

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075636.D
 Acq On : 12 Apr 2023 13:21
 Operator : KP/SY
 Sample : VD0412SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Quant Time: Apr 13 07:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	199152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	160191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92061	56.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.700%	
35) Dibromofluoromethane	7.805	113	115984	56.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.600%	
50) Toluene-d8	10.269	98	436611	54.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.575	95	138275	58.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30816	21.902	ug/l	96
3) Chloromethane	2.146	50	52208	21.338	ug/l	97
4) Vinyl Chloride	2.281	62	69542	20.303	ug/l	96
5) Bromomethane	2.681	94	54386	19.939	ug/l	98
6) Chloroethane	2.834	64	51291	21.347	ug/l	99
7) Trichlorofluoromethane	3.170	101	62750	21.476	ug/l	97
8) Diethyl Ether	3.593	74	18131	20.090	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.964	101	43380	22.555	ug/l	90
10) Methyl Iodide	4.164	142	46148	20.067	ug/l	92
11) Tert butyl alcohol	5.058	59	8944	115.798	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	38378	20.789	ug/l	89
13) Acrolein	3.793	56	14021	114.697	ug/l	93
14) Allyl chloride	4.564	41	35307	21.192	ug/l #	80
15) Acrylonitrile	5.252	53	37493	108.413	ug/l	97
16) Acetone	4.017	43	32238	108.295	ug/l	89
17) Carbon Disulfide	4.264	76	91836	19.220	ug/l	99
18) Methyl Acetate	4.564	43	19488	21.691	ug/l #	67
19) Methyl tert-butyl Ether	5.322	73	80298	20.581	ug/l	97
20) Methylene Chloride	4.799	84	56986	16.355	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	44516	20.429	ug/l #	72
22) Diisopropyl ether	6.211	45	89231	21.833	ug/l #	89
23) Vinyl Acetate	6.158	43	203239	102.528	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	72250	21.407	ug/l	98
25) 2-Butanone	7.087	43	41497	107.414	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	66059	21.336	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	51158	19.939	ug/l	82
28) Bromochloromethane	7.422	49	25031	21.706	ug/l #	48
29) Tetrahydrofuran	7.440	42	22150	108.269	ug/l #	54
30) Chloroform	7.593	83	81109	21.125	ug/l	97
31) Cyclohexane	7.875	56	48813	20.537	ug/l #	67
32) 1,1,1-Trichloroethane	7.793	97	69415	21.724	ug/l	95
36) 1,1-Dichloropropene	8.005	75	56389	21.431	ug/l	95
37) Ethyl Acetate	7.169	43	17837	22.548	ug/l #	95
38) Carbon Tetrachloride	7.987	117	53702	21.283	ug/l	98
39) Methylcyclohexane	9.275	83	59959	19.137	ug/l #	84
40) Benzene	8.252	78	183956	21.697	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7942	17.837	ug/l #	52
42) 1,2-Dichloroethane	8.322	62	42945	21.800	ug/l	91
43) Isopropyl Acetate	8.363	43	33226	22.002	ug/l #	80
44) Trichloroethene	9.028	130	48971	19.719	ug/l	98
45) 1,2-Dichloropropane	9.305	63	41679	21.073	ug/l	96
46) Dibromomethane	9.393	93	25692	20.922	ug/l	99
47) Bromodichloromethane	9.581	83	62772	21.138	ug/l	96
48) Methyl methacrylate	9.381	41	13101	19.143	ug/l #	51
49) 1,4-Dioxane	9.381	88	4581	411.523	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	85710	105.433	ug/l #	80
52) Toluene	10.334	92	114761	20.041	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	55232	20.519	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	65837	20.116	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	37863	20.908	ug/l	95
56) Ethyl methacrylate	10.599	69	34743	19.905	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	57940	21.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	90058	106.714	ug/l #	88
59) 2-Hexanone	10.922	43	62905	109.839	ug/l	76
60) Dibromochloromethane	11.075	129	43221	19.990	ug/l	97
61) 1,2-Dibromoethane	11.181	107	33720	19.482	ug/l	95
64) Tetrachloroethene	10.810	164	40740	21.038	ug/l	95
65) Chlorobenzene	11.610	112	130655	20.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	45291	20.493	ug/l	97
67) Ethyl Benzene	11.687	91	209744	20.341	ug/l	94
68) m/p-Xylenes	11.793	106	172780	40.682	ug/l	91
69) o-Xylene	12.122	106	76994	20.137	ug/l	95
70) Styrene	12.140	104	135467	20.660	ug/l	93
71) Bromoform	12.298	173	24523	21.468	ug/l #	99
73) Isopropylbenzene	12.422	105	202830	20.404	ug/l	99
74) N-amyl acetate	12.234	43	28459	20.413	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.675	83	43275	23.274	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	46421	44.574	ug/l #	100
77) Bromobenzene	12.704	156	49596	19.766	ug/l	92
78) n-propylbenzene	12.763	91	259343	21.699	ug/l	98
79) 2-Chlorotoluene	12.851	91	140451	21.247	ug/l	93
80) 1,3,5-Trimethylbenzene	12.910	105	173518	21.313	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	11474	20.976	ug/l #	75
82) 4-Chlorotoluene	12.951	91	148815	21.702	ug/l	94
83) tert-Butylbenzene	13.169	119	142466	20.154	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	173051	21.049	ug/l	96
85) sec-Butylbenzene	13.345	105	229713	21.265	ug/l	99
86) p-Isopropyltoluene	13.463	119	188012	20.705	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	106803	20.384	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	105569	20.373	ug/l	97
89) n-Butylbenzene	13.787	91	172179	20.855	ug/l	99
90) Hexachloroethane	14.057	117	36834	21.444	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	91096	20.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4780	20.551	ug/l	77
93) 1,2,4-Trichlorobenzene	15.104	180	50020	20.882	ug/l	98
94) Hexachlorobutadiene	15.204	225	24418	21.520	ug/l	95
95) Naphthalene	15.334	128	88922	19.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	42510	20.030	ug/l	99

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Response via : Initial Calibration

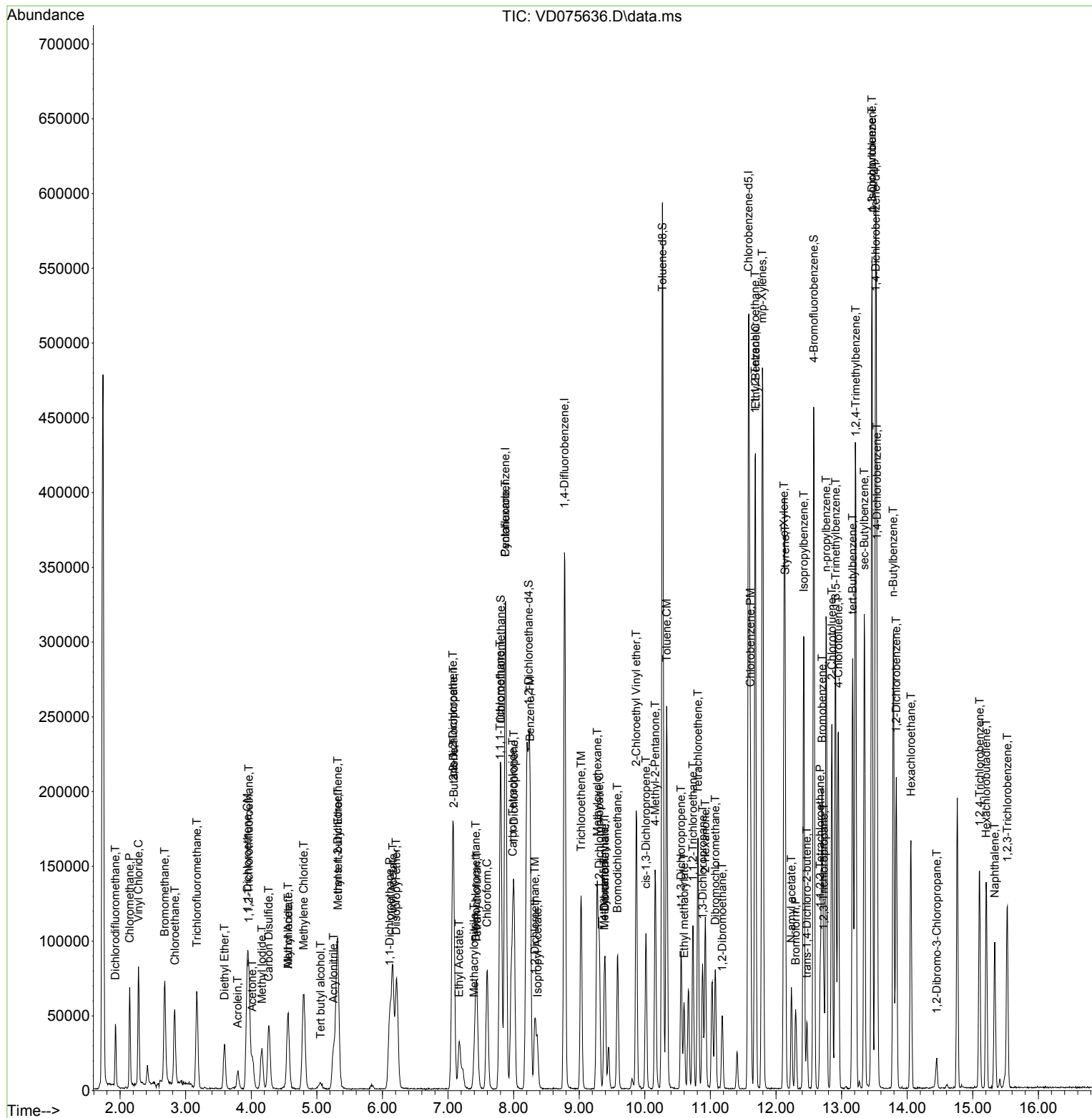
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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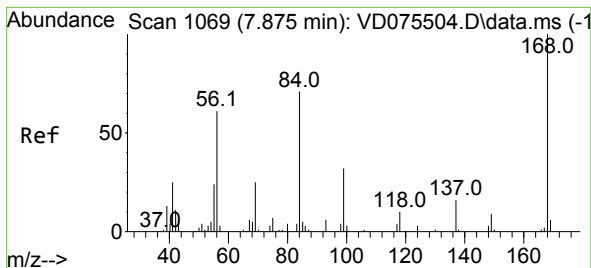
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

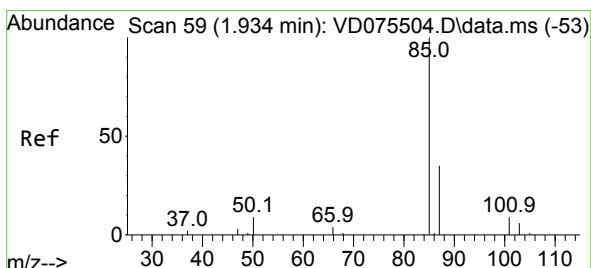
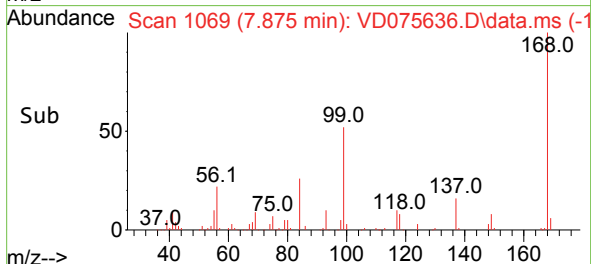
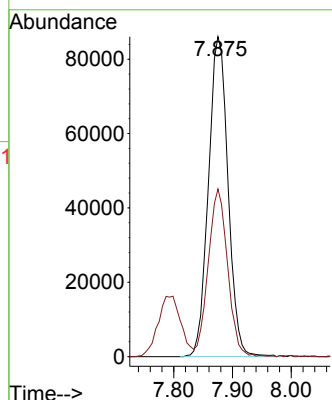
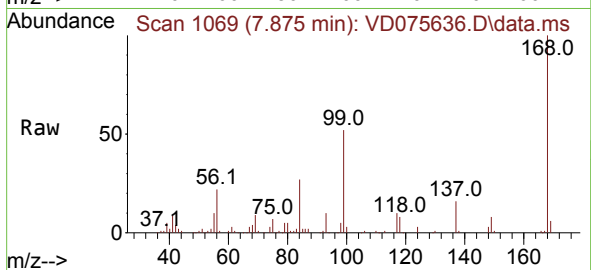
VD0412SBSD01

Tgt Ion:168 Resp: 199152

Ion Ratio Lower Upper

168 100

99 52.0 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 21.902 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD075636.D

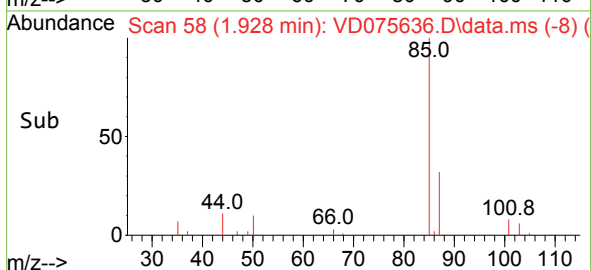
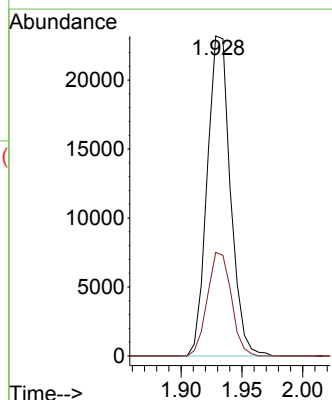
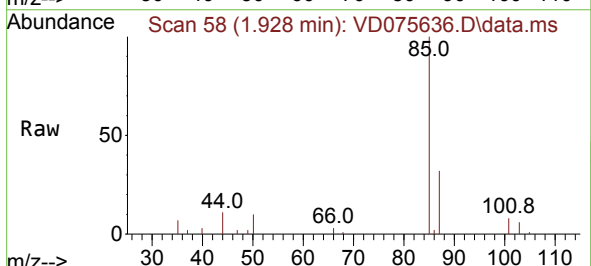
Acq: 12 Apr 2023 13:21

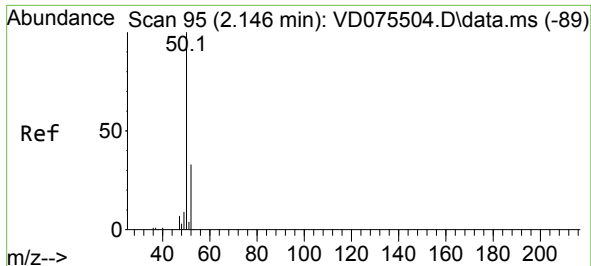
Tgt Ion: 85 Resp: 30816

Ion Ratio Lower Upper

85 100

87 32.4 17.3 51.7

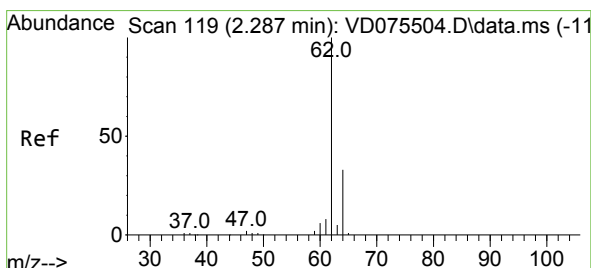
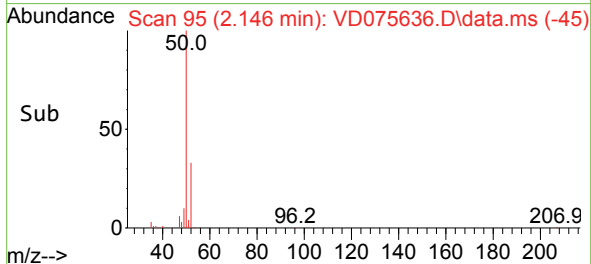
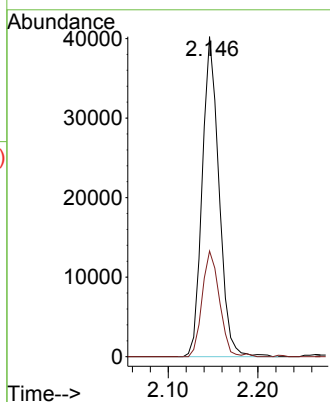
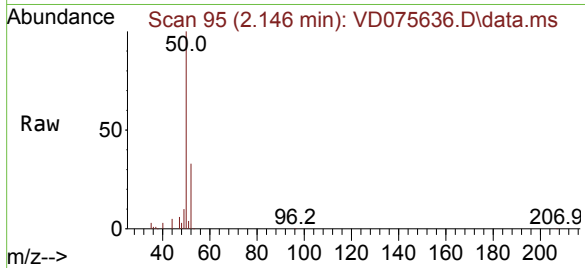




#3
Chloromethane
Concen: 21.338 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

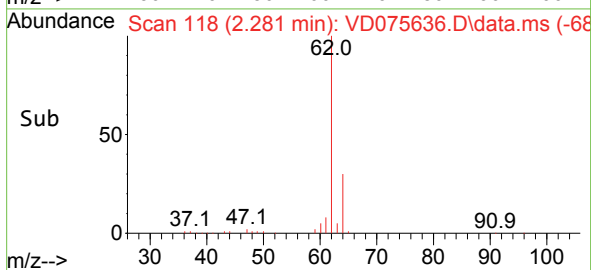
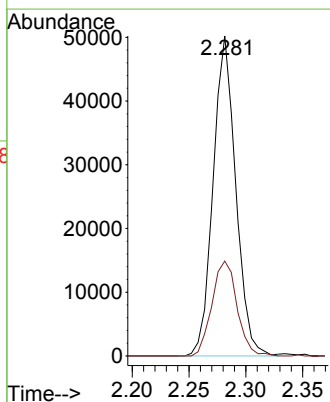
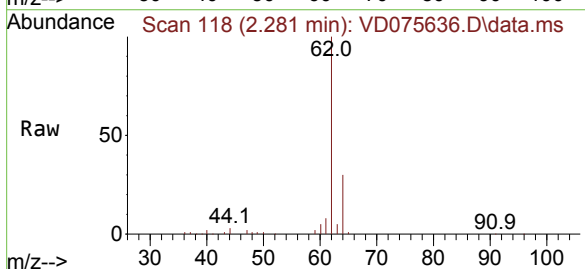
Instrument :
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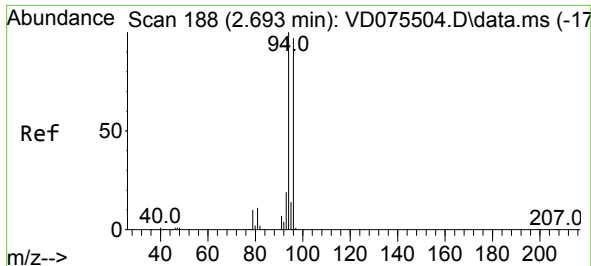
Tgt Ion: 50 Resp: 52208
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8



#4
Vinyl Chloride
Concen: 20.303 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 62 Resp: 69542
Ion Ratio Lower Upper
62 100
64 29.6 25.4 38.0

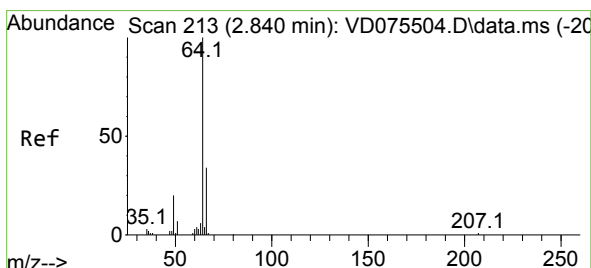
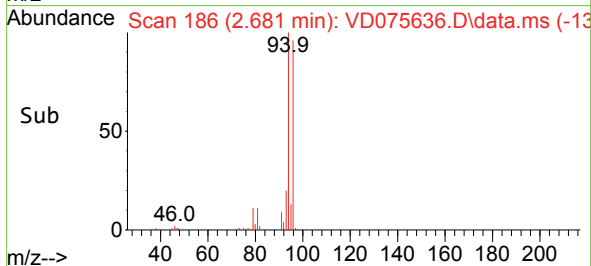
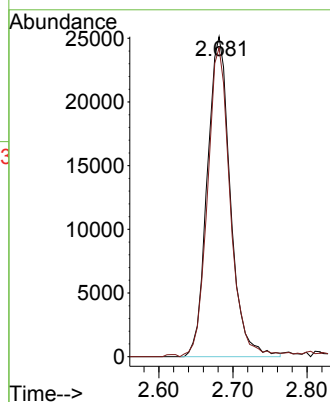
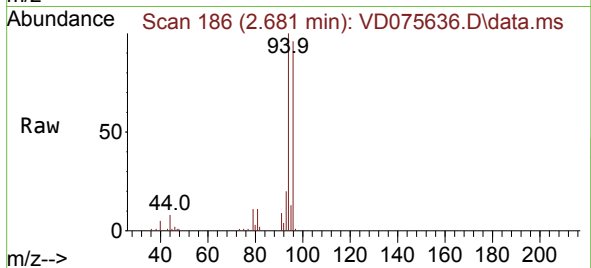




#5
Bromomethane
Concen: 19.939 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

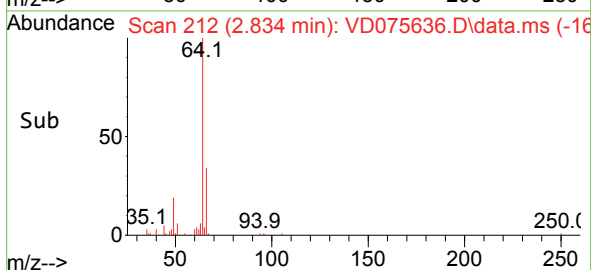
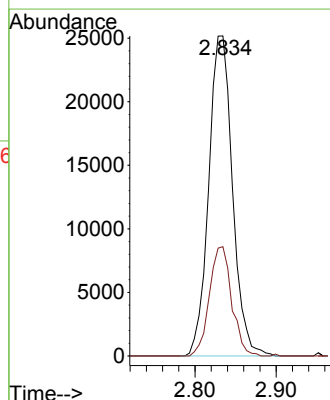
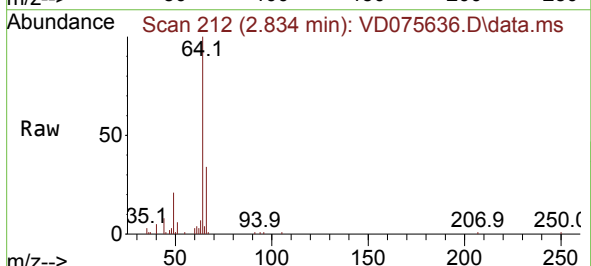
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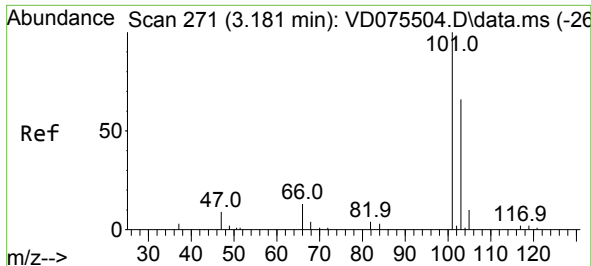
Tgt Ion: 94 Resp: 54386
Ion Ratio Lower Upper
94 100
96 94.8 77.5 116.3



#6
Chloroethane
Concen: 21.347 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075636.D
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Tgt Ion: 64 Resp: 51291
Ion Ratio Lower Upper
64 100
66 34.2 27.7 41.5

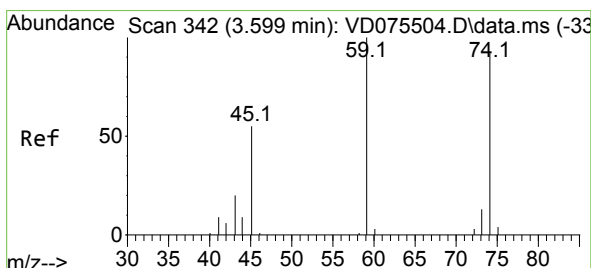
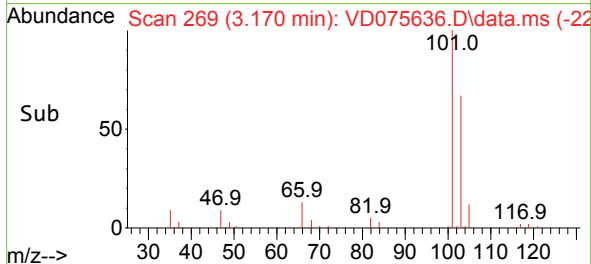
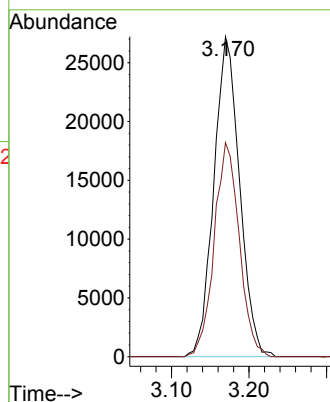
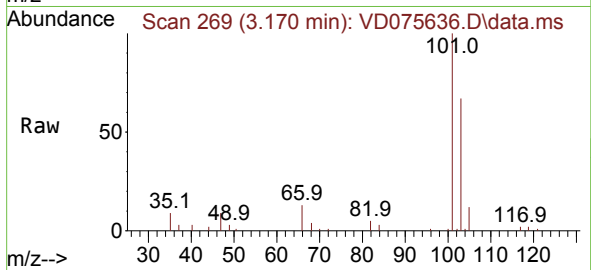




#7
 Trichlorofluoromethane
 Concen: 21.476 ug/l
 RT: 3.170 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

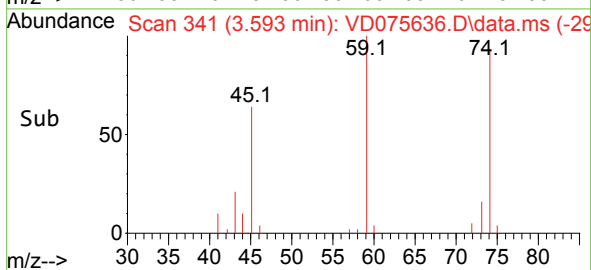
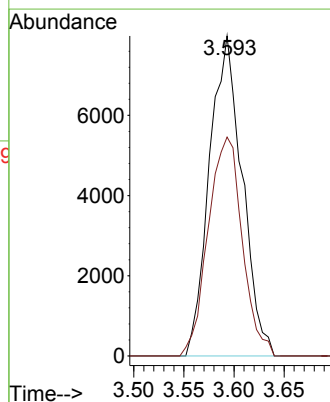
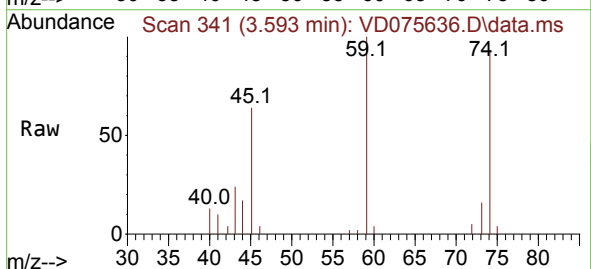
Instrument :
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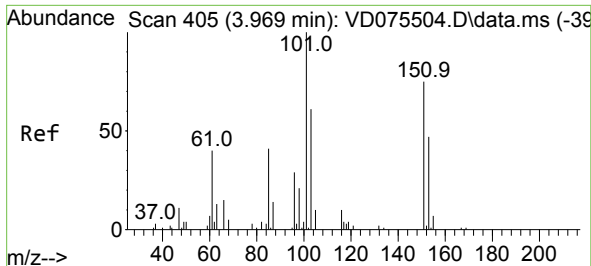
Tgt Ion:101 Resp: 62750
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.090 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

