

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041023\
 Data File : VD075612.D
 Acq On : 10 Apr 2023 17:54
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 12 09:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 09:55:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	203459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	355699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	332392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34913	20.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.840%#
35) Dibromofluoromethane	7.805	113	44350	21.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.560%#
50) Toluene-d8	10.269	98	157105	19.214	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.420%#
62) 4-Bromofluorobenzene	12.575	95	47938	19.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31899	22.192	ug/l	97
3) Chloromethane	2.146	50	56457	22.587	ug/l	96
4) Vinyl Chloride	2.281	62	76554	21.877	ug/l	96
5) Bromomethane	2.675	94	57269	20.552	ug/l	99
6) Chloroethane	2.834	64	54555	22.224	ug/l	93
7) Trichlorofluoromethane	3.175	101	64945	21.756	ug/l	92
8) Diethyl Ether	3.599	74	18594	20.167	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.969	101	41262	21.000	ug/l	94
10) Methyl Iodide	4.158	142	45291	19.278	ug/l	92
11) Tert butyl alcohol	5.058	59	8281	104.944	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	39250	20.811	ug/l	86
13) Acrolein	3.799	56	14808	119.610	ug/l	99
14) Allyl chloride	4.569	41	34545	20.295	ug/l #	79
15) Acrylonitrile	5.252	53	36022	101.955	ug/l	98
16) Acetone	4.022	43	31842	104.701	ug/l #	77
17) Carbon Disulfide	4.275	76	103992	21.304	ug/l #	94
18) Methyl Acetate	4.564	43	19614	21.369	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	79512	19.948	ug/l	98
20) Methylene Chloride	4.799	84	70554	22.260	ug/l #	73
21) trans-1,2-Dichloroethene	5.305	96	45958	20.644	ug/l #	74
22) Diisopropyl ether	6.222	45	86662	20.756	ug/l #	88
23) Vinyl Acetate	6.158	43	200927	102.530	ug/l #	84
24) 1,1-Dichloroethane	6.111	63	72873	21.135	ug/l	96
25) 2-Butanone	7.087	43	40285	102.069	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	66132	20.908	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	52055	19.859	ug/l	82
28) Bromochloromethane	7.422	49	25298	21.473	ug/l #	48
29) Tetrahydrofuran	7.440	42	20620	98.657	ug/l #	53
30) Chloroform	7.593	83	82943	21.145	ug/l	97
31) Cyclohexane	7.875	56	48364	19.917	ug/l #	67
32) 1,1,1-Trichloroethane	7.793	97	67594	20.707	ug/l	95
36) 1,1-Dichloropropene	8.010	75	55372	20.799	ug/l	95
37) Ethyl Acetate	7.169	43	18096	22.608	ug/l #	83
38) Carbon Tetrachloride	7.993	117	54225	21.239	ug/l	92
39) Methylcyclohexane	9.275	83	60564	19.104	ug/l	93
40) Benzene	8.252	78	182802	21.309	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9835	22.437	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	43867	22.008	ug/l	90
43) Isopropyl Acetate	8.357	43	32137	21.032	ug/l #	75
44) Trichloroethene	9.028	130	49342	19.637	ug/l	99
45) 1,2-Dichloropropane	9.304	63	41942	20.958	ug/l	90
46) Dibromomethane	9.393	93	25559	20.570	ug/l	94
47) Bromodichloromethane	9.587	83	62039	20.647	ug/l	100
48) Methyl methacrylate	9.381	41	14078	20.330	ug/l #	61
49) 1,4-Dioxane	9.381	88	4477	397.481	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	82753	100.606	ug/l #	80
52) Toluene	10.334	92	115149	19.874	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	55042	20.209	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	66920	20.208	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	37216	20.311	ug/l	91
56) Ethyl methacrylate	10.599	69	32751	18.544	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	56497	20.478	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	85547	100.184	ug/l #	88
59) 2-Hexanone	10.922	43	58488	100.933	ug/l	75
60) Dibromochloromethane	11.075	129	44892	20.520	ug/l	99
61) 1,2-Dibromoethane	11.181	107	34448	19.670	ug/l	98
64) Tetrachloroethene	10.810	164	40247	20.131	ug/l	94
65) Chlorobenzene	11.610	112	127990	19.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	44794	19.632	ug/l	94
67) Ethyl Benzene	11.687	91	209239	19.655	ug/l	97
68) m/p-Xylenes	11.793	106	172274	39.290	ug/l	93
69) o-Xylene	12.122	106	78047	19.773	ug/l	91
70) Styrene	12.140	104	135786	20.059	ug/l	95
71) Bromoform	12.298	173	23559	19.977	ug/l #	93
73) Isopropylbenzene	12.422	105	195477	19.573	ug/l	98
74) N-amyl acetate	12.234	43	29091	20.769	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.675	83	39983	21.403	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	22232m	17.651	ug/l	
77) Bromobenzene	12.698	156	49913	19.800	ug/l	93
78) n-propylbenzene	12.763	91	242511	20.196	ug/l	97
79) 2-Chlorotoluene	12.851	91	136966	20.623	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	166819	20.395	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	11923	21.695	ug/l #	69
82) 4-Chlorotoluene	12.951	91	147724	21.442	ug/l	95
83) tert-Butylbenzene	13.169	119	137956	19.425	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	168113	20.353	ug/l	96
85) sec-Butylbenzene	13.345	105	220165	20.286	ug/l	99
86) p-Isopropyltoluene	13.463	119	178532	19.569	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	104909	19.929	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	103368	19.855	ug/l	98
89) n-Butylbenzene	13.787	91	164986	19.891	ug/l	99
90) Hexachloroethane	14.057	117	36601	21.209	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	90160	19.870	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5031	21.529	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	47888	19.898	ug/l	96
94) Hexachlorobutadiene	15.204	225	23254	20.399	ug/l	96
95) Naphthalene	15.334	128	84799	18.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	43084	20.206	ug/l	94

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QLast Update : Wed Apr 12 09:55:43 2023
Response via : Initial Calibration

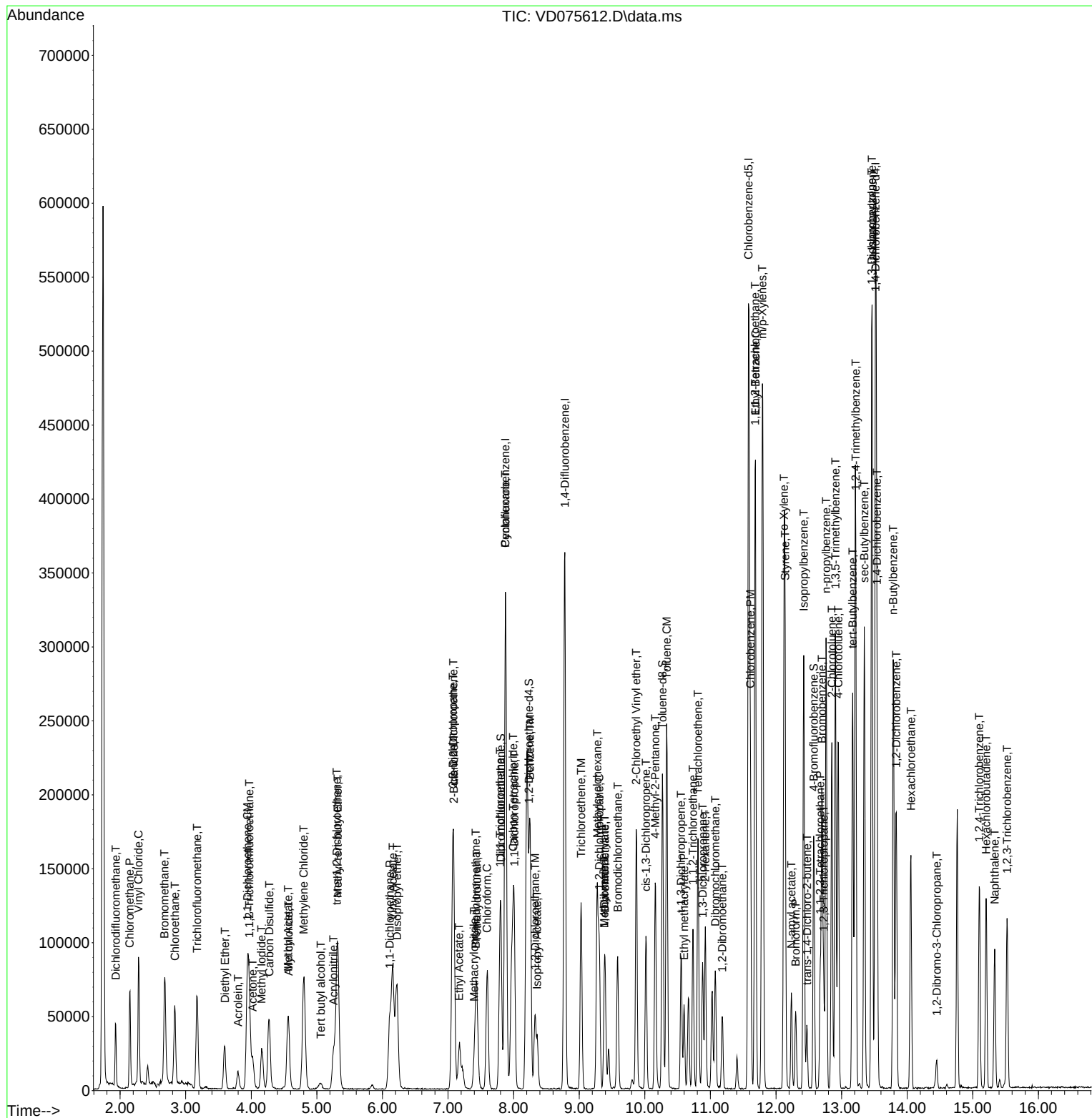
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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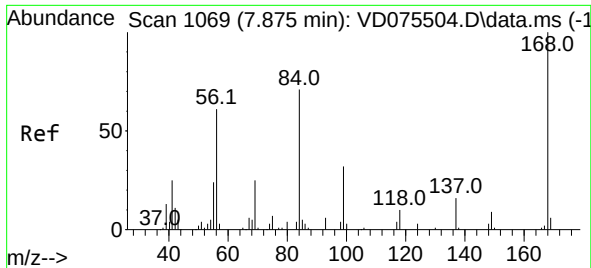
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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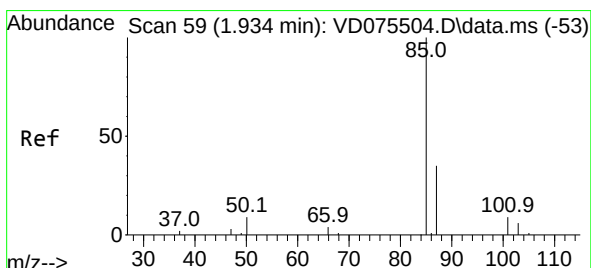
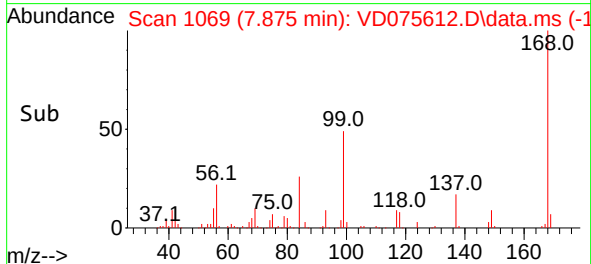
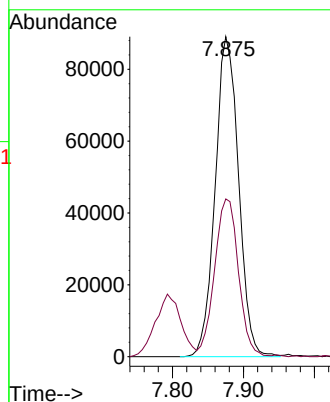
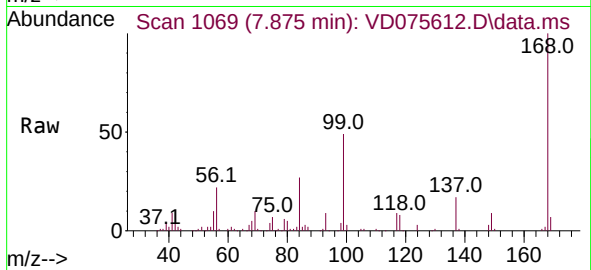




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075612.D
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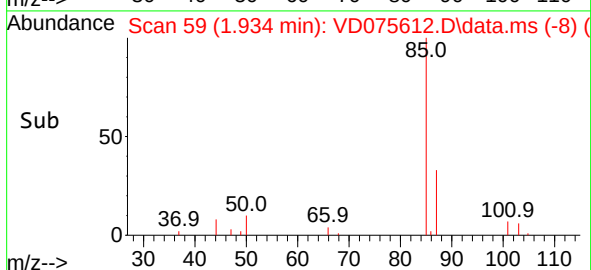
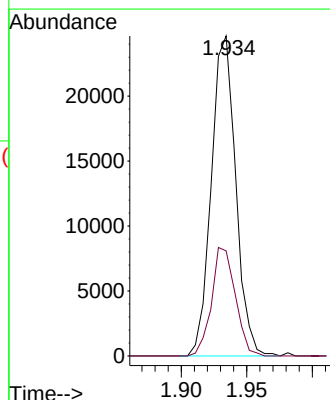
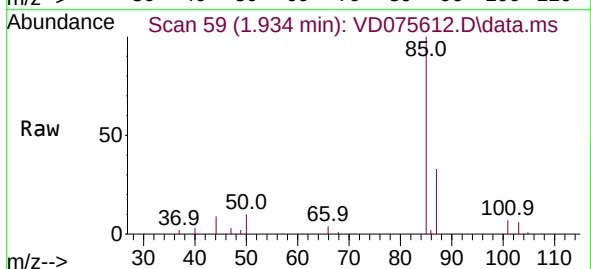
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

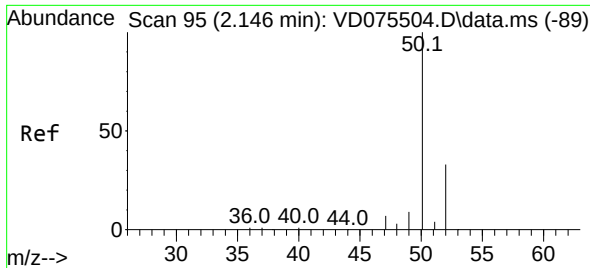
Tgt Ion:168 Resp: 203459
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 22.192 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 85 Resp: 31899
Ion Ratio Lower Upper
85 100
87 32.9 17.3 51.7

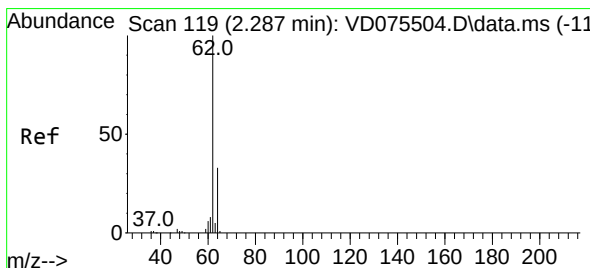
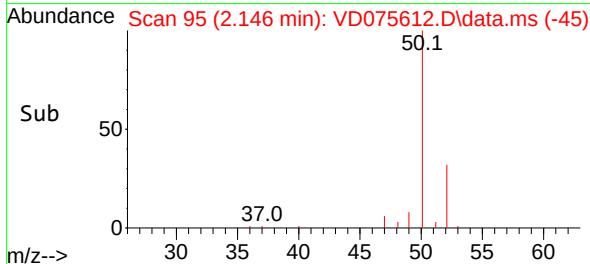
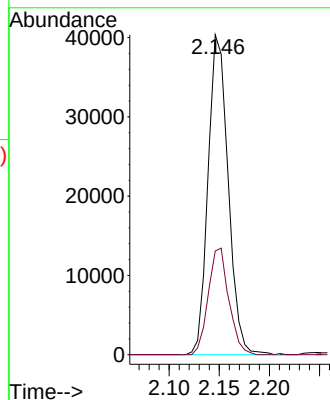
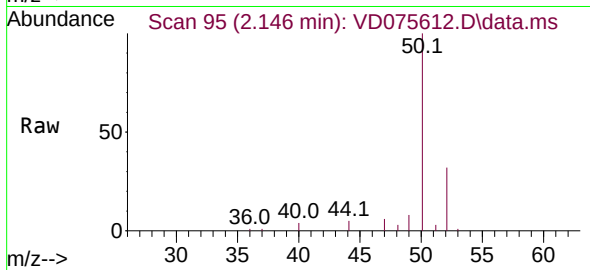




#3
Chloromethane
Concen: 22.587 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

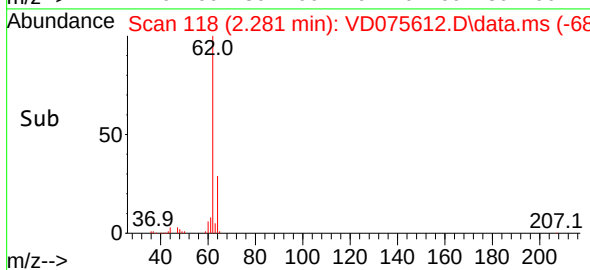
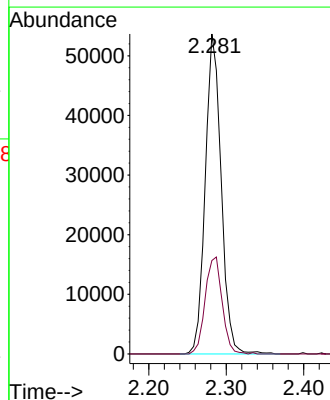
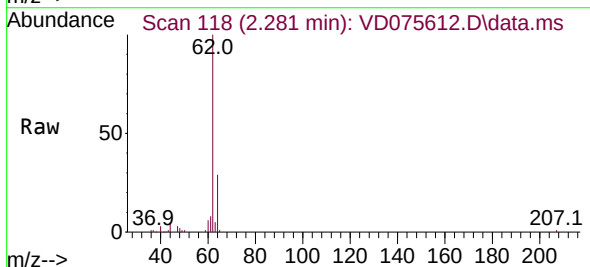
Instrument :
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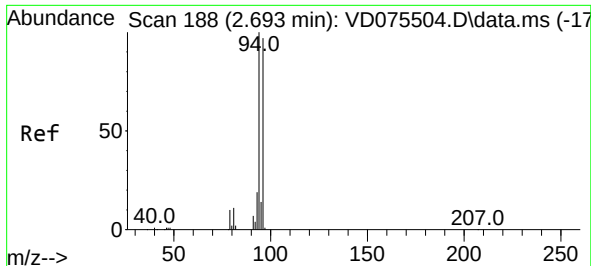
Tgt Ion: 50 Resp: 56457
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.8



#4
Vinyl Chloride
Concen: 21.877 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 62 Resp: 76554
Ion Ratio Lower Upper
62 100
64 29.2 25.4 38.0

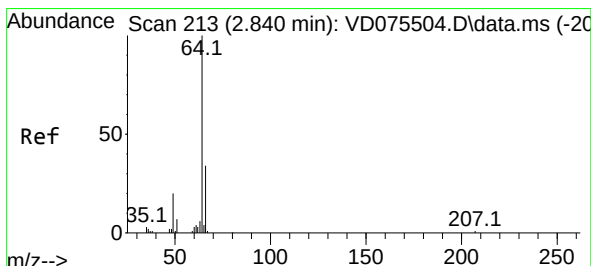
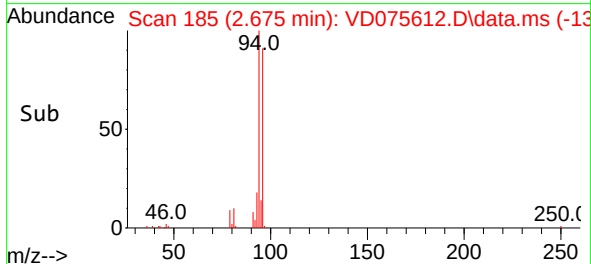
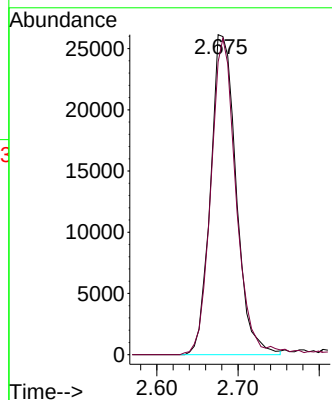
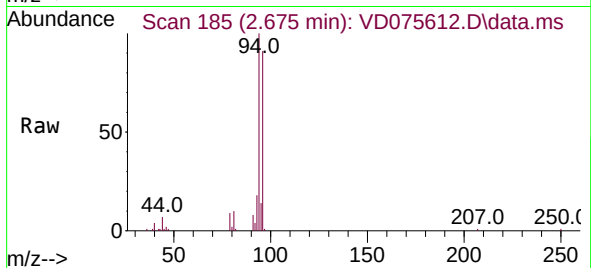




#5
Bromomethane
Concen: 20.552 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

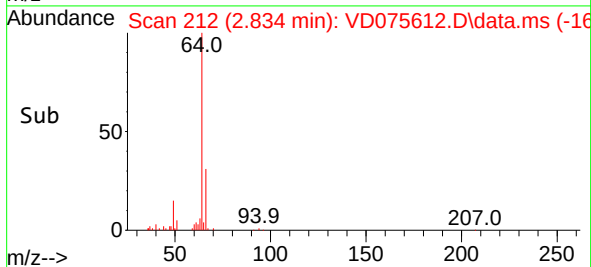
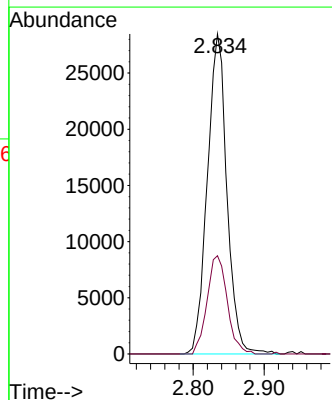
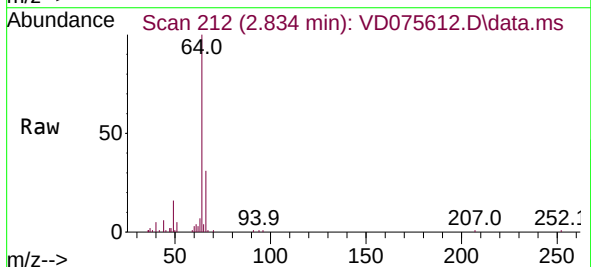
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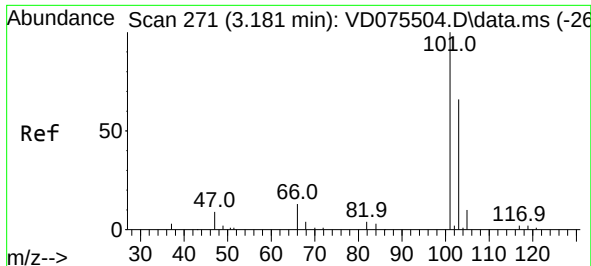
Tgt Ion: 94 Resp: 57269
Ion Ratio Lower Upper
94 100
96 97.6 77.5 116.3



#6
Chloroethane
Concen: 22.224 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 64 Resp: 54555
Ion Ratio Lower Upper
64 100
66 30.7 27.7 41.5

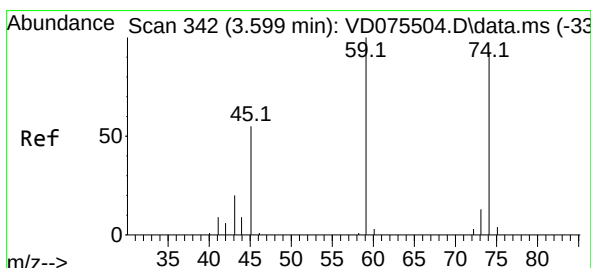
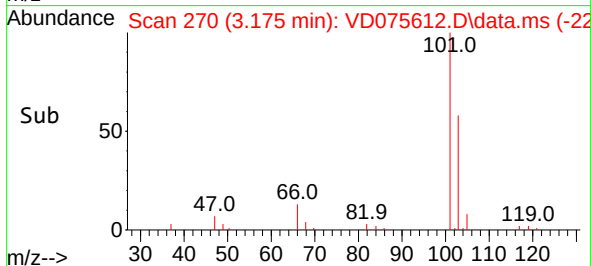
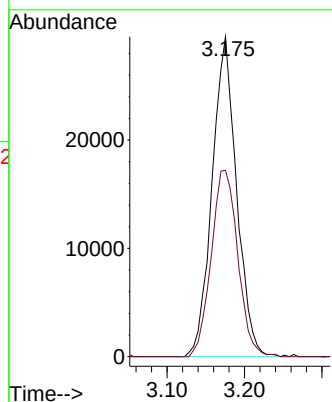
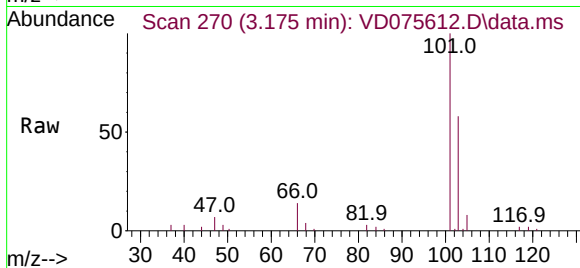




#7
 Trichlorofluoromethane
 Concen: 21.756 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD075612.D
 Acq: 10 Apr 2023 17:54

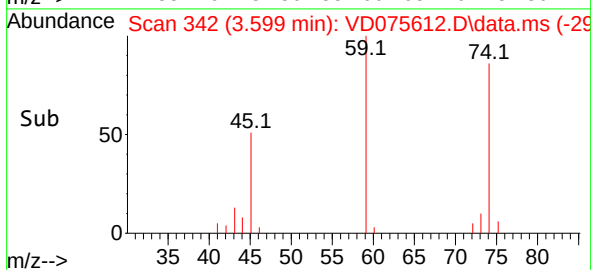
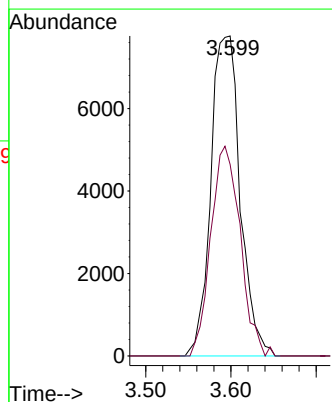
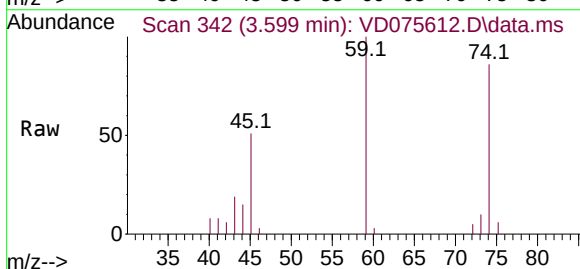
Instrument :
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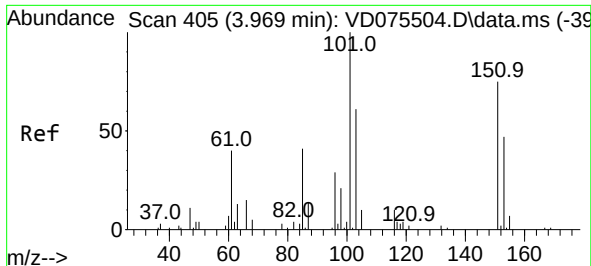
Tgt Ion:101 Resp: 64945
 Ion Ratio Lower Upper
 101 100
 103 58.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.167 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD075612.D
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Tgt Ion: 74 Resp: 18594
 Ion Ratio Lower Upper
 74 100
 45 65.7 50.9 152.7

