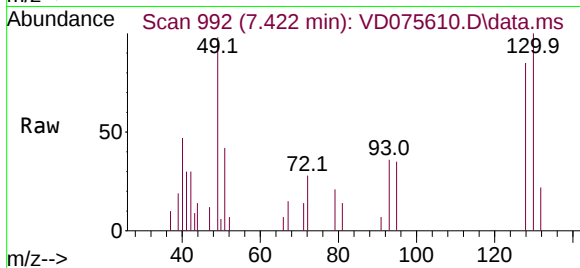
Tgt Ion: 49 Resp: 6847

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 97.1 56.0 84.0#



#29

Tetrahydrofuran

Concen: 27.419 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

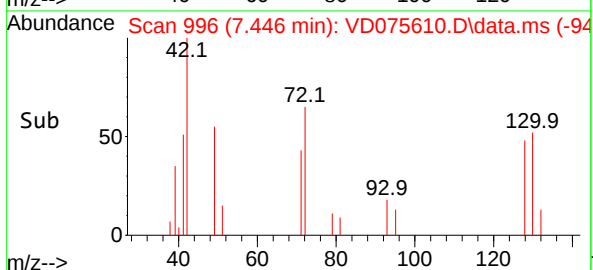
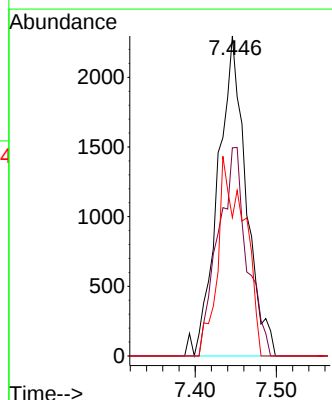
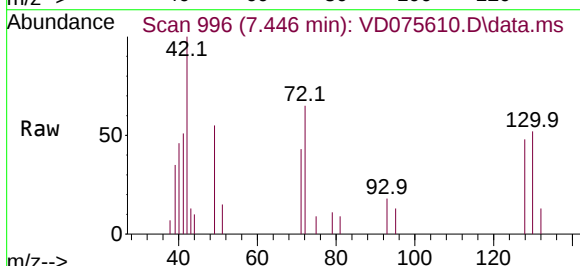
Tgt Ion: 42 Resp: 5563

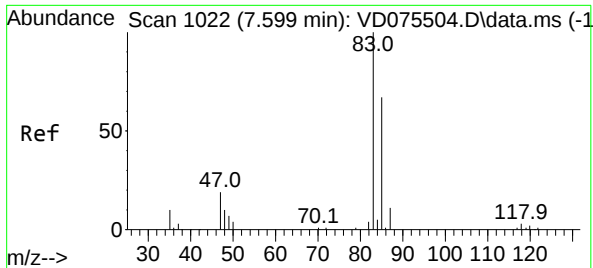
Ion Ratio Lower Upper

42 100

72 66.3 31.8 47.6#

71 58.7 27.6 41.4#





#30

Chloroform

Concen: 5.639 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

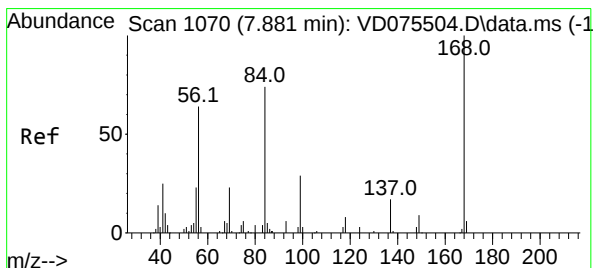
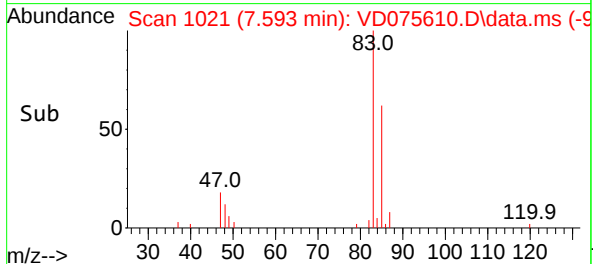
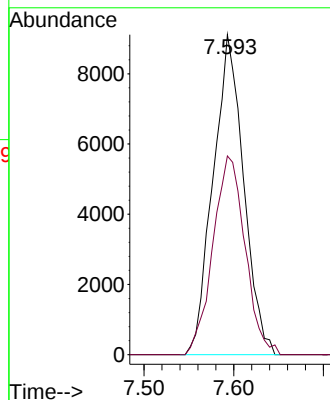
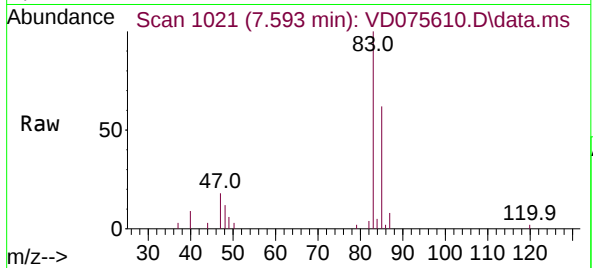
VSTDIC005

Tgt Ion: 83 Resp: 21471

Ion Ratio Lower Upper

83 100

85 62.1 49.4 74.2



#31

Cyclohexane

Concen: 6.557 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.012 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

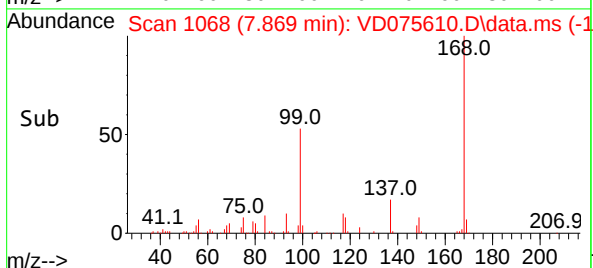
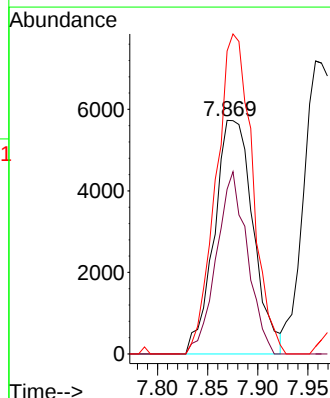
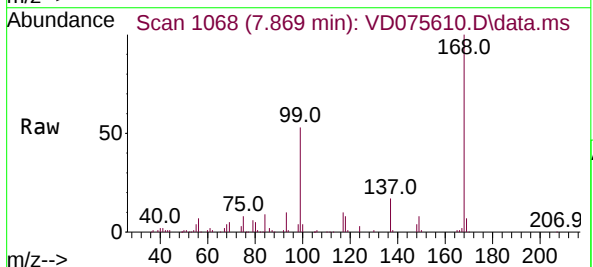
Tgt Ion: 56 Resp: 15456

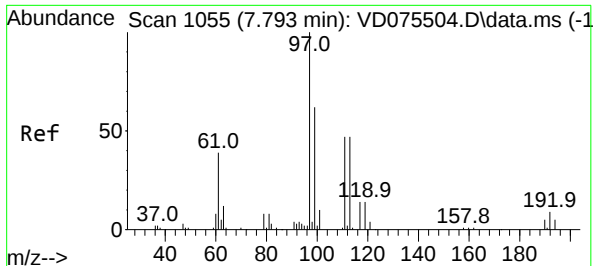
Ion Ratio Lower Upper

56 100

69 70.5 25.5 38.3#

84 129.7 69.6 104.4#





#32

1,1,1-Trichloroethane

Concen: 5.470 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

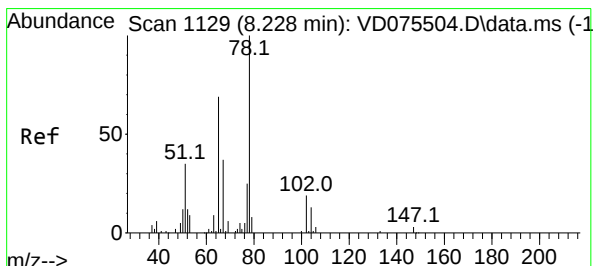
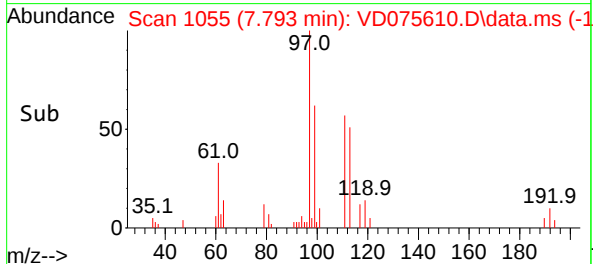
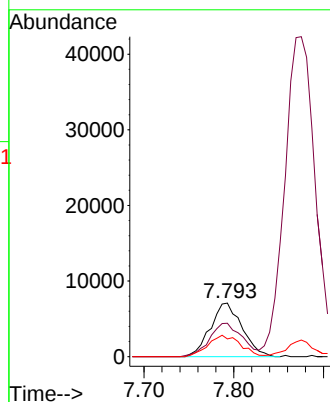
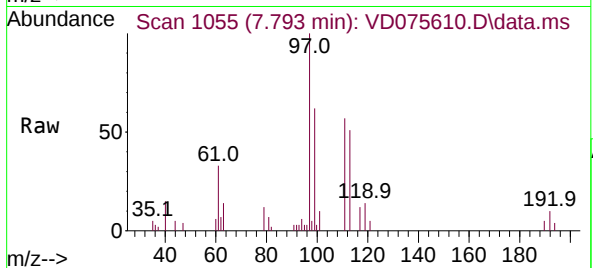
Tgt Ion: 97 Resp: 17334

Ion Ratio Lower Upper

97 100

99 64.8 50.5 75.7

61 41.0 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 6.561 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075610.D

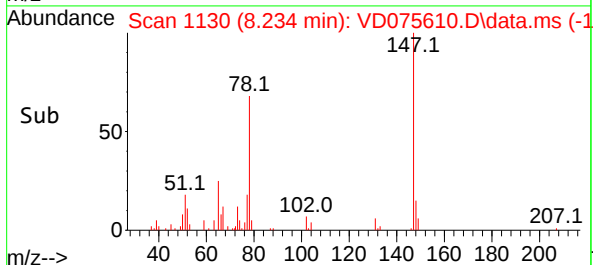
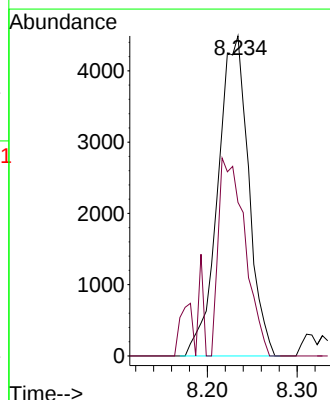
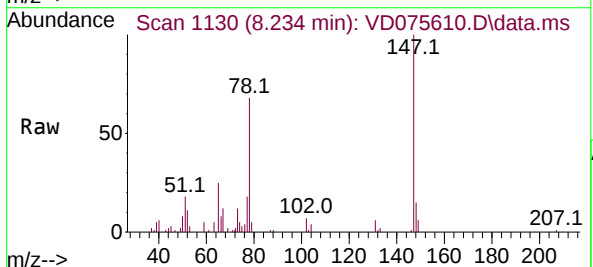
Acq: 10 Apr 2023 16:28

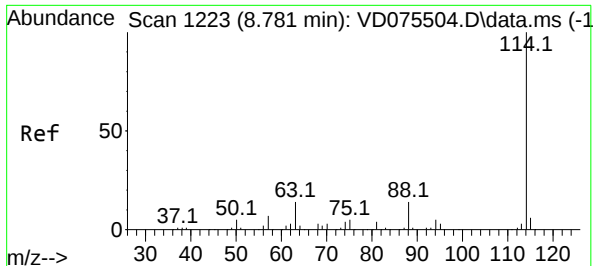
Tgt Ion: 65 Resp: 10631

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

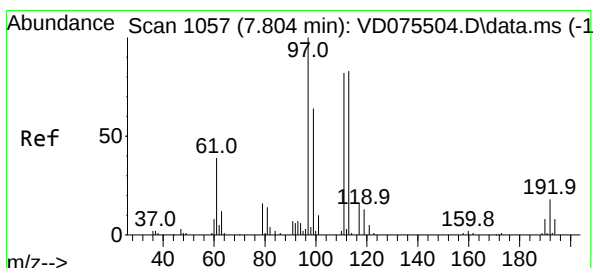
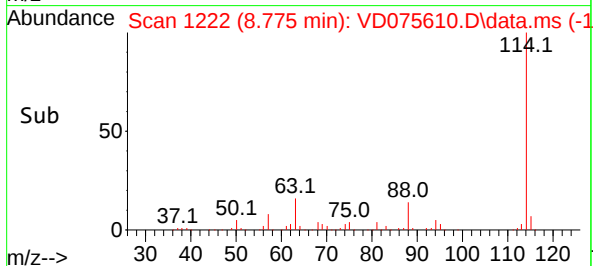
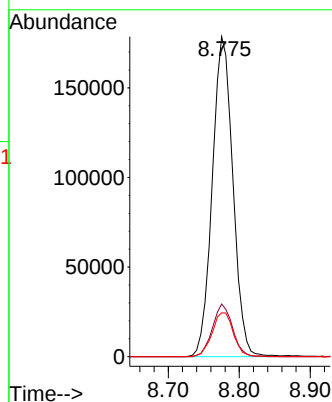
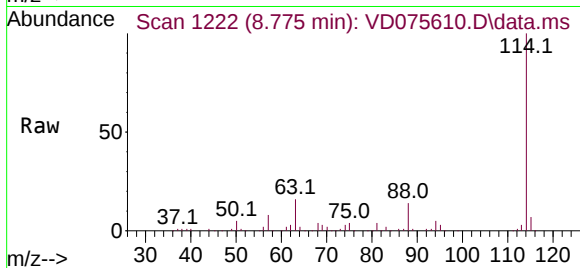
Tgt Ion:114 Resp: 359533

Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 5.682 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

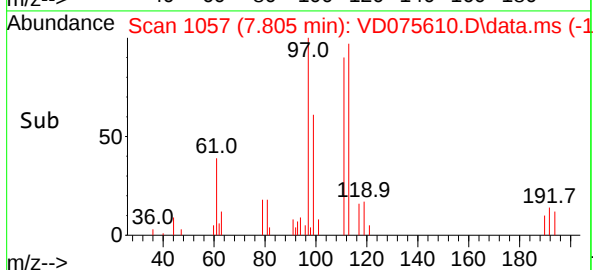
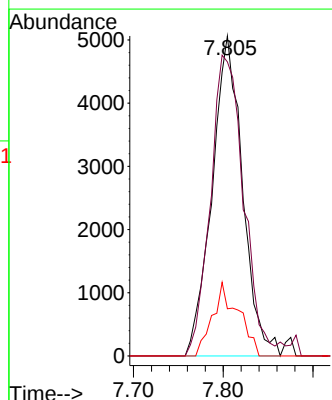
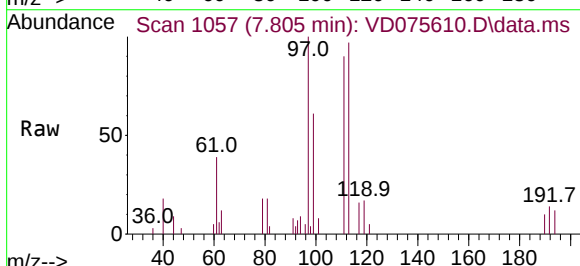
Tgt Ion:113 Resp: 11973

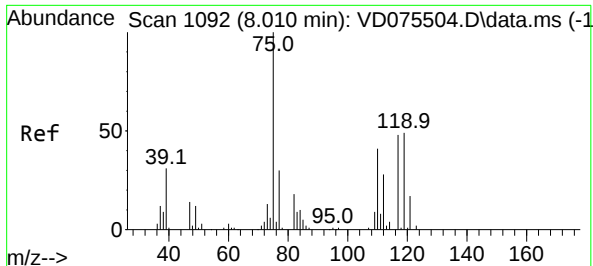
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 19.4 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.681 ug/l

RT: 8.005 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

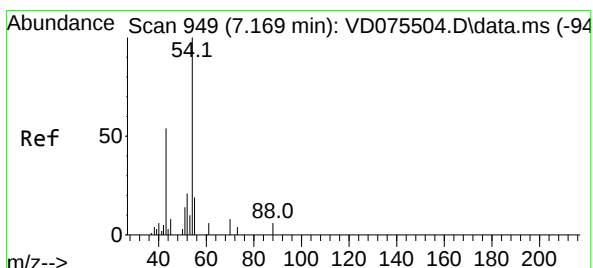
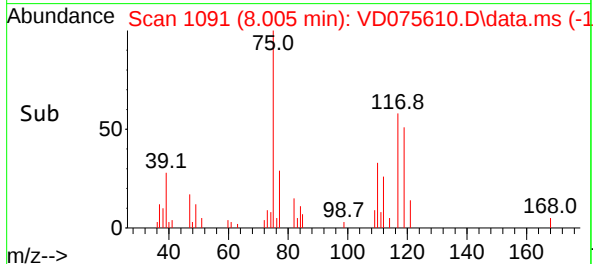
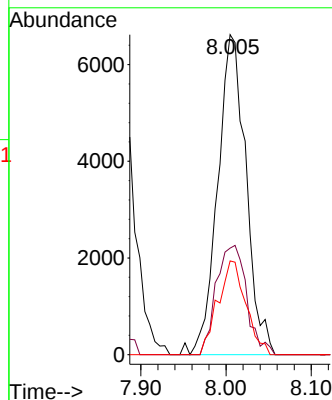
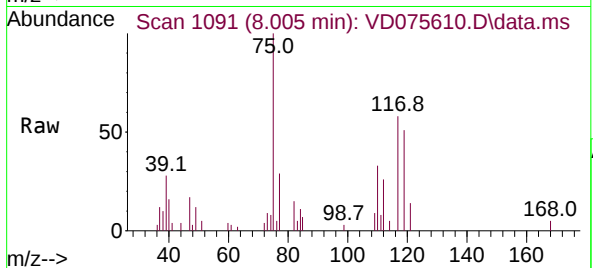
Tgt Ion: 75 Resp: 15288