Tgt Ion: 74 Resp: 18131
 Ion Ratio Lower Upper
 74 100
 45 71.1 50.9 152.7

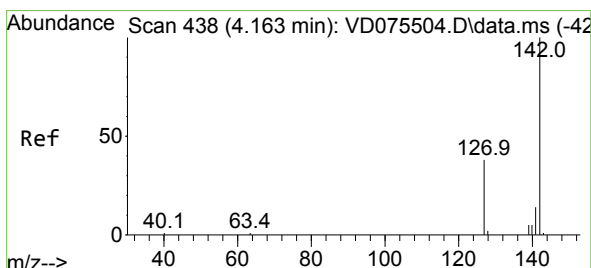
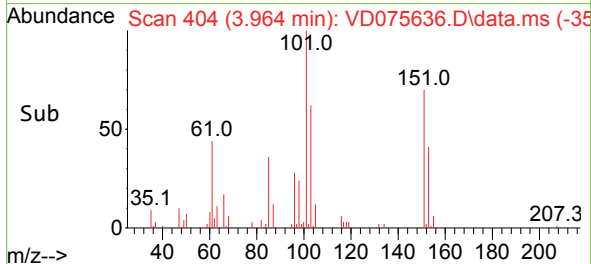
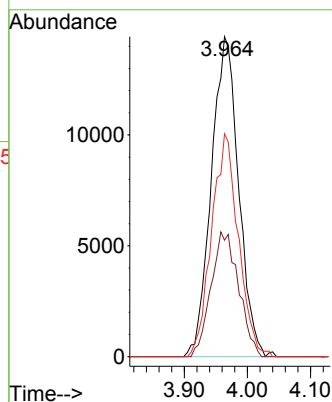
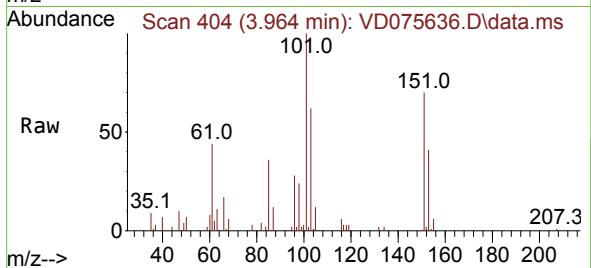




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.555 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

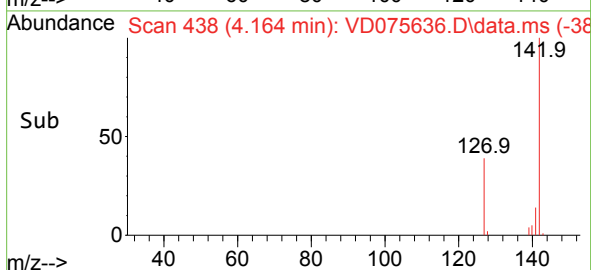
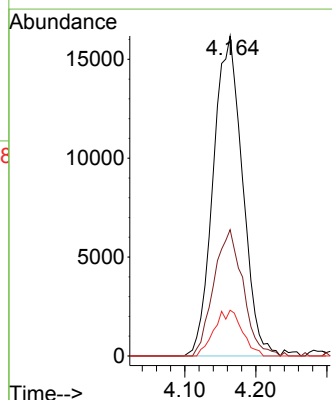
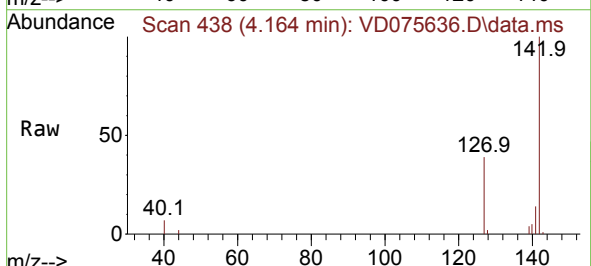
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

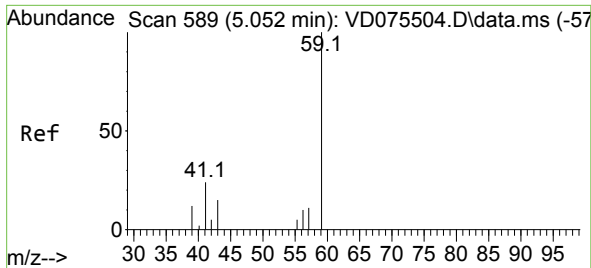
Tgt Ion:101 Resp: 43380
Ion Ratio Lower Upper
101 100
85 39.5 38.3 57.5
151 68.1 60.4 90.6



#10
Methyl Iodide
Concen: 20.067 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:142 Resp: 46148
Ion Ratio Lower Upper
142 100
127 39.7 37.1 55.7
141 13.7 11.3 16.9

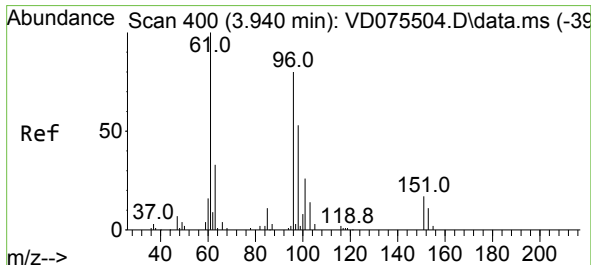
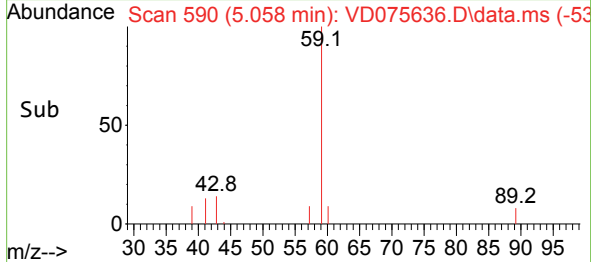
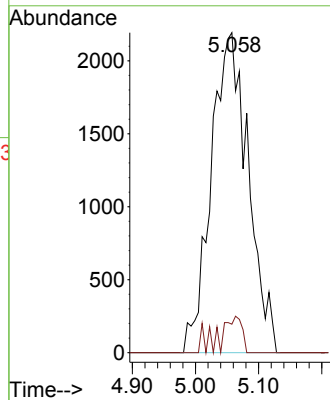
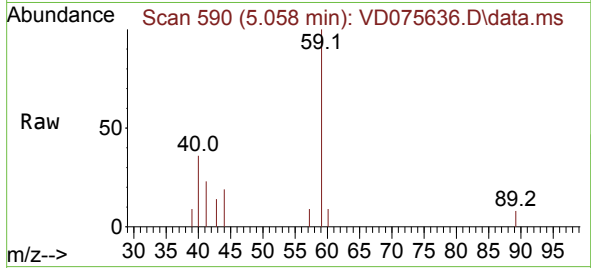




#11
Tert butyl alcohol
Concen: 115.798 ug/l
RT: 5.058 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

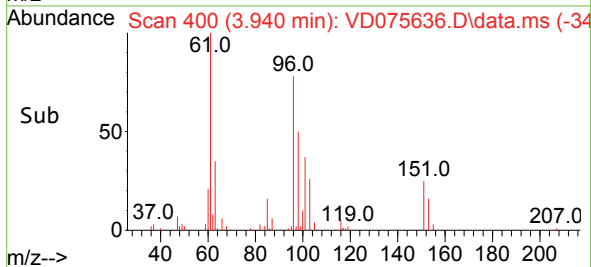
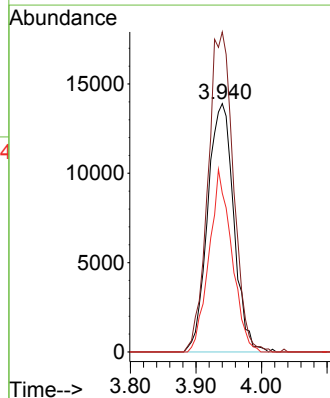
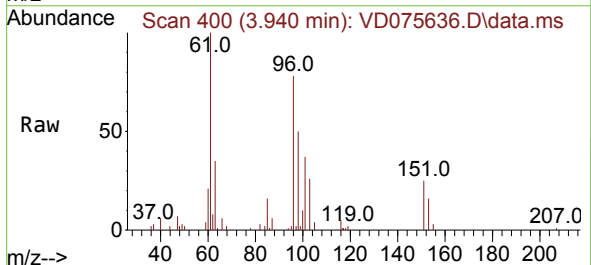
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

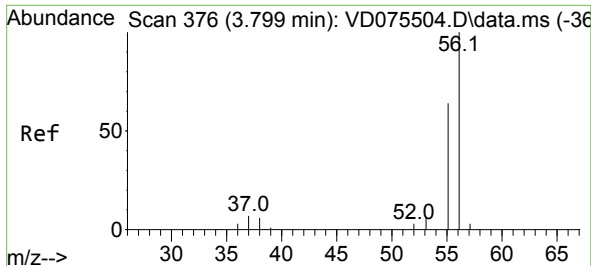
Tgt Ion: 59 Resp: 8944
Ion Ratio Lower Upper
59 100
57 5.6 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.789 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 96 Resp: 38378
Ion Ratio Lower Upper
96 100
61 128.9 118.6 177.8
98 63.9 49.7 74.5





#13

Acrolein

Concen: 114.697 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

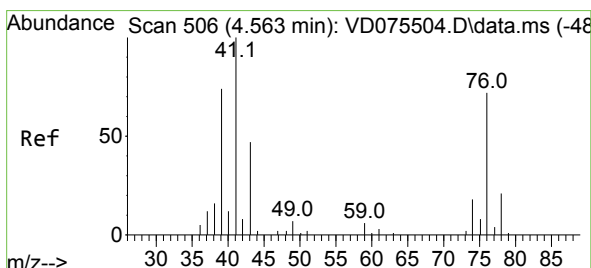
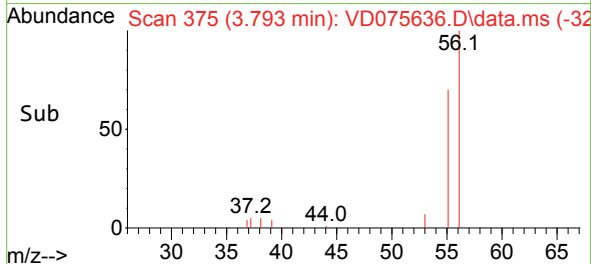
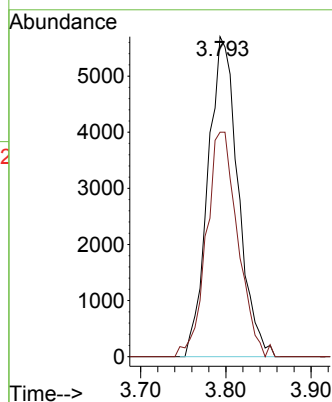
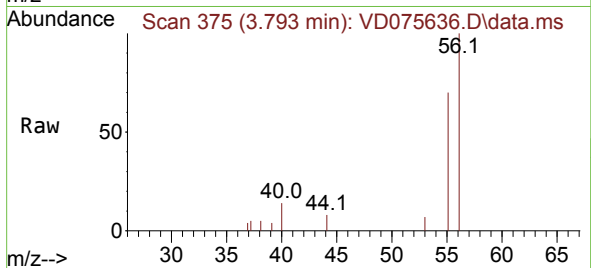
VD0412SBSD01

Tgt Ion: 56 Resp: 14021

Ion Ratio Lower Upper

56 100

55 73.3 53.9 80.9



#14

Allyl chloride

Concen: 21.192 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

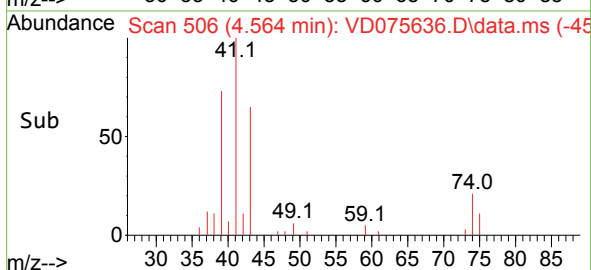
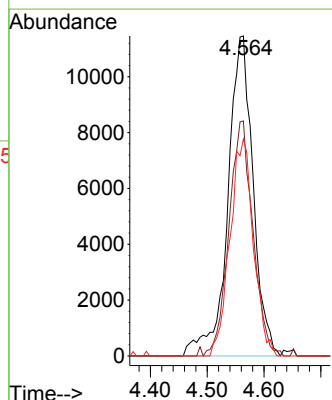
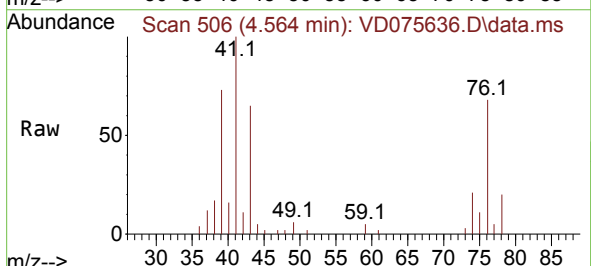
Tgt Ion: 41 Resp: 35307

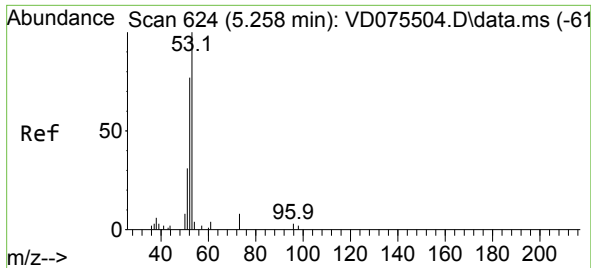
Ion Ratio Lower Upper

41 100

39 69.9 60.6 90.8

76 63.2 28.6 43.0#

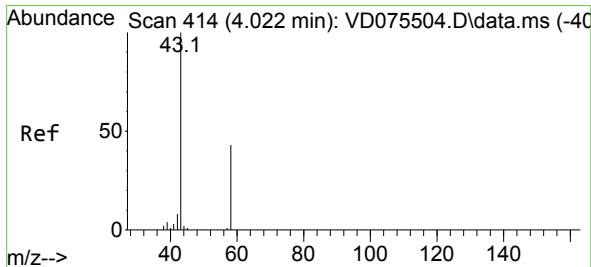
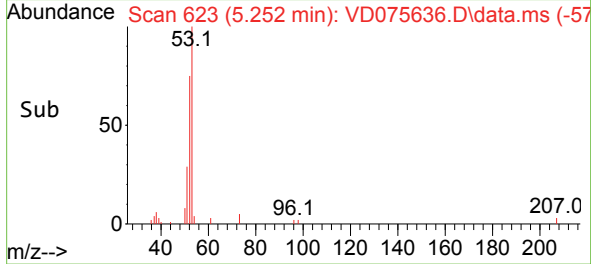
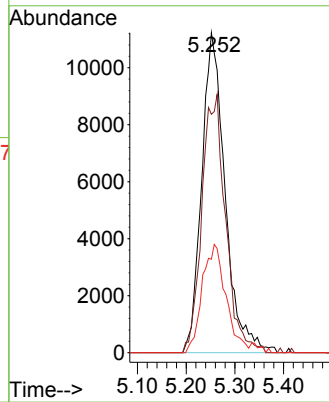
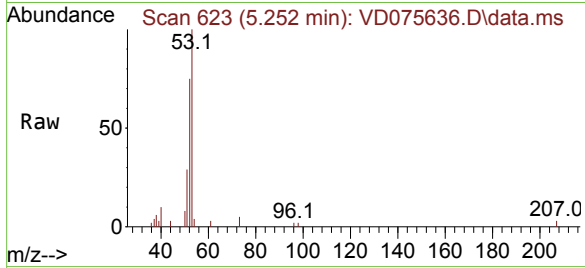




#15
Acrylonitrile
Concen: 108.413 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

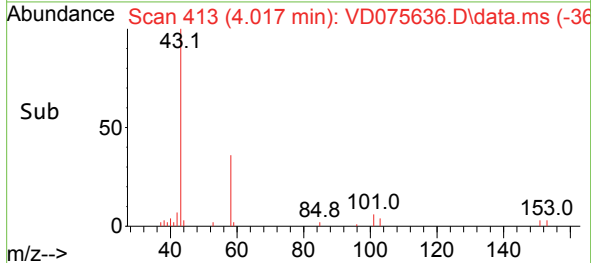
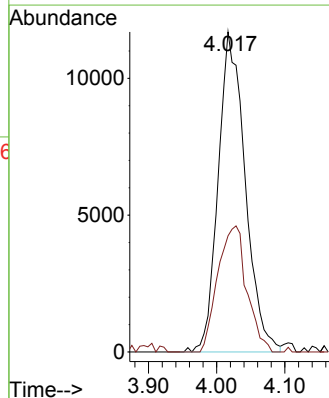
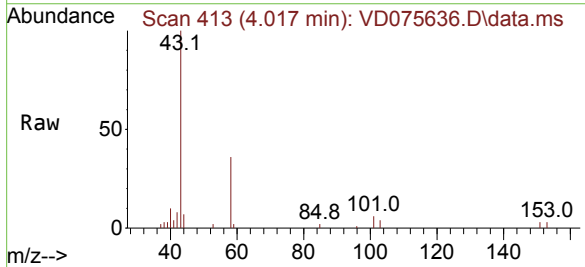
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

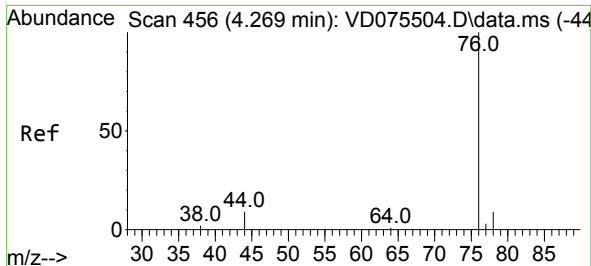
Tgt Ion: 53	Resp: 37493
Ion Ratio	Lower Upper
53 100	
52 81.8	66.2 99.4
51 34.2	30.7 46.1



#16
Acetone
Concen: 108.295 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 43	Resp: 32238
Ion Ratio	Lower Upper
43 100	
58 36.3	24.4 36.6

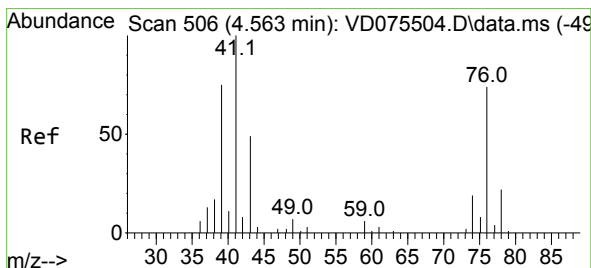
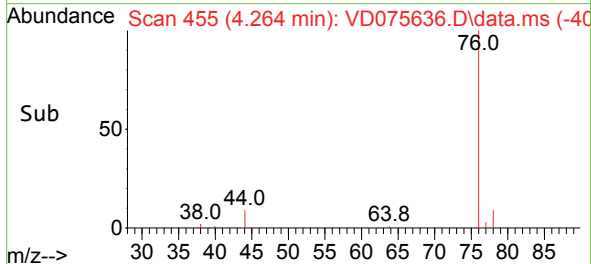
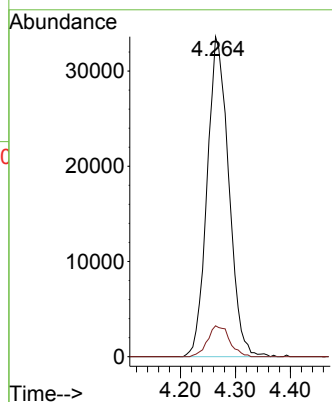
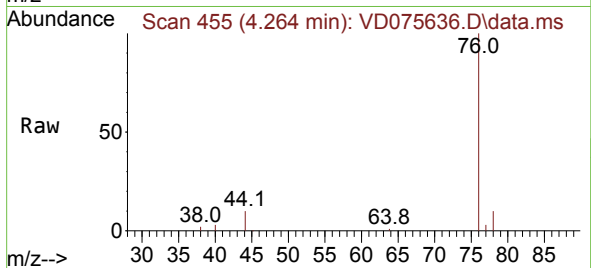




#17
Carbon Disulfide
Concen: 19.220 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

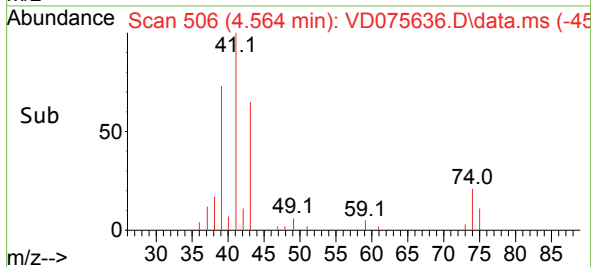
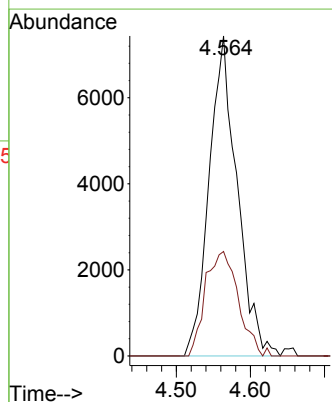
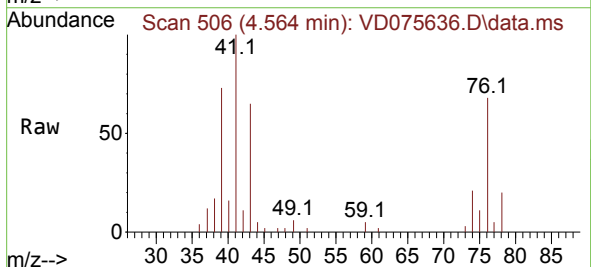
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

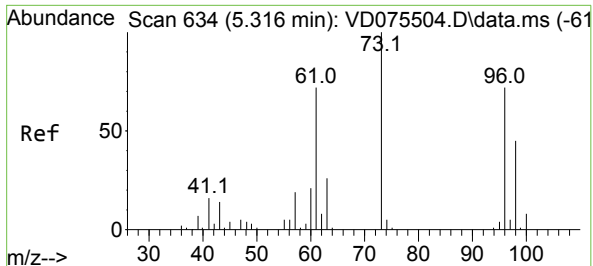
Tgt Ion: 76 Resp: 91836
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0



#18
Methyl Acetate
Concen: 21.691 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 43 Resp: 19488
Ion Ratio Lower Upper
43 100
74 38.1 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 20.581 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

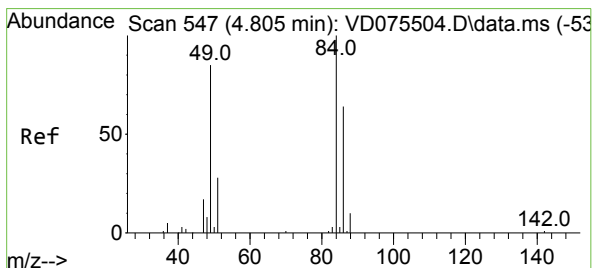
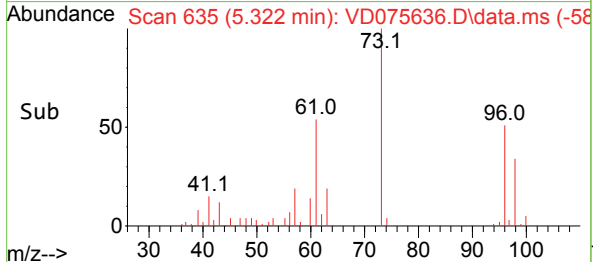
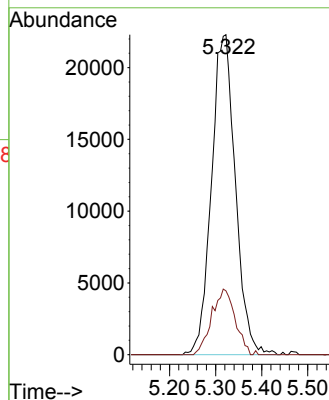
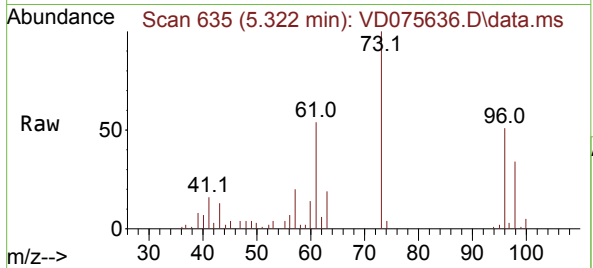
VD0412SBSD01

Tgt Ion: 73 Resp: 80298

Ion Ratio Lower Upper

73 100

57 19.9 17.2 25.8



#20

Methylene Chloride

Concen: 16.355 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Tgt Ion: 84 Resp: 56986

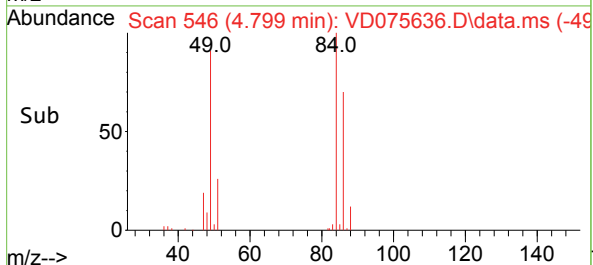
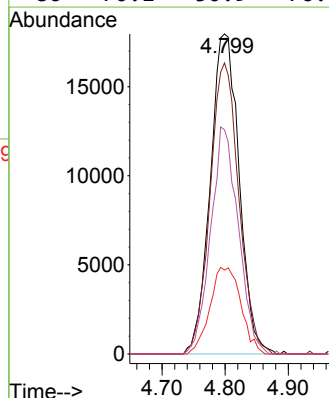
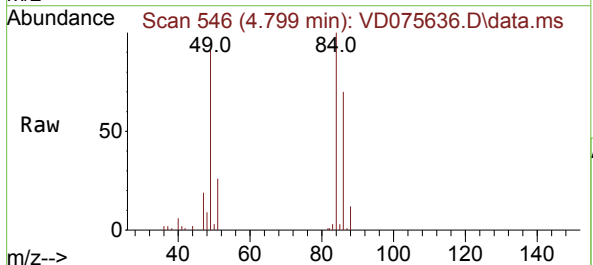
Ion Ratio Lower Upper

