

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075623.D
 Acq On : 11 Apr 2023 16:39
 Operator : KP/SY
 Sample : VD0411SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBS01

Quant Time: Apr 12 02:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	198306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	349275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	319289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88893	54.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.804	113	106999	52.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.540%	
50) Toluene-d8	10.269	98	410714	51.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.575	95	121007	48.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	30797	21.982	ug/l	92
3) Chloromethane	2.146	50	50066	18.201	ug/l	97
4) Vinyl Chloride	2.281	62	69778	20.458	ug/l	97
5) Bromomethane	2.681	94	55171	20.313	ug/l	97
6) Chloroethane	2.834	64	51380	21.475	ug/l	90
7) Trichlorofluoromethane	3.169	101	61390	21.100	ug/l	98
8) Diethyl Ether	3.599	74	18383	20.456	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.963	101	41256	21.542	ug/l	96
10) Methyl Iodide	4.163	142	47695	20.829	ug/l	91
11) Tert butyl alcohol	5.052	59	9653	125.511	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	39603	21.544	ug/l	83
13) Acrolein	3.799	56	14743	122.841	ug/l	100
14) Allyl chloride	4.552	41	34687	20.908	ug/l #	84
15) Acrylonitrile	5.257	53	36875	107.081	ug/l	97
16) Acetone	4.016	43	33595	113.335	ug/l	90
17) Carbon Disulfide	4.269	76	95413	20.054	ug/l	99
18) Methyl Acetate	4.563	43	19428	21.717	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	77799	20.025	ug/l	96
20) Methylene Chloride	4.799	84	76749	26.180	ug/l #	74
21) trans-1,2-Dichloroethene	5.310	96	45122	20.795	ug/l #	78
22) Diisopropyl ether	6.216	45	87565	21.517	ug/l #	92
23) Vinyl Acetate	6.157	43	203998	106.802	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	71791	21.362	ug/l	99
25) 2-Butanone	7.081	43	41415	107.659	ug/l #	67
26) 2,2-Dichloropropane	7.075	77	65481	21.240	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	52035	20.368	ug/l	82
28) Bromochloromethane	7.428	49	25781	22.452	ug/l #	52
29) Tetrahydrofuran	7.446	42	21962	107.808	ug/l #	54
30) Chloroform	7.598	83	80181	20.972	ug/l	99
31) Cyclohexane	7.881	56	46642	19.707	ug/l #	64
32) 1,1,1-Trichloroethane	7.793	97	66715	20.968	ug/l	96
36) 1,1-Dichloropropene	8.010	75	55300	21.154	ug/l	97
37) Ethyl Acetate	7.163	43	17938	22.823	ug/l #	77
38) Carbon Tetrachloride	7.993	117	51760	20.646	ug/l	91
39) Methylcyclohexane	9.275	83	58663	18.845	ug/l	90
40) Benzene	8.251	78	177345	21.053	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9077	21.088	ug/l #	64
42) 1,2-Dichloroethane	8.322	62	42246	21.585	ug/l	88
43) Isopropyl Acetate	8.357	43	32175	21.444	ug/l #	76
44) Trichloroethene	9.028	130	48801	19.779	ug/l	96
45) 1,2-Dichloropropane	9.304	63	41547	21.143	ug/l	98
46) Dibromomethane	9.398	93	25432	20.844	ug/l	97
47) Bromodichloromethane	9.587	83	62101	21.047	ug/l	99
48) Methyl methacrylate	9.381	41	12996	19.113	ug/l #	57
49) 1,4-Dioxane	9.387	88	5130	463.833	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	85143	105.415	ug/l #	79
52) Toluene	10.334	92	115094	20.230	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	54081	20.222	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	64977	19.982	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	36216	20.129	ug/l	90
56) Ethyl methacrylate	10.598	69	34607	19.955	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	55724	20.569	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	85129	101.528	ug/l #	84
59) 2-Hexanone	10.922	43	60614	106.525	ug/l	72
60) Dibromochloromethane	11.075	129	42895	19.968	ug/l	99
61) 1,2-Dibromoethane	11.181	107	33907	19.718	ug/l	98
64) Tetrachloroethene	10.810	164	40575	21.128	ug/l	92
65) Chlorobenzene	11.610	112	126401	20.395	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	45071	20.564	ug/l	95
67) Ethyl Benzene	11.687	91	208272	20.367	ug/l	96
68) m/p-Xylenes	11.798	106	172849	41.039	ug/l	90
69) o-Xylene	12.122	106	76563	19.449	ug/l	93
70) Styrene	12.139	104	135643	19.791	ug/l	94
71) Bromoform	12.304	173	24463	21.595	ug/l #	99
73) Isopropylbenzene	12.422	105	199715	20.658	ug/l	99
74) N-amyl acetate	12.239	43	28574	21.074	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.675	83	40467	22.378	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	22954m	18.826	ug/l	
77) Bromobenzene	12.704	156	50258	20.596	ug/l	93
78) n-propylbenzene	12.763	91	247448	21.288	ug/l	98
79) 2-Chlorotoluene	12.851	91	137443	21.379	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	167471	21.152	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	11581	21.769	ug/l #	73
82) 4-Chlorotoluene	12.951	91	144867	21.723	ug/l	93
83) tert-Butylbenzene	13.169	119	137507	20.002	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	171148	21.405	ug/l	95
85) sec-Butylbenzene	13.345	105	221926	21.124	ug/l	98
86) p-Isopropyltoluene	13.463	119	182927	20.714	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	103708	20.352	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	102372	20.314	ug/l	98
89) n-Butylbenzene	13.792	91	168108	20.937	ug/l	98
90) Hexachloroethane	14.057	117	36550	21.880	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	88833	20.224	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5068	22.405	ug/l	72
93) 1,2,4-Trichlorobenzene	15.098	180	47940	20.578	ug/l	99
94) Hexachlorobutadiene	15.204	225	23493	21.290	ug/l	98
95) Naphthalene	15.333	128	90730	20.511	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	43227	20.943	ug/l	97

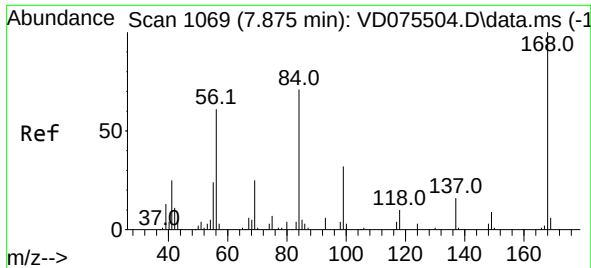
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Response via : Initial Calibration

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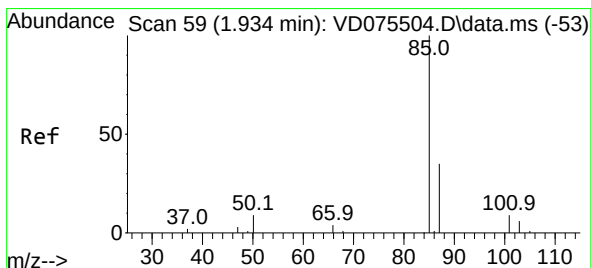
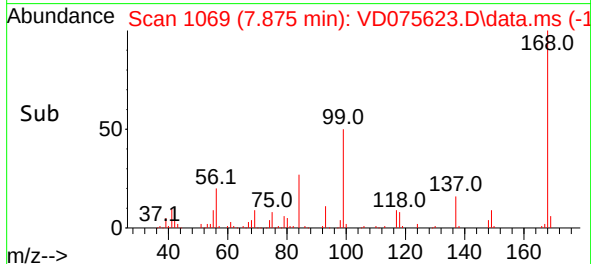
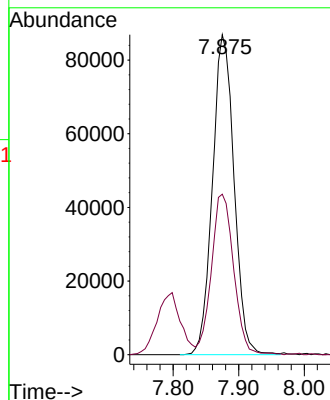
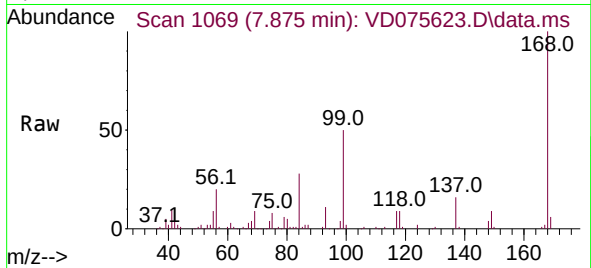
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

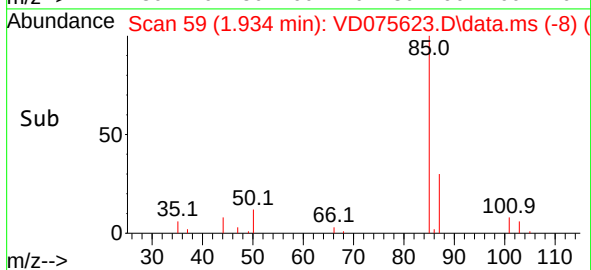
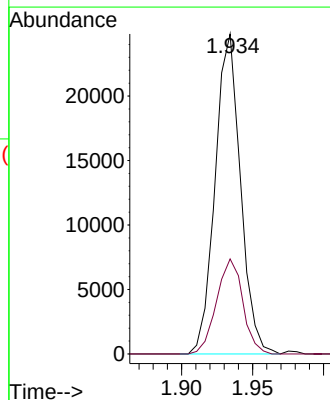
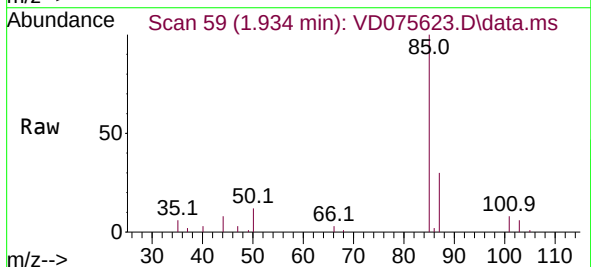
Instrument :
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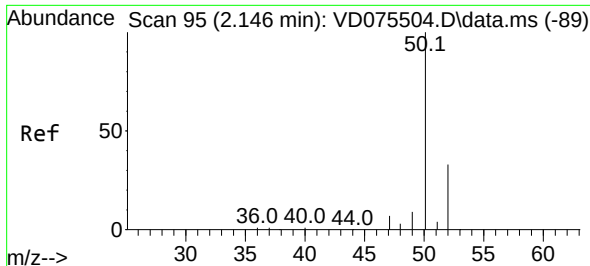
Tgt Ion:168 Resp: 198306
Ion Ratio Lower Upper
168 100
99 49.9 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 21.982 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 85 Resp: 30797
Ion Ratio Lower Upper
85 100
87 29.7 17.3 51.7

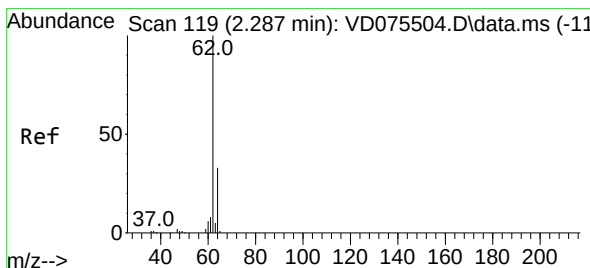
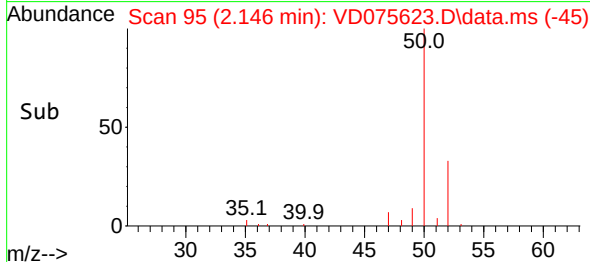
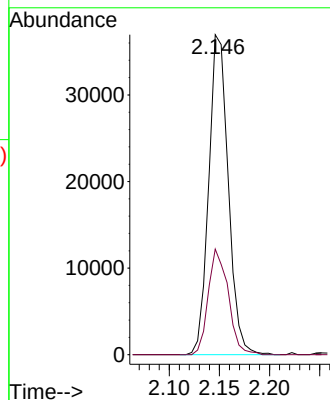
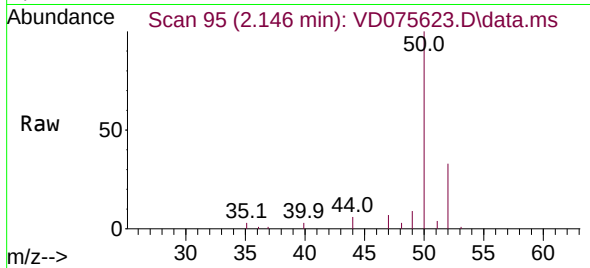




#3
Chloromethane
Concen: 18.201 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

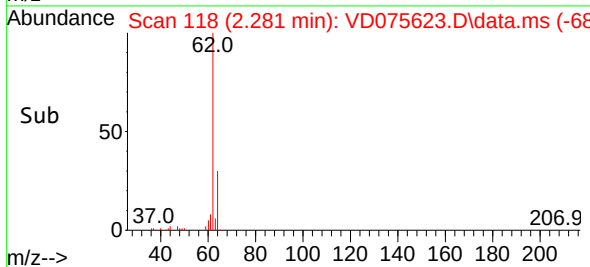
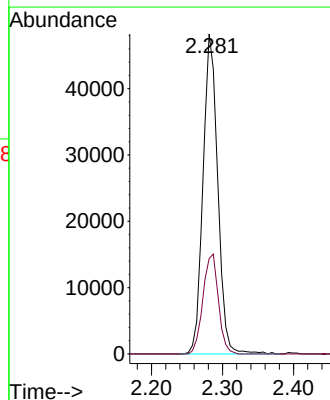
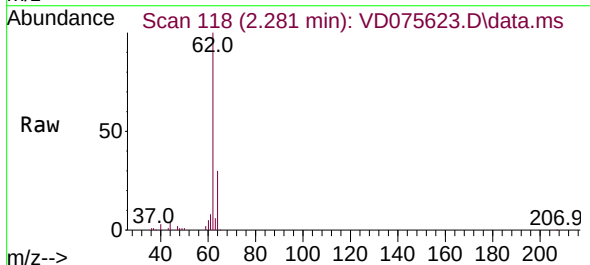
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

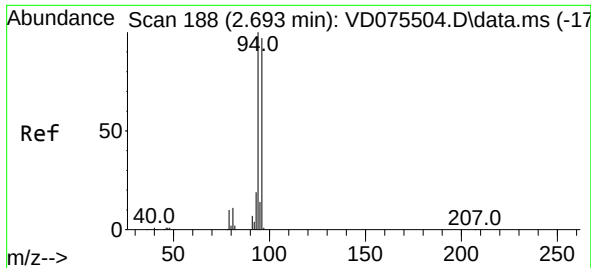
Tgt Ion: 50 Resp: 50066
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8



#4
Vinyl Chloride
Concen: 20.458 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 62 Resp: 69778
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0

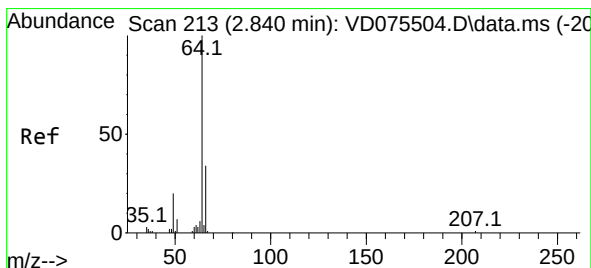
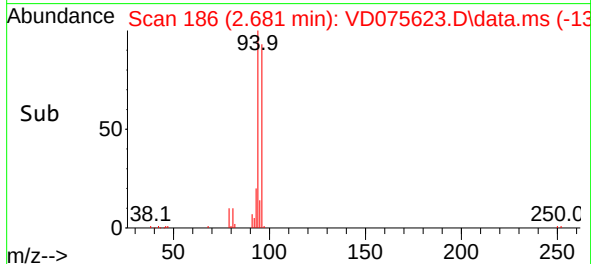
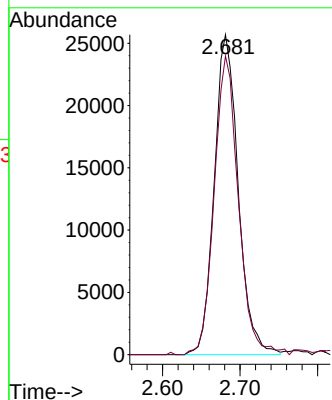
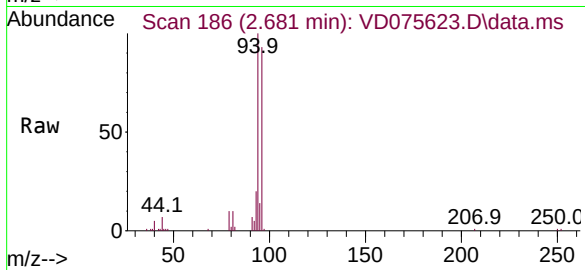




#5
Bromomethane
Concen: 20.313 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

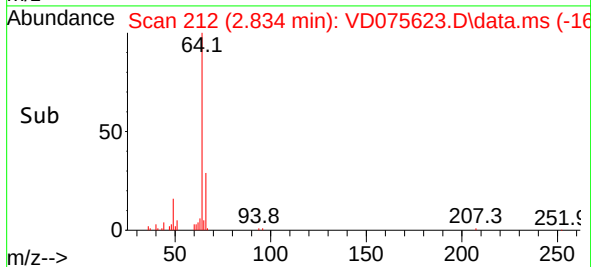
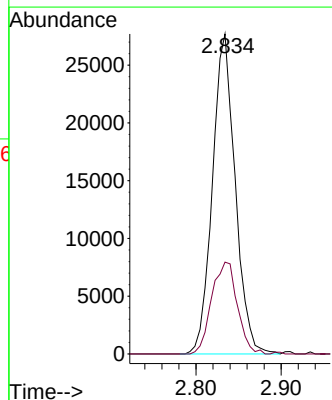
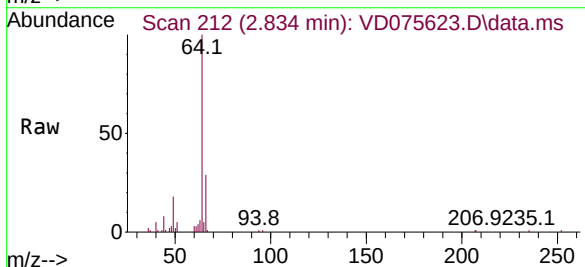
Instrument :
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ClientSampleId :
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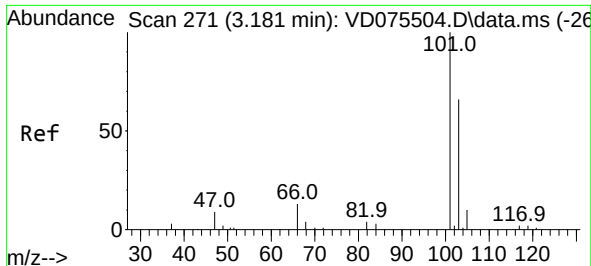
Tgt Ion: 94 Resp: 55171
Ion Ratio Lower Upper
94 100
96 94.3 77.5 116.3



#6
Chloroethane
Concen: 21.475 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 64 Resp: 51380
Ion Ratio Lower Upper
64 100
66 28.7 27.7 41.5

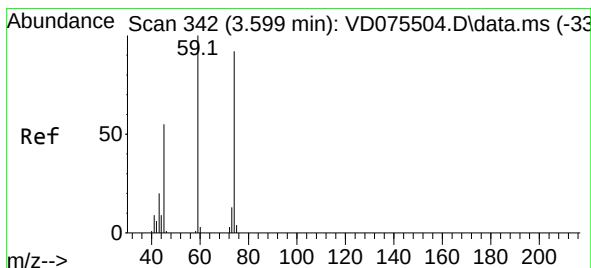
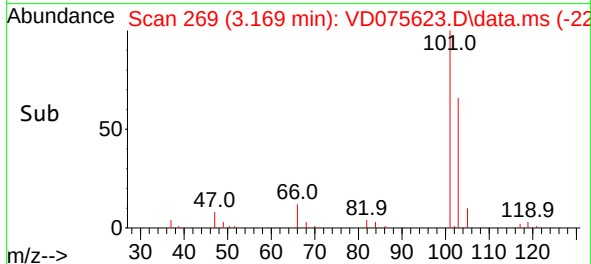
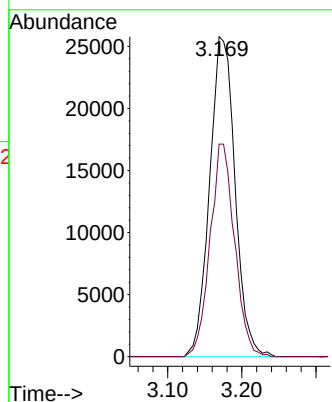
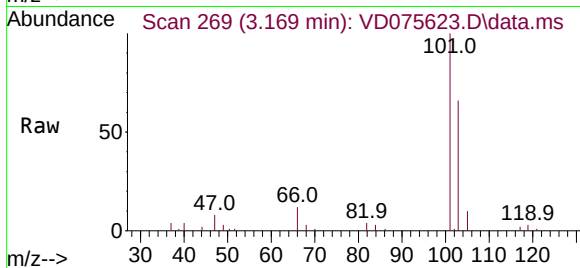




#7
 Trichlorofluoromethane
 Concen: 21.100 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

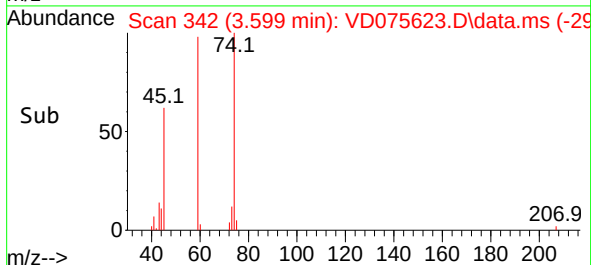
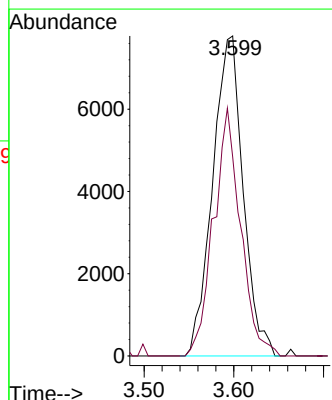
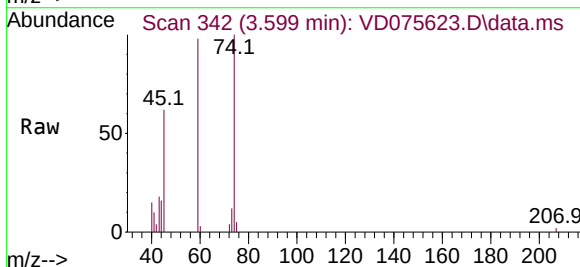
Instrument :
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 ClientSampleId :
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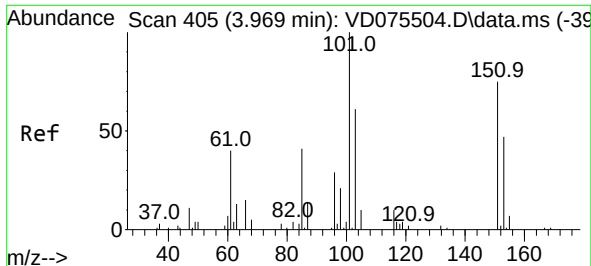
Tgt Ion:101 Resp: 61390
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.456 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

Tgt Ion: 74 Resp: 18383
 Ion Ratio Lower Upper
 74 100
 45 68.5 50.9 152.7

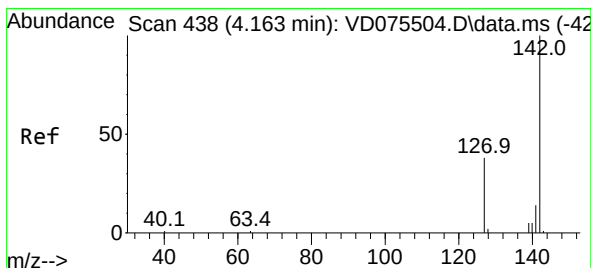
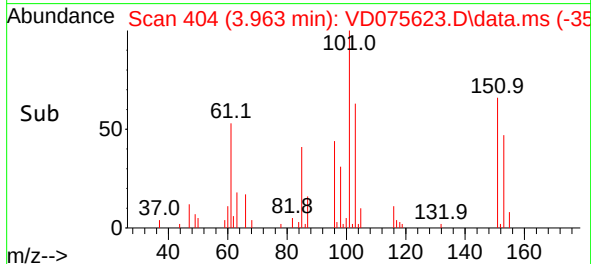
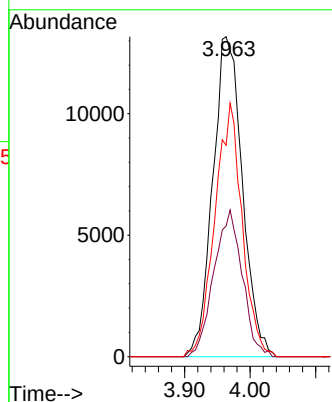
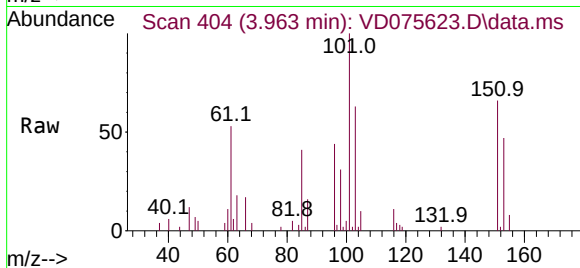




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.542 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

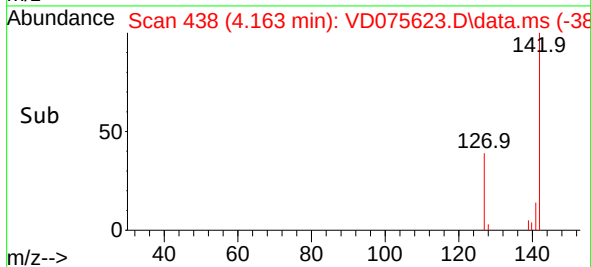
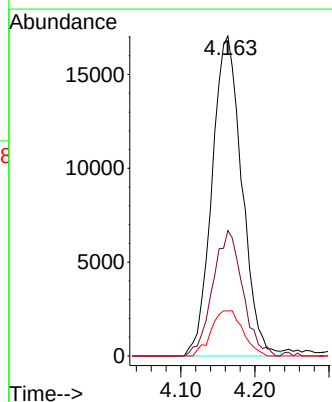
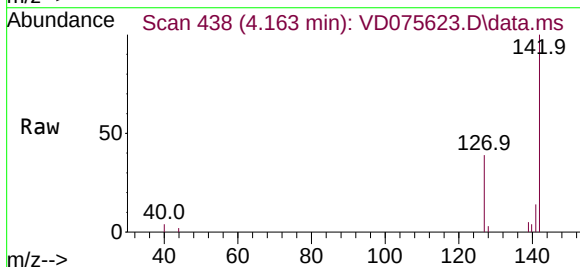
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

