

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079440.D
 Acq On : 29 Jul 2024 16:55
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 30 03:03:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	249934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	420134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	398894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	204962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48099	18.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.880%#
35) Dibromofluoromethane	7.804	113	53575	18.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	37.680%#
50) Toluene-d8	10.263	98	198058	17.935	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	35.880%#
62) 4-Bromofluorobenzene	12.569	95	56465	17.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37839	19.322	ug/l	100
3) Chloromethane	2.146	50	71087	19.701	ug/l	99
4) Vinyl Chloride	2.275	62	83920	19.561	ug/l	98
5) Bromomethane	2.669	94	58239	19.922	ug/l	95
6) Chloroethane	2.822	64	51445	18.661	ug/l	96
7) Trichlorofluoromethane	3.164	101	83023	19.459	ug/l	97
8) Diethyl Ether	3.593	74	25769	19.994	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	51945	19.250	ug/l	100
10) Methyl Iodide	4.158	142	57652	19.100	ug/l	98
11) Tert butyl alcohol	5.058	59	14663	125.812	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	51274	18.987	ug/l	96
13) Acrolein	3.793	56	24949	136.307	ug/l	100
14) Allyl chloride	4.558	41	65315	18.316	ug/l	90
15) Acrylonitrile	5.246	53	61479	102.082	ug/l	97
16) Acetone	4.016	43	44716	90.619	ug/l	99
17) Carbon Disulfide	4.263	76	170288	19.103	ug/l	99
18) Methyl Acetate	4.558	43	32689	21.337	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	109500	19.865	ug/l	95
20) Methylene Chloride	4.799	84	99814	18.363	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	58373	19.242	ug/l	91
22) Diisopropyl ether	6.210	45	156738	19.755	ug/l #	89
23) Vinyl Acetate	6.152	43	595856	99.903	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	102544	19.286	ug/l	97
25) 2-Butanone	7.081	43	65887	94.181	ug/l	96
26) 2,2-Dichloropropane	7.069	77	77689	18.064	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	66276	19.113	ug/l	89
28) Bromochloromethane	7.422	49	46147	19.792	ug/l #	76
29) Tetrahydrofuran	7.446	42	43687	100.766	ug/l #	83
30) Chloroform	7.593	83	107659	19.994	ug/l	99
31) Cyclohexane	7.875	56	77442	18.365	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	86942	19.568	ug/l	97
36) 1,1-Dichloropropene	8.010	75	70911	18.270	ug/l	99
37) Ethyl Acetate	7.169	43	30993	19.476	ug/l	99
38) Carbon Tetrachloride	7.987	117	78655	19.277	ug/l	99
39) Methylcyclohexane	9.269	83	81393	17.576	ug/l	88
40) Benzene	8.246	78	233079	18.907	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16480	18.827	ug/l	89
42) 1,2-Dichloroethane	8.322	62	58236	19.824	ug/l	96
43) Isopropyl Acetate	8.357	43	59821	20.002	ug/l	94
44) Trichloroethene	9.028	130	57776	18.827	ug/l	94
45) 1,2-Dichloropropane	9.304	63	57979	19.326	ug/l	99
46) Dibromomethane	9.393	93	33441	20.107	ug/l	98
47) Bromodichloromethane	9.581	83	79230	19.401	ug/l	95
48) Methyl methacrylate	9.381	41	25119	18.767	ug/l	91
49) 1,4-Dioxane	9.387	88	6779	393.366	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	158547	103.833	ug/l	93
52) Toluene	10.328	92	145541	19.089	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	73341	19.448	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	87356	19.257	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	45777	20.895	ug/l	95
56) Ethyl methacrylate	10.593	69	49194	18.951	ug/l	90
57) 1,3-Dichloropropane	10.875	76	73344	19.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	107074	89.440	ug/l	92
59) 2-Hexanone	10.922	43	105289	98.870	ug/l	95
60) Dibromochloromethane	11.069	129	57831	20.207	ug/l	97
61) 1,2-Dibromoethane	11.175	107	40474	19.720	ug/l	92
64) Tetrachloroethene	10.810	164	50607	18.815	ug/l	93
65) Chlorobenzene	11.604	112	165242	18.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	56171	19.328	ug/l	99
67) Ethyl Benzene	11.681	91	261261	18.068	ug/l	97
68) m/p-Xylenes	11.793	106	212239	36.995	ug/l	93
69) o-Xylene	12.116	106	96316	18.316	ug/l	89
70) Styrene	12.134	104	175526	19.040	ug/l	96
71) Bromoform	12.298	173	32390	19.715	ug/l #	95
73) Isopropylbenzene	12.416	105	242140	18.257	ug/l	99
74) N-amyl acetate	12.234	43	58057	19.258	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	52143	19.583	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	62623	34.826	ug/l #	100
77) Bromobenzene	12.698	156	63916	18.598	ug/l	91
78) n-propylbenzene	12.763	91	305254	17.817	ug/l	98
79) 2-Chlorotoluene	12.845	91	173643	18.202	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	203162	17.794	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	18470	19.663	ug/l	96
82) 4-Chlorotoluene	12.945	91	187394	18.843	ug/l	97
83) tert-Butylbenzene	13.163	119	175700	18.362	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	211644	18.775	ug/l	100
85) sec-Butylbenzene	13.339	105	270803	17.832	ug/l	100
86) p-Isopropyltoluene	13.457	119	227489	18.486	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	132031	18.546	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	127973	18.285	ug/l	95
89) n-Butylbenzene	13.787	91	207792	18.257	ug/l	99
90) Hexachloroethane	14.051	117	48105	18.111	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	115694	19.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7082	19.989	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	69905	18.236	ug/l	98
94) Hexachlorobutadiene	15.198	225	37233	17.996	ug/l	97
95) Naphthalene	15.328	128	123868	18.669	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	62162	18.435	ug/l	95