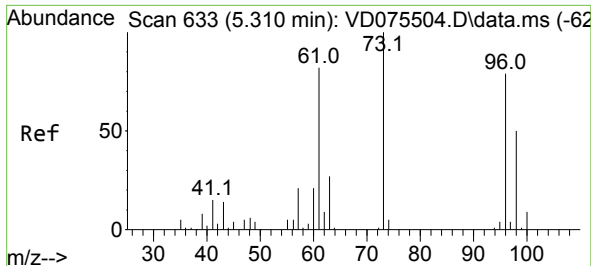
84 100

49 90.9 106.4 159.6#

51 26.2 32.4 48.6#

86 70.1 50.9 76.3

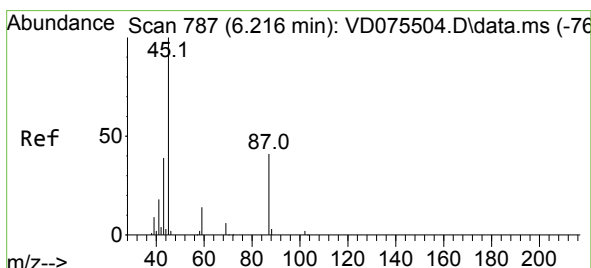
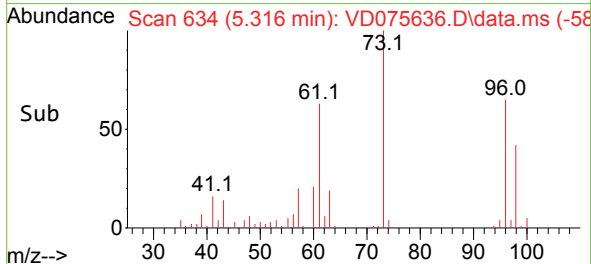
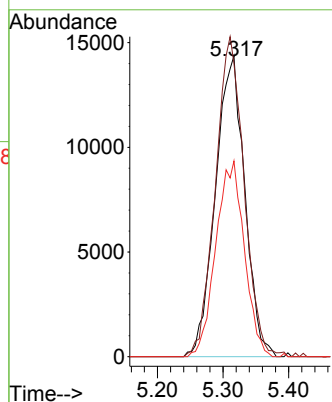
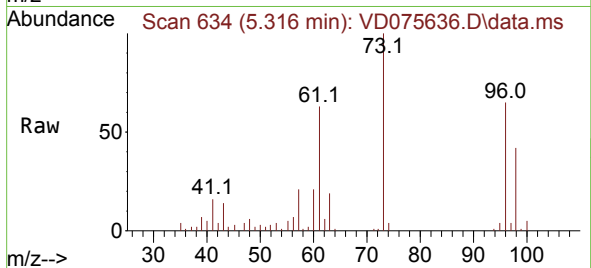




#21
trans-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

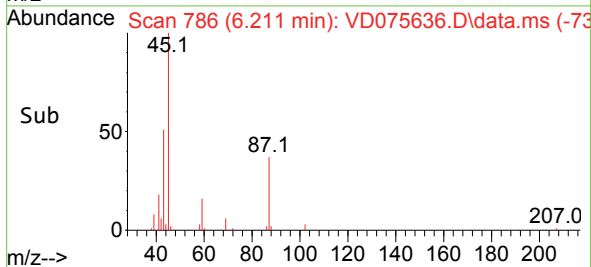
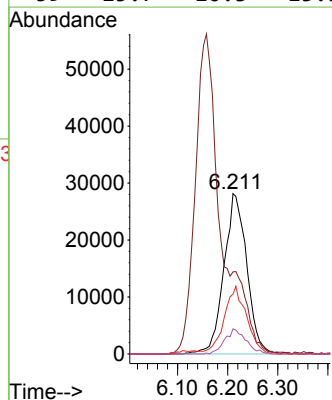
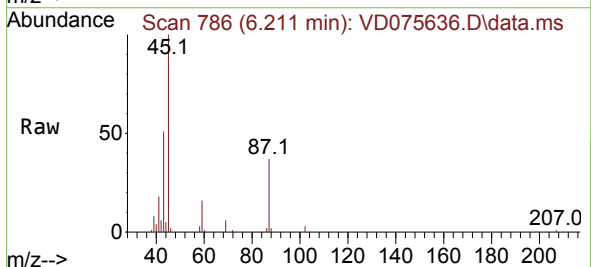
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

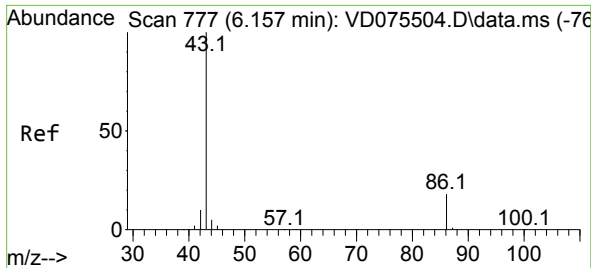
Tgt Ion: 96 Resp: 44516
Ion Ratio Lower Upper
96 100
61 97.5 117.2 175.8#
98 65.1 50.6 76.0



#22
Diisopropyl ether
Concen: 21.833 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 45 Resp: 89231
Ion Ratio Lower Upper
45 100
43 50.1 44.4 66.6
87 37.3 20.9 31.3#
59 15.7 10.3 15.5#

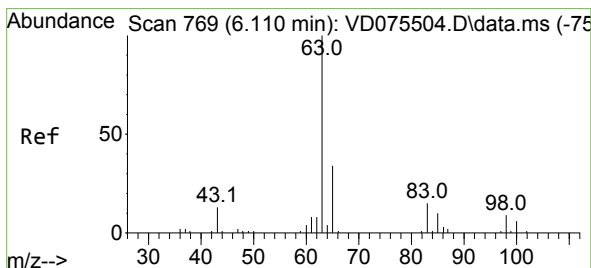
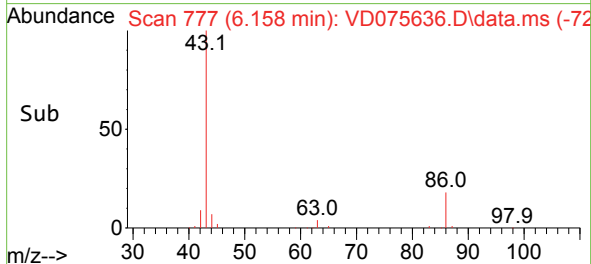
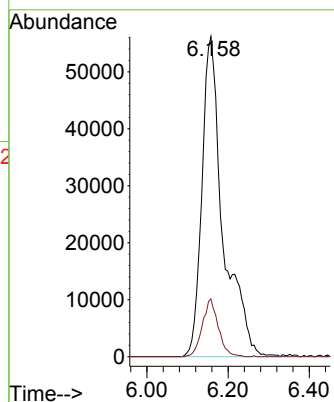
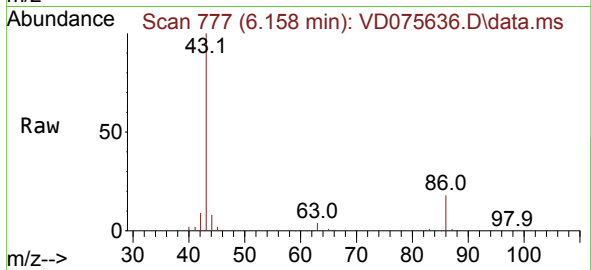




#23
 Vinyl Acetate
 Concen: 102.528 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

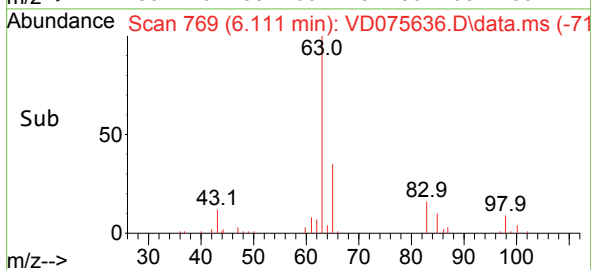
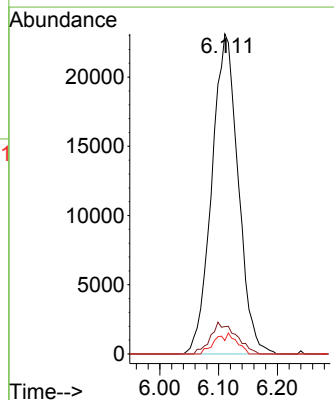
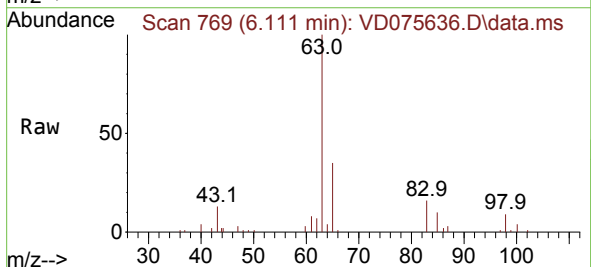
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBSD01

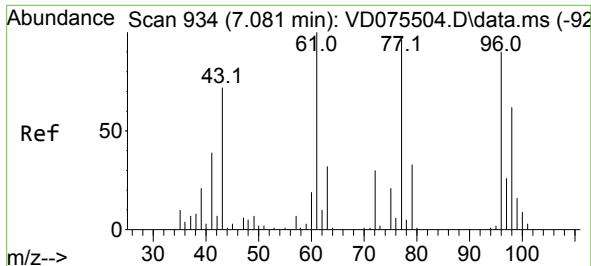
Tgt Ion: 43 Resp: 203239
 Ion Ratio Lower Upper
 43 100
 86 18.0 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.407 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

Tgt Ion: 63 Resp: 72250
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 107.414 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

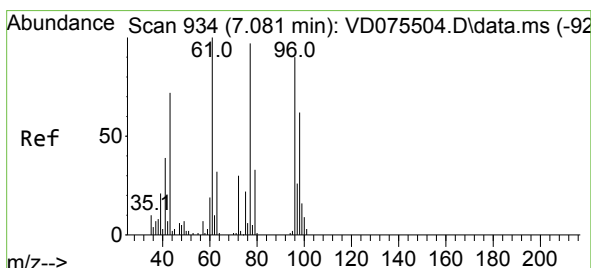
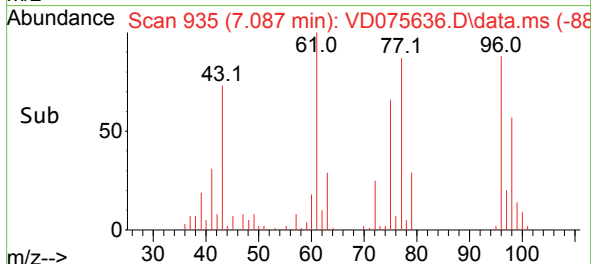
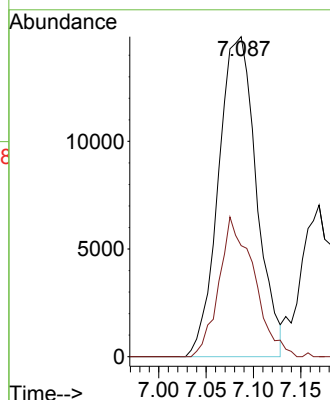
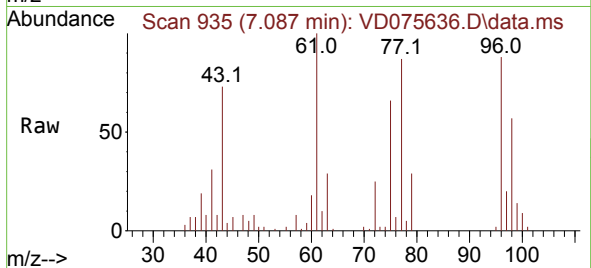
VD0412SBSD01

Tgt Ion: 43 Resp: 41497

Ion Ratio Lower Upper

43 100

72 34.7 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 21.336 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075636.D

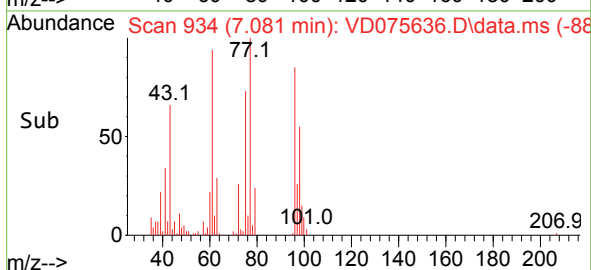
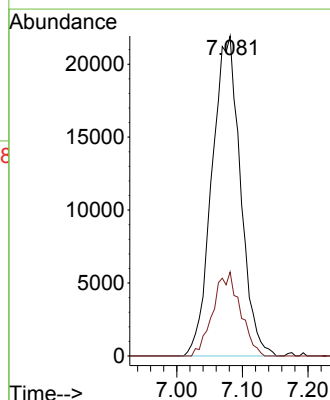
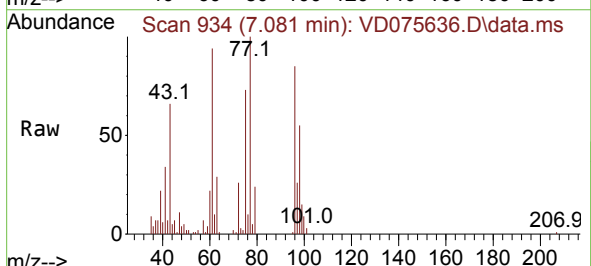
Acq: 12 Apr 2023 13:21

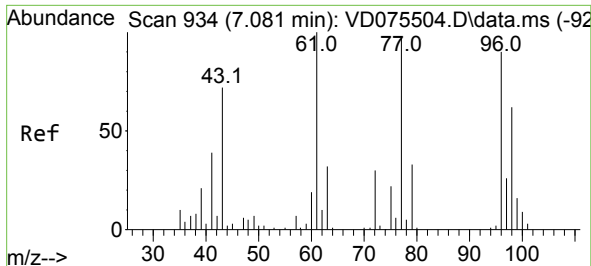
Tgt Ion: 77 Resp: 66059

Ion Ratio Lower Upper

77 100

97 25.2 11.1 33.1



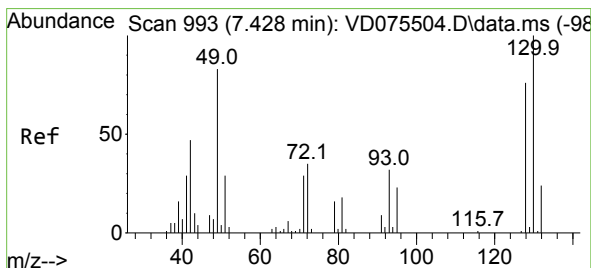
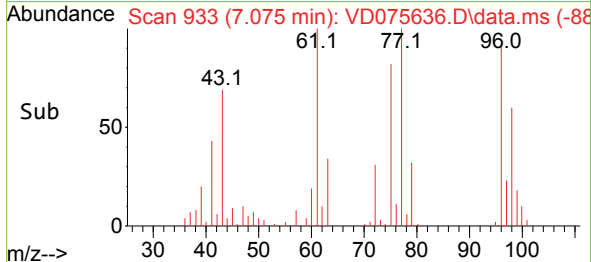
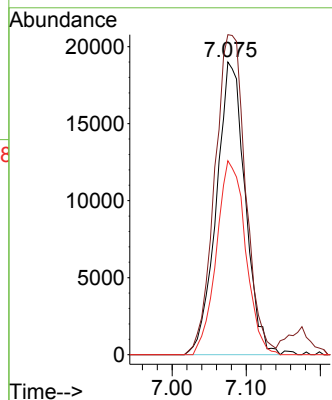
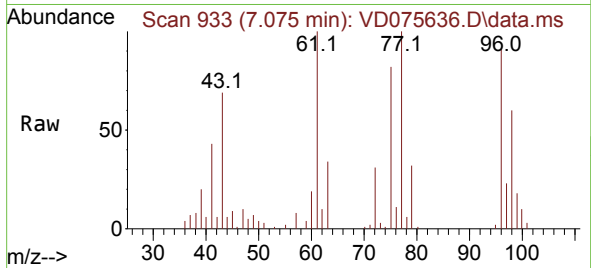


#27
 cis-1,2-Dichloroethene
 Concen: 19.939 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Tgt Ion: 96 Resp: 51158

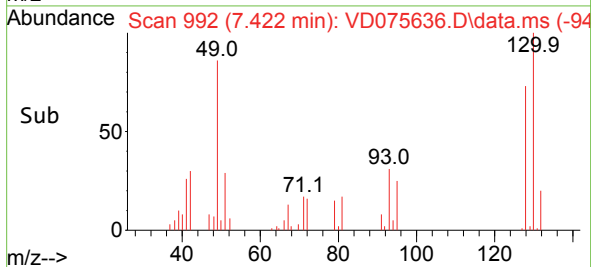
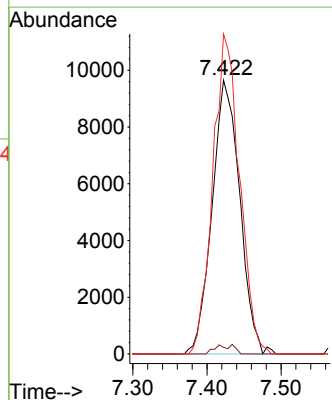
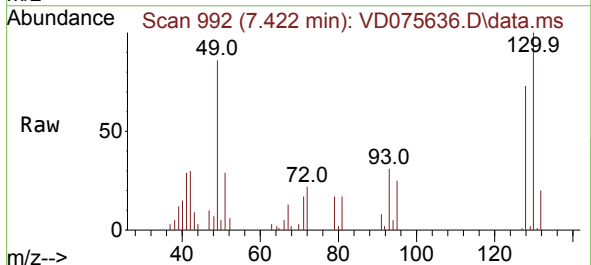
Ion	Ratio	Lower	Upper
96	100		
61	117.2	0.0	295.2
98	67.2	0.0	129.2

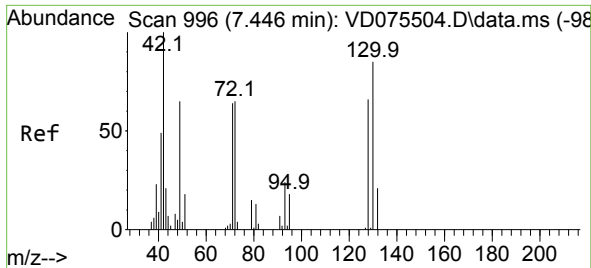


#28
 Bromochloromethane
 Concen: 21.706 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

Tgt Ion: 49 Resp: 25031

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2#
130	112.9	56.0	84.0#

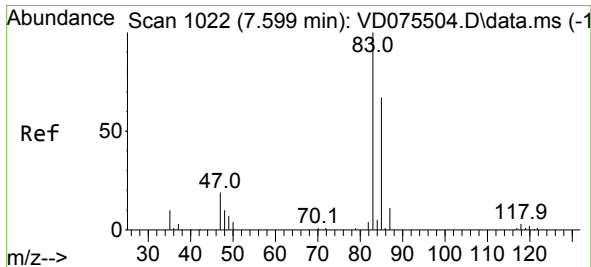
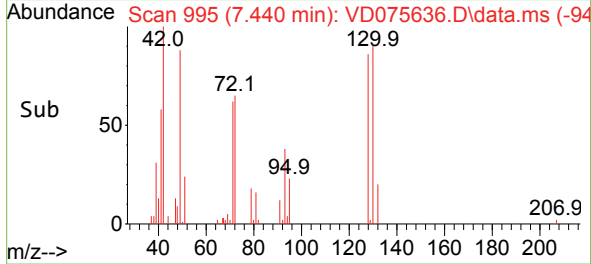
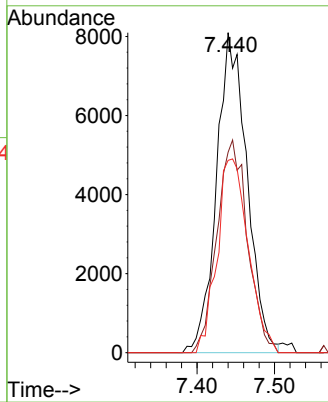
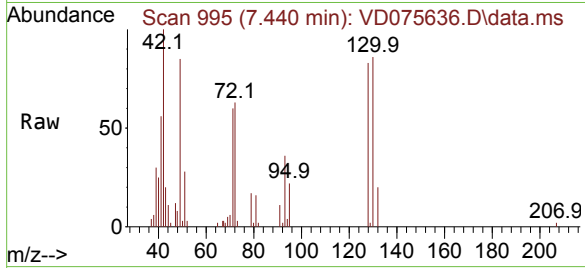




#29
Tetrahydrofuran
Concen: 108.269 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

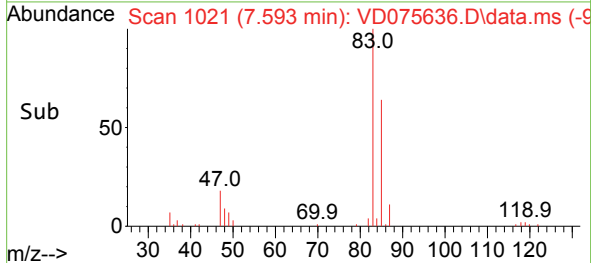
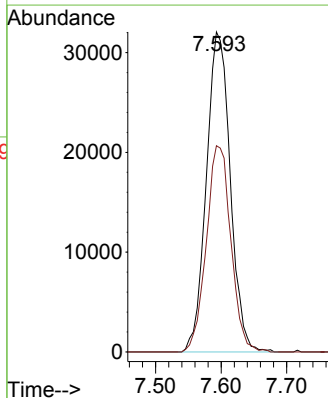
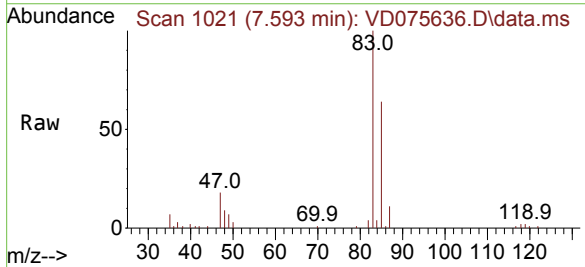
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

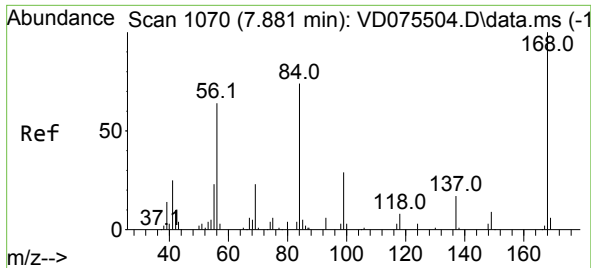
Tgt Ion:	42	Resp:	22150
Ion	Ratio	Lower	Upper
42	100		
72	66.7	31.8	47.6#
71	62.1	27.6	41.4#



#30
Chloroform
Concen: 21.125 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:	83	Resp:	81109
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.4	74.2

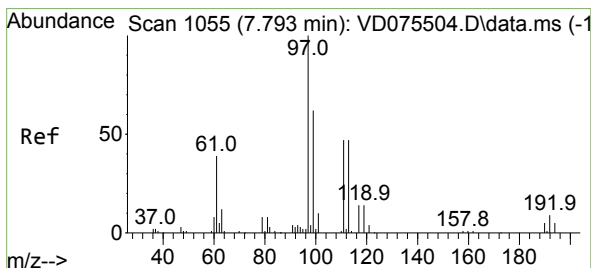
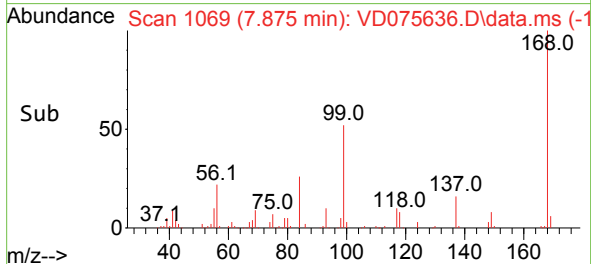
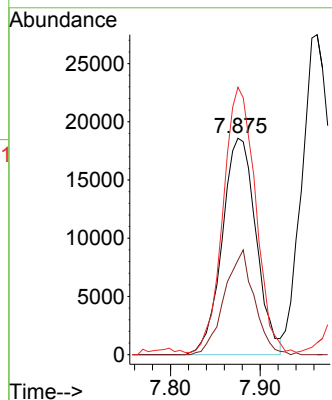
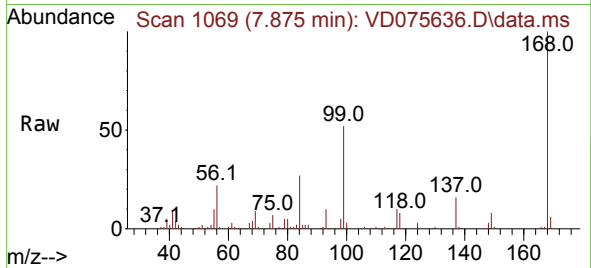




#31
Cyclohexane
Concen: 20.537 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

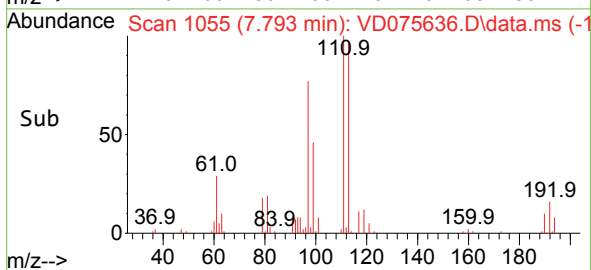
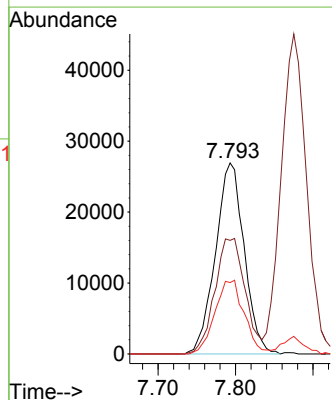
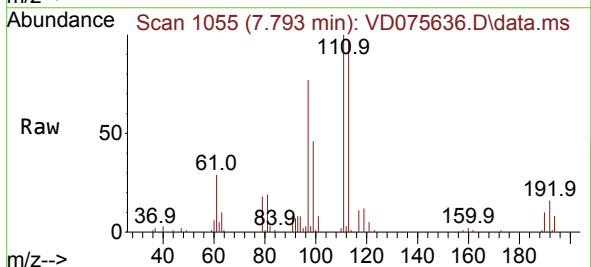
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

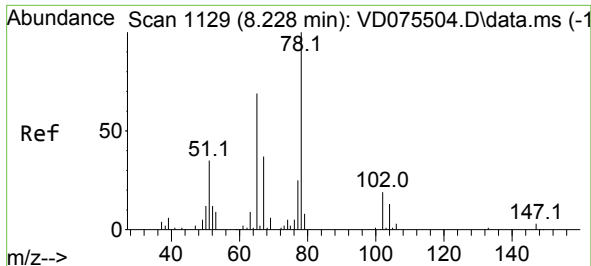
Tgt Ion: 56 Resp: 48813
Ion Ratio Lower Upper
56 100
69 43.7 25.5 38.3#
84 121.5 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 21.724 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 97 Resp: 69415
Ion Ratio Lower Upper
97 100
99 63.9 50.5 75.7
61 39.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 56.350 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

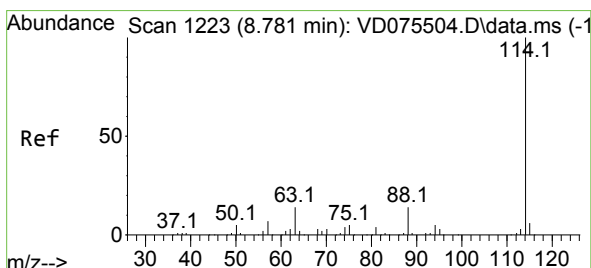
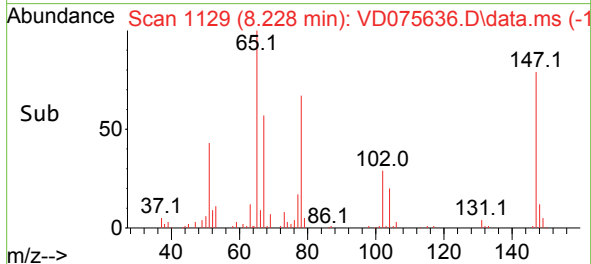
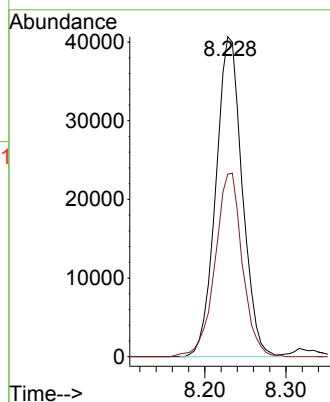
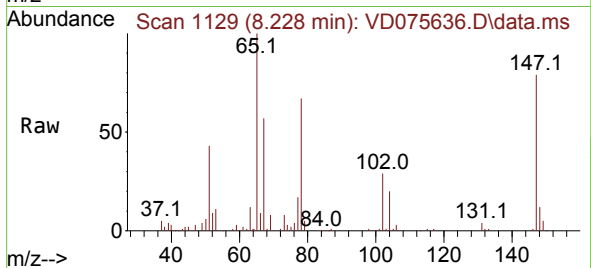
VD0412SBSD01