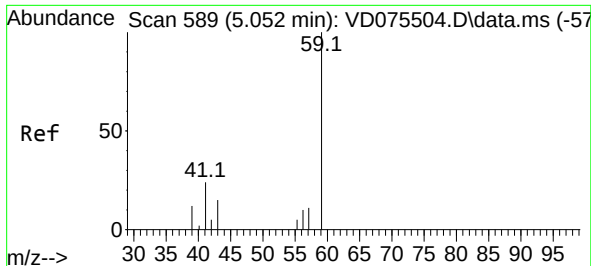
Tgt Ion:101 Resp: 41256
Ion Ratio Lower Upper
101 100
85 43.9 38.3 57.5
151 73.0 60.4 90.6



#10
Methyl Iodide
Concen: 20.829 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:142 Resp: 47695
Ion Ratio Lower Upper
142 100
127 39.2 37.1 55.7
141 15.0 11.3 16.9

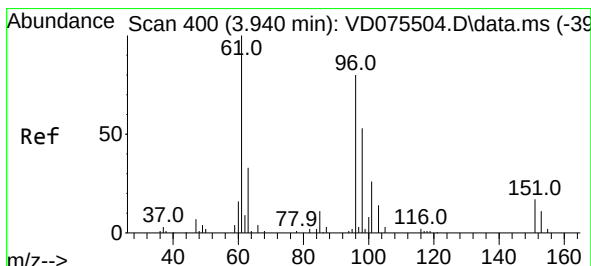
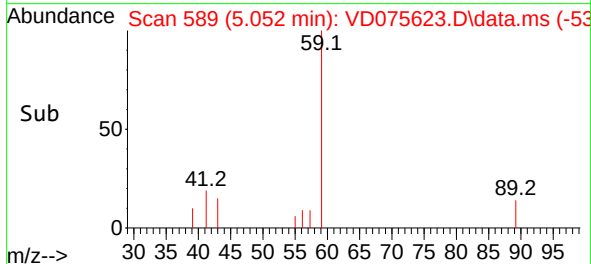
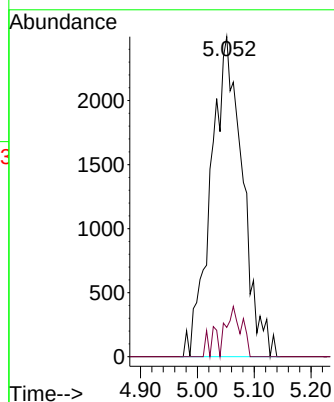
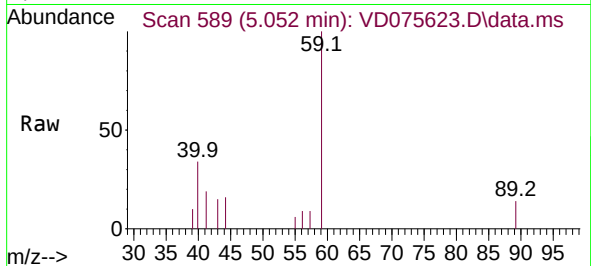




#11
Tert butyl alcohol
Concen: 125.511 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

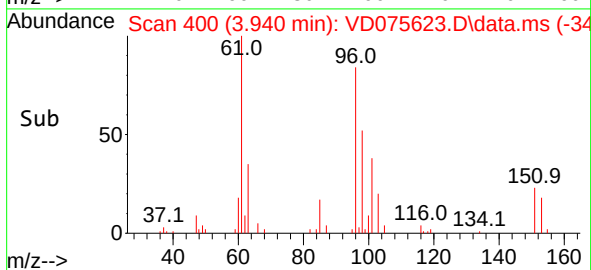
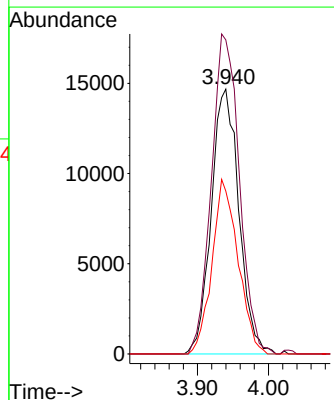
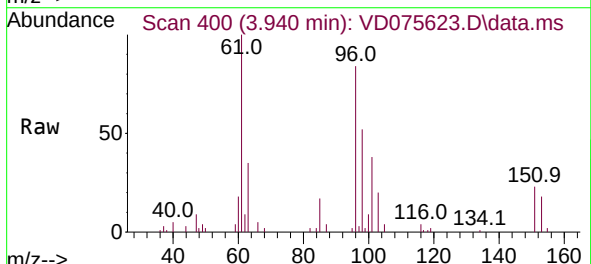
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

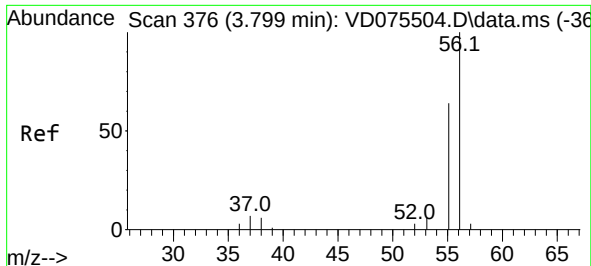
Tgt Ion: 59 Resp: 9653
Ion Ratio Lower Upper
59 100
57 7.7 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.544 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 96 Resp: 39603
Ion Ratio Lower Upper
96 100
61 118.6 118.6 177.8
98 61.5 49.7 74.5





#13

Acrolein

Concen: 122.841 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

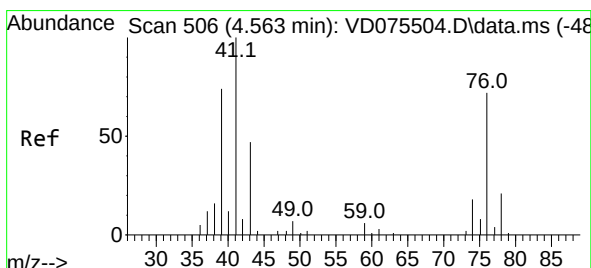
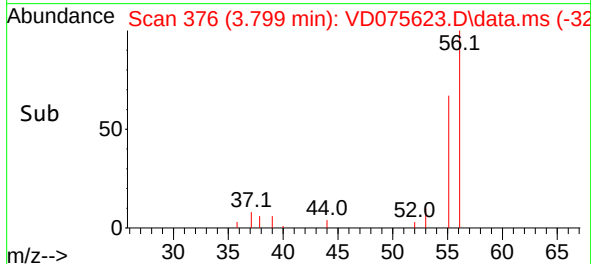
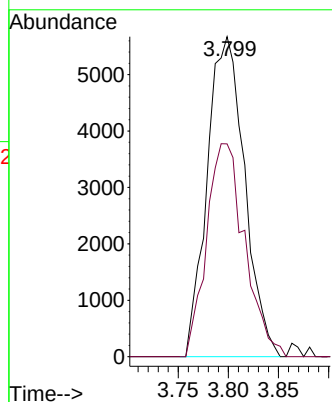
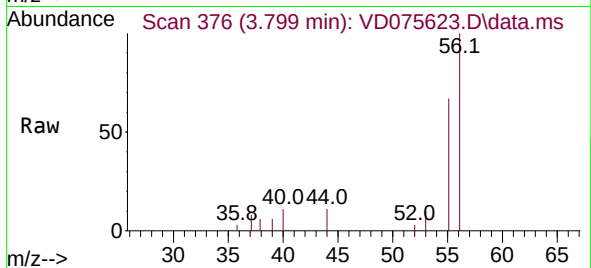
VD0411SBSD01

Tgt Ion: 56 Resp: 14743

Ion Ratio Lower Upper

56 100

55 67.7 53.9 80.9



#14

Allyl chloride

Concen: 20.908 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.012 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

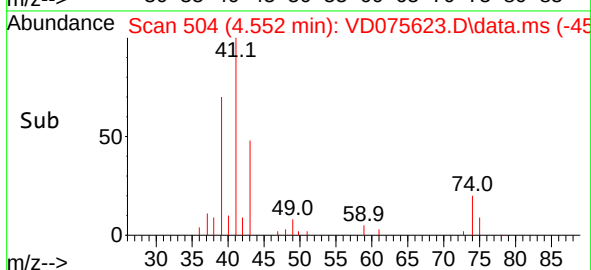
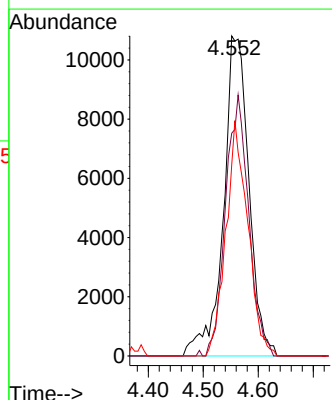
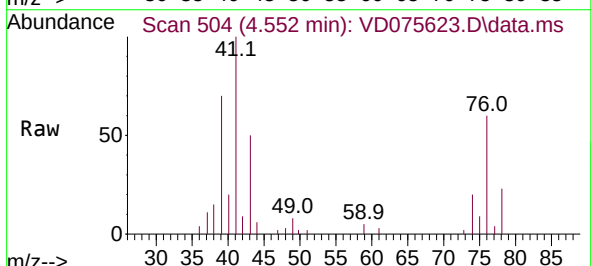
Tgt Ion: 41 Resp: 34687

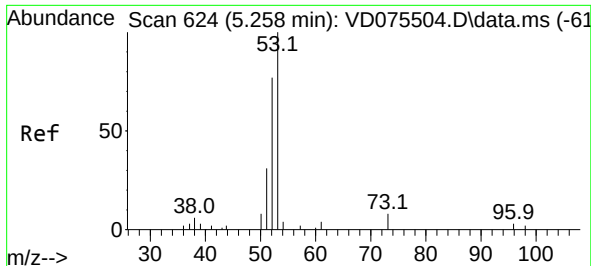
Ion Ratio Lower Upper

41 100

39 73.9 60.6 90.8

76 63.3 28.6 43.0#

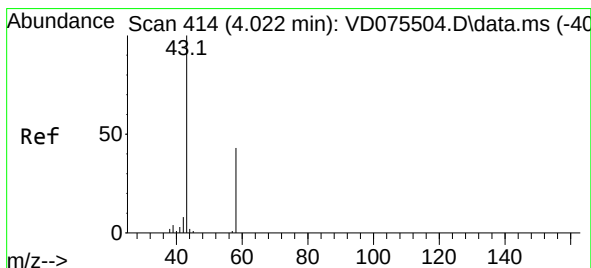
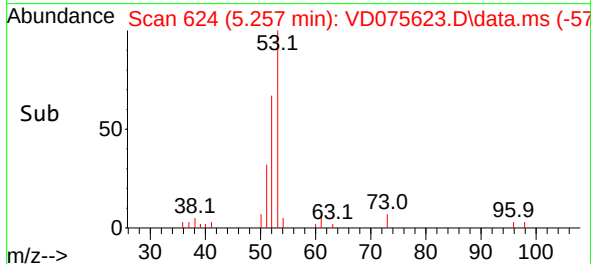
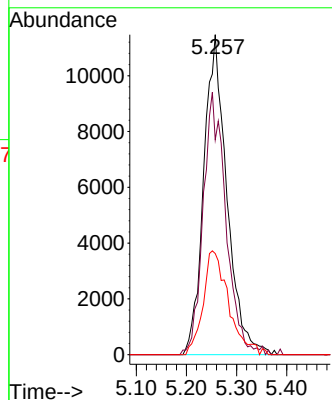
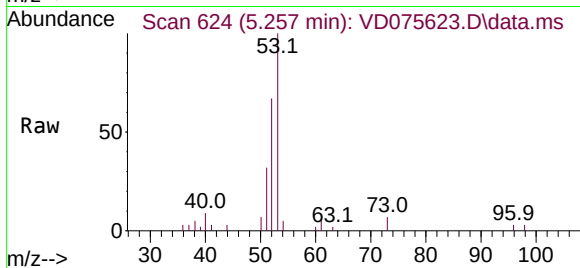




#15
Acrylonitrile
Concen: 107.081 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

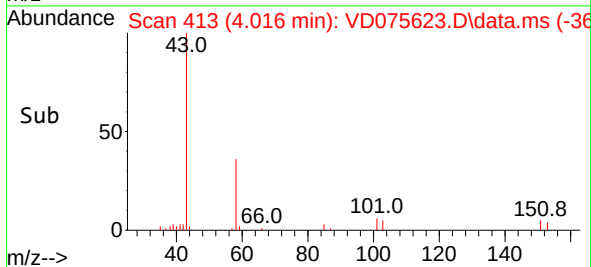
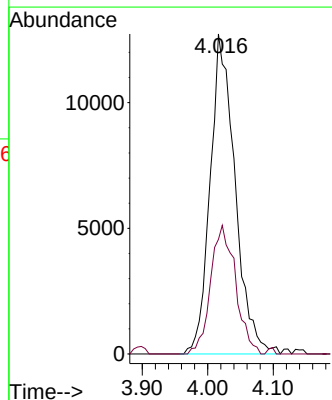
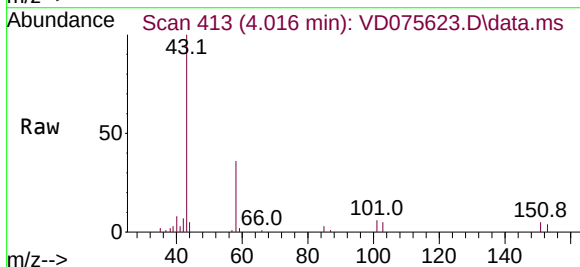
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

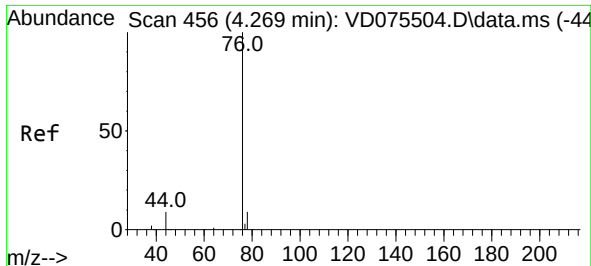
Tgt Ion:	53	Resp:	36875
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.2	99.4
51	35.8	30.7	46.1



#16
Acetone
Concen: 113.335 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:	43	Resp:	33595
Ion	Ratio	Lower	Upper
43	100		
58	35.8	24.4	36.6

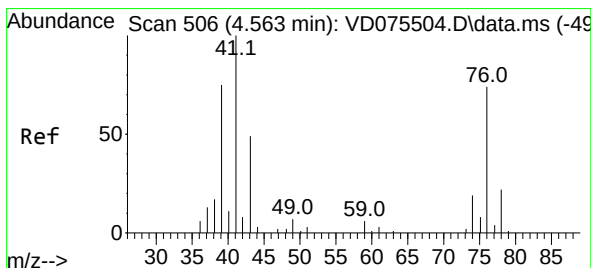
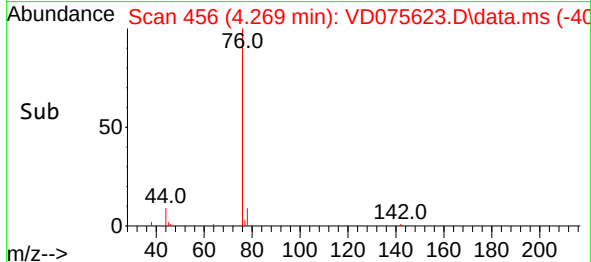
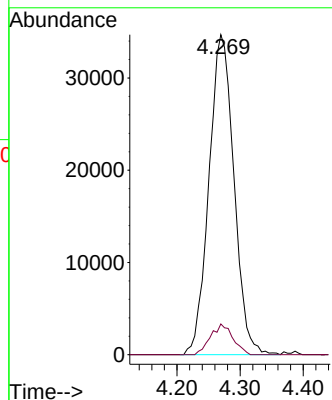
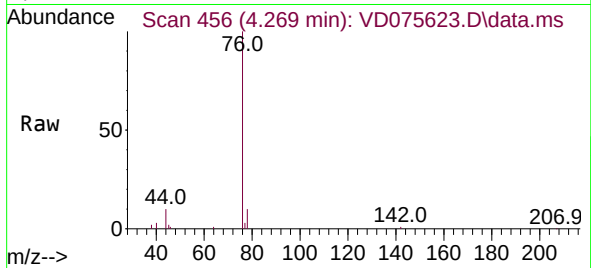




#17
Carbon Disulfide
Concen: 20.054 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

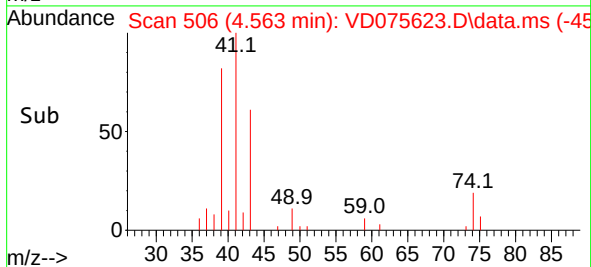
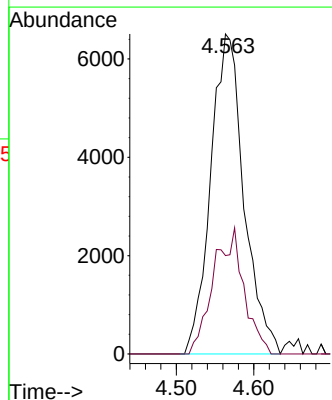
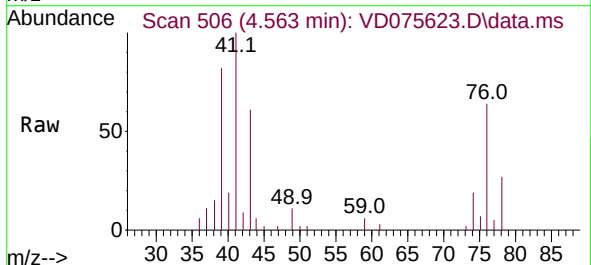
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

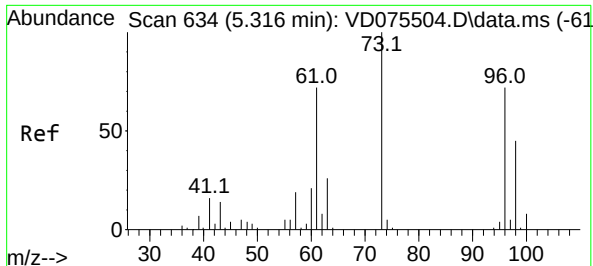
Tgt Ion: 76 Resp: 95413
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0



#18
Methyl Acetate
Concen: 21.717 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 43 Resp: 19428
Ion Ratio Lower Upper
43 100
74 36.2 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 20.025 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

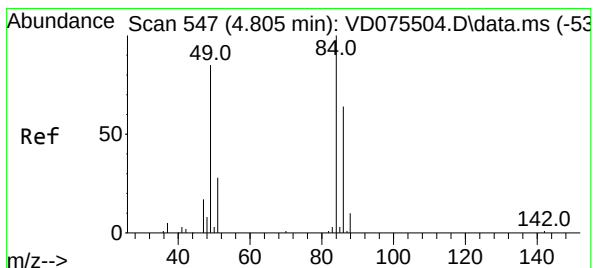
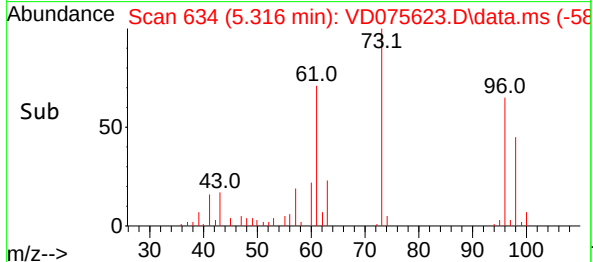
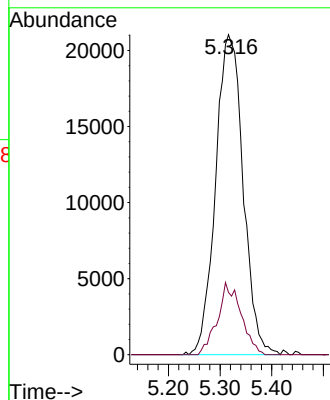
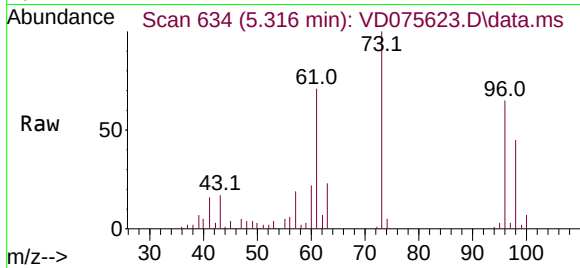
VD0411SBSD01

Tgt Ion: 73 Resp: 77799

Ion Ratio Lower Upper

73 100

57 19.5 17.2 25.8



#20

Methylene Chloride

Concen: 26.180 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Tgt Ion: 84 Resp: 76749

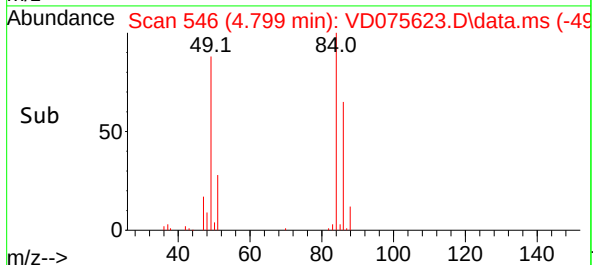
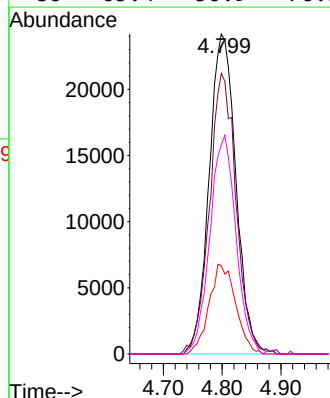
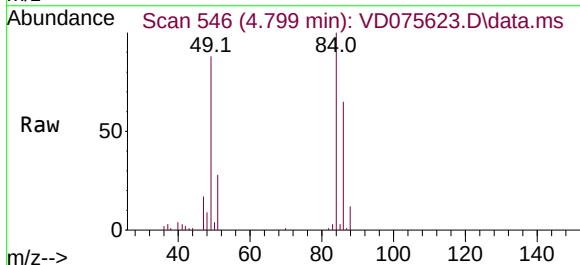
Ion Ratio Lower Upper

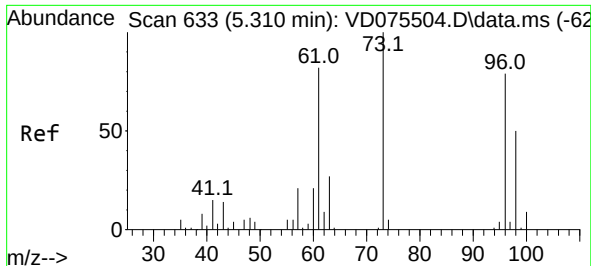
84 100

49 87.7 106.4 159.6#

51 27.6 32.4 48.6#

86 65.4 50.9 76.3

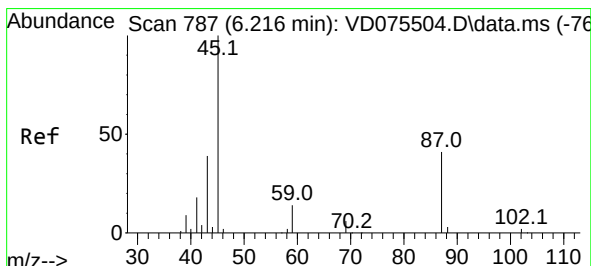
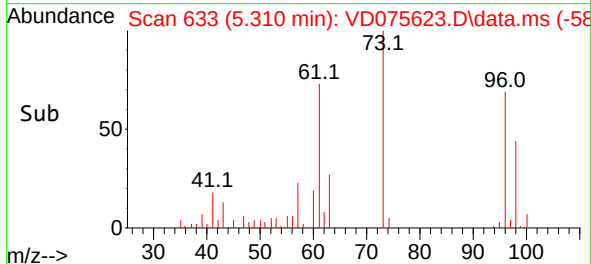
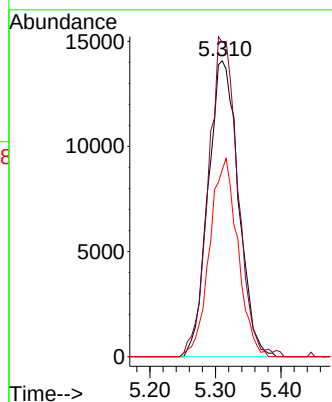
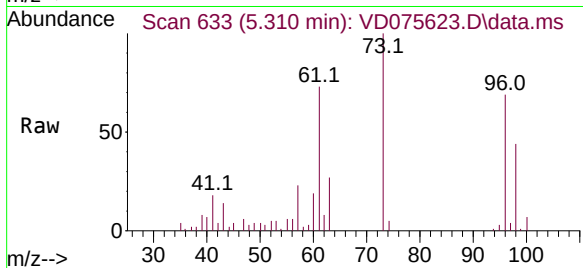




#21
trans-1,2-Dichloroethene
Concen: 20.795 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

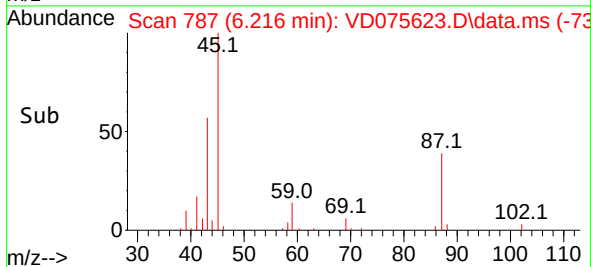
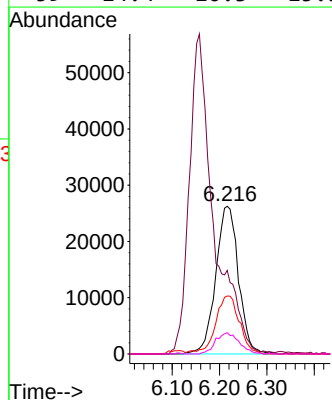
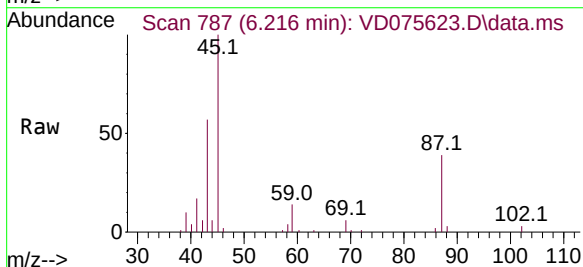
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