Ion Ratio Lower Upper

75 100

110 36.5 17.1 51.2

77 28.9 24.6 36.8



#37

Ethyl Acetate

Concen: 5.662 ug/l

RT: 7.164 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

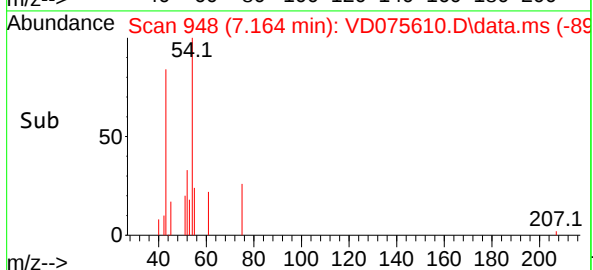
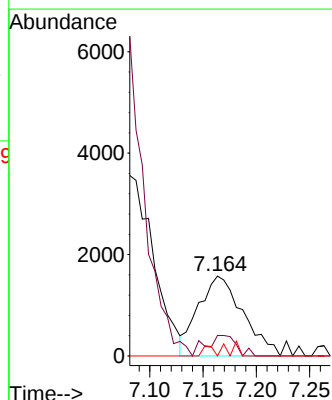
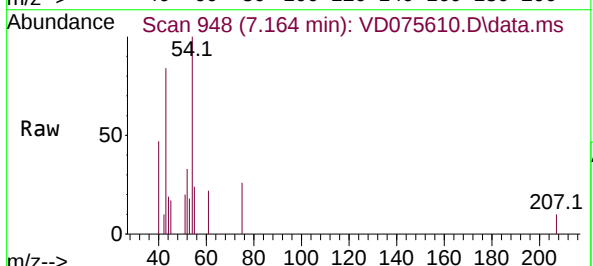
Tgt Ion: 43 Resp: 4581

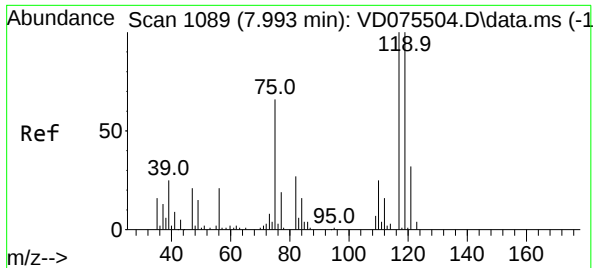
Ion Ratio Lower Upper

43 100

61 17.2 0.0 0.0#

70 1.8 5.6 8.4#

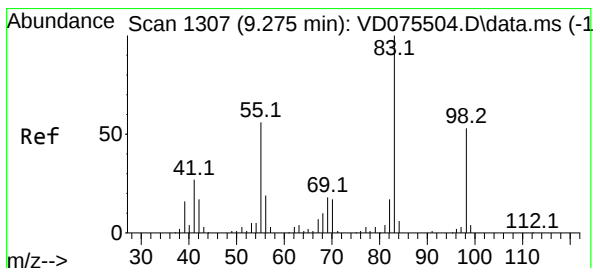
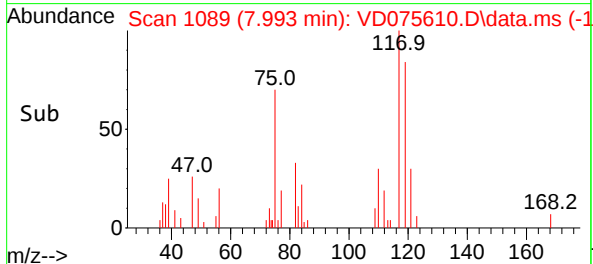
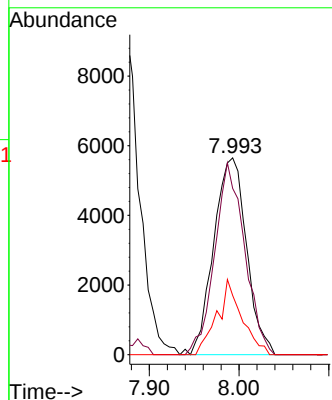
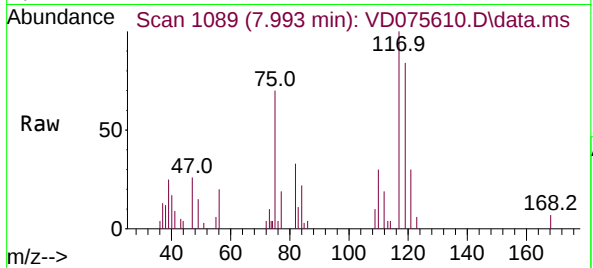




#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

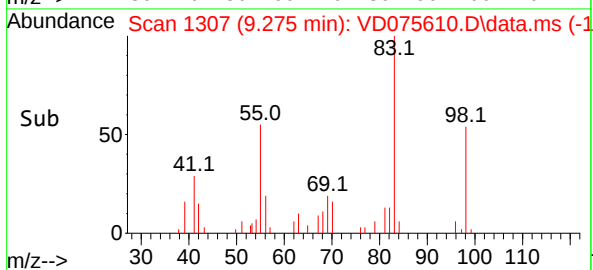
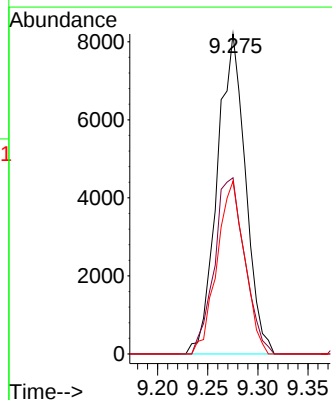
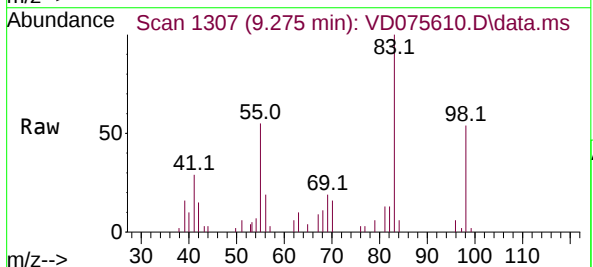
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

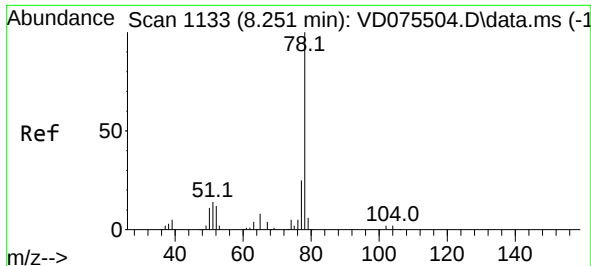
Tgt Ion: 117 Resp: 14363
Ion Ratio Lower Upper
117 100
119 84.5 74.7 112.1
121 30.1 25.9 38.9



#39
Methylcyclohexane
Concen: 5.012 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 83 Resp: 16059
Ion Ratio Lower Upper
83 100
55 55.1 56.8 85.2#
98 54.0 38.9 58.3

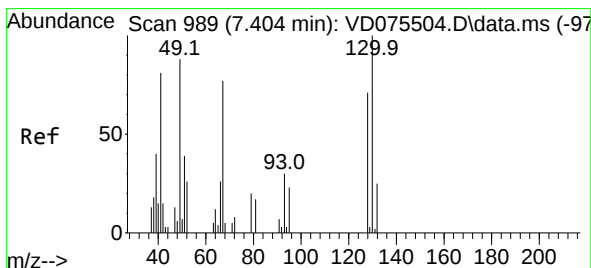
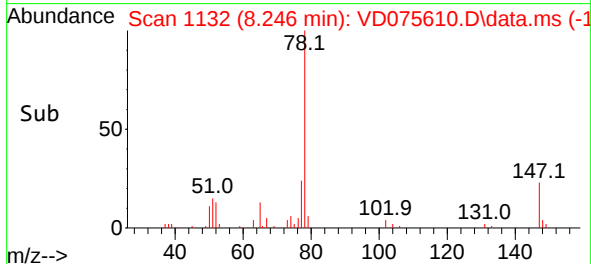
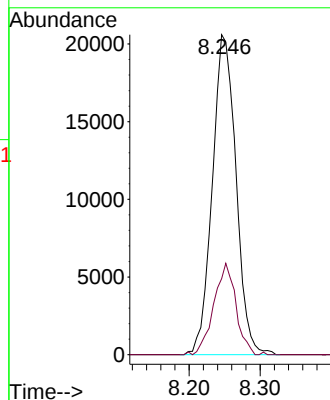
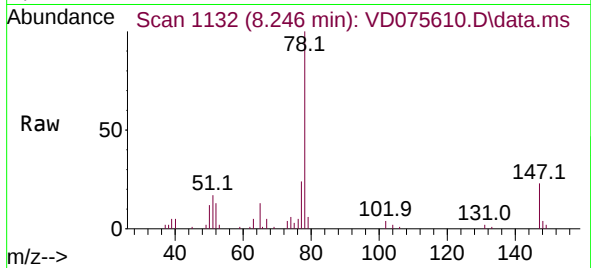




#40
Benzene
Concen: 5.498 ug/l
RT: 8.246 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

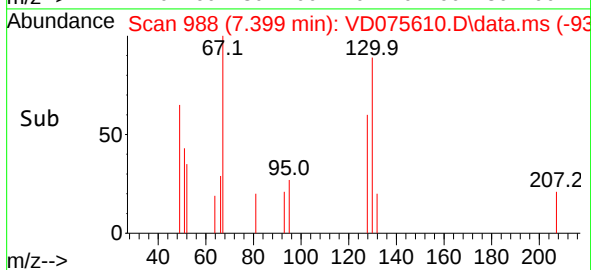
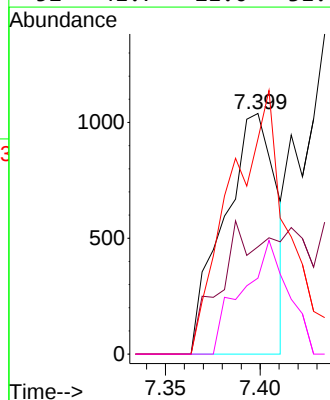
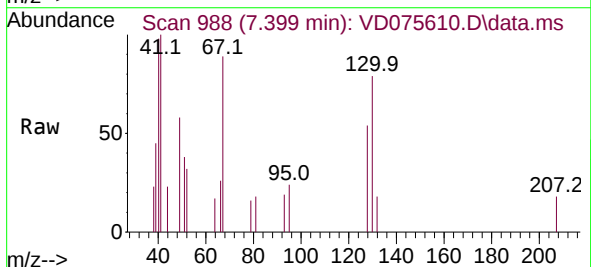
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

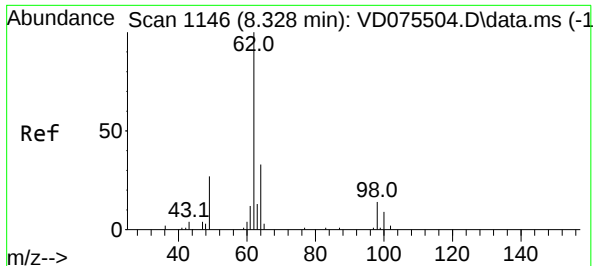
Tgt Ion: 78 Resp: 47670
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



#41
Methacrylonitrile
Concen: 4.489 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 41 Resp: 1989
Ion Ratio Lower Upper
41 100
39 39.7 45.3 67.9#
67 120.5 50.5 75.7#
52 41.7 21.0 31.6#





#42

1,2-Dichloroethane

Concen: 5.916 ug/l

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

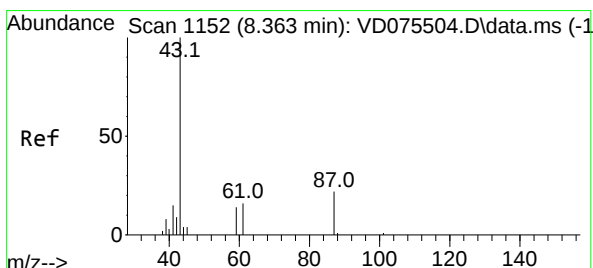
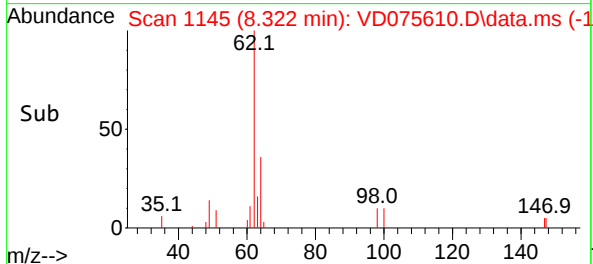
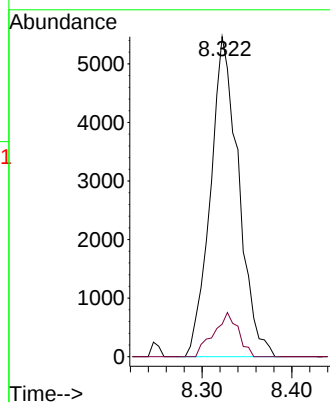
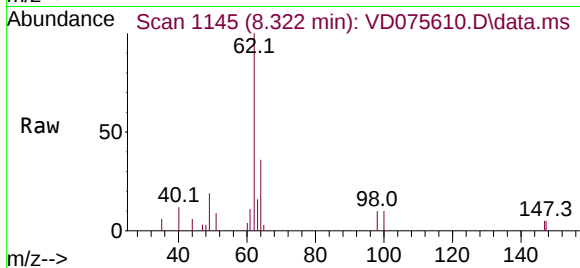
VSTDIC005

Tgt Ion: 62 Resp: 11920

Ion Ratio Lower Upper

62 100

98 12.0 0.0 18.8



#43

Isopropyl Acetate

Concen: 5.371 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

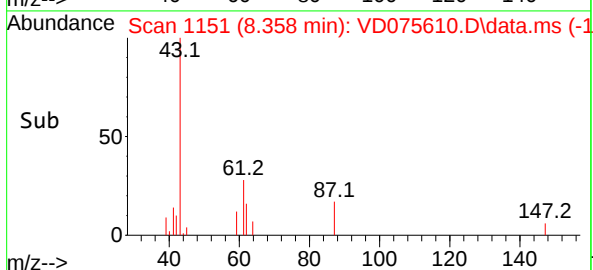
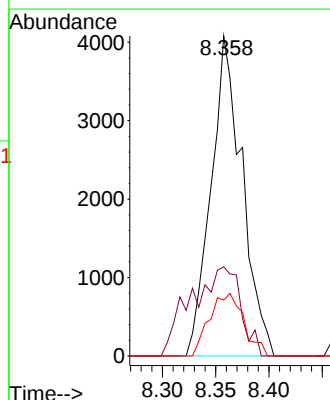
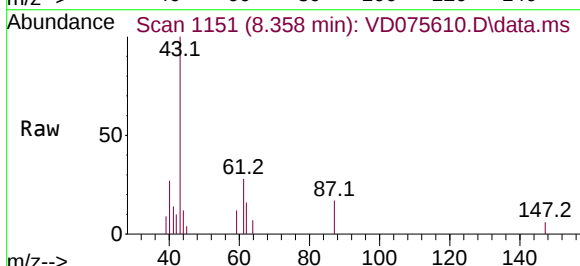
Tgt Ion: 43 Resp: 8295

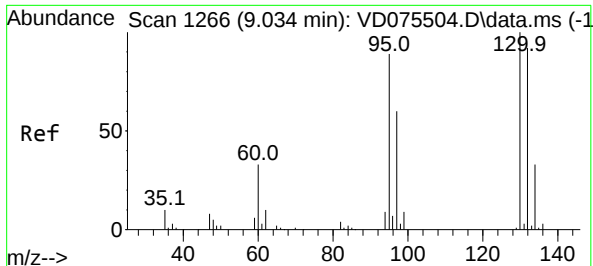
Ion Ratio Lower Upper

43 100

61 44.4 23.4 35.0#

87 21.5 9.5 14.3#

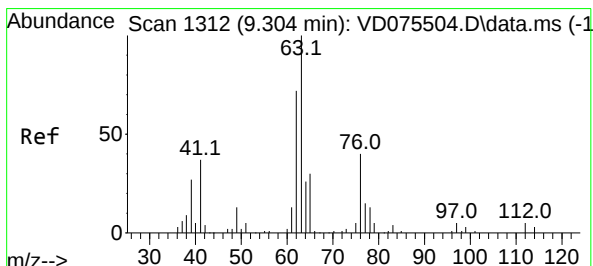
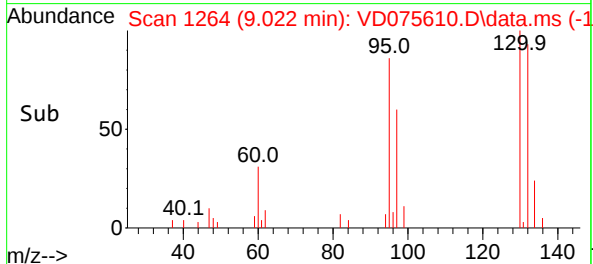
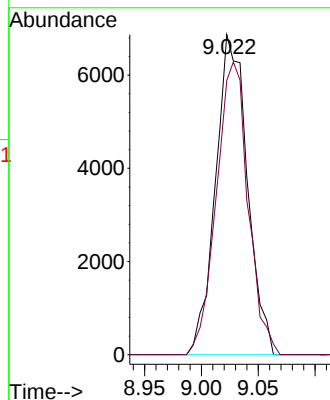
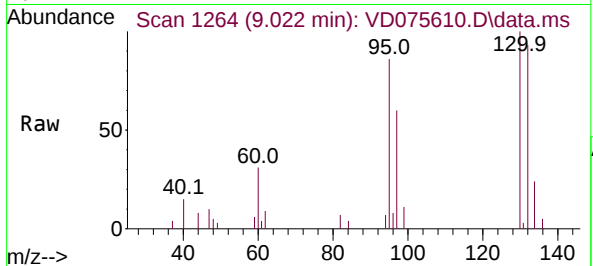




#44
Trichloroethene
Concen: 5.252 ug/l
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

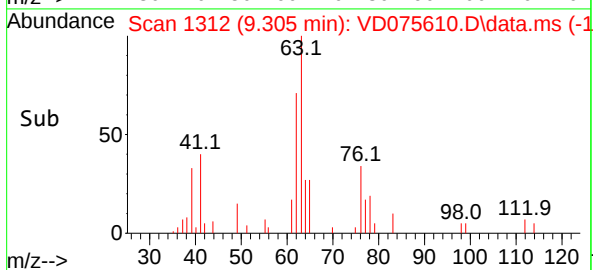
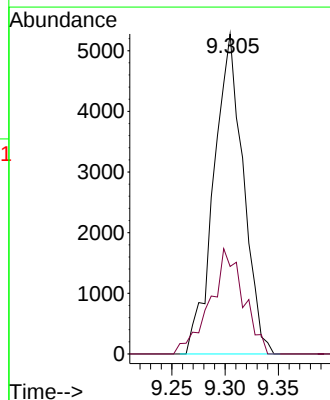
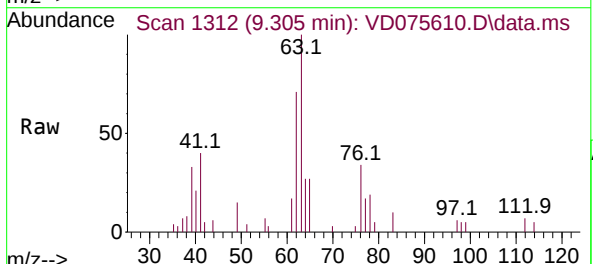
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