Tgt Ion: 65 Resp: 92061

Ion Ratio Lower Upper

65 100

67 59.2 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: VD075636.D

Acq: 12 Apr 2023 13:21

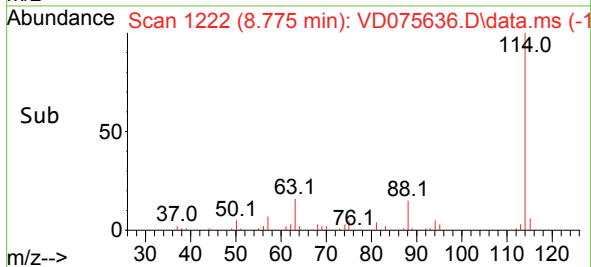
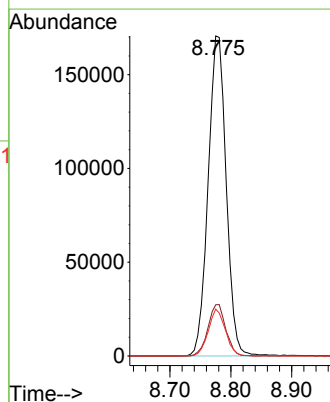
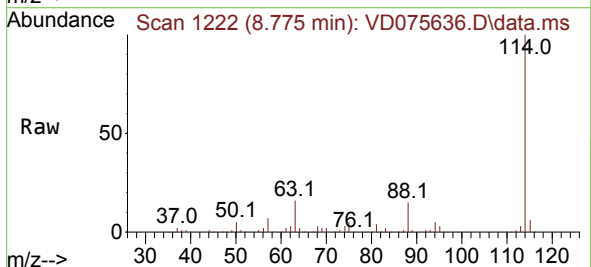
Tgt Ion: 114 Resp: 351542

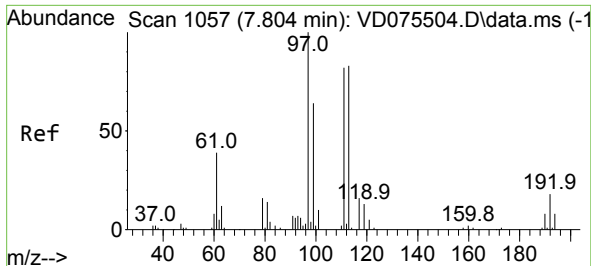
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.296 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

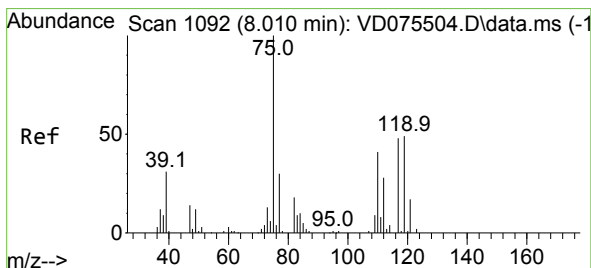
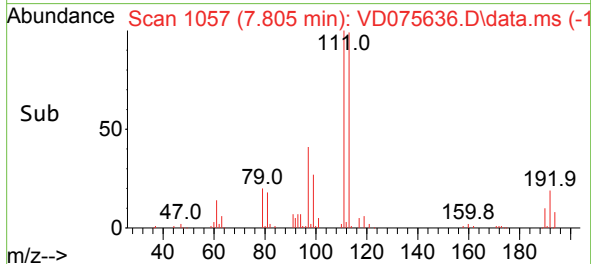
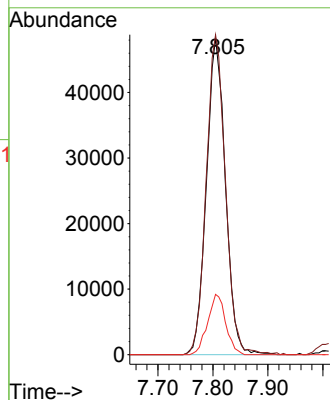
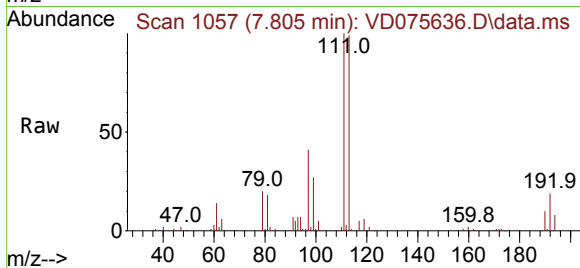
Tgt Ion:113 Resp: 115984

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 18.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 21.431 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

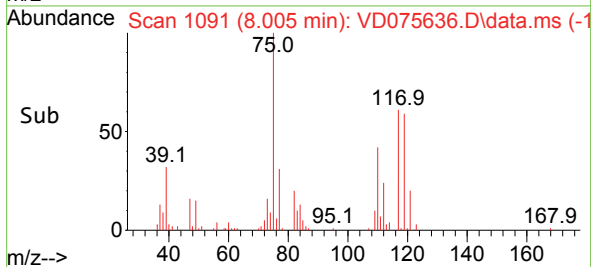
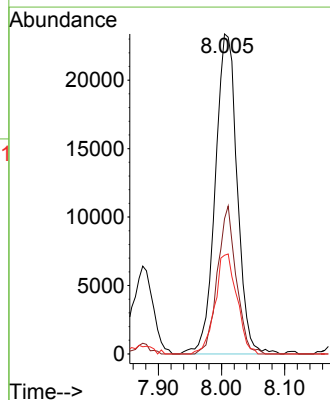
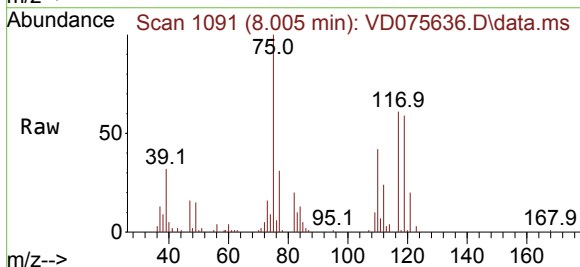
Tgt Ion: 75 Resp: 56389

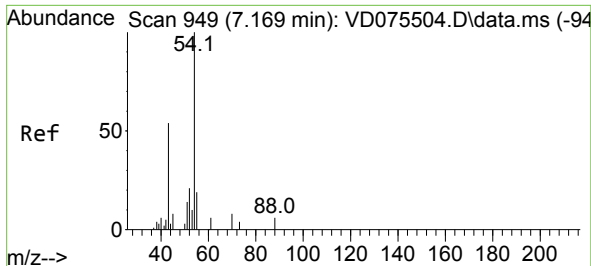
Ion Ratio Lower Upper

75 100

110 39.6 17.1 51.2

77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 22.548 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

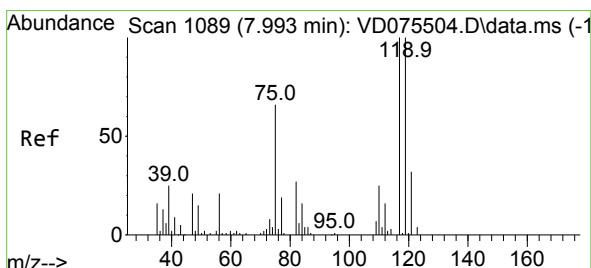
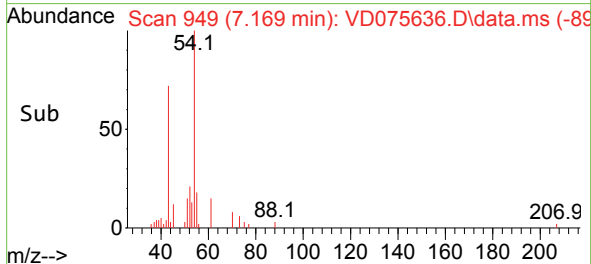
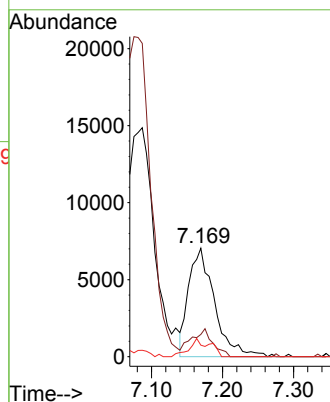
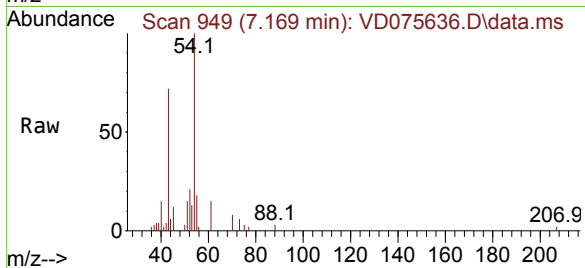
Tgt Ion: 43 Resp: 17837

Ion Ratio Lower Upper

43 100

61 21.7 0.0 0.0#

70 8.8 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 21.283 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

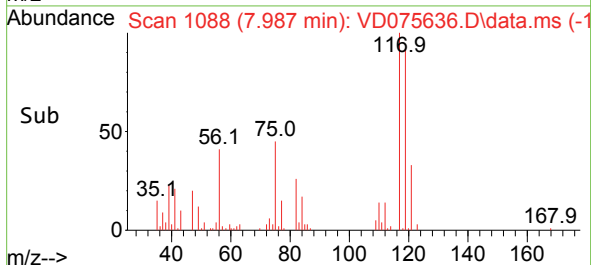
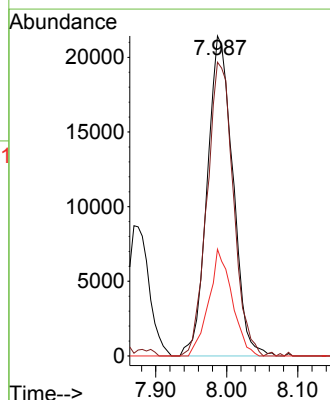
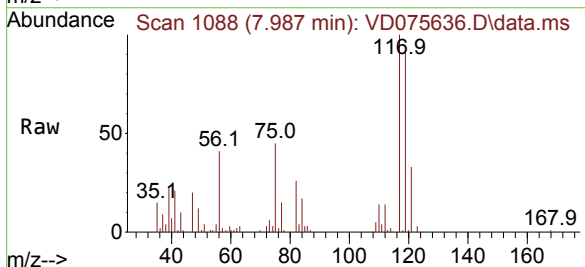
Tgt Ion: 117 Resp: 53702

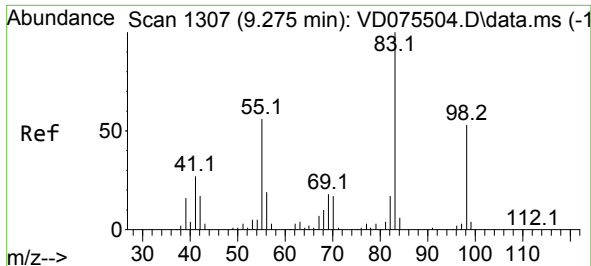
Ion Ratio Lower Upper

117 100

119 91.8 74.7 112.1

121 33.4 25.9 38.9





#39

Methylcyclohexane

Concen: 19.137 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

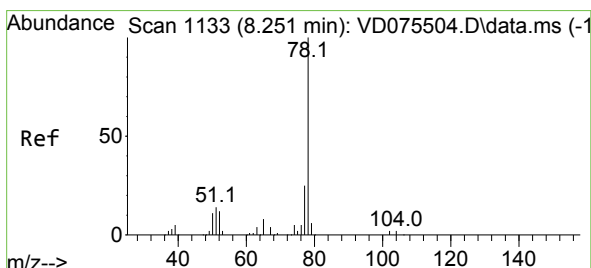
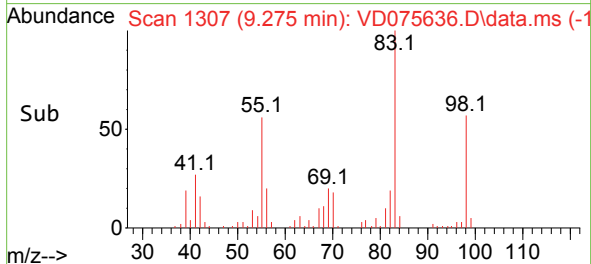
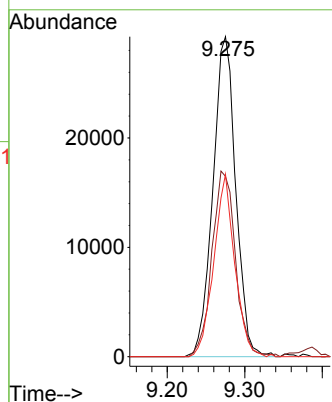
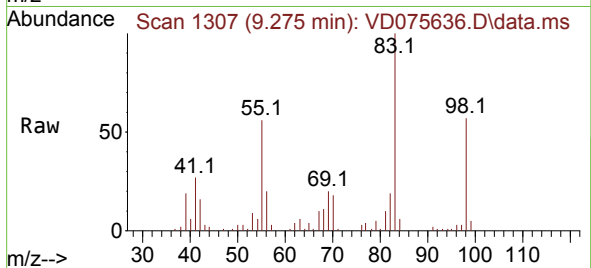
Tgt Ion: 83 Resp: 59959

Ion Ratio Lower Upper

83 100

55 56.3 56.8 85.2#

98 57.0 38.9 58.3



#40

Benzene

Concen: 21.697 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075636.D

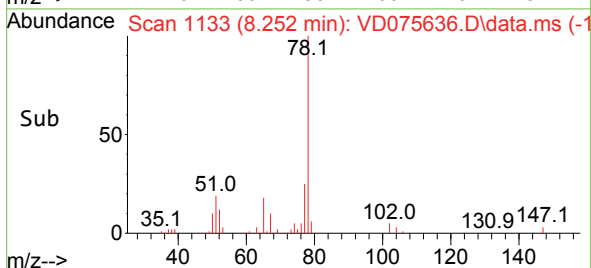
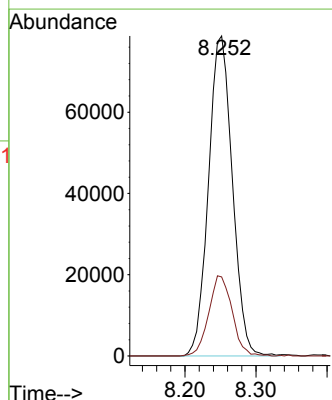
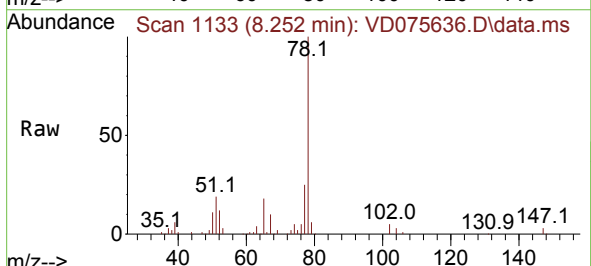
Acq: 12 Apr 2023 13:21

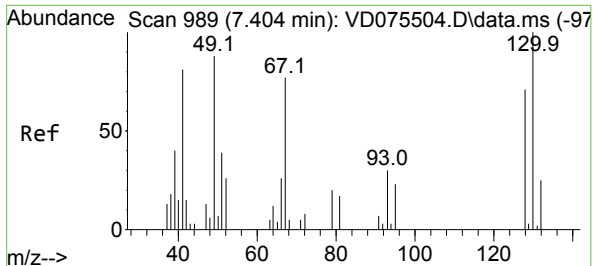
Tgt Ion: 78 Resp: 183956

Ion Ratio Lower Upper

78 100

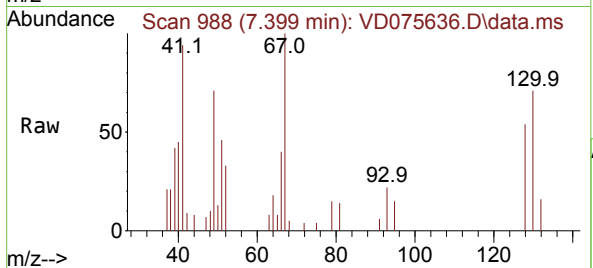
77 24.7 19.1 28.7



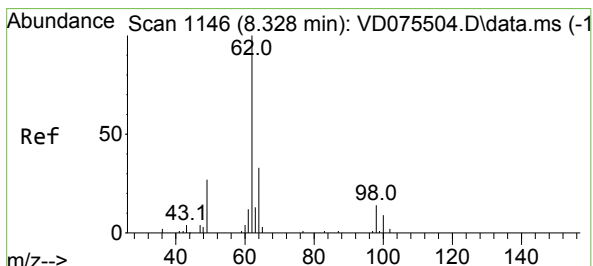
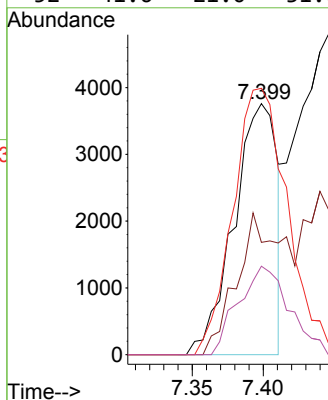
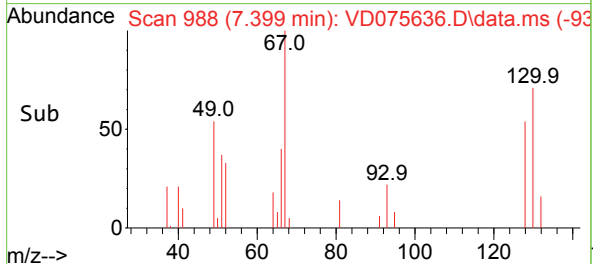


#41
Methacrylonitrile
Concen: 17.837 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

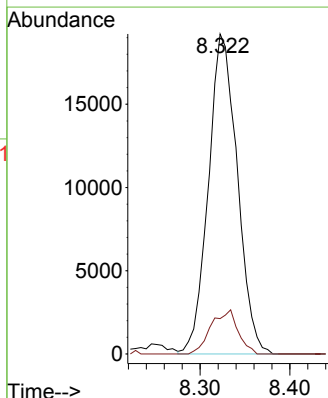
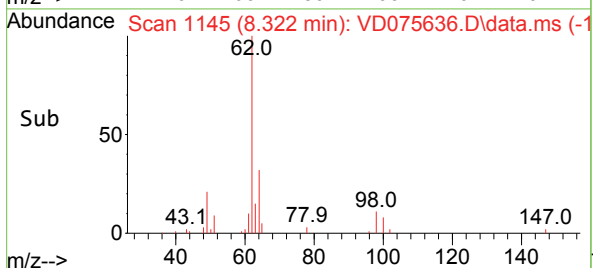
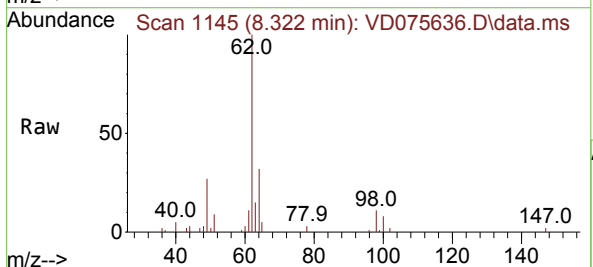


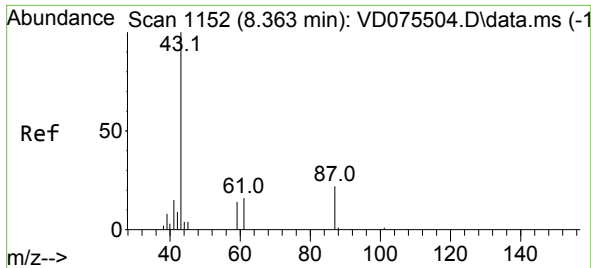
Tgt Ion: 41	Resp: 7942
Ion Ratio	Lower Upper
41 100	
39 63.4	45.3 67.9
67 133.5	50.5 75.7#
52 41.6	21.0 31.6#



#42
1,2-Dichloroethane
Concen: 21.800 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 62	Resp: 42945
Ion Ratio	Lower Upper
62 100	
98 12.8	0.0 18.8

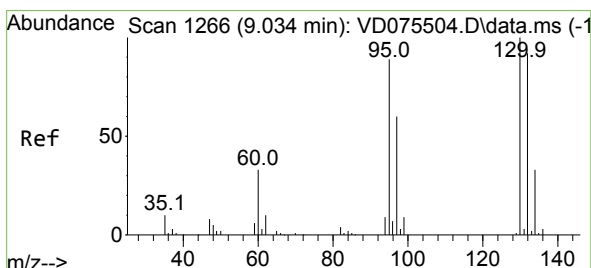
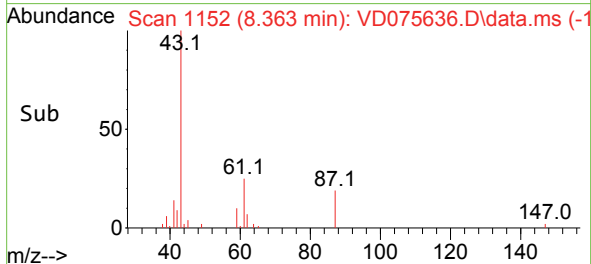
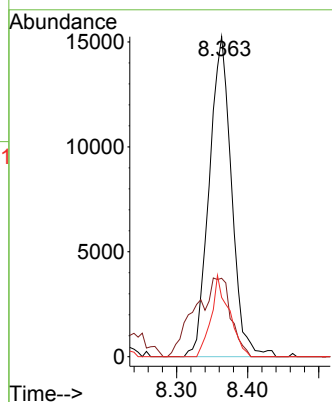
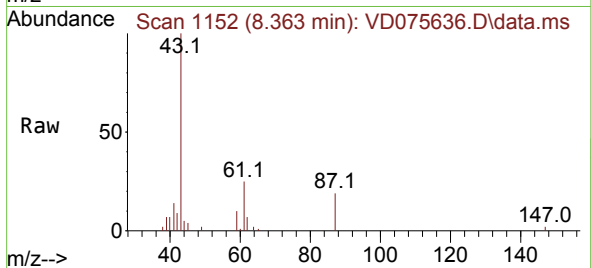




#43
Isopropyl Acetate
Concen: 22.002 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

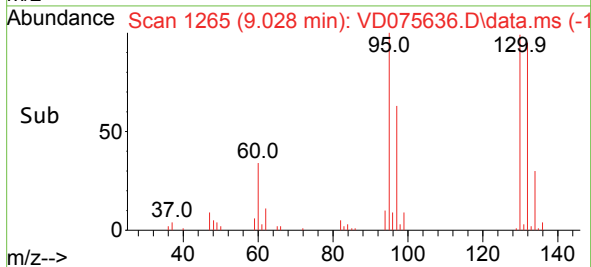
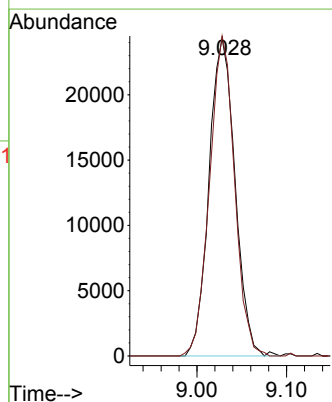
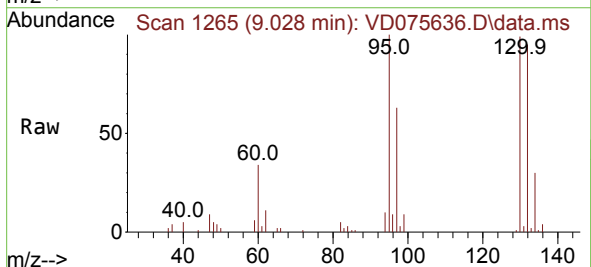
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

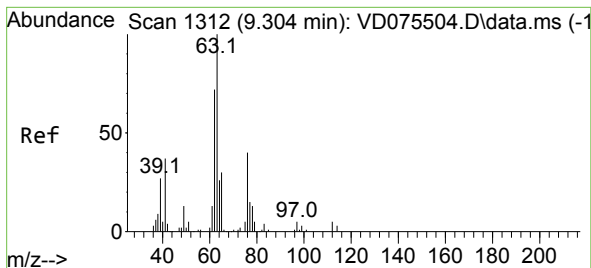
Tgt Ion: 43 Resp: 33226
Ion Ratio Lower Upper
43 100
61 39.5 23.4 35.0#
87 20.6 9.5 14.3#



#44
Trichloroethene
Concen: 19.719 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:130 Resp: 48971
Ion Ratio Lower Upper
130 100
95 100.8 0.0 197.6





#45

1,2-Dichloropropane

Concen: 21.073 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

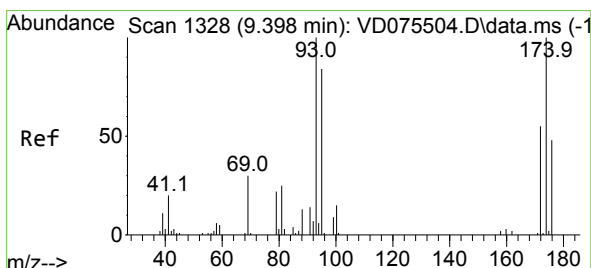
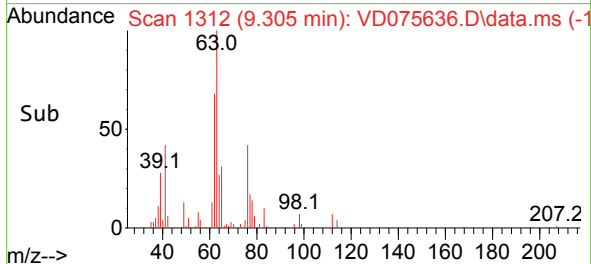
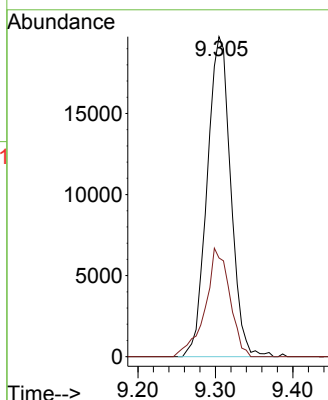
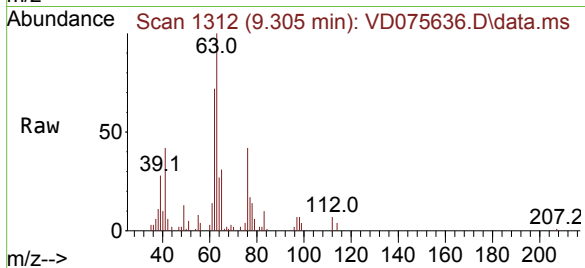
VD0412SBS01