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QLast Update : Tue Jul 30 02:34:50 2024
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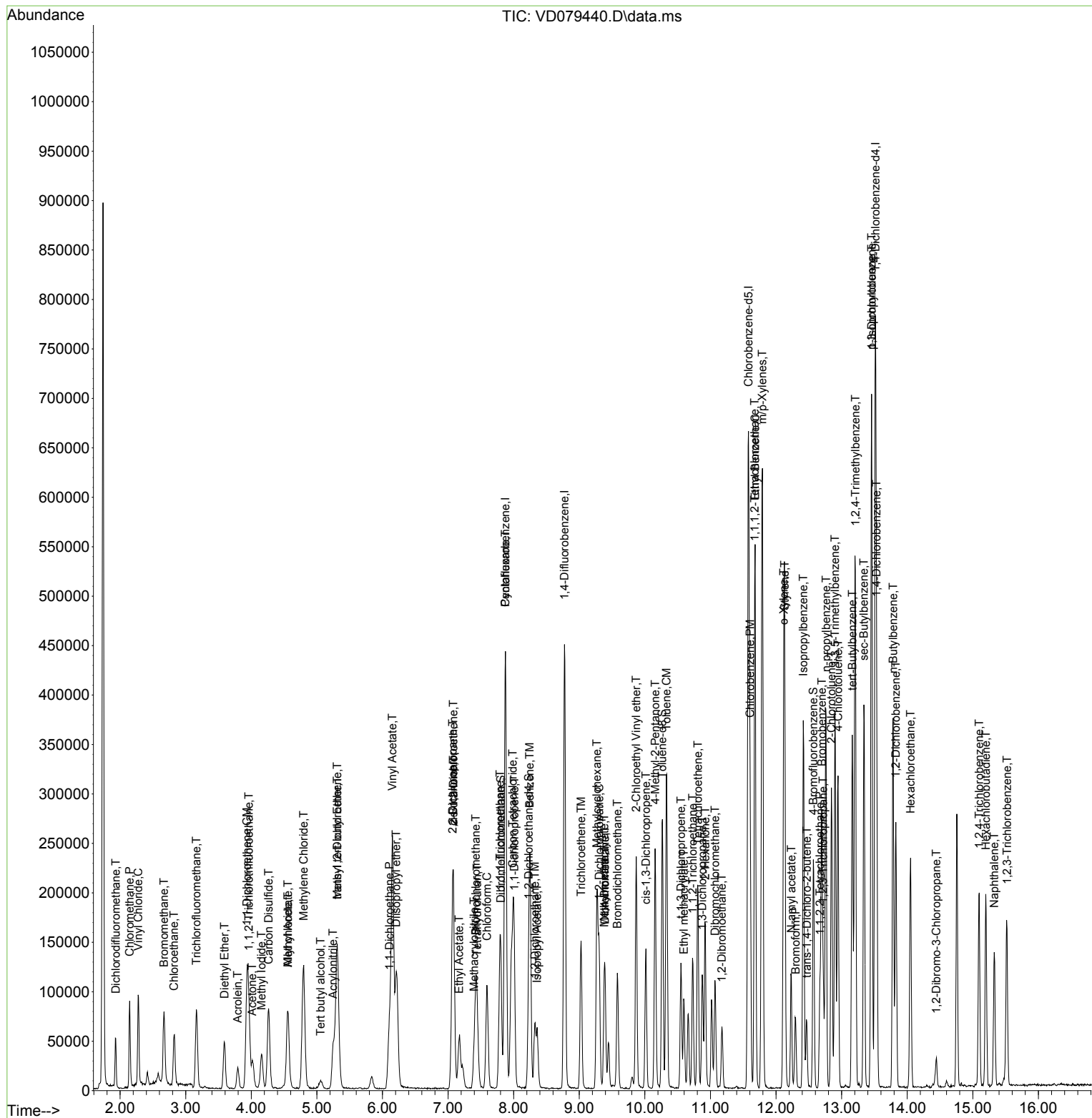
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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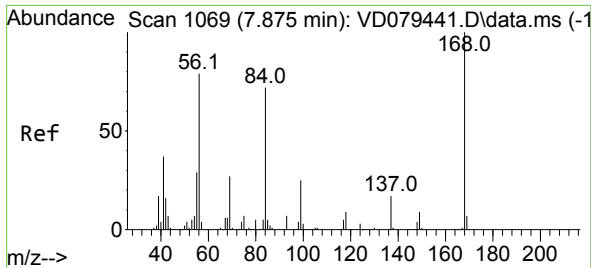
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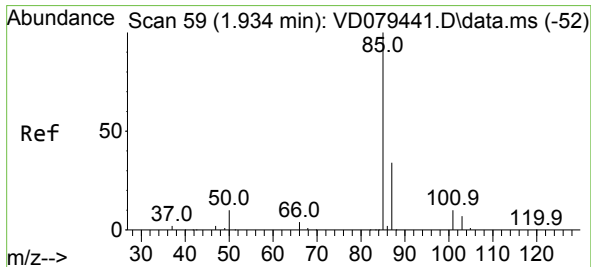
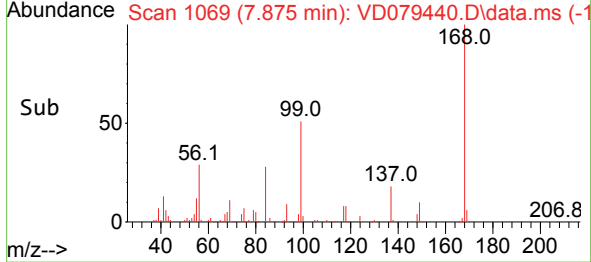
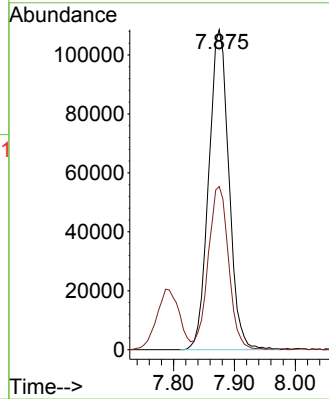
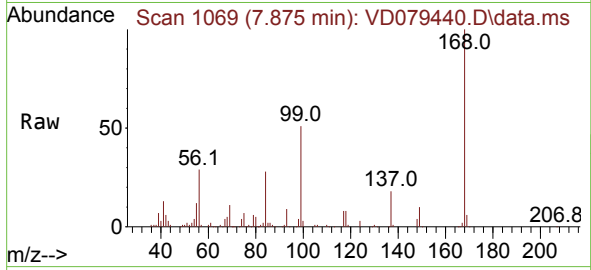




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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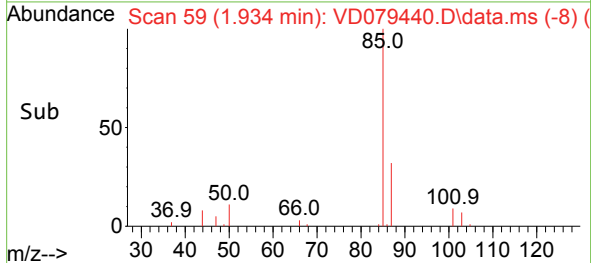
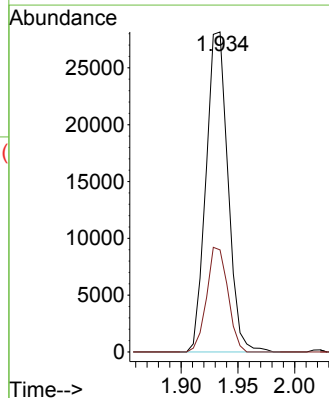
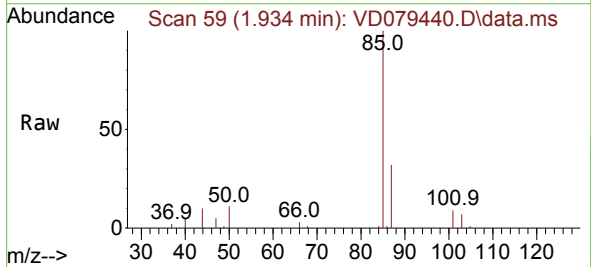
Instrument :
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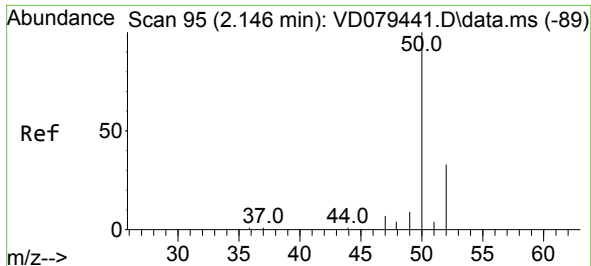
Tgt Ion:168 Resp: 249934
Ion Ratio Lower Upper
168 100
99 50.8 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 19.322 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 85 Resp: 37839
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0