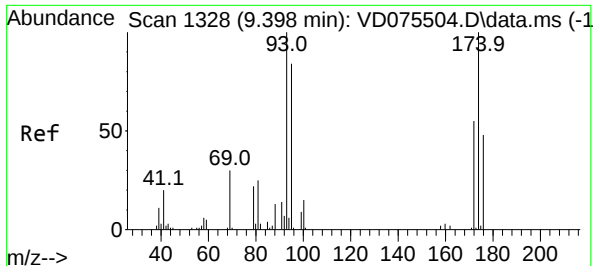
Tgt Ion:130 Resp: 13338
Ion Ratio Lower Upper
130 100
95 85.7 0.0 197.6



#45
1,2-Dichloropropane
Concen: 4.993 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 63 Resp: 10099
Ion Ratio Lower Upper
63 100
65 27.3 23.0 34.4

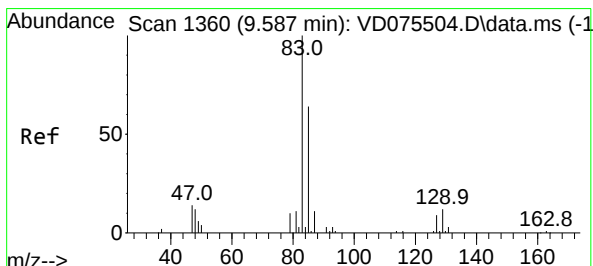
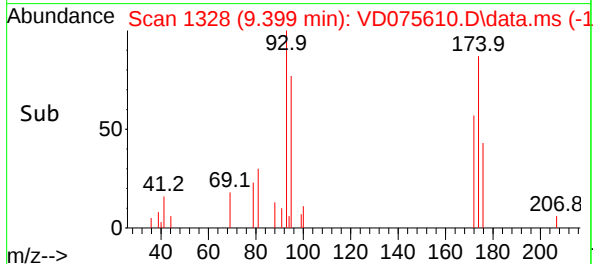
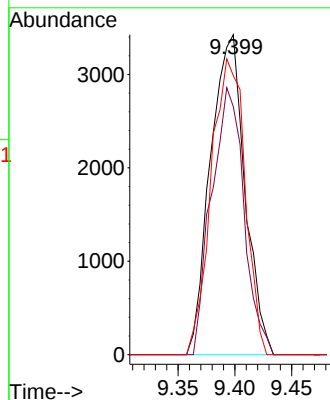
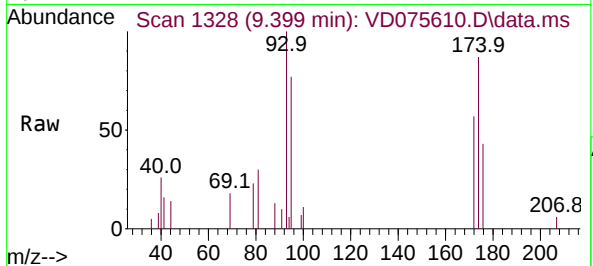




#46
Dibromomethane
Concen: 5.749 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

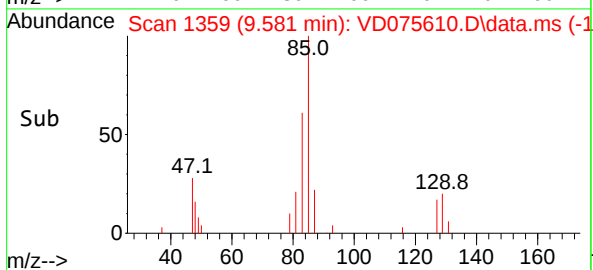
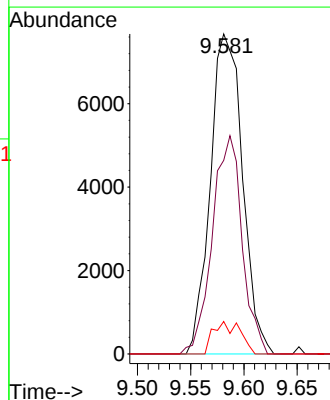
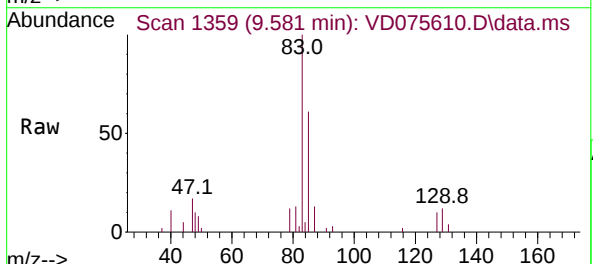
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

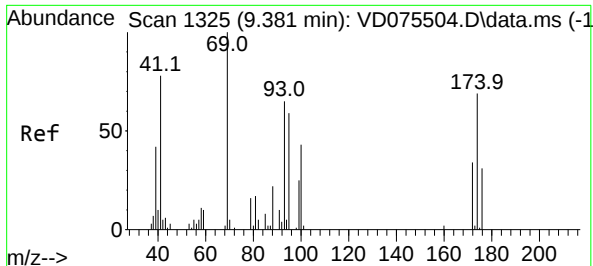
Tgt Ion: 93 Resp: 7220
Ion Ratio Lower Upper
93 100
95 78.7 64.5 96.7
174 90.7 76.2 114.4



#47
Bromodichloromethane
Concen: 5.314 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 83 Resp: 16141
Ion Ratio Lower Upper
83 100
85 60.5 53.7 80.5
127 10.2 7.0 10.6

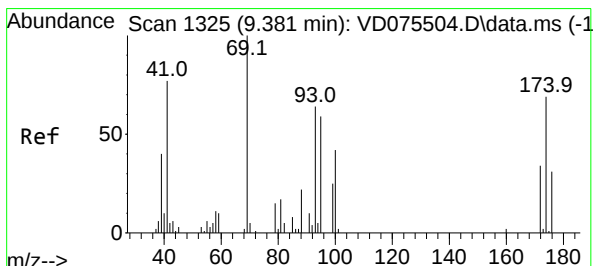
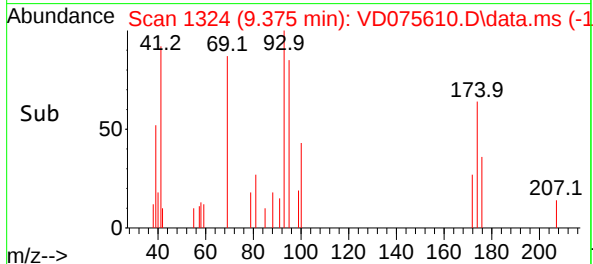
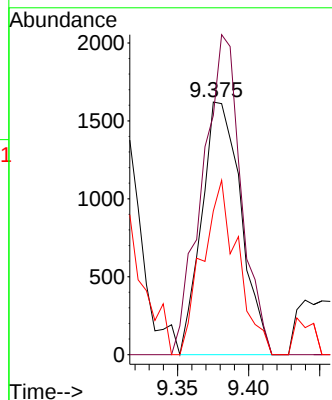
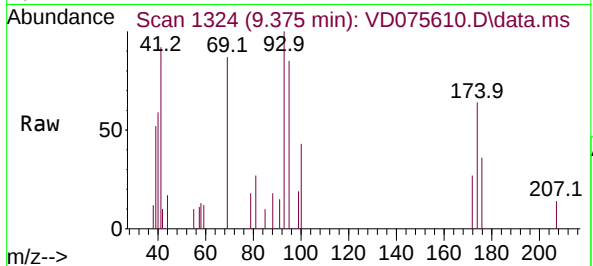




#48
Methyl methacrylate
Concen: 4.453 ug/l
RT: 9.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

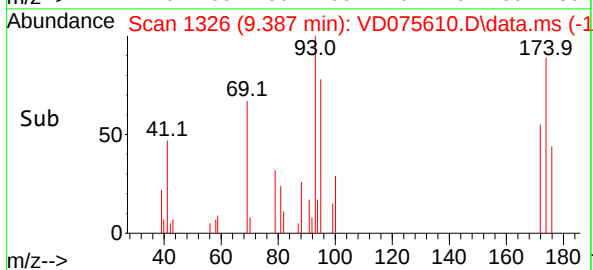
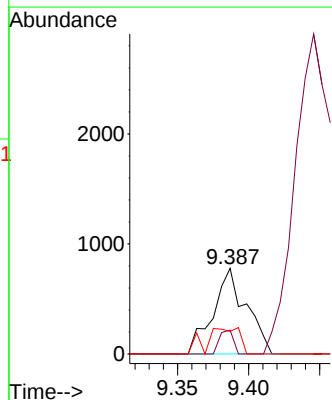
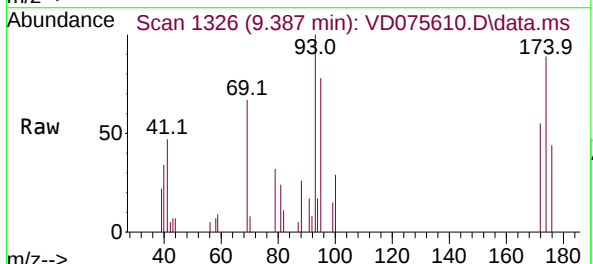
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

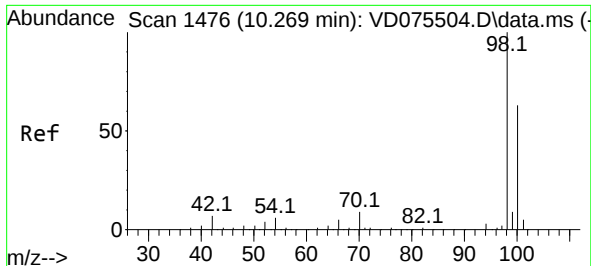
Tgt Ion: 41 Resp: 3117
Ion Ratio Lower Upper
41 100
69 124.5 58.6 88.0#
39 62.2 53.4 80.0



#49
1,4-Dioxane
Concen: 110.673 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 88 Resp: 1260
Ion Ratio Lower Upper
88 100
43 0.0 34.6 51.8#
58 30.6 58.0 87.0#

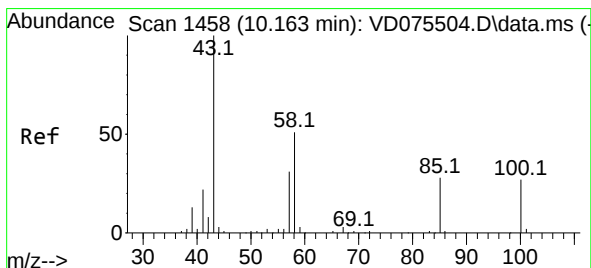
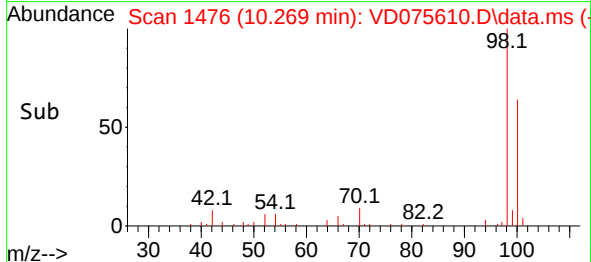
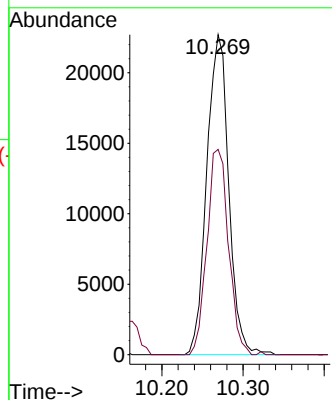
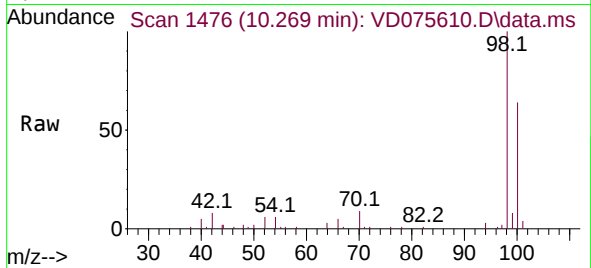




#50
Toluene-d8
Concen: 5.148 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

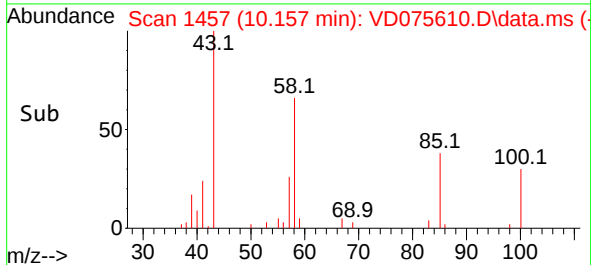
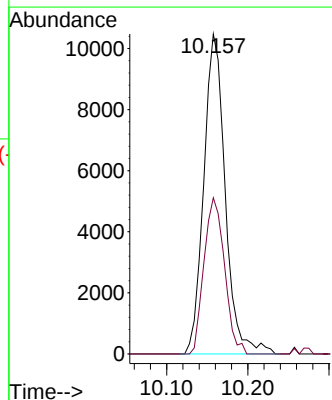
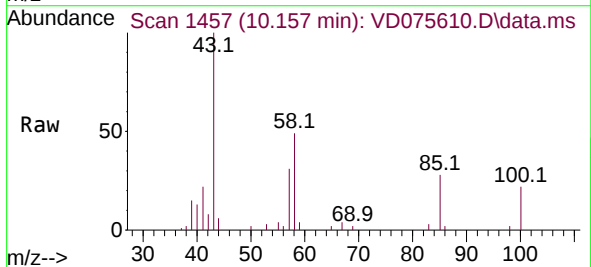
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

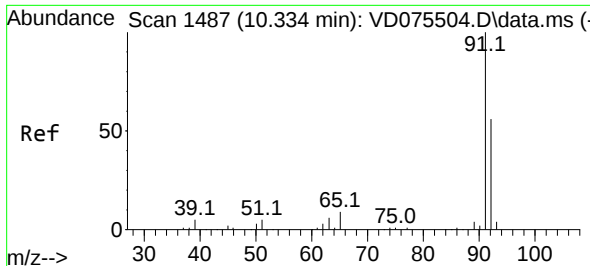
Tgt Ion: 98 Resp: 42550
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 23.171 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 43 Resp: 19265
Ion Ratio Lower Upper
43 100
58 46.6 29.5 44.3#

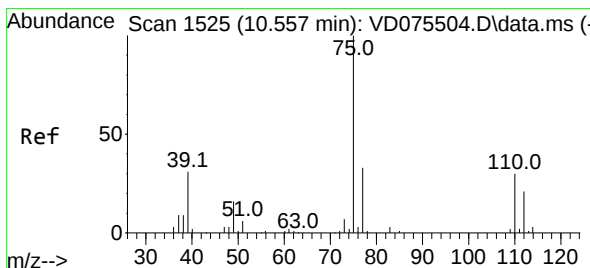
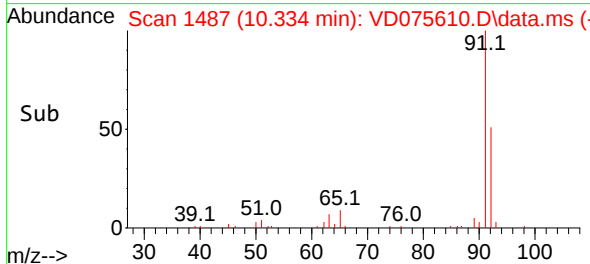
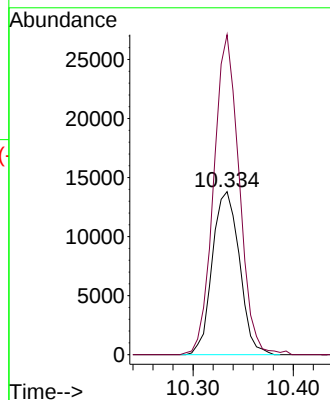
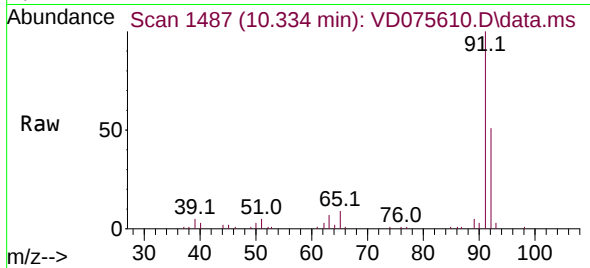




#52
Toluene
Concen: 4.439 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

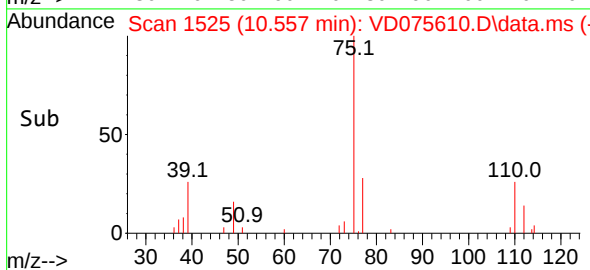
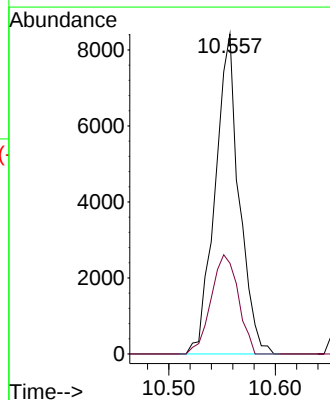
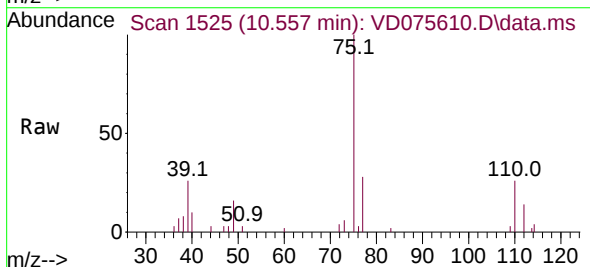
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

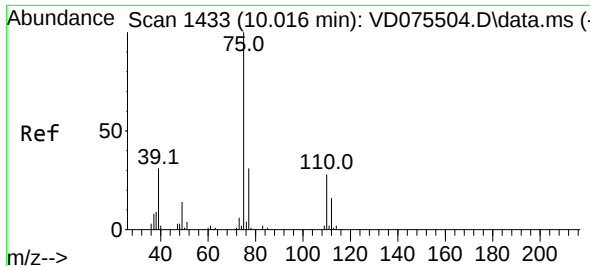
Tgt Ion: 92 Resp: 25997
Ion Ratio Lower Upper
92 100
91 184.5 136.5 204.7



#53
t-1,3-Dichloropropene
Concen: 4.809 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 75 Resp: 13239
Ion Ratio Lower Upper
75 100
77 28.4 26.3 39.5