Tgt Ion: 63 Resp: 41679

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.4



#46

Dibromomethane

Concen: 20.922 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

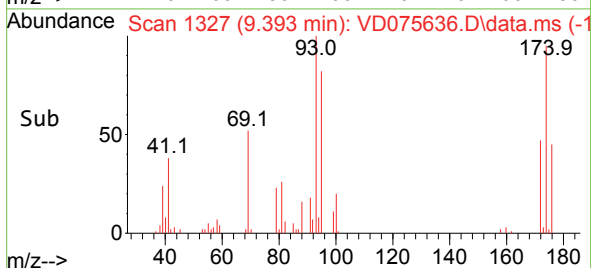
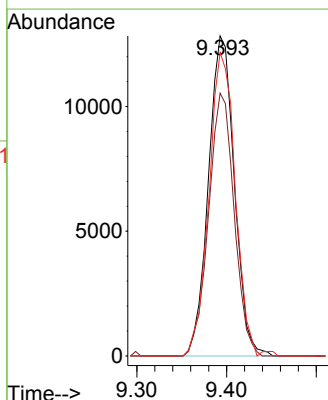
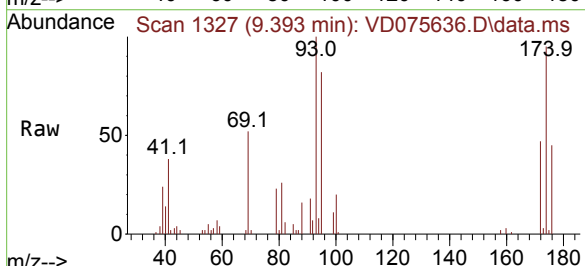
Tgt Ion: 93 Resp: 25692

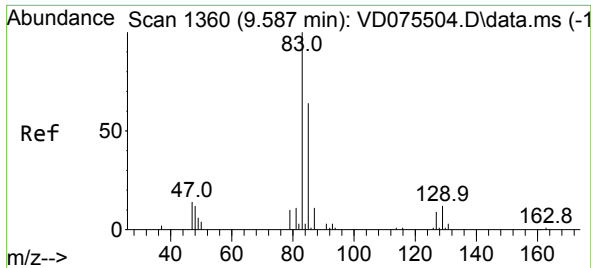
Ion Ratio Lower Upper

93 100

95 81.2 64.5 96.7

174 95.7 76.2 114.4

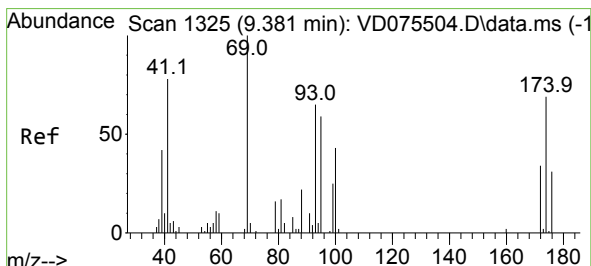
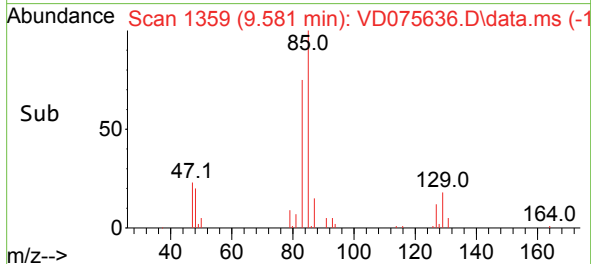
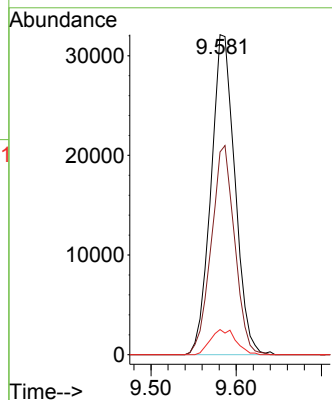
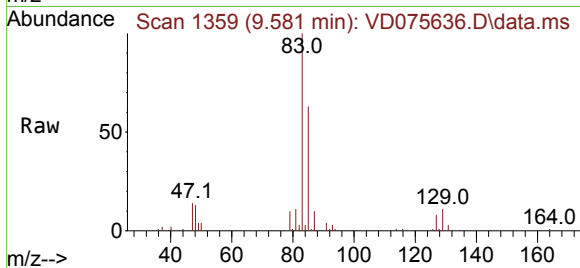




#47
Bromodichloromethane
Concen: 21.138 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

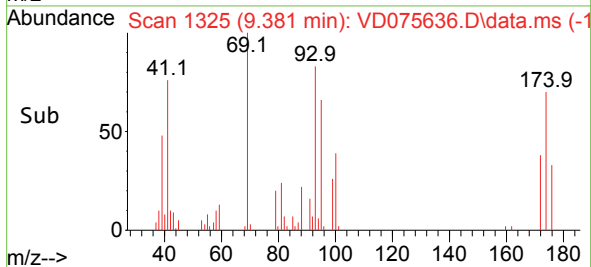
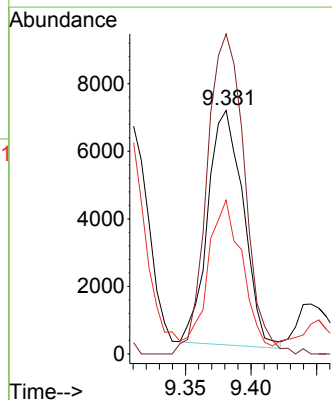
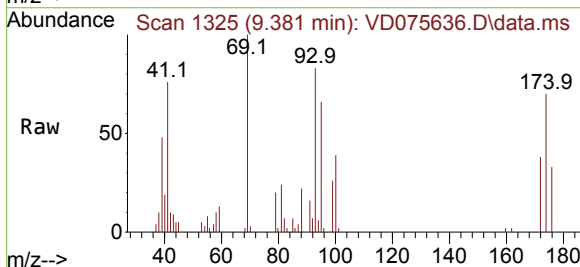
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

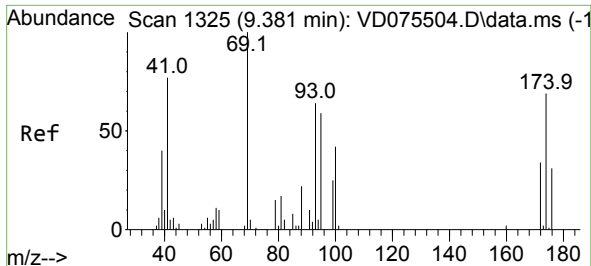
Tgt Ion: 83 Resp: 62772
Ion Ratio Lower Upper
83 100
85 63.4 53.7 80.5
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 19.143 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 41 Resp: 13101
Ion Ratio Lower Upper
41 100
69 144.0 58.6 88.0#
39 58.1 53.4 80.0

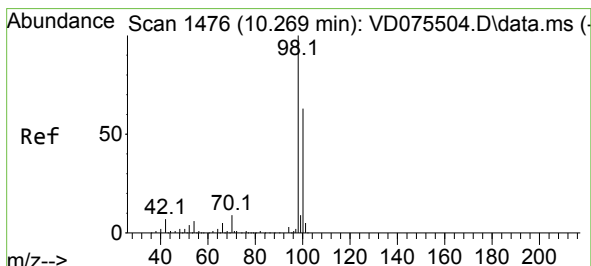
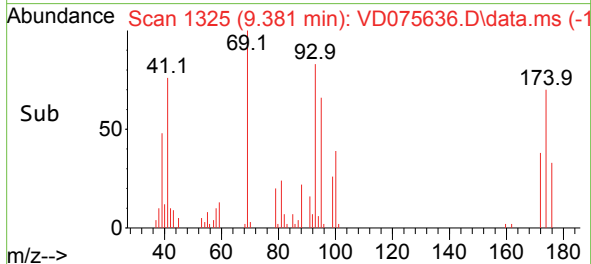
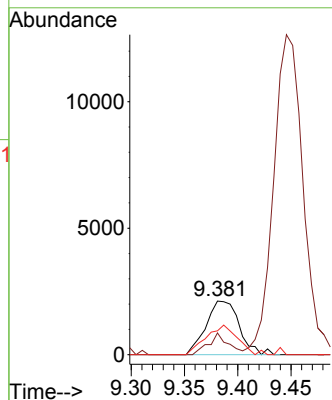
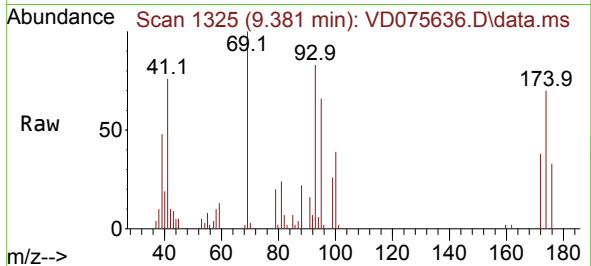




#49
1,4-Dioxane
Concen: 411.523 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

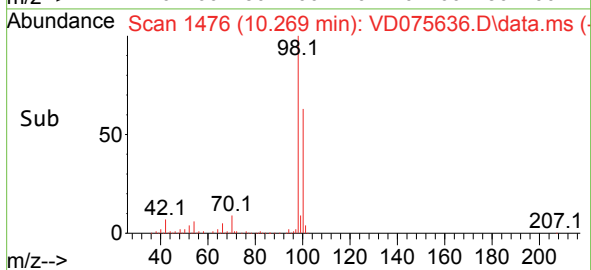
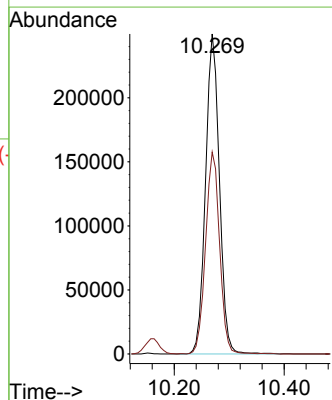
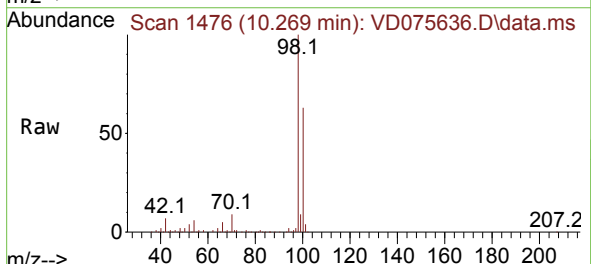
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

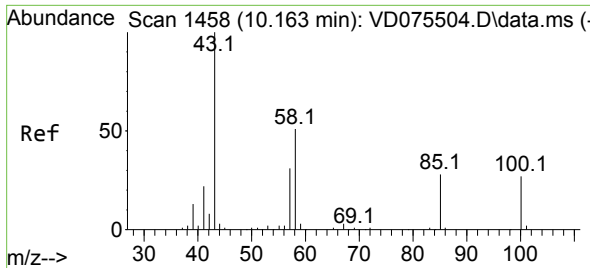
Tgt Ion: 88 Resp: 4581
Ion Ratio Lower Upper
88 100
43 24.3 34.6 51.8#
58 52.7 58.0 87.0#



#50
Toluene-d8
Concen: 54.029 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 98 Resp: 436611
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

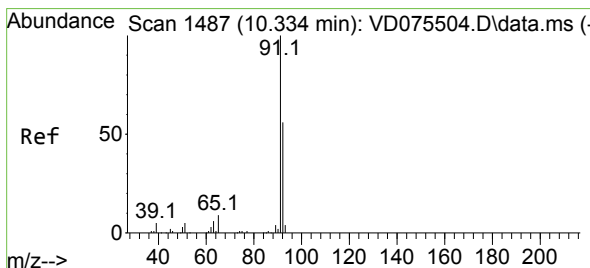
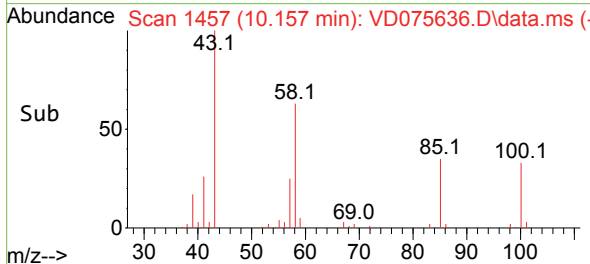
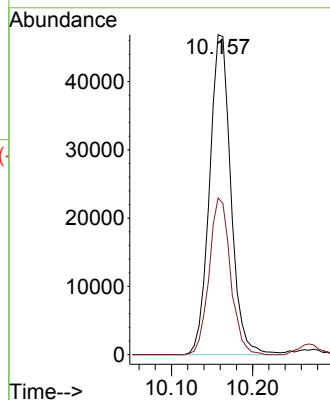
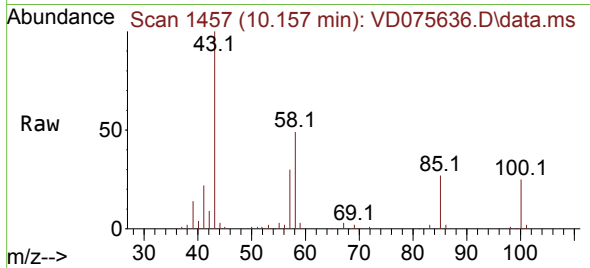




#51
4-Methyl-2-Pentanone
Concen: 105.433 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

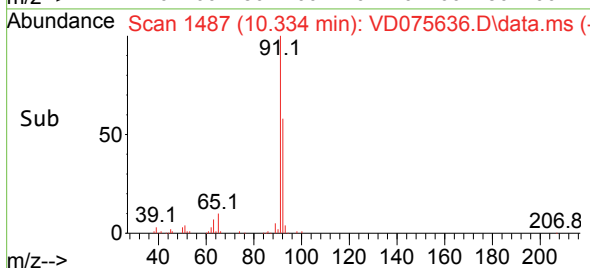
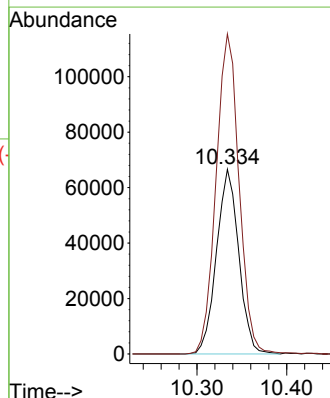
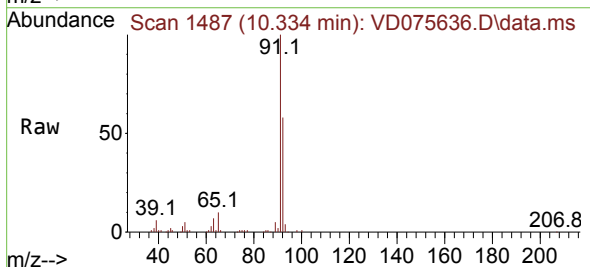
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

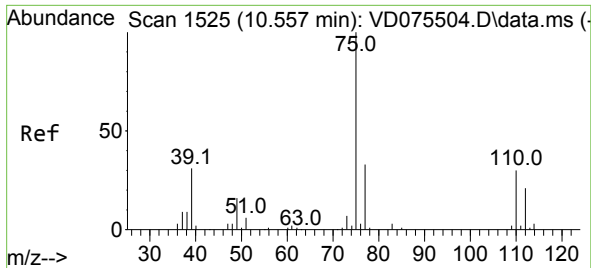
Tgt Ion: 43 Resp: 85710
Ion Ratio Lower Upper
43 100
58 48.9 29.5 44.3#



#52
Toluene
Concen: 20.041 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 92 Resp: 114761
Ion Ratio Lower Upper
92 100
91 179.0 136.5 204.7

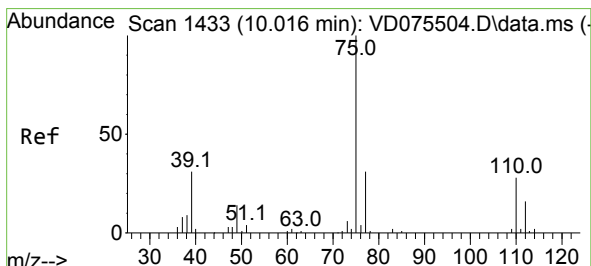
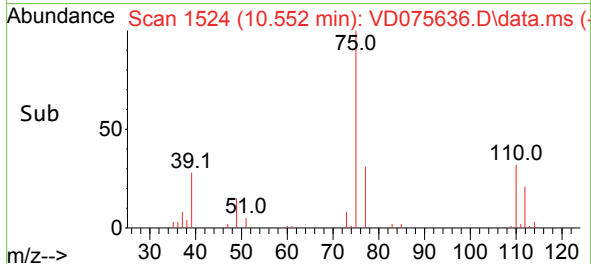
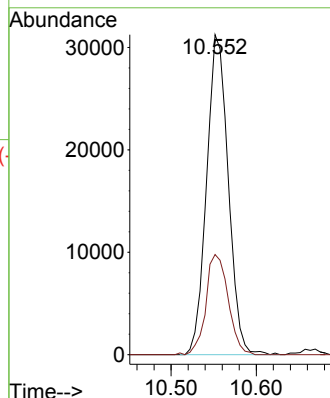
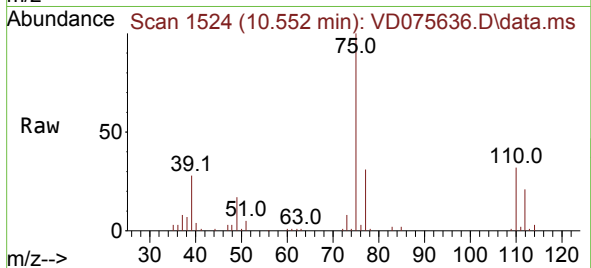




#53
t-1,3-Dichloropropene
Concen: 20.519 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

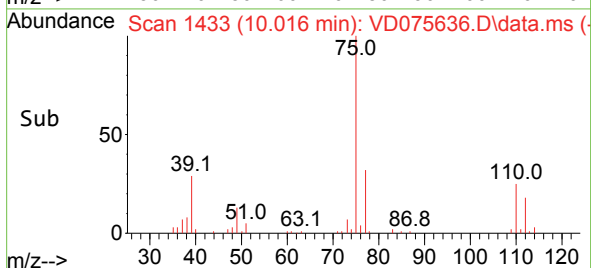
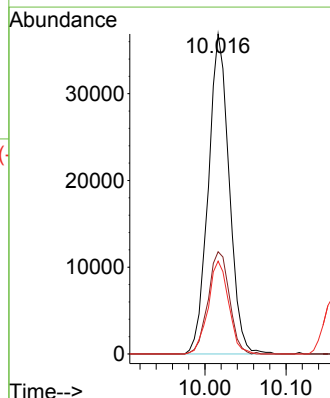
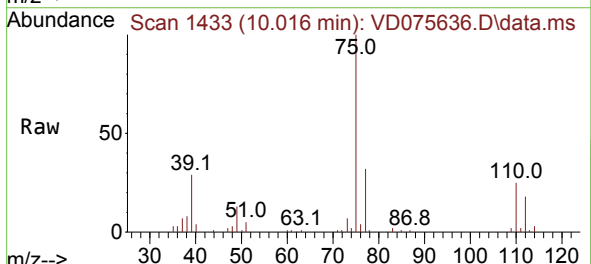
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

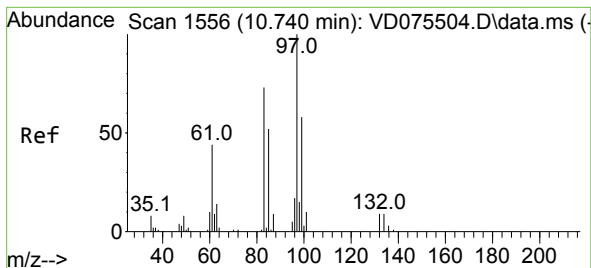
Tgt Ion: 75 Resp: 55232
Ion Ratio Lower Upper
75 100
77 31.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 20.116 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 75 Resp: 65837
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 29.0 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 20.908 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

Tgt Ion: 97 Resp: 37863

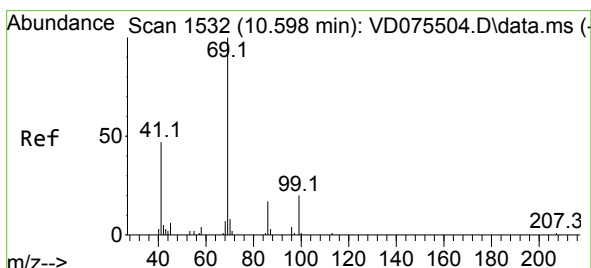
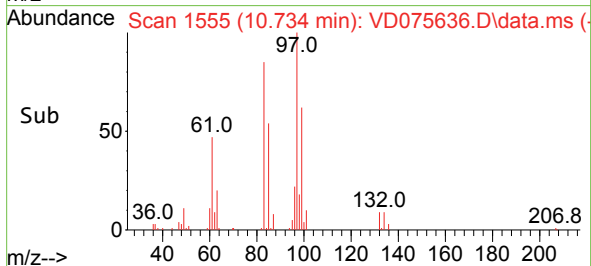
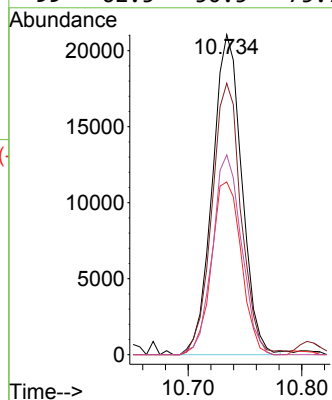
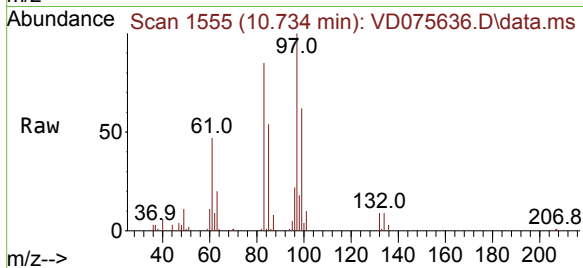
Ion Ratio Lower Upper

97 100

83 84.8 74.2 111.4

85 54.0 45.4 68.0

99 62.5 50.5 75.7



#56

Ethyl methacrylate

Concen: 19.905 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

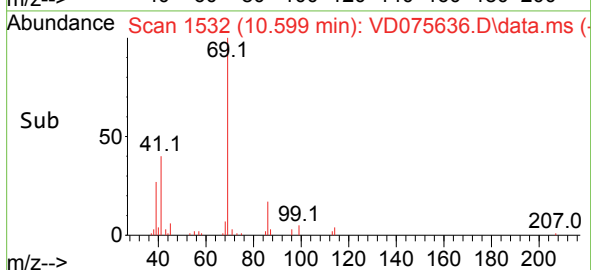
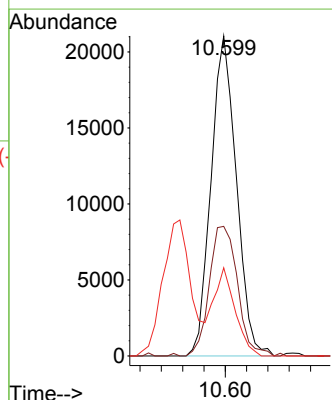
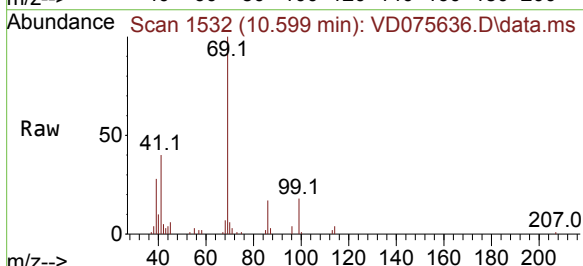
Tgt Ion: 69 Resp: 34743

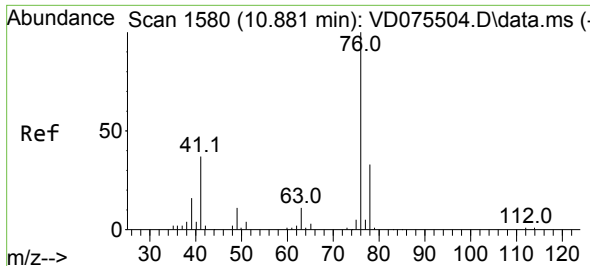
Ion Ratio Lower Upper

69 100

41 45.2 59.3 88.9#

39 23.4 36.0 54.0#

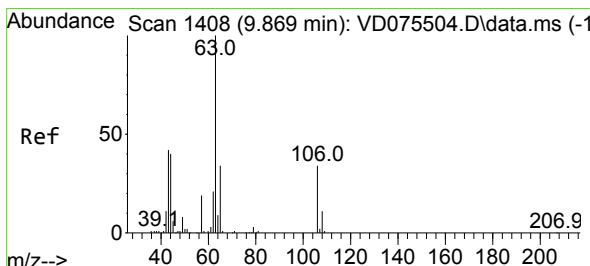
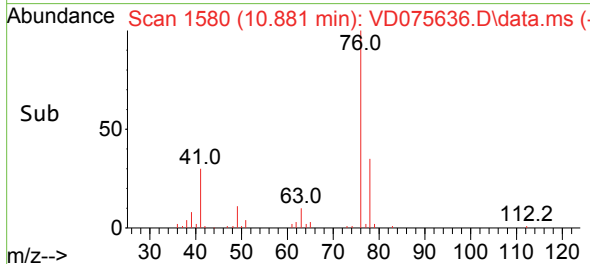
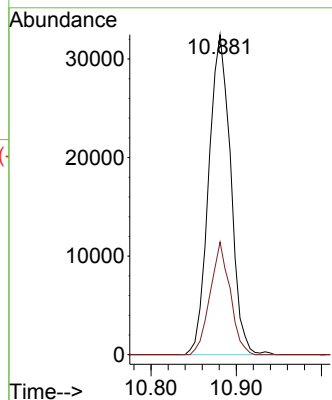
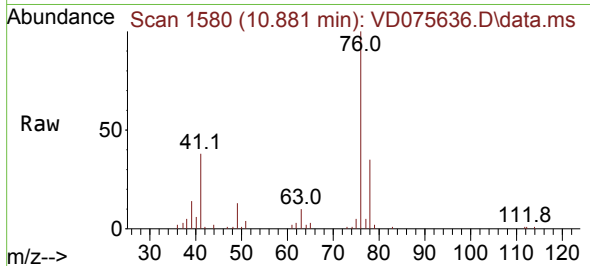




#57
1,3-Dichloropropane
Concen: 21.249 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

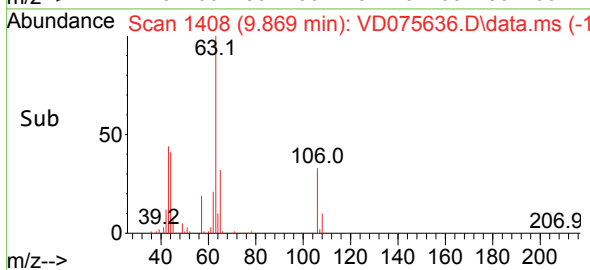
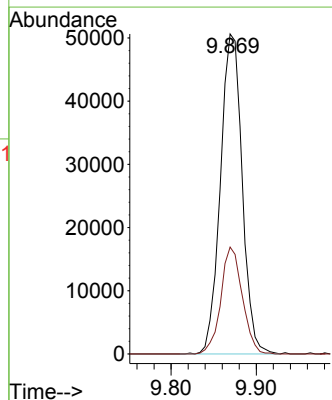
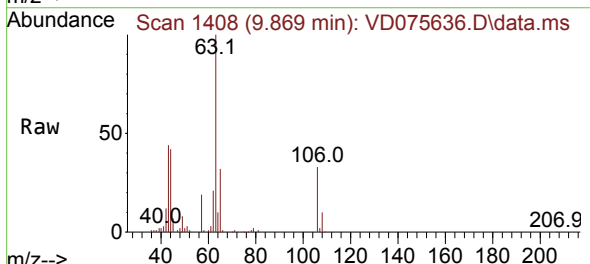
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