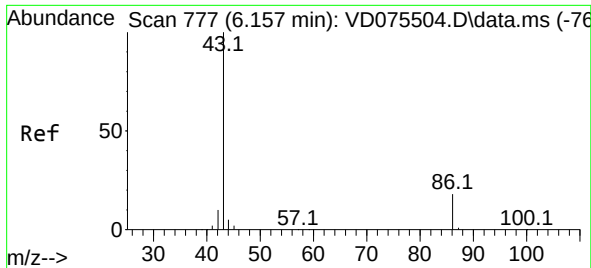
Tgt Ion: 96 Resp: 45122
Ion Ratio Lower Upper
96 100
61 106.3 117.2 175.8#
98 63.2 50.6 76.0



#22
Diisopropyl ether
Concen: 21.517 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 45 Resp: 87565
Ion Ratio Lower Upper
45 100
43 54.7 44.4 66.6
87 39.2 20.9 31.3#
59 14.4 10.3 15.5

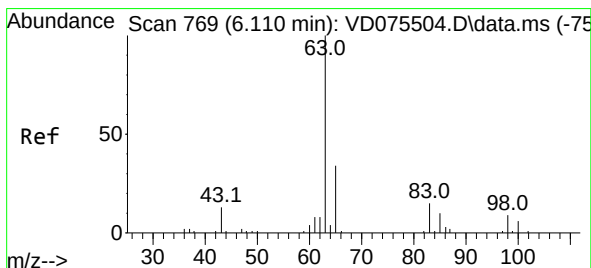
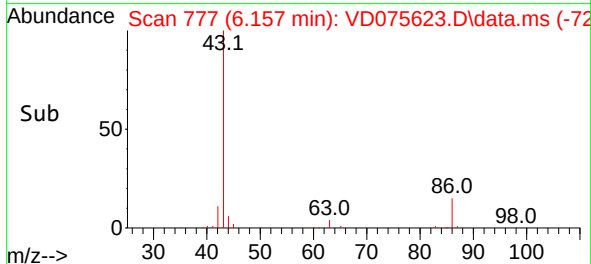
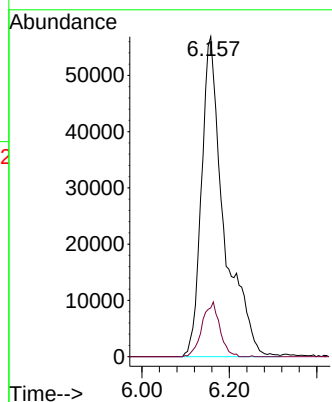
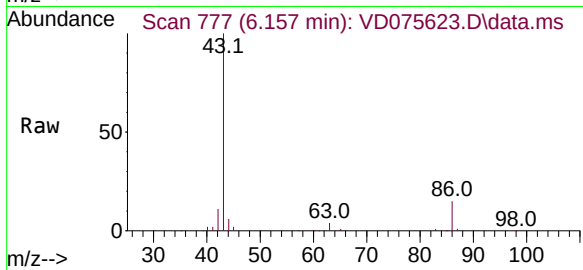




#23
 Vinyl Acetate
 Concen: 106.802 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

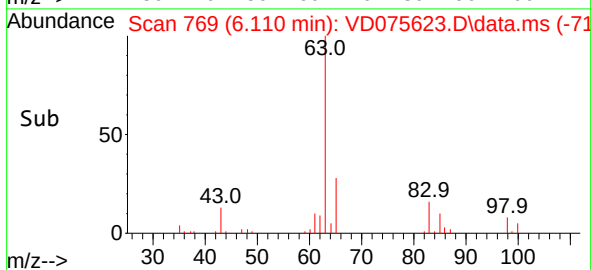
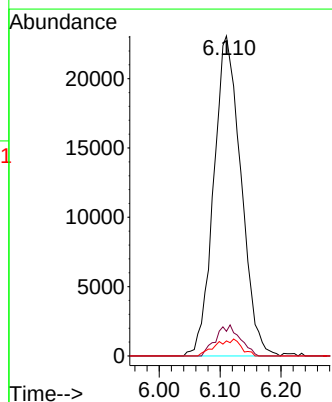
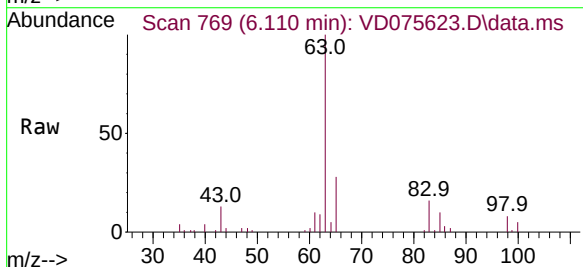
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

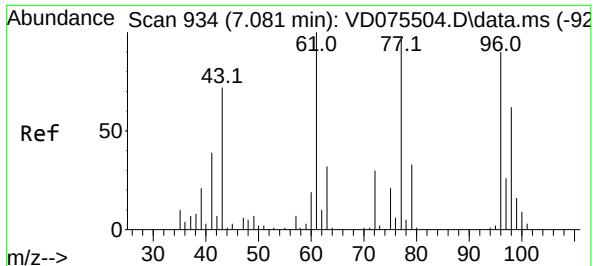
Tgt Ion: 43 Resp: 203998
 Ion Ratio Lower Upper
 43 100
 86 15.2 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.362 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

Tgt Ion: 63 Resp: 71791
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.7 2.0 6.0

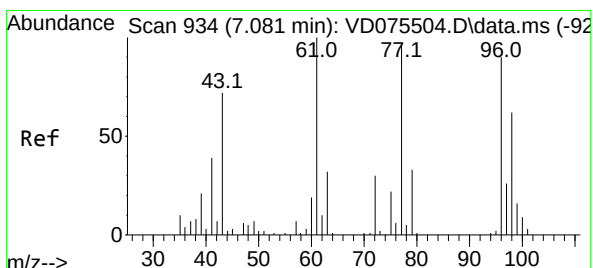
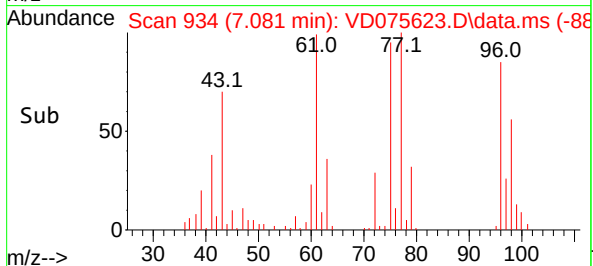
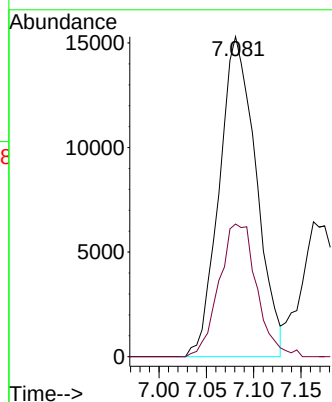
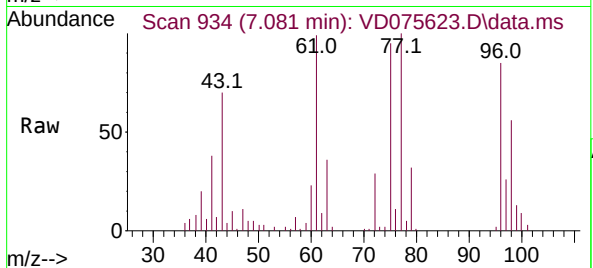




#25
2-Butanone
Concen: 107.659 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

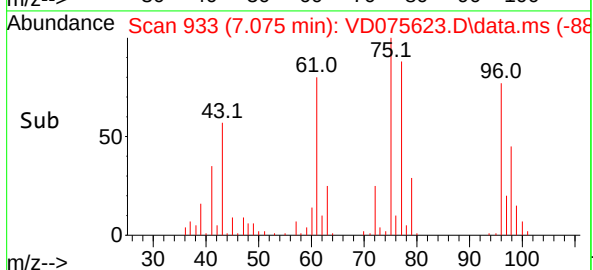
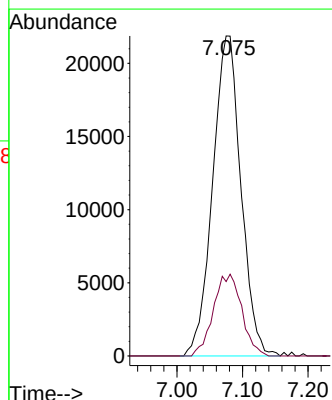
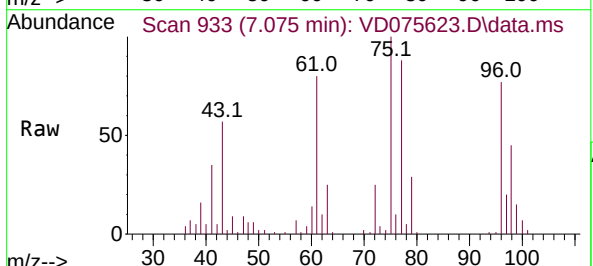
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

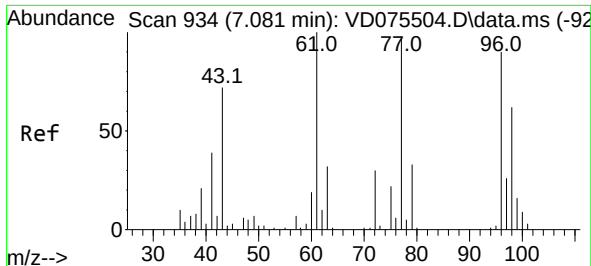
Tgt Ion: 43 Resp: 41415
Ion Ratio Lower Upper
43 100
72 41.4 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 21.240 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 77 Resp: 65481
Ion Ratio Lower Upper
77 100
97 25.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.368 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

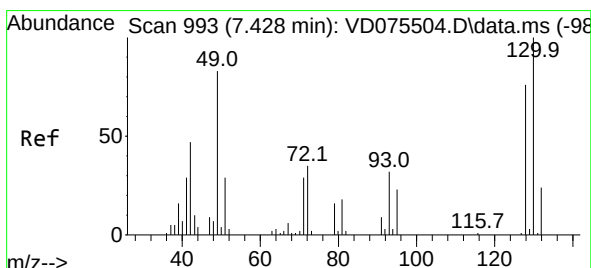
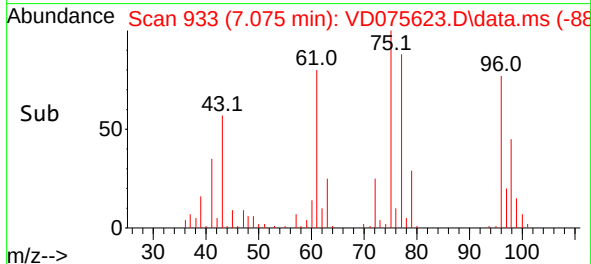
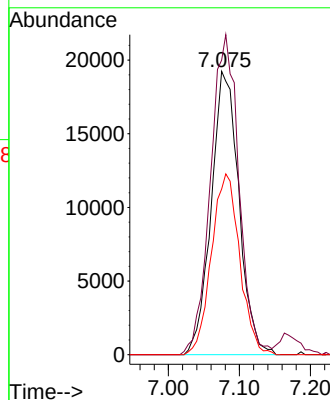
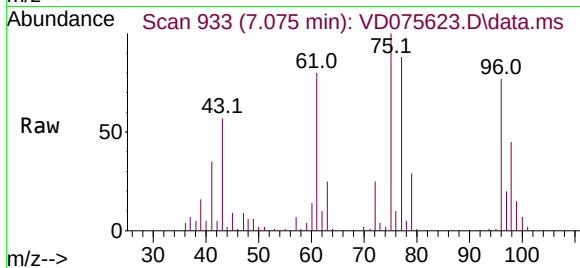
Tgt Ion: 96 Resp: 52035

Ion Ratio Lower Upper

96 100

61 115.9 0.0 295.2

98 65.1 0.0 129.2



#28

Bromochloromethane

Concen: 22.452 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

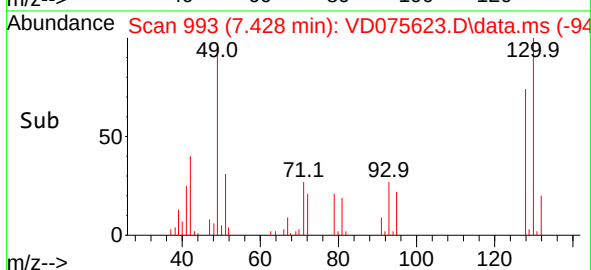
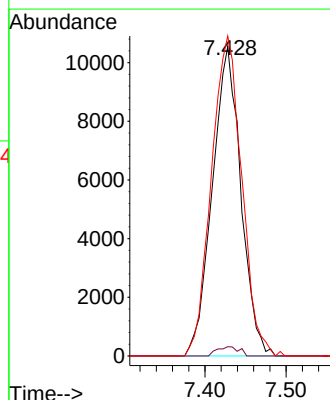
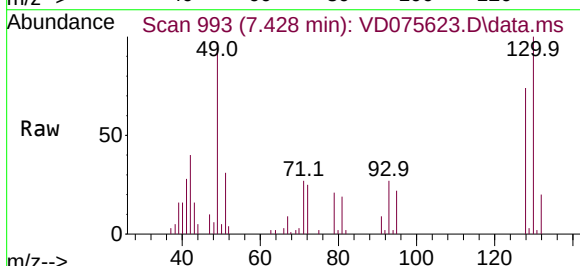
Tgt Ion: 49 Resp: 25781

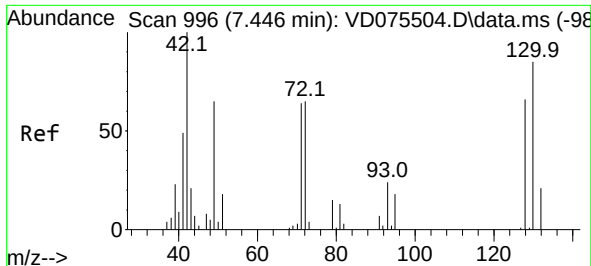
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 109.9 56.0 84.0#

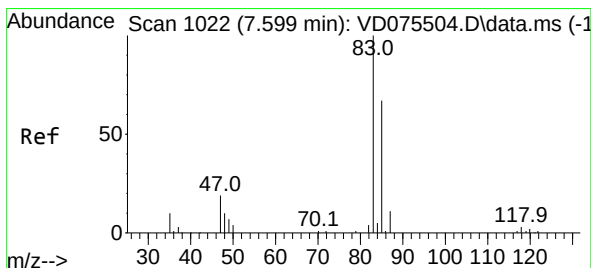
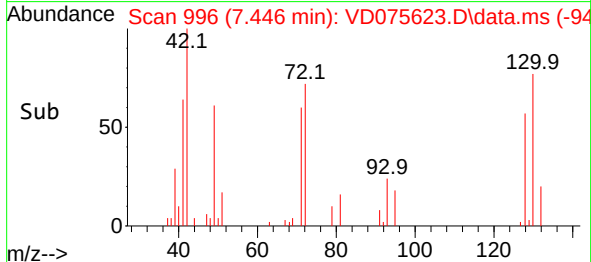
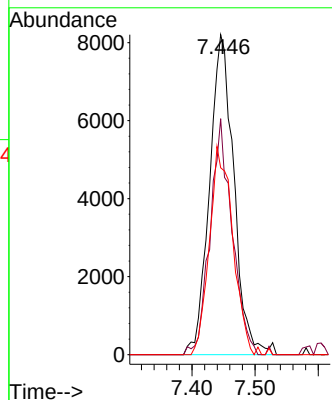
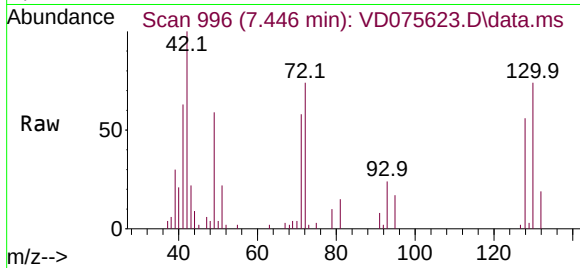




#29
Tetrahydrofuran
Concen: 107.808 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

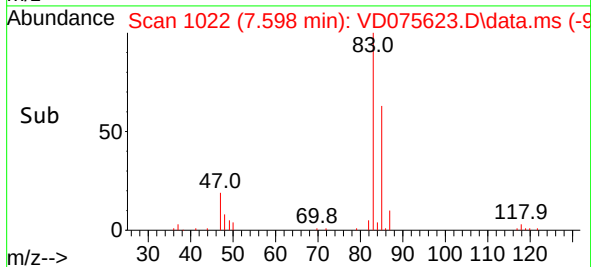
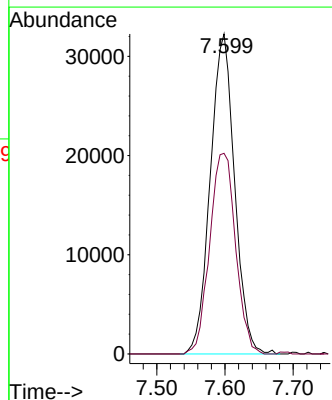
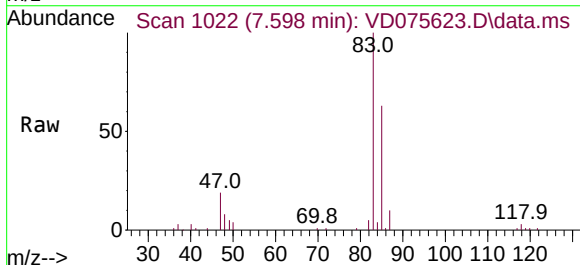
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

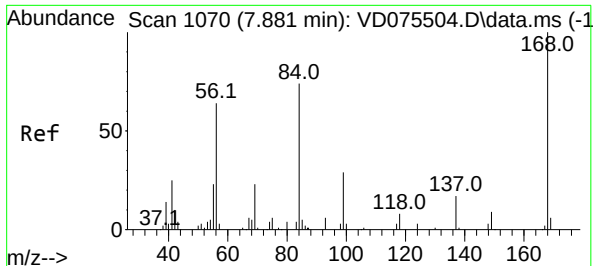
Tgt Ion: 42 Resp: 21962
Ion Ratio Lower Upper
42 100
72 66.5 31.8 47.6#
71 62.1 27.6 41.4#



#30
Chloroform
Concen: 20.972 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 83 Resp: 80181
Ion Ratio Lower Upper
83 100
85 62.7 49.4 74.2

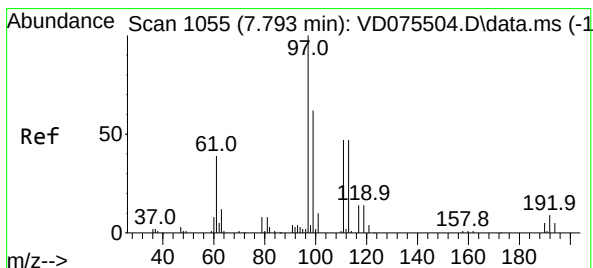
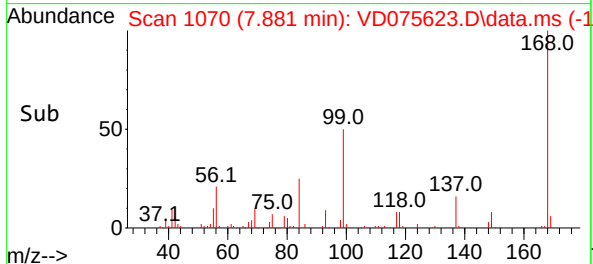
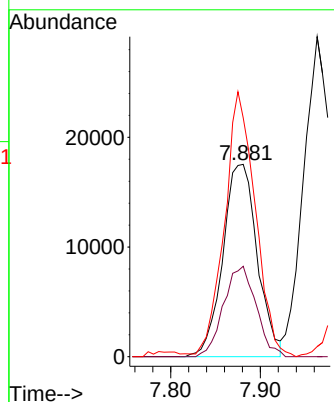
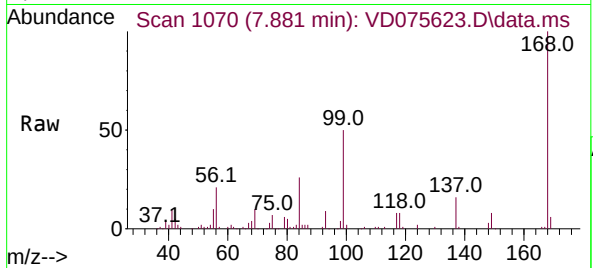




#31
Cyclohexane
Concen: 19.707 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

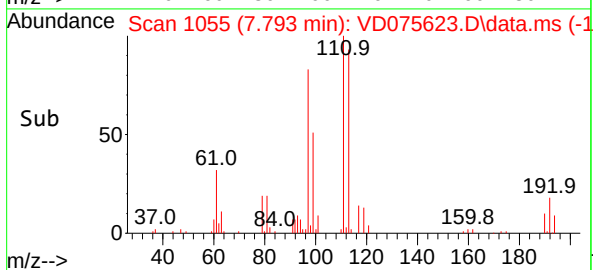
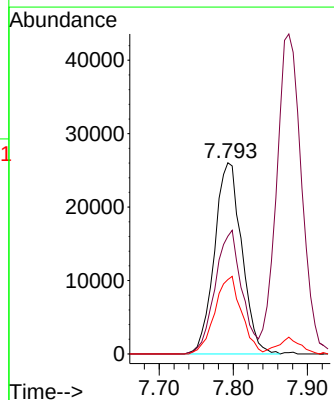
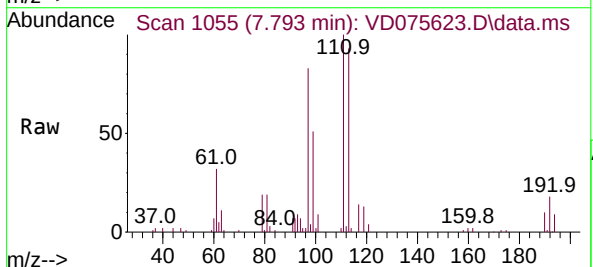
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

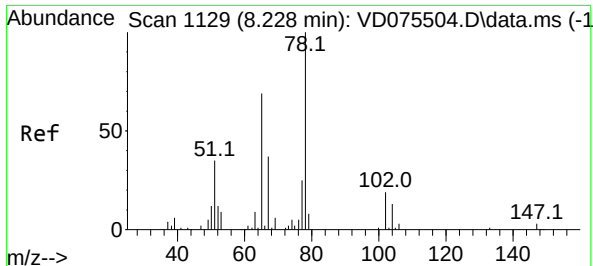
Tgt Ion: 56 Resp: 46642
Ion Ratio Lower Upper
56 100
69 47.0 25.5 38.3#
84 122.7 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.968 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 97 Resp: 66715
Ion Ratio Lower Upper
97 100
99 63.4 50.5 75.7
61 39.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 54.643 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

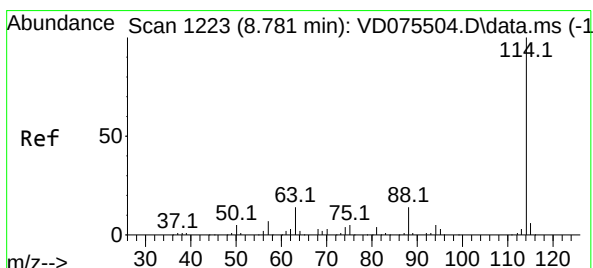
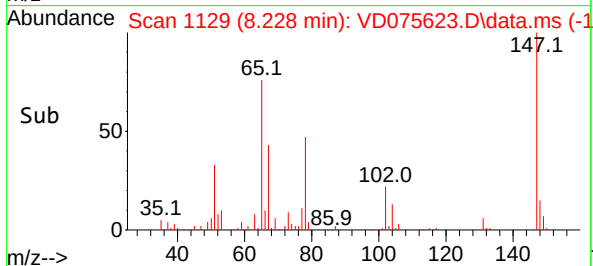
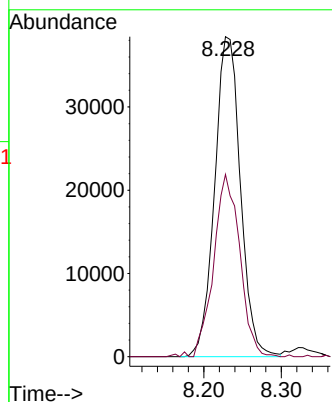
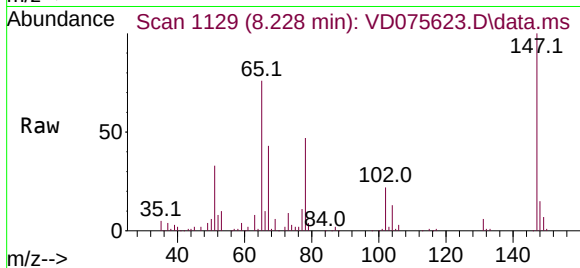
VD0411SBSD01

Tgt Ion: 65 Resp: 88893

Ion Ratio Lower Upper

65 100

67 57.4 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

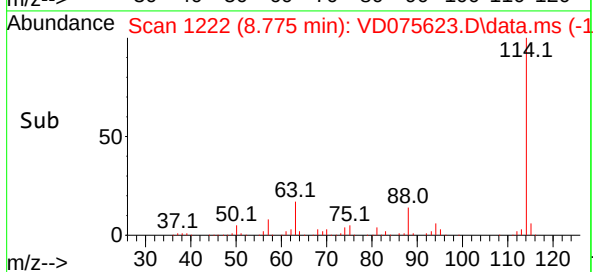
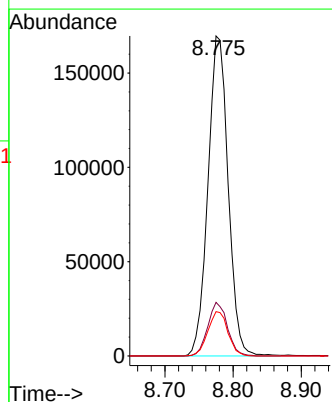
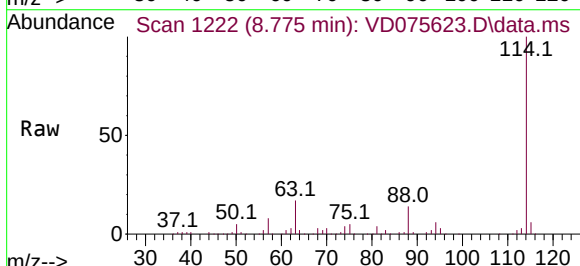
Tgt Ion: 114 Resp: 349275

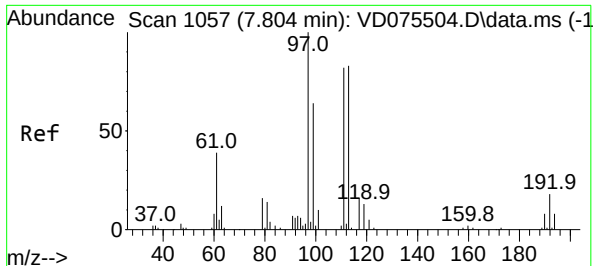
Ion Ratio Lower Upper

114 100

63 16.8 0.0 41.6

88 13.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.272 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