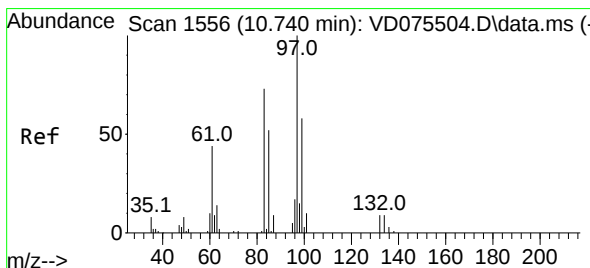
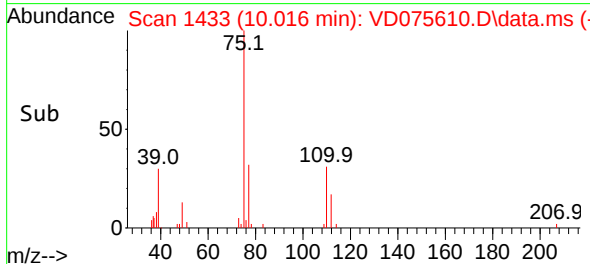
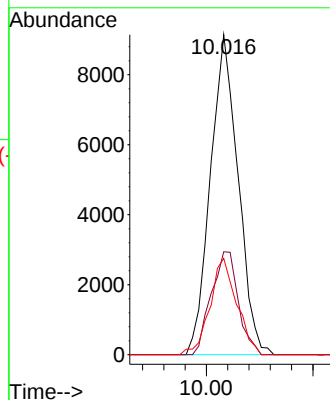
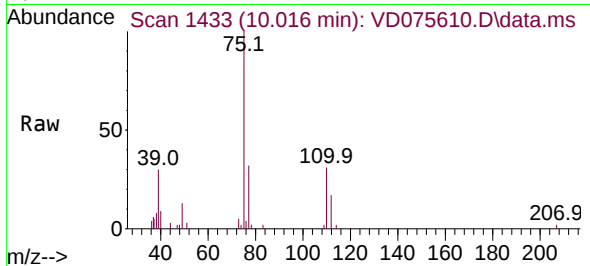




#54
cis-1,3-Dichloropropene
Concen: 4.928 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

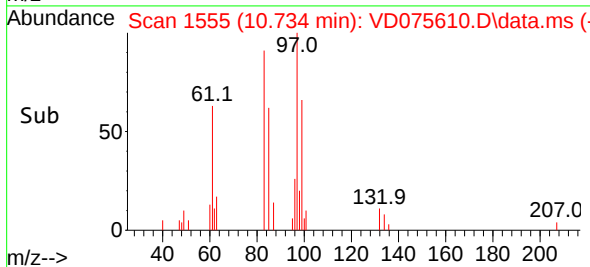
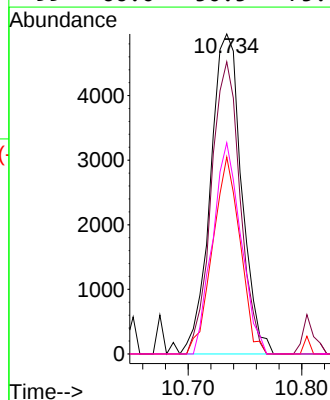
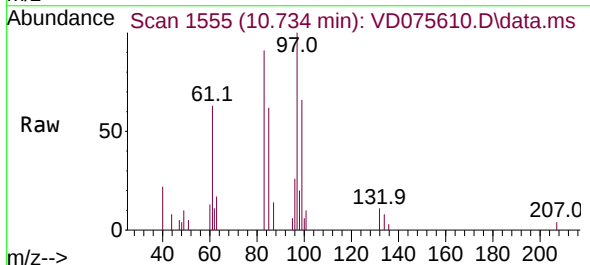
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

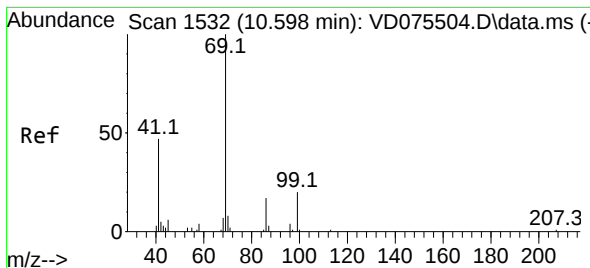
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.6	38.4
39	30.1	44.8	67.2#



#55
1,1,2-Trichloroethane
Concen: 5.097 ug/l
RT: 10.734 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.3	74.2	111.4
85	61.5	45.4	68.0
99	66.0	50.5	75.7





#56

Ethyl methacrylate

Concen: 4.246 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

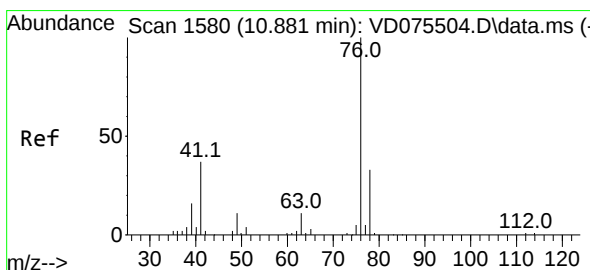
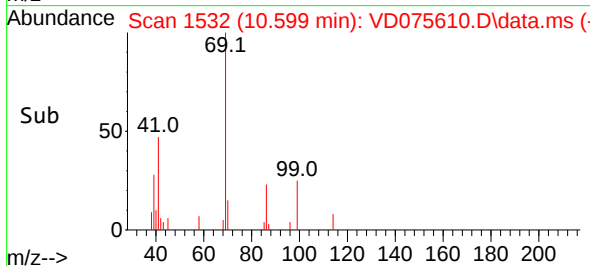
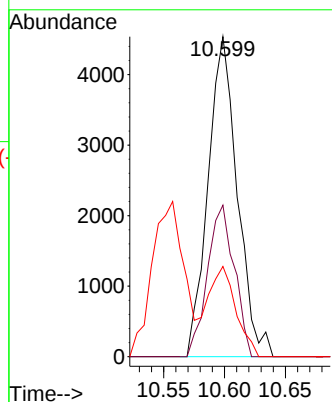
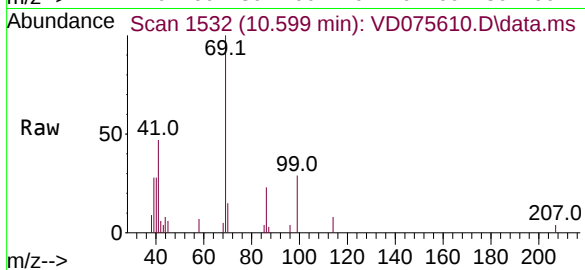
Tgt Ion: 69 Resp: 7579

Ion Ratio Lower Upper

69 100

41 43.3 59.3 88.9#

39 25.2 36.0 54.0#



#57

1,3-Dichloropropane

Concen: 4.667 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075610.D

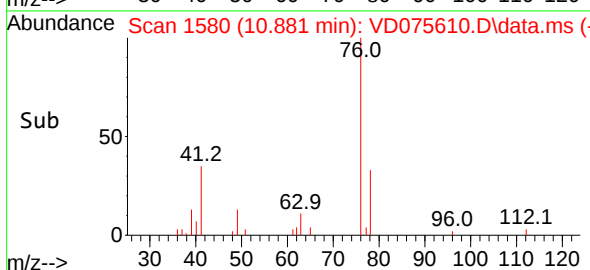
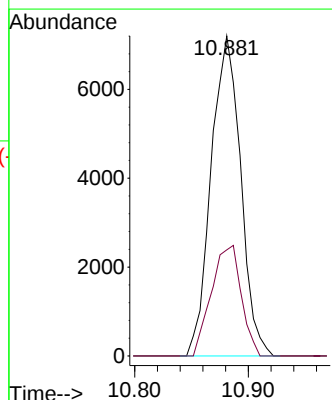
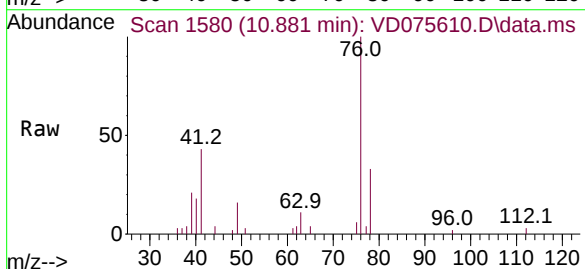
Acq: 10 Apr 2023 16:28

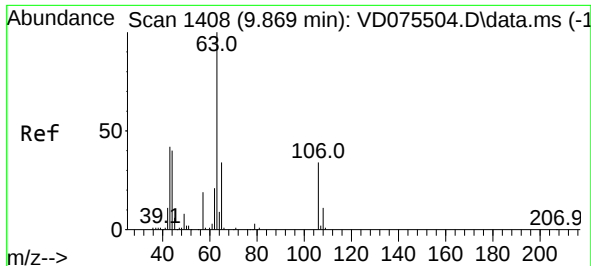
Tgt Ion: 76 Resp: 13015

Ion Ratio Lower Upper

76 100

78 34.9 25.6 38.4





#58

2-Chloroethyl Vinyl ether

Concen: 21.276 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

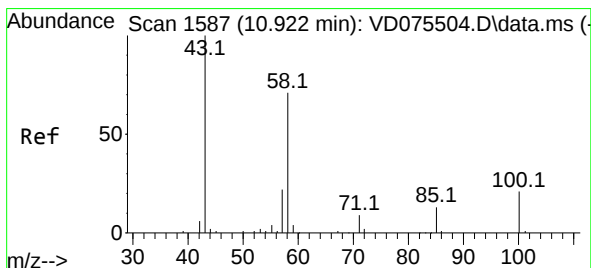
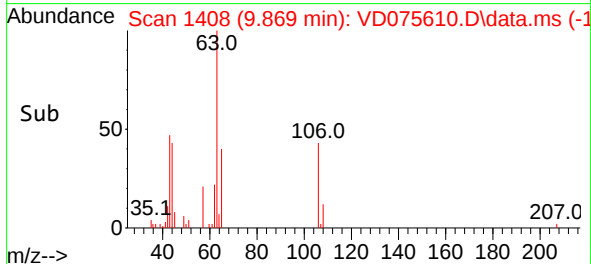
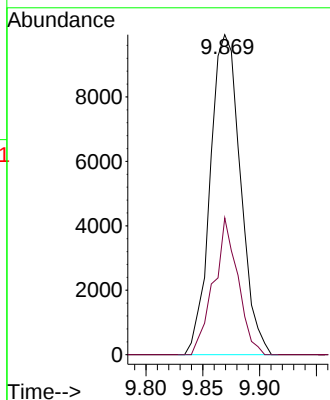
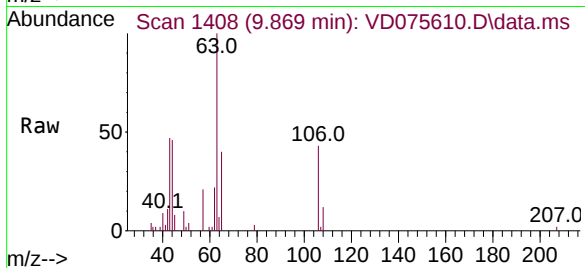
VSTDIC005

Tgt Ion: 63 Resp: 18363

Ion Ratio Lower Upper

63 100

106 34.3 21.4 32.2#



#59

2-Hexanone

Concen: 22.984 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075610.D

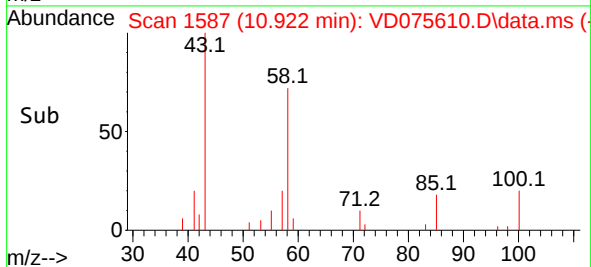
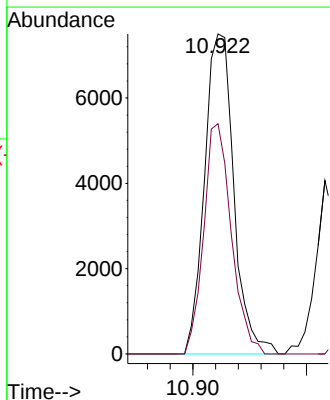
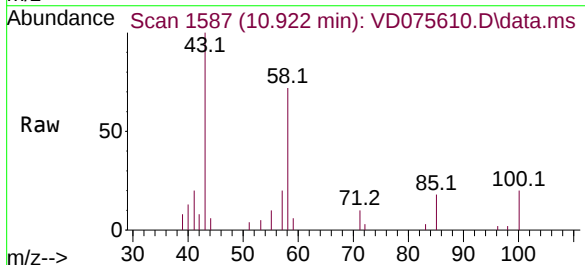
Acq: 10 Apr 2023 16:28

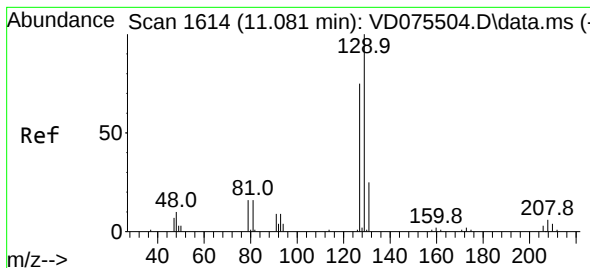
Tgt Ion: 43 Resp: 13462

Ion Ratio Lower Upper

43 100

58 67.7 25.3 75.8





#60

Dibromochloromethane

Concen: 4.950 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

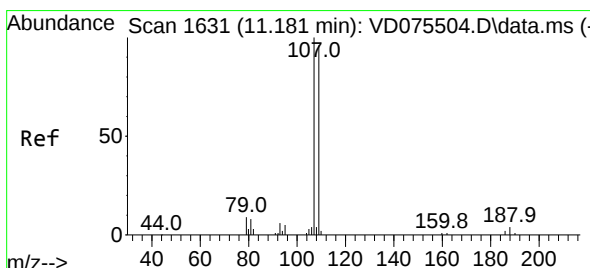
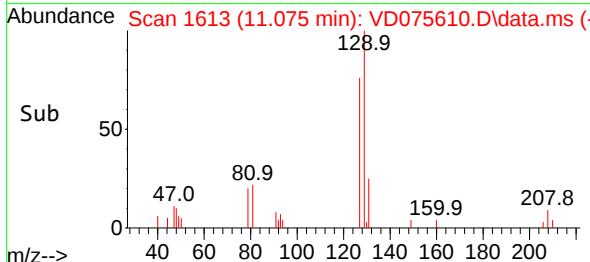
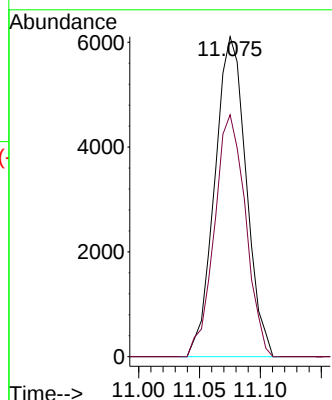
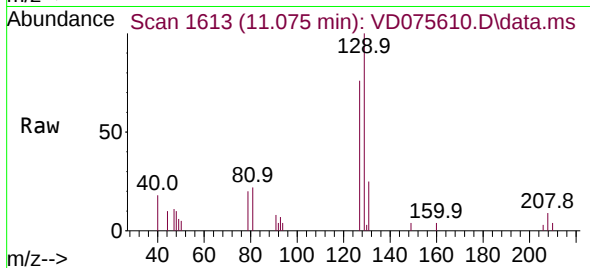
VSTDIC005

Tgt Ion:129 Resp: 10947

Ion Ratio Lower Upper

129 100

127 75.0 38.1 114.5



#61

1,2-Dibromoethane

Concen: 4.903 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD075610.D

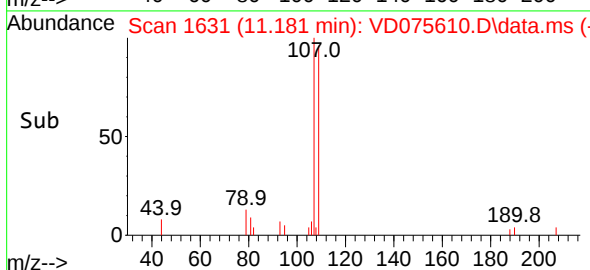
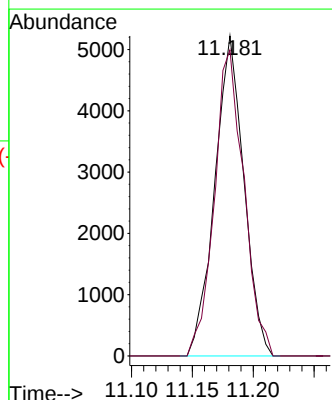
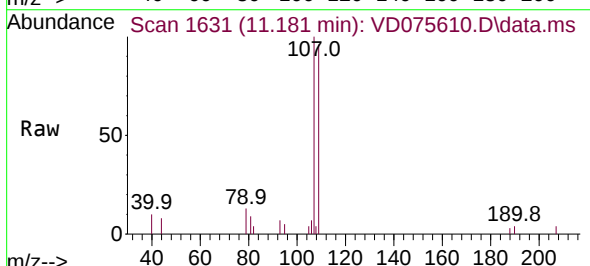
Acq: 10 Apr 2023 16:28

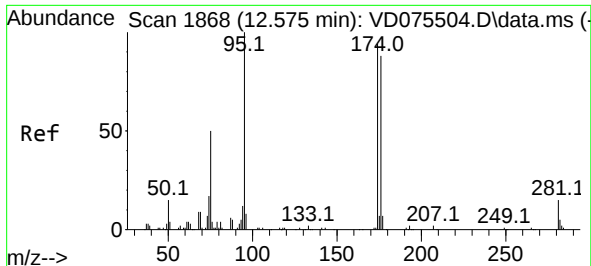
Tgt Ion:107 Resp: 8679

Ion Ratio Lower Upper

107 100

109 97.0 73.6 110.4

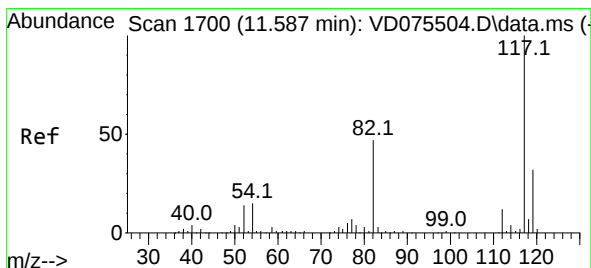
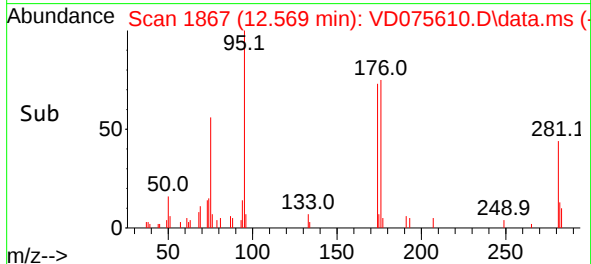
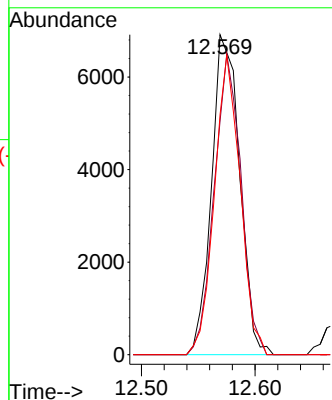
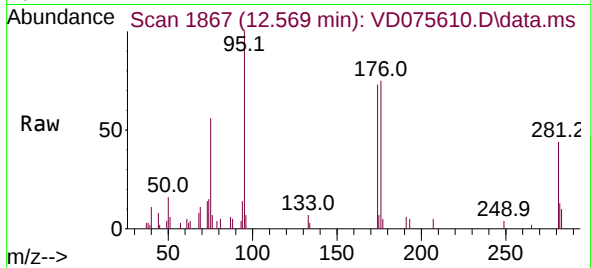