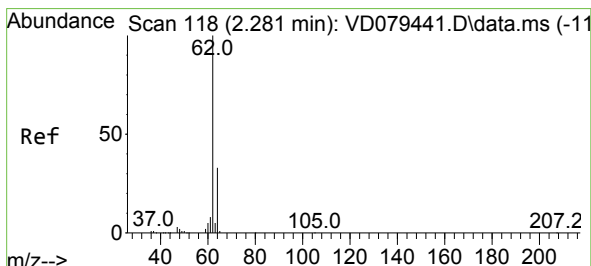
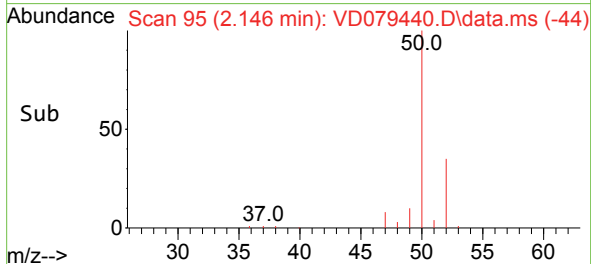
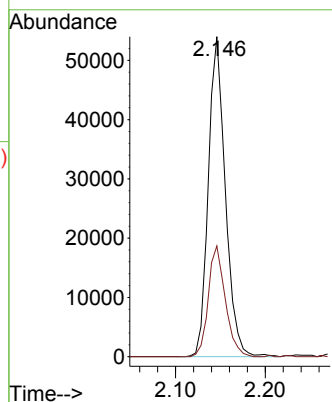
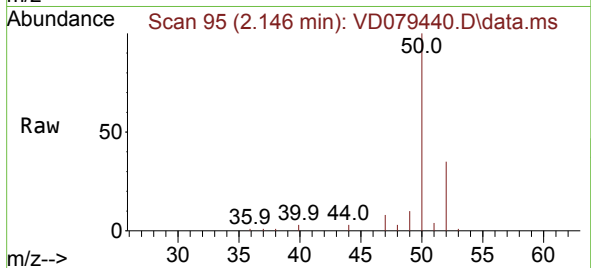




#3
Chloromethane
Concen: 19.701 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

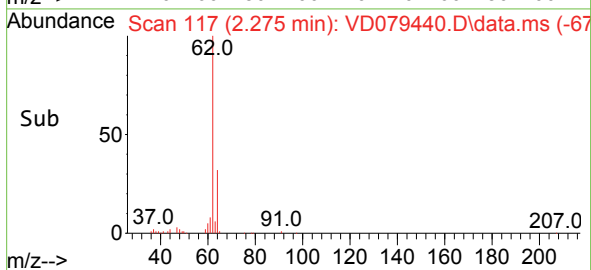
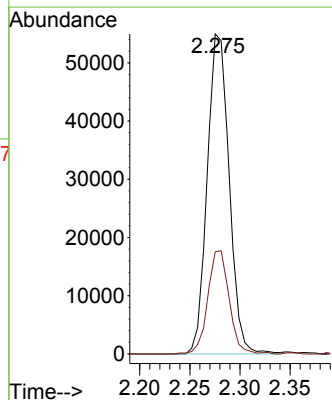
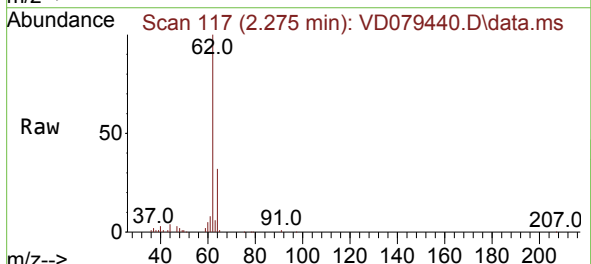
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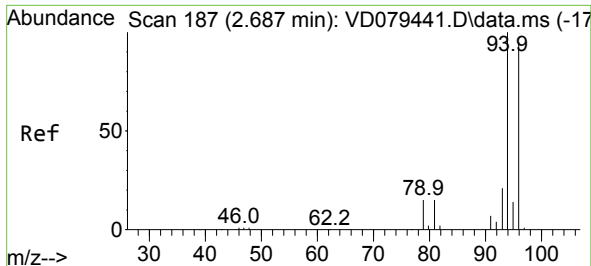
Tgt Ion: 50 Resp: 71087
Ion Ratio Lower Upper
50 100
52 34.6 28.2 42.2



#4
Vinyl Chloride
Concen: 19.561 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 62 Resp: 83920
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5

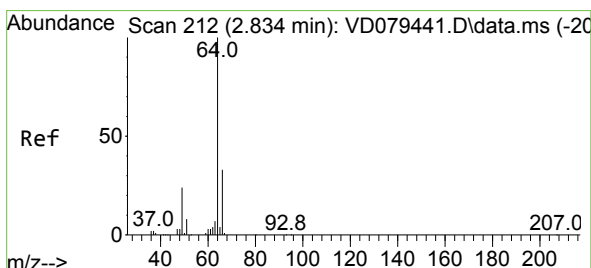
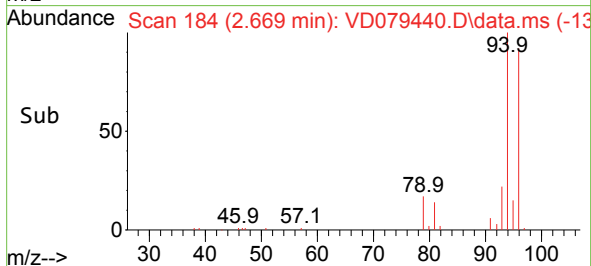
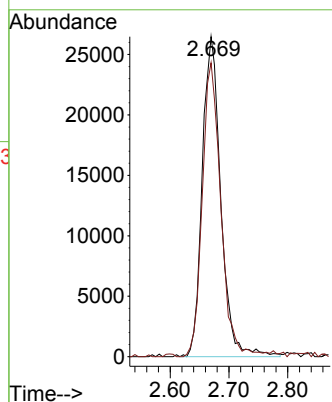
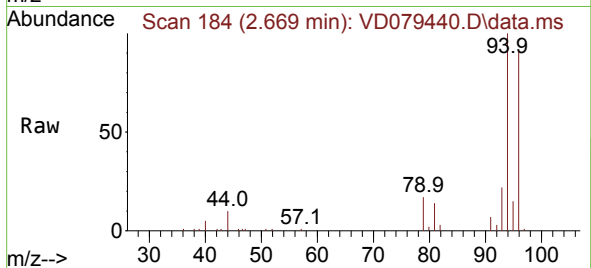