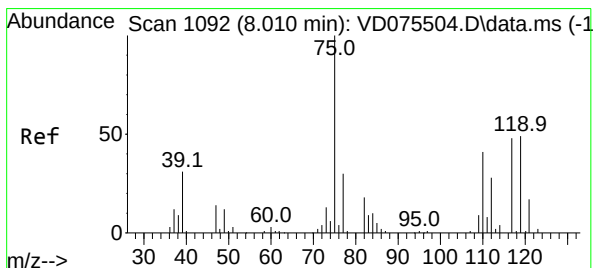
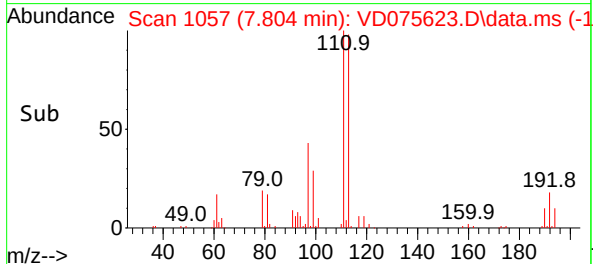
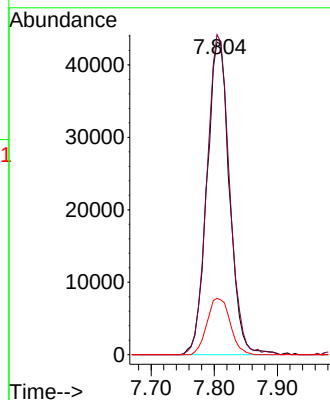
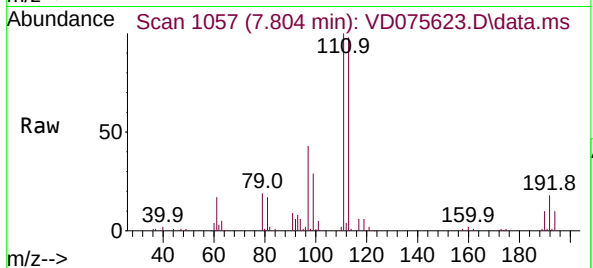
Tgt Ion:113 Resp: 106999

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.5 15.2 22.8



#36

1,1-Dichloropropene

Concen: 21.154 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

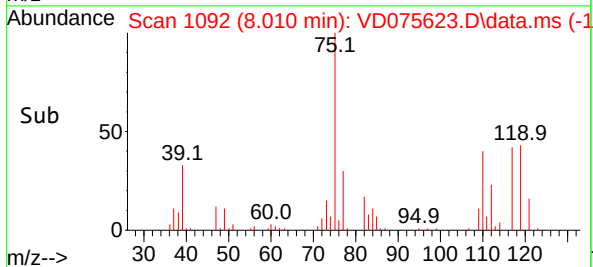
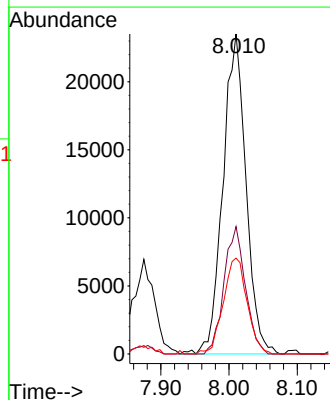
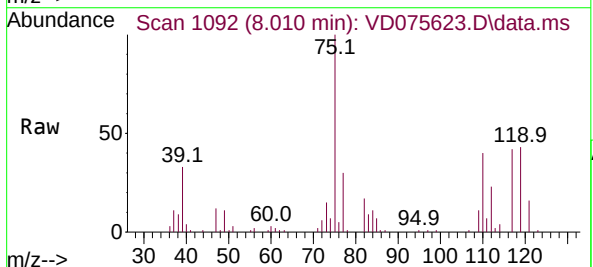
Tgt Ion: 75 Resp: 55300

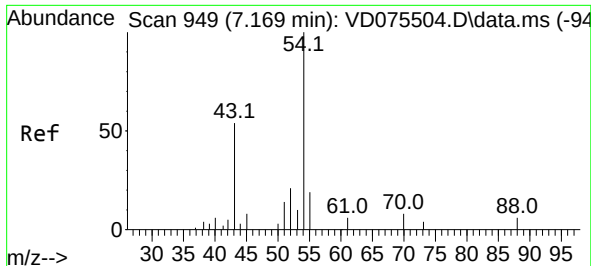
Ion Ratio Lower Upper

75 100

110 36.9 17.1 51.2

77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 22.823 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

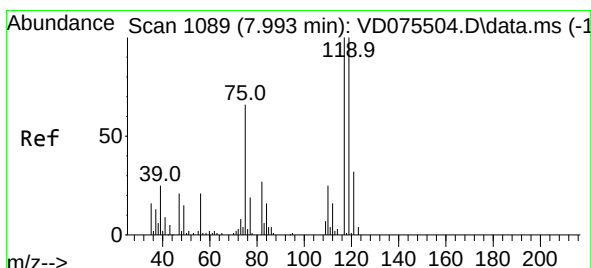
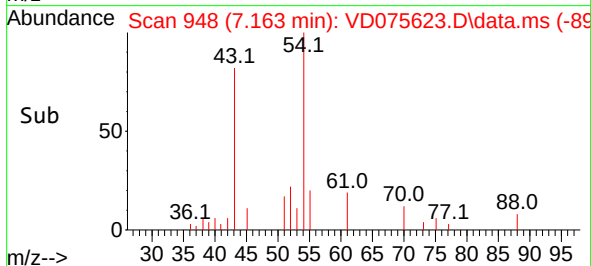
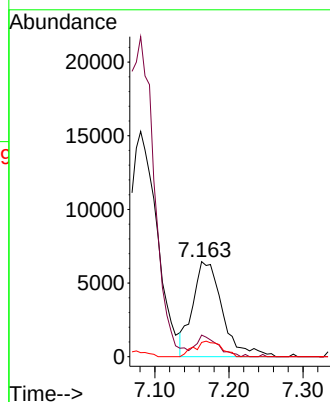
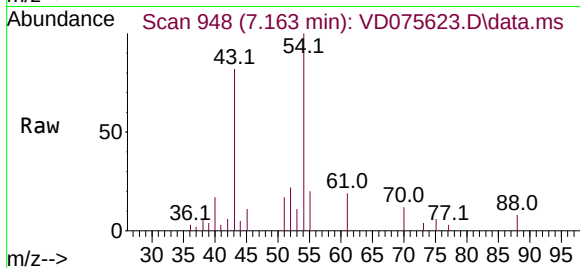
Tgt Ion: 43 Resp: 17938

Ion Ratio Lower Upper

43 100

61 16.6 0.0 0.0#

70 14.9 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 20.646 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

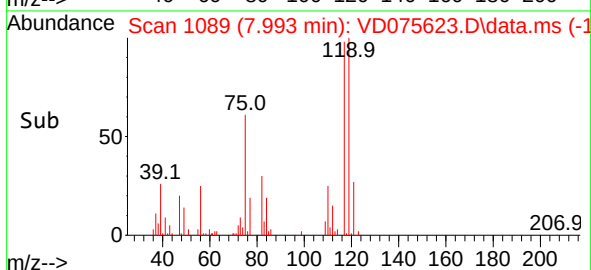
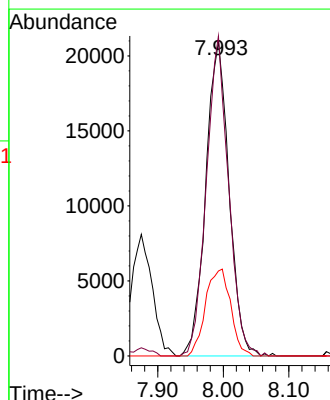
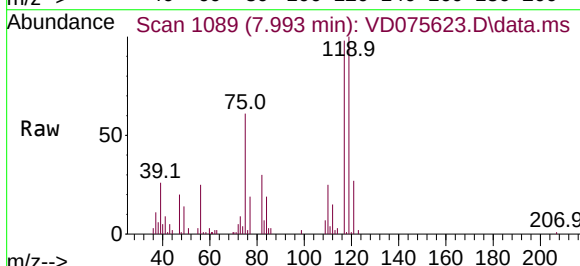
Tgt Ion: 117 Resp: 51760

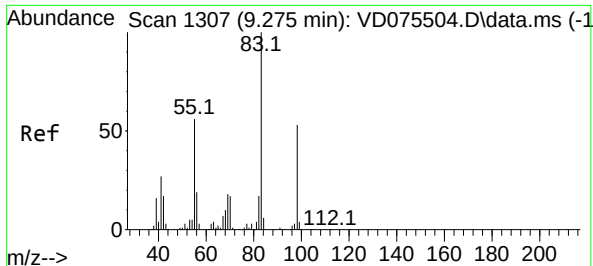
Ion Ratio Lower Upper

117 100

119 101.8 74.7 112.1

121 27.0 25.9 38.9





#39

Methylcyclohexane

Concen: 18.845 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

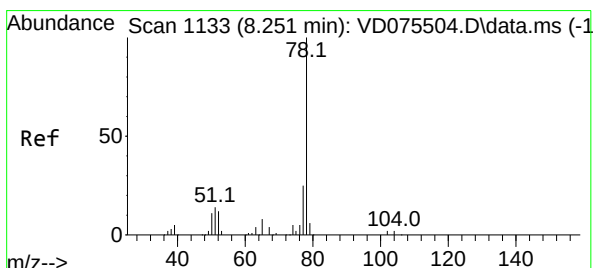
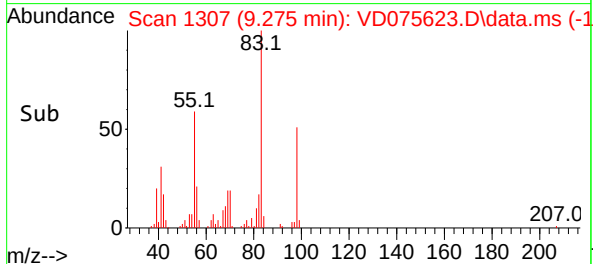
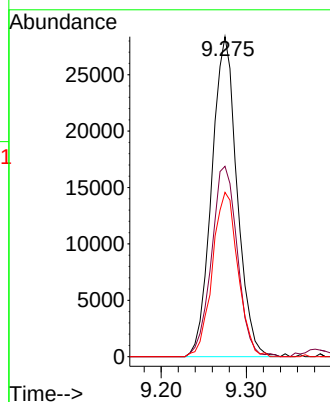
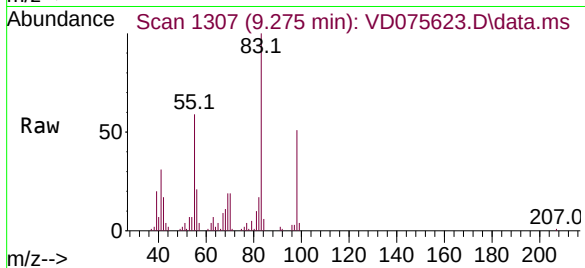
Tgt Ion: 83 Resp: 58663

Ion Ratio Lower Upper

83 100

55 59.5 56.8 85.2

98 51.3 38.9 58.3



#40

Benzene

Concen: 21.053 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075623.D

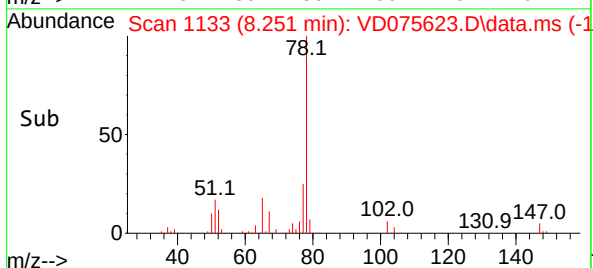
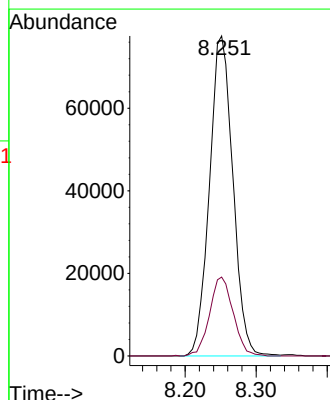
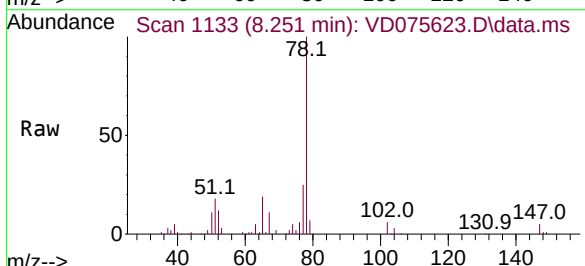
Acq: 11 Apr 2023 16:39

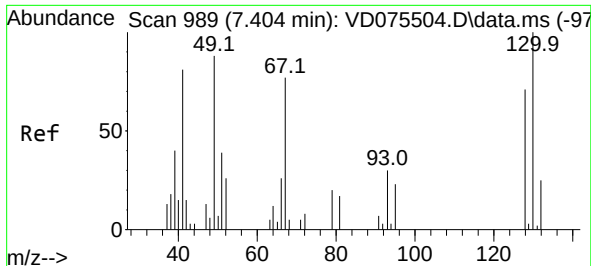
Tgt Ion: 78 Resp: 177345

Ion Ratio Lower Upper

78 100

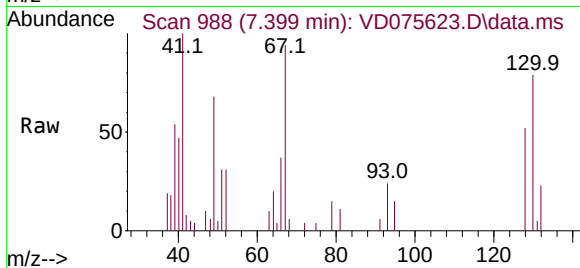
77 24.7 19.1 28.7



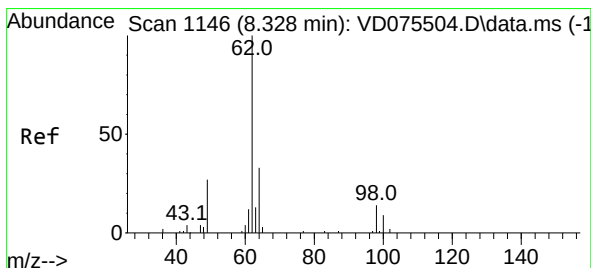
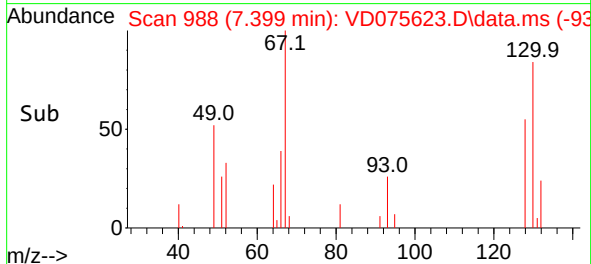
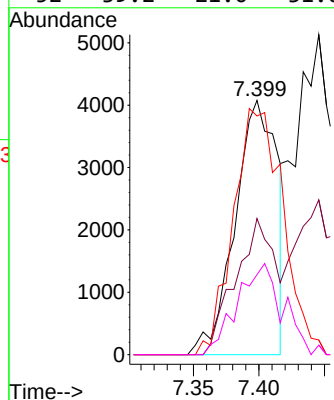


#41
Methacrylonitrile
Concen: 21.088 ug/l
RT: 7.399 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

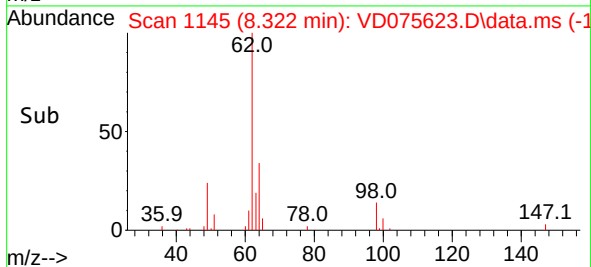
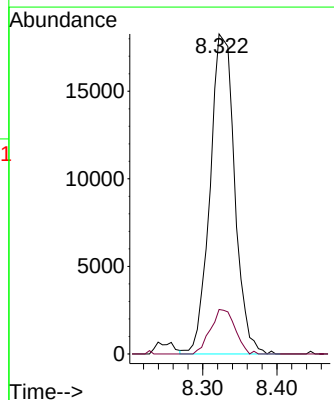
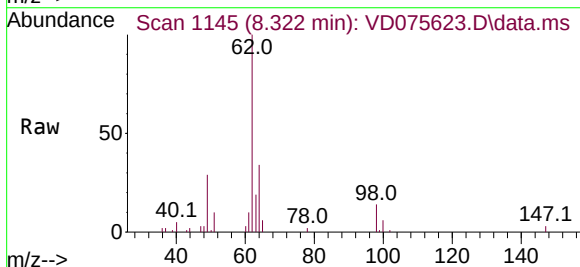


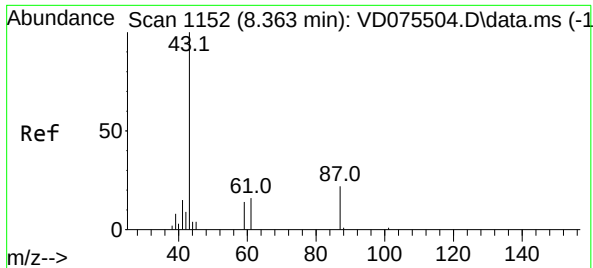
Tgt Ion:	41	Resp:	9077
Ion	Ratio	Lower	Upper
41	100		
39	50.1	45.3	67.9
67	114.1	50.5	75.7#
52	39.2	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 21.585 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:	62	Resp:	42246
Ion	Ratio	Lower	Upper
62	100		
98	13.9	0.0	18.8





#43

Isopropyl Acetate

Concen: 21.444 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

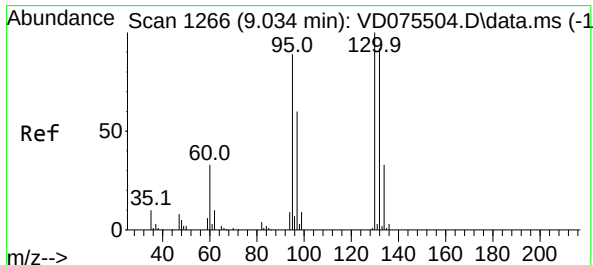
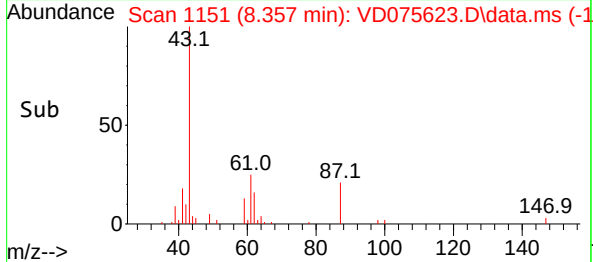
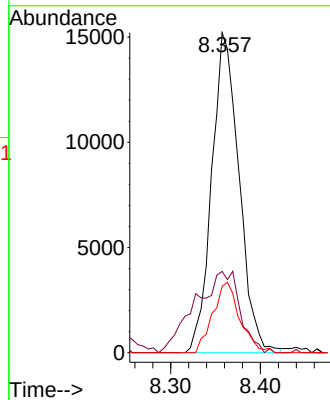
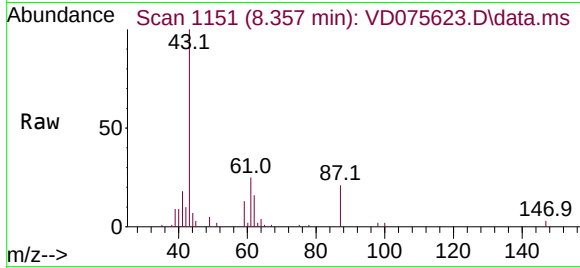
Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

Tgt Ion: 43	Resp: 32175
Ion Ratio	Lower Upper
43 100	
61 41.8	23.4 35.0#
87 21.7	9.5 14.3#



#44

Trichloroethene

Concen: 19.779 ug/l

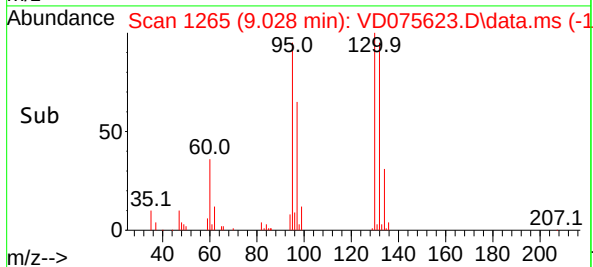
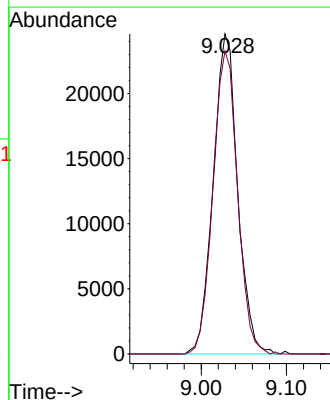
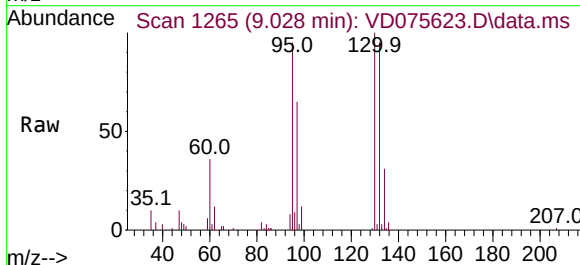
RT: 9.028 min Scan# 1265

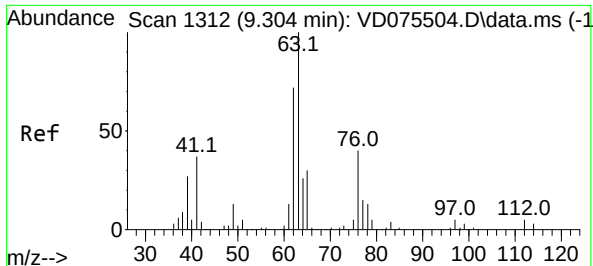
Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Tgt Ion: 130	Resp: 48801
Ion Ratio	Lower Upper
130 100	
95 94.7	0.0 197.6





#45

1,2-Dichloropropane

Concen: 21.143 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

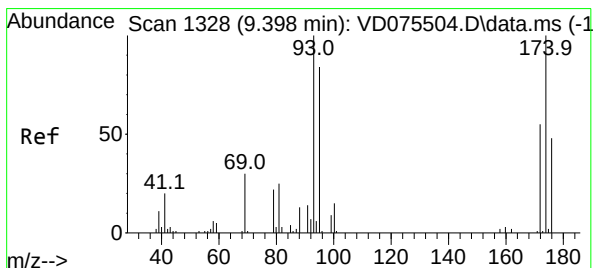
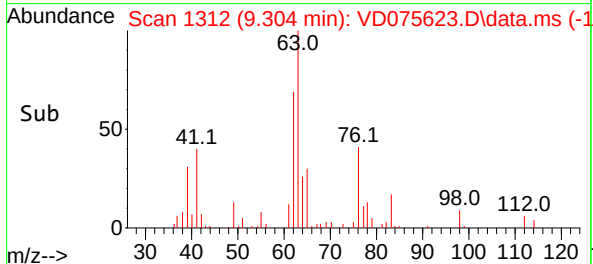
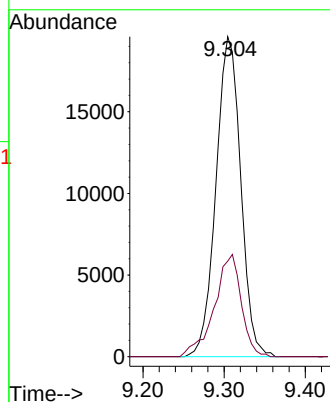
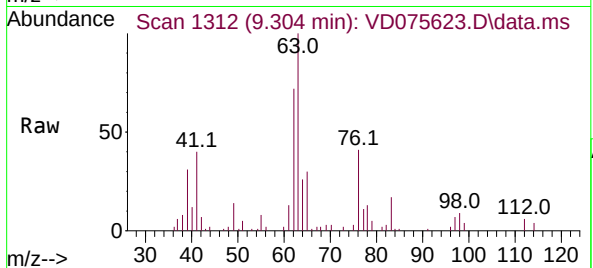
VD0411SBSD01

Tgt Ion: 63 Resp: 41547

Ion Ratio Lower Upper

63 100

65 29.9 23.0 34.4



#46

Dibromomethane

Concen: 20.844 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

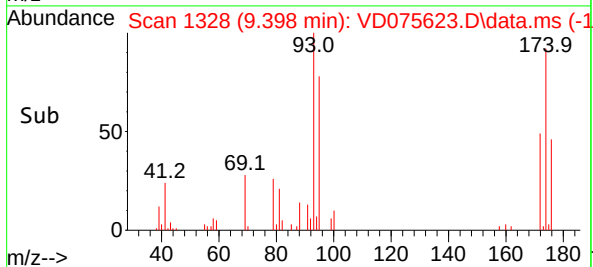
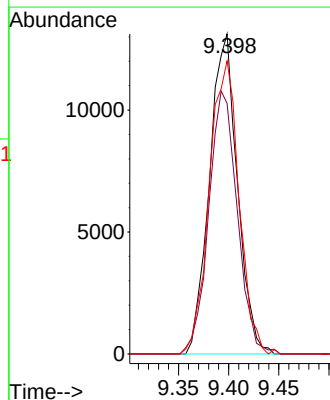
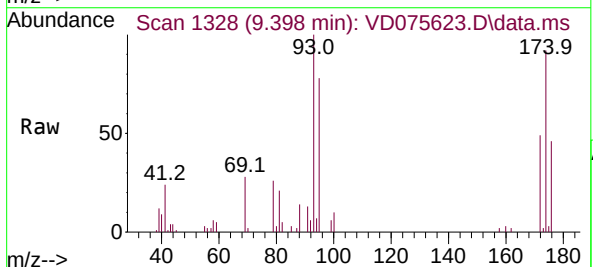
Tgt Ion: 93 Resp: 25432