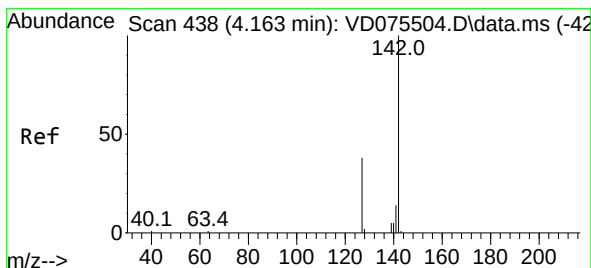
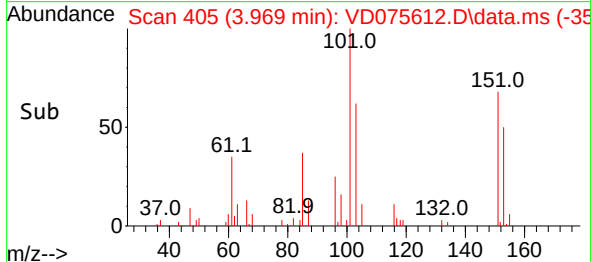
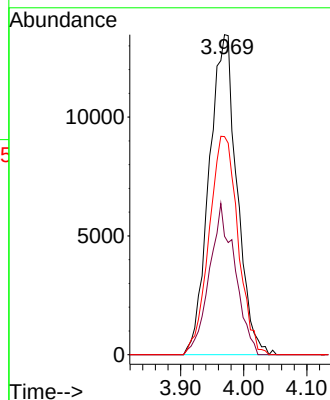
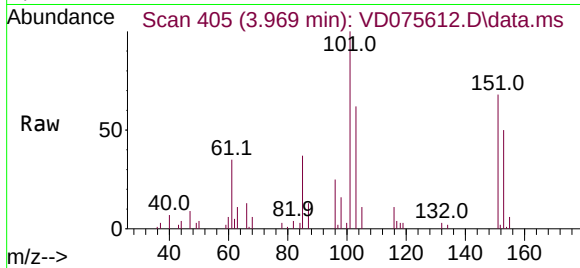




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.000 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

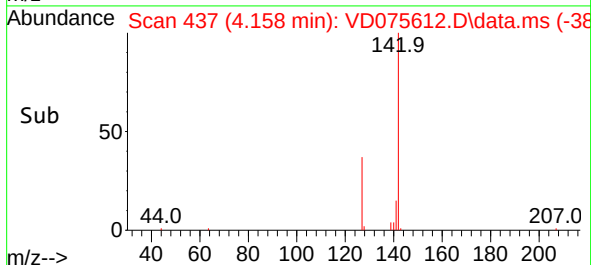
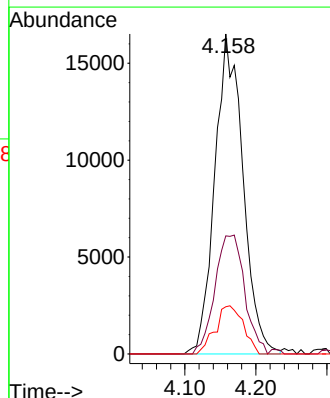
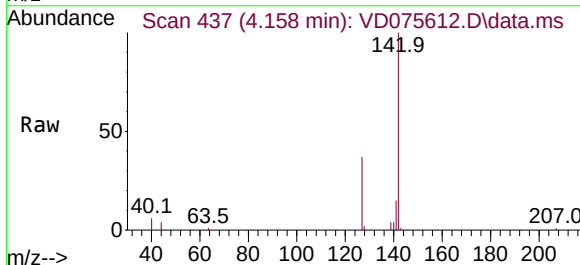
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

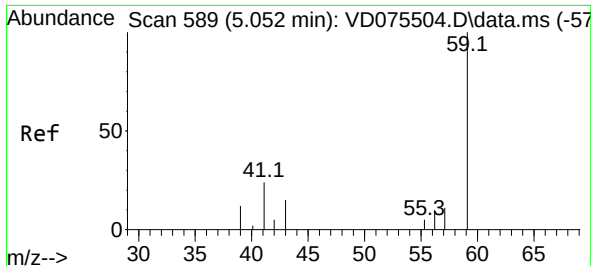
Tgt Ion:101 Resp: 41262
Ion Ratio Lower Upper
101 100
85 43.3 38.3 57.5
151 70.9 60.4 90.6



#10
Methyl Iodide
Concen: 19.278 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion:142 Resp: 45291
Ion Ratio Lower Upper
142 100
127 39.6 37.1 55.7
141 15.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 104.944 ug/l

RT: 5.058 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

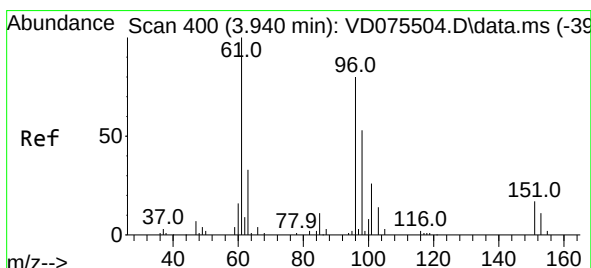
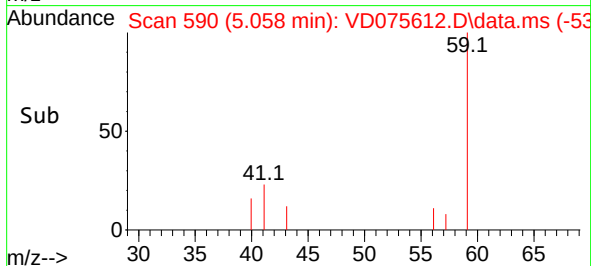
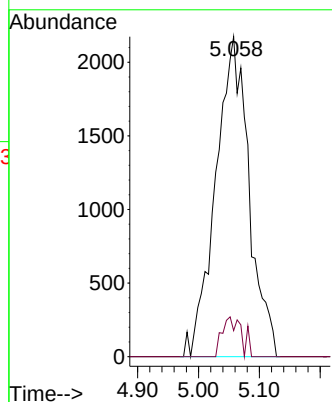
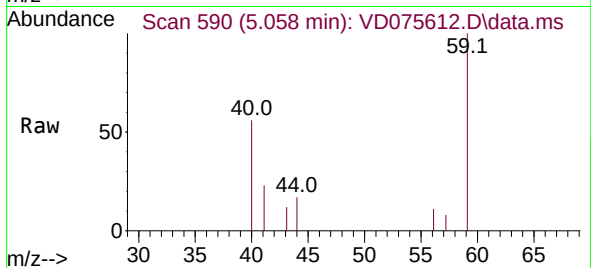
VSTDICC020

Tgt Ion: 59 Resp: 8281

Ion Ratio Lower Upper

59 100

57 7.2 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 20.811 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

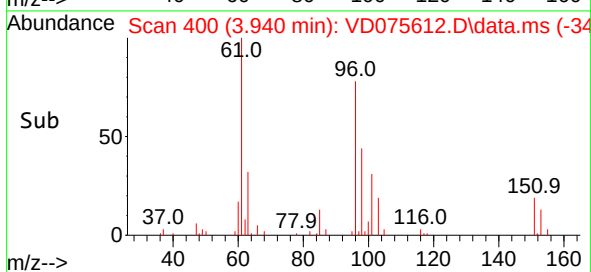
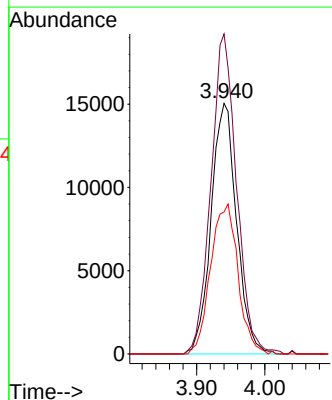
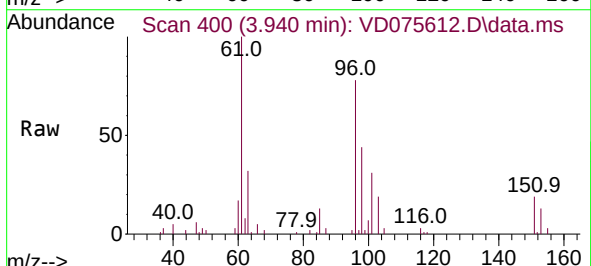
Tgt Ion: 96 Resp: 39250

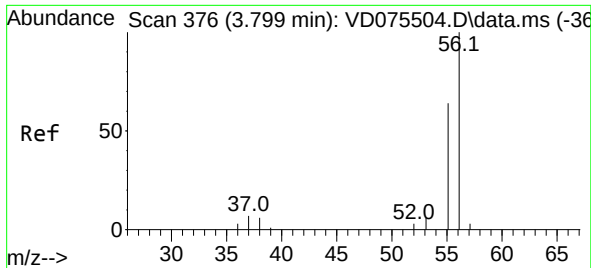
Ion Ratio Lower Upper

96 100

61 127.7 118.6 177.8

98 56.6 49.7 74.5





#13

Acrolein

Concen: 119.610 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

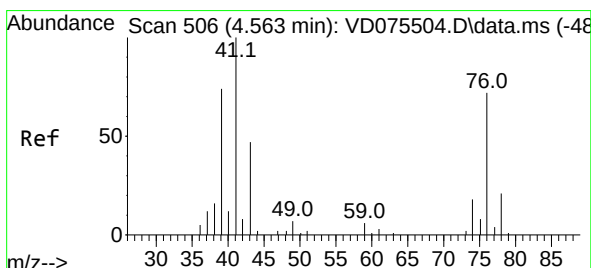
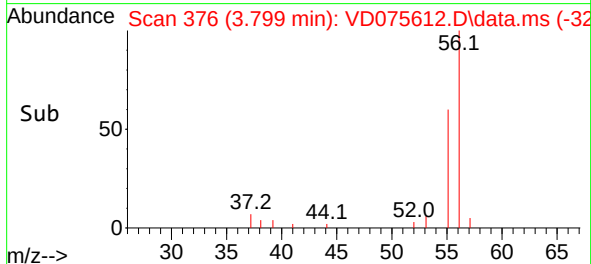
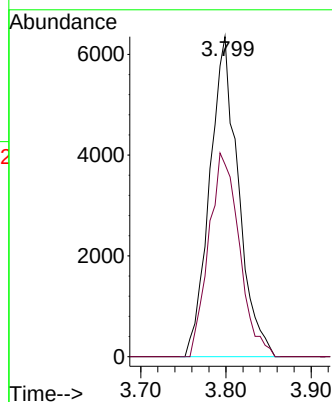
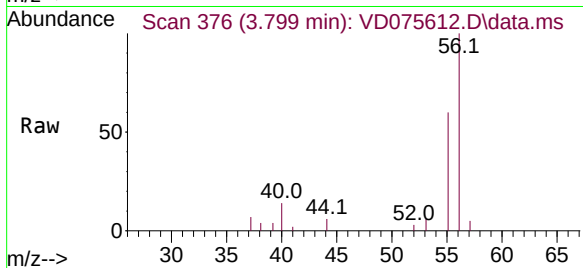
VSTDICC020

Tgt Ion: 56 Resp: 14808

Ion Ratio Lower Upper

56 100

55 67.9 53.9 80.9



#14

Allyl chloride

Concen: 20.295 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.005 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

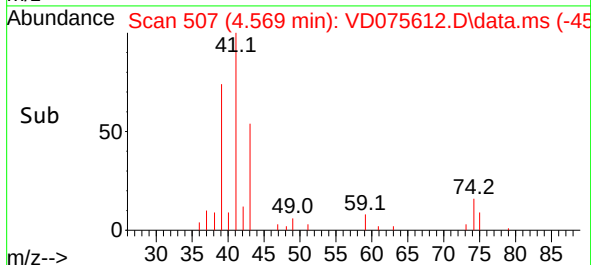
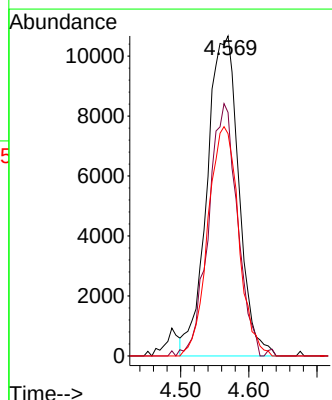
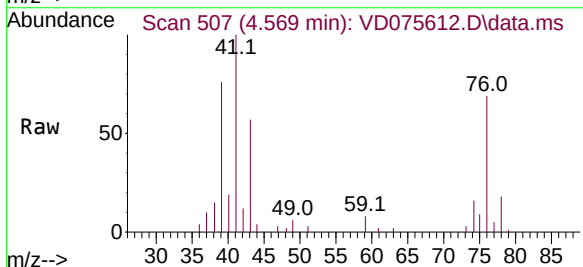
Tgt Ion: 41 Resp: 34545

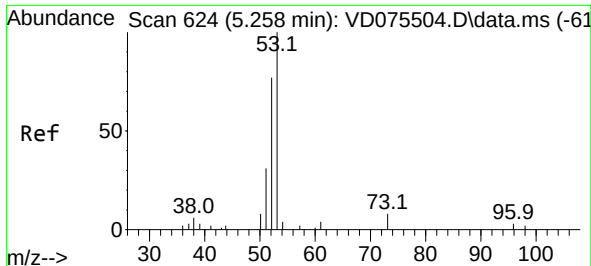
Ion Ratio Lower Upper

41 100

39 71.9 60.6 90.8

76 69.0 28.6 43.0#

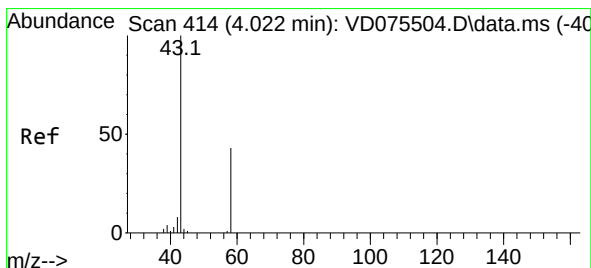
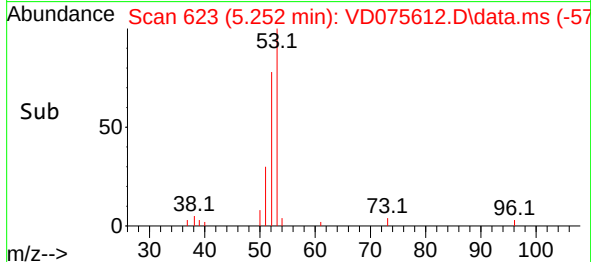
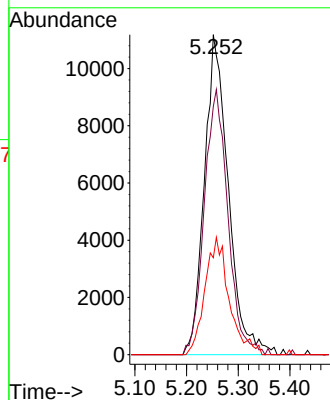
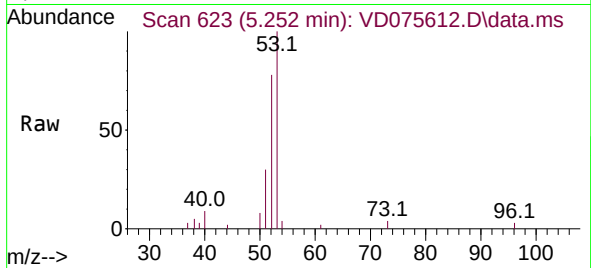




#15
Acrylonitrile
Concen: 101.955 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

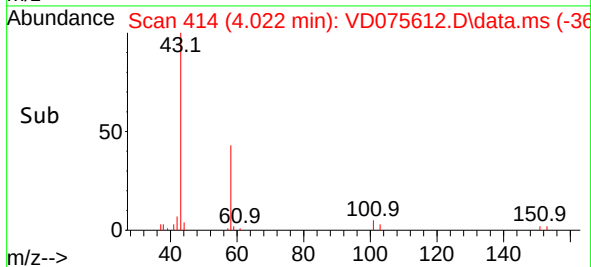
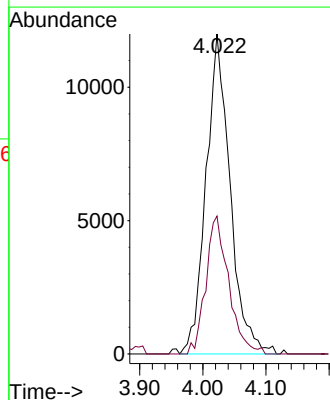
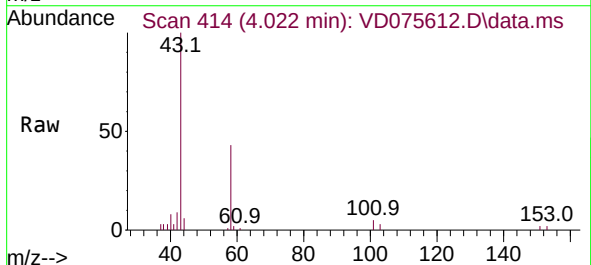
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

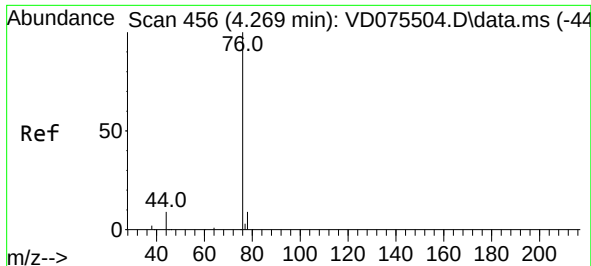
Tgt Ion: 53 Resp: 36022
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 36.9 30.7 46.1



#16
Acetone
Concen: 104.701 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 43 Resp: 31842
Ion Ratio Lower Upper
43 100
58 43.1 24.4 36.6#

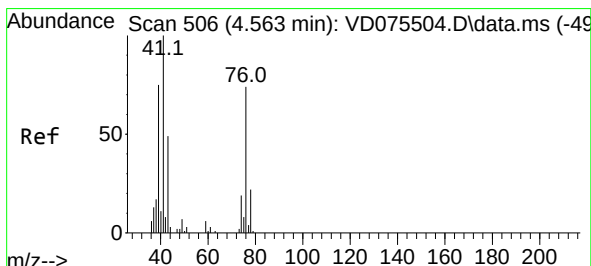
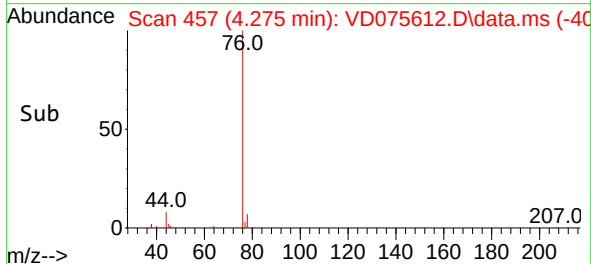
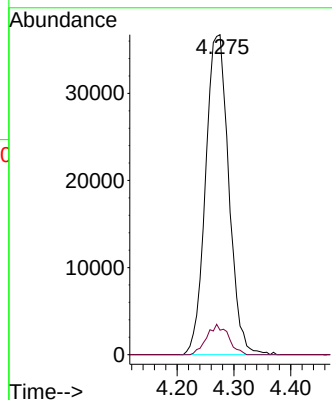
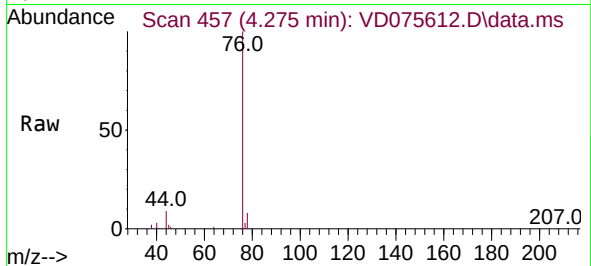




#17
Carbon Disulfide
Concen: 21.304 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

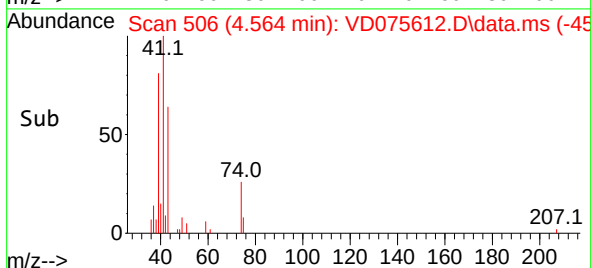
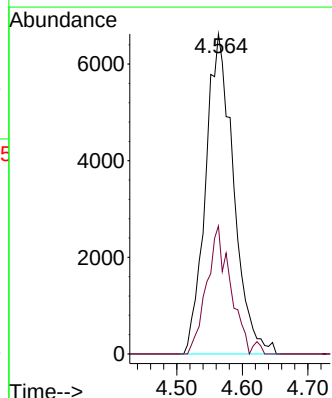
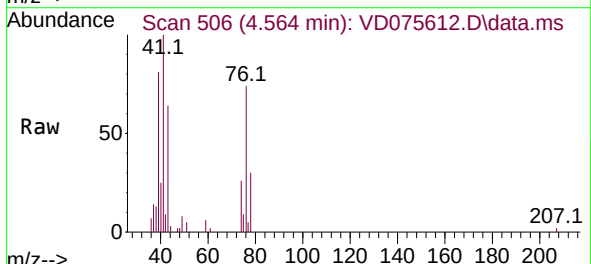
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

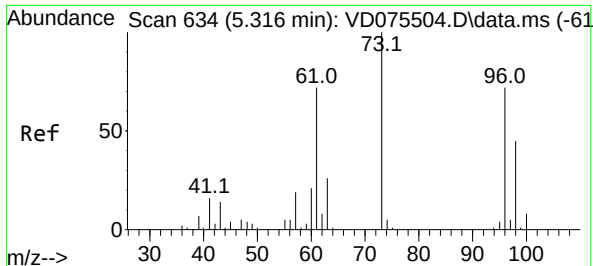
Tgt Ion: 76 Resp: 103992
Ion Ratio Lower Upper
76 100
78 7.7 8.0 12.0#



#18
Methyl Acetate
Concen: 21.369 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 43 Resp: 19614
Ion Ratio Lower Upper
43 100
74 33.7 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 19.948 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

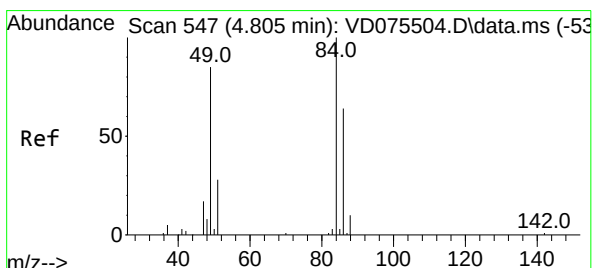
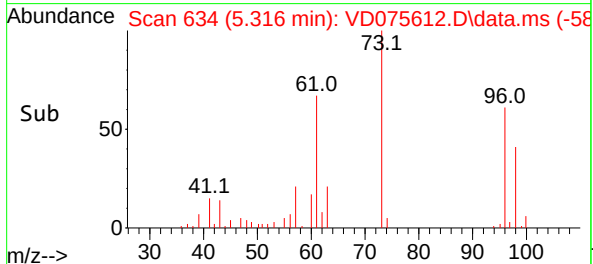
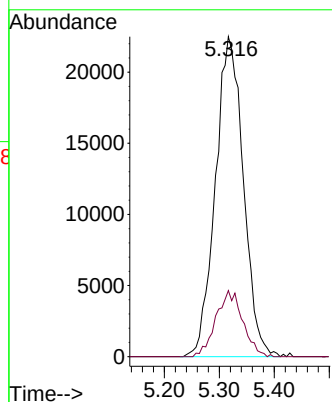
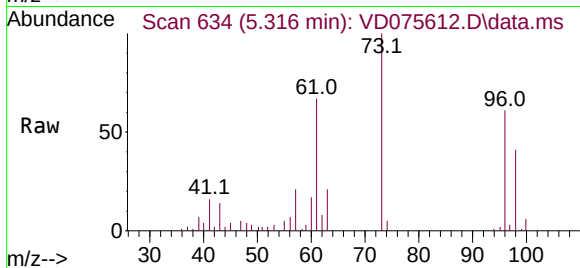
VSTDIC020

Tgt Ion: 73 Resp: 79512

Ion Ratio Lower Upper

73 100

57 20.6 17.2 25.8



#20

Methylene Chloride

Concen: 22.260 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Tgt Ion: 84 Resp: 70554

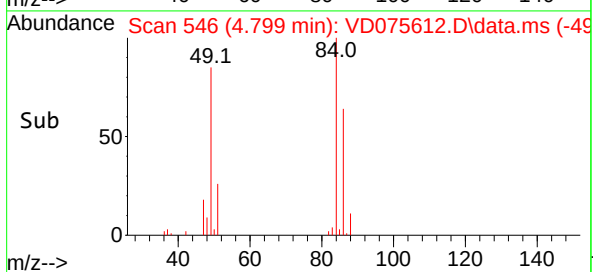
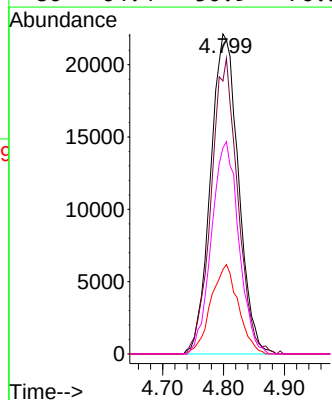
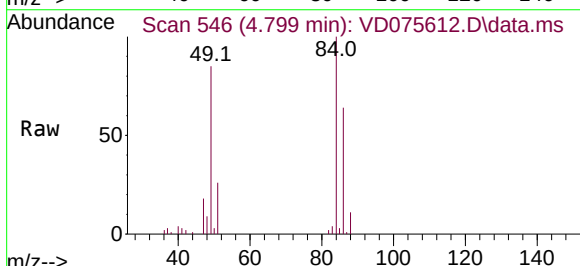
Ion Ratio Lower Upper