#62
4-Bromofluorobenzene
Concen: 3.099 ug/l
RT: 12.569 min Scan# 11893
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

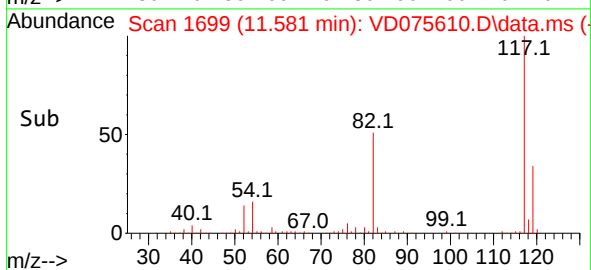
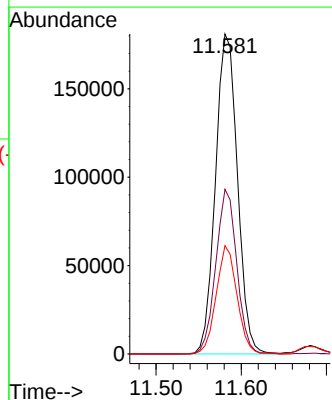
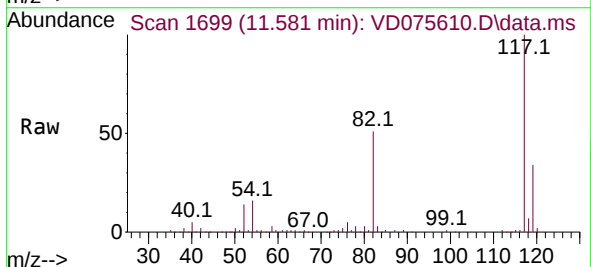
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

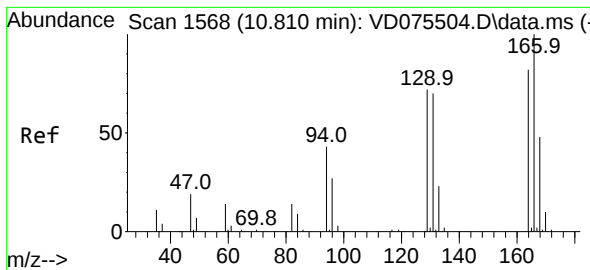
Tgt Ion: 95 Resp: 11893
Ion Ratio Lower Upper
95 100
174 89.2 0.0 164.0
176 85.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 117 Resp: 324743
Ion Ratio Lower Upper
117 100
82 51.4 44.0 66.0
119 33.9 25.1 37.7





#64

Tetrachloroethene

Concen: 5.382 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 10512

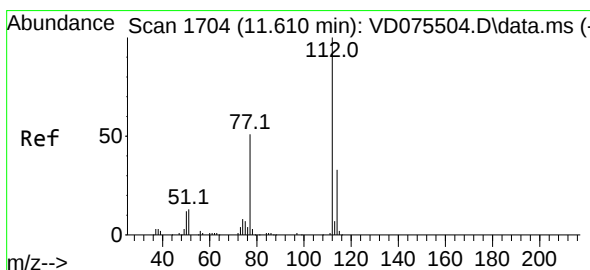
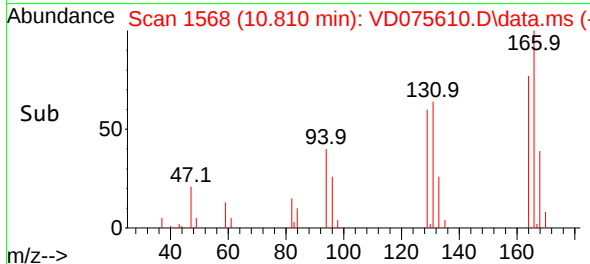
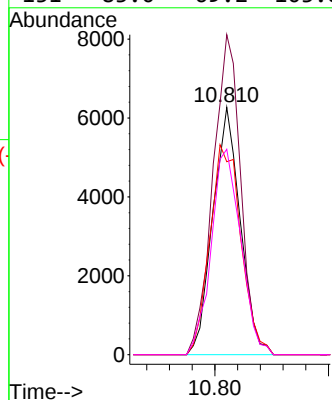
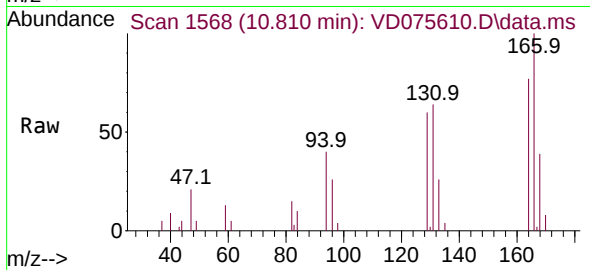
Ion Ratio Lower Upper

164 100

166 129.3 94.9 142.3

129 78.0 73.0 109.6

131 83.0 69.2 103.8



#65

Chlorobenzene

Concen: 4.996 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075610.D

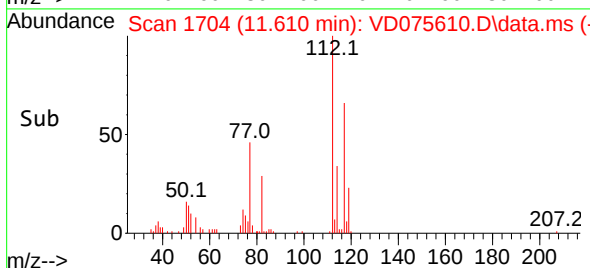
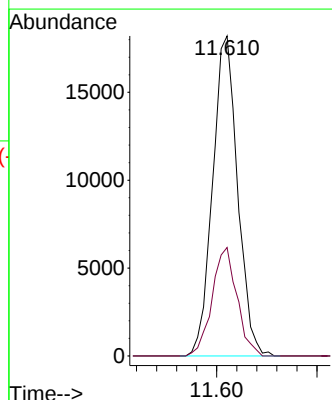
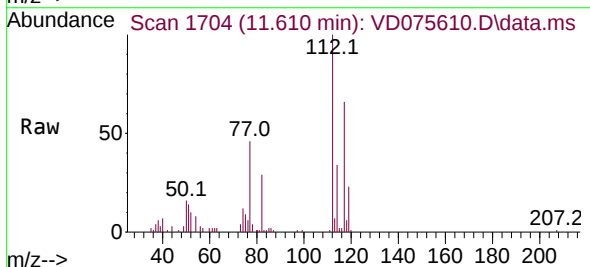
Acq: 10 Apr 2023 16:28

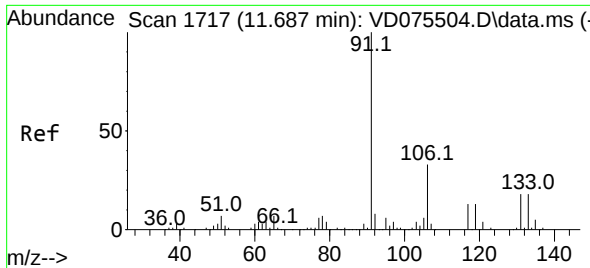
Tgt Ion:112 Resp: 31491

Ion Ratio Lower Upper

112 100

114 33.9 25.8 38.8

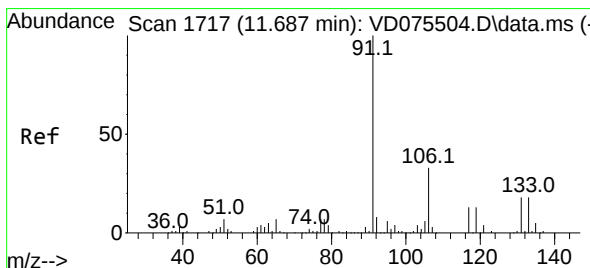
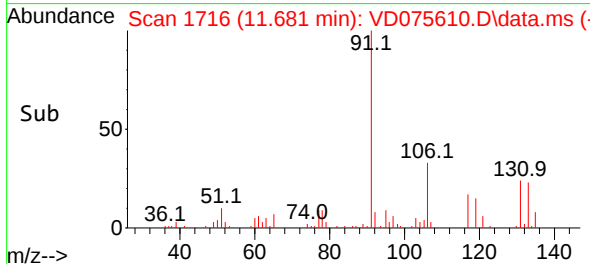
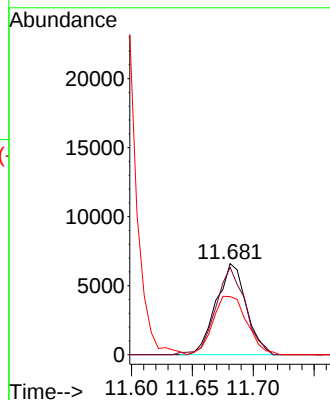
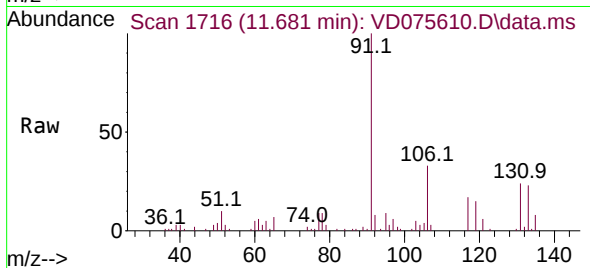




#66
1,1,1,2-Tetrachloroethane
Concen: 5.075 ug/l
RT: 11.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

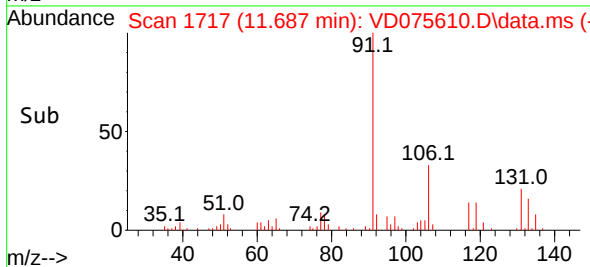
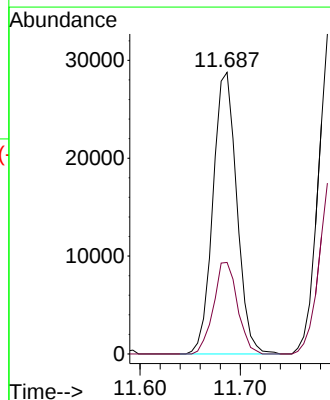
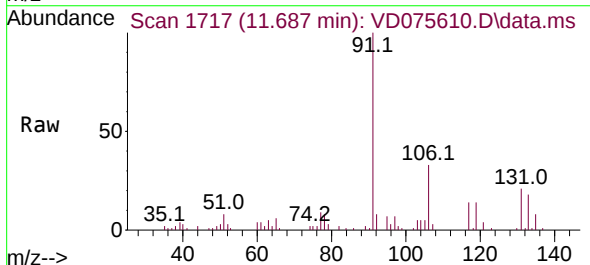
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

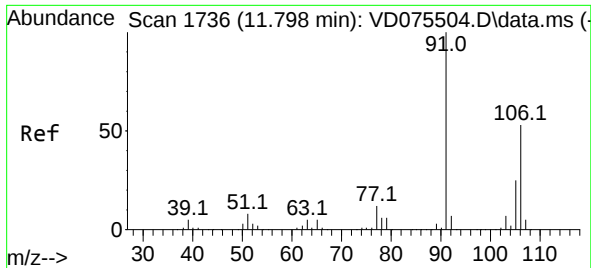
Tgt Ion:131 Resp: 11313
Ion Ratio Lower Upper
131 100
133 95.2 46.7 140.0
119 72.6 31.9 95.9



#67
Ethyl Benzene
Concen: 4.571 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 91 Resp: 47539
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7

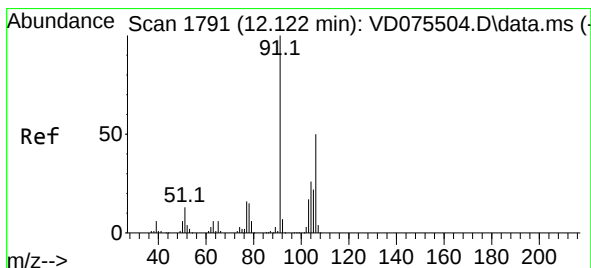
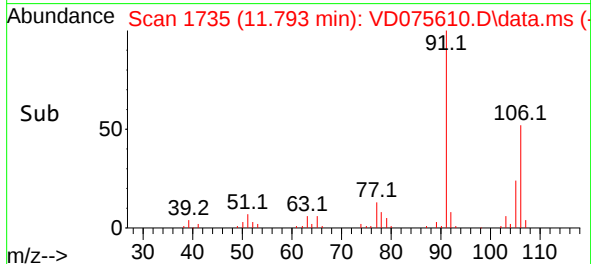
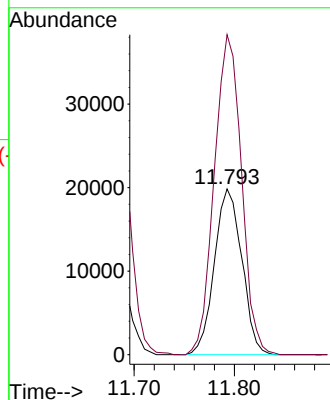
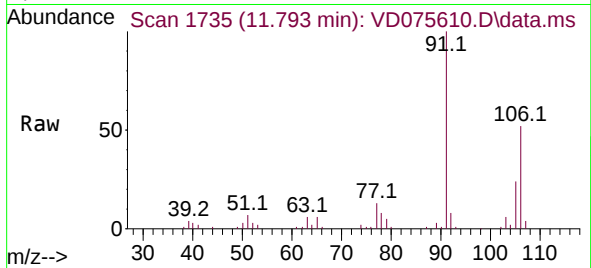




#68
m/p-Xylenes
Concen: 8.807 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

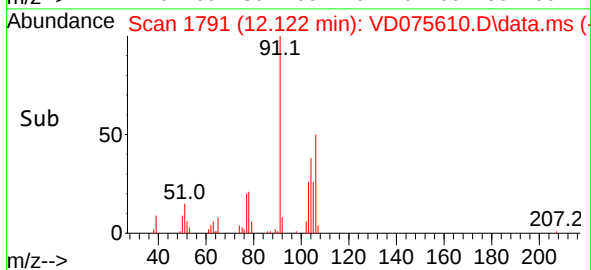
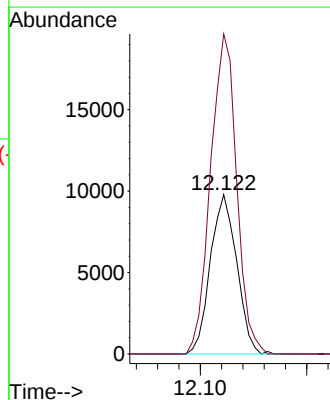
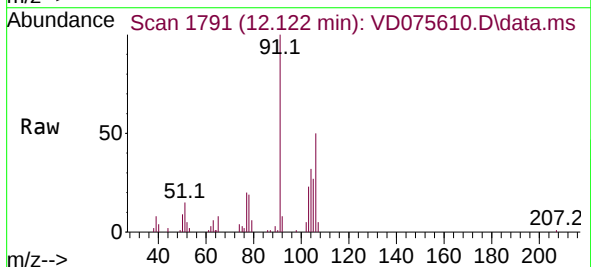
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

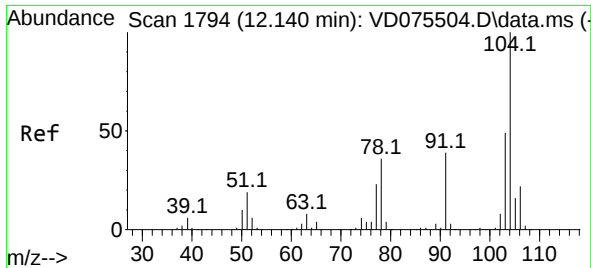
Tgt Ion:106 Resp: 37726
Ion Ratio Lower Upper
106 100
91 191.2 161.5 242.3



#69
o-Xylene
Concen: 5.147 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion:106 Resp: 16808
Ion Ratio Lower Upper
106 100
91 198.5 105.7 317.1

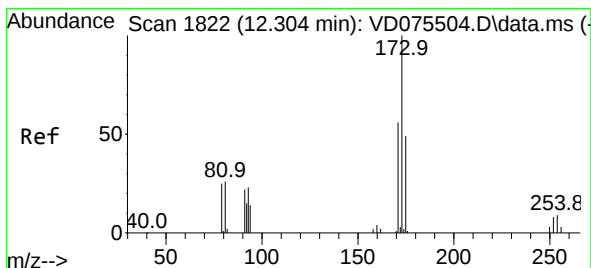
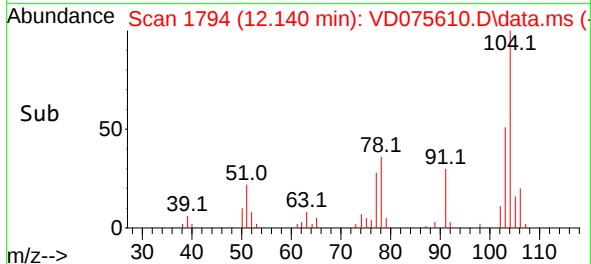
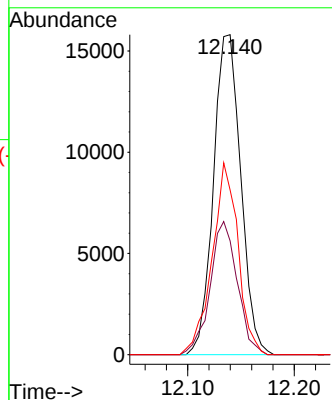
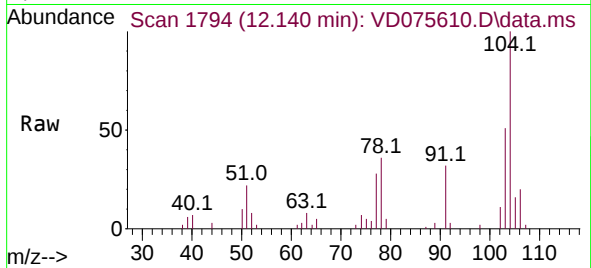




#70
Styrene
Concen: 4.542 ug/l
RT: 12.140 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