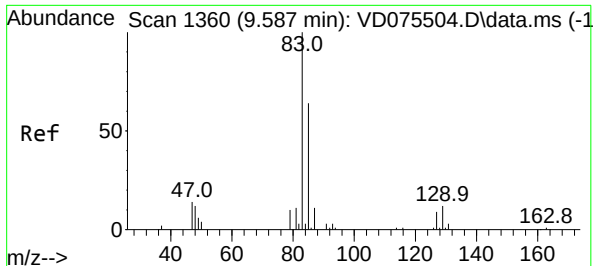
Ion Ratio Lower Upper

93 100

95 83.9 64.5 96.7

174 97.0 76.2 114.4

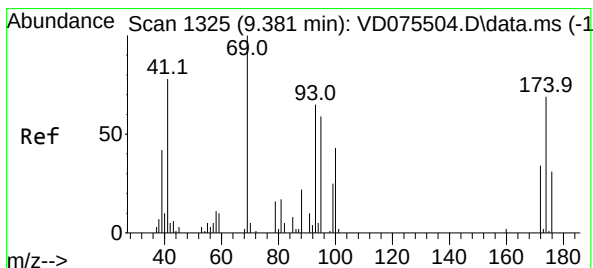
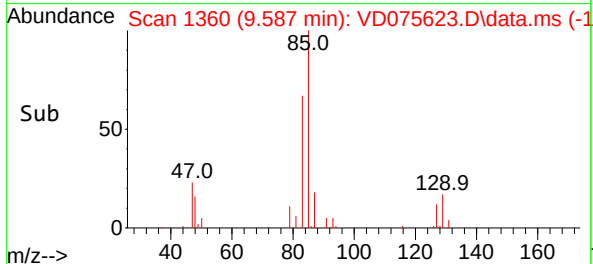
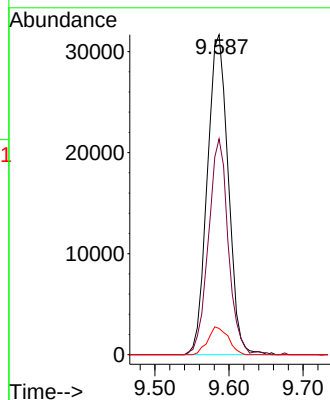
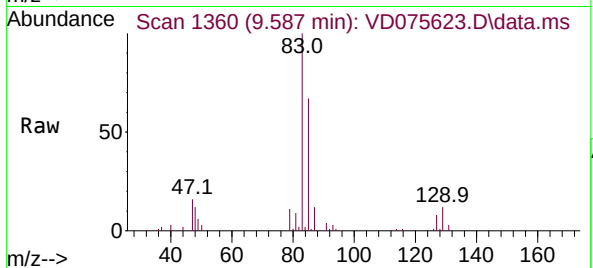




#47
Bromodichloromethane
Concen: 21.047 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

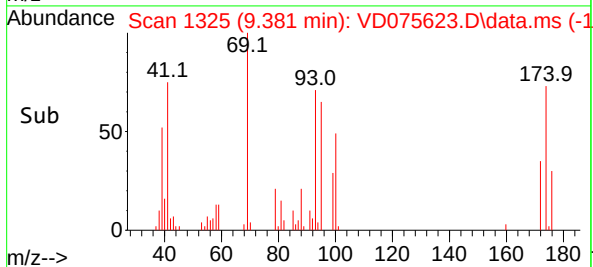
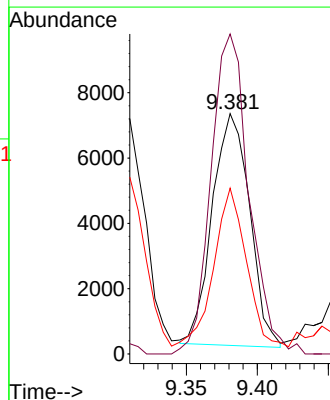
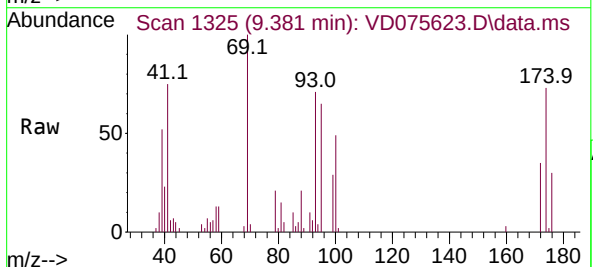
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

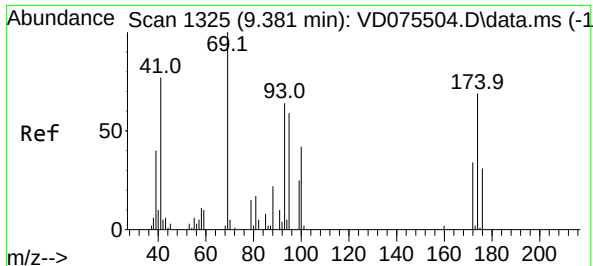
Tgt Ion: 83	Resp: 62101
Ion Ratio	Lower Upper
83 100	
85 67.4	53.7 80.5
127 8.2	7.0 10.6



#48
Methyl methacrylate
Concen: 19.113 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 41	Resp: 12996		
Ion Ratio	Lower	Upper	
41 100			
69 140.9	58.6	88.0#	
39 67.6	53.4	80.0	





#49

1,4-Dioxane

Concen: 463.833 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

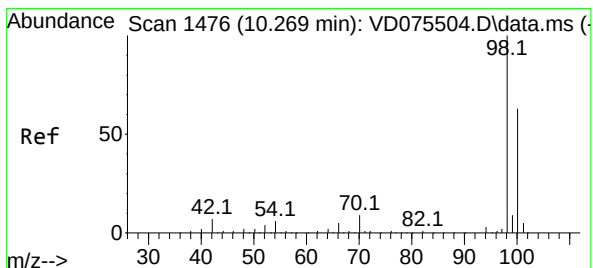
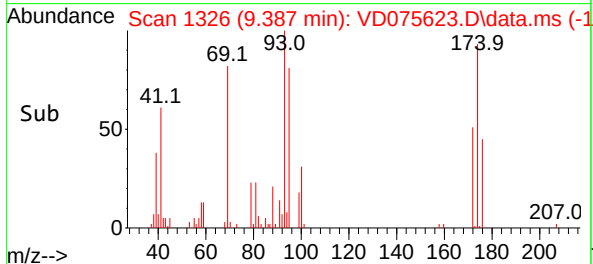
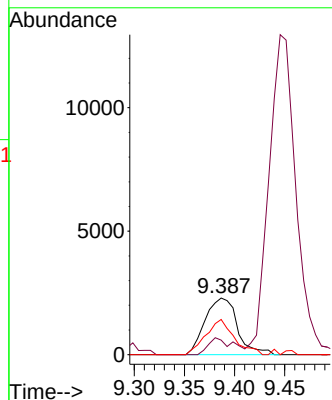
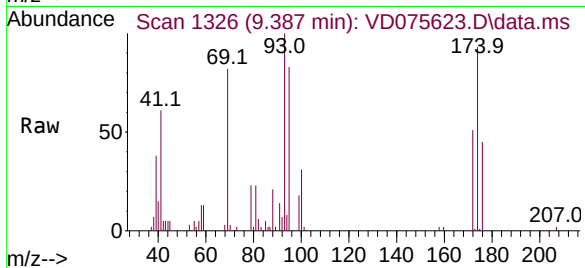
Tgt Ion: 88 Resp: 5130

Ion Ratio Lower Upper

88 100

43 23.0 34.6 51.8#

58 54.6 58.0 87.0#



#50

Toluene-d8

Concen: 51.154 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075623.D

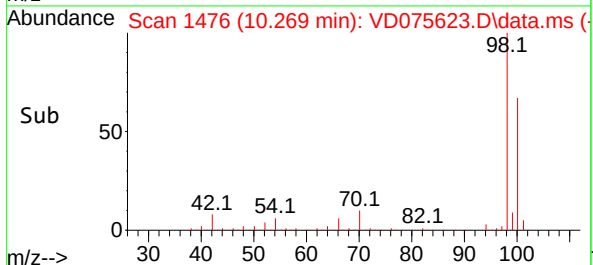
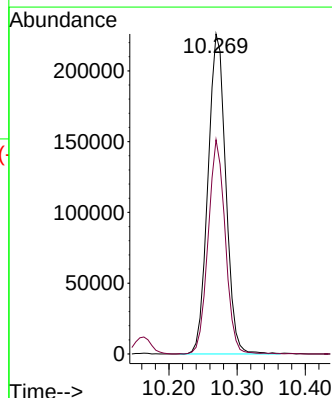
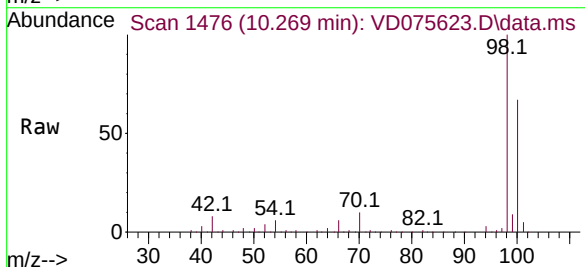
Acq: 11 Apr 2023 16:39

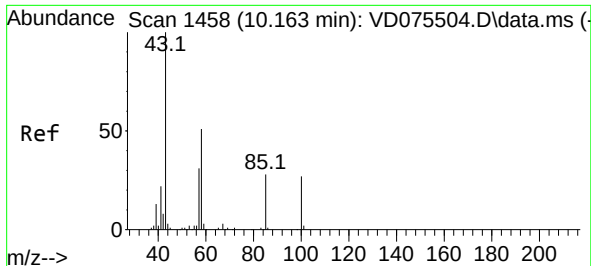
Tgt Ion: 98 Resp: 410714

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

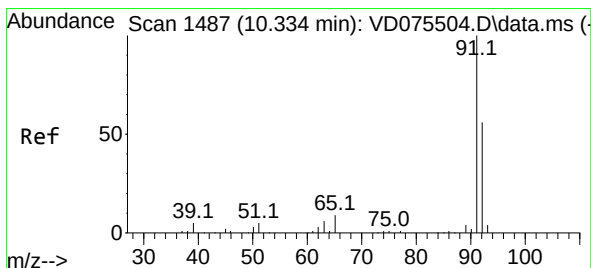
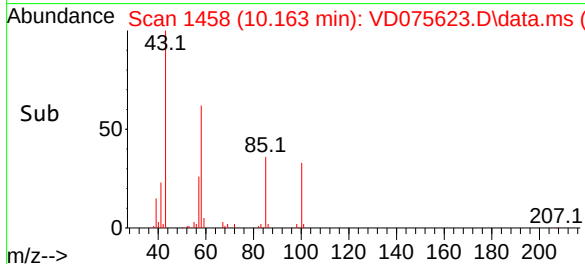
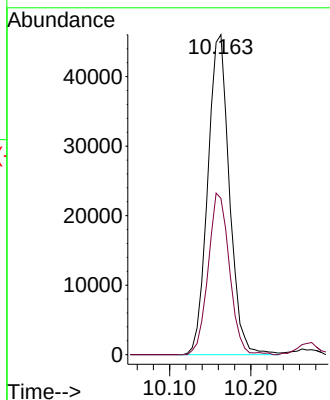
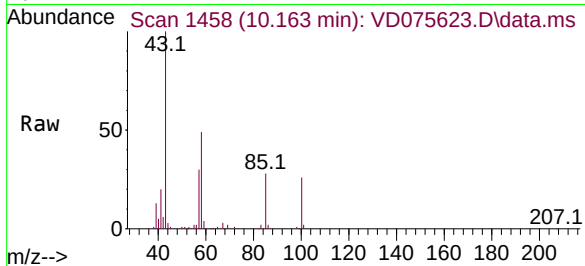




#51
4-Methyl-2-Pentanone
Concen: 105.415 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

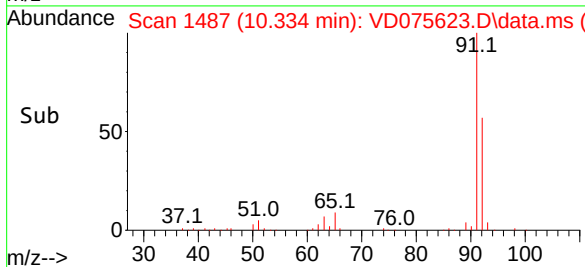
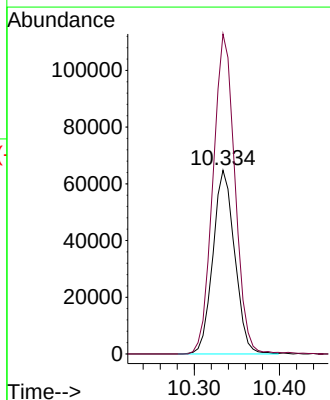
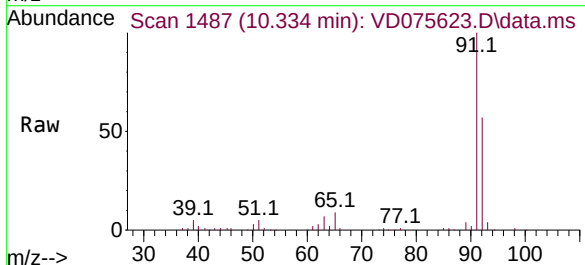
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

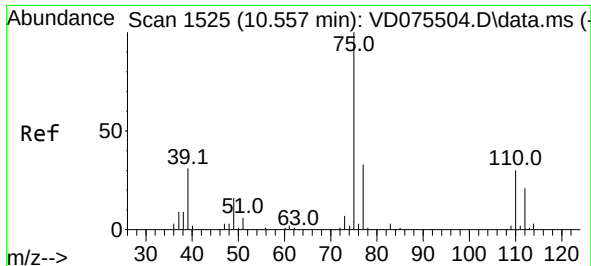
Tgt Ion: 43 Resp: 85143
Ion Ratio Lower Upper
43 100
58 49.6 29.5 44.3#



#52
Toluene
Concen: 20.230 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 92 Resp: 115094
Ion Ratio Lower Upper
92 100
91 176.1 136.5 204.7

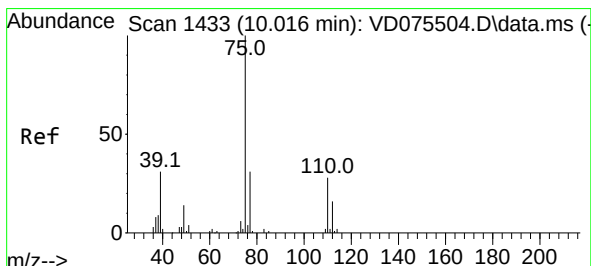
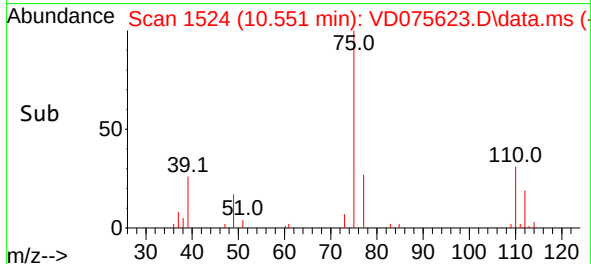
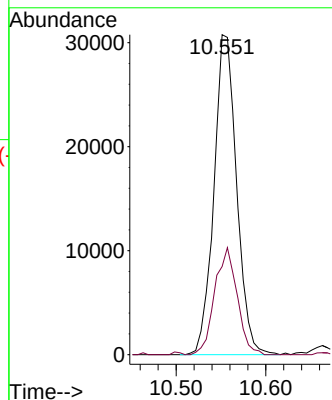
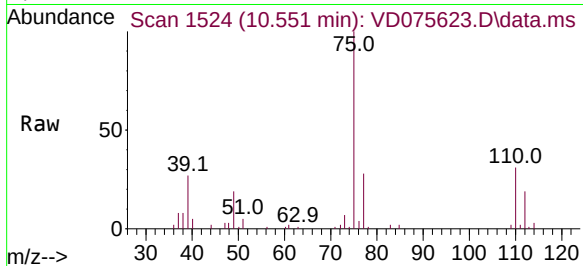




#53
 t-1,3-Dichloropropene
 Concen: 20.222 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

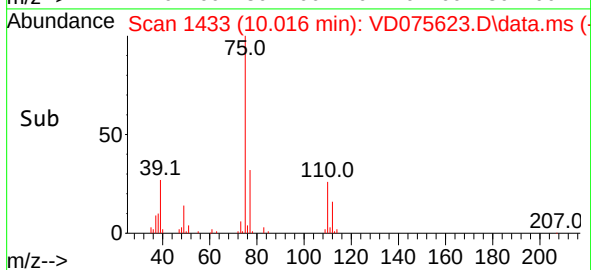
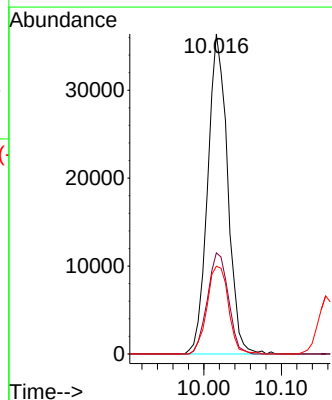
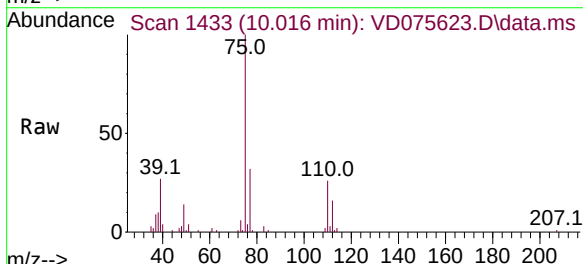
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

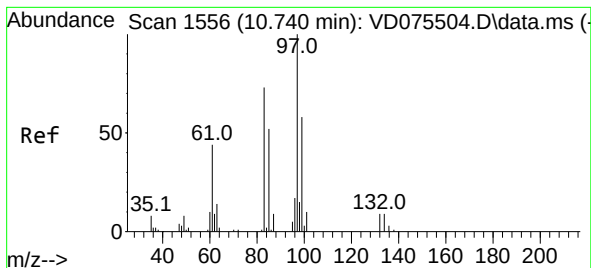
Tgt Ion: 75 Resp: 54081
 Ion Ratio Lower Upper
 75 100
 77 27.6 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.982 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

Tgt Ion: 75 Resp: 64977
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 27.4 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 20.129 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

Tgt Ion: 97 Resp: 36216

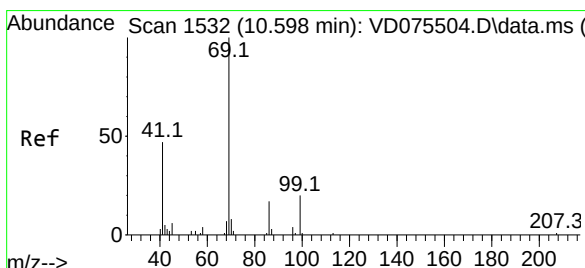
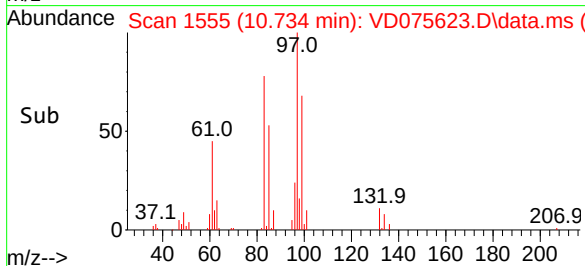
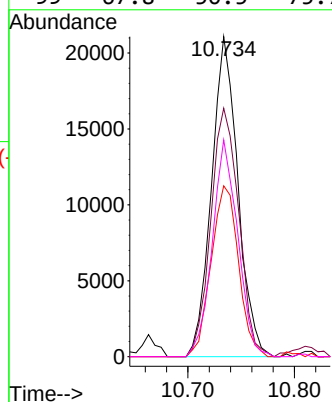
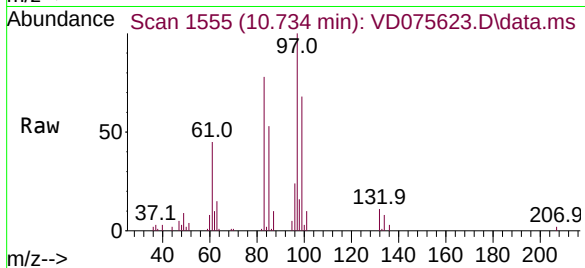
Ion Ratio Lower Upper

97 100

83 77.7 74.2 111.4

85 53.4 45.4 68.0

99 67.8 50.5 75.7



#56

Ethyl methacrylate

Concen: 19.955 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

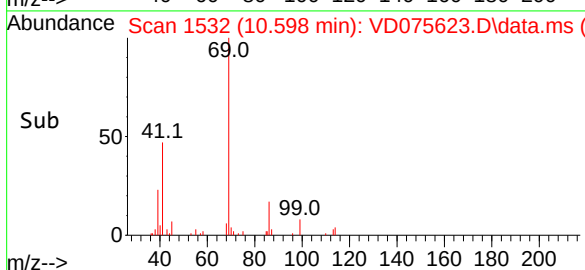
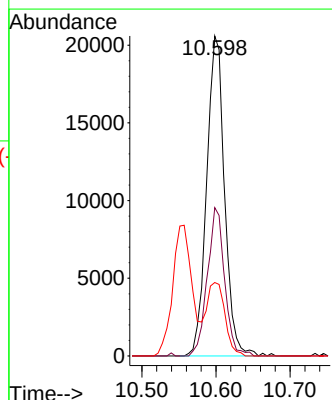
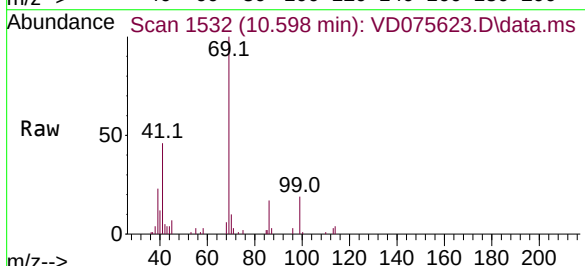
Tgt Ion: 69 Resp: 34607

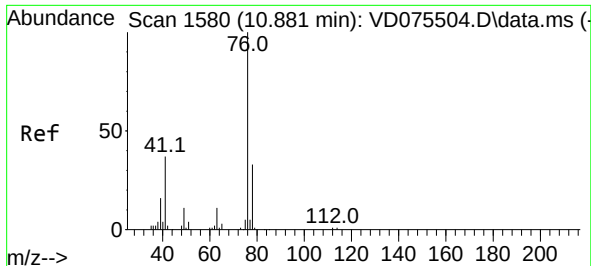
Ion Ratio Lower Upper

69 100

41 44.8 59.3 88.9#

39 23.1 36.0 54.0#





#57

1,3-Dichloropropane

Concen: 20.569 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

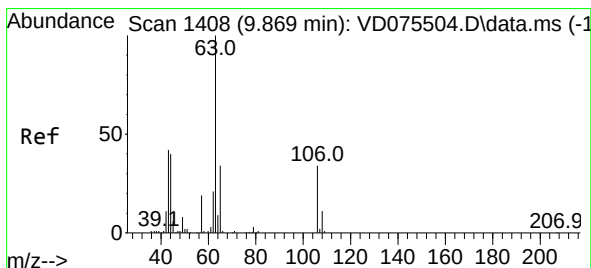
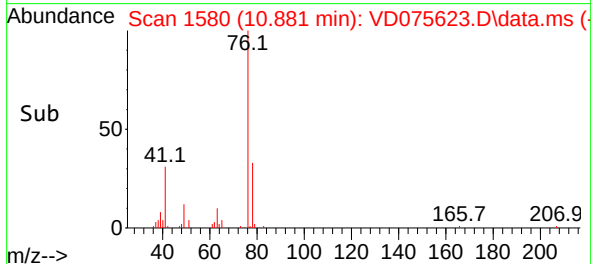
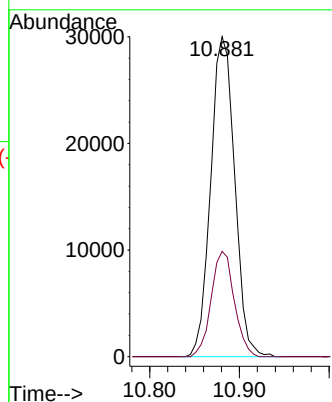
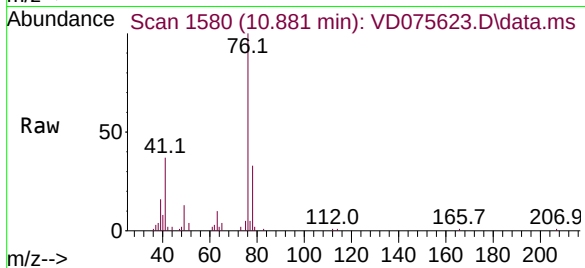
VD0411SBSD01

Tgt Ion: 76 Resp: 55724

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.528 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075623.D

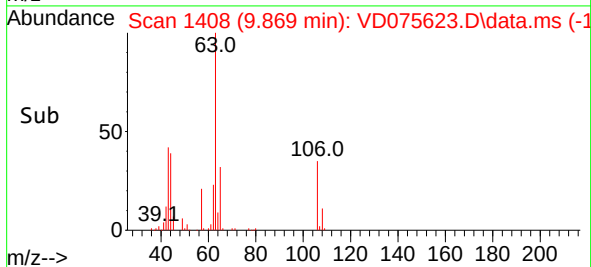
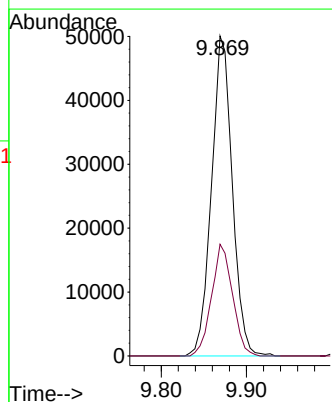
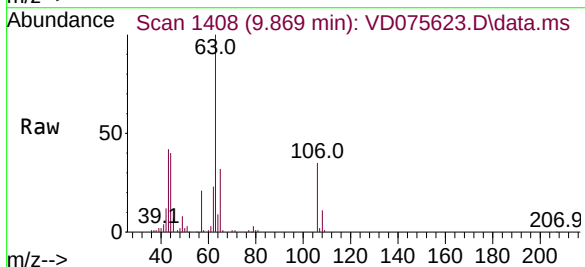
Acq: 11 Apr 2023 16:39