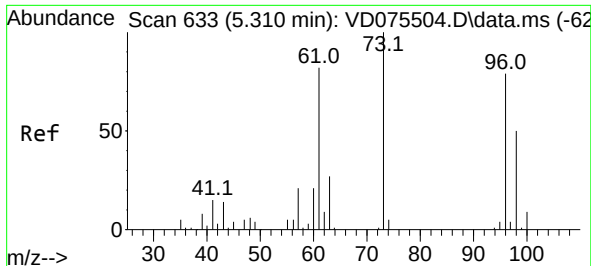
84 100

49 85.3 106.4 159.6#

51 26.4 32.4 48.6#

86 64.4 50.9 76.3

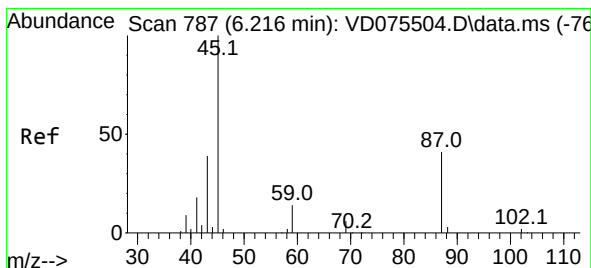
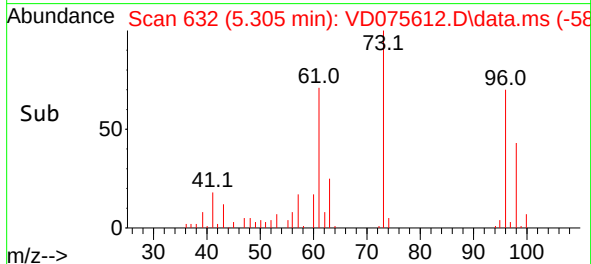
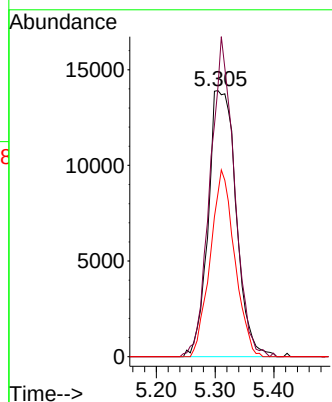
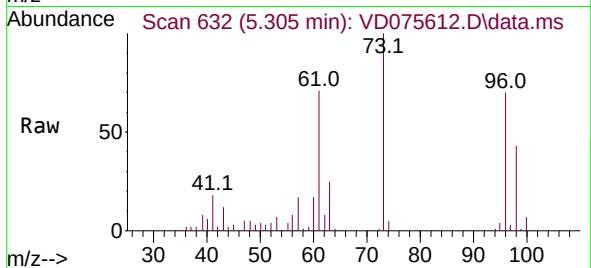




#21
trans-1,2-Dichloroethene
Concen: 20.644 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

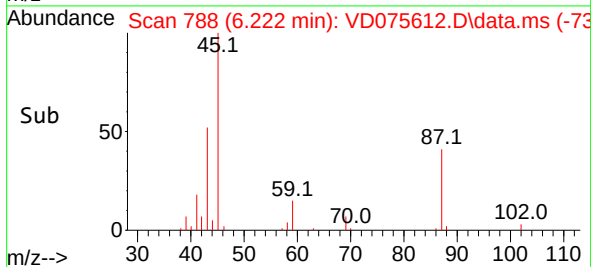
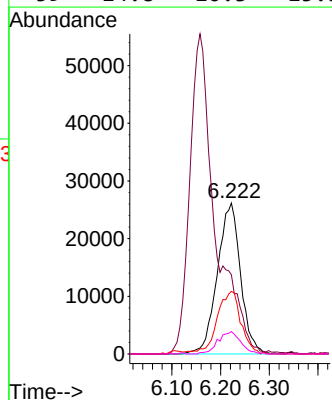
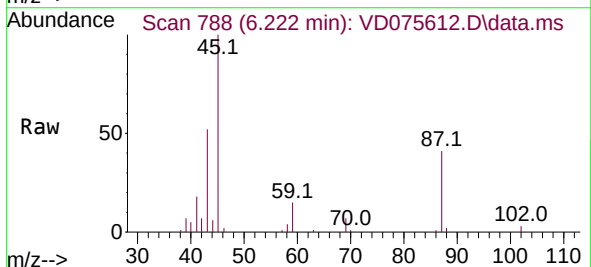
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

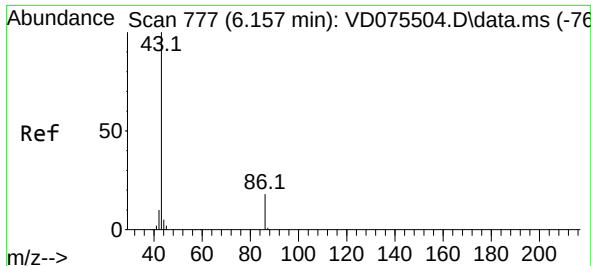
Tgt Ion: 96 Resp: 45958
Ion Ratio Lower Upper
96 100
61 101.4 117.2 175.8#
98 61.3 50.6 76.0



#22
Diisopropyl ether
Concen: 20.756 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 45 Resp: 86662
Ion Ratio Lower Upper
45 100
43 51.5 44.4 66.6
87 41.4 20.9 31.3#
59 14.8 10.3 15.5

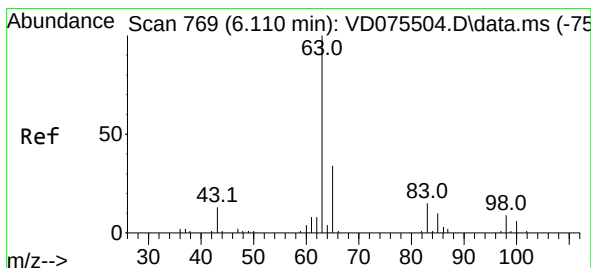
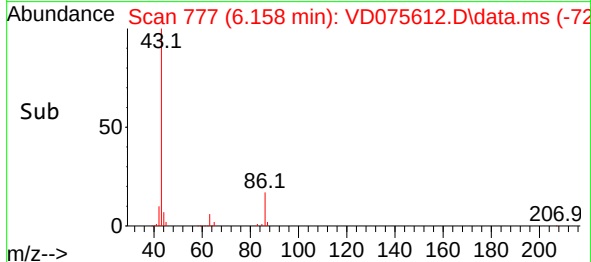
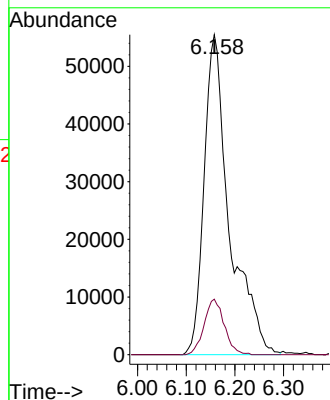
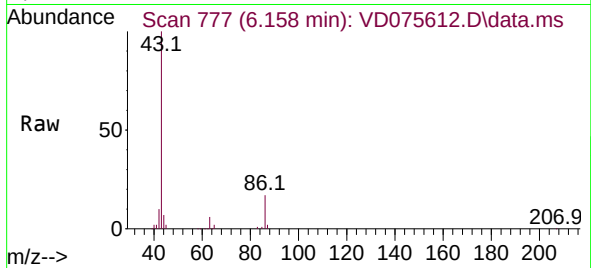




#23
 Vinyl Acetate
 Concen: 102.530 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075612.D
 Acq: 10 Apr 2023 17:54

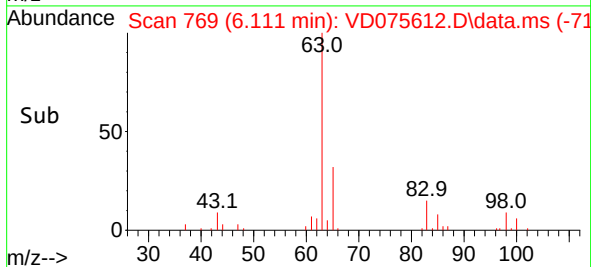
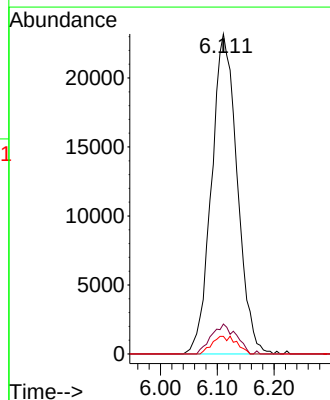
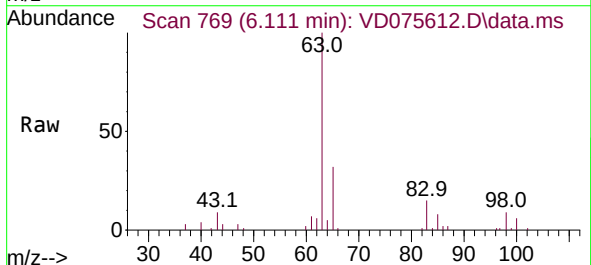
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

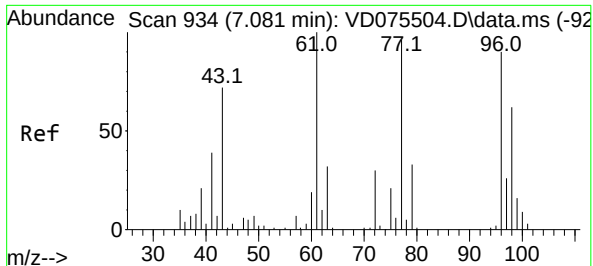
Tgt Ion: 43 Resp: 200927
 Ion Ratio Lower Upper
 43 100
 86 17.3 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 21.135 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075612.D
 Acq: 10 Apr 2023 17:54

Tgt Ion: 63 Resp: 72873
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.9 11.7
 100 5.5 2.0 6.0





#25

2-Butanone

Concen: 102.069 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

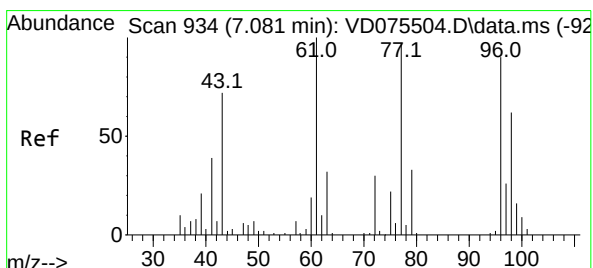
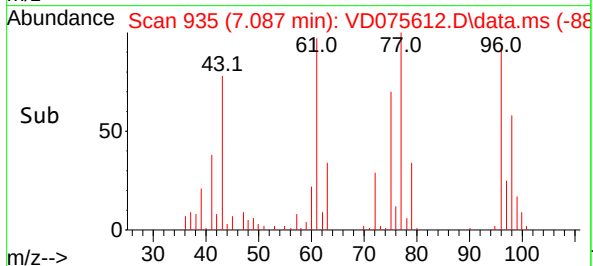
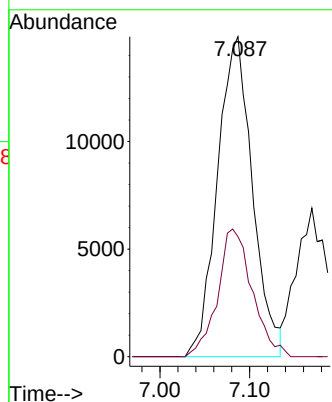
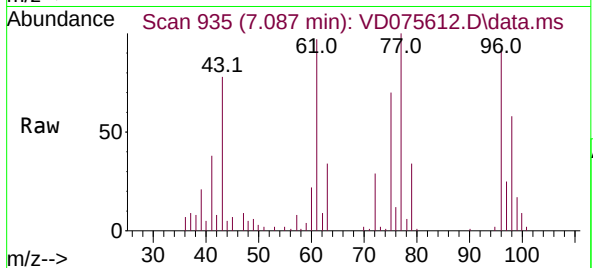
VSTDIC020

Tgt Ion: 43 Resp: 40285

Ion Ratio Lower Upper

43 100

72 37.5 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 20.908 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075612.D

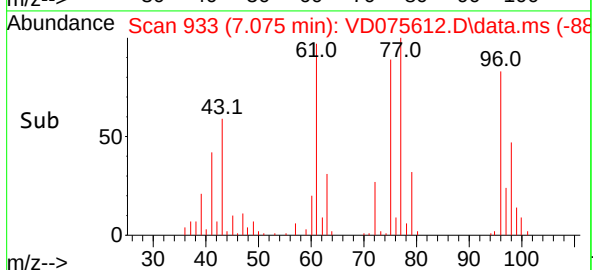
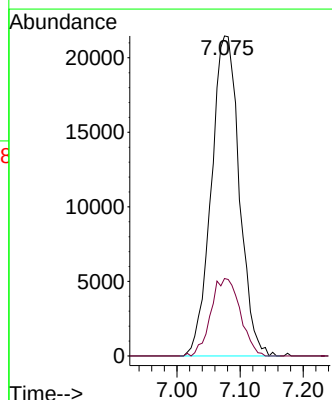
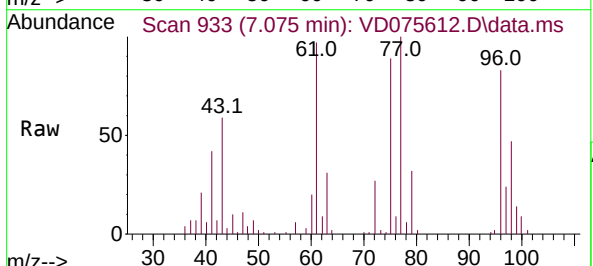
Acq: 10 Apr 2023 17:54

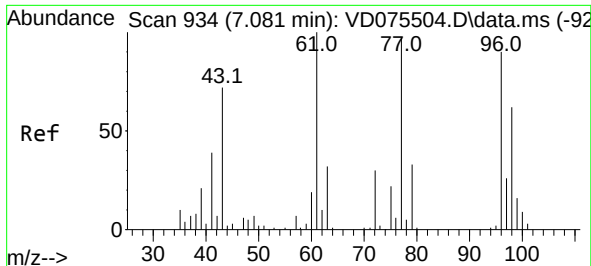
Tgt Ion: 77 Resp: 66132

Ion Ratio Lower Upper

77 100

97 25.3 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.859 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

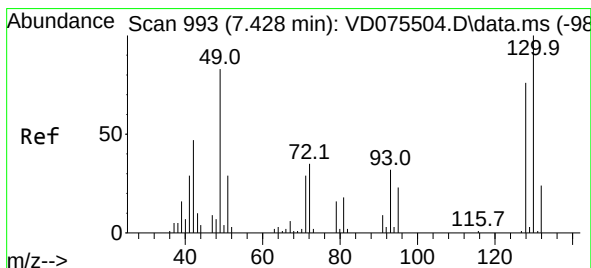
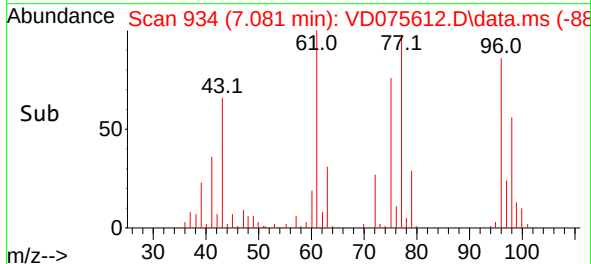
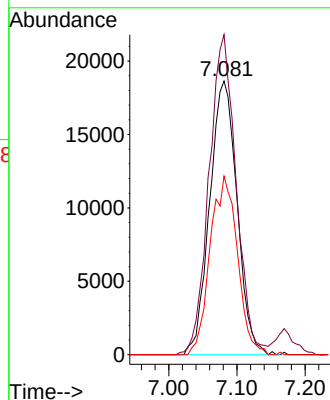
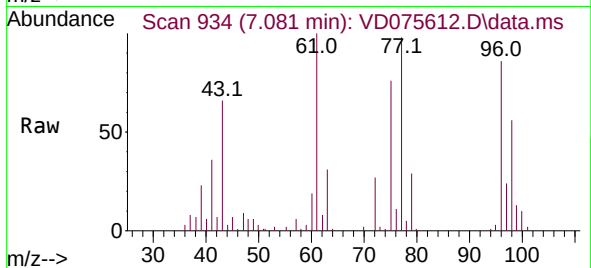
Tgt Ion: 96 Resp: 52055

Ion Ratio Lower Upper

96 100

61 115.8 0.0 295.2

98 65.0 0.0 129.2



#28

Bromochloromethane

Concen: 21.473 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

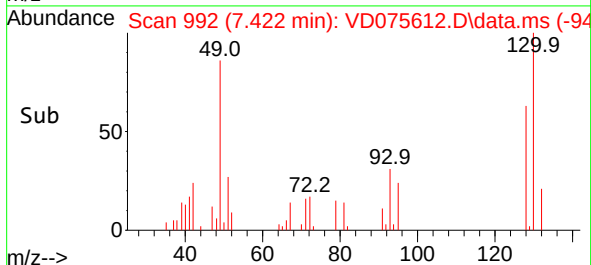
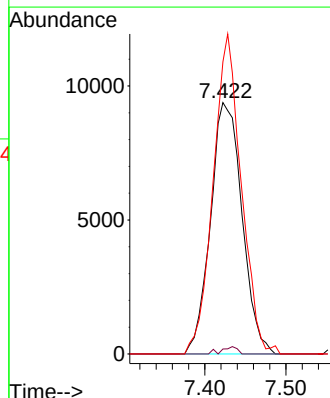
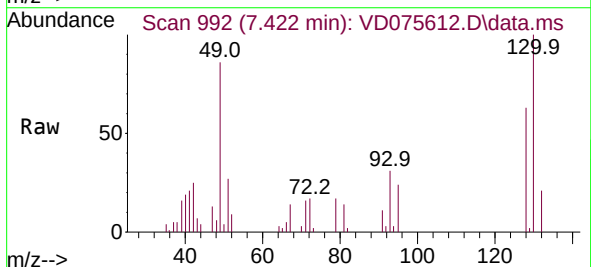
Tgt Ion: 49 Resp: 25298

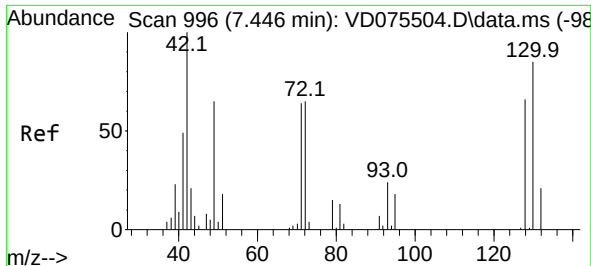
Ion Ratio Lower Upper

49 100

129 1.4 0.0 2.2

130 113.6 56.0 84.0#





#29

Tetrahydrofuran

Concen: 98.657 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

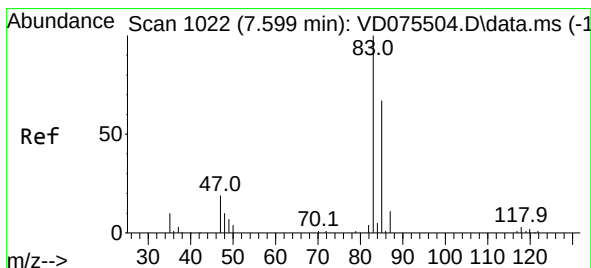
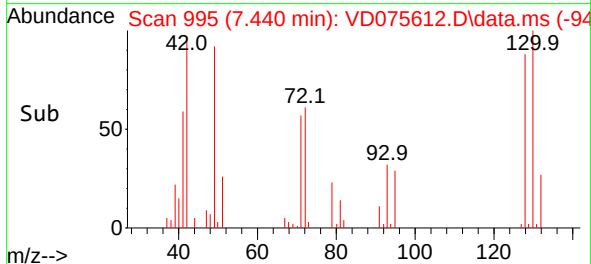
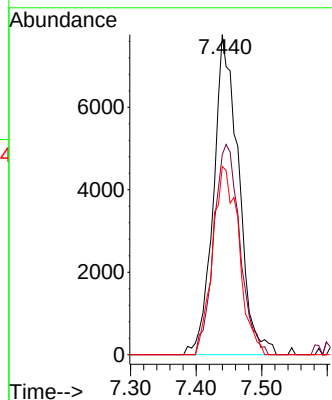
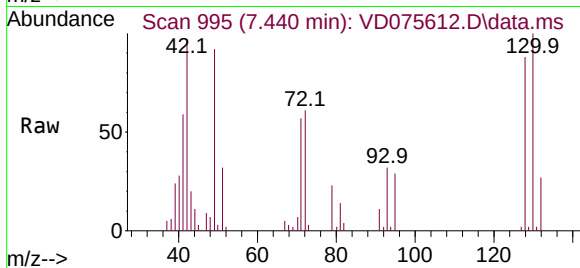
Tgt Ion: 42 Resp: 20620

Ion Ratio Lower Upper

42 100

72 68.2 31.8 47.6#

71 61.7 27.6 41.4#



#30

Chloroform

Concen: 21.145 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075612.D

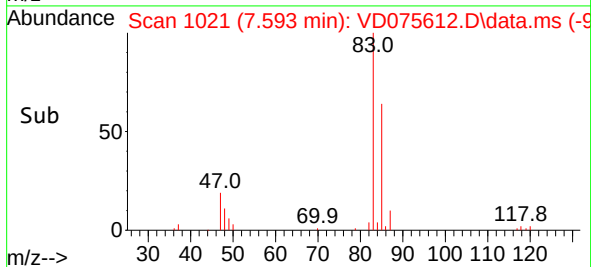
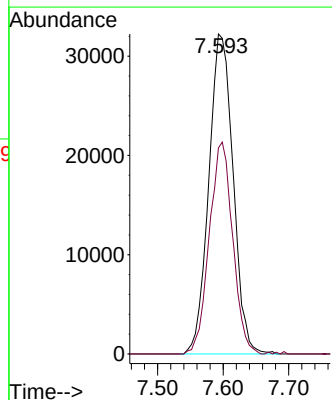
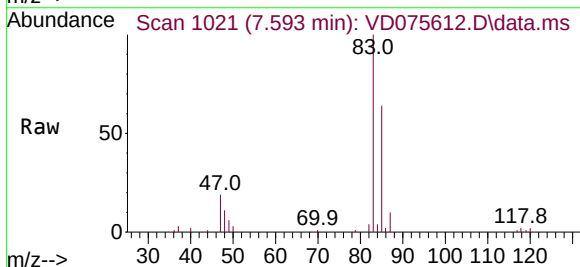
Acq: 10 Apr 2023 17:54

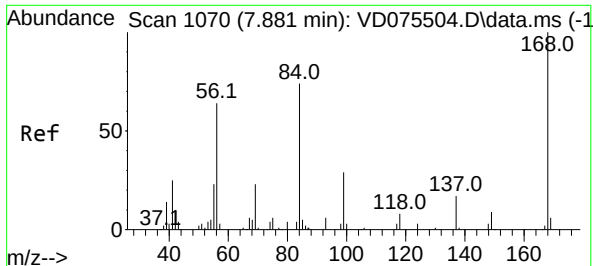
Tgt Ion: 83 Resp: 82943

Ion Ratio Lower Upper

83 100

85 64.4 49.4 74.2

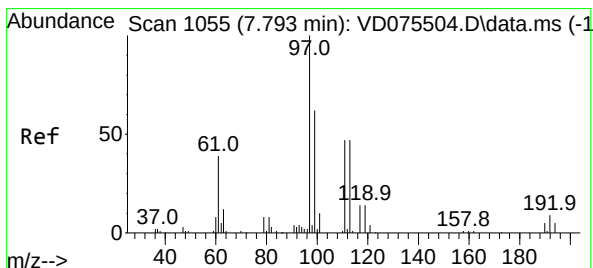
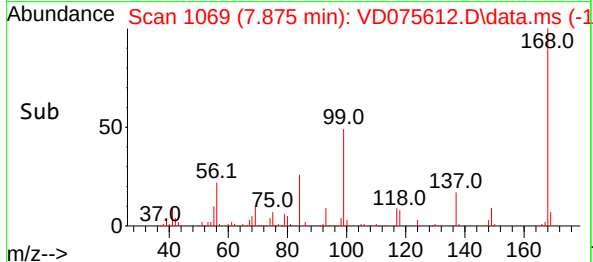
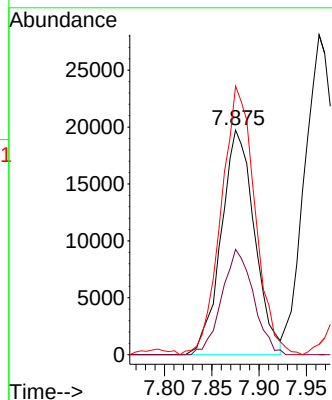
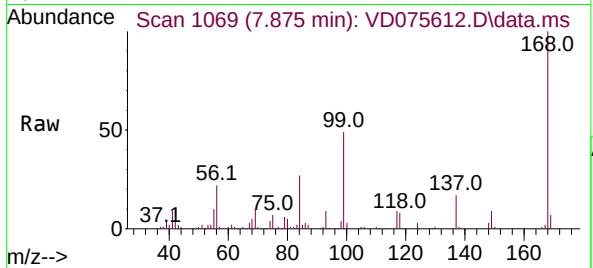




#31
Cyclohexane
Concen: 19.917 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

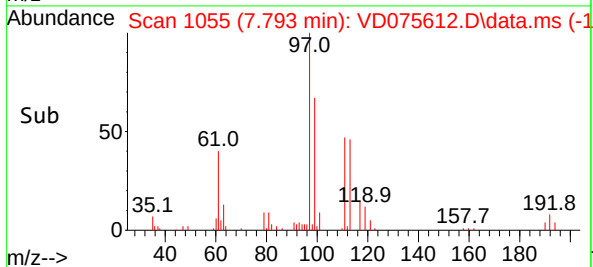
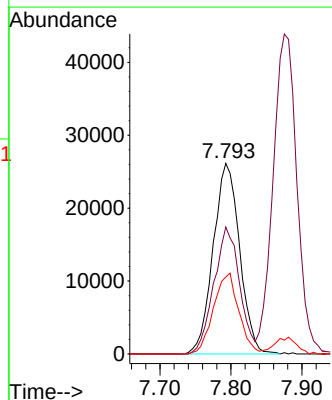
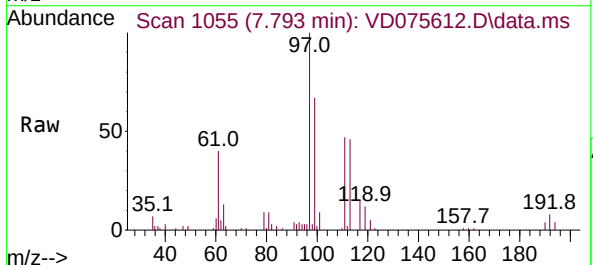
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

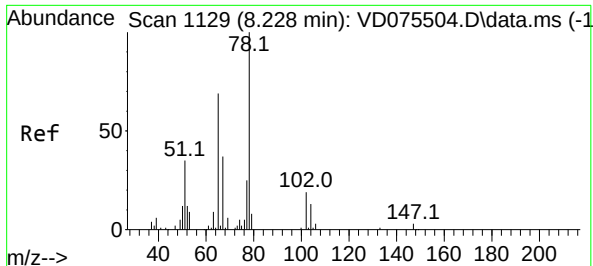
Tgt Ion: 56 Resp: 48364
Ion Ratio Lower Upper
56 100
69 46.9 25.5 38.3#
84 119.6 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 20.707 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 97 Resp: 67594
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 40.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 20.918 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

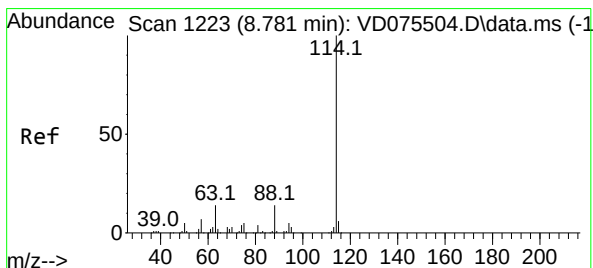
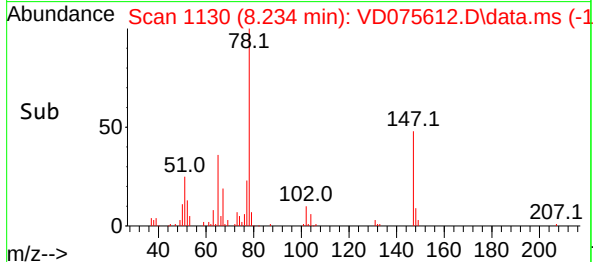
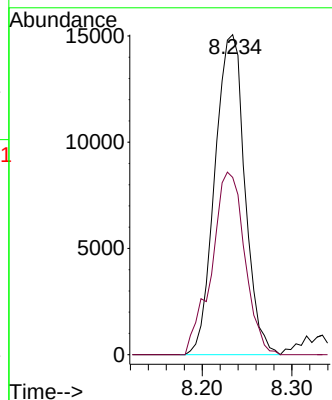
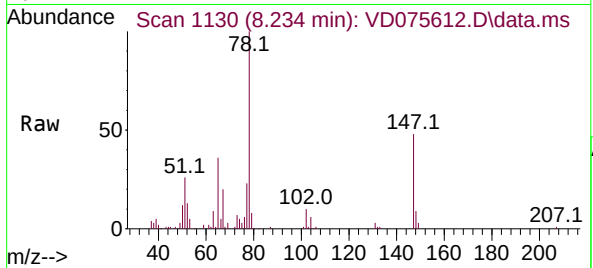
VSTDIC020