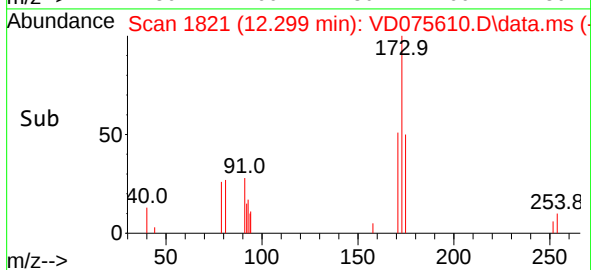
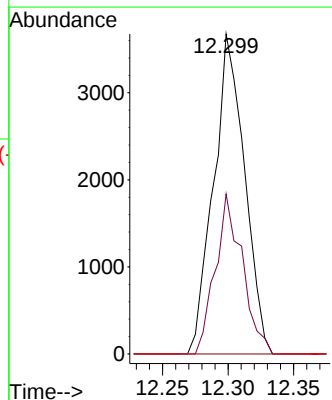
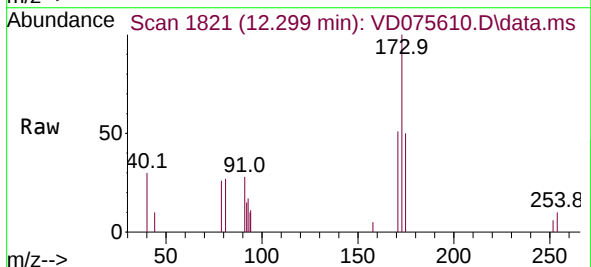
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

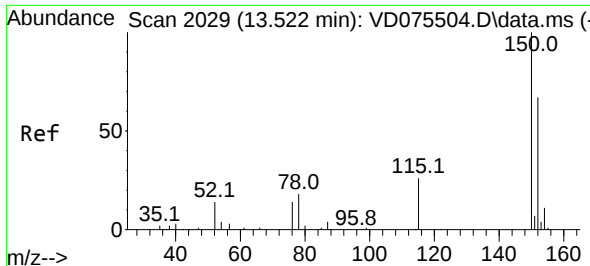
Tgt Ion:104 Resp: 28138
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 56.8 44.2 66.2



#71
Bromoform
Concen: 5.245 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion:173 Resp: 6043
Ion Ratio Lower Upper
173 100
175 43.6 23.5 70.5
254 0.0 0.0 0.0

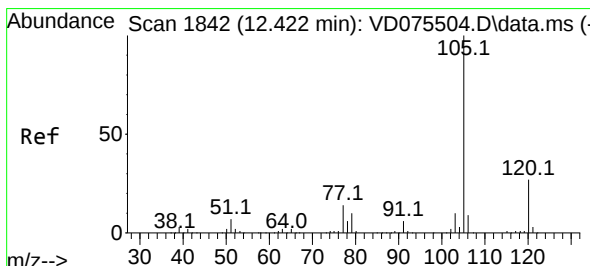
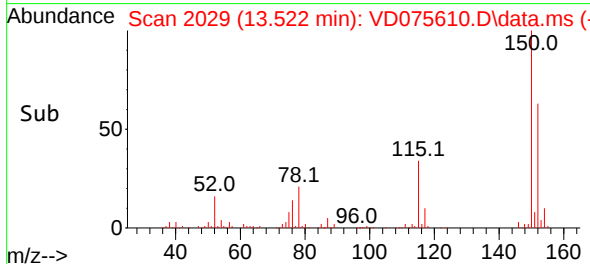
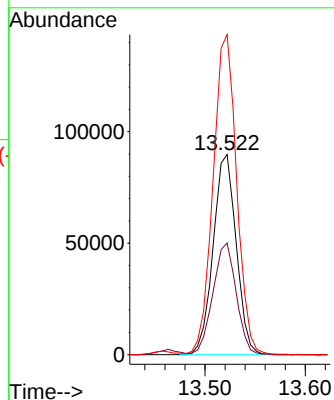
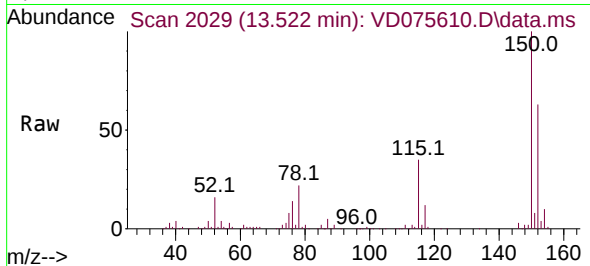




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

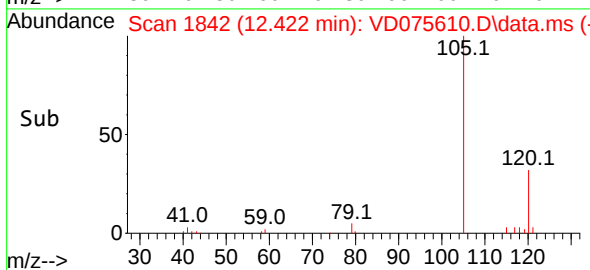
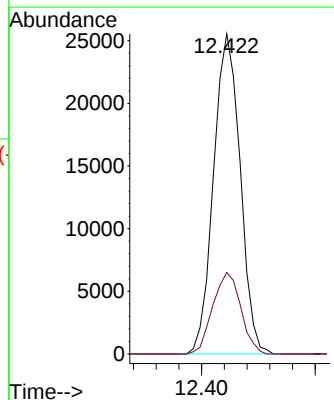
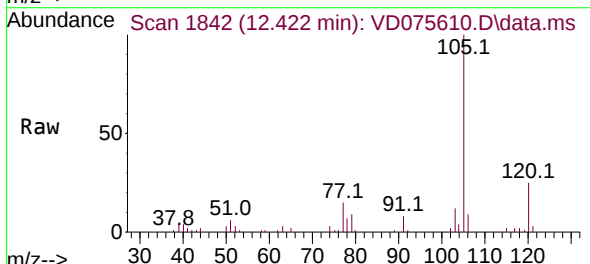
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

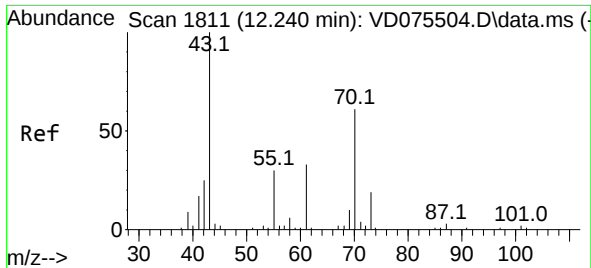
Tgt Ion:152 Resp: 143329
 Ion Ratio Lower Upper
 152 100
 115 56.6 30.1 90.3
 150 163.4 0.0 364.8



#73
 Isopropylbenzene
 Concen: 4.665 ug/l
 RT: 12.422 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

Tgt Ion:105 Resp: 41495
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.4 40.1

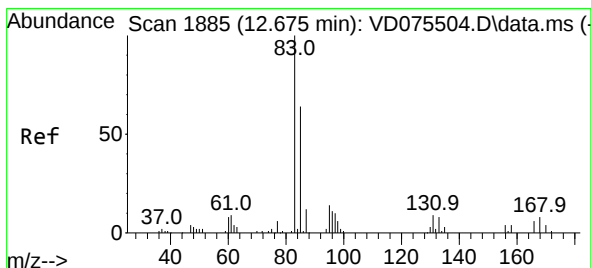
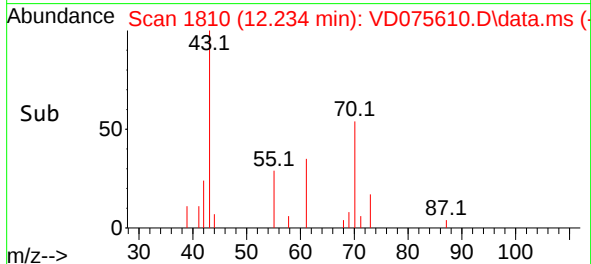
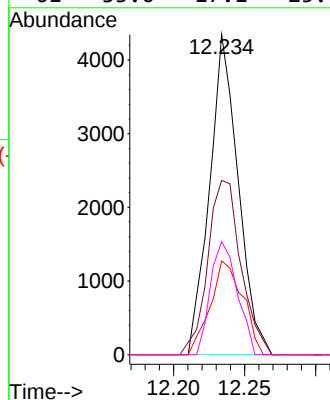
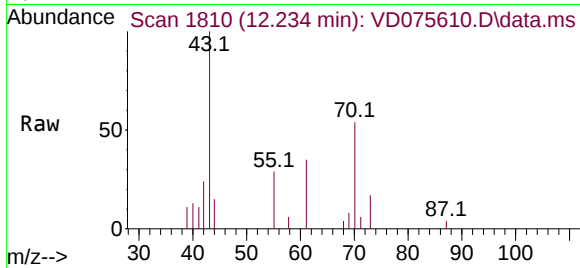




#74
N-amy1 acetate
Concen: 4.900 ug/l
RT: 12.234 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

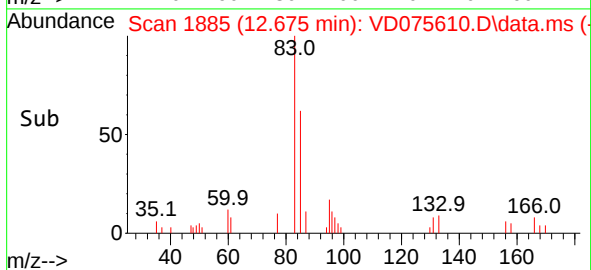
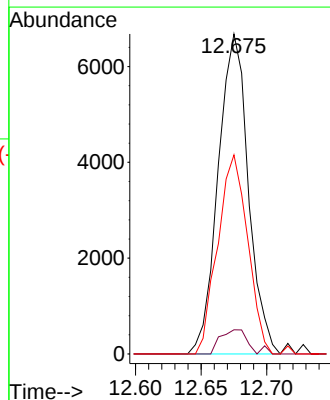
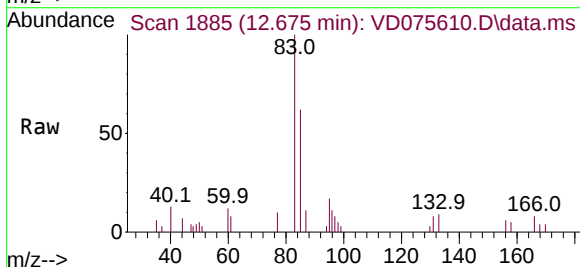
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

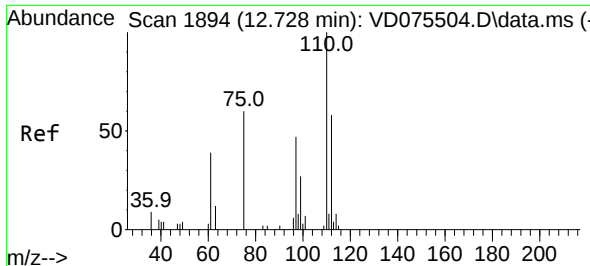
Tgt Ion: 43	Resp: 6112
Ion Ratio	Lower Upper
43 100	
70 62.9	31.0 46.4#
55 33.1	18.6 28.0#
61 33.0	17.1 25.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.429 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 83	Resp: 10696		
Ion Ratio	Lower	Upper	
83 100			
131 7.1	5.1	15.2	
85 61.7	33.6	100.6	

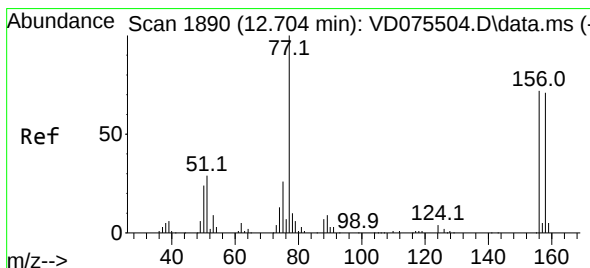
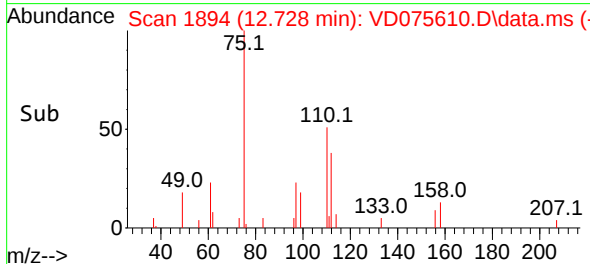
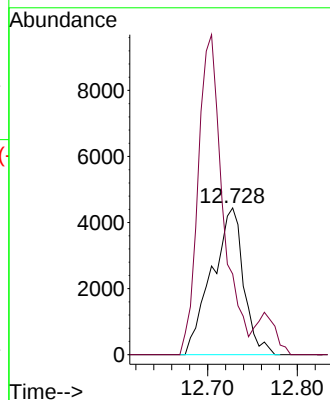
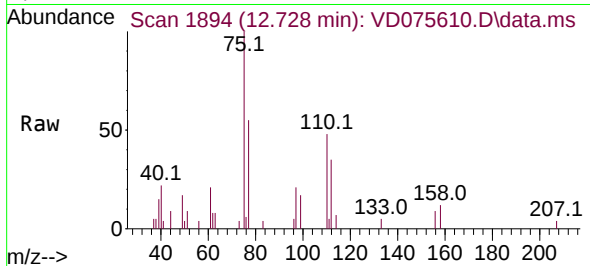




#76
1,2,3-Trichloropropane
Concen: 9.724 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

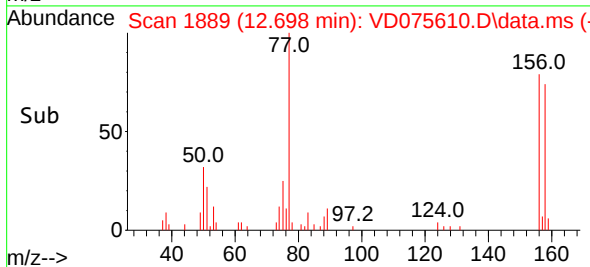
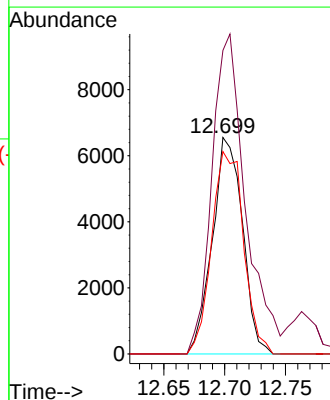
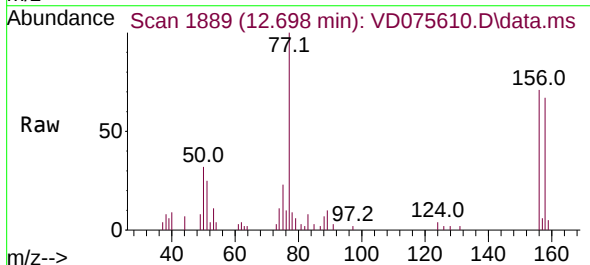
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

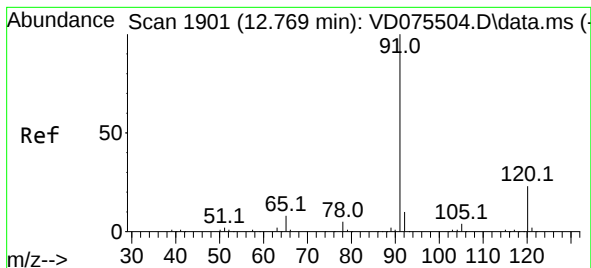
Tgt Ion: 75 Resp: 10908
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 5.032 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 156 Resp: 11298
Ion Ratio Lower Upper
156 100
77 164.2 89.5 268.6
158 98.8 47.8 143.4





#78

n-propylbenzene

Concen: 4.912 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

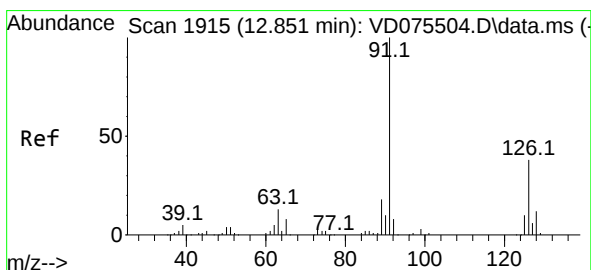
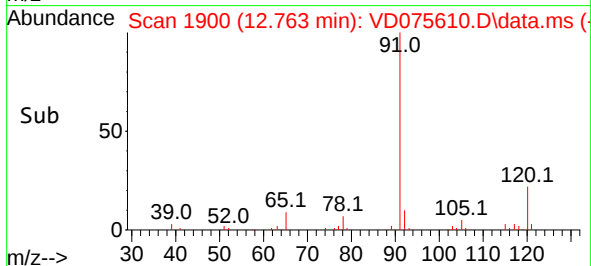
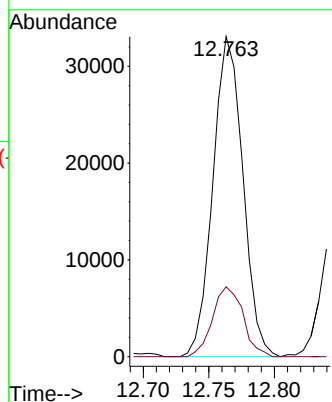
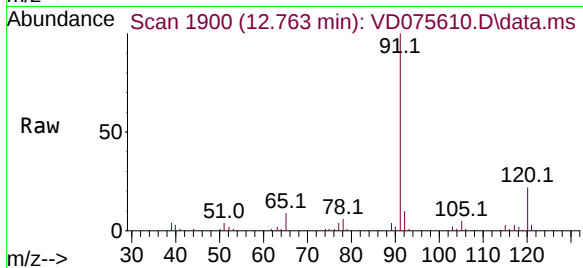
VSTDIC005

Tgt Ion: 91 Resp: 52529

Ion Ratio Lower Upper

91 100

120 22.3 11.4 34.2



#79

2-Chlorotoluene

Concen: 5.076 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075610.D

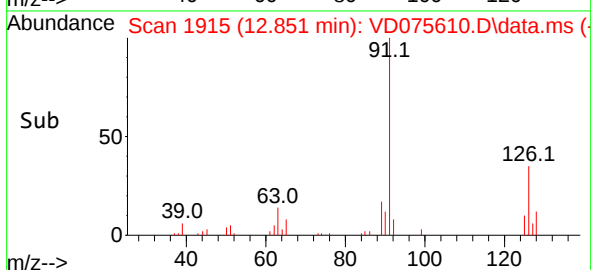
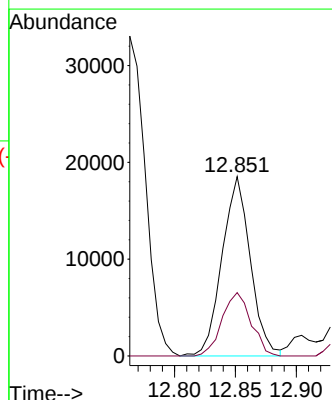
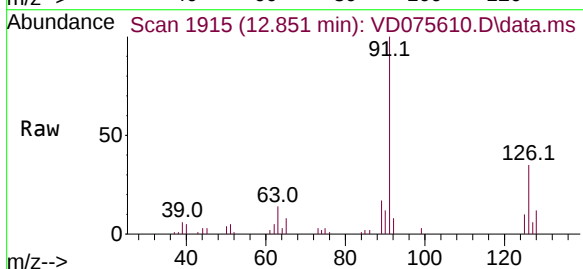
Acq: 10 Apr 2023 16:28