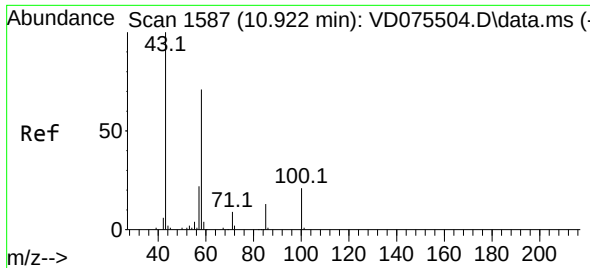
Tgt Ion: 63 Resp: 85129

Ion Ratio Lower Upper

63 100

106 35.1 21.4 32.2#

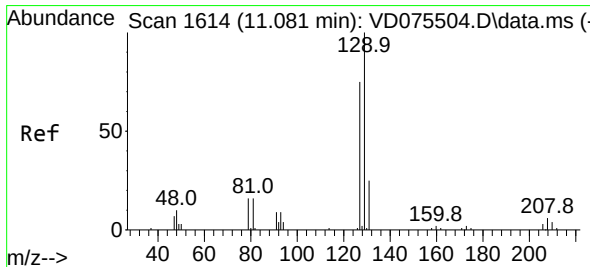
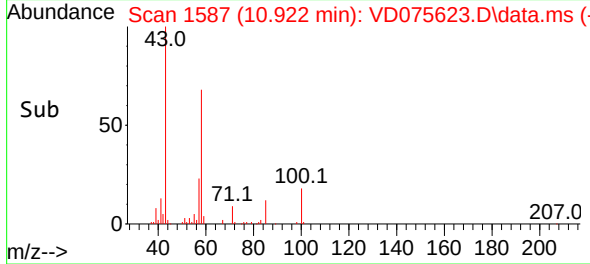
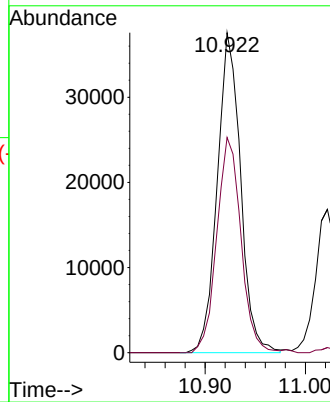
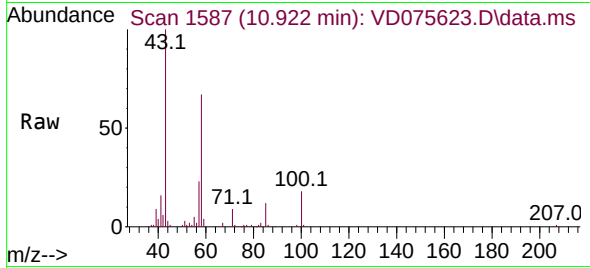




#59
2-Hexanone
Concen: 106.525 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

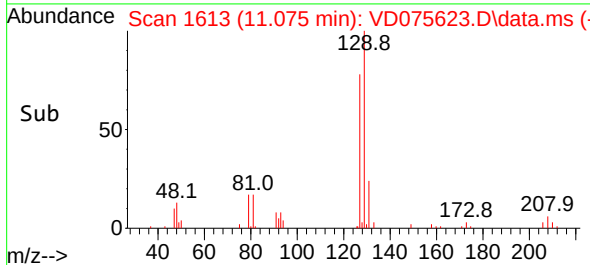
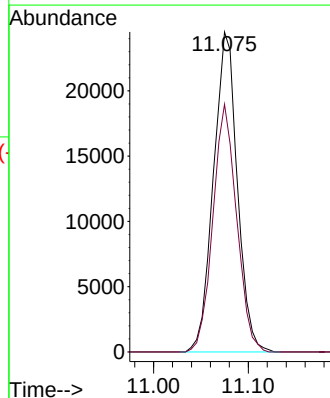
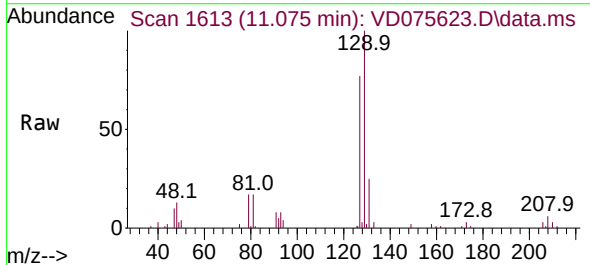
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

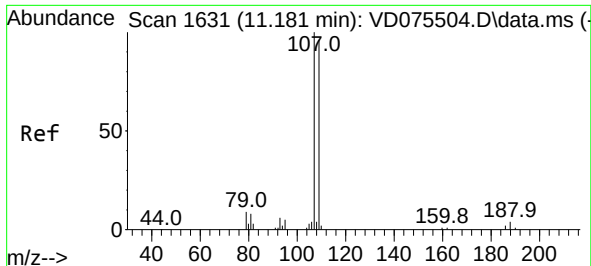
Tgt Ion: 43 Resp: 60614
Ion Ratio Lower Upper
43 100
58 70.1 25.3 75.8



#60
Dibromochloromethane
Concen: 19.968 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 129 Resp: 42895
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

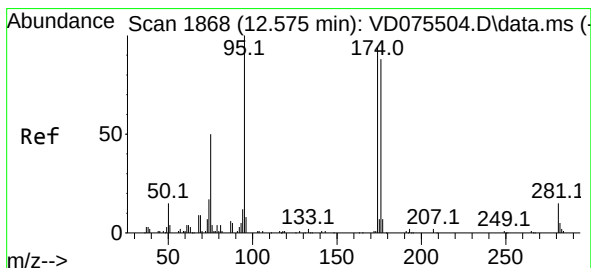
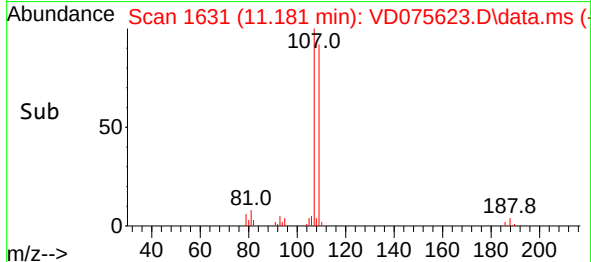
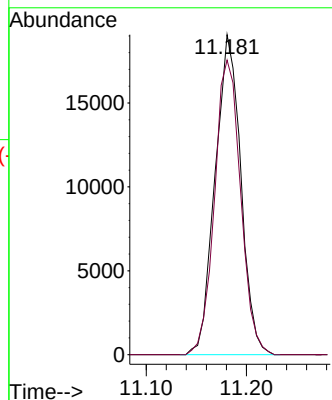
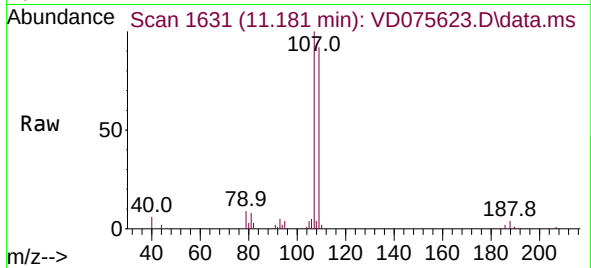




#61
1,2-Dibromoethane
Concen: 19.718 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

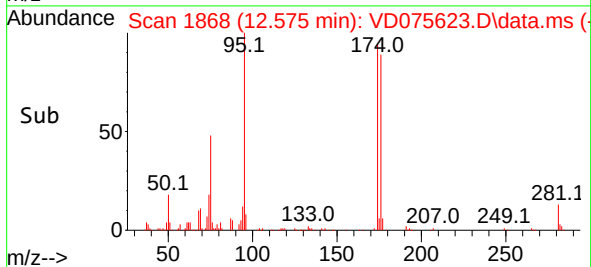
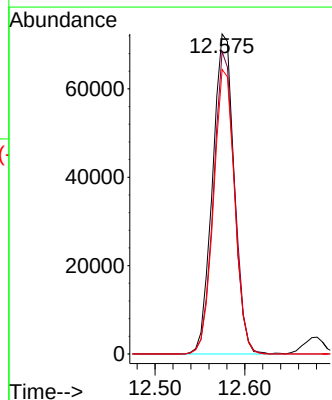
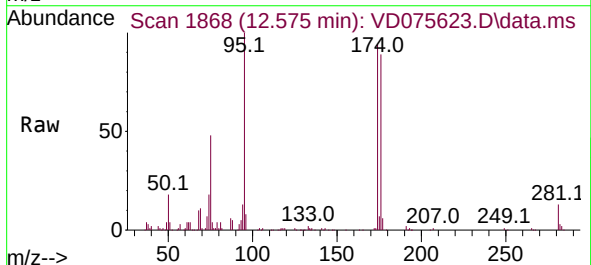
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

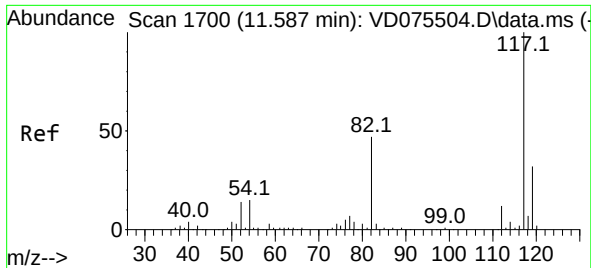
Tgt Ion:107 Resp: 33907
Ion Ratio Lower Upper
107 100
109 93.5 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 95 Resp: 121007
Ion Ratio Lower Upper
95 100
174 91.6 0.0 164.0
176 86.8 0.0 156.8

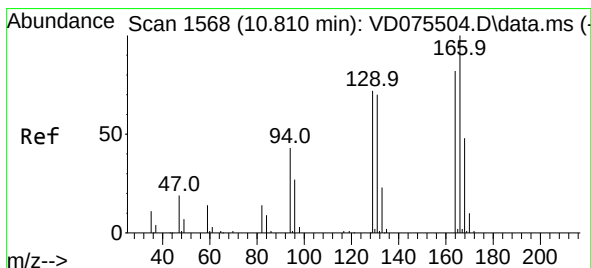
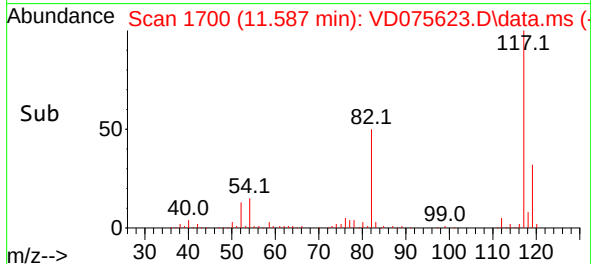
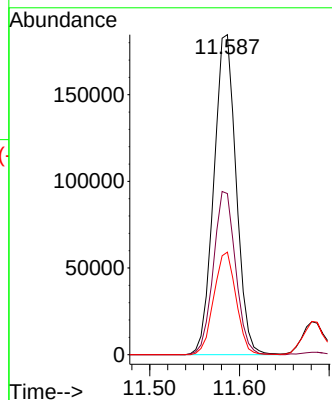
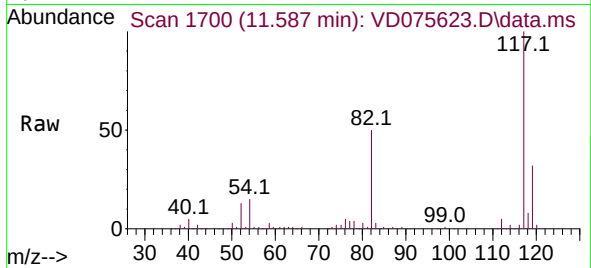




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

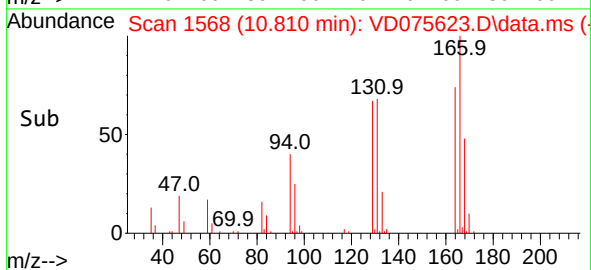
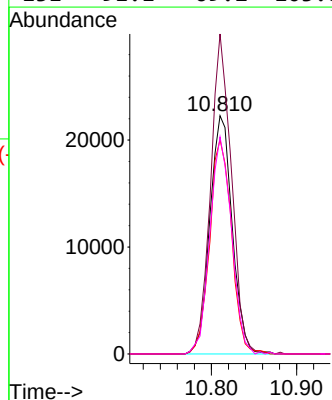
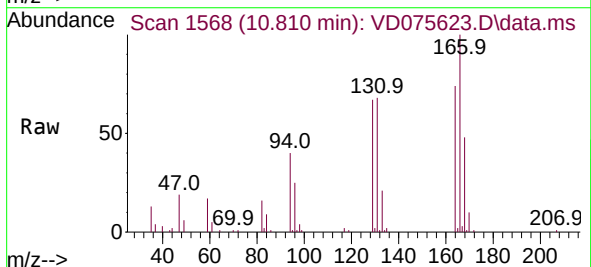
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

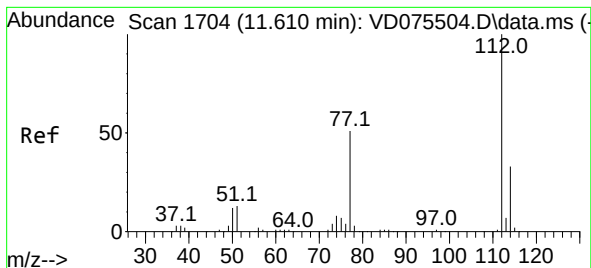
Tgt Ion:117 Resp: 319289
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 32.1 25.1 37.7



#64
Tetrachloroethene
Concen: 21.128 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:164 Resp: 40575
Ion Ratio Lower Upper
164 100
166 134.3 94.9 142.3
129 89.9 73.0 109.6
131 91.1 69.2 103.8

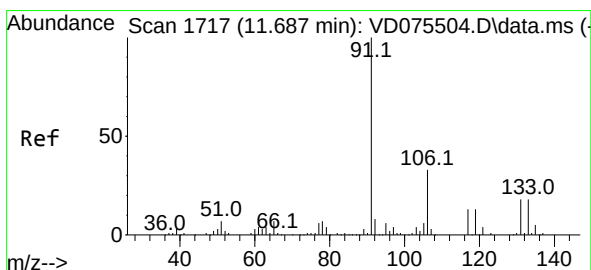
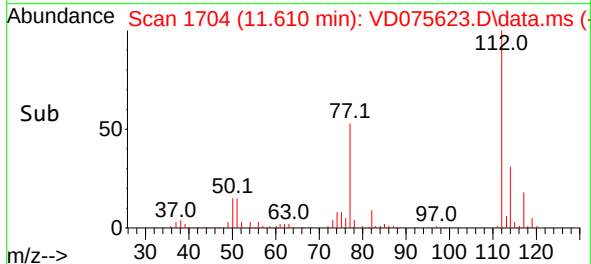
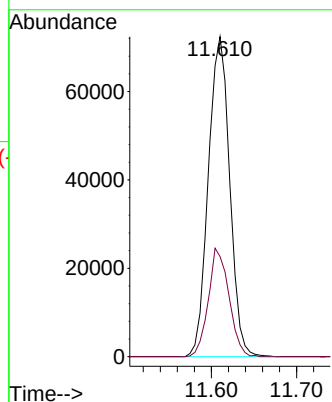
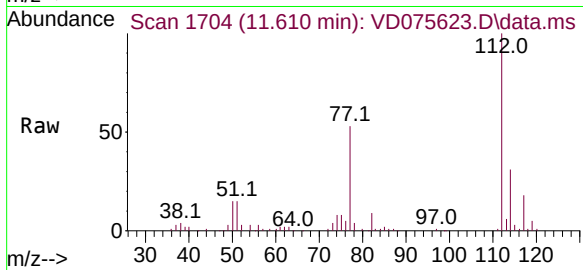




#65
Chlorobenzene
Concen: 20.395 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

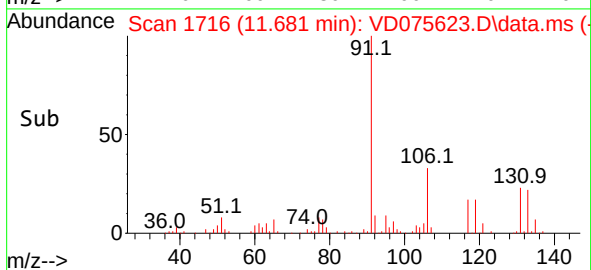
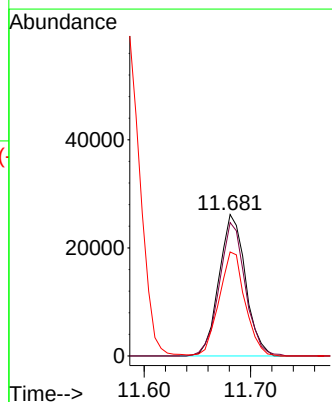
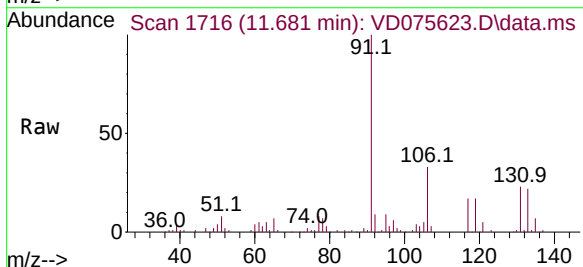
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

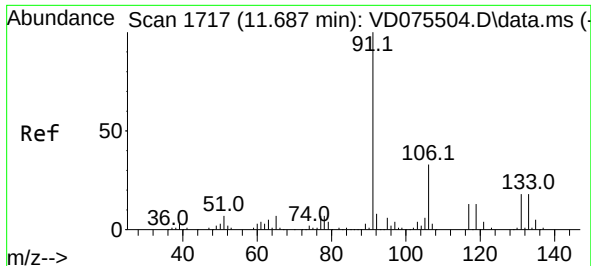
Tgt Ion:112 Resp: 126401
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.564 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:131 Resp: 45071
Ion Ratio Lower Upper
131 100
133 92.7 46.7 140.0
119 72.5 31.9 95.9

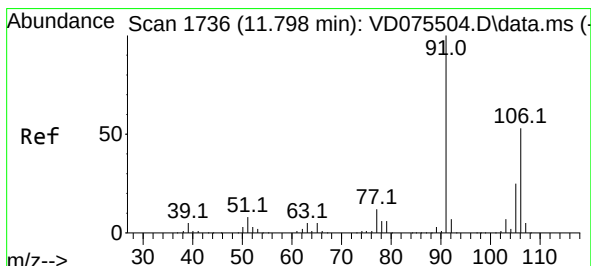
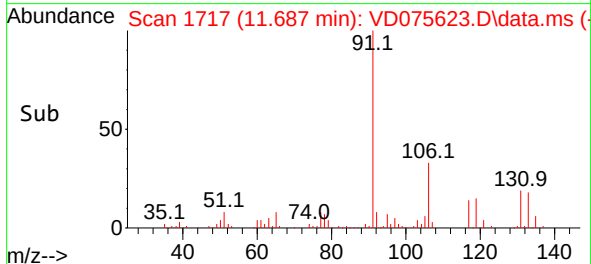
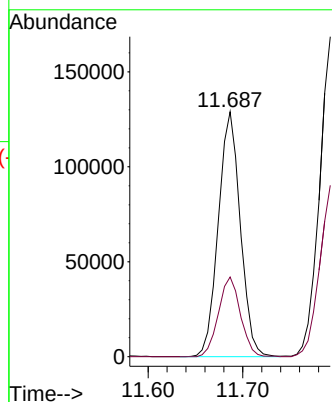
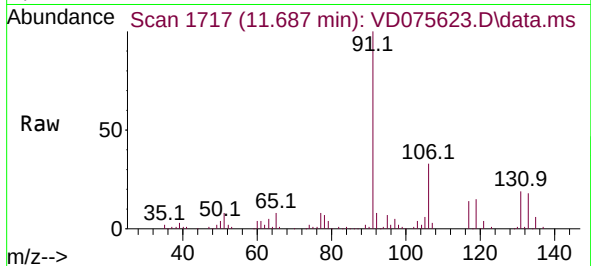




#67
Ethyl Benzene
Concen: 20.367 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

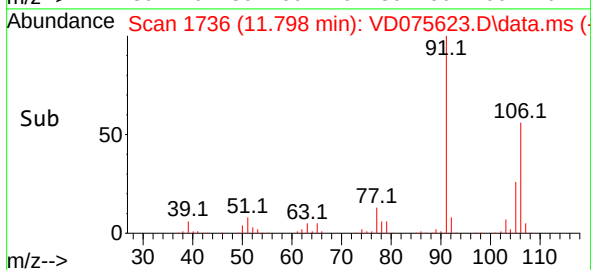
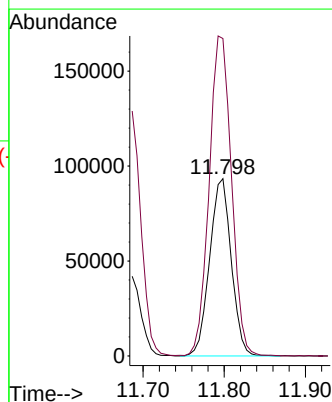
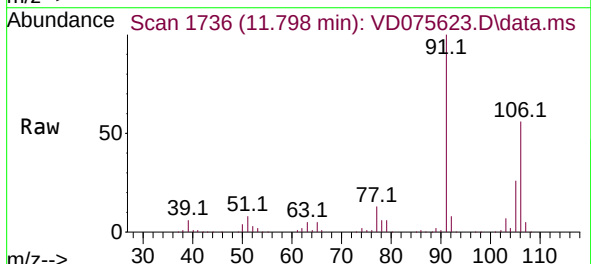
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

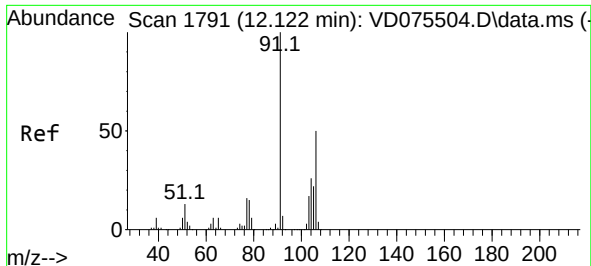
Tgt Ion: 91 Resp: 208272
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 41.039 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 106 Resp: 172849
Ion Ratio Lower Upper
106 100
91 186.6 161.5 242.3





#69

o-Xylene

Concen: 19.449 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

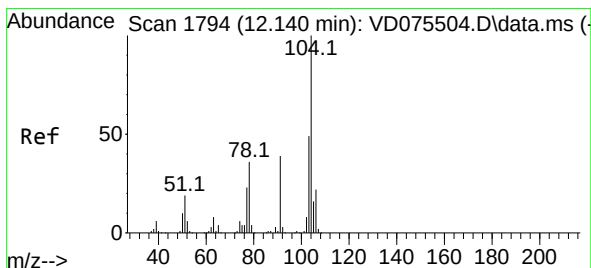
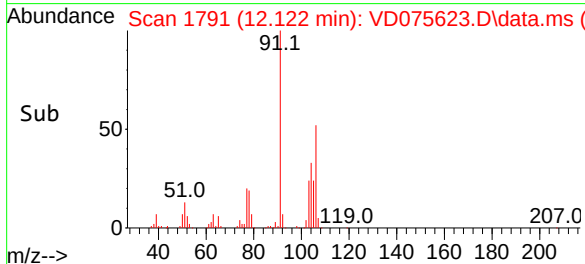
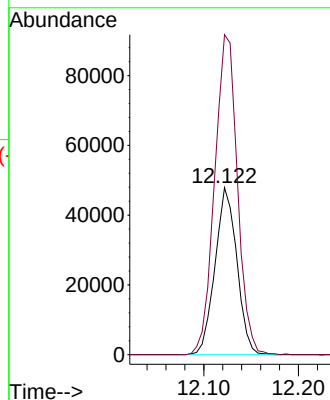
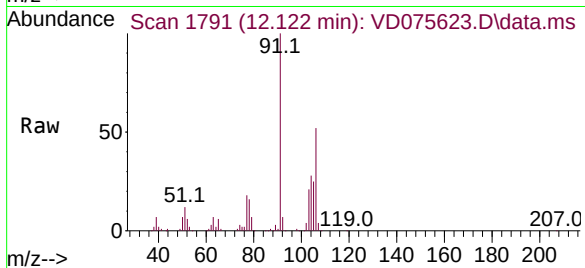
VD0411SBSD01

Tgt Ion:106 Resp: 76563

Ion Ratio Lower Upper

106 100

91 200.6 105.7 317.1



#70

Styrene

Concen: 19.791 ug/l

RT: 12.139 min Scan# 1794

Delta R.T. -0.001 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

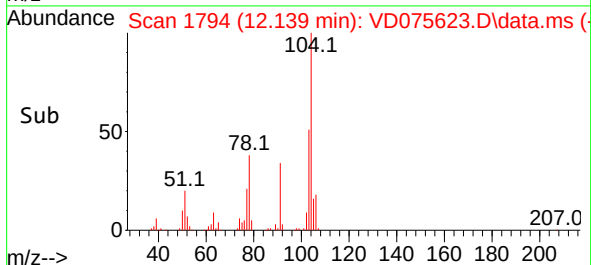
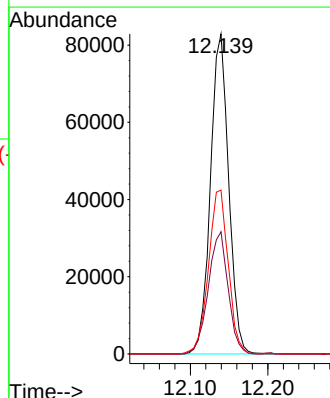
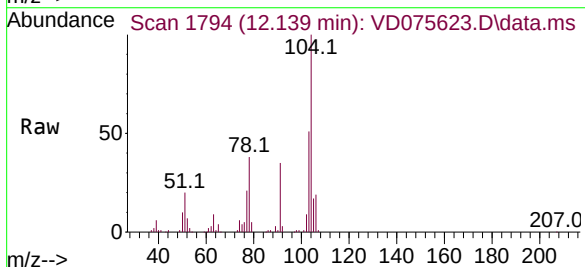
Tgt Ion:104 Resp: 135643

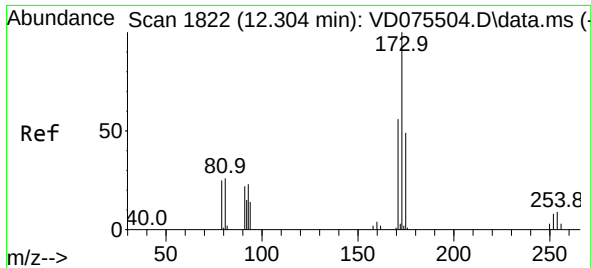
Ion Ratio Lower Upper

104 100

78 41.5 40.2 60.4

103 55.5 44.2 66.2

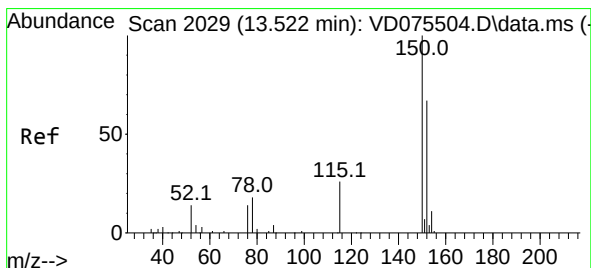
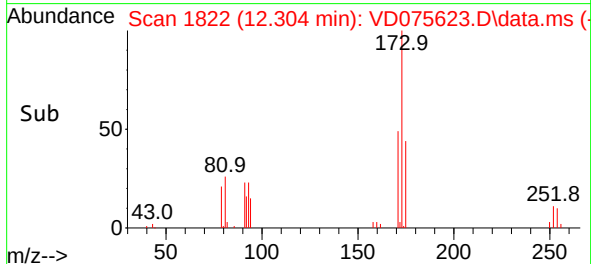
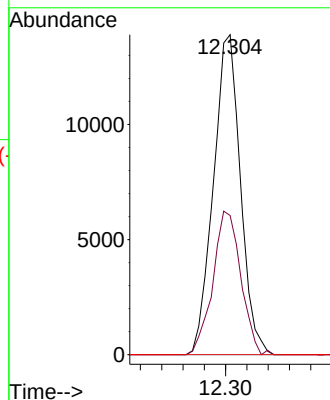
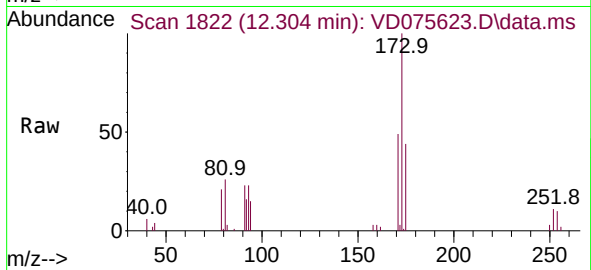