#5
Bromomethane
Concen: 19.922 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD079440.D
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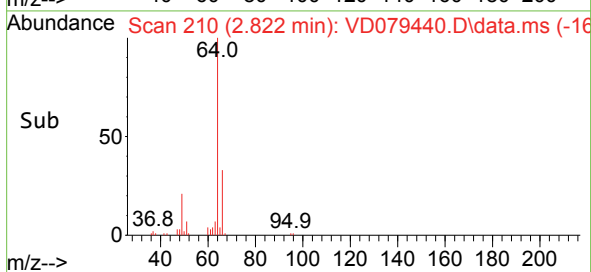
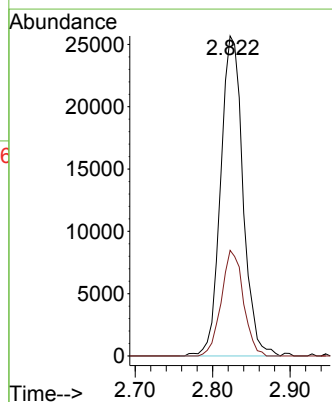
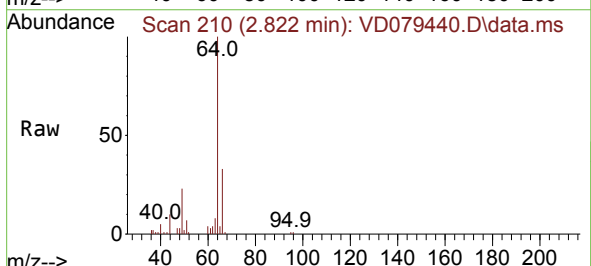
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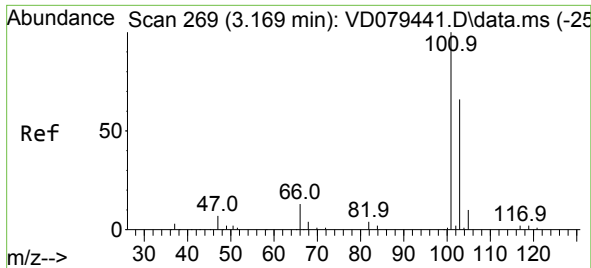
Tgt Ion: 94 Resp: 58239
Ion Ratio Lower Upper
94 100
96 91.5 76.9 115.3



#6
Chloroethane
Concen: 18.661 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD079440.D
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Tgt Ion: 64 Resp: 51445
Ion Ratio Lower Upper
64 100
66 33.0 24.5 36.7

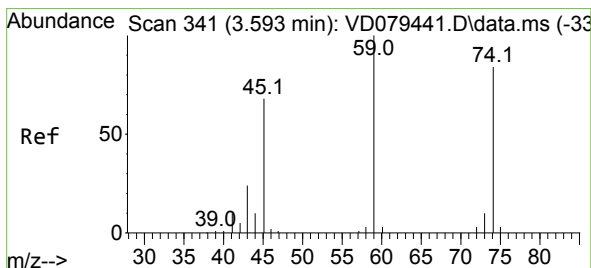
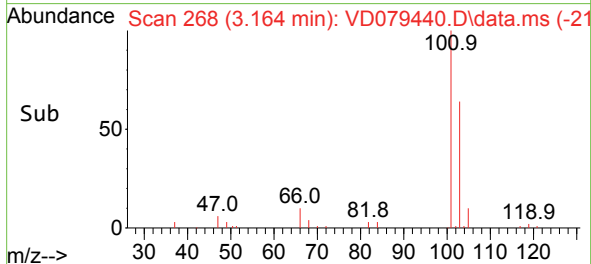
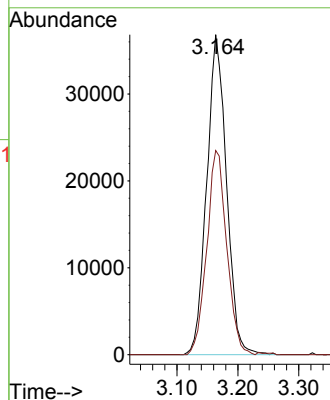
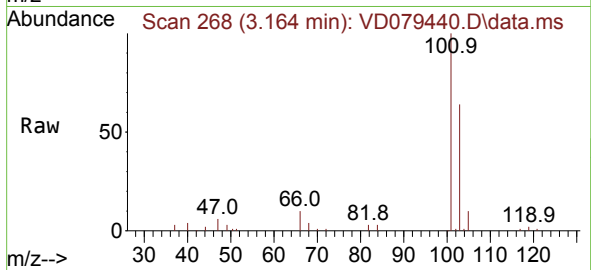




#7
Trichlorofluoromethane
Concen: 19.459 ug/l
RT: 3.164 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079440.D
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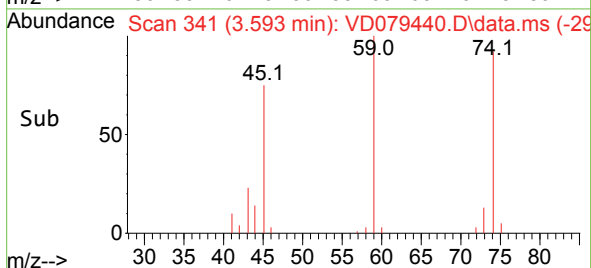
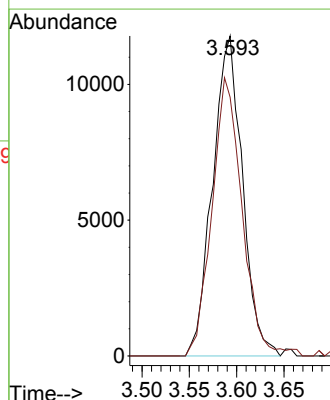
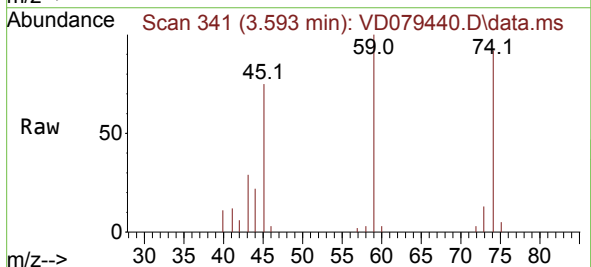
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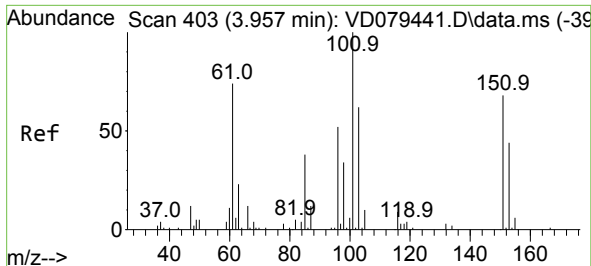
Tgt Ion:101 Resp: 83023
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8