Tgt Ion: 65 Resp: 34913

Ion Ratio Lower Upper

65 100

67 63.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

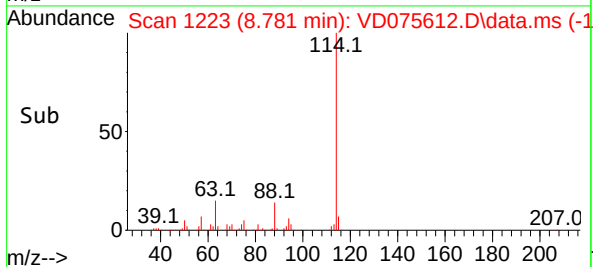
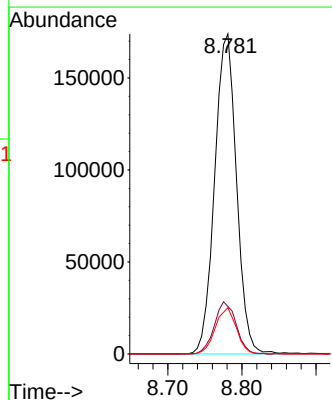
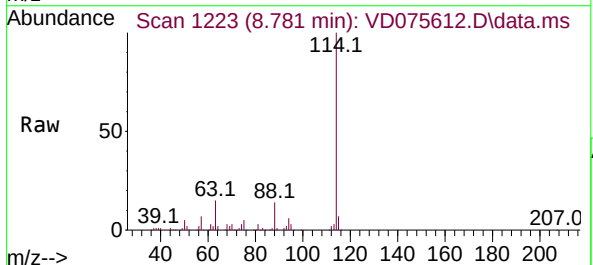
Tgt Ion: 114 Resp: 355699

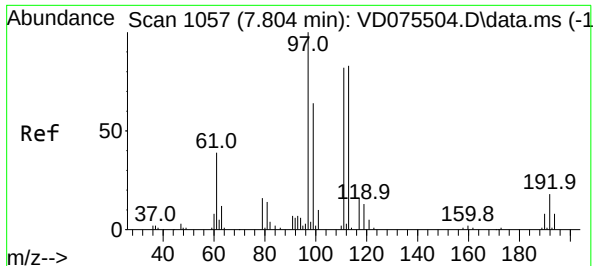
Ion Ratio Lower Upper

114 100

63 14.8 0.0 41.6

88 14.4 0.0 30.6

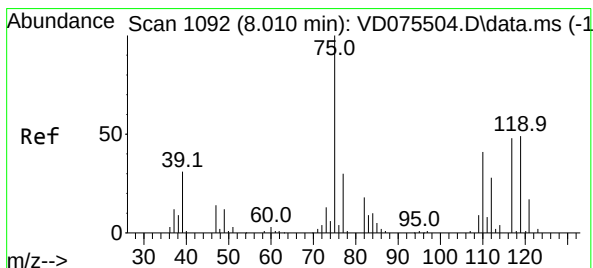
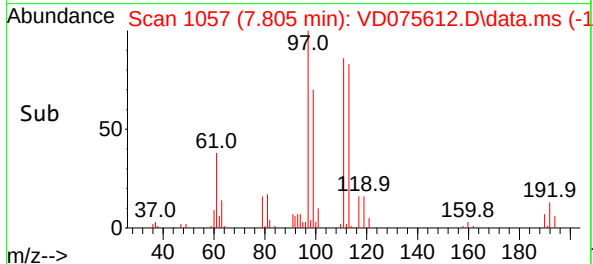
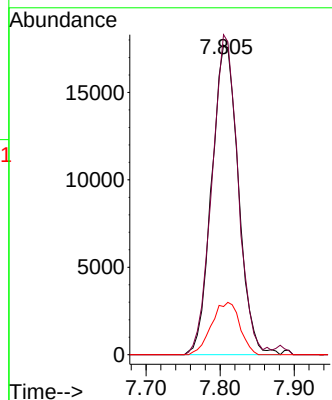
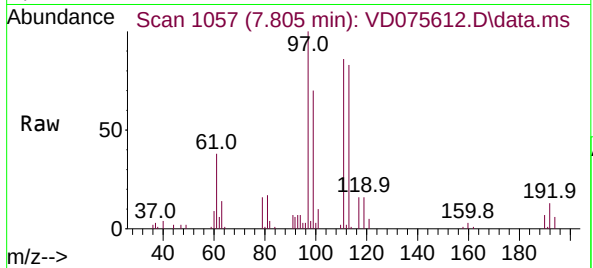




#35
Dibromofluoromethane
Concen: 21.275 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

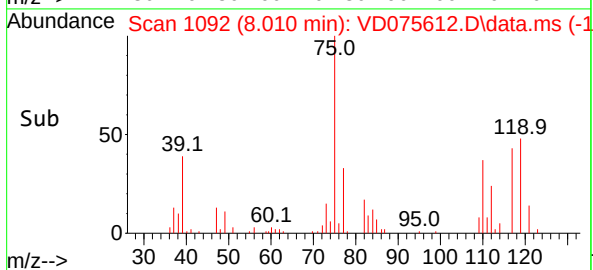
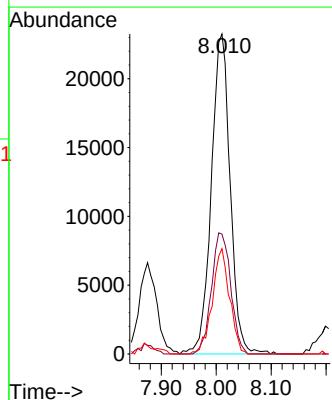
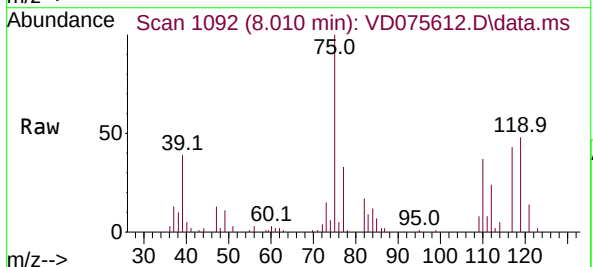
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

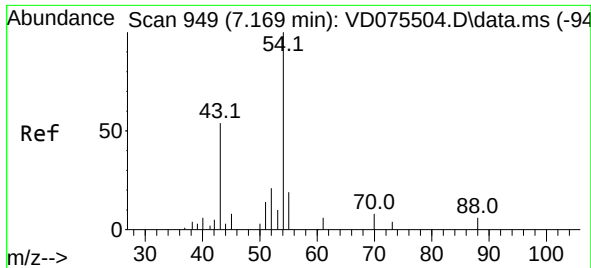
Tgt Ion:113 Resp: 44350
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.799 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 75 Resp: 55372
Ion Ratio Lower Upper
75 100
110 38.7 17.1 51.2
77 30.2 24.6 36.8





#37

Ethyl Acetate

Concen: 22.608 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

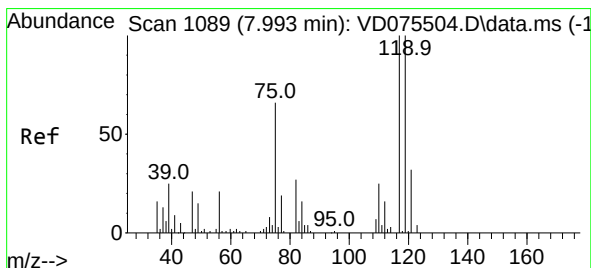
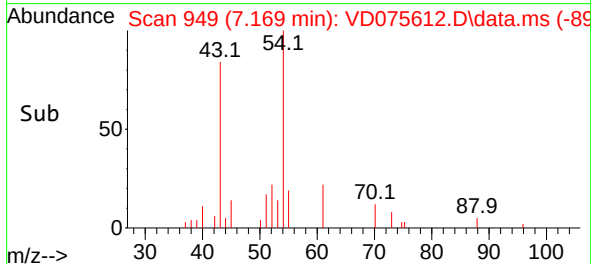
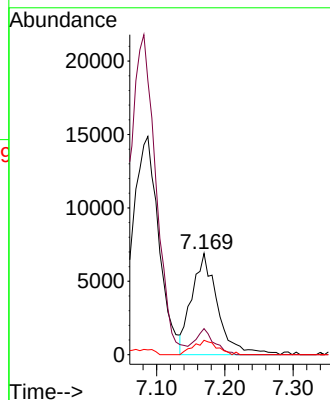
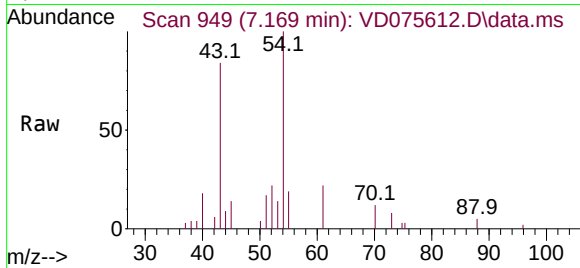
Tgt Ion: 43 Resp: 18096

Ion Ratio Lower Upper

43 100

61 18.3 0.0 0.0#

70 12.9 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 21.239 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

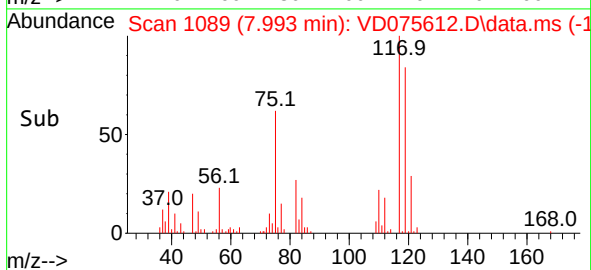
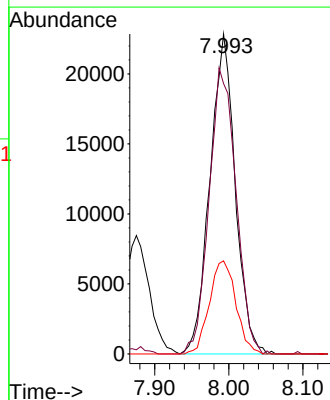
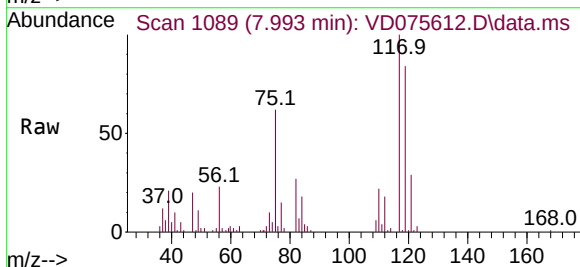
Tgt Ion: 117 Resp: 54225

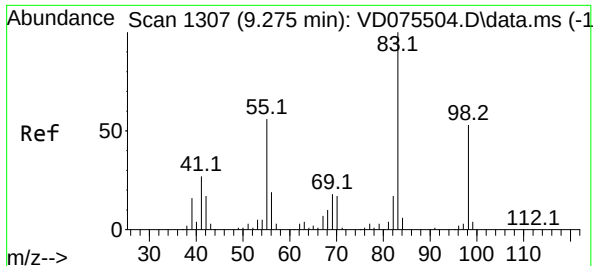
Ion Ratio Lower Upper

117 100

119 84.5 74.7 112.1

121 29.1 25.9 38.9





#39

Methylcyclohexane

Concen: 19.104 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

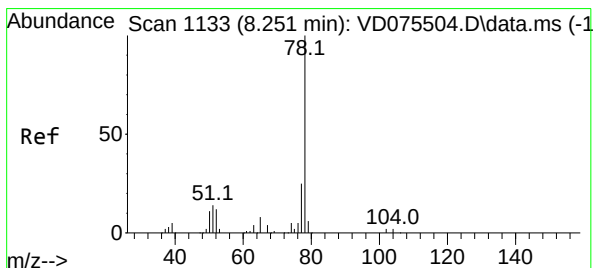
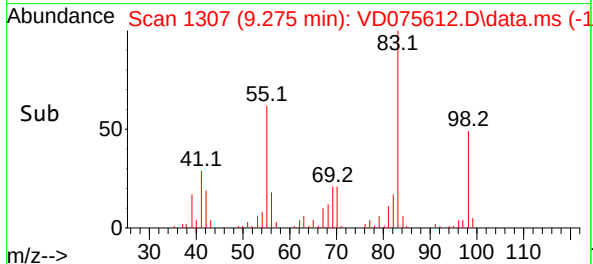
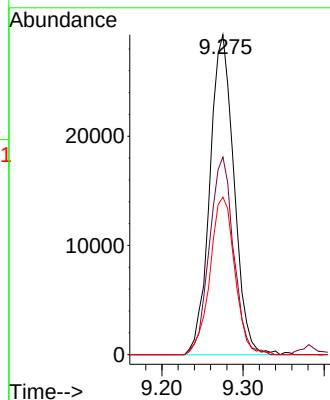
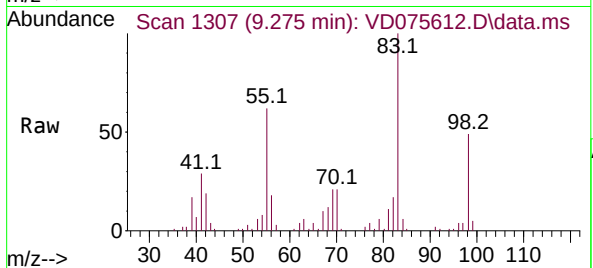
Tgt Ion: 83 Resp: 60564

Ion Ratio Lower Upper

83 100

55 61.8 56.8 85.2

98 49.3 38.9 58.3



#40

Benzene

Concen: 21.309 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075612.D

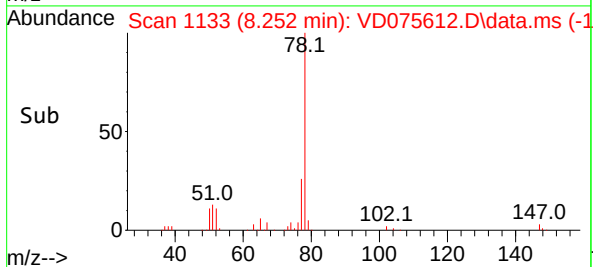
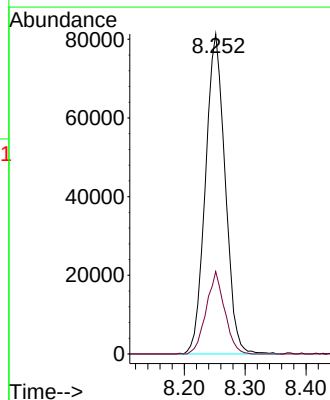
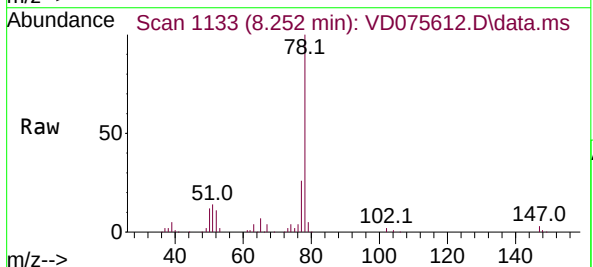
Acq: 10 Apr 2023 17:54

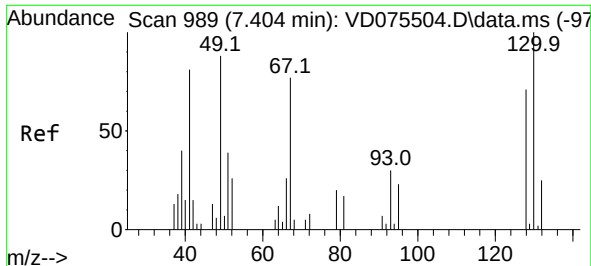
Tgt Ion: 78 Resp: 182802

Ion Ratio Lower Upper

78 100

77 25.8 19.1 28.7



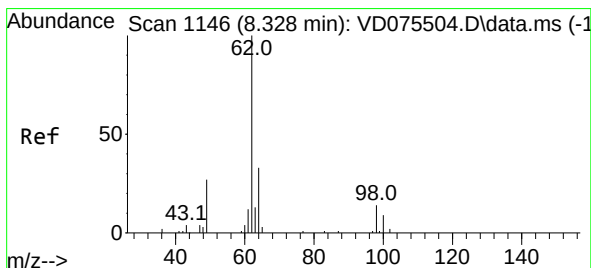
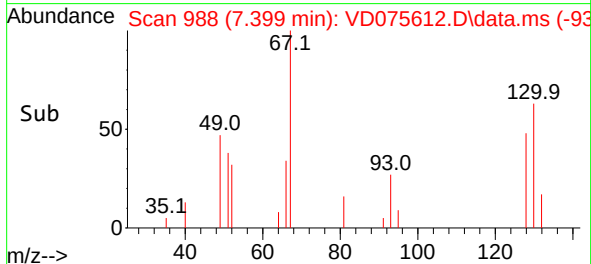
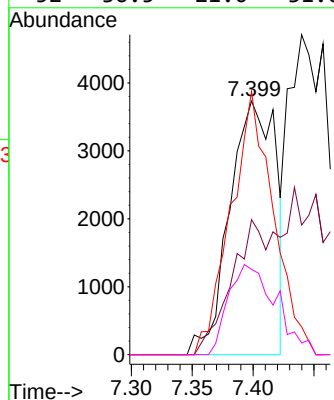
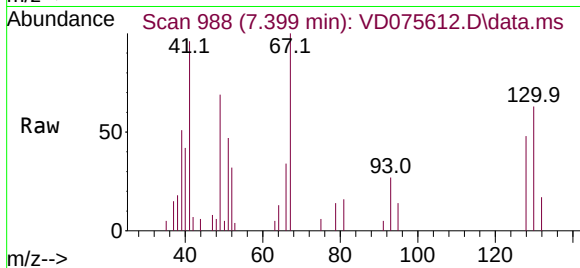


#41
Methacrylonitrile
Concen: 22.437 ug/l
RT: 7.399 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 9835

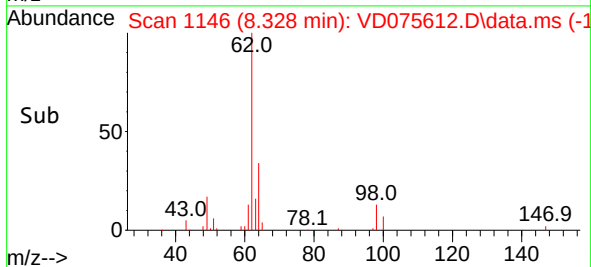
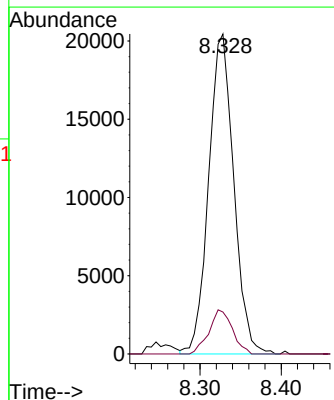
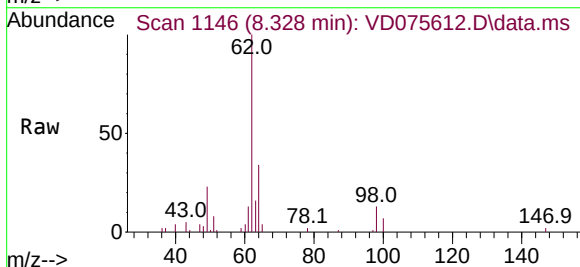
Ion	Ratio	Lower	Upper
41	100		
39	39.3	45.3	67.9#
67	95.9	50.5	75.7#
52	36.5	21.0	31.6#

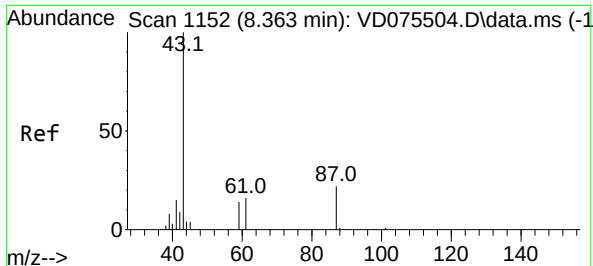


#42
1,2-Dichloroethane
Concen: 22.008 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 62 Resp: 43867

Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	18.8





#43

Isopropyl Acetate

Concen: 21.032 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

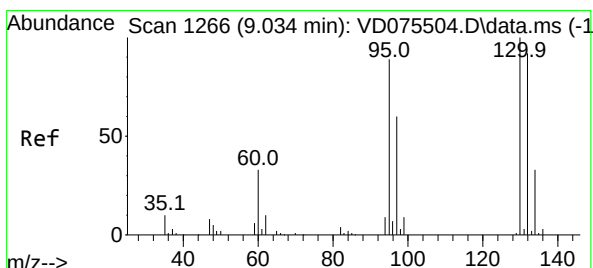
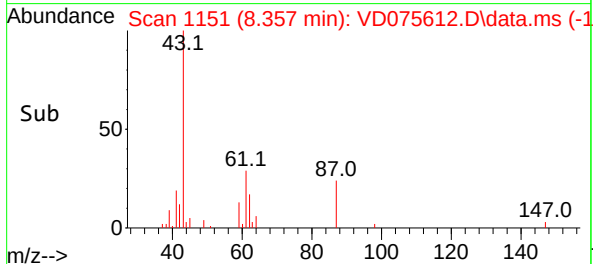
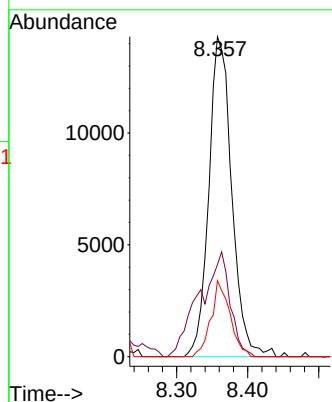
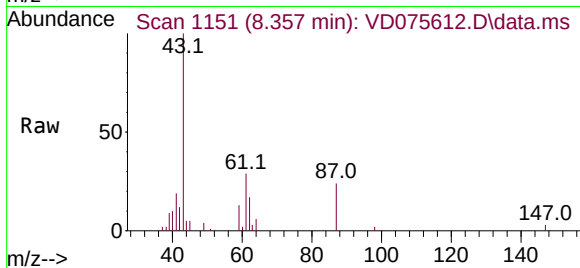
Tgt Ion: 43 Resp: 32137

Ion Ratio Lower Upper

43 100

61 43.8 23.4 35.0#

87 19.7 9.5 14.3#



#44

Trichloroethene

Concen: 19.637 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075612.D

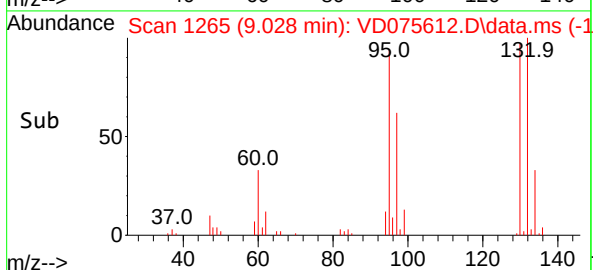
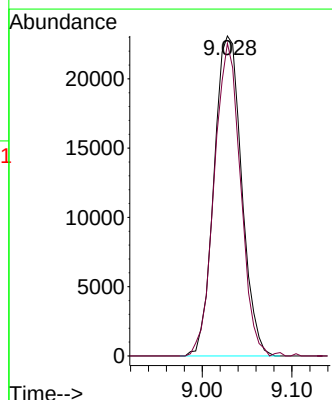
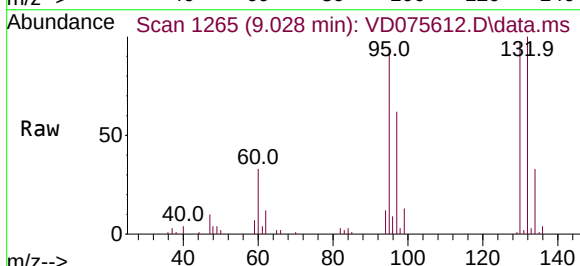
Acq: 10 Apr 2023 17:54

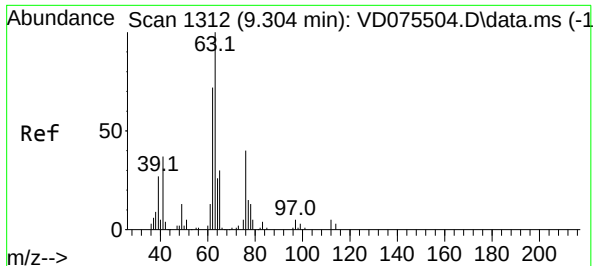
Tgt Ion:130 Resp: 49342

Ion Ratio Lower Upper

130 100

95 97.7 0.0 197.6





#45

1,2-Dichloropropane

Concen: 20.958 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

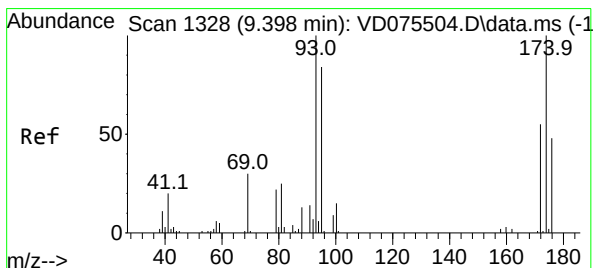
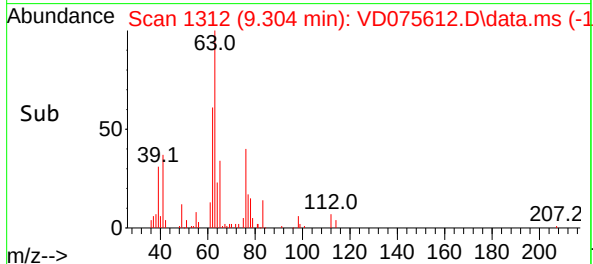
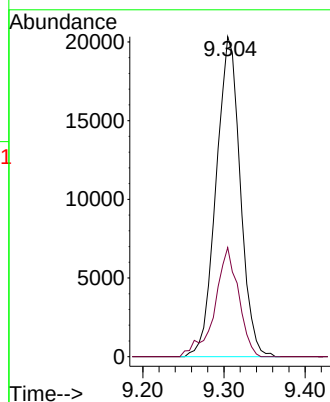
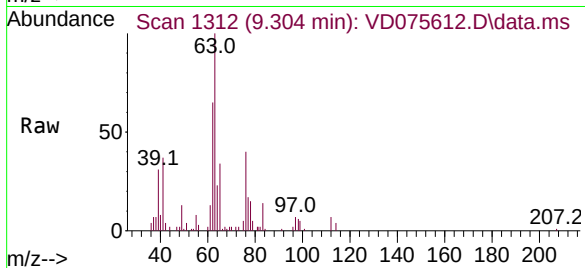
VSTDICC020