#71
Bromoform
Concen: 21.595 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

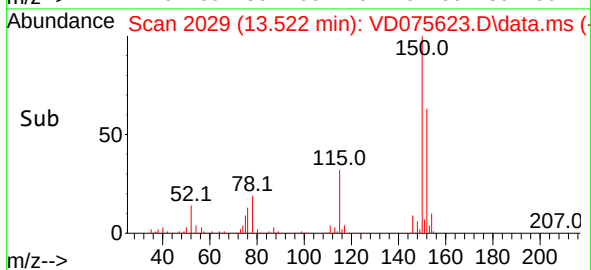
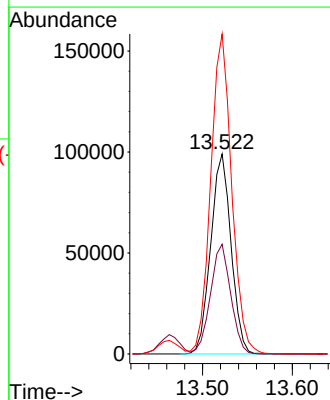
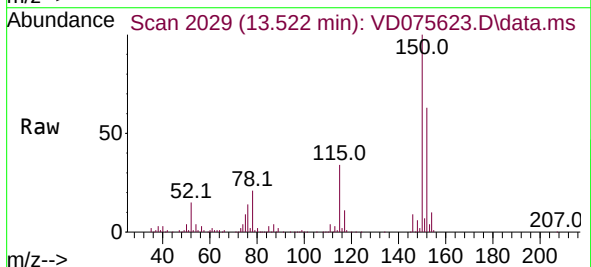
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

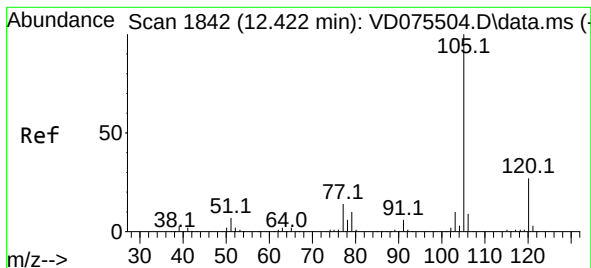
Tgt Ion:173 Resp: 24463
Ion Ratio Lower Upper
173 100
175 46.3 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:152 Resp: 155792
Ion Ratio Lower Upper
152 100
115 54.7 30.1 90.3
150 164.6 0.0 364.8





#73

Isopropylbenzene

Concen: 20.658 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

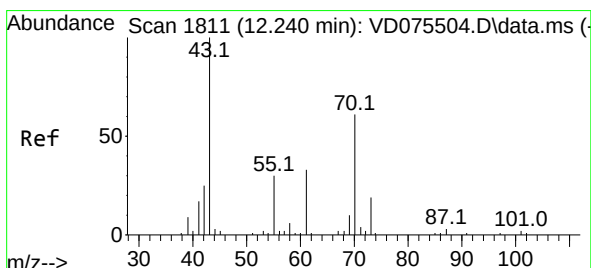
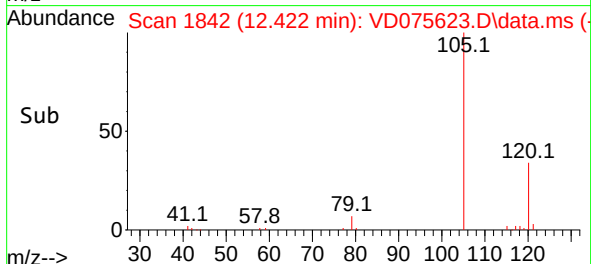
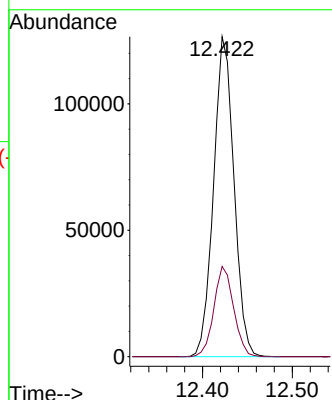
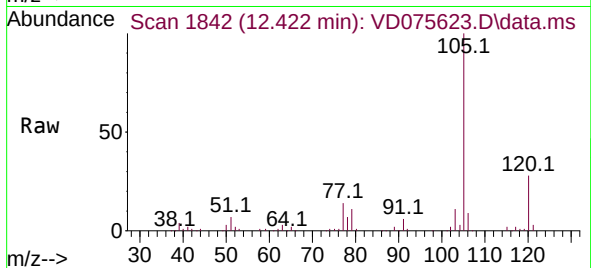
VD0411SBSD01

Tgt Ion:105 Resp: 199715

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 21.074 ug/l

RT: 12.239 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Tgt Ion: 43 Resp: 28574

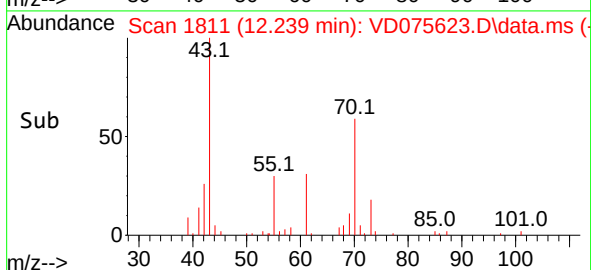
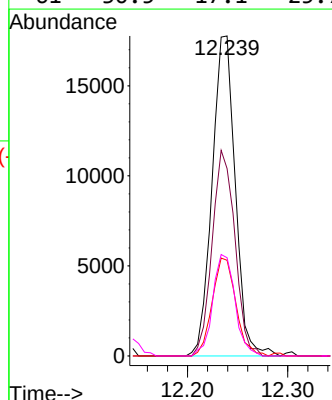
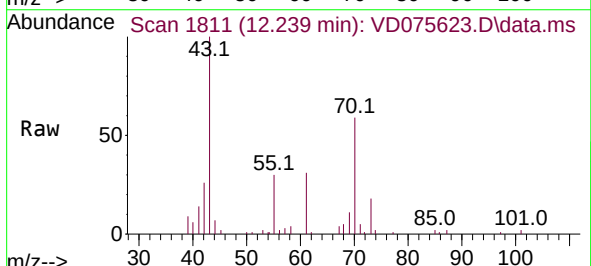
Ion Ratio Lower Upper

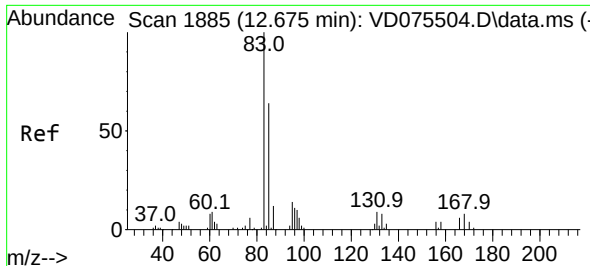
43 100

70 63.0 31.0 46.4#

55 31.2 18.6 28.0#

61 30.5 17.1 25.7#

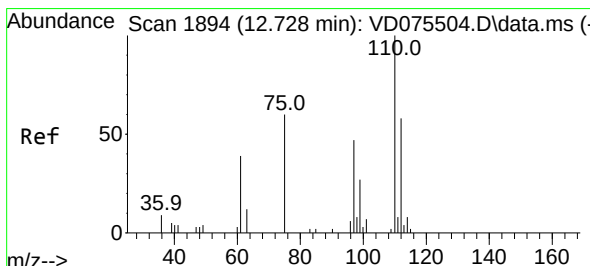
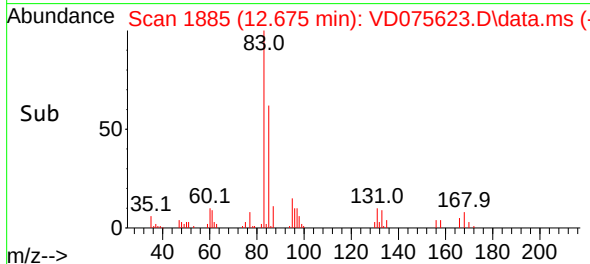
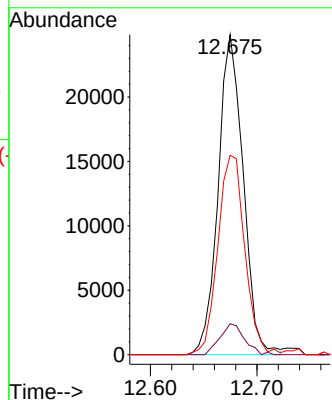
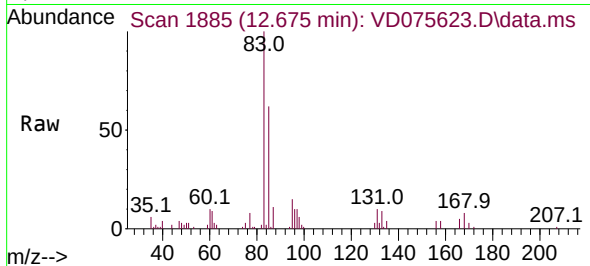




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.378 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

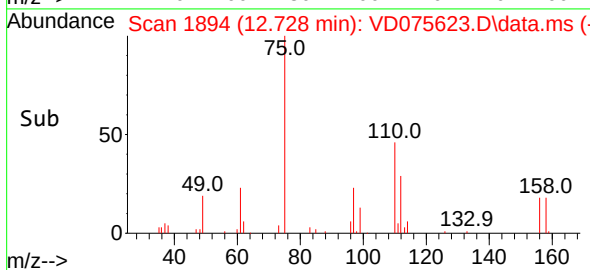
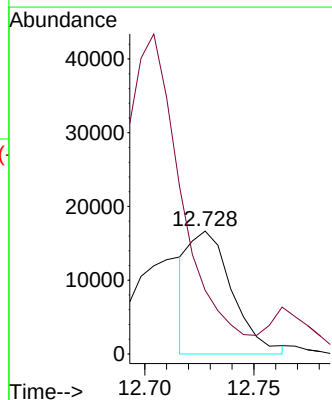
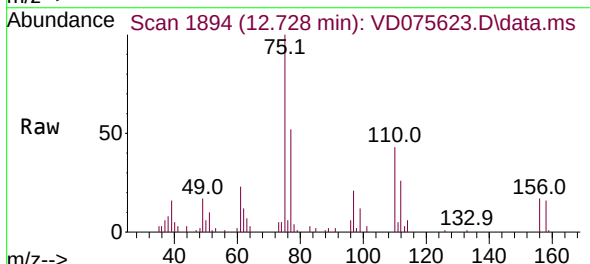
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

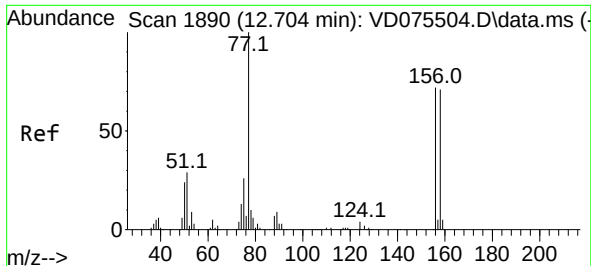
Tgt Ion: 83 Resp: 40467
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.2
 85 67.1 33.6 100.6



#76
 1,2,3-Trichloropropane
 Concen: 18.826 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

Tgt Ion: 75 Resp: 22954
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

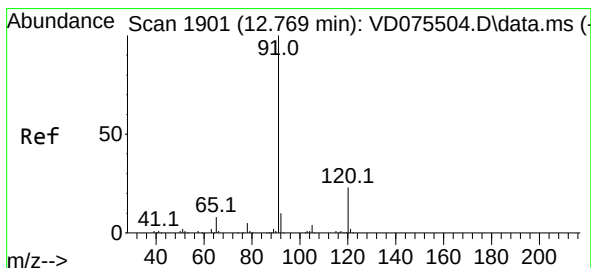
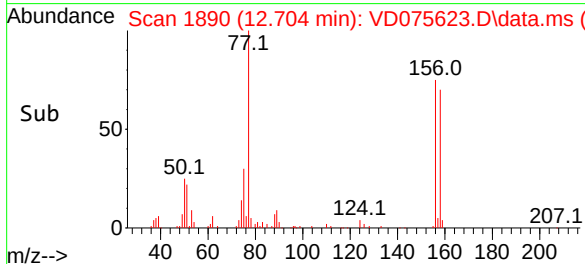
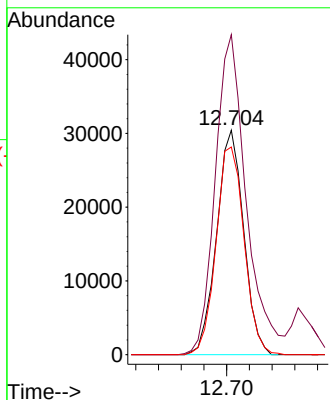
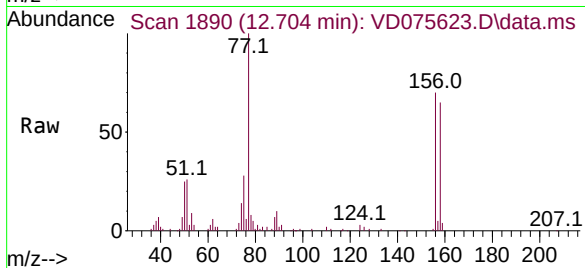




#77
Bromobenzene
Concen: 20.596 ug/l
RT: 12.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

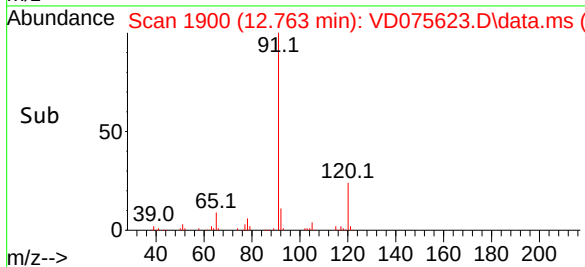
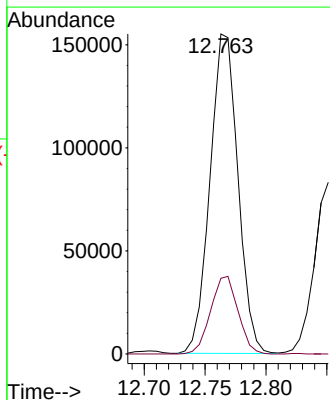
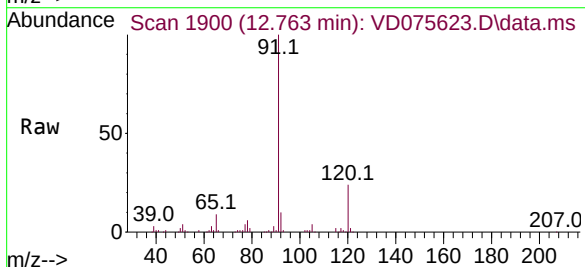
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

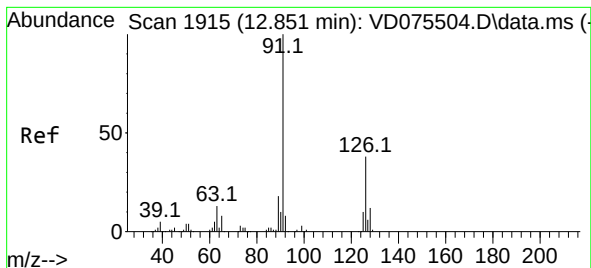
Tgt Ion:156 Resp: 50258
Ion Ratio Lower Upper
156 100
77 164.1 89.5 268.6
158 96.2 47.8 143.4



#78
n-propylbenzene
Concen: 21.288 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 91 Resp: 247448
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2





#79

2-Chlorotoluene

Concen: 21.379 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

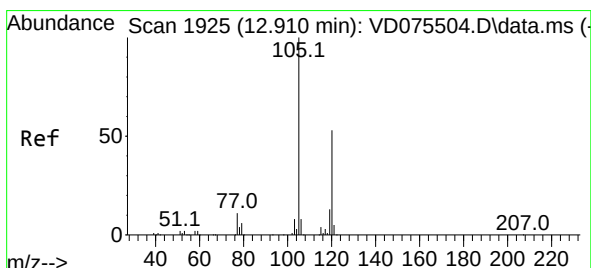
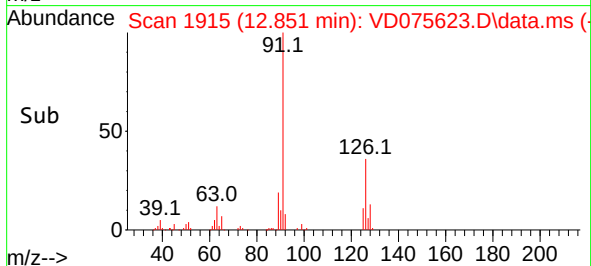
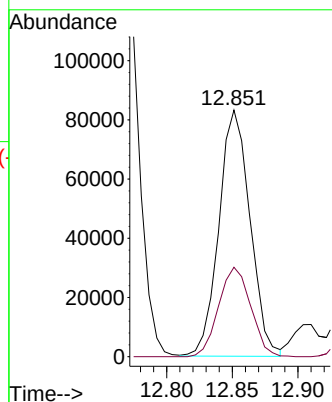
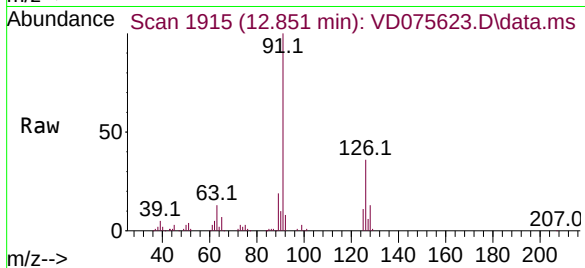
VD0411SBSD01

Tgt Ion: 91 Resp: 137443

Ion Ratio Lower Upper

91 100

126 37.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 21.152 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075623.D

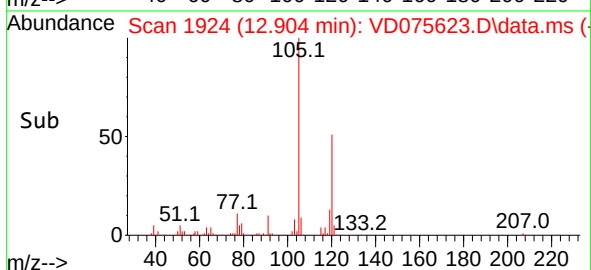
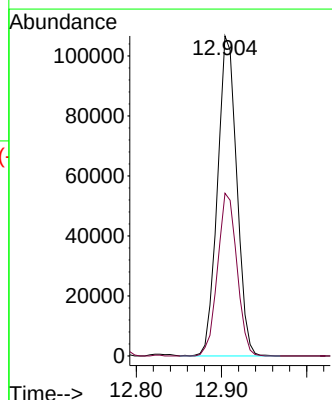
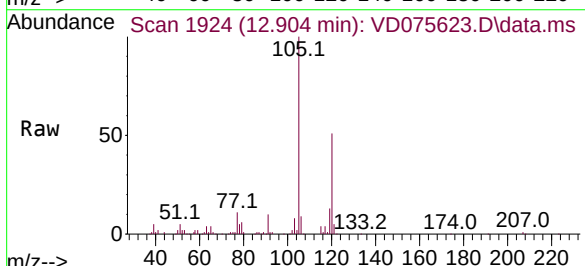
Acq: 11 Apr 2023 16:39

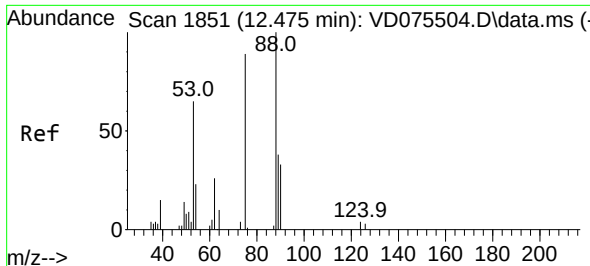
Tgt Ion: 105 Resp: 167471

Ion Ratio Lower Upper

105 100

120 51.1 24.3 72.8

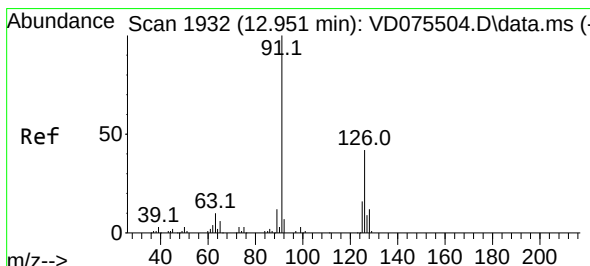
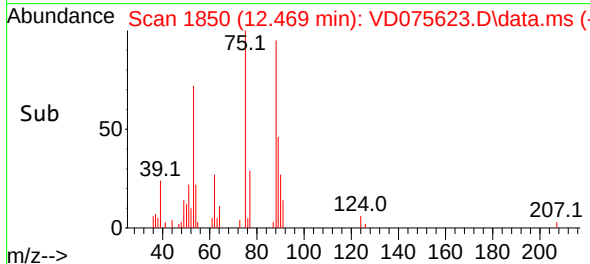
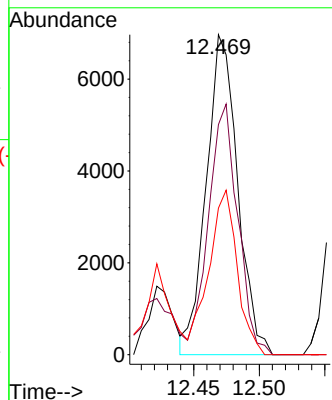
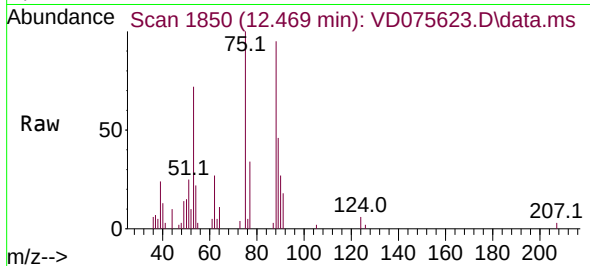




#81
trans-1,4-Dichloro-2-butene
Concen: 21.769 ug/l
RT: 12.469 min Scan# 11581
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

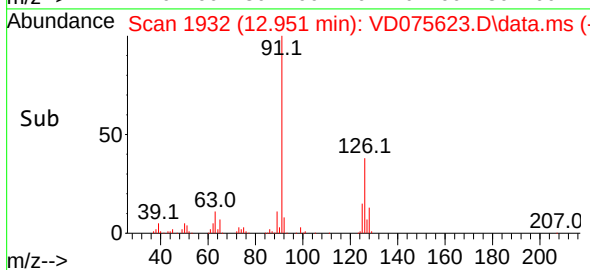
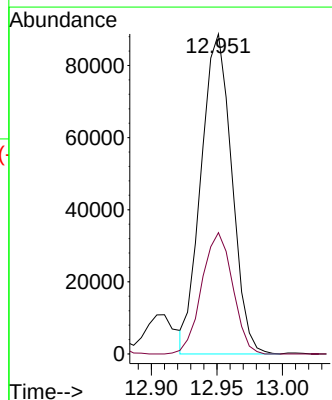
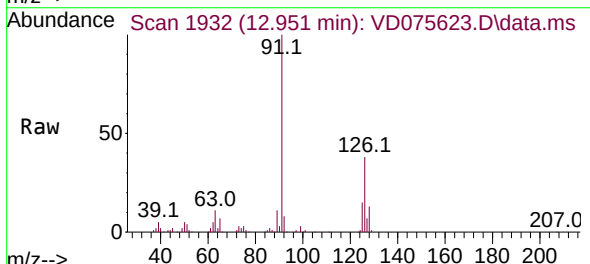
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

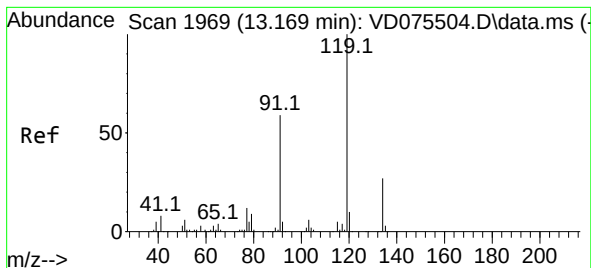
Tgt Ion: 75 Resp: 11581
Ion Ratio Lower Upper
75 100
53 73.2 90.5 135.7#
89 46.7 40.2 60.4



#82
4-Chlorotoluene
Concen: 21.723 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 91 Resp: 144867
Ion Ratio Lower Upper
91 100
126 38.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.002 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

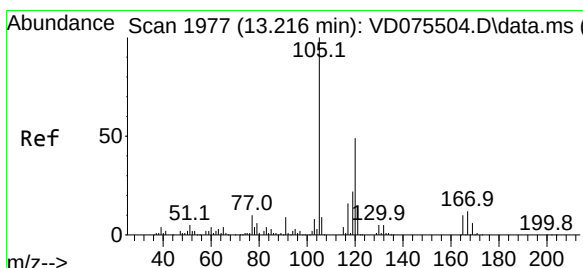
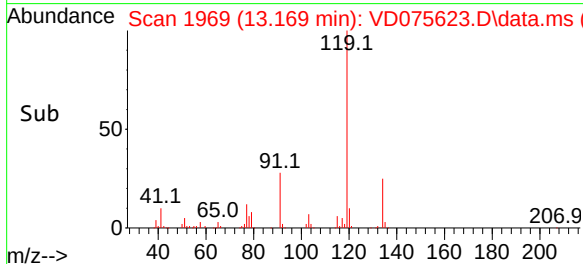
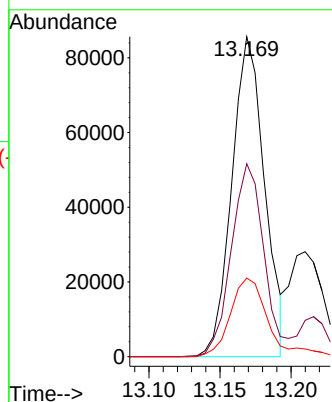
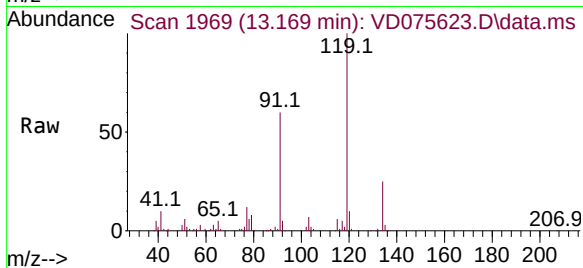
Tgt Ion:119 Resp: 137507