#8
Diethyl Ether
Concen: 19.994 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 74 Resp: 25769
Ion Ratio Lower Upper
74 100
45 88.1 37.9 113.6

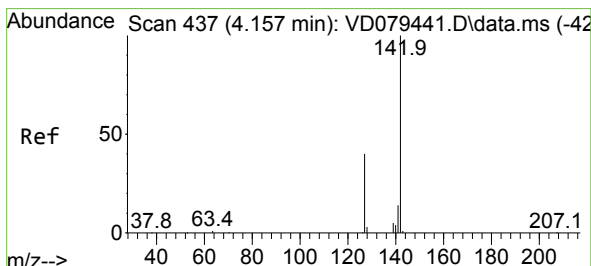
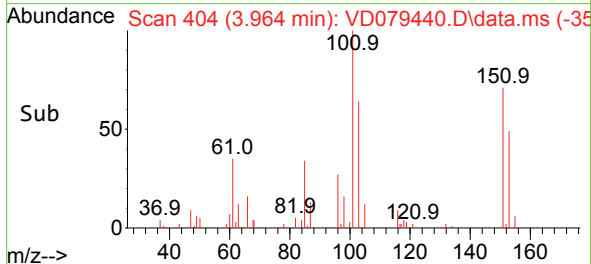
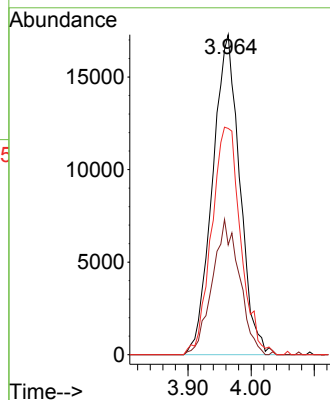
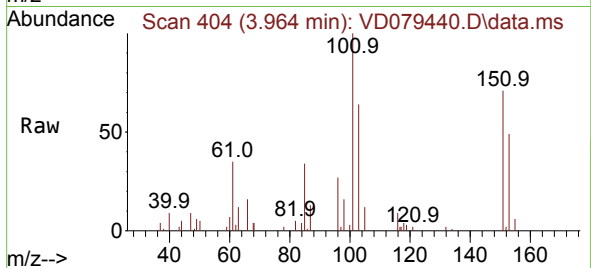




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.250 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

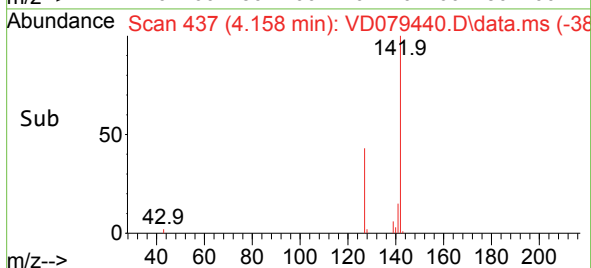
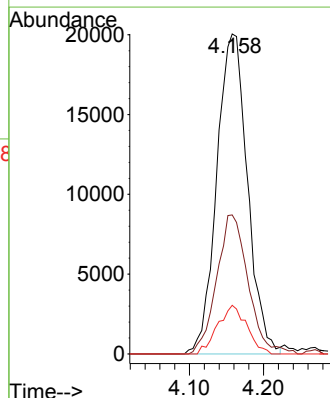
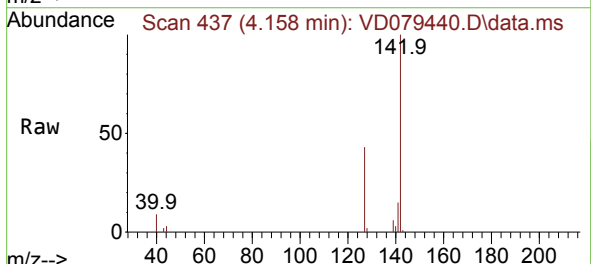
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

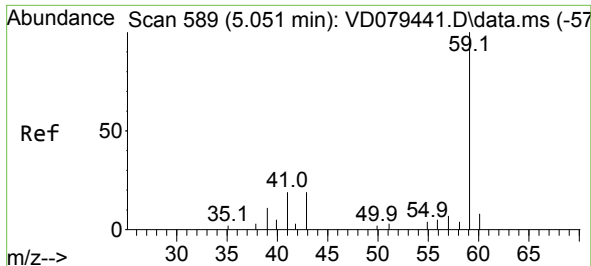
Tgt Ion:101 Resp: 51945
Ion Ratio Lower Upper
101 100
85 42.0 33.5 50.3
151 75.6 60.3 90.5



#10
Methyl Iodide
Concen: 19.100 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.001 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion:142 Resp: 57652
Ion Ratio Lower Upper
142 100
127 44.6 34.2 51.4
141 14.5 11.7 17.5

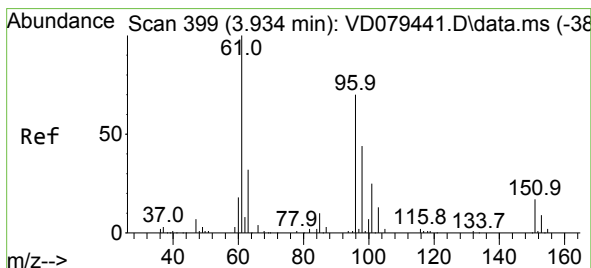
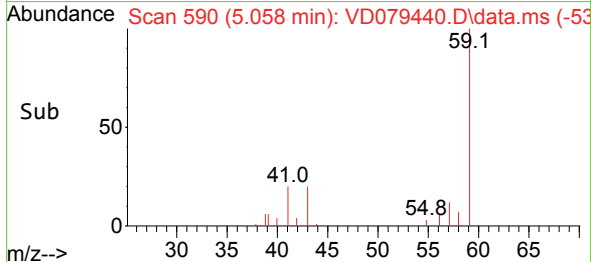
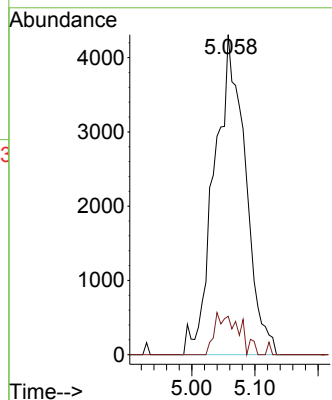
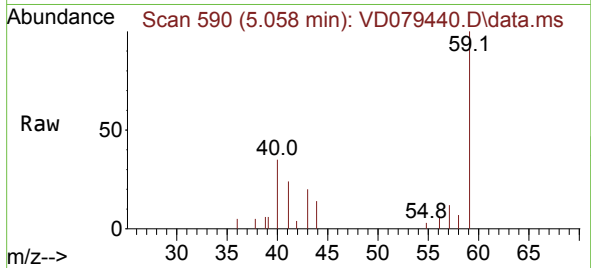