Tgt Ion: 63 Resp: 41942

Ion Ratio Lower Upper

63 100

65 34.1 23.0 34.4



#46

Dibromomethane

Concen: 20.570 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

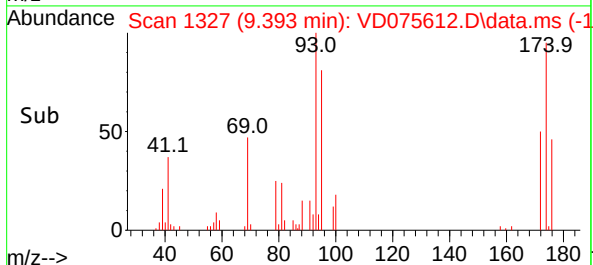
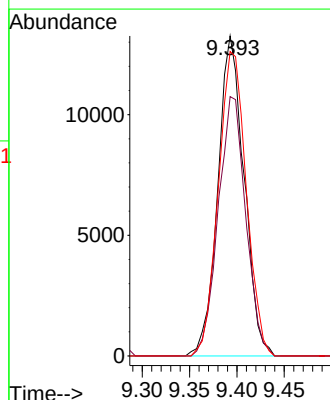
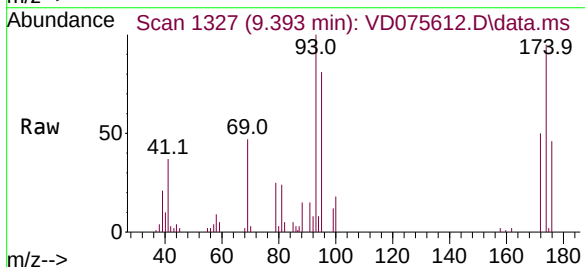
Tgt Ion: 93 Resp: 25559

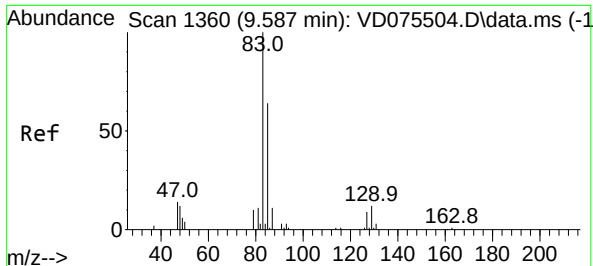
Ion Ratio Lower Upper

93 100

95 84.9 64.5 96.7

174 101.2 76.2 114.4

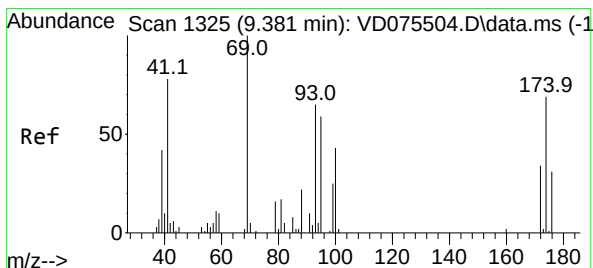
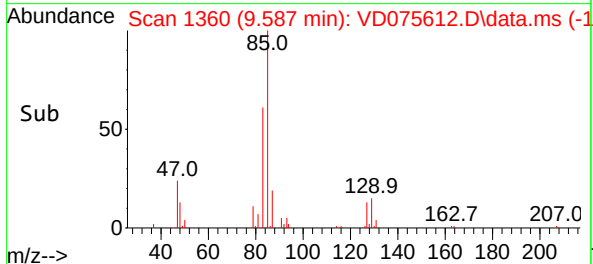
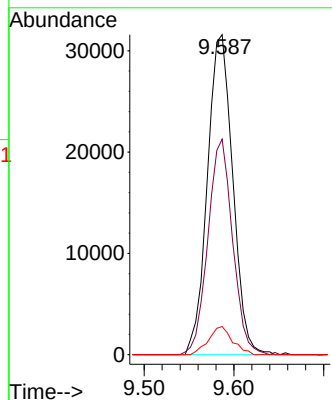
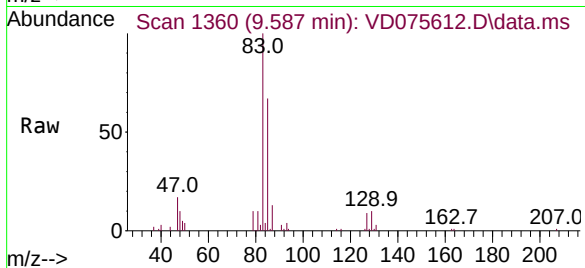




#47
Bromodichloromethane
Concen: 20.647 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

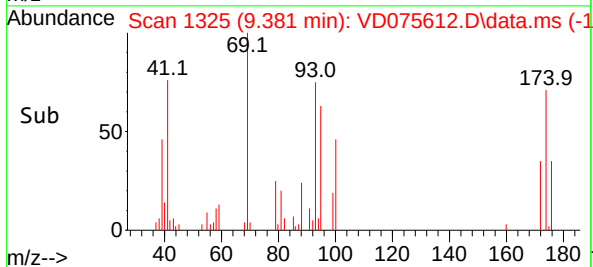
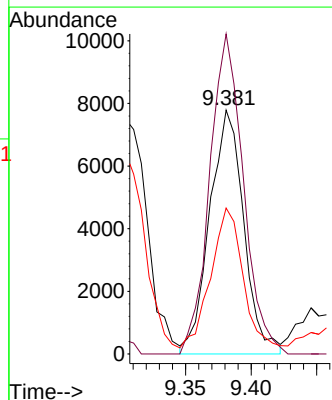
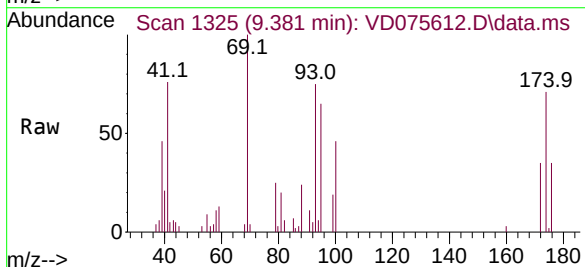
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

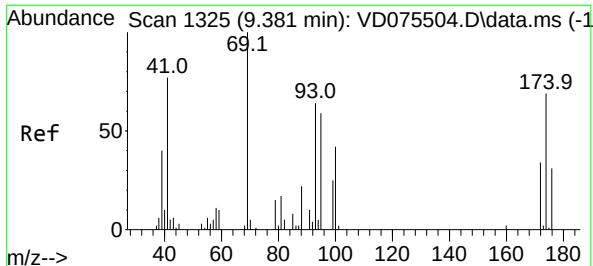
Tgt Ion: 83 Resp: 62039
Ion Ratio Lower Upper
83 100
85 67.4 53.7 80.5
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 20.330 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 41 Resp: 14078
Ion Ratio Lower Upper
41 100
69 129.7 58.6 88.0#
39 60.4 53.4 80.0





#49

1,4-Dioxane

Concen: 397.481 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

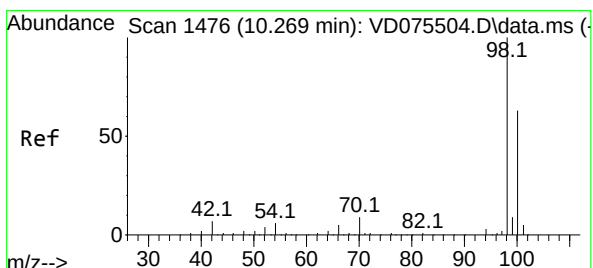
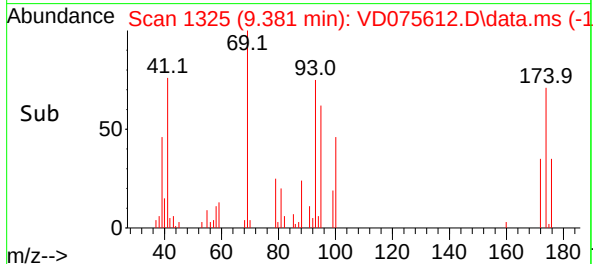
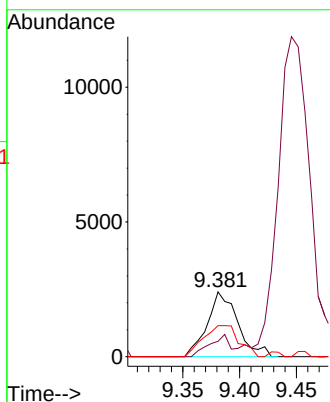
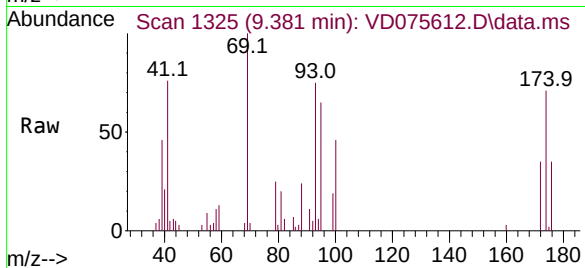
Tgt Ion: 88 Resp: 4477

Ion Ratio Lower Upper

88 100

43 24.2 34.6 51.8#

58 56.0 58.0 87.0#



#50

Toluene-d8

Concen: 19.214 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075612.D

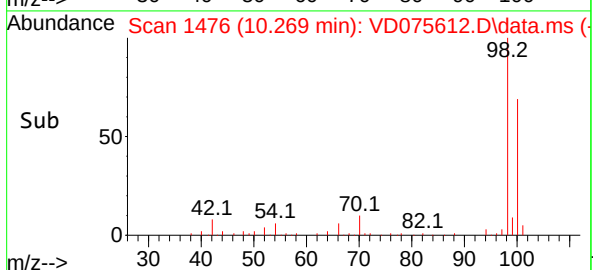
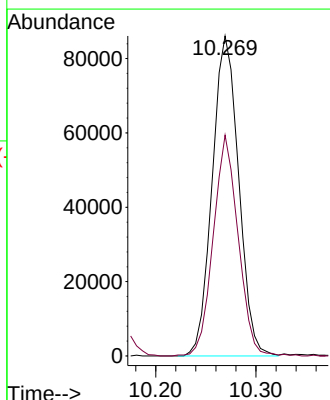
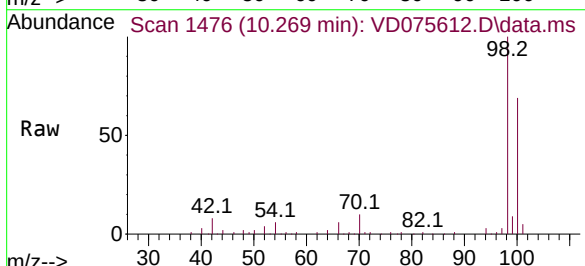
Acq: 10 Apr 2023 17:54

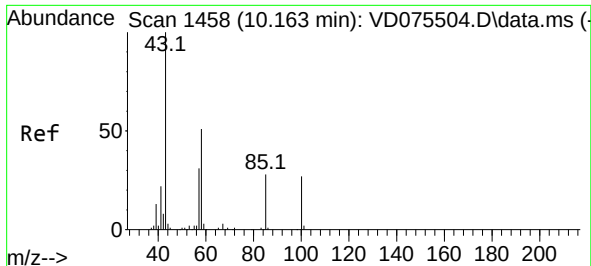
Tgt Ion: 98 Resp: 157105

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

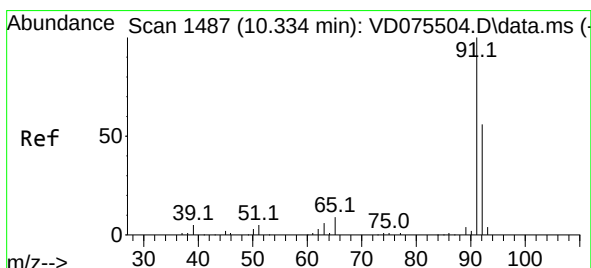
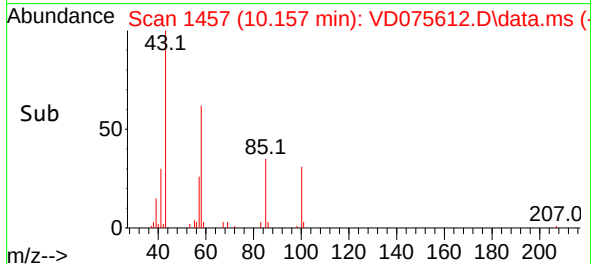
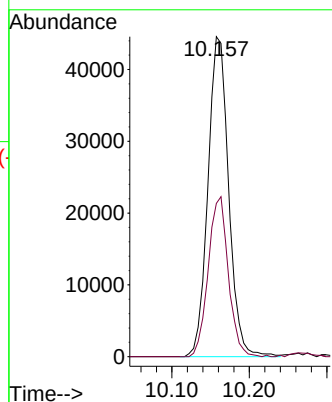
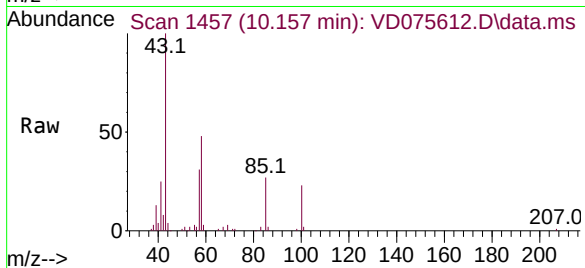




#51
4-Methyl-2-Pentanone
Concen: 100.606 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

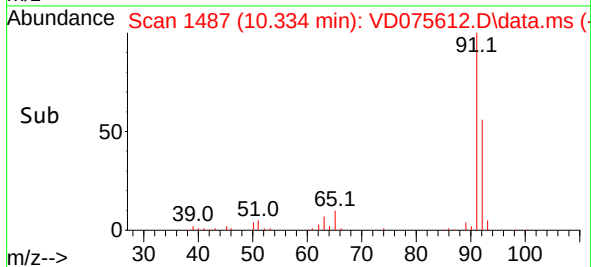
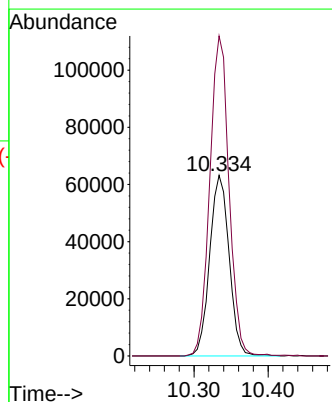
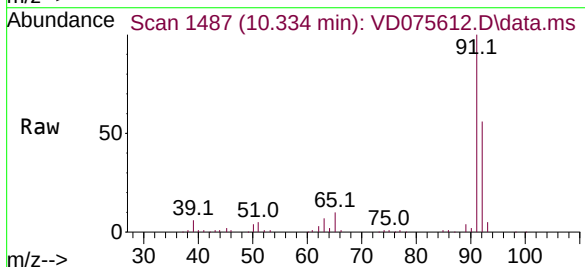
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

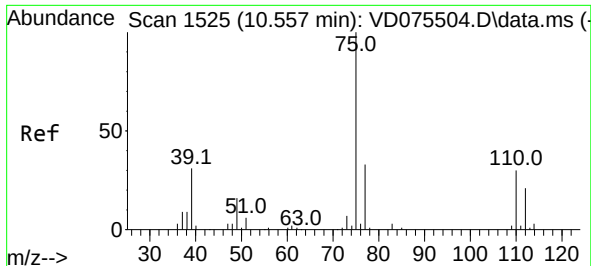
Tgt Ion: 43 Resp: 82753
Ion Ratio Lower Upper
43 100
58 48.5 29.5 44.3#



#52
Toluene
Concen: 19.874 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 92 Resp: 115149
Ion Ratio Lower Upper
92 100
91 175.3 136.5 204.7

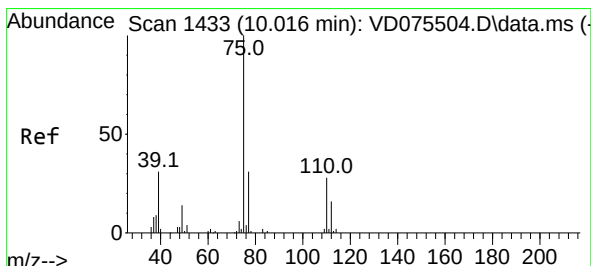
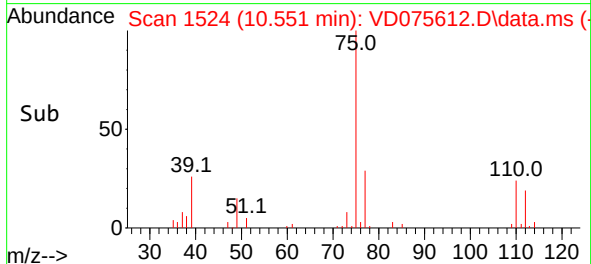
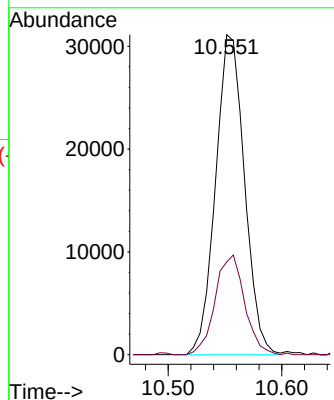
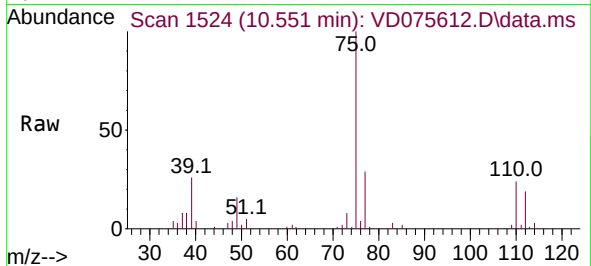




#53
 t-1,3-Dichloropropene
 Concen: 20.209 ug/l
 RT: 10.551 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD075612.D
 Acq: 10 Apr 2023 17:54

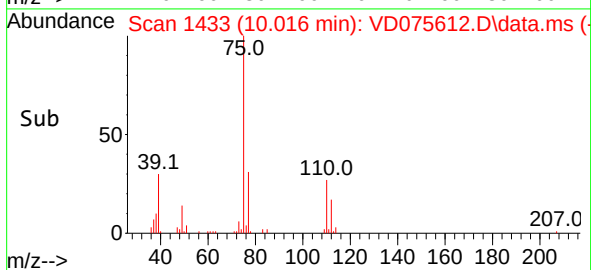
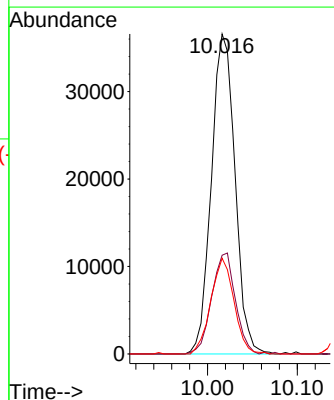
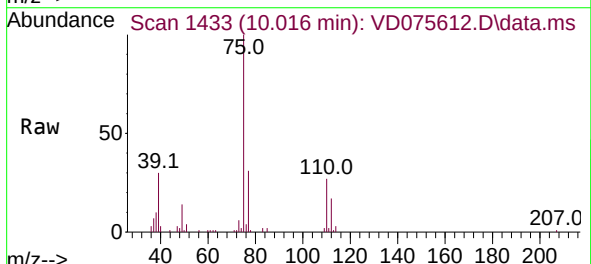
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

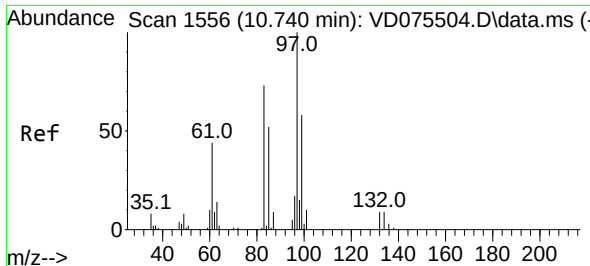
Tgt Ion: 75 Resp: 55042
 Ion Ratio Lower Upper
 75 100
 77 29.0 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.208 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075612.D
 Acq: 10 Apr 2023 17:54

Tgt Ion: 75 Resp: 66920
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4
 39 29.9 44.8 67.2#

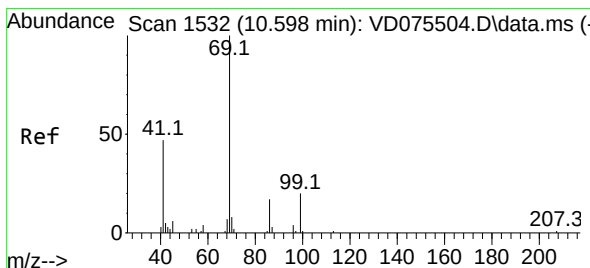
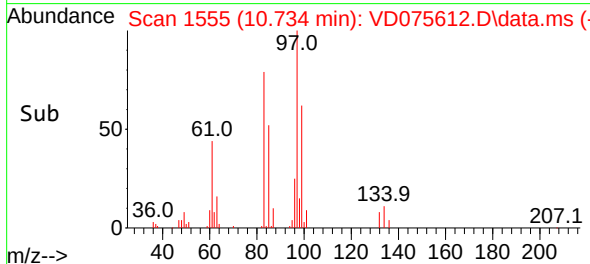
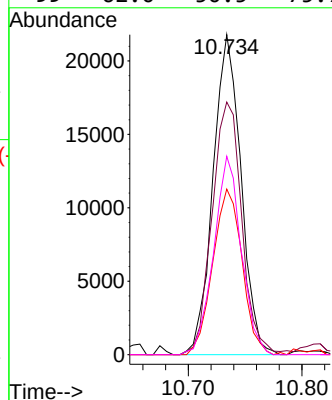
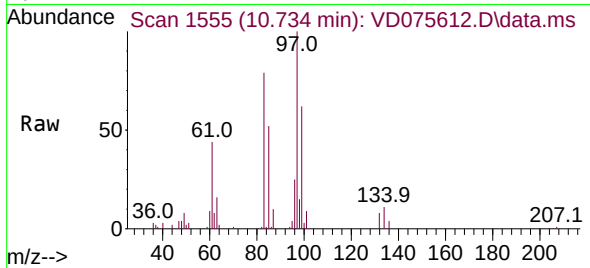




#55
1,1,2-Trichloroethane
Concen: 20.311 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

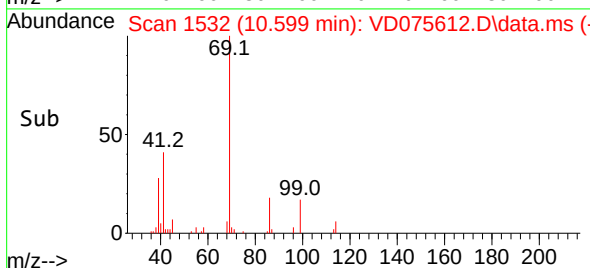
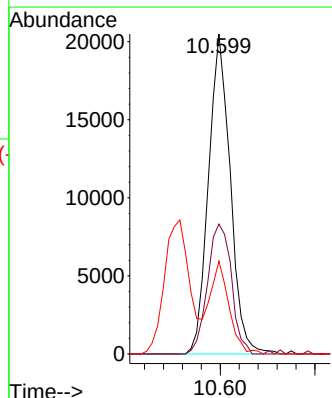
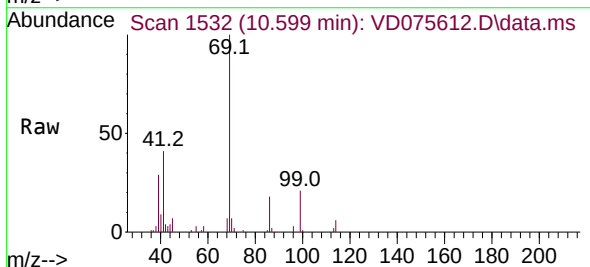
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

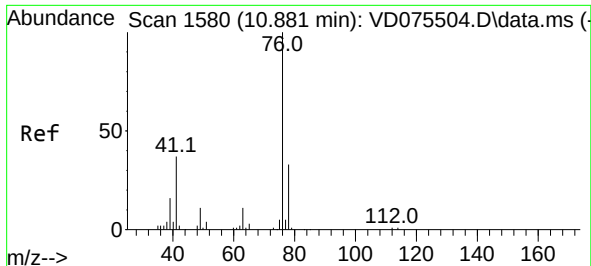
Tgt Ion: 97	Resp: 37216
Ion Ratio	Lower Upper
97 100	
83 78.9	74.2 111.4
85 51.8	45.4 68.0
99 62.0	50.5 75.7



#56
Ethyl methacrylate
Concen: 18.544 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 69	Resp: 32751
Ion Ratio	Lower Upper
69 100	
41 44.4	59.3 88.9#
39 25.3	36.0 54.0#





#57

1,3-Dichloropropane

Concen: 20.478 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

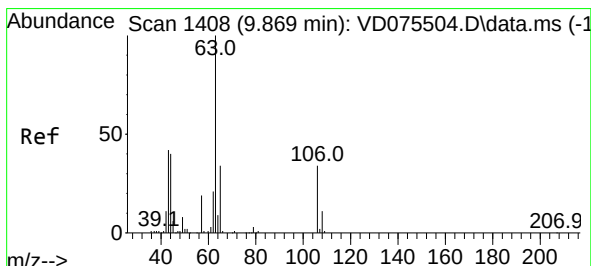
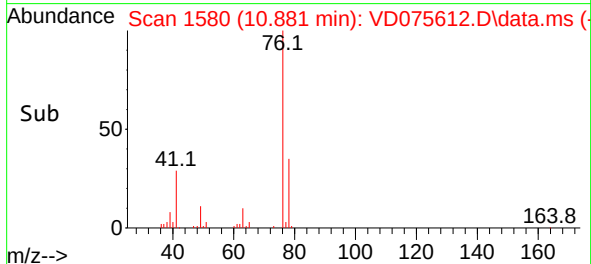
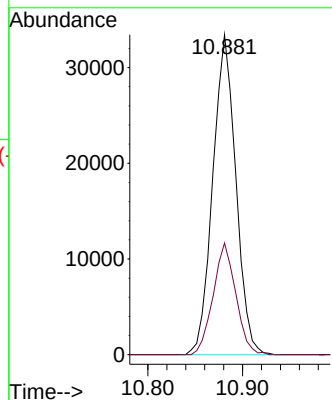
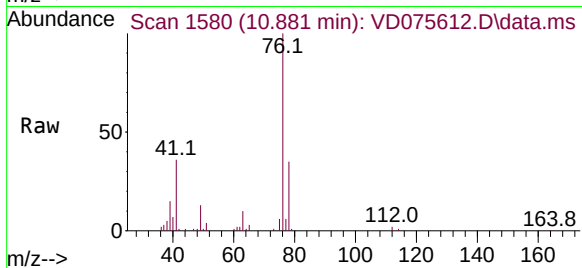
VSTDICC020

Tgt Ion: 76 Resp: 56497

Ion Ratio Lower Upper

76 100

78 34.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.184 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075612.D