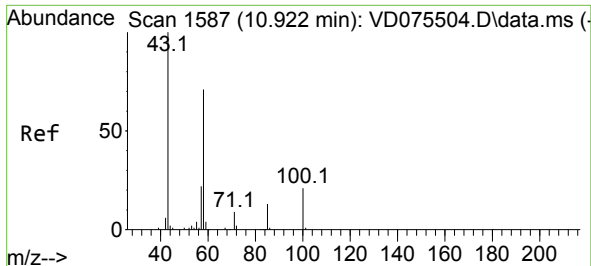
Tgt Ion: 76 Resp: 57940
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 106.714 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 63 Resp: 90058
Ion Ratio Lower Upper
63 100
106 32.9 21.4 32.2#

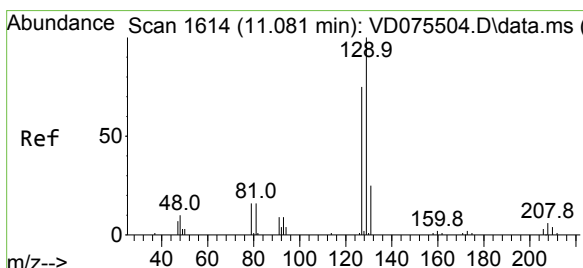
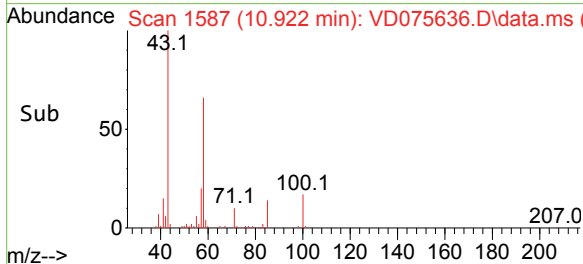
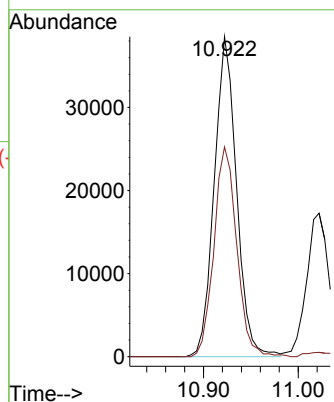
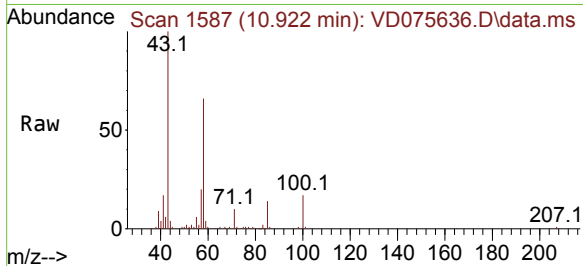




#59
2-Hexanone
Concen: 109.839 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

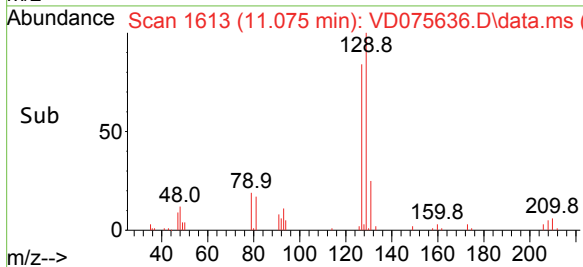
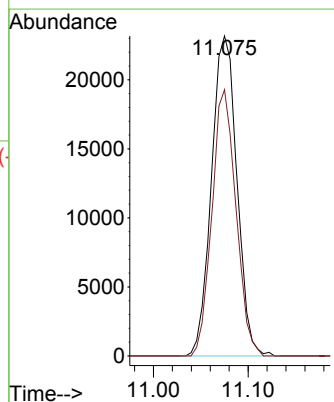
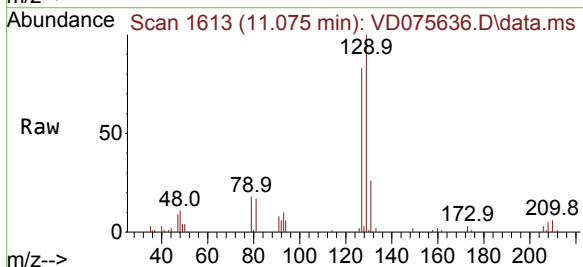
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

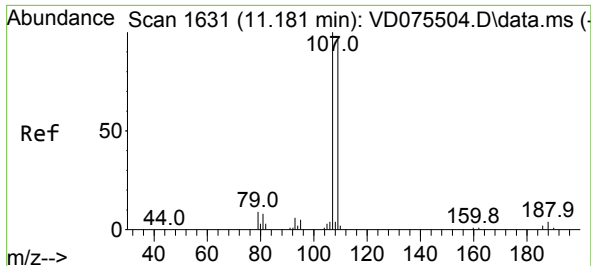
Tgt Ion: 43 Resp: 62905
Ion Ratio Lower Upper
43 100
58 67.1 25.3 75.8



#60
Dibromochloromethane
Concen: 19.990 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 129 Resp: 43221
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5

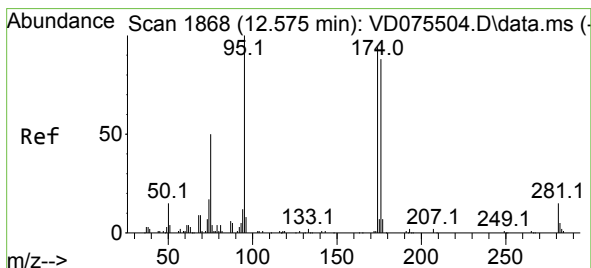
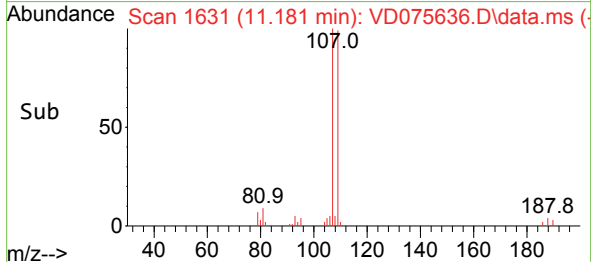
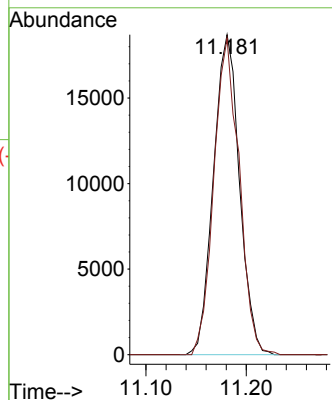
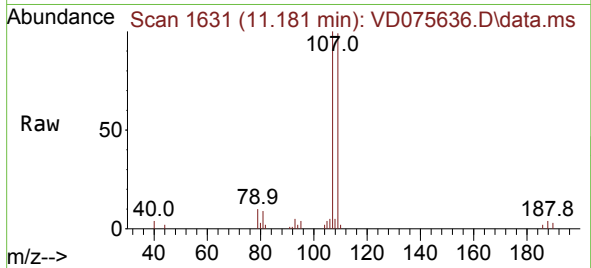




#61
1,2-Dibromoethane
Concen: 19.482 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

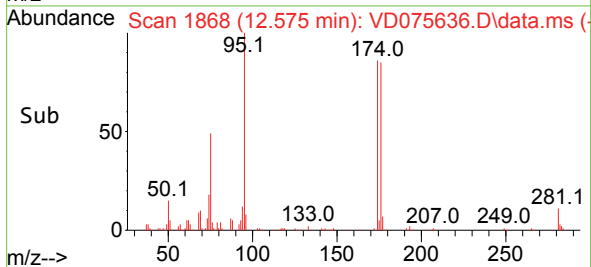
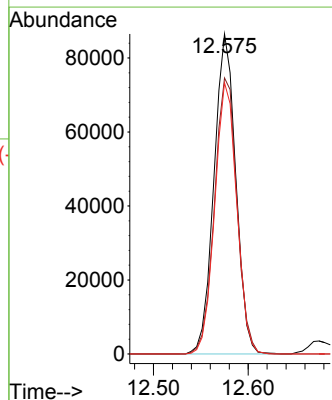
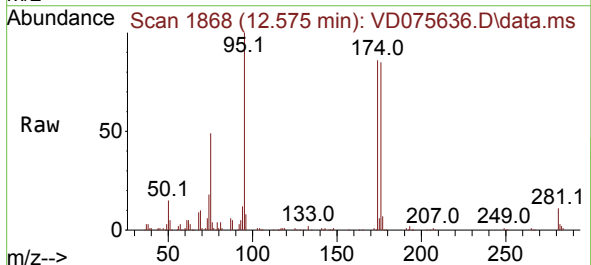
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

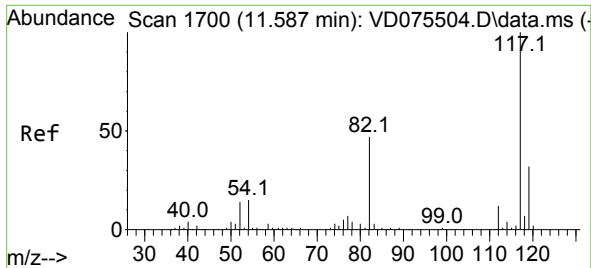
Tgt Ion:107 Resp: 33720
Ion Ratio Lower Upper
107 100
109 96.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 58.163 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 95 Resp: 138275
Ion Ratio Lower Upper
95 100
174 88.9 0.0 164.0
176 85.4 0.0 156.8



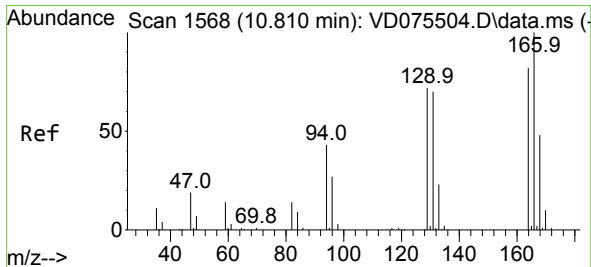
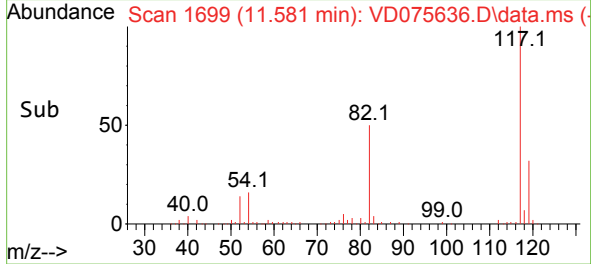
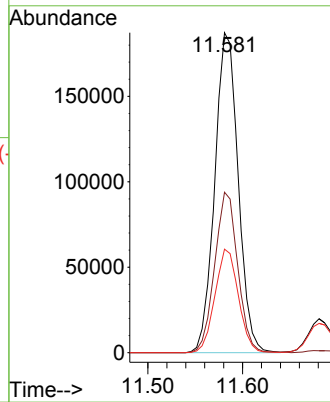
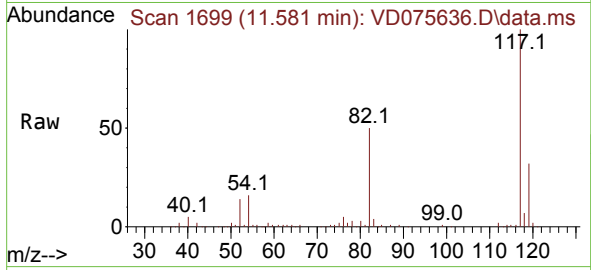


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Tgt Ion:117 Resp: 321966

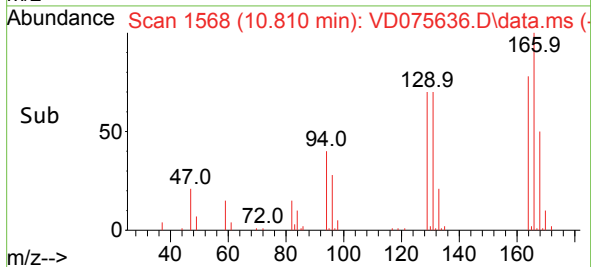
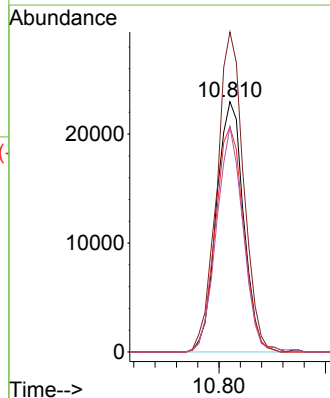
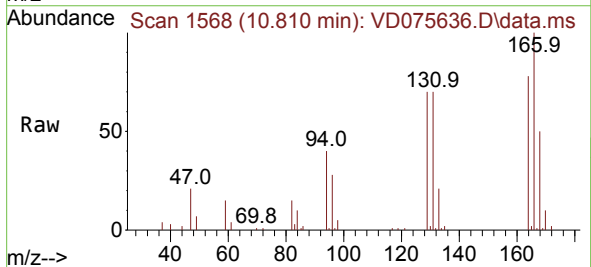
Ion	Ratio	Lower	Upper
117	100		
82	50.2	44.0	66.0
119	32.4	25.1	37.7

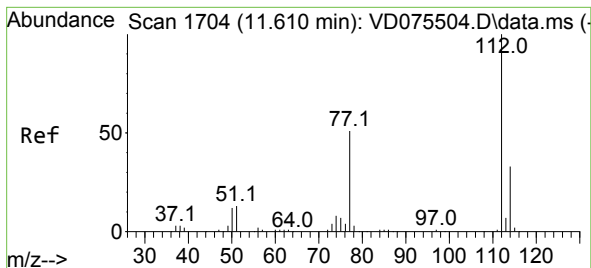


#64
Tetrachloroethene
Concen: 21.038 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:164 Resp: 40740

Ion	Ratio	Lower	Upper
164	100		
166	127.9	94.9	142.3
129	90.0	73.0	109.6
131	90.0	69.2	103.8

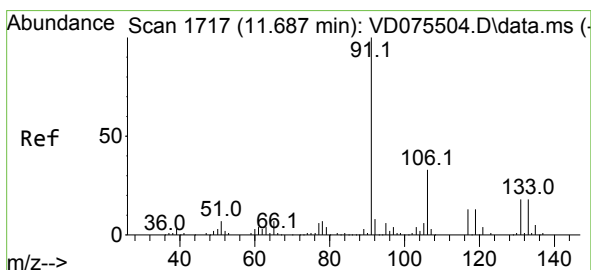
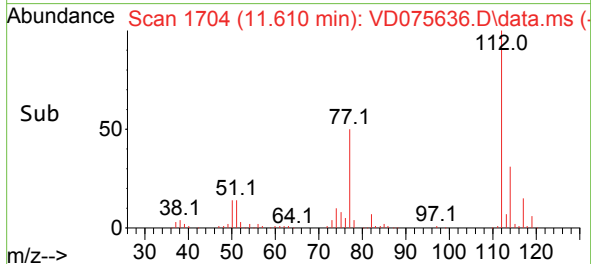
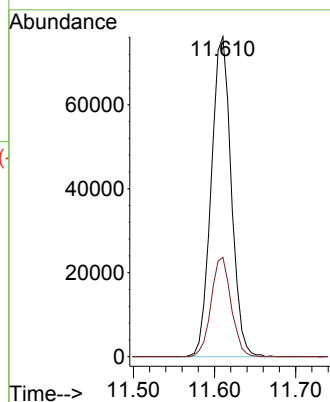
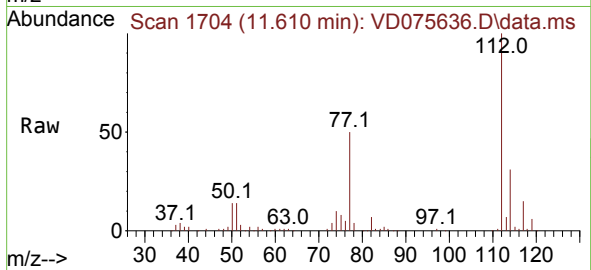




#65
Chlorobenzene
Concen: 20.906 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

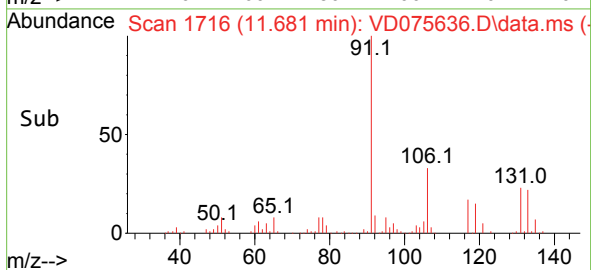
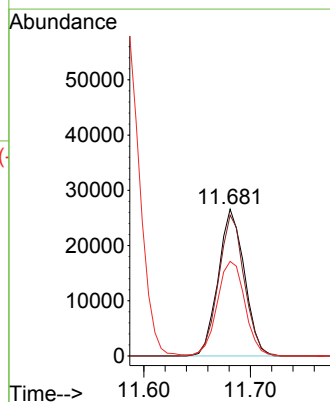
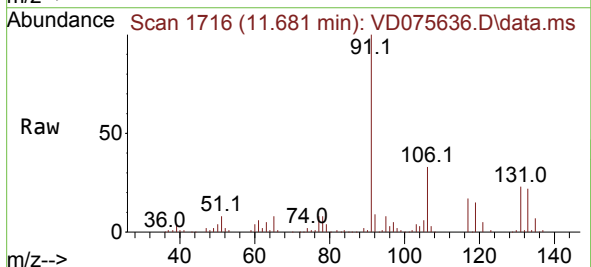
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

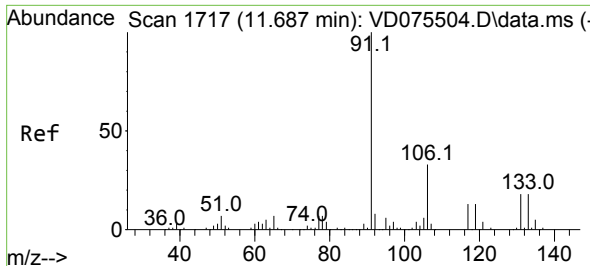
Tgt Ion:112 Resp: 130655
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.493 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:131 Resp: 45291
Ion Ratio Lower Upper
131 100
133 94.6 46.7 140.0
119 68.4 31.9 95.9

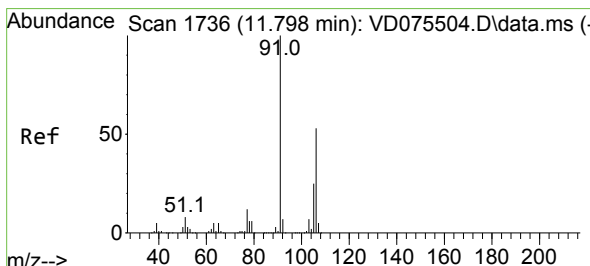
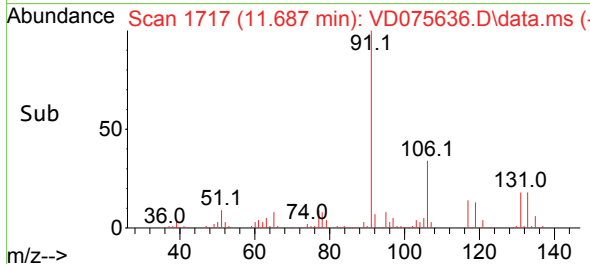
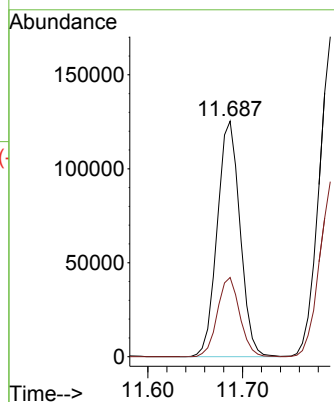
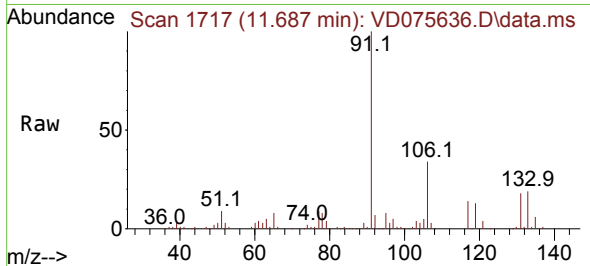




#67
Ethyl Benzene
Concen: 20.341 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

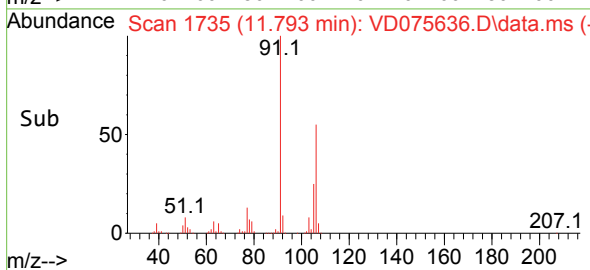
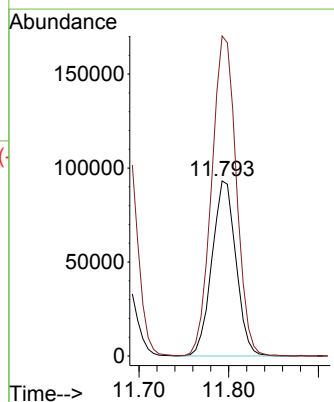
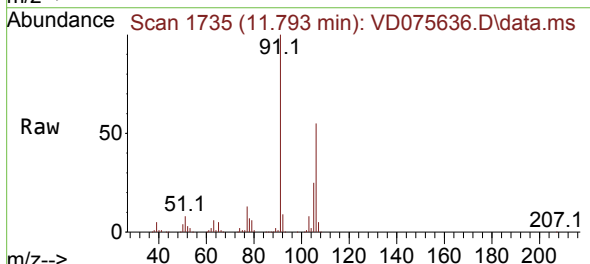
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

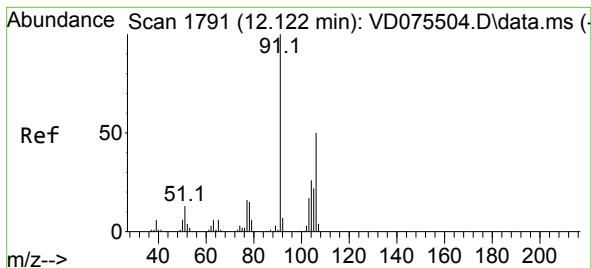
Tgt Ion: 91 Resp: 209744
Ion Ratio Lower Upper
91 100
106 33.7 24.5 36.7



#68
m/p-Xylenes
Concen: 40.682 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 106 Resp: 172780
Ion Ratio Lower Upper
106 100
91 188.1 161.5 242.3





#69

o-Xylene

Concen: 20.137 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

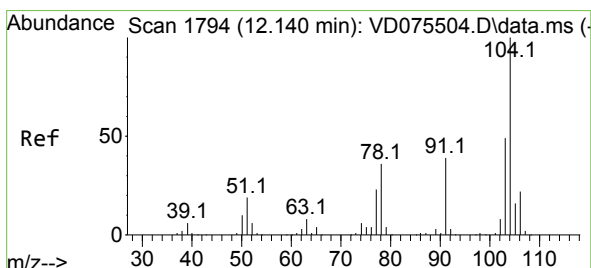
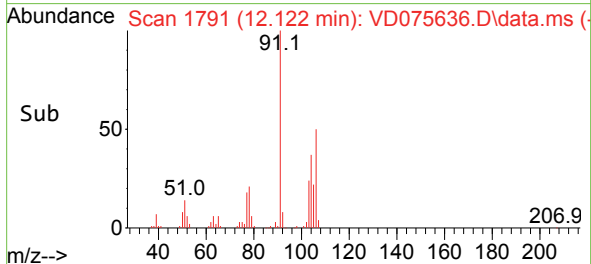
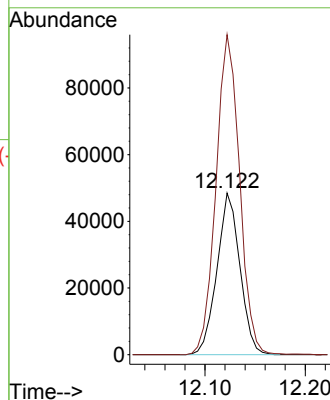
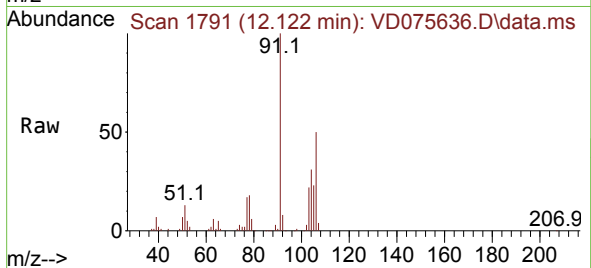
VD0412SBSD01

Tgt Ion:106 Resp: 76994

Ion Ratio Lower Upper

106 100

91 203.8 105.7 317.1



#70

Styrene

Concen: 20.660 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

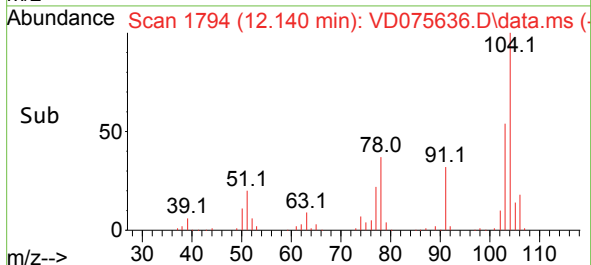
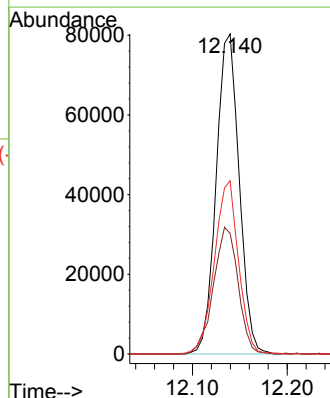
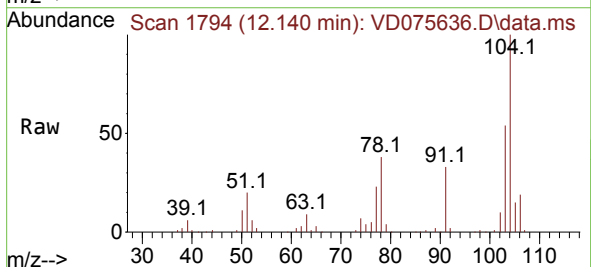
Tgt Ion:104 Resp: 135467