#11
Tert butyl alcohol
Concen: 125.812 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.007 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

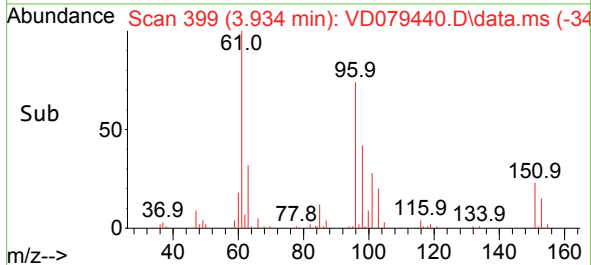
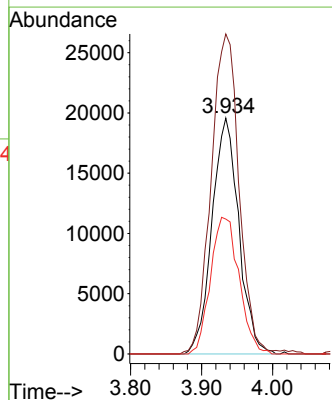
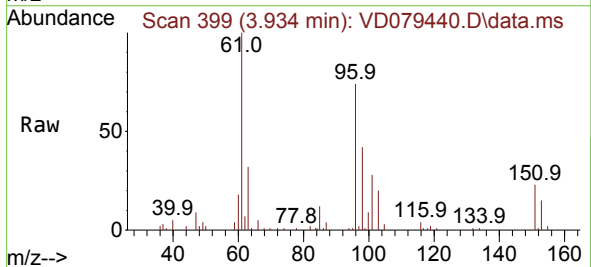
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

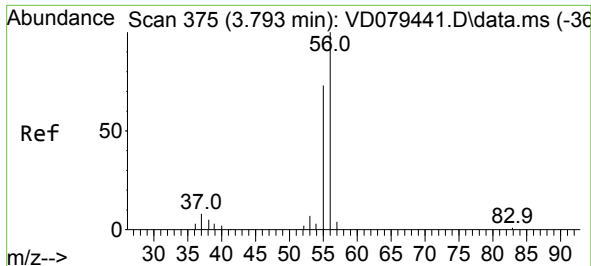
Tgt Ion: 59 Resp: 14663
Ion Ratio Lower Upper
59 100
57 10.3 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 18.987 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 96 Resp: 51274
Ion Ratio Lower Upper
96 100
61 135.7 107.3 160.9
98 57.2 51.7 77.5





#13

Acrolein

Concen: 136.307 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

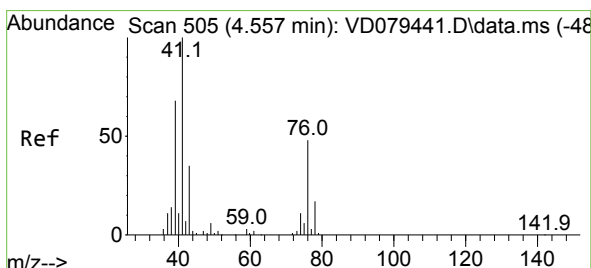
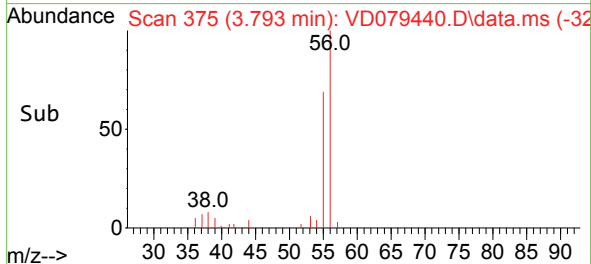
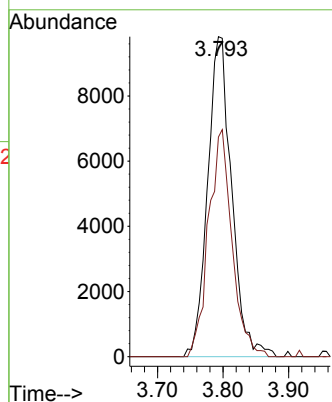
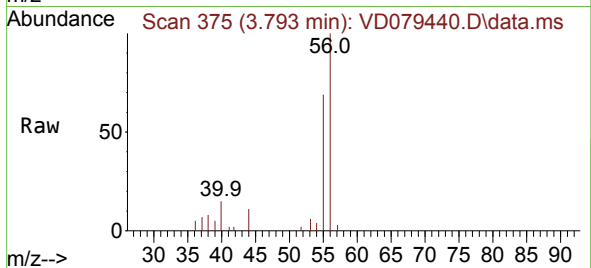
VSTDICC020

Tgt Ion: 56 Resp: 24949

Ion Ratio Lower Upper

56 100

55 69.5 55.3 82.9



#14

Allyl chloride

Concen: 18.316 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

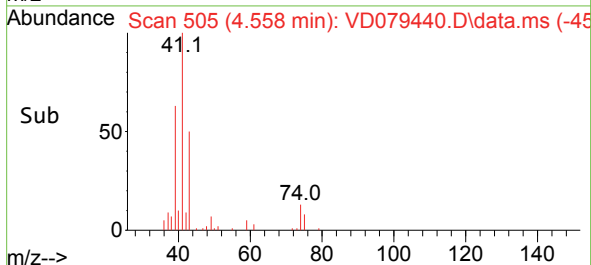
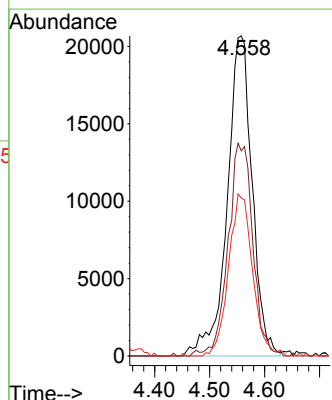
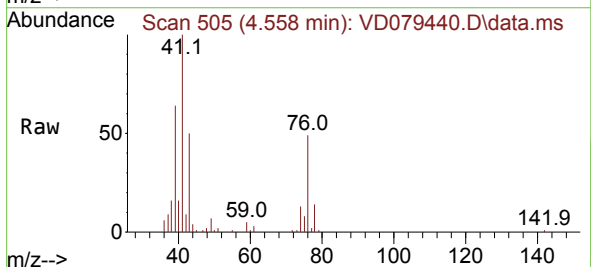
Tgt Ion: 41 Resp: 65315