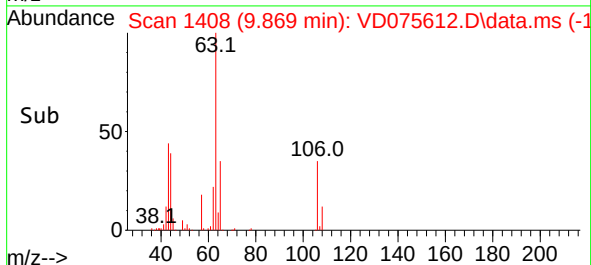
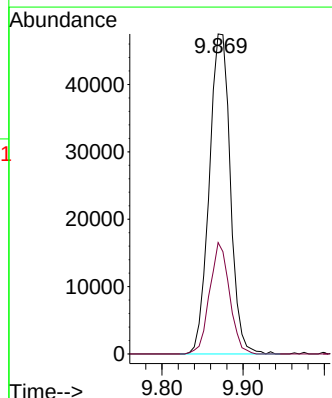
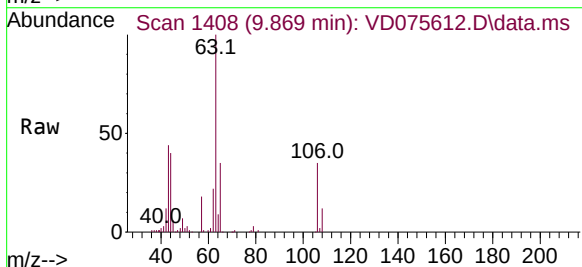
Acq: 10 Apr 2023 17:54

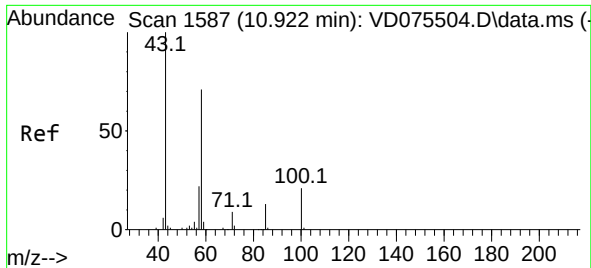
Tgt Ion: 63 Resp: 85547

Ion Ratio Lower Upper

63 100

106 32.8 21.4 32.2#

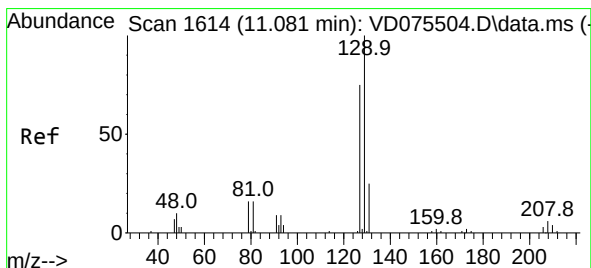
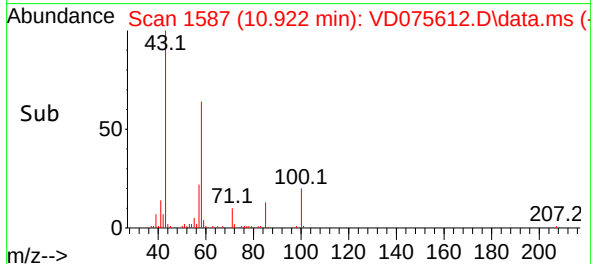
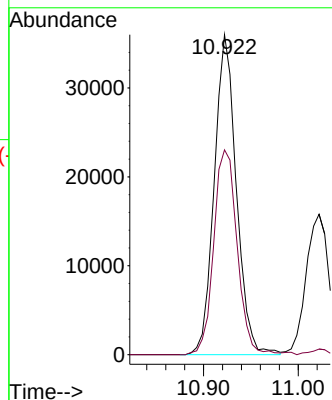
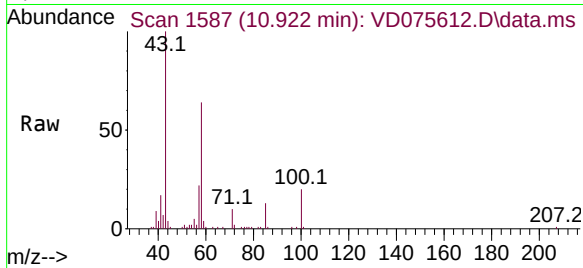




#59
2-Hexanone
Concen: 100.933 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

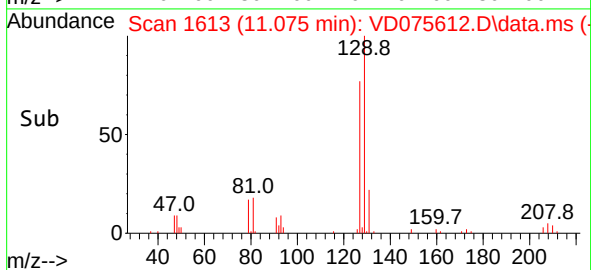
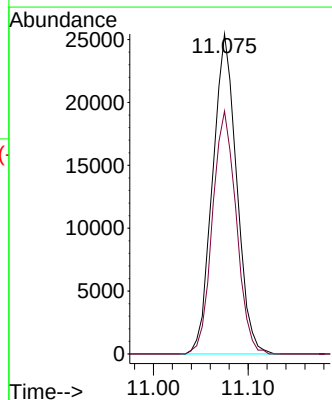
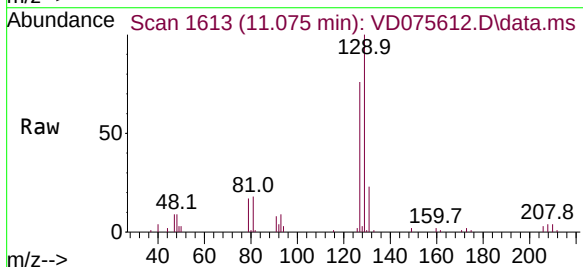
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

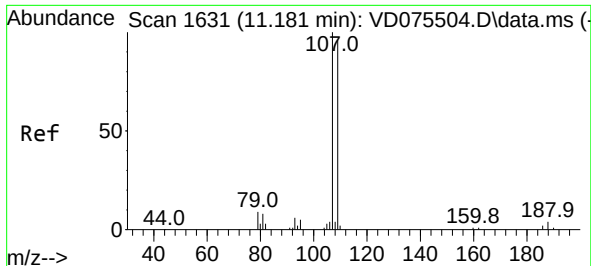
Tgt Ion: 43 Resp: 58488
Ion Ratio Lower Upper
43 100
58 68.0 25.3 75.8



#60
Dibromochloromethane
Concen: 20.520 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 129 Resp: 44892
Ion Ratio Lower Upper
129 100
127 75.1 38.1 114.5

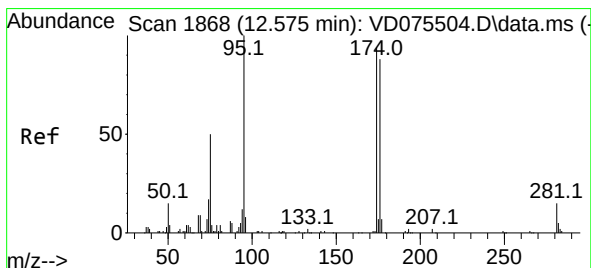
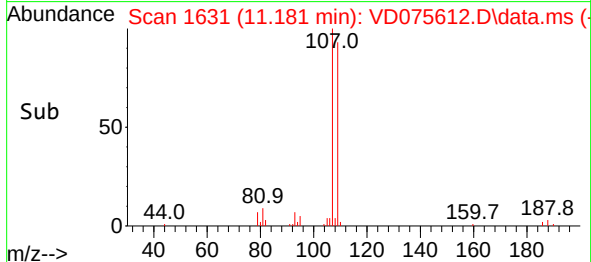
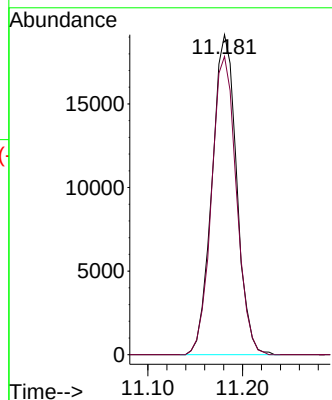
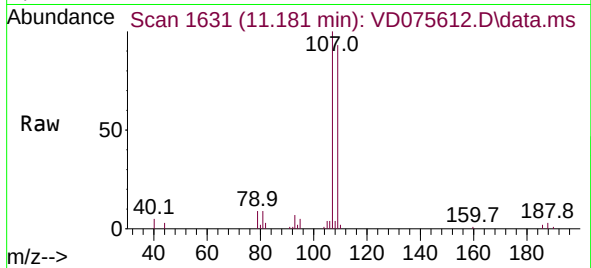




#61
1,2-Dibromoethane
Concen: 19.670 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

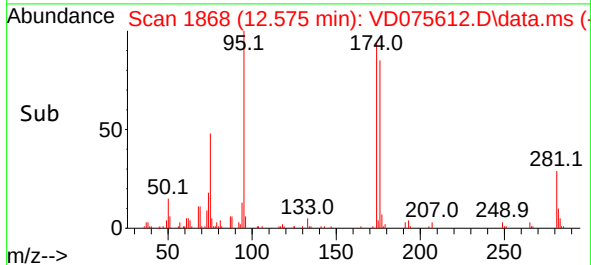
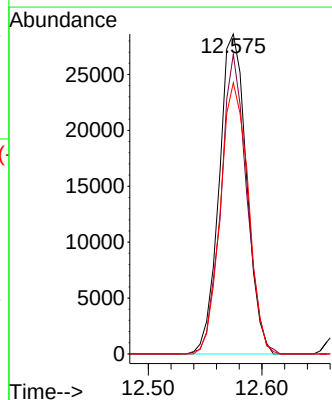
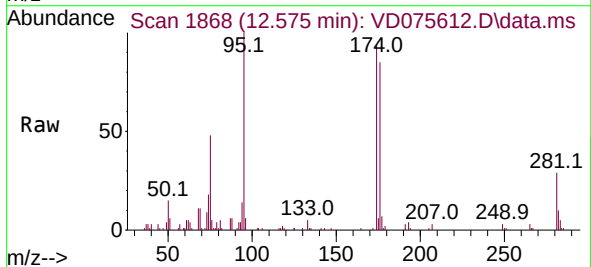
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

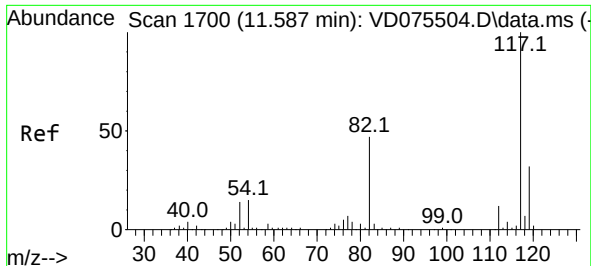
Tgt Ion:107 Resp: 34448
Ion Ratio Lower Upper
107 100
109 94.1 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 19.929 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 95 Resp: 47938
Ion Ratio Lower Upper
95 100
174 88.0 0.0 164.0
176 86.1 0.0 156.8

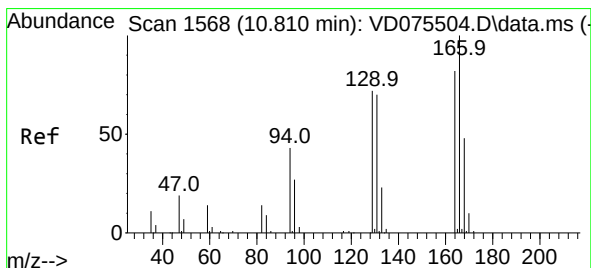
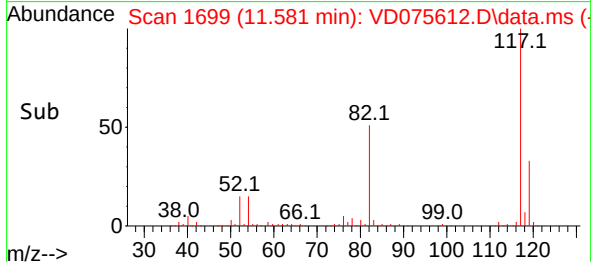
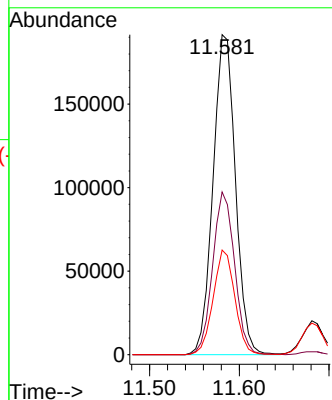
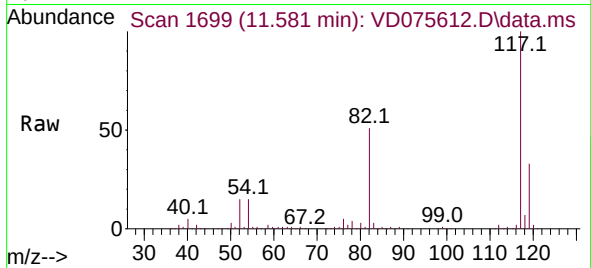




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

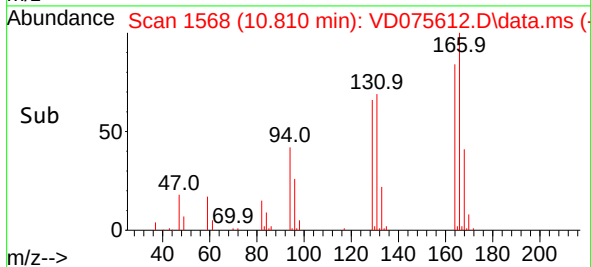
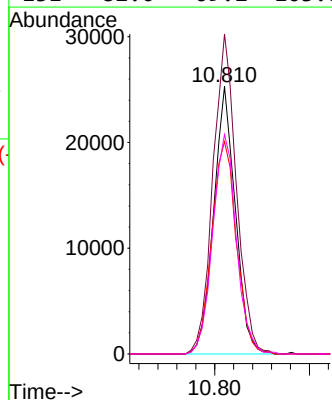
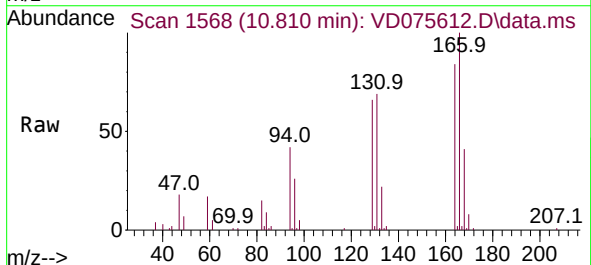
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

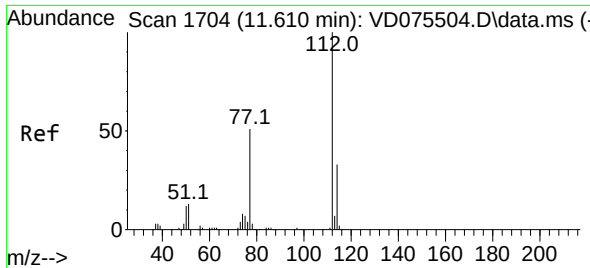
Tgt Ion:117 Resp: 332392
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 20.131 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion:164 Resp: 40247
Ion Ratio Lower Upper
164 100
166 119.6 94.9 142.3
129 79.4 73.0 109.6
131 82.0 69.2 103.8

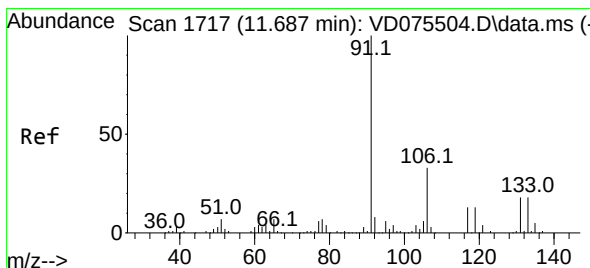
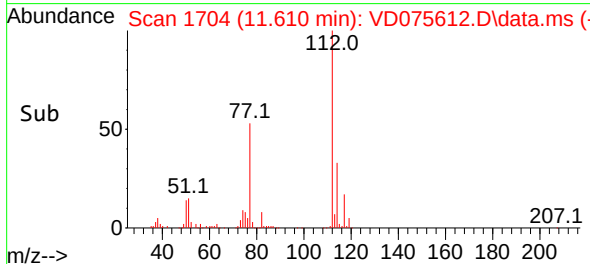
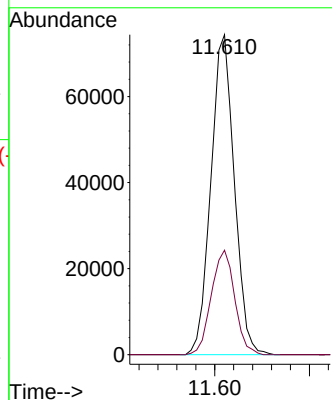
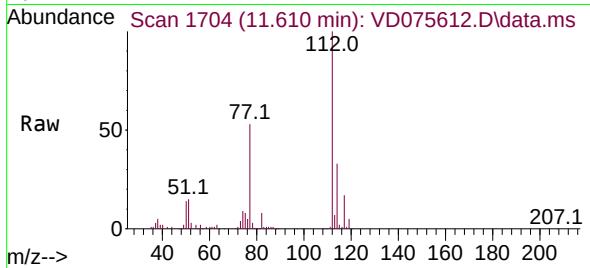




#65
Chlorobenzene
Concen: 19.837 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

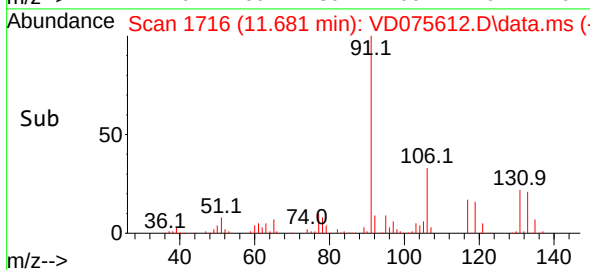
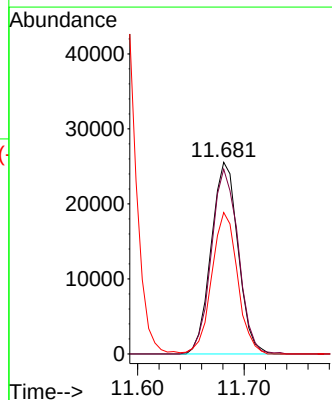
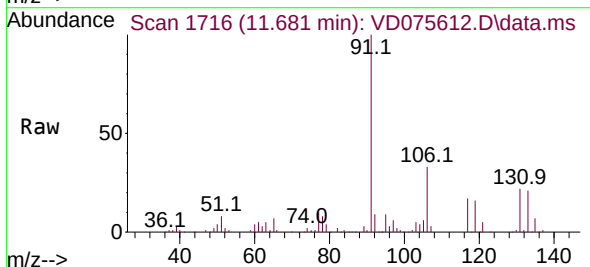
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

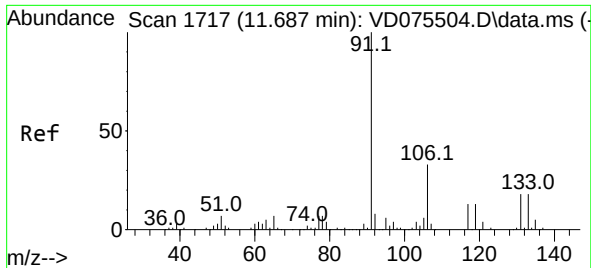
Tgt Ion:112 Resp: 127990
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.632 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion:131 Resp: 44794
Ion Ratio Lower Upper
131 100
133 96.9 46.7 140.0
119 70.9 31.9 95.9

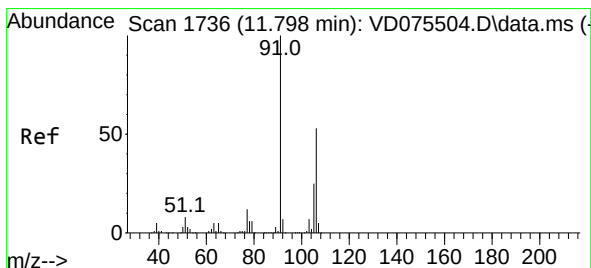
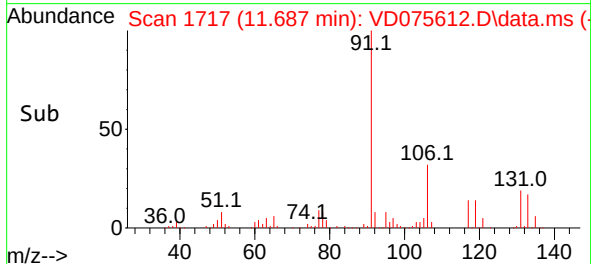
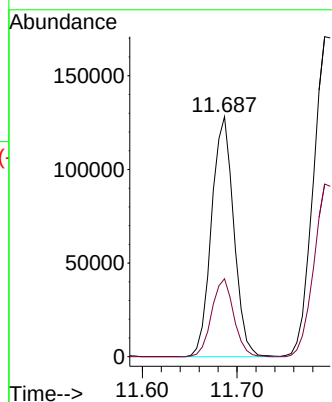
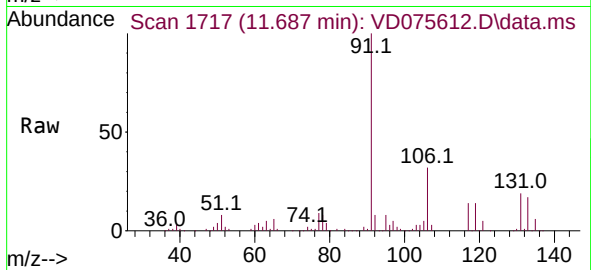




#67
Ethyl Benzene
Concen: 19.655 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

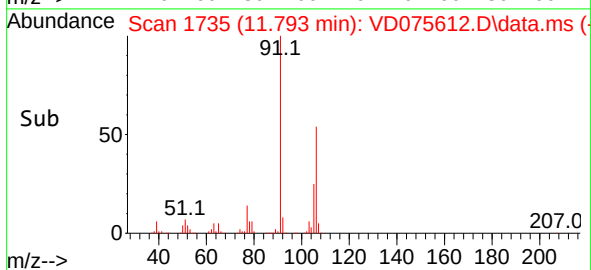
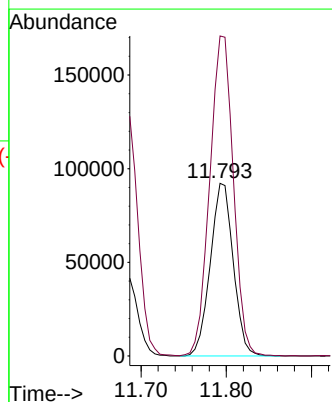
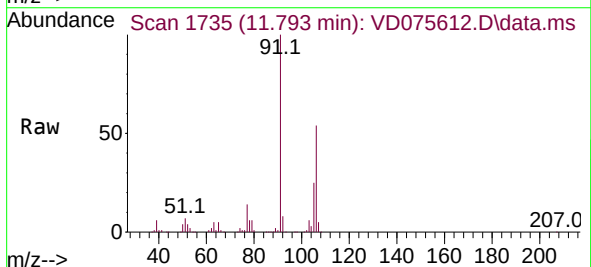
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

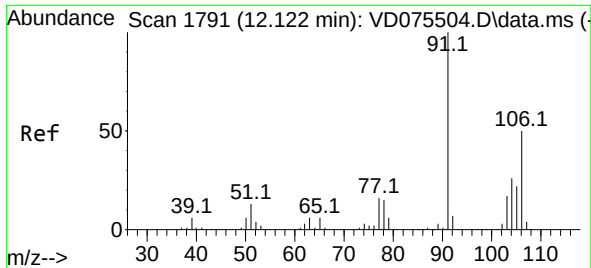
Tgt Ion: 91 Resp: 209239
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 39.290 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 106 Resp: 172274
Ion Ratio Lower Upper
106 100
91 190.9 161.5 242.3

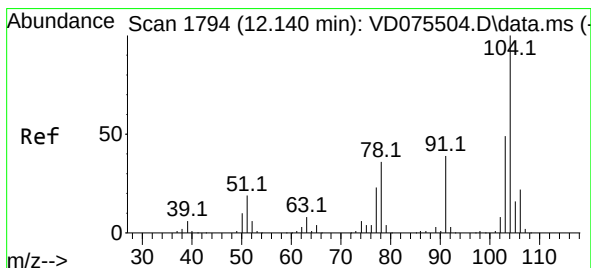
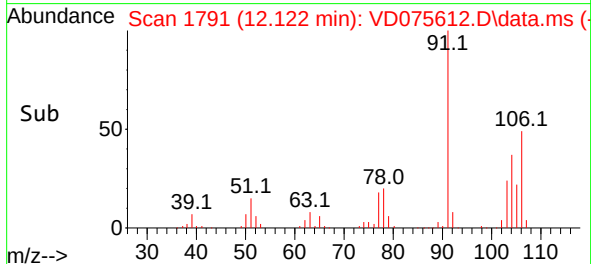
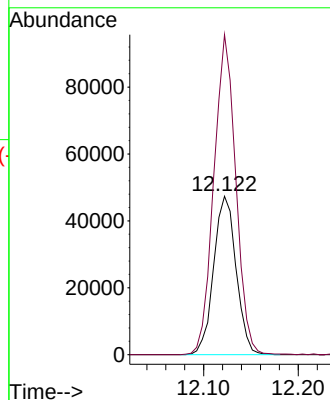
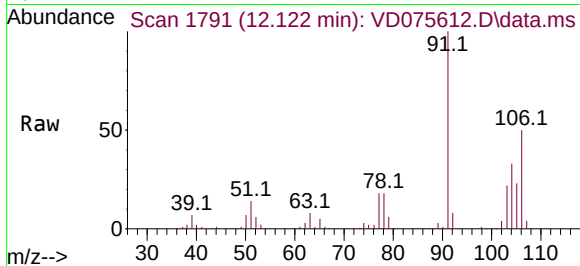




#69
o-Xylene
Concen: 19.773 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

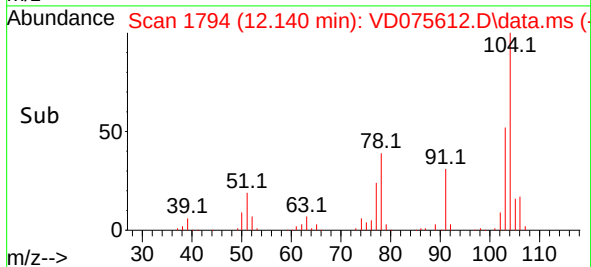
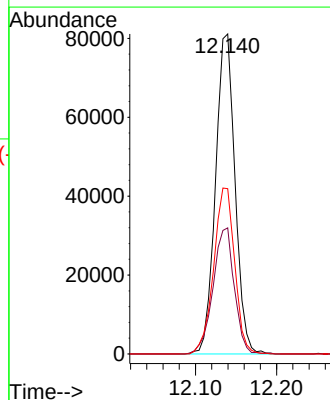
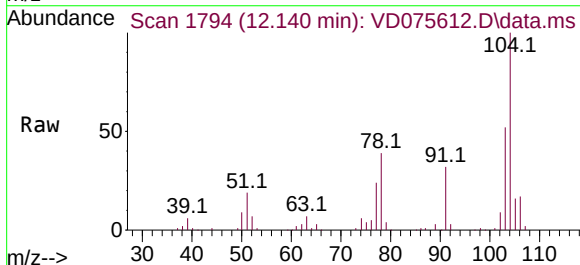
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