Ion Ratio Lower Upper

119 100

91 60.4 32.4 97.0

134 28.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 21.405 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075623.D

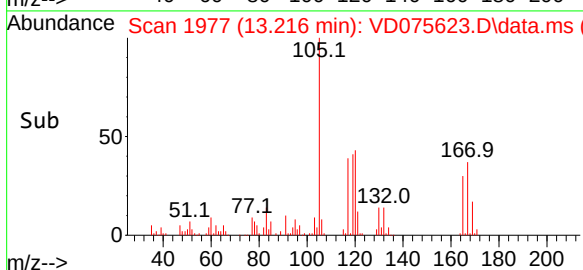
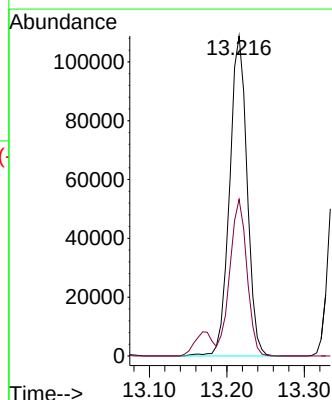
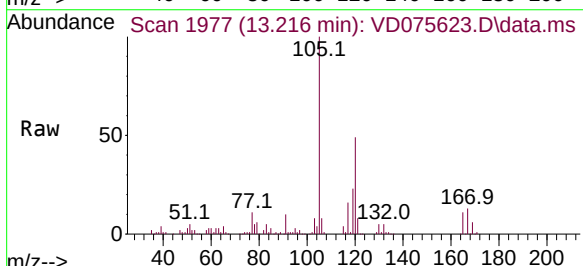
Acq: 11 Apr 2023 16:39

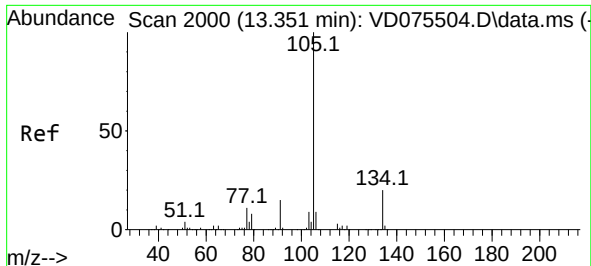
Tgt Ion:105 Resp: 171148

Ion Ratio Lower Upper

105 100

120 47.8 22.3 66.9

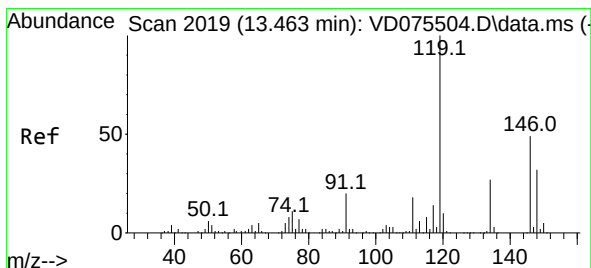
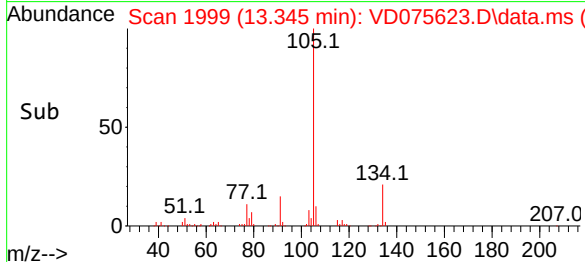
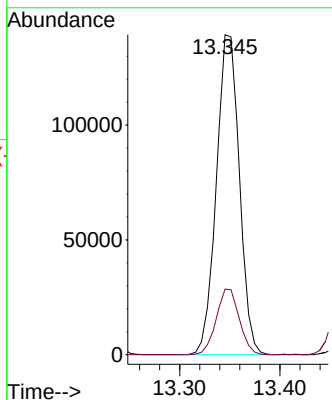
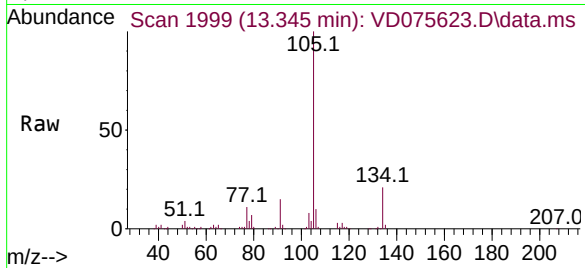




#85
 sec-Butylbenzene
 Concen: 21.124 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

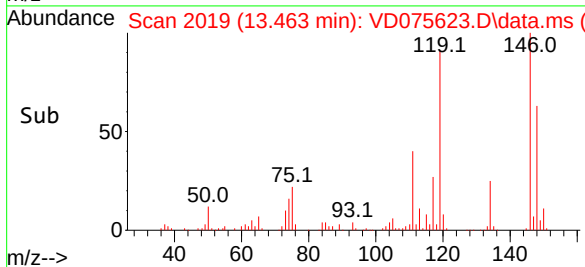
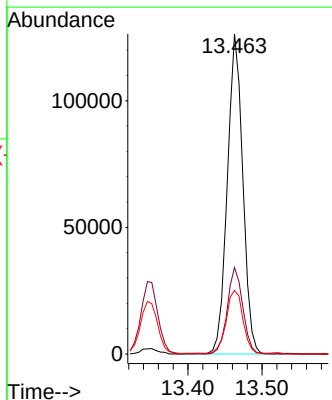
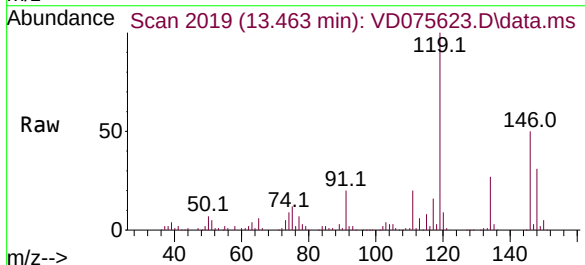
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBSD01

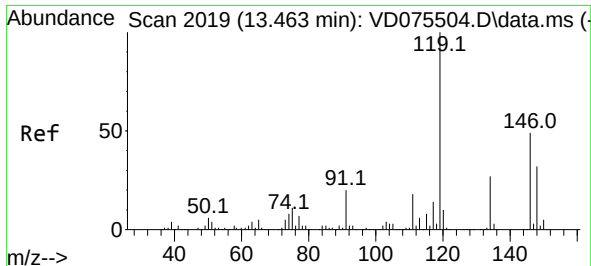
Tgt Ion:105 Resp: 221926
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.714 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075623.D
 Acq: 11 Apr 2023 16:39

Tgt Ion:119 Resp: 182927
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 21.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.352 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

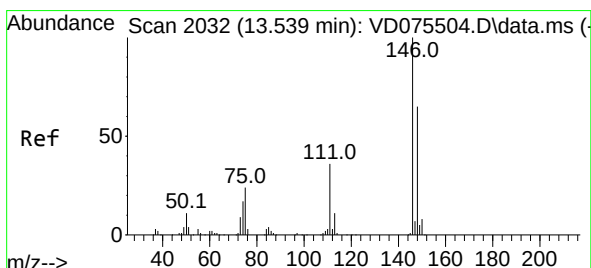
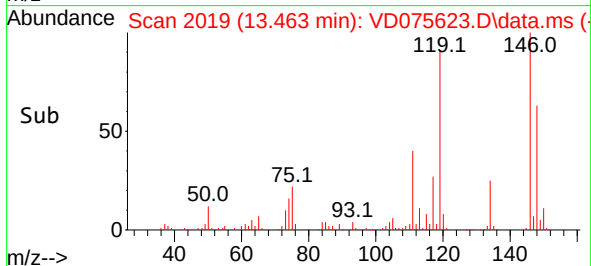
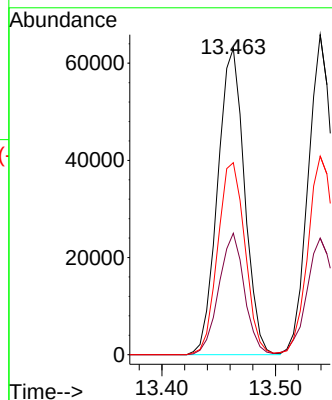
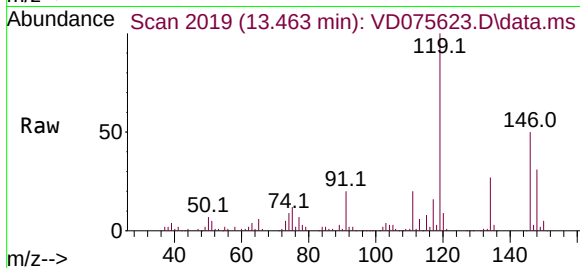
Tgt Ion:146 Resp: 103708

Ion Ratio Lower Upper

146 100

111 37.7 19.8 59.3

148 63.5 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 20.314 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

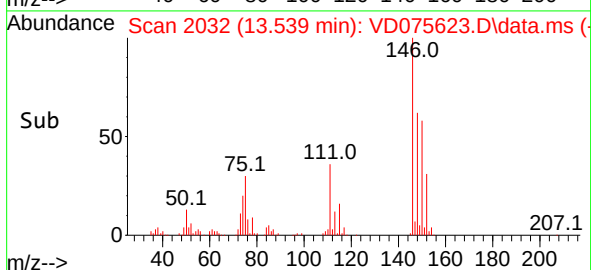
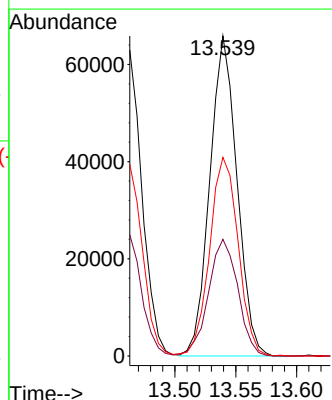
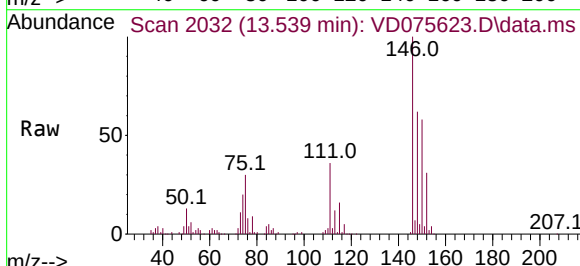
Tgt Ion:146 Resp: 102372

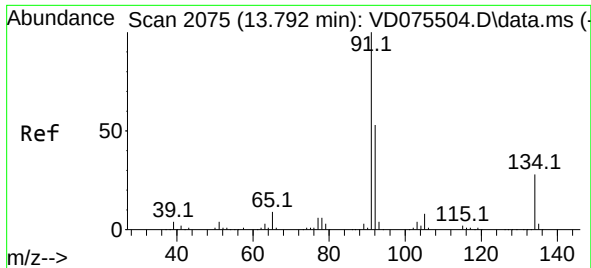
Ion Ratio Lower Upper

146 100

111 39.3 19.6 58.8

148 65.2 31.7 95.1

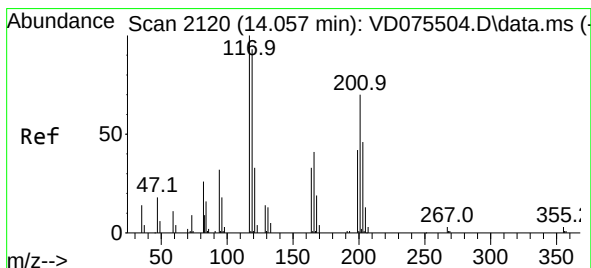
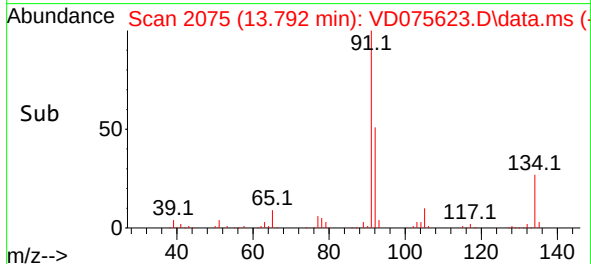
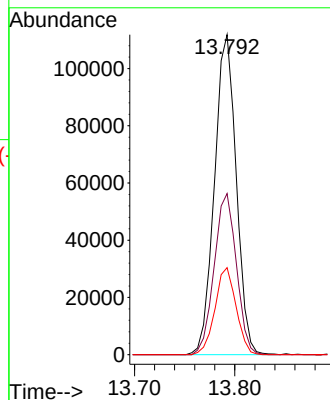
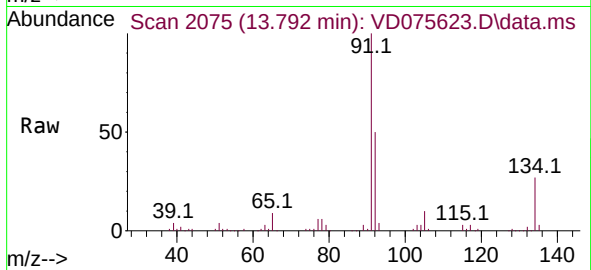




#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

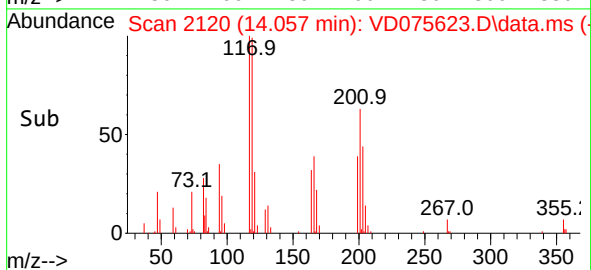
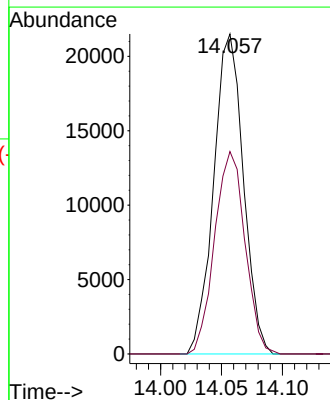
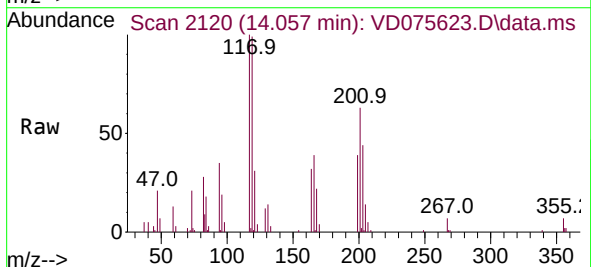
Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

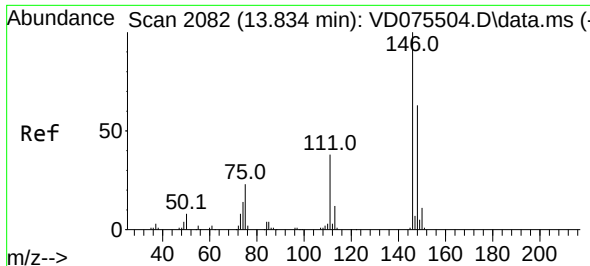
Tgt Ion: 91 Resp: 168108
Ion Ratio Lower Upper
91 100
92 51.4 26.2 78.5
134 26.4 12.7 38.0



#90
Hexachloroethane
Concen: 21.880 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion: 117 Resp: 36550
Ion Ratio Lower Upper
117 100
201 64.7 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 20.224 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

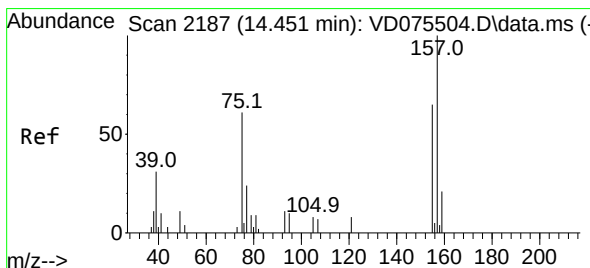
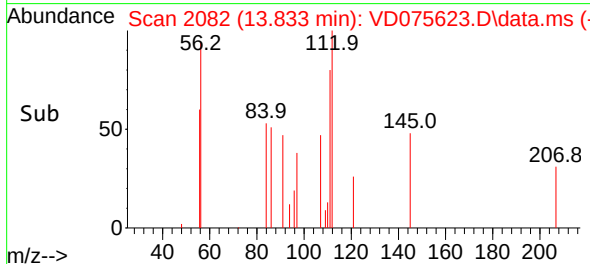
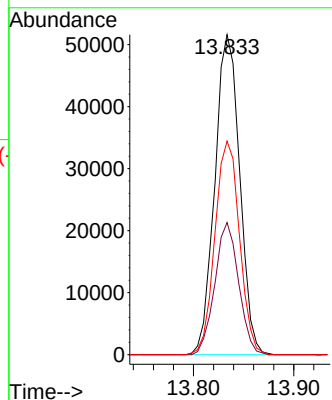
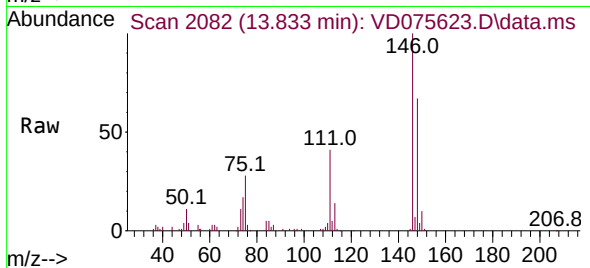
Tgt Ion:146 Resp: 88833

Ion Ratio Lower Upper

146 100

111 39.5 20.6 61.8

148 66.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.405 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

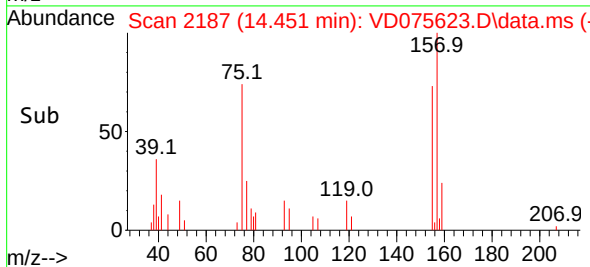
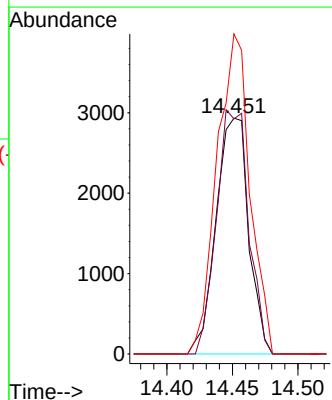
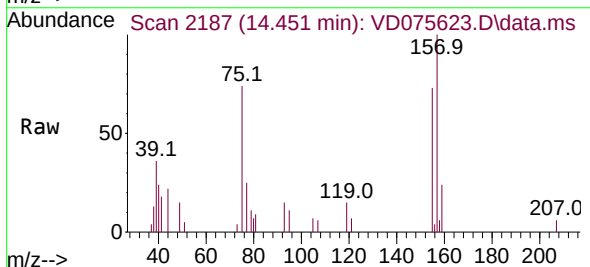
Tgt Ion: 75 Resp: 5068

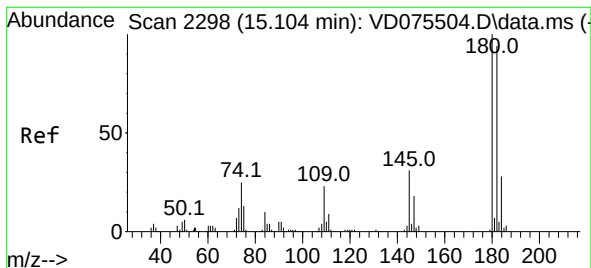
Ion Ratio Lower Upper

75 100

155 102.3 39.5 118.5

157 138.2 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 20.578 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBSD01

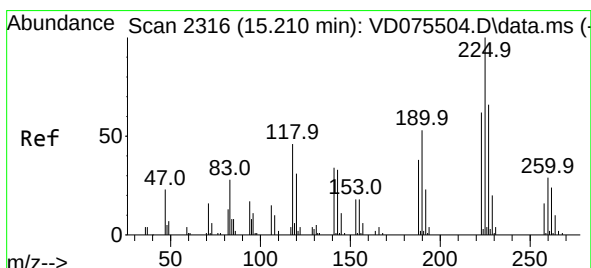
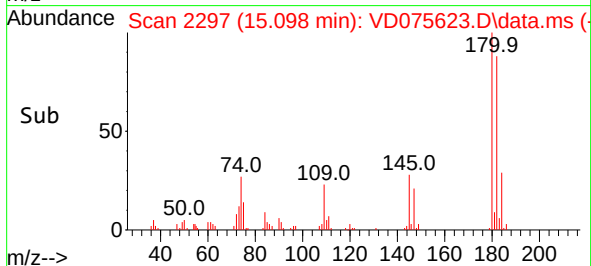
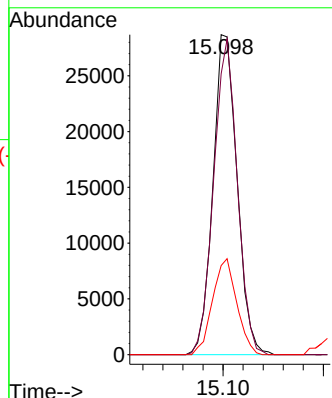
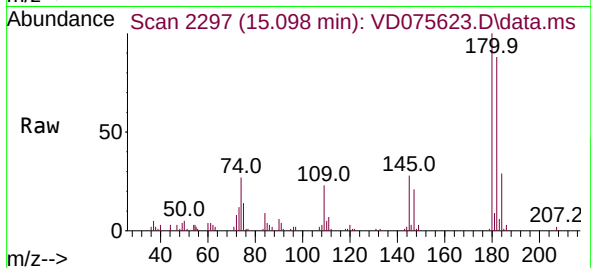
Tgt Ion:180 Resp: 47940

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.290 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075623.D

Acq: 11 Apr 2023 16:39

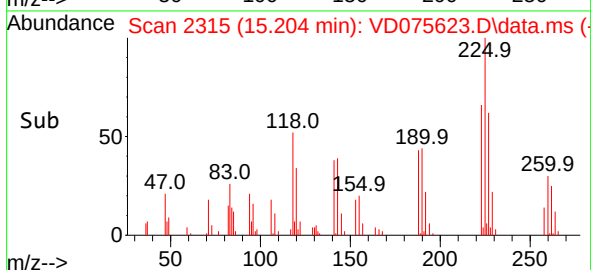
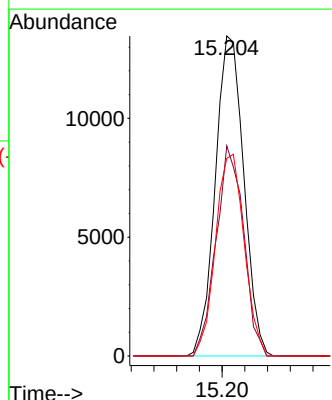
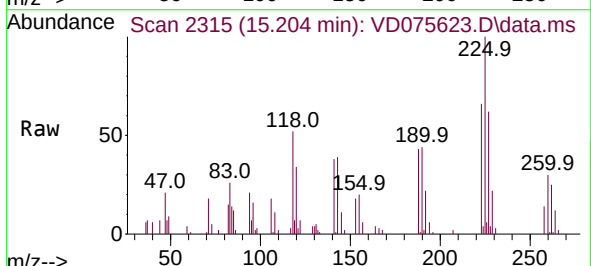
Tgt Ion:225 Resp: 23493

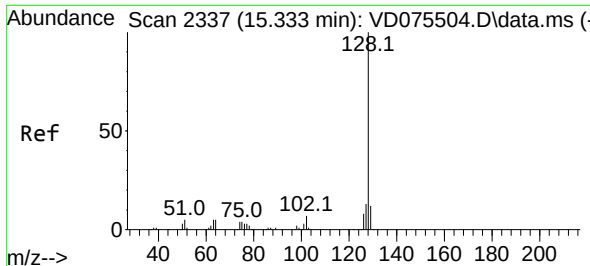
Ion Ratio Lower Upper

225 100

223 63.3 33.1 99.2

227 63.4 31.9 95.9

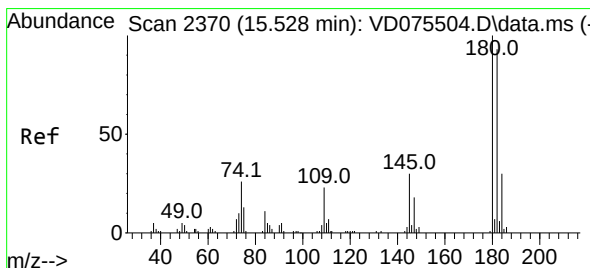
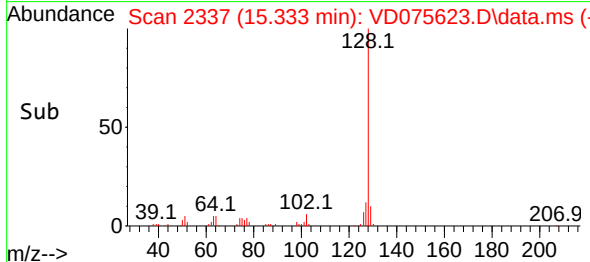
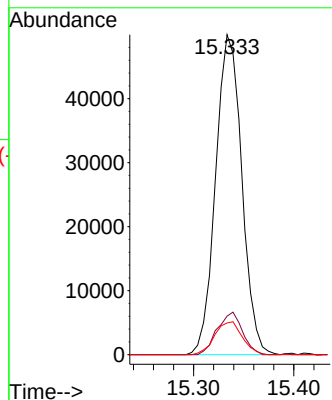
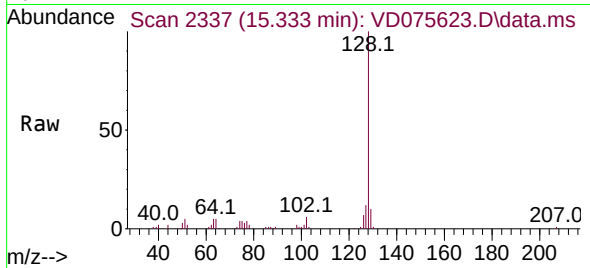




#95
Naphthalene
Concen: 20.511 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBSD01

Tgt Ion:128 Resp: 90730
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.943 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD075623.D
Acq: 11 Apr 2023 16:39

Tgt Ion:180 Resp: 43227
Ion Ratio Lower Upper
180 100
182 97.0 47.7 143.1
145 29.8 16.4 49.4