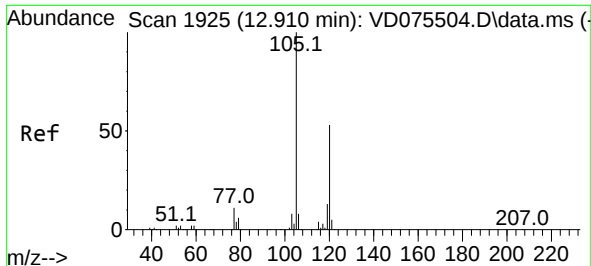
Tgt Ion: 91 Resp: 30025

Ion Ratio Lower Upper

91 100

126 36.1 16.8 50.3

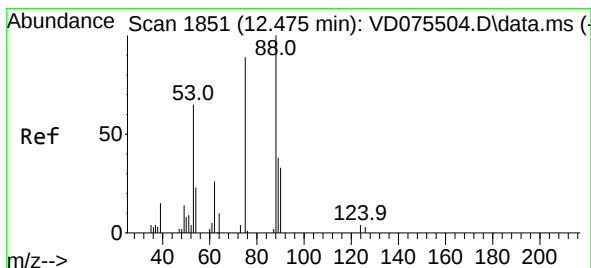
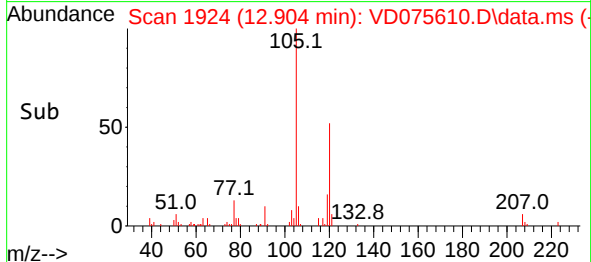
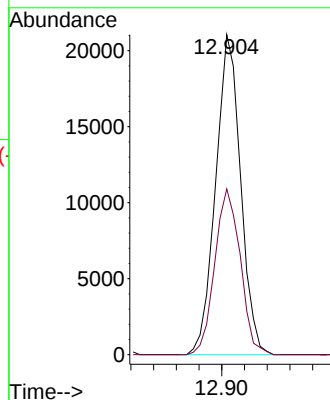
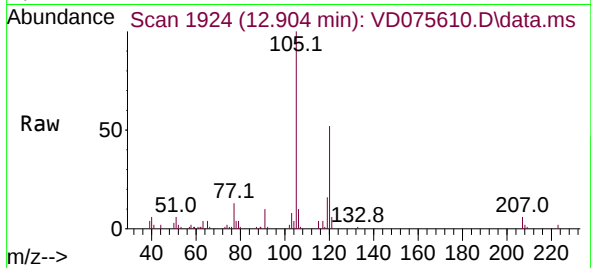




#80
1,3,5-Trimethylbenzene
Concen: 4.412 ug/l
RT: 12.904 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

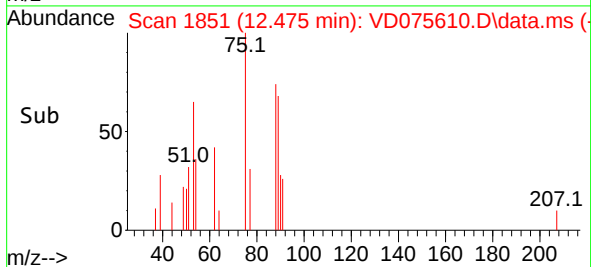
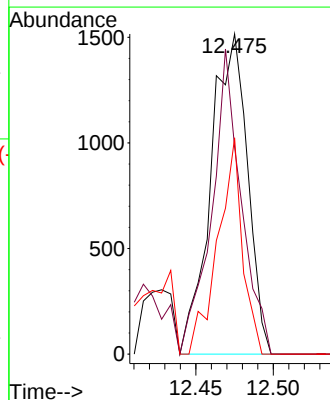
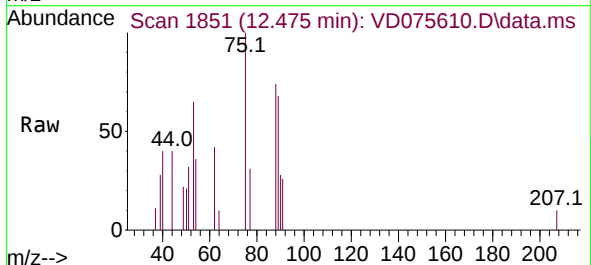
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

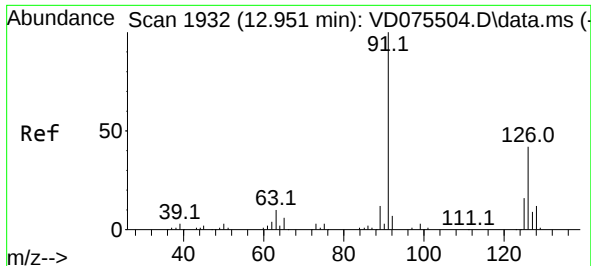
Tgt Ion:105 Resp: 32140
Ion Ratio Lower Upper
105 100
120 52.8 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 5.083 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 75 Resp: 2488
Ion Ratio Lower Upper
75 100
53 76.9 90.5 135.7#
89 45.3 40.2 60.4

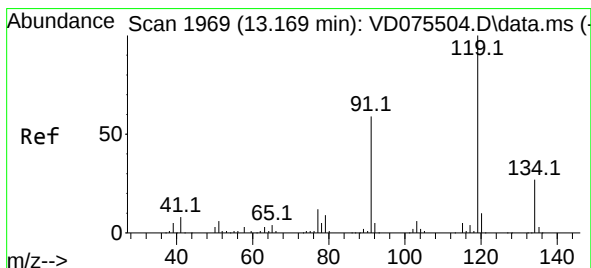
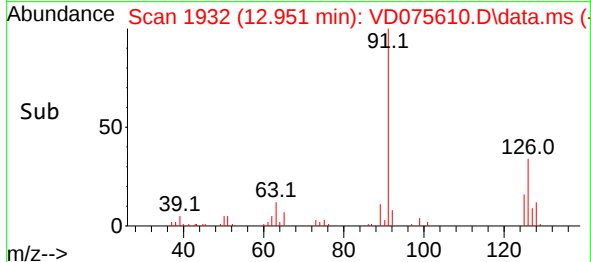
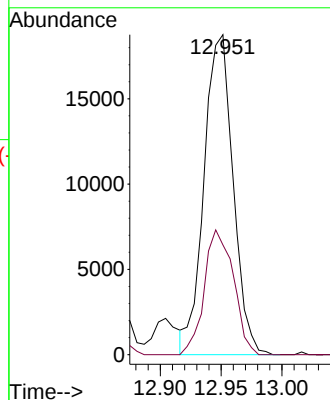
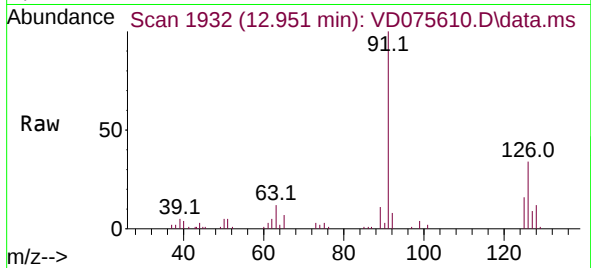




#82
4-Chlorotoluene
Concen: 5.081 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

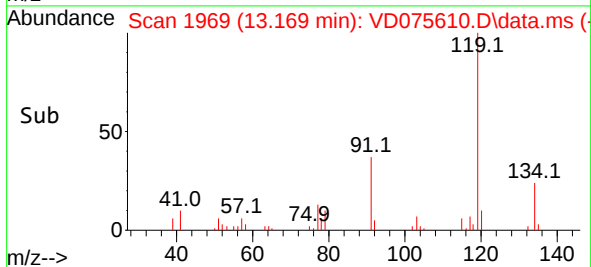
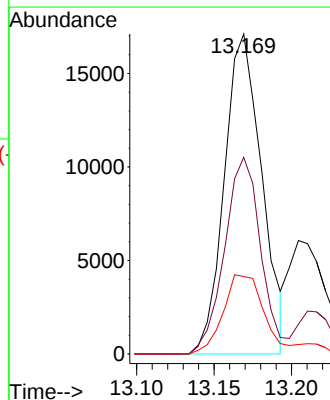
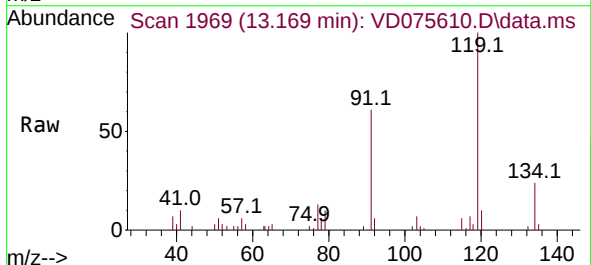
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

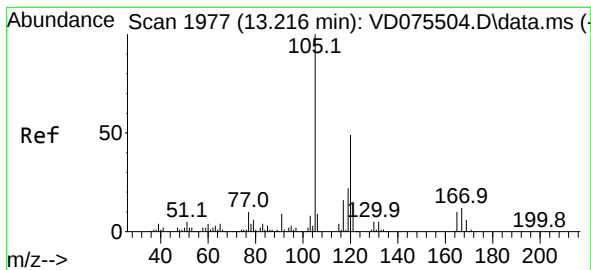
Tgt Ion: 91 Resp: 31173
Ion Ratio Lower Upper
91 100
126 39.1 17.1 51.2



#83
tert-Butylbenzene
Concen: 4.541 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 119 Resp: 28720
Ion Ratio Lower Upper
119 100
91 59.9 32.4 97.0
134 26.7 13.0 39.0





#84

1,2,4-Trimethylbenzene

Concen: 4.521 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075610.D

Acq: 10 Apr 2023 16:28

Instrument :

MSVOA_D

ClientSampleId :

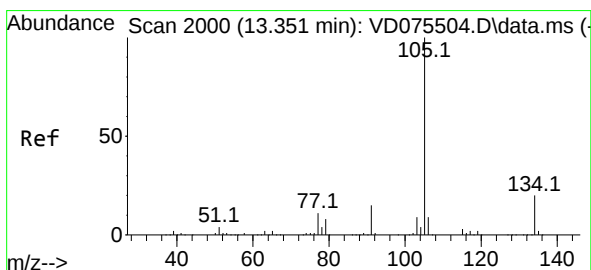
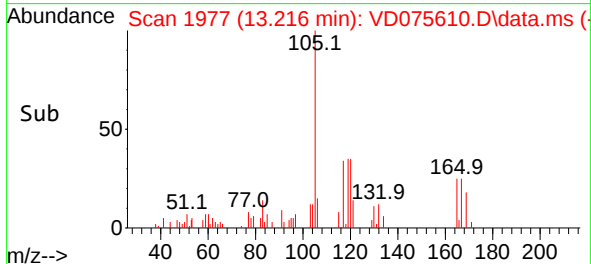
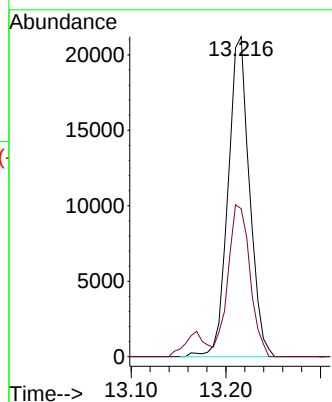
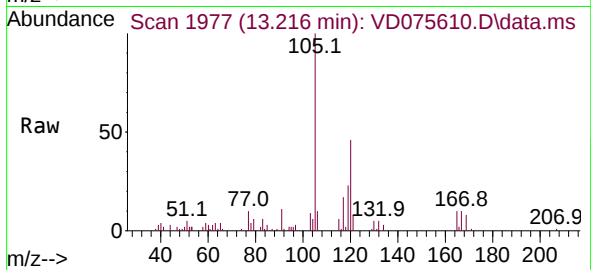
VSTDIC005

Tgt Ion:105 Resp: 33254

Ion Ratio Lower Upper

105 100

120 48.7 22.3 66.9



#85

sec-Butylbenzene

Concen: 4.696 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075610.D

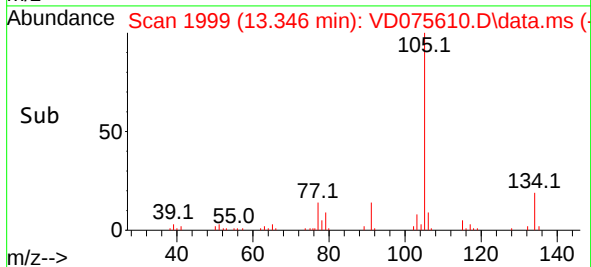
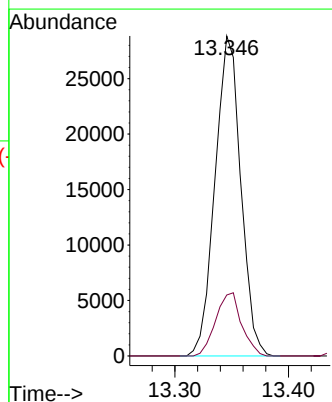
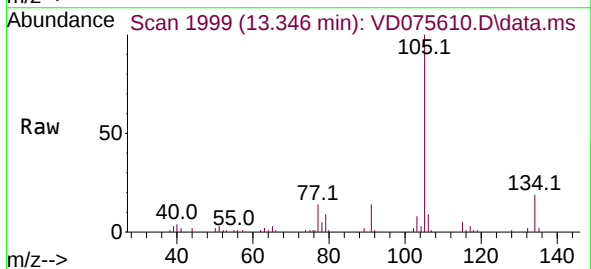
Acq: 10 Apr 2023 16:28

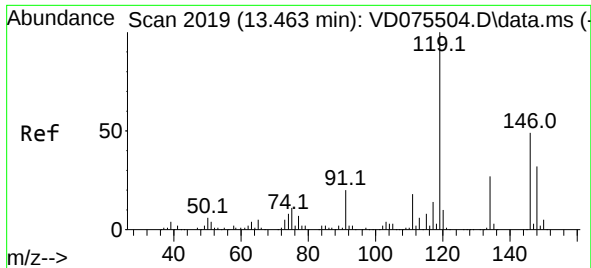
Tgt Ion:105 Resp: 45384

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7

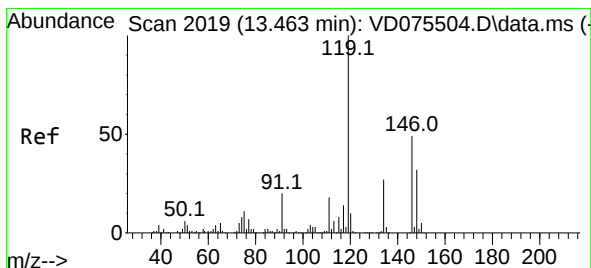
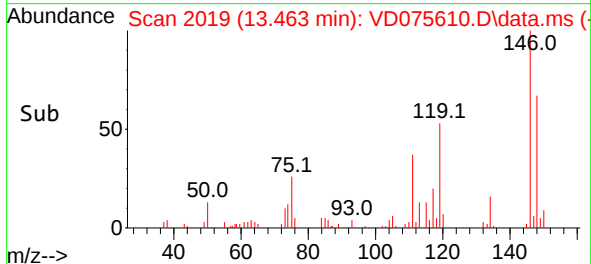
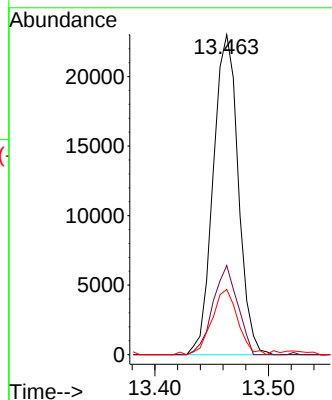
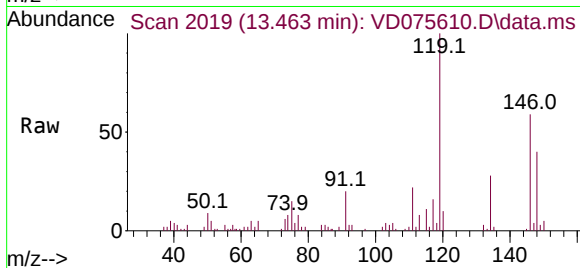




#86
p-Isopropyltoluene
Concen: 4.337 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

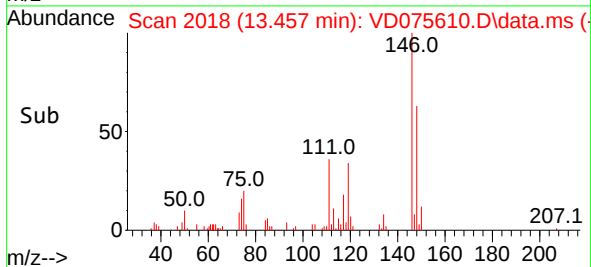
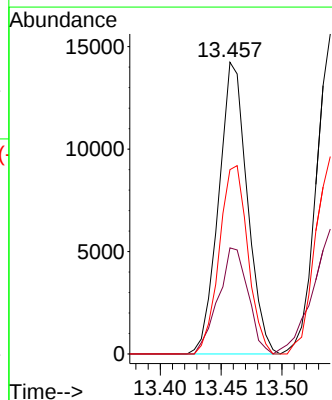
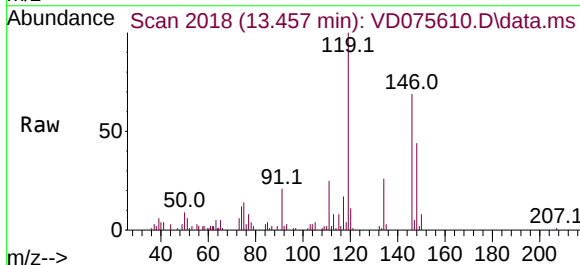
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

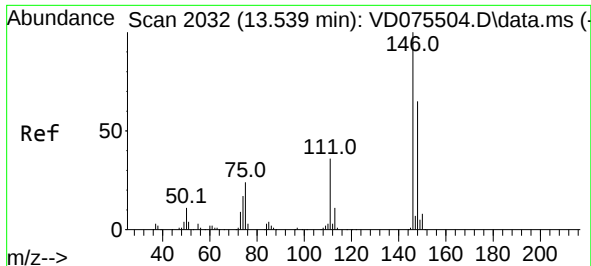
Tgt Ion:119 Resp: 35237
Ion Ratio Lower Upper
119 100
134 27.5 13.1 39.3
91 21.2 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 4.967 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion:146 Resp: 23284
Ion Ratio Lower Upper
146 100
111 37.6 19.8 59.3
148 64.2 31.0 93.0