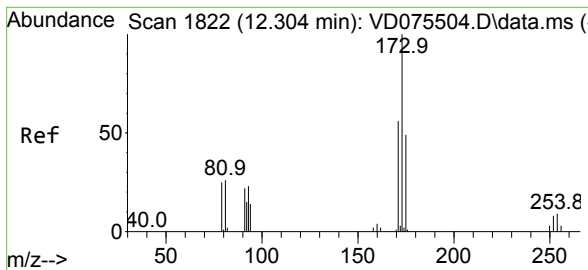
Ion Ratio Lower Upper

104 100

78 42.5 40.2 60.4

103 56.8 44.2 66.2





#71

Bromoform

Concen: 21.468 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

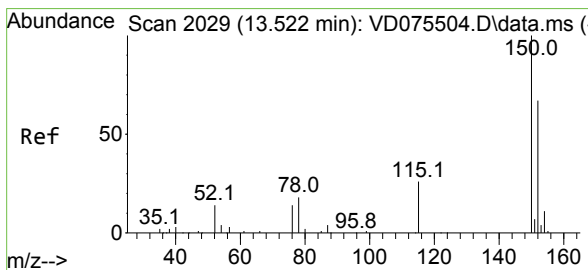
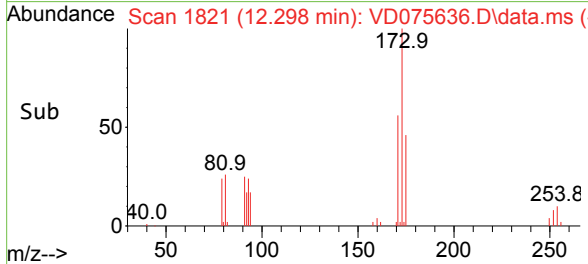
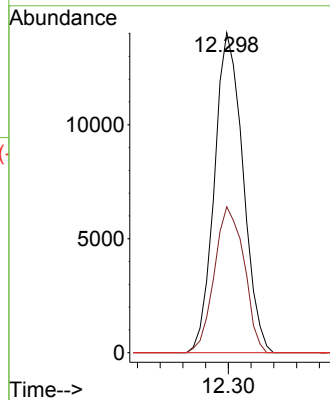
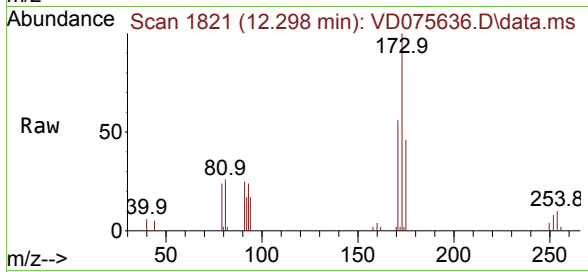
Tgt Ion:173 Resp: 24523

Ion Ratio Lower Upper

173 100

175 47.4 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: VD075636.D

Acq: 12 Apr 2023 13:21

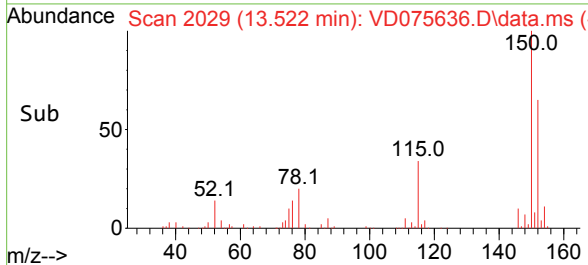
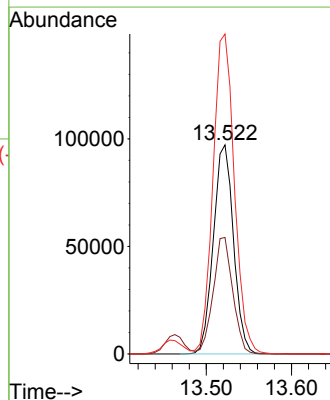
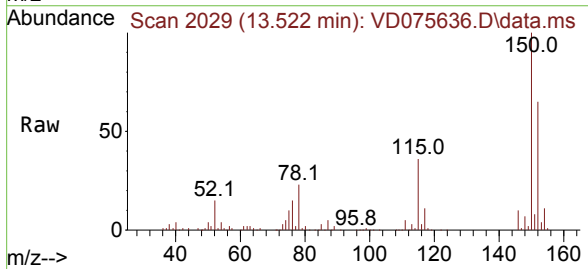
Tgt Ion:152 Resp: 160191

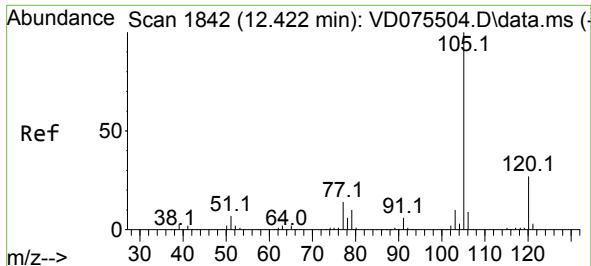
Ion Ratio Lower Upper

152 100

115 54.1 30.1 90.3

150 162.4 0.0 364.8

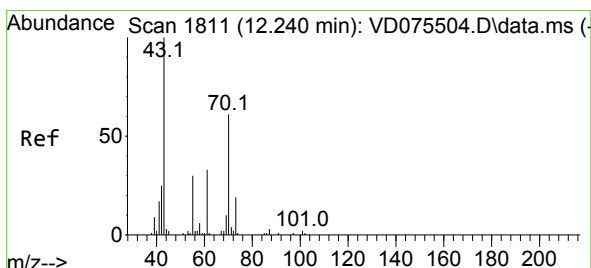
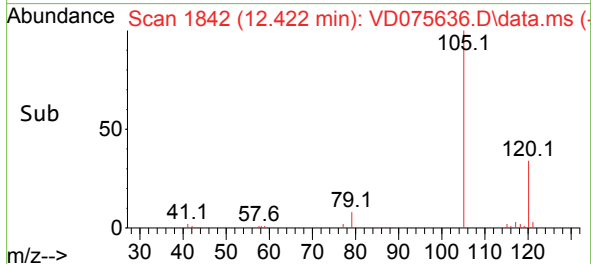
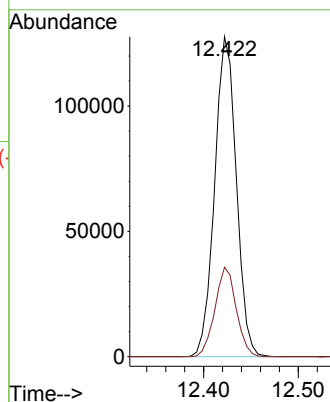
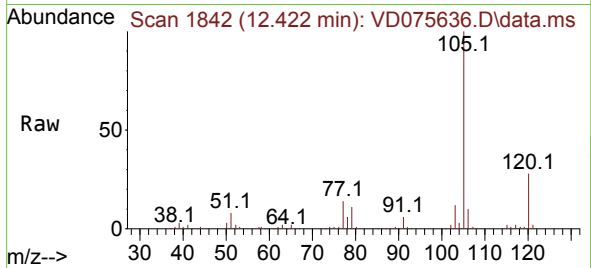




#73
Isopropylbenzene
Concen: 20.404 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

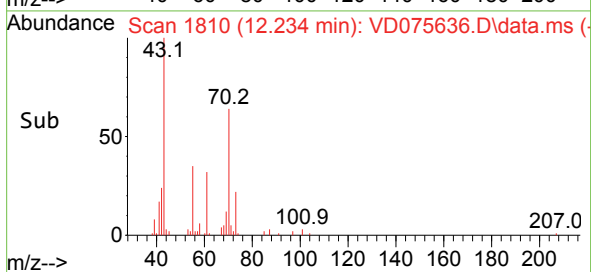
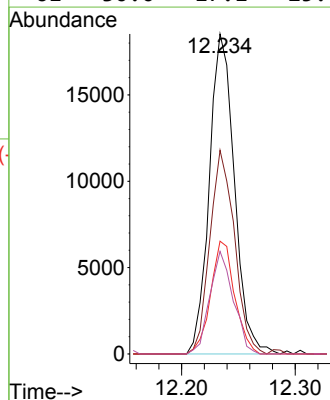
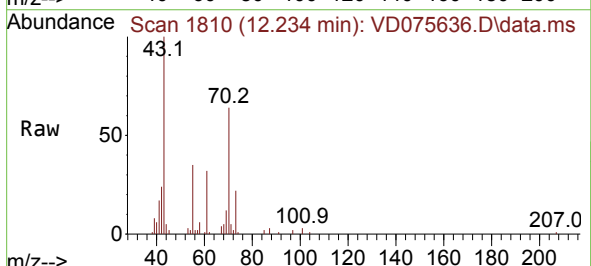
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

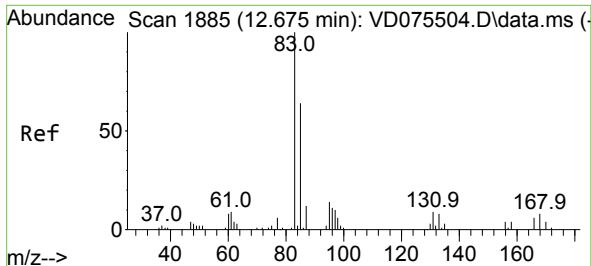
Tgt Ion:105 Resp: 202830
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 20.413 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 43 Resp: 28459
Ion Ratio Lower Upper
43 100
70 62.5 31.0 46.4#
55 33.8 18.6 28.0#
61 30.0 17.1 25.7#

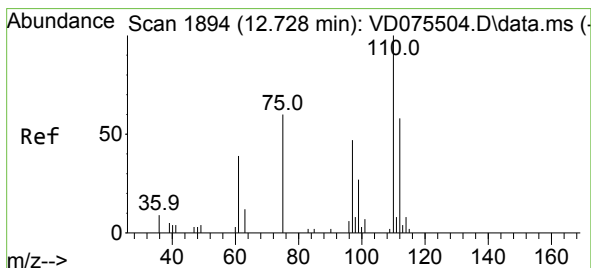
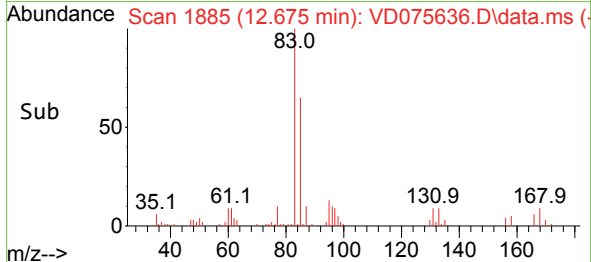
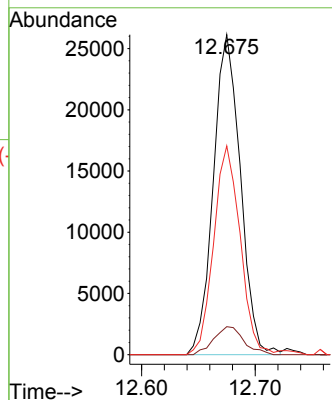
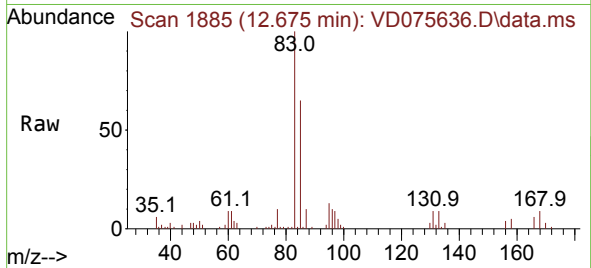




#75
1,1,2,2-Tetrachloroethane
Concen: 23.274 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

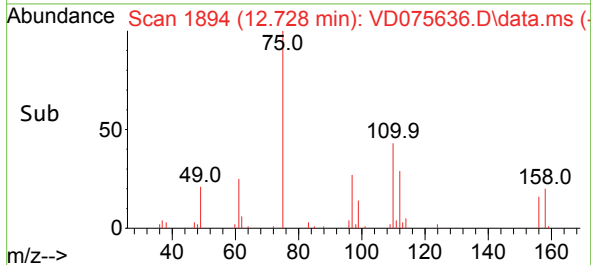
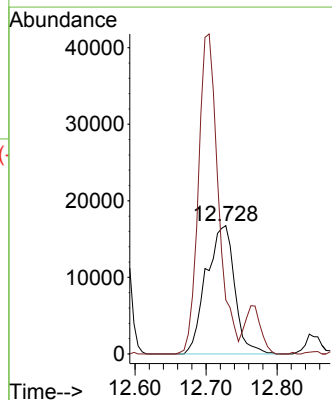
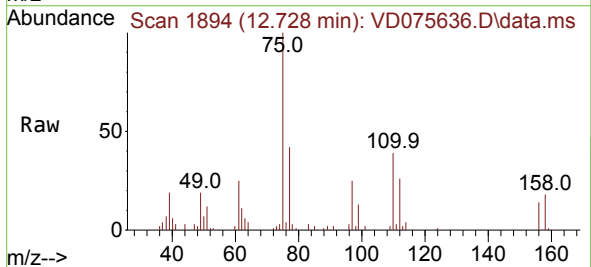
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

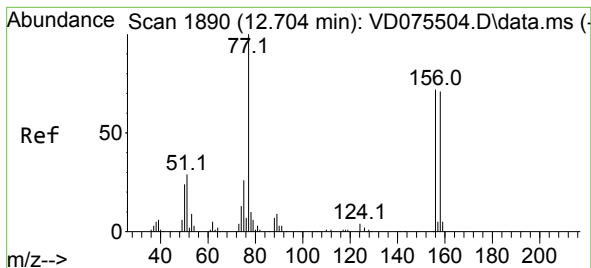
Tgt Ion: 83 Resp: 43275
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 63.7 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 44.574 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 75 Resp: 46421
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.766 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

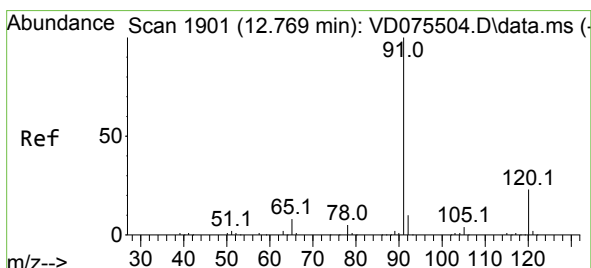
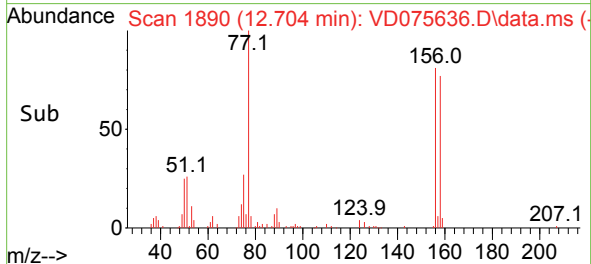
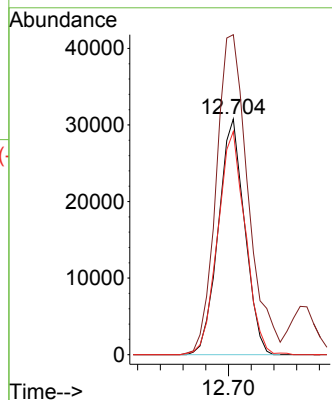
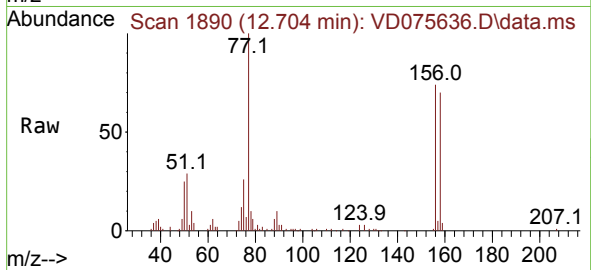
Tgt Ion:156 Resp: 49596

Ion Ratio Lower Upper

156 100

77 164.3 89.5 268.6

158 99.1 47.8 143.4



#78

n-propylbenzene

Concen: 21.699 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VD075636.D

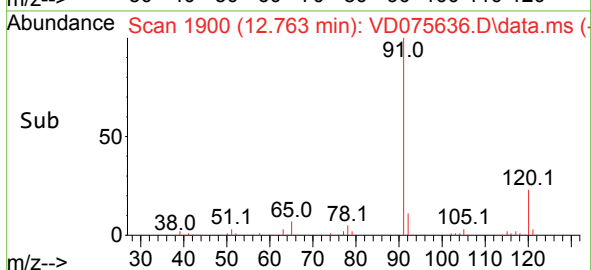
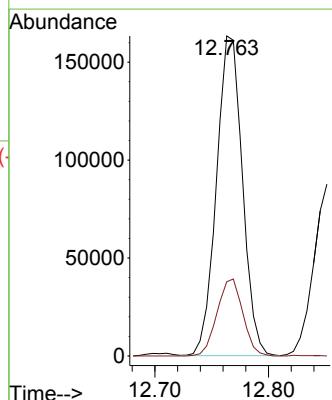
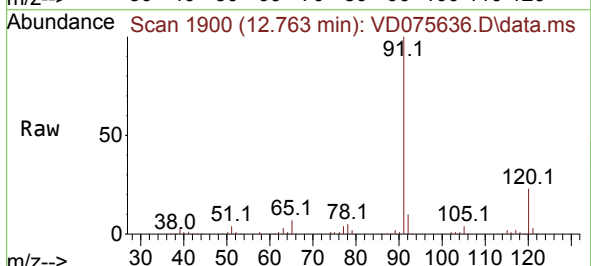
Acq: 12 Apr 2023 13:21

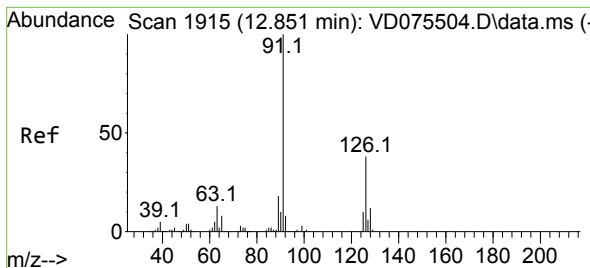
Tgt Ion: 91 Resp: 259343

Ion Ratio Lower Upper

91 100

120 23.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 21.247 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

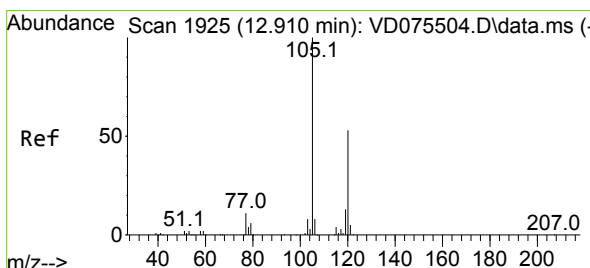
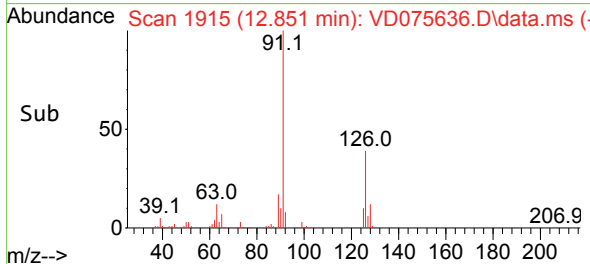
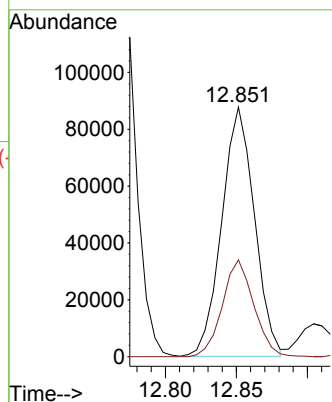
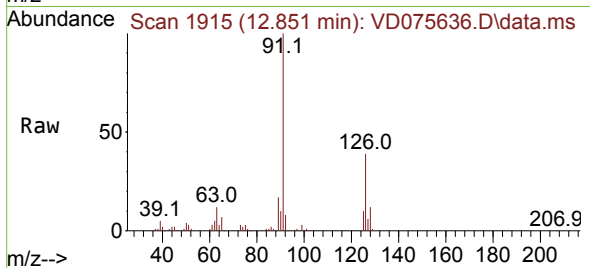
VD0412SBSD01

Tgt Ion: 91 Resp: 140451

Ion Ratio Lower Upper

91 100

126 37.2 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 21.313 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VD075636.D

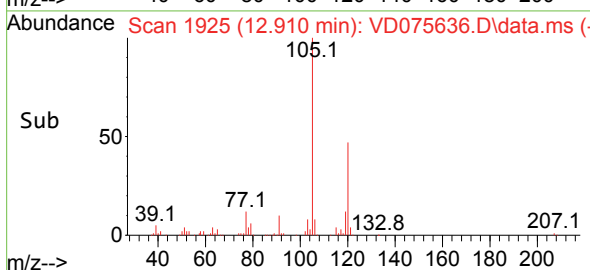
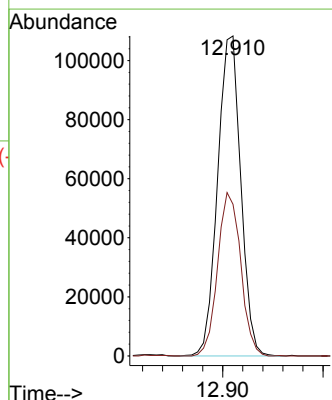
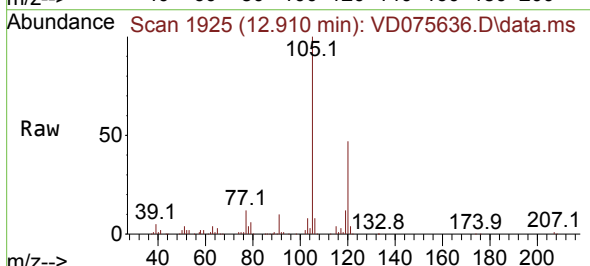
Acq: 12 Apr 2023 13:21

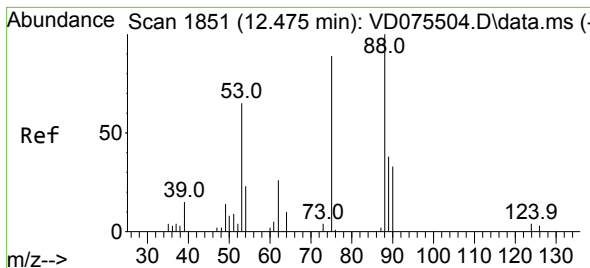
Tgt Ion: 105 Resp: 173518

Ion Ratio Lower Upper

105 100

120 50.9 24.3 72.8

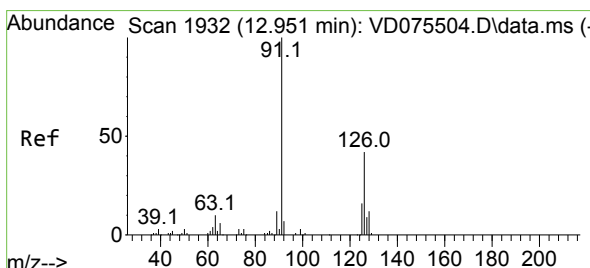
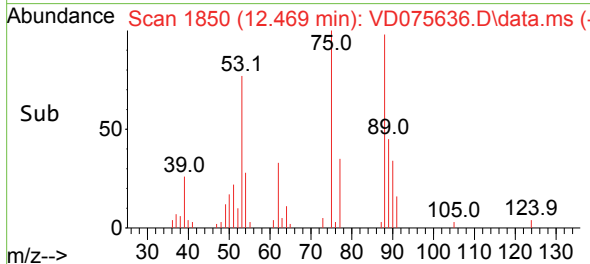
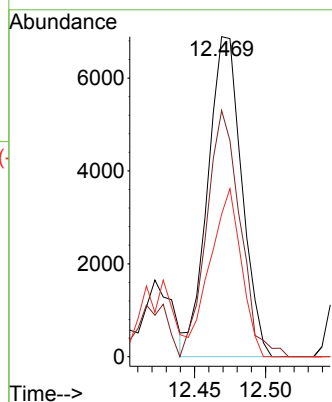
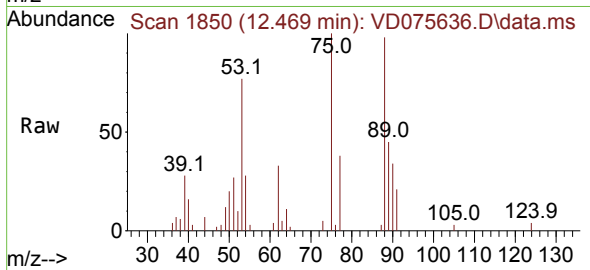




#81
trans-1,4-Dichloro-2-butene
Concen: 20.976 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

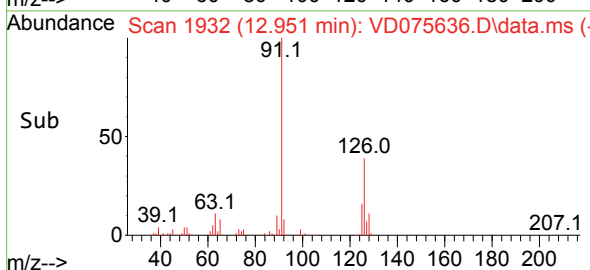
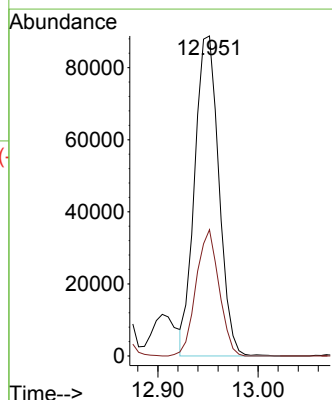
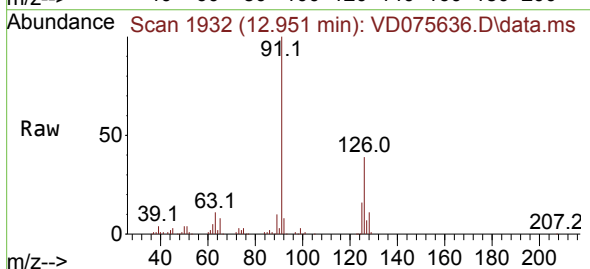
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

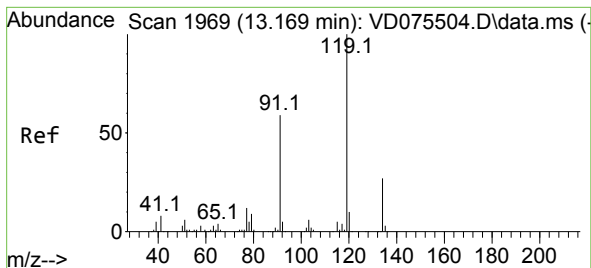
Tgt Ion: 75 Resp: 11474
Ion Ratio Lower Upper
75 100
53 76.1 90.5 135.7#
89 48.0 40.2 60.4



#82
4-Chlorotoluene
Concen: 21.702 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 91 Resp: 148815
Ion Ratio Lower Upper
91 100
126 37.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.154 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

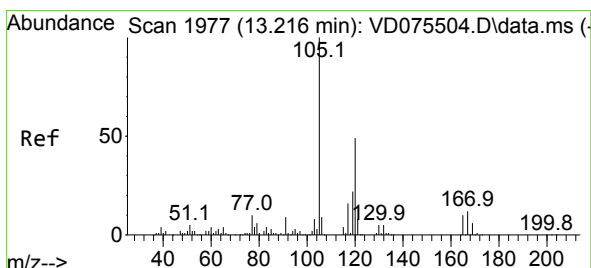
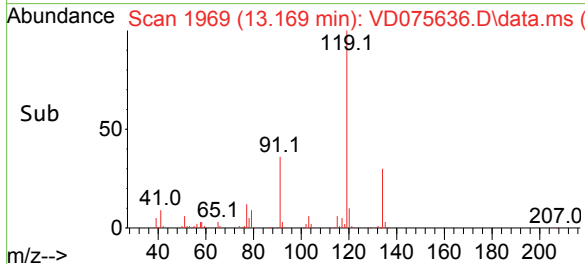
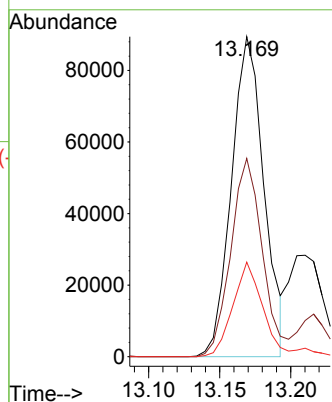
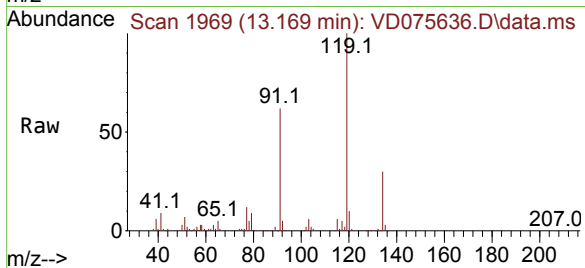
Tgt Ion:119 Resp: 142466