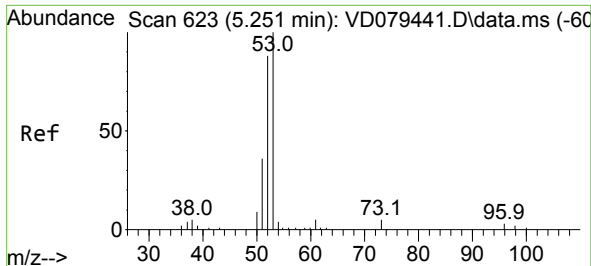
Ion Ratio Lower Upper

41 100

39 65.4 58.0 87.0

76 48.5 45.9 68.9

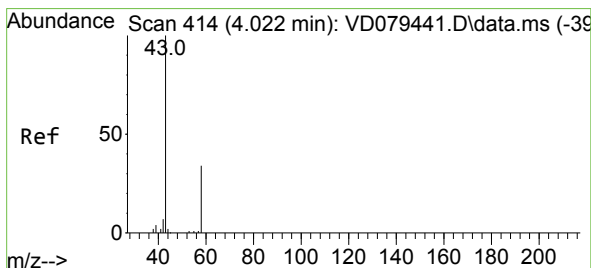
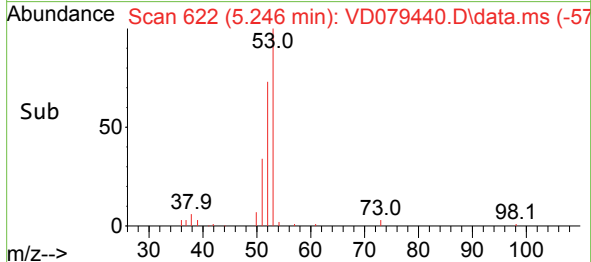
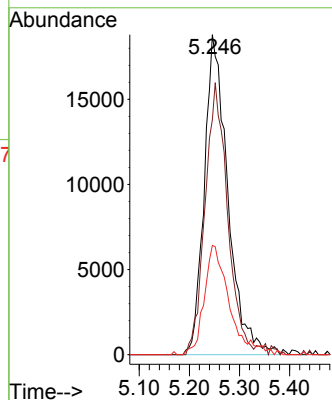
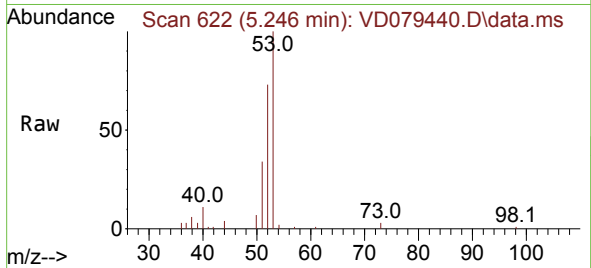




#15
Acrylonitrile
Concen: 102.082 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

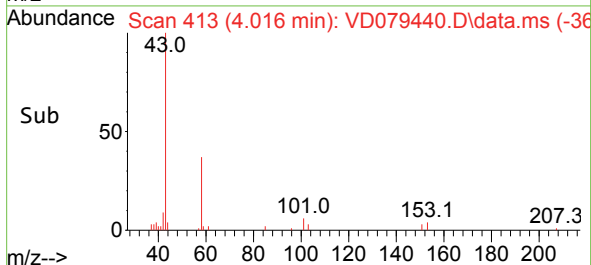
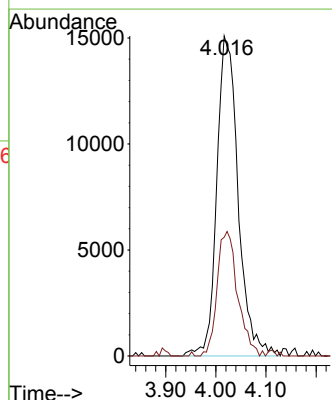
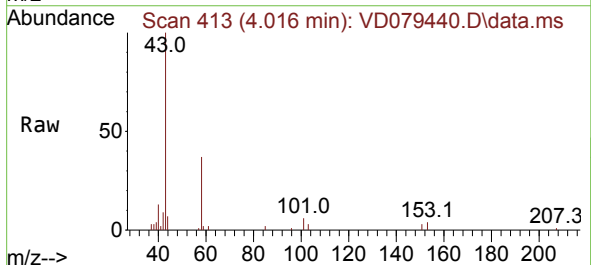
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

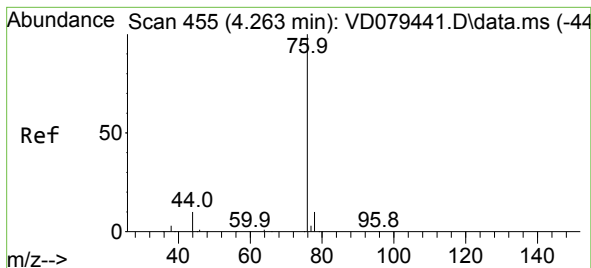
Tgt Ion: 53 Resp: 61479
Ion Ratio Lower Upper
53 100
52 80.6 67.7 101.5
51 36.1 28.6 42.8



#16
Acetone
Concen: 90.619 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 43 Resp: 44716
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6





#17

Carbon Disulfide

Concen: 19.103 ug/l

RT: 4.263 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

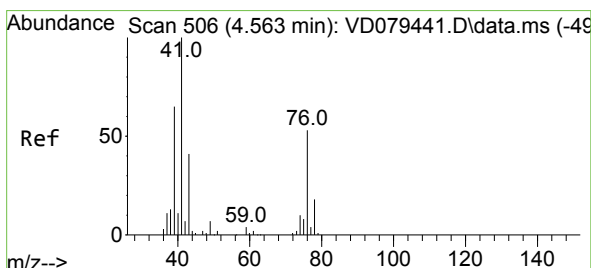
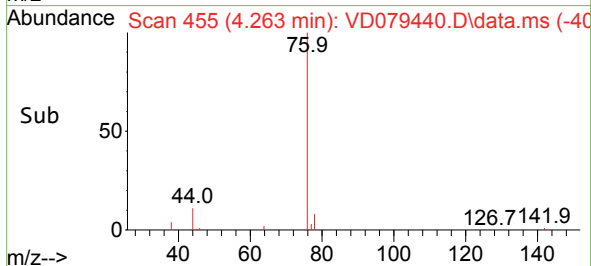
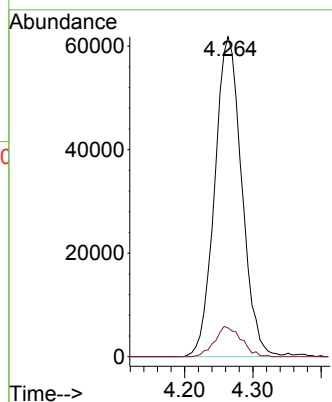
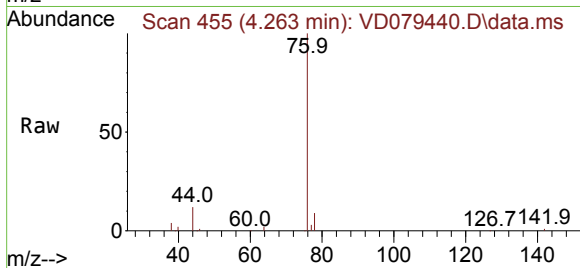
VSTDICC020