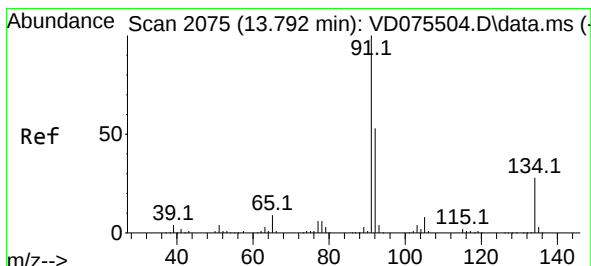
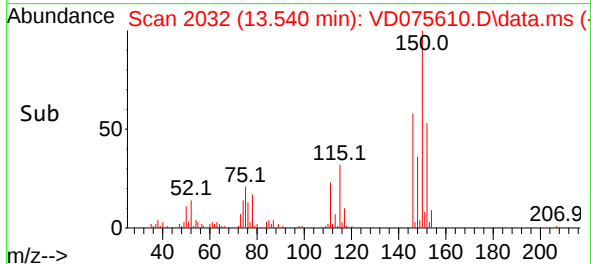
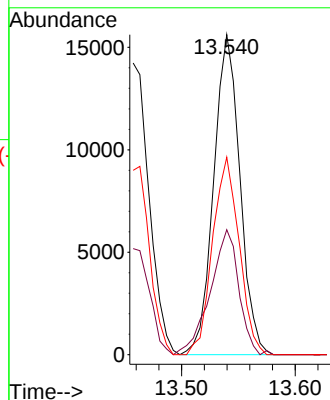
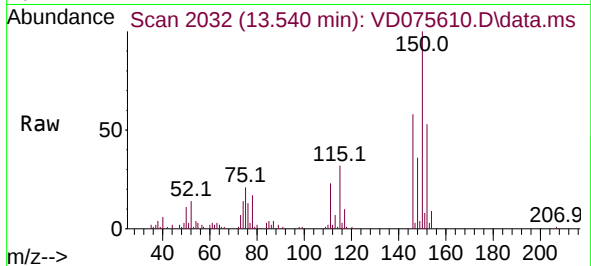




#88
1,4-Dichlorobenzene
Concen: 5.413 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

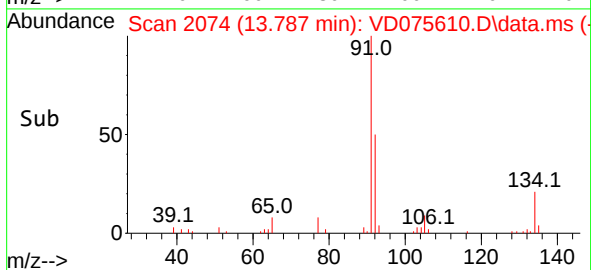
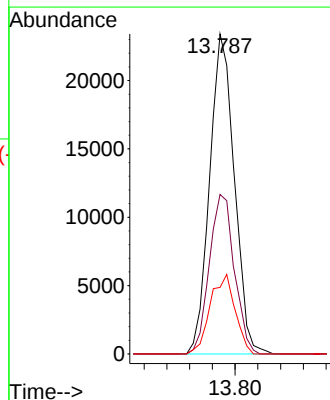
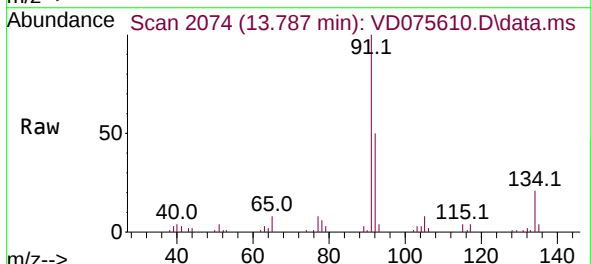
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

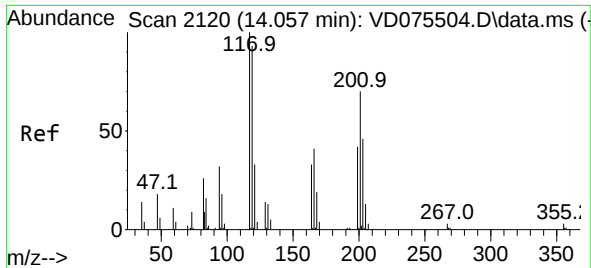
Tgt Ion:146 Resp: 25099
Ion Ratio Lower Upper
146 100
111 42.6 19.6 58.8
148 62.5 31.7 95.1



#89
n-Butylbenzene
Concen: 4.781 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion: 91 Resp: 35320
Ion Ratio Lower Upper
91 100
92 50.4 26.2 78.5
134 25.1 12.7 38.0

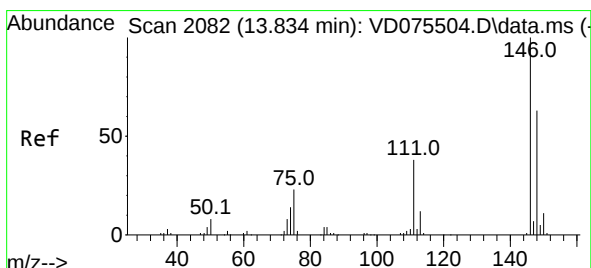
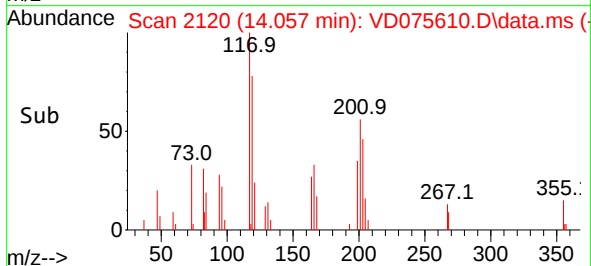
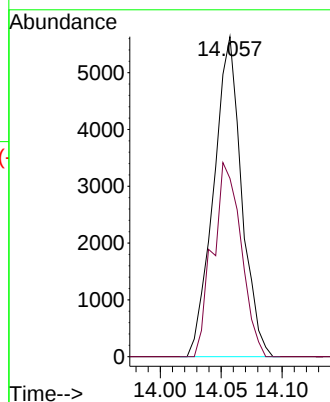
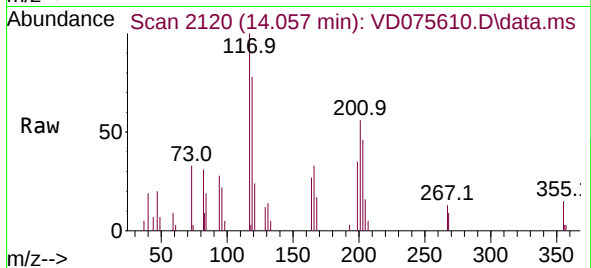




#90
Hexachloroethane
Concen: 5.877 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

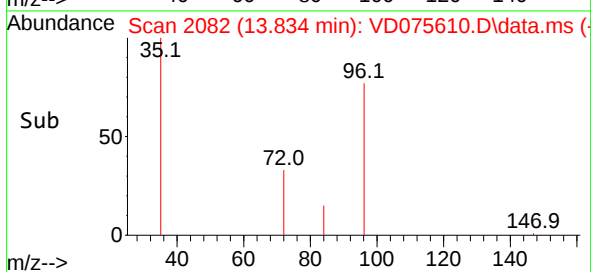
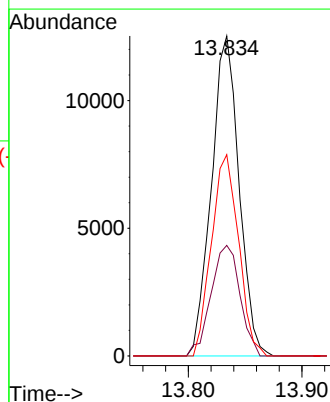
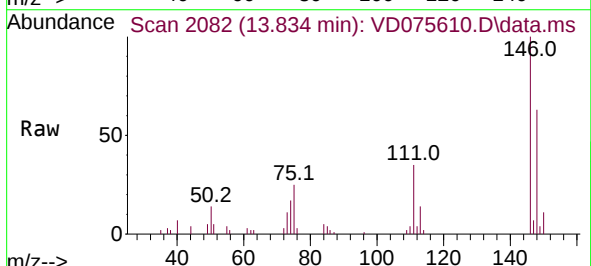
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

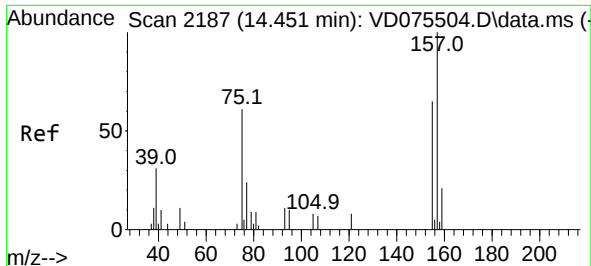
Tgt Ion:117 Resp: 9032
Ion Ratio Lower Upper
117 100
201 61.4 34.5 103.6



#91
1,2-Dichlorobenzene
Concen: 5.236 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

Tgt Ion:146 Resp: 21158
Ion Ratio Lower Upper
146 100
111 36.3 20.6 61.8
148 61.9 32.0 96.2

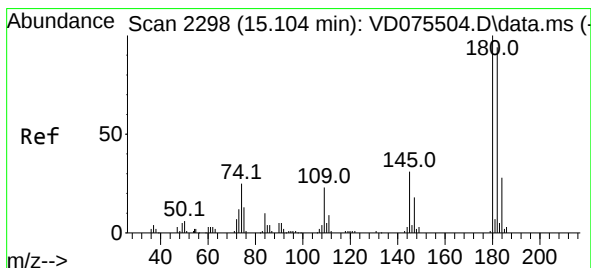
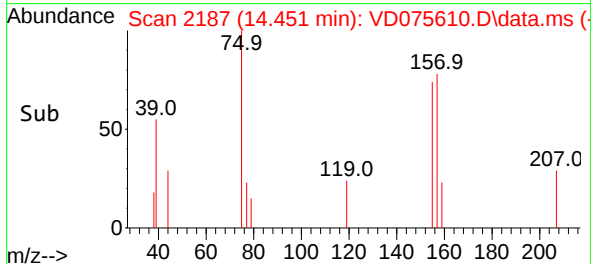
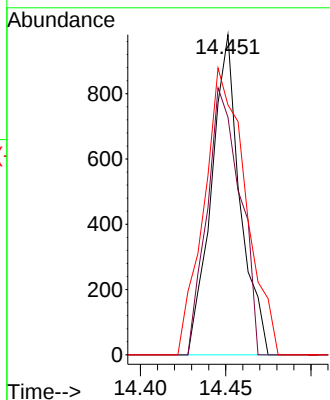
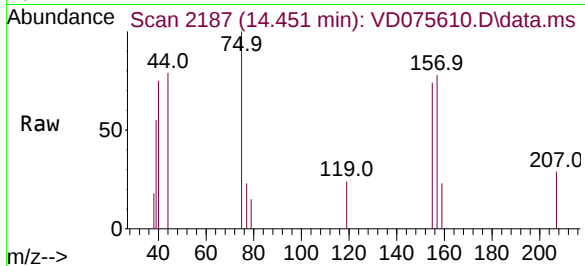




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.545 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.006 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

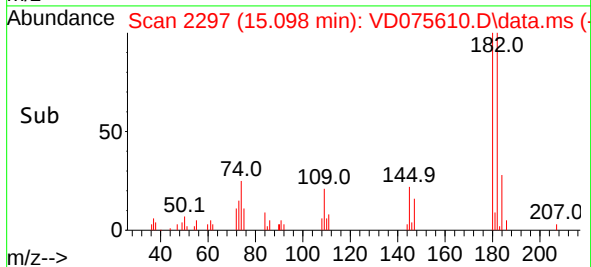
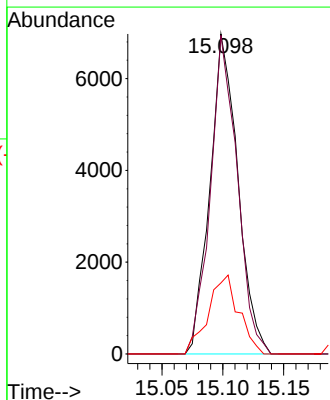
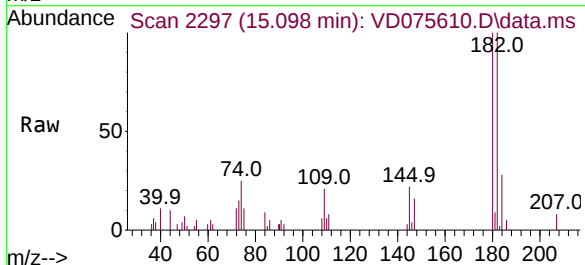
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

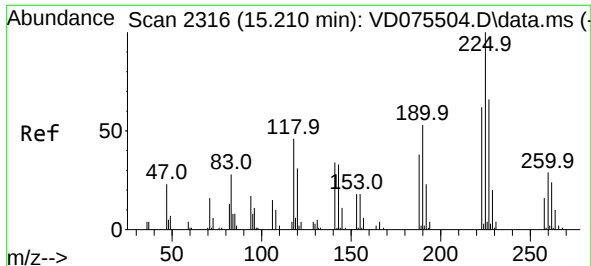
Tgt Ion: 75 Resp: 1154
 Ion Ratio Lower Upper
 75 100
 155 96.6 39.5 118.5
 157 129.0 53.5 160.7



#93
 1,2,4-Trichlorobenzene
 Concen: 5.207 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

Tgt Ion: 180 Resp: 11159
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.7
 145 26.9 15.9 47.7

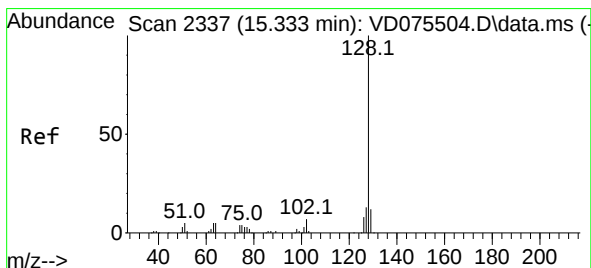
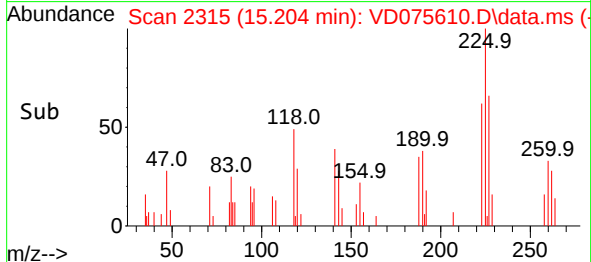
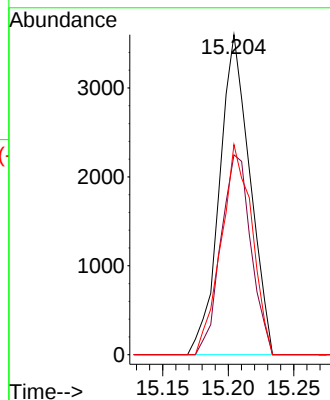
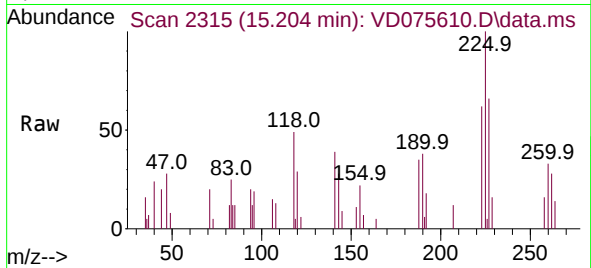




#94
Hexachlorobutadiene
Concen: 5.715 ug/l
RT: 15.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

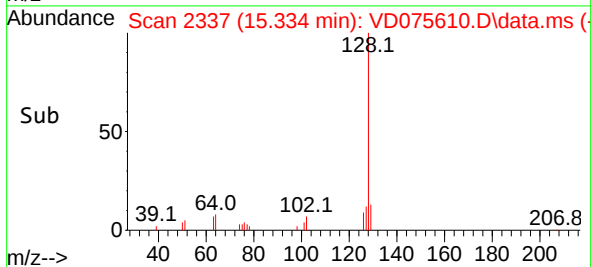
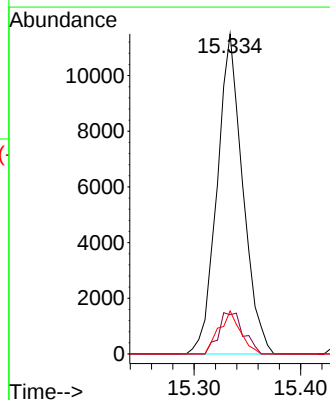
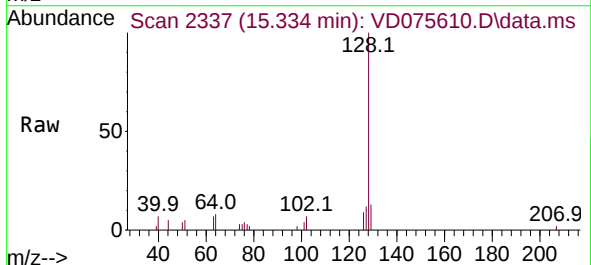
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

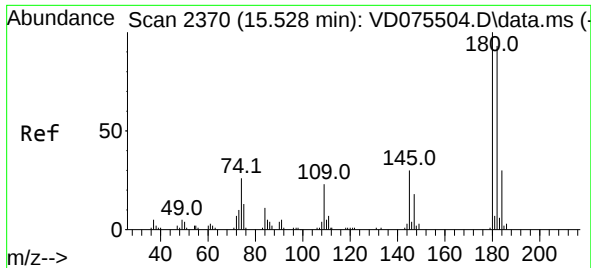
Tgt Ion:	225	Resp:	5802
Ion Ratio	Lower	Upper	
225	100		
223	61.8	33.1	99.2
227	66.4	31.9	95.9



#95
Naphthalene
Concen: 4.723 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VD075610.D
Acq: 10 Apr 2023 16:28

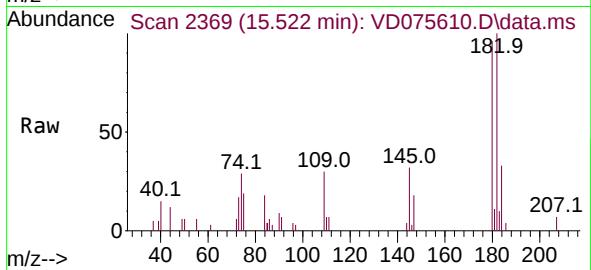
Tgt Ion:	128	Resp:	19219
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	11.2	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 4.886 ug/l
 RT: 15.522 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075610.D
 Acq: 10 Apr 2023 16:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion:	180	Resp:	9278
Ion	Ratio	Lower	Upper
180	100		
182	101.3	47.7	143.1
145	29.9	16.4	49.4