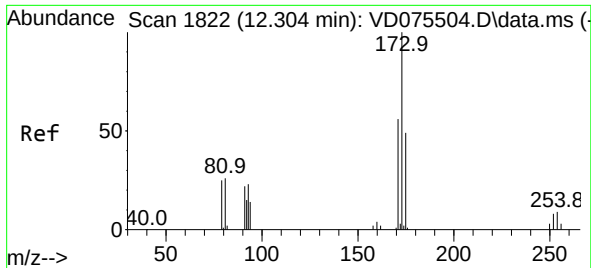
Tgt Ion:106 Resp: 78047
Ion Ratio Lower Upper
106 100
91 197.8 105.7 317.1



#70
Styrene
Concen: 20.059 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion:104 Resp: 135786
Ion Ratio Lower Upper
104 100
78 42.9 40.2 60.4
103 55.8 44.2 66.2

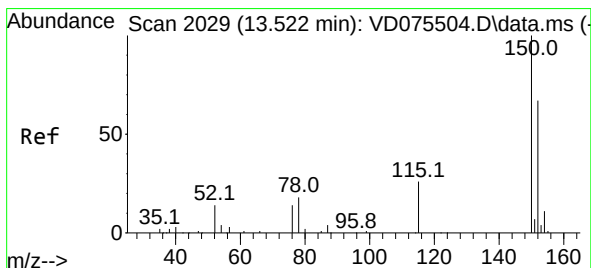
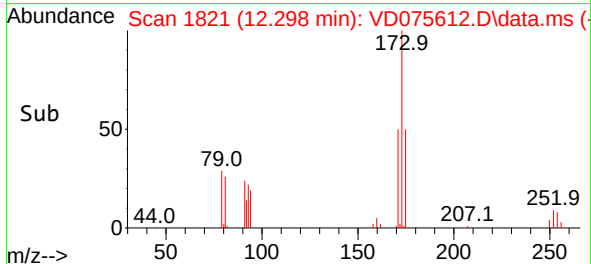
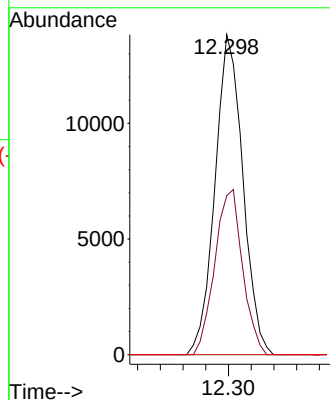
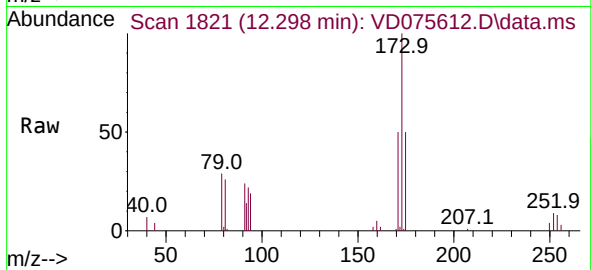




#71
Bromoform
Concen: 19.977 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

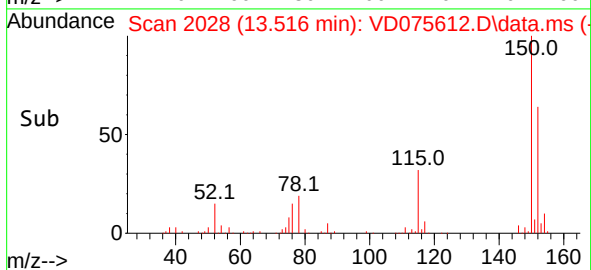
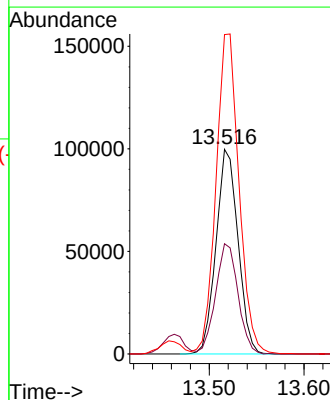
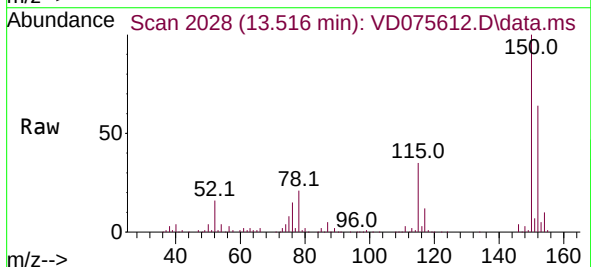
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

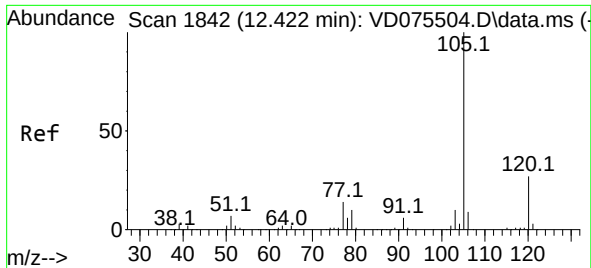
Tgt Ion:173 Resp: 23559
Ion Ratio Lower Upper
173 100
175 51.4 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion:152 Resp: 160941
Ion Ratio Lower Upper
152 100
115 54.9 30.1 90.3
150 163.5 0.0 364.8

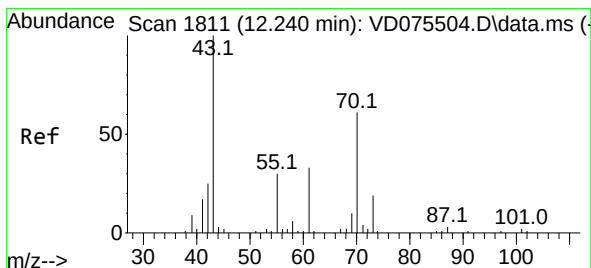
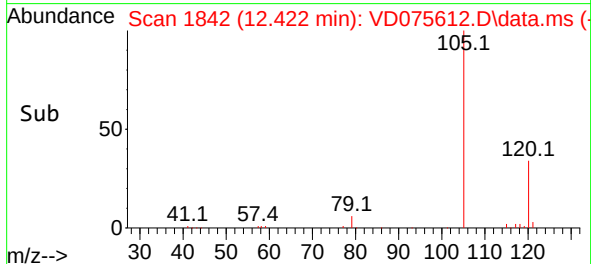
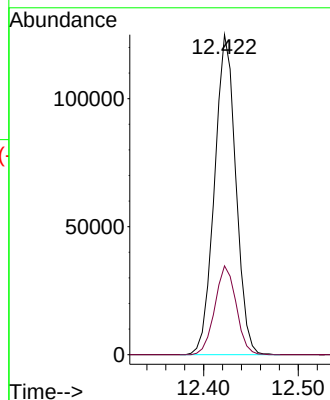
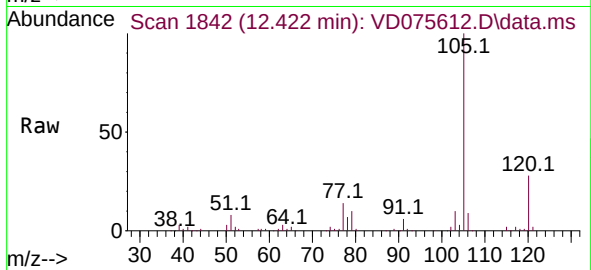




#73
Isopropylbenzene
Concen: 19.573 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

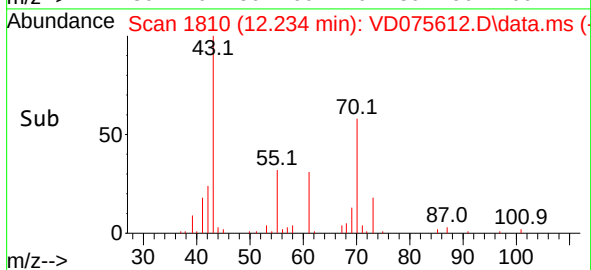
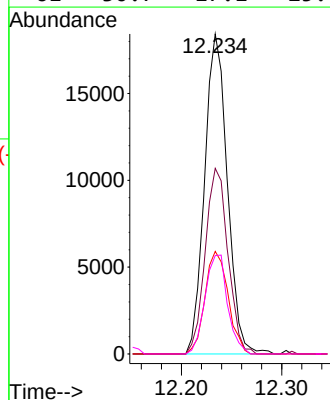
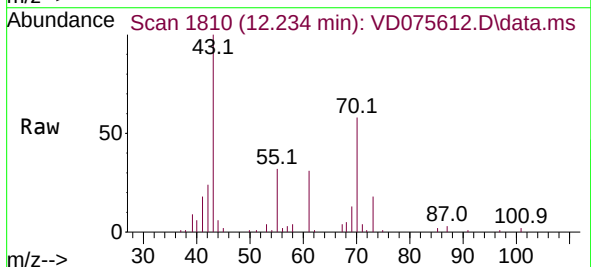
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

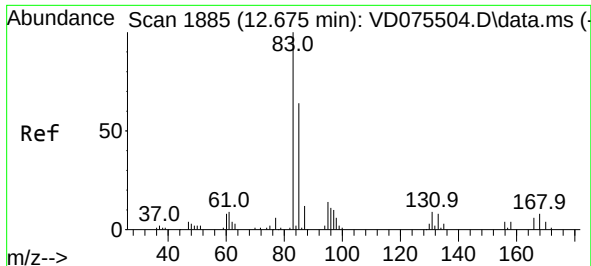
Tgt Ion:105 Resp: 195477
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 20.769 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 43 Resp: 29091
Ion Ratio Lower Upper
43 100
70 58.0 31.0 46.4#
55 32.6 18.6 28.0#
61 30.7 17.1 25.7#

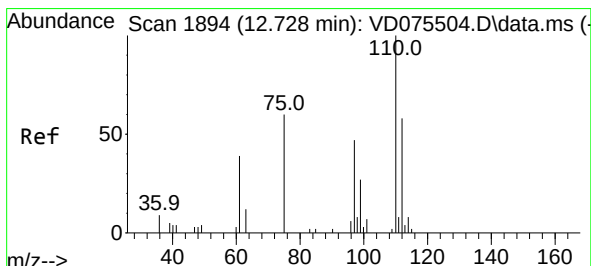
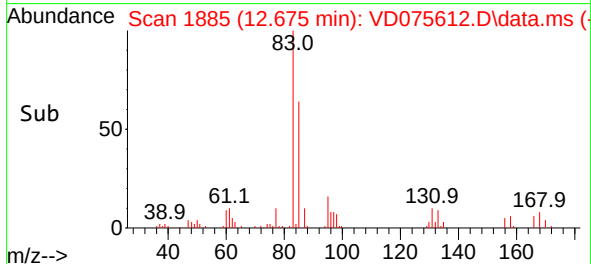
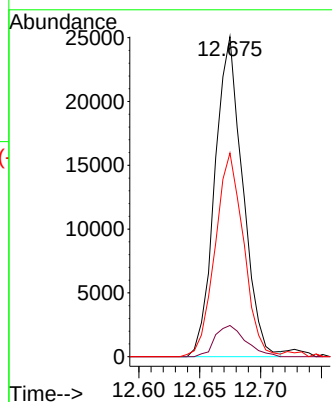
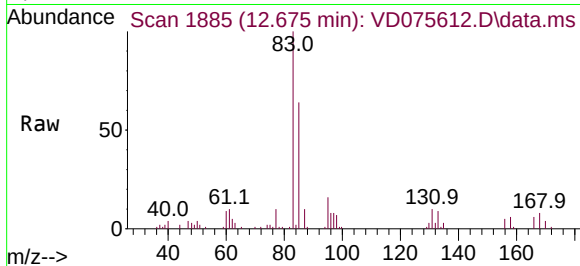




#75
1,1,2,2-Tetrachloroethane
Concen: 21.403 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

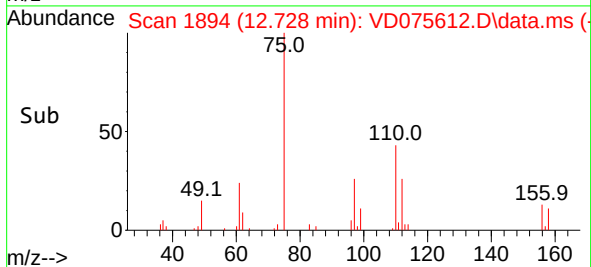
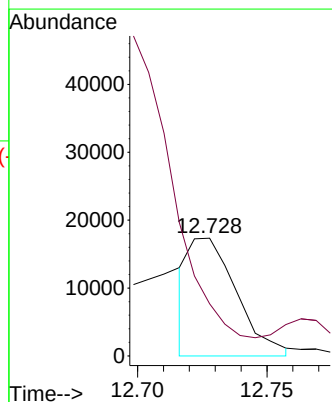
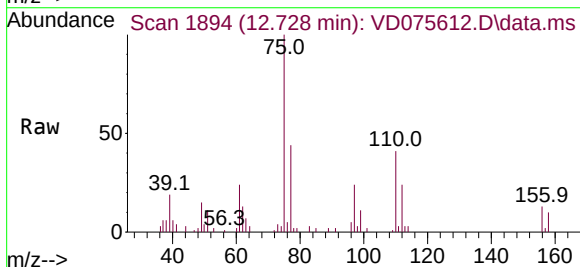
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

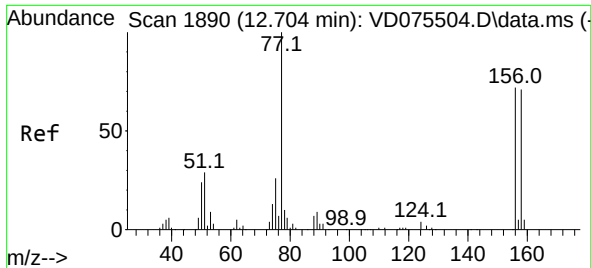
Tgt Ion: 83 Resp: 39983
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.2
85 65.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 17.651 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 75 Resp: 22232
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

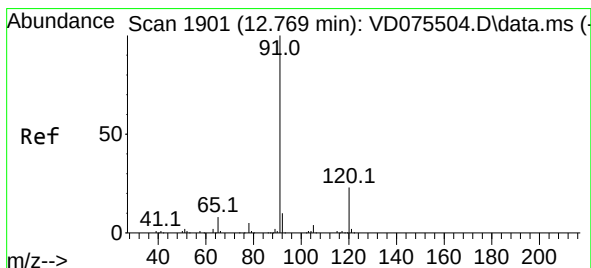
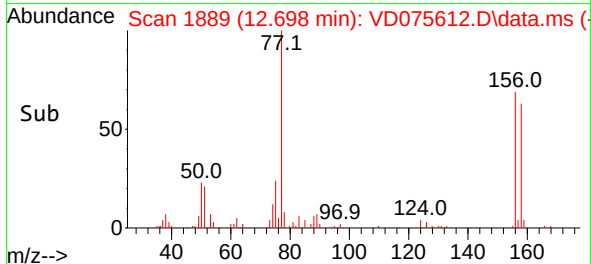
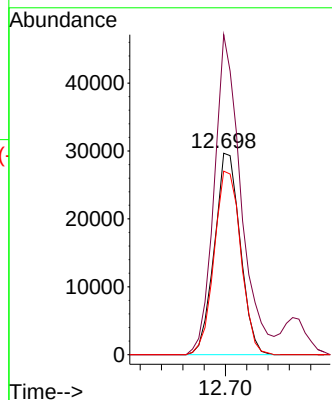
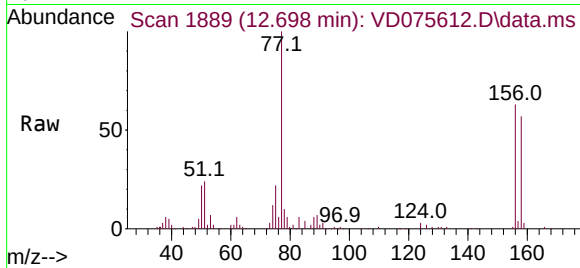




#77
Bromobenzene
Concen: 19.800 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

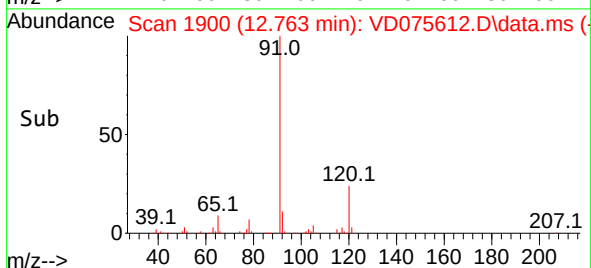
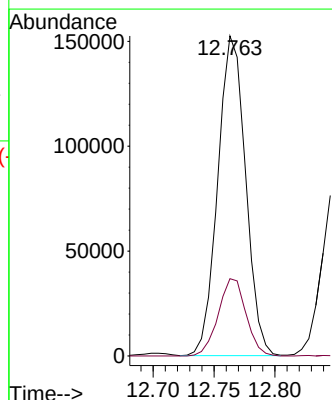
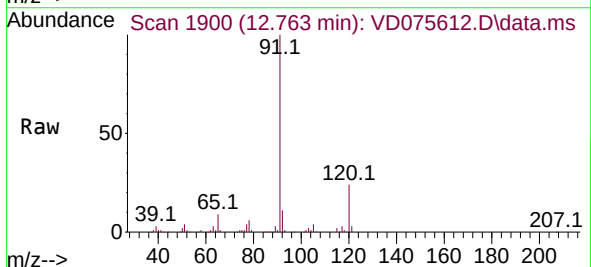
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

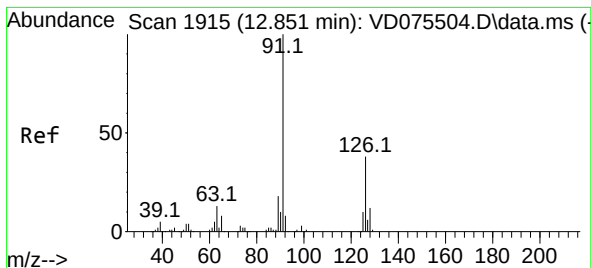
Tgt Ion:156 Resp: 49913
Ion Ratio Lower Upper
156 100
77 164.5 89.5 268.6
158 93.9 47.8 143.4



#78
n-propylbenzene
Concen: 20.196 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 91 Resp: 242511
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.623 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

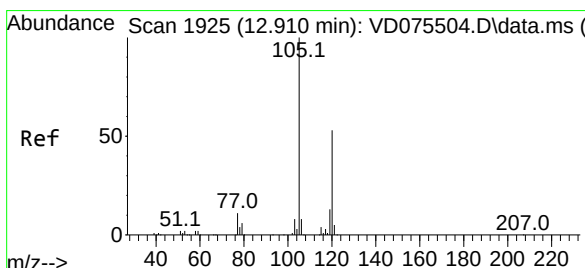
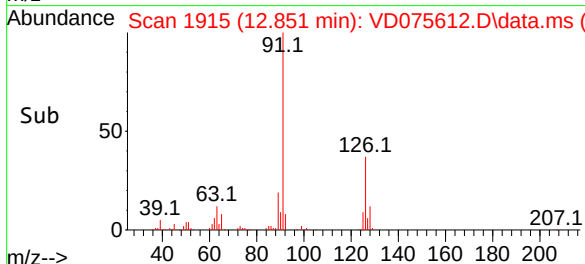
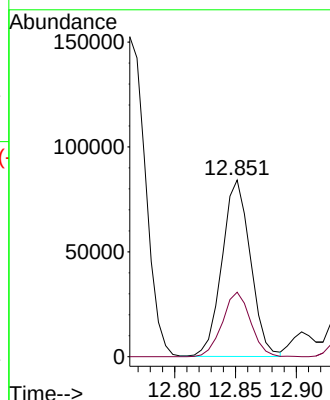
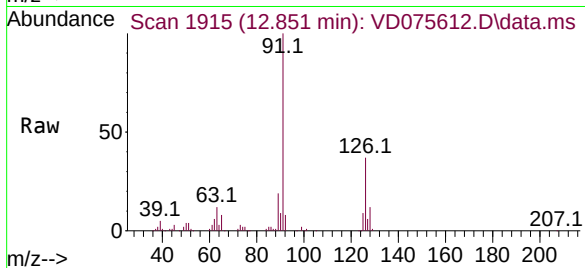
VSTDICC020

Tgt Ion: 91 Resp: 136966

Ion Ratio Lower Upper

91 100

126 36.1 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.395 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075612.D

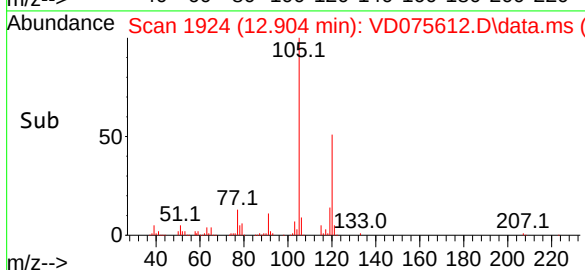
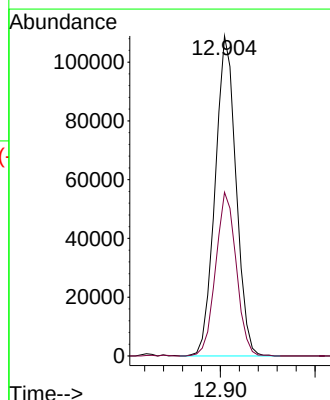
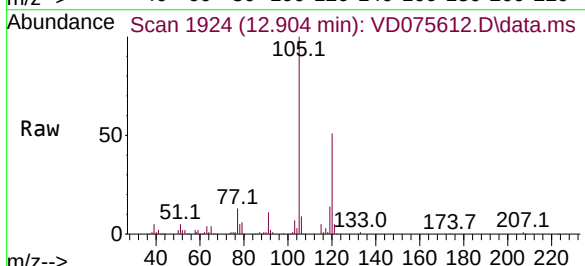
Acq: 10 Apr 2023 17:54

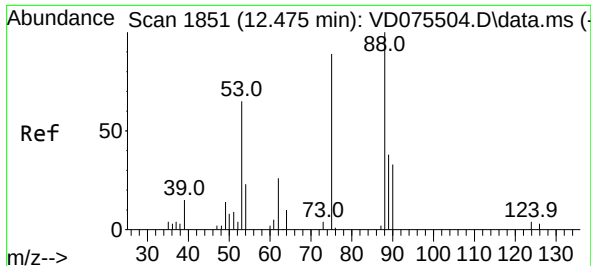
Tgt Ion: 105 Resp: 166819

Ion Ratio Lower Upper

105 100

120 50.5 24.3 72.8

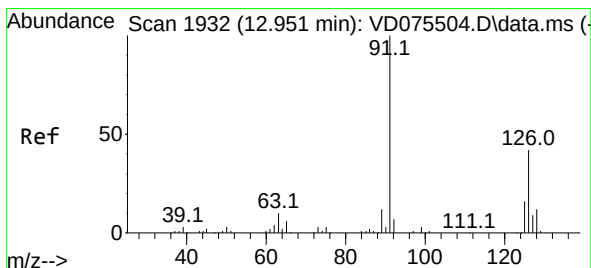
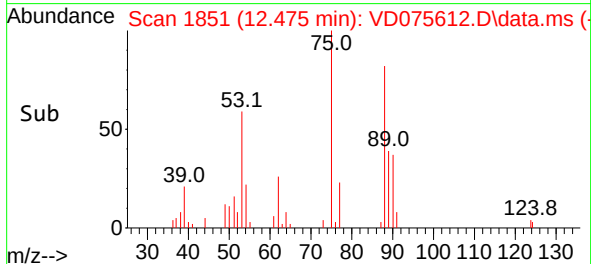
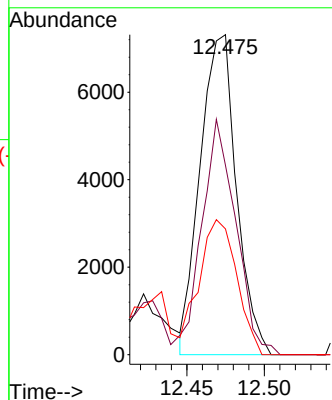
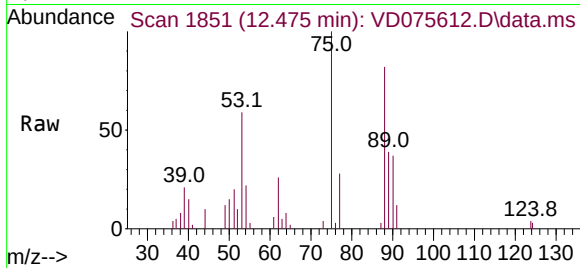




#81
trans-1,4-Dichloro-2-butene
Concen: 21.695 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

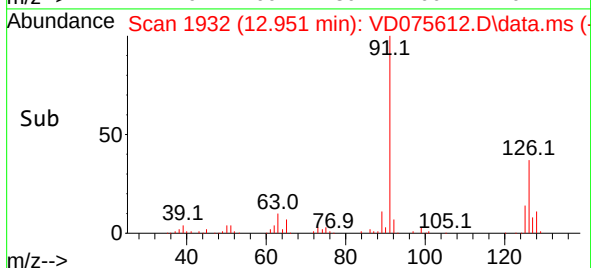
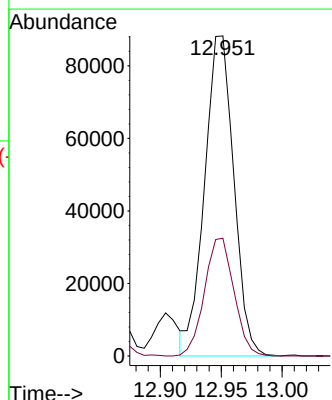
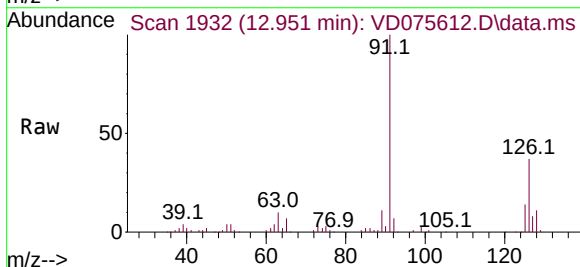
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

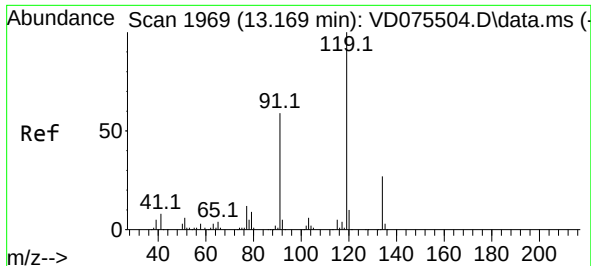
Tgt Ion: 75 Resp: 11923
Ion Ratio Lower Upper
75 100
53 69.2 90.5 135.7#
89 43.9 40.2 60.4



#82
4-Chlorotoluene
Concen: 21.442 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 91 Resp: 147724
Ion Ratio Lower Upper
91 100
126 37.0 17.1 51.2