Ion Ratio Lower Upper

119 100

91 60.4 32.4 97.0

134 28.5 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 21.049 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075636.D

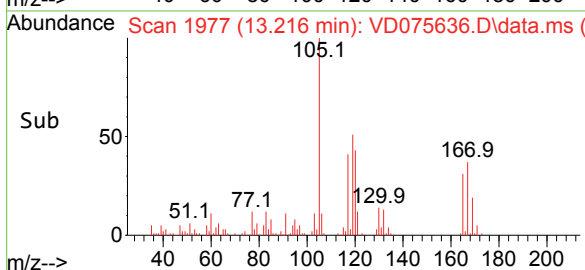
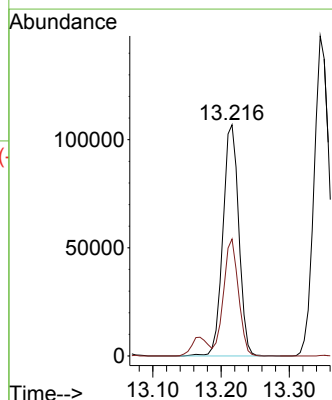
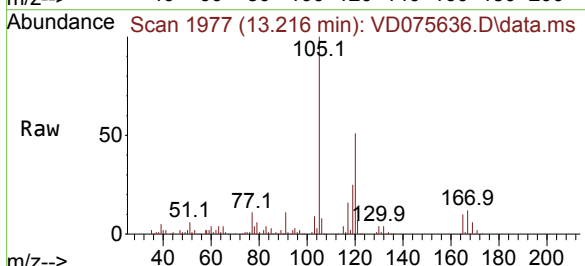
Acq: 12 Apr 2023 13:21

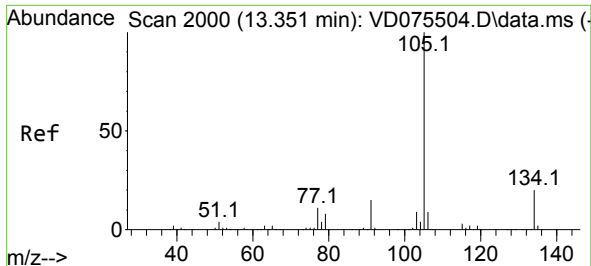
Tgt Ion:105 Resp: 173051

Ion Ratio Lower Upper

105 100

120 47.5 22.3 66.9

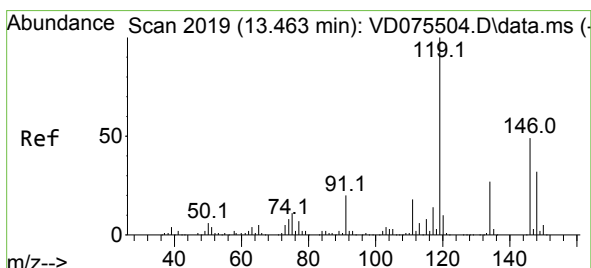
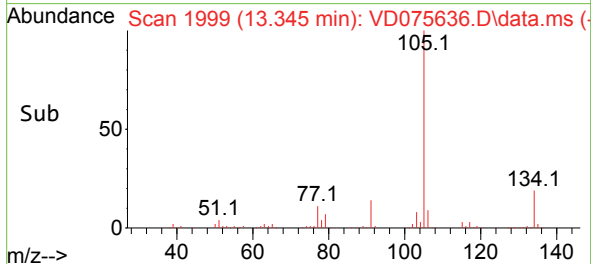
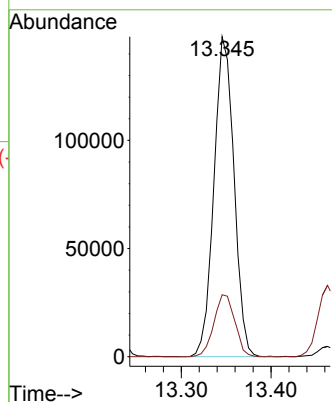
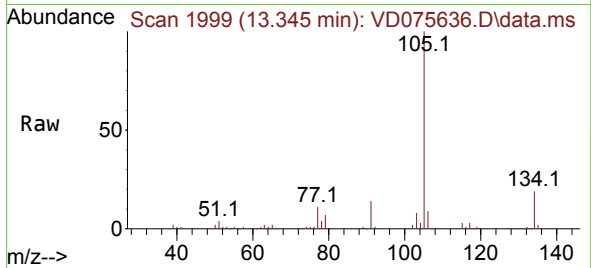




#85
 sec-Butylbenzene
 Concen: 21.265 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

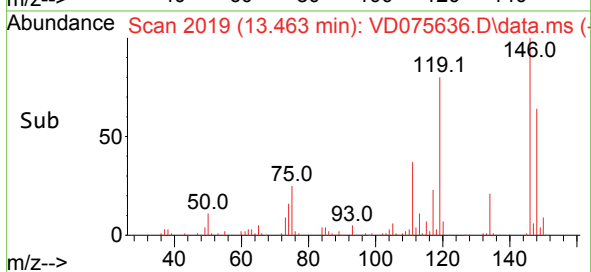
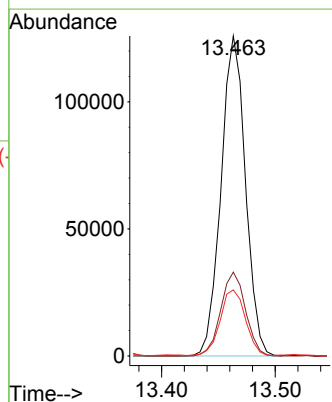
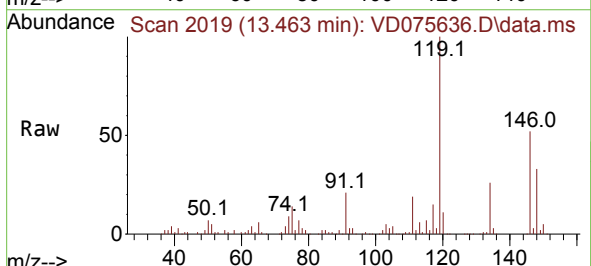
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBSD01

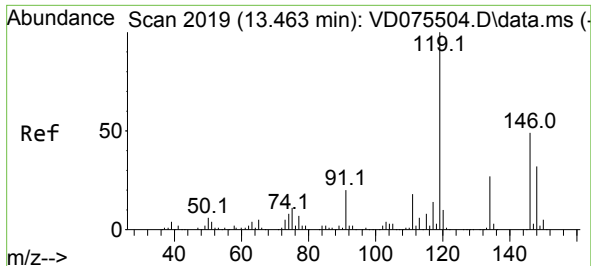
Tgt Ion:105 Resp: 229713
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.705 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075636.D
 Acq: 12 Apr 2023 13:21

Tgt Ion:119 Resp: 188012
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 21.2 12.4 37.4

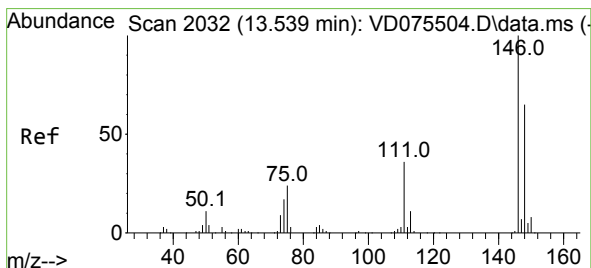
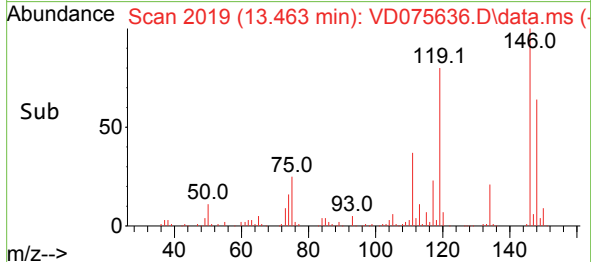
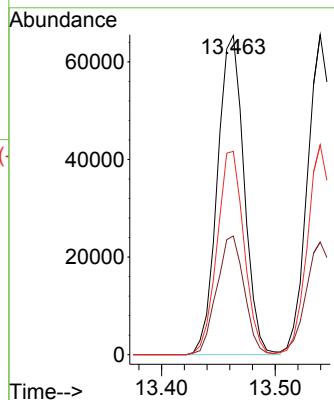
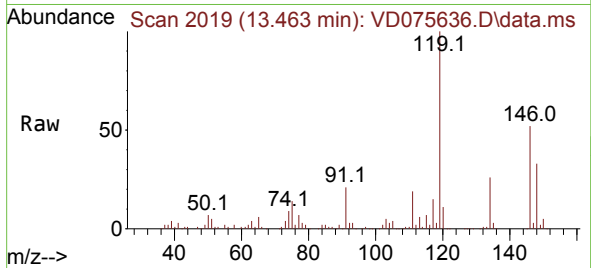




#87
1,3-Dichlorobenzene
Concen: 20.384 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

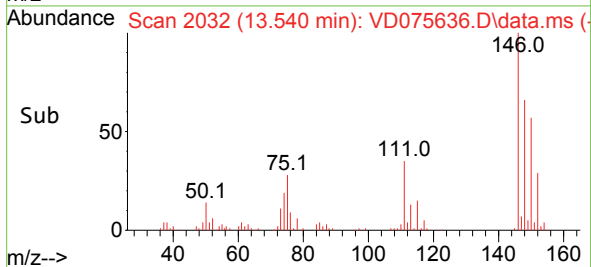
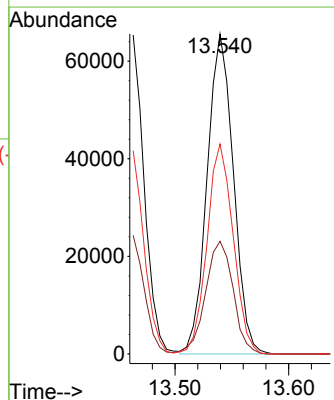
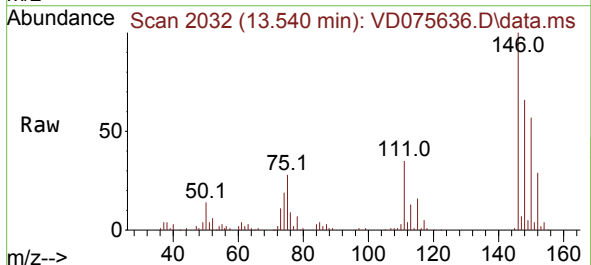
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

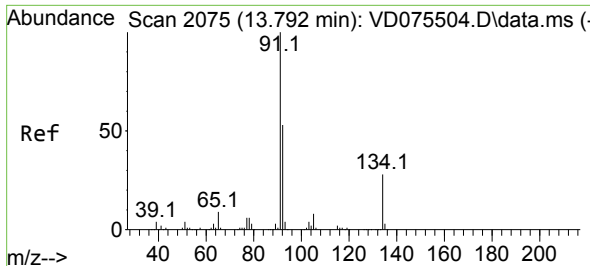
Tgt Ion:146 Resp: 106803
Ion Ratio Lower Upper
146 100
111 38.3 19.8 59.3
148 64.2 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 20.373 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:146 Resp: 105569
Ion Ratio Lower Upper
146 100
111 37.0 19.6 58.8
148 65.3 31.7 95.1

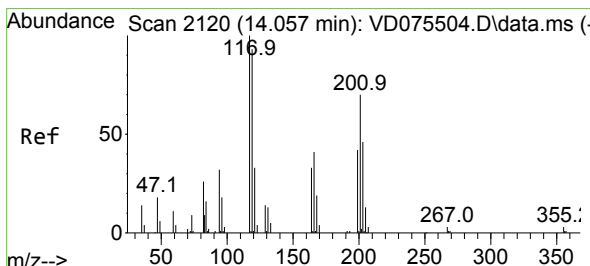
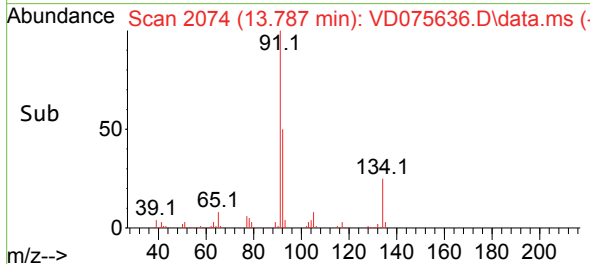
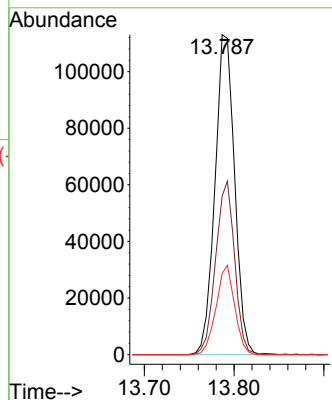
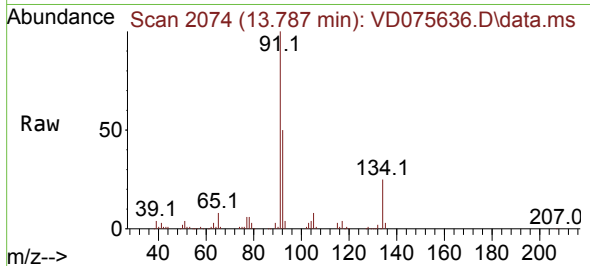




#89
n-Butylbenzene
Concen: 20.855 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

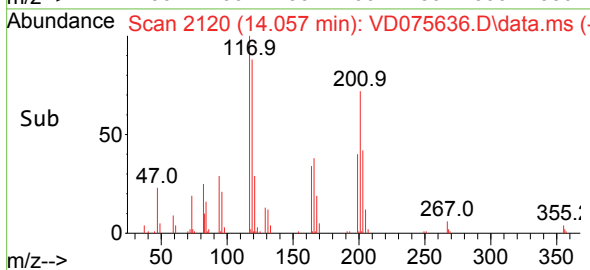
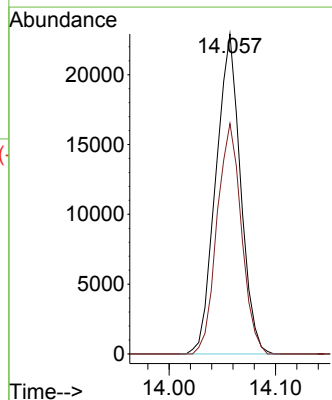
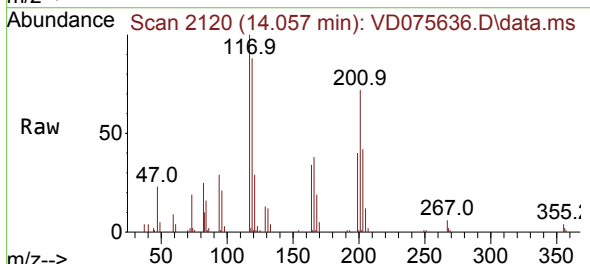
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

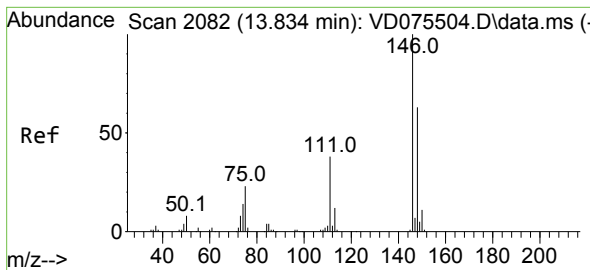
Tgt Ion: 91 Resp: 172179
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 26.4 12.7 38.0



#90
Hexachloroethane
Concen: 21.444 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 117 Resp: 36834
Ion Ratio Lower Upper
117 100
201 71.2 34.5 103.6

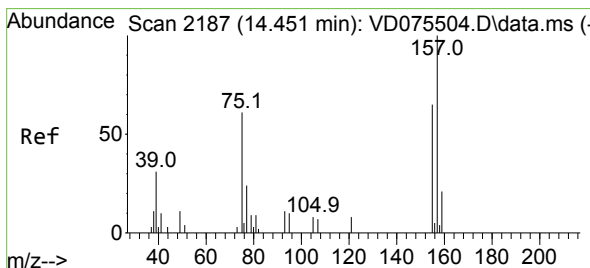
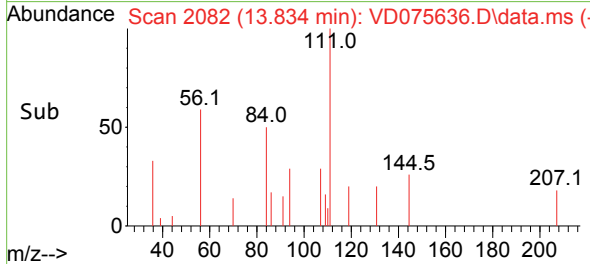
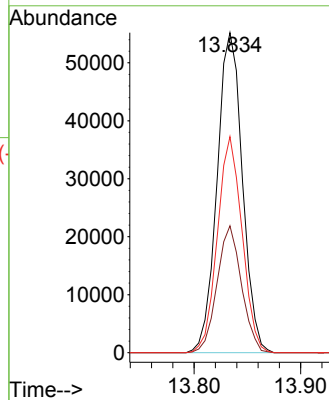
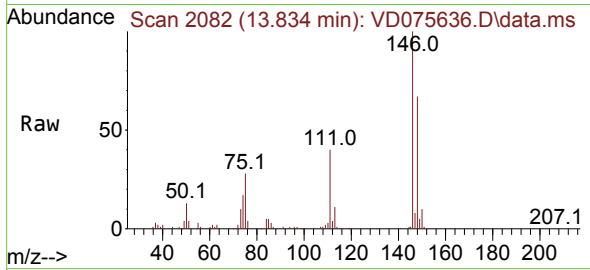




#91
1,2-Dichlorobenzene
Concen: 20.170 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

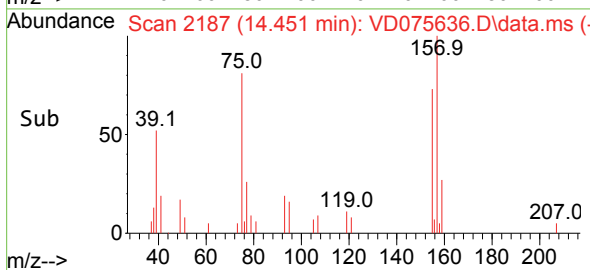
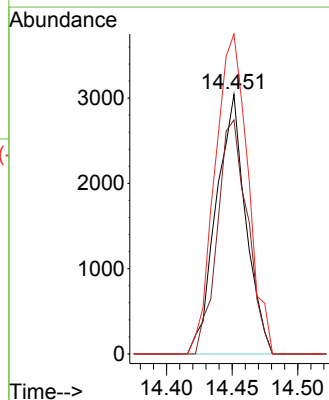
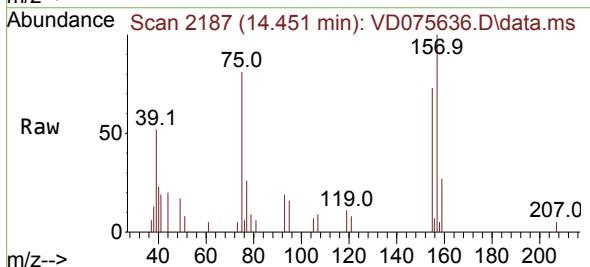
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

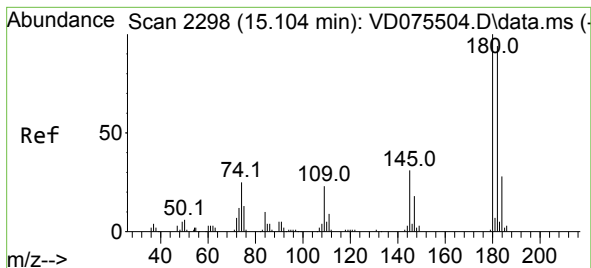
Tgt Ion:146 Resp: 91096
Ion Ratio Lower Upper
146 100
111 38.2 20.6 61.8
148 65.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.551 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion: 75 Resp: 4780
Ion Ratio Lower Upper
75 100
155 91.4 39.5 118.5
157 136.9 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 20.882 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VD0412SBSD01

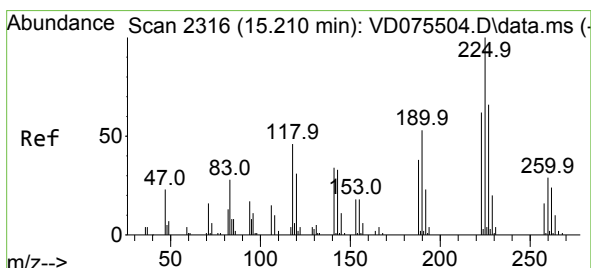
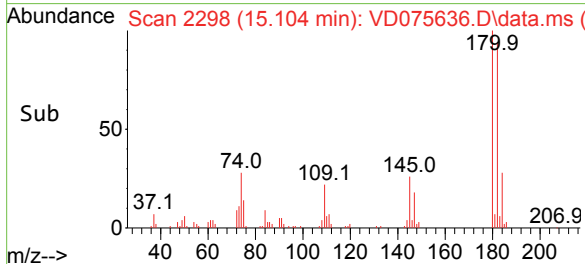
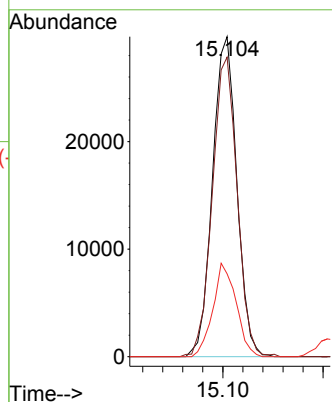
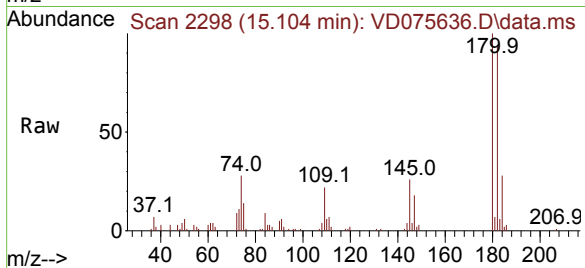
Tgt Ion:180 Resp: 50020

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 27.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.520 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075636.D

Acq: 12 Apr 2023 13:21

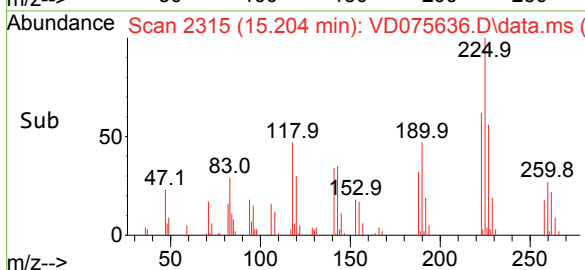
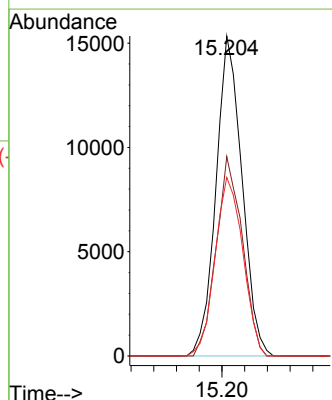
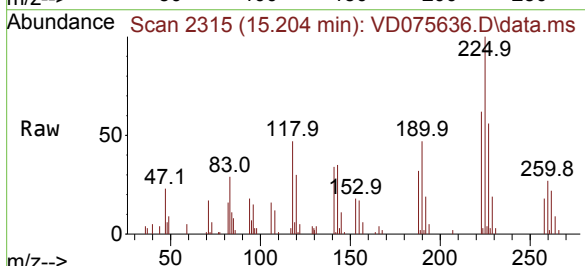
Tgt Ion:225 Resp: 24418

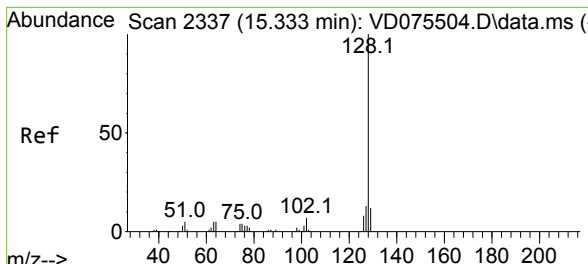
Ion Ratio Lower Upper

225 100

223 62.7 33.1 99.2

227 59.6 31.9 95.9

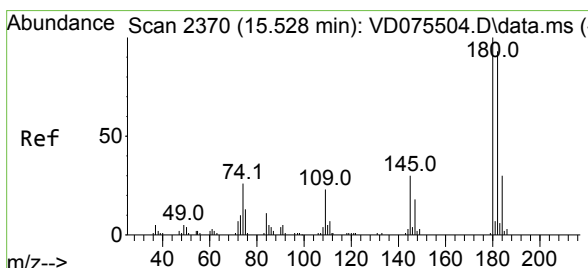
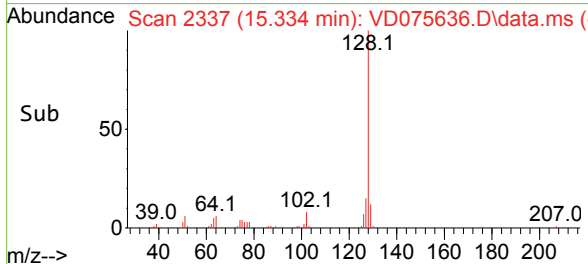
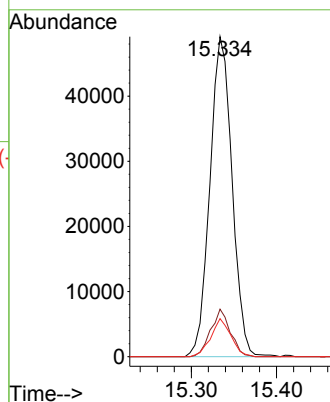
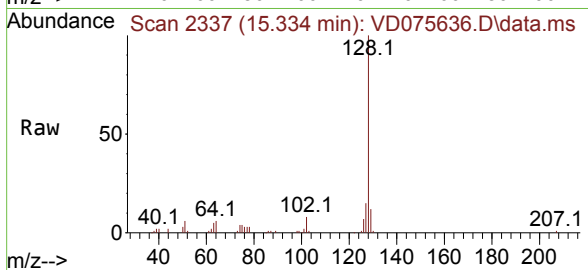




#95
Naphthalene
Concen: 19.551 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBSD01

Tgt Ion:	128	Resp:	88922
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.030 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075636.D
Acq: 12 Apr 2023 13:21

Tgt Ion:	180	Resp:	42510
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.7	143.1
145	33.3	16.4	49.4