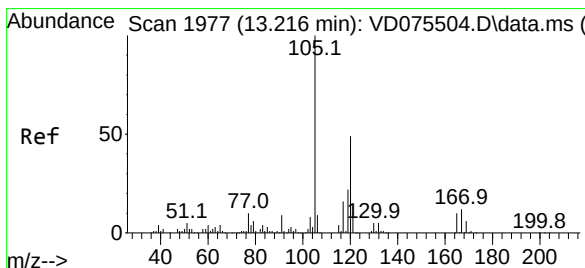
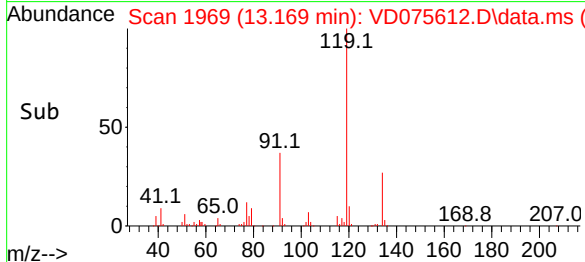
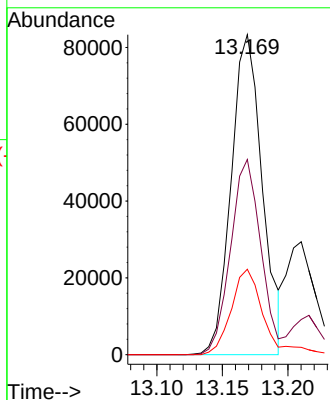
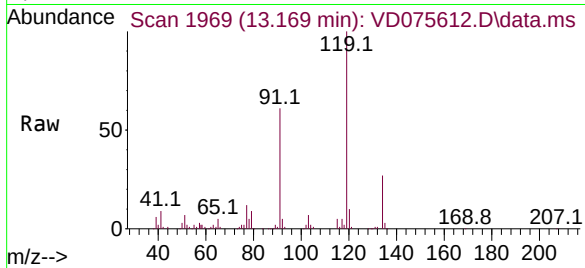




#83
tert-Butylbenzene
Concen: 19.425 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

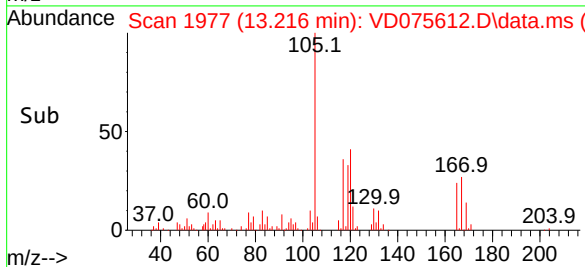
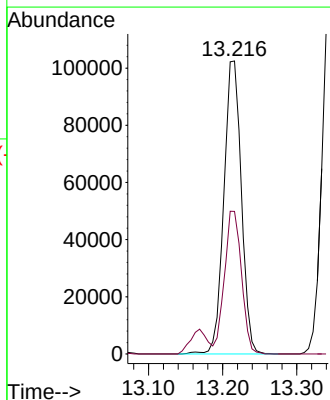
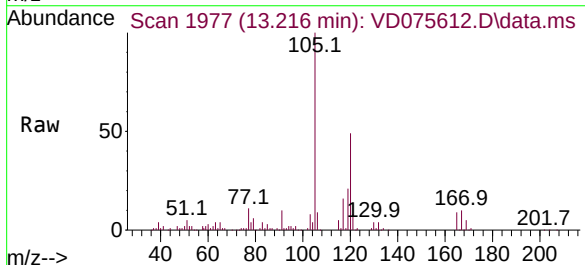
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

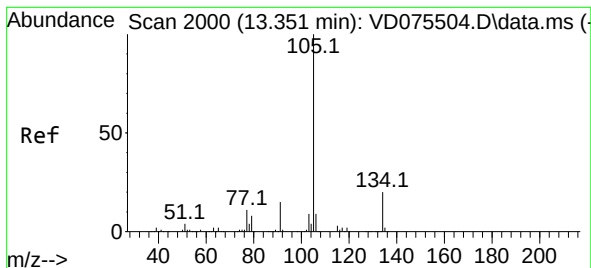
Tgt Ion:119 Resp: 137956
Ion Ratio Lower Upper
119 100
91 60.1 32.4 97.0
134 27.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 20.353 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion:105 Resp: 168113
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.286 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

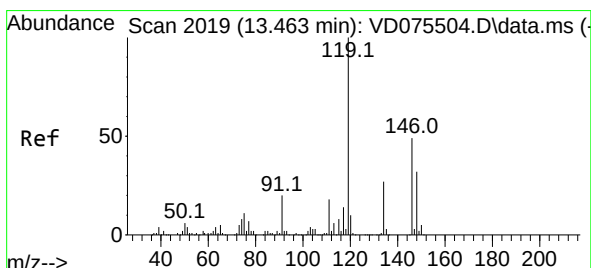
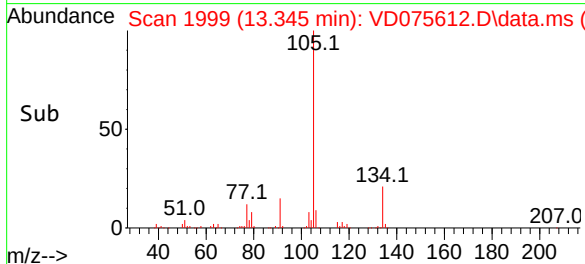
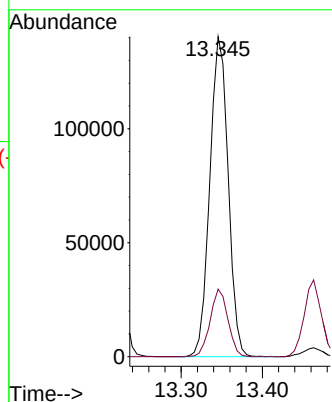
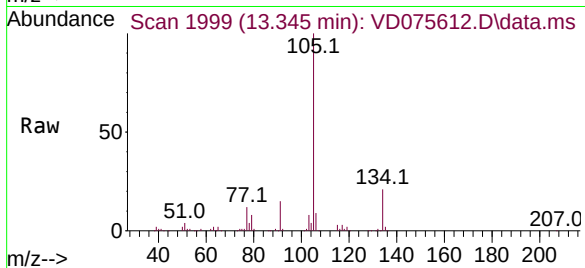
VSTDIC020

Tgt Ion:105 Resp: 220165

Ion Ratio Lower Upper

105 100

134 20.4 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.569 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

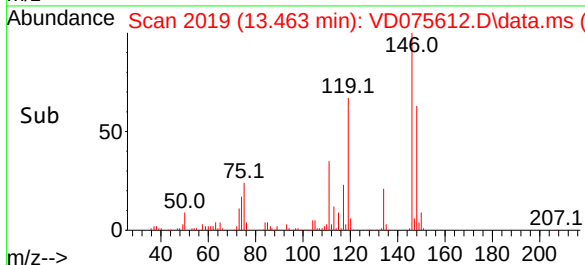
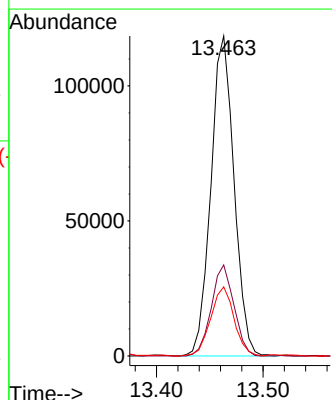
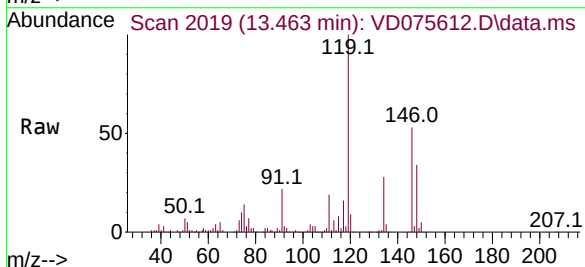
Tgt Ion:119 Resp: 178532

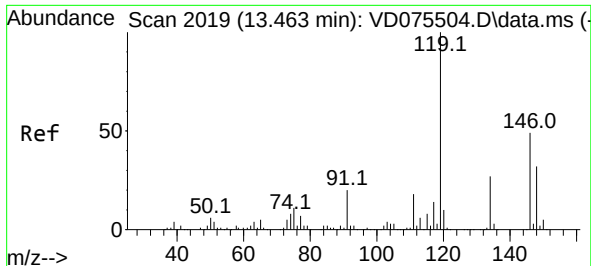
Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.3

91 21.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.929 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

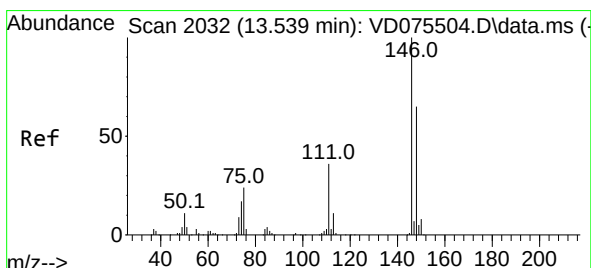
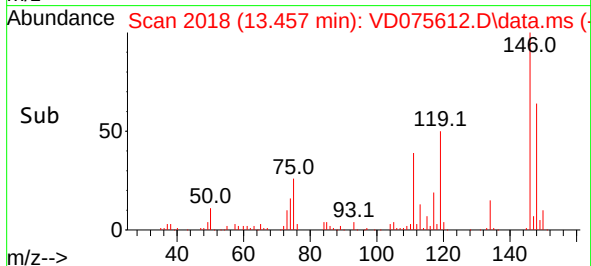
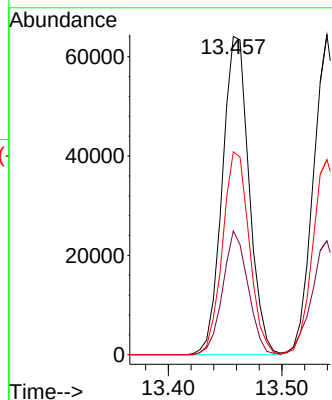
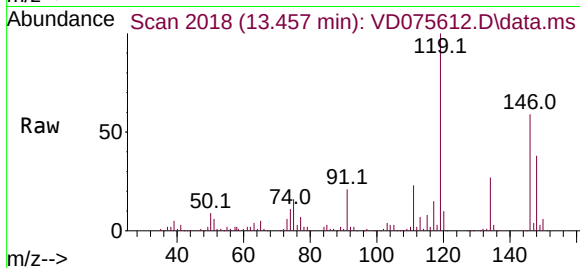
Tgt Ion:146 Resp: 104909

Ion Ratio Lower Upper

146 100

111 36.8 19.8 59.3

148 63.6 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 19.855 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

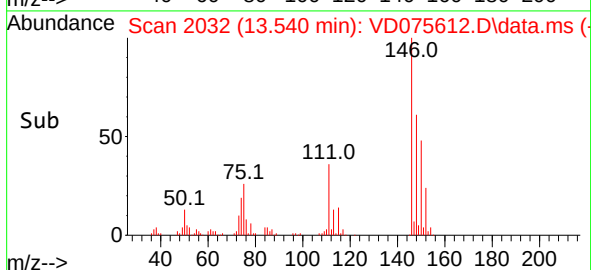
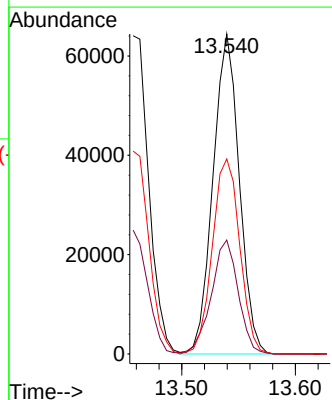
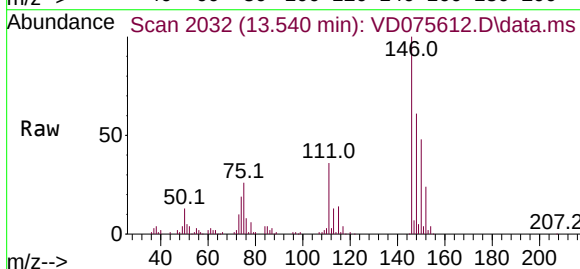
Tgt Ion:146 Resp: 103368

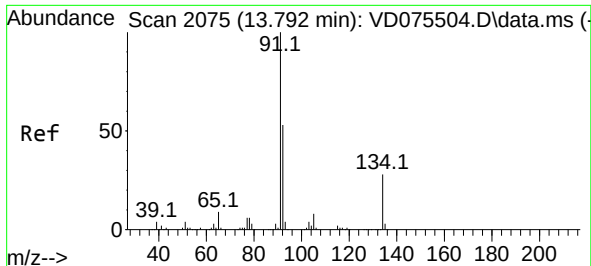
Ion Ratio Lower Upper

146 100

111 36.5 19.6 58.8

148 63.6 31.7 95.1

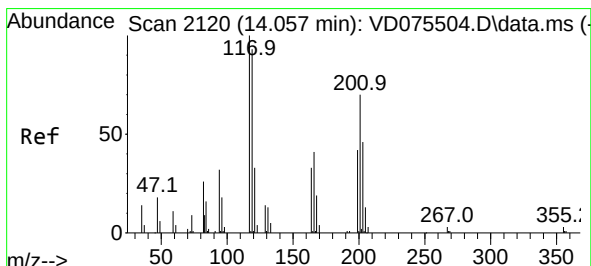
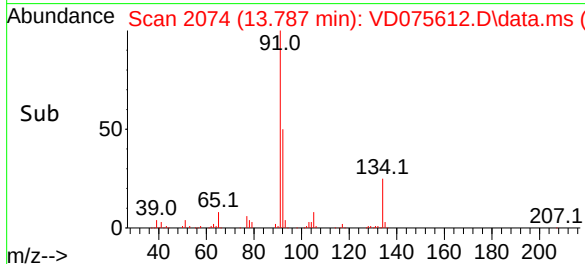
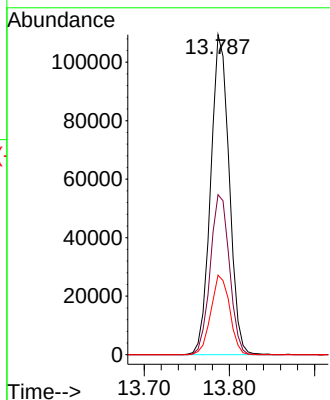
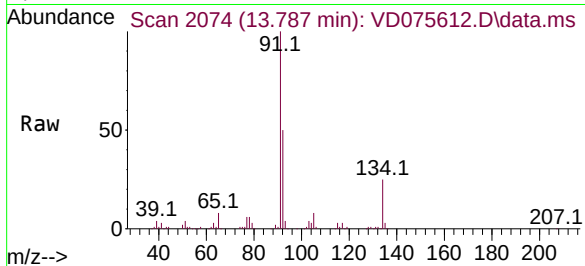




#89
n-Butylbenzene
Concen: 19.891 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

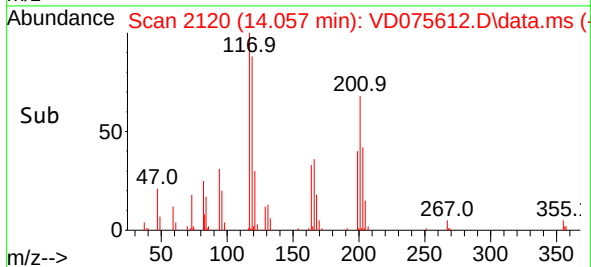
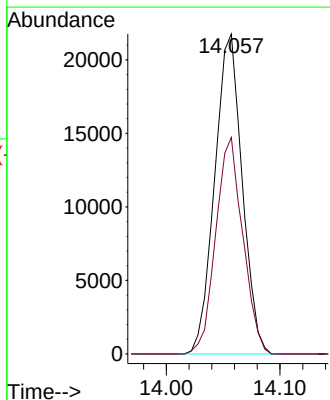
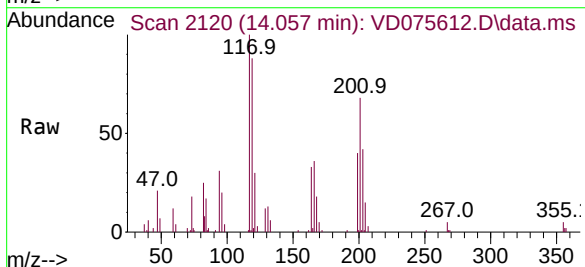
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

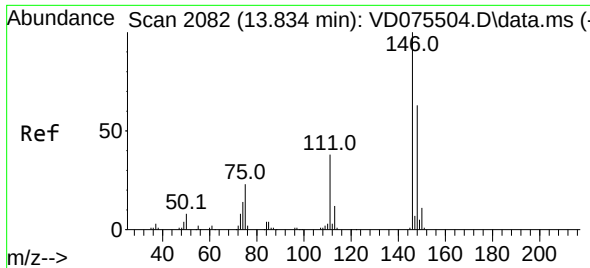
Tgt Ion: 91 Resp: 164986
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 25.2 12.7 38.0



#90
Hexachloroethane
Concen: 21.209 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 117 Resp: 36601
Ion Ratio Lower Upper
117 100
201 66.6 34.5 103.6

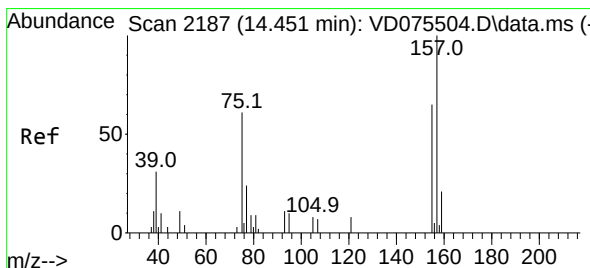
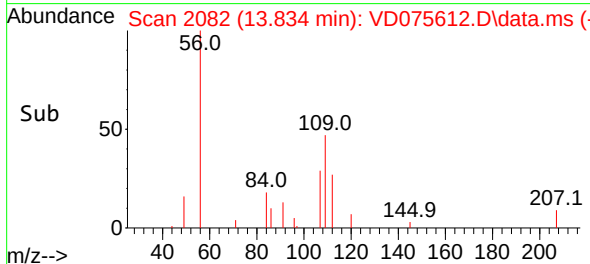
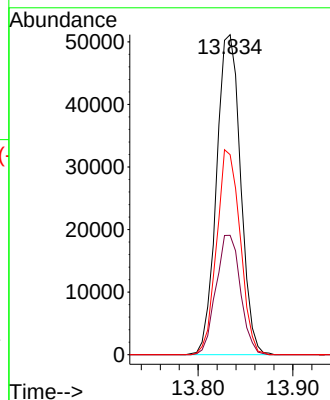
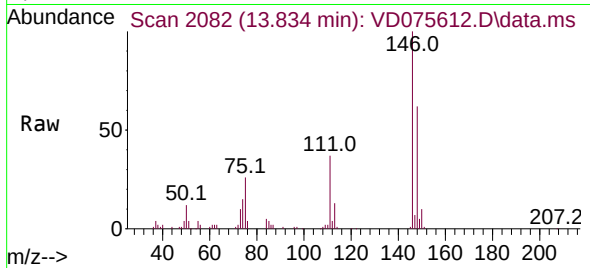




#91
1,2-Dichlorobenzene
Concen: 19.870 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

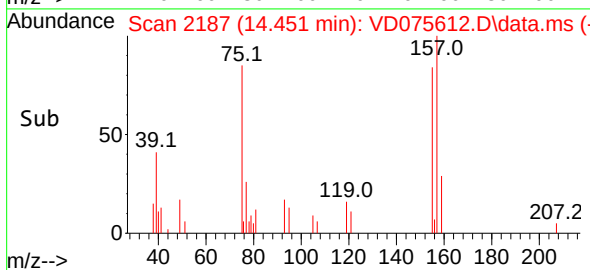
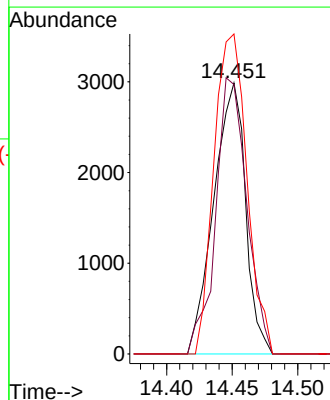
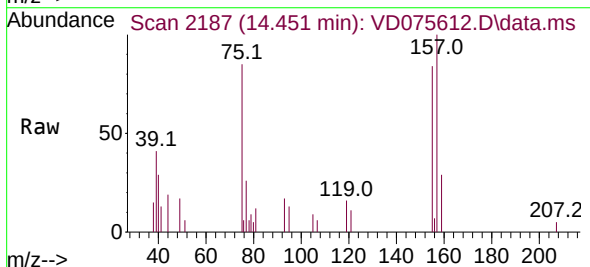
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

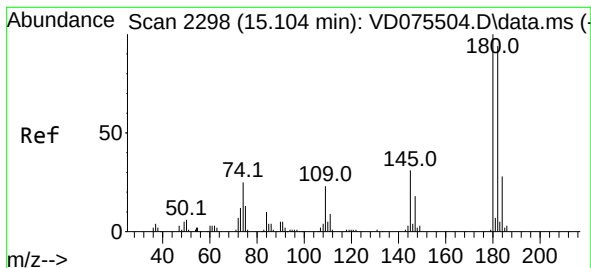
Tgt Ion:146 Resp: 90160
Ion Ratio Lower Upper
146 100
111 38.0 20.6 61.8
148 62.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.529 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075612.D
Acq: 10 Apr 2023 17:54

Tgt Ion: 75 Resp: 5031
Ion Ratio Lower Upper
75 100
155 99.6 39.5 118.5
157 122.5 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 19.898 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

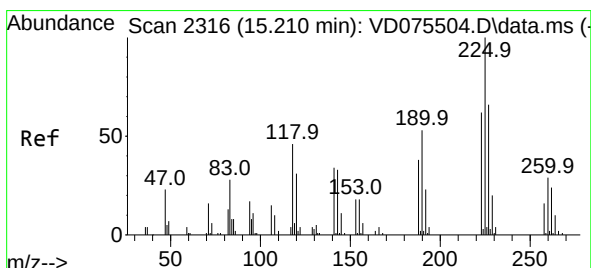
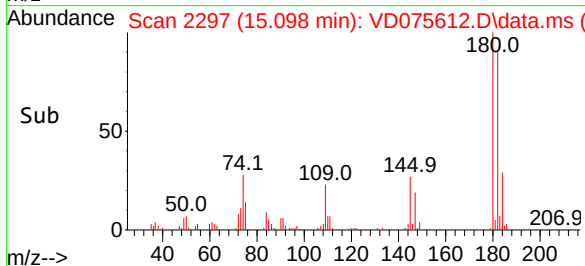
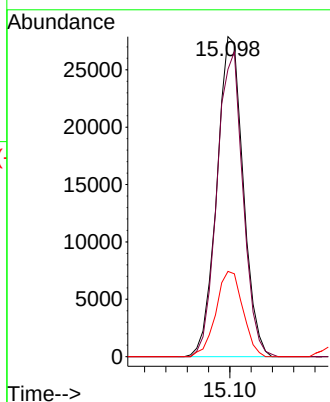
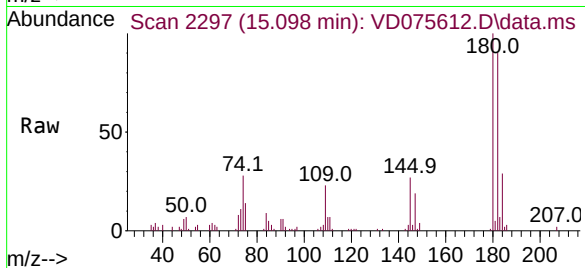
Tgt Ion:180 Resp: 47888

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.7

145 27.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.399 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

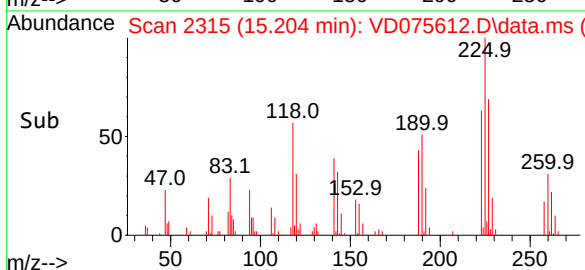
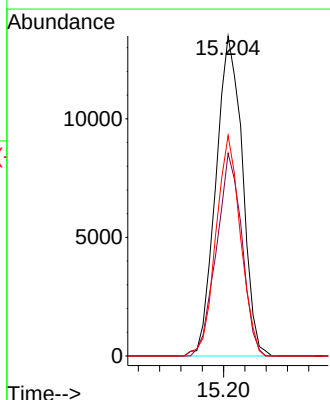
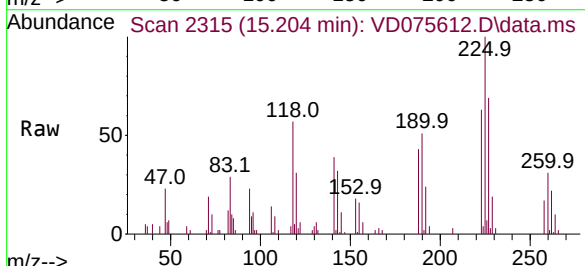
Tgt Ion:225 Resp: 23254

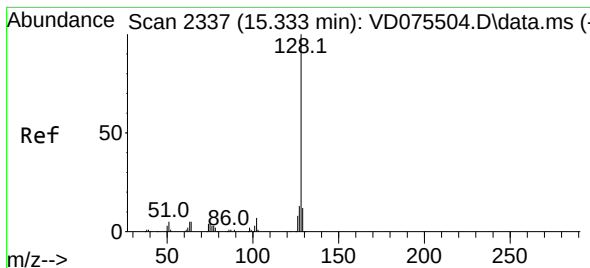
Ion Ratio Lower Upper

225 100

223 60.5 33.1 99.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 18.557 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

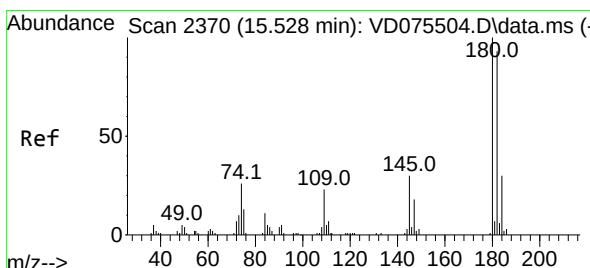
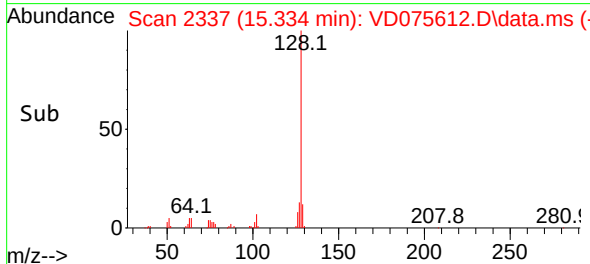
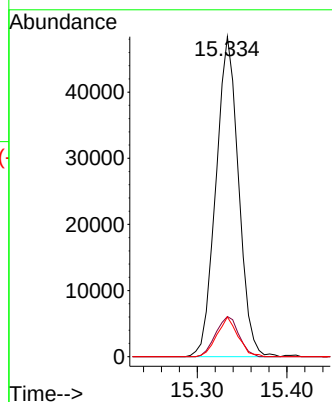
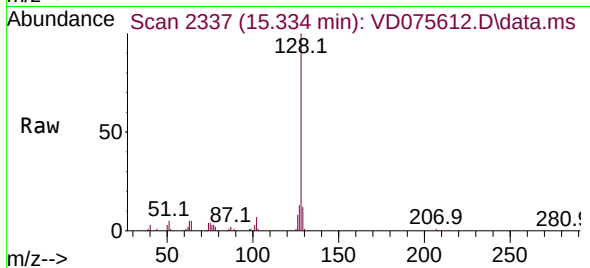
Tgt Ion:128 Resp: 84799

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.206 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD075612.D

Acq: 10 Apr 2023 17:54

Tgt Ion:180 Resp: 43084

Ion Ratio Lower Upper

180 100

182 90.5 47.7 143.1

145 28.5 16.4 49.4