Tgt Ion: 76 Resp: 170288

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



#18

Methyl Acetate

Concen: 21.337 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD079440.D

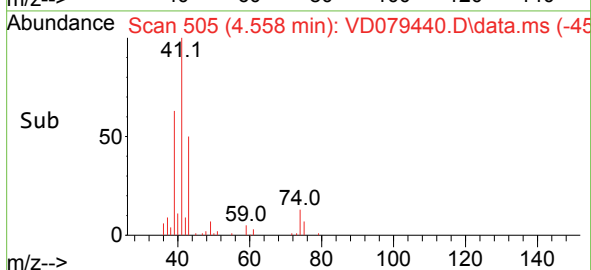
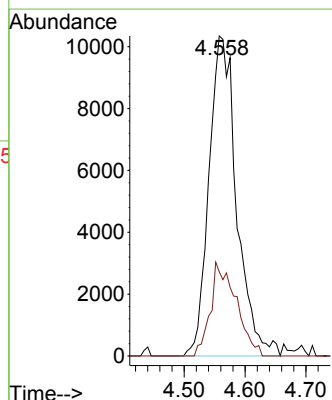
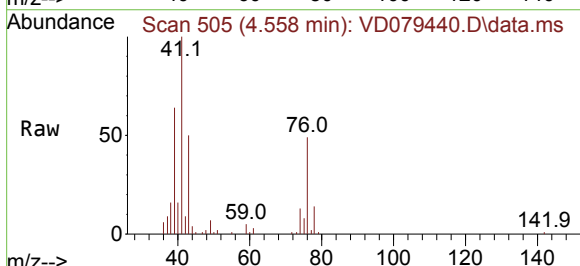
Acq: 29 Jul 2024 16:55

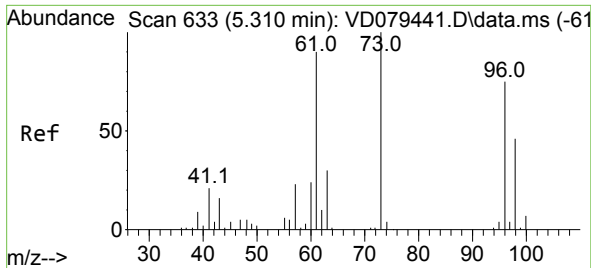
Tgt Ion: 43 Resp: 32689

Ion Ratio Lower Upper

43 100

74 27.2 28.1 42.1#

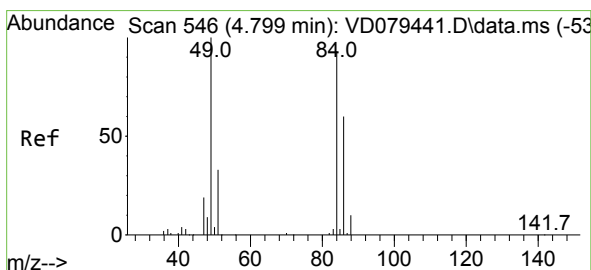
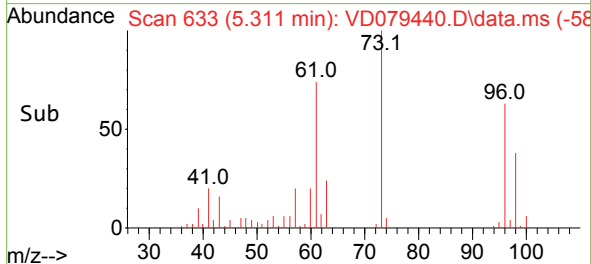
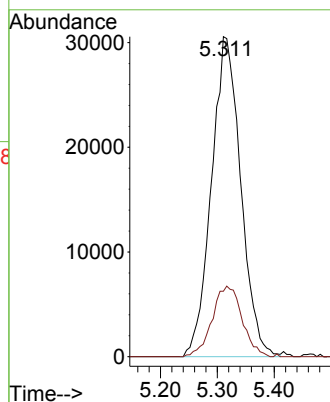
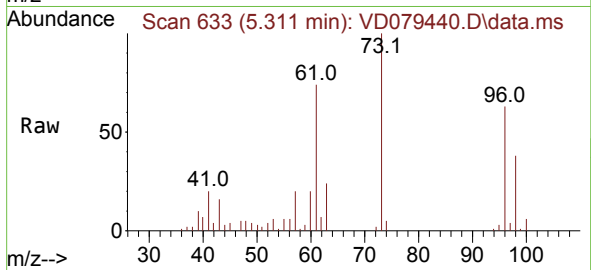




#19
Methyl tert-butyl Ether
Concen: 19.865 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

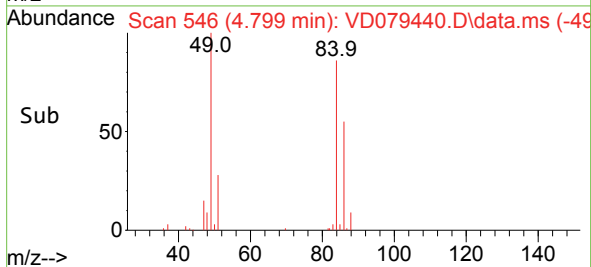
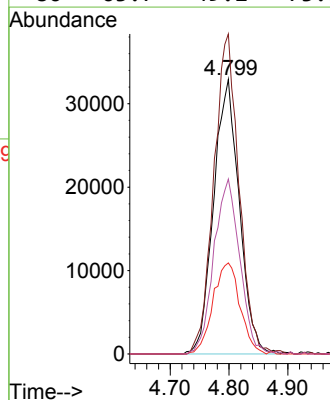
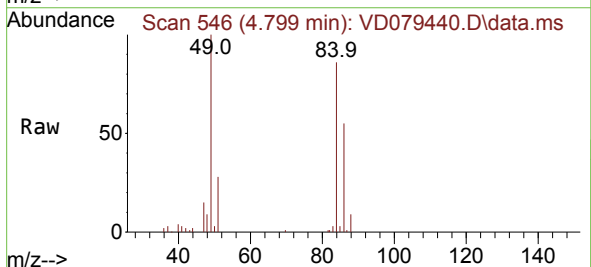
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

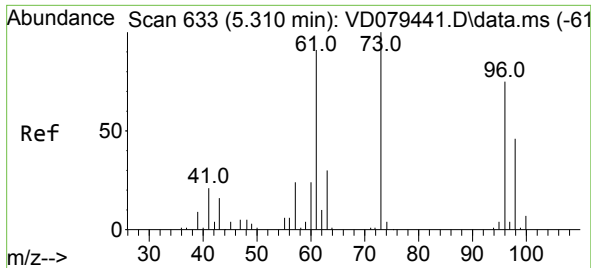
Tgt Ion: 73 Resp: 109500
Ion Ratio Lower Upper
73 100
57 20.5 18.3 27.5



#20
Methylene Chloride
Concen: 18.363 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 84 Resp: 99814
Ion Ratio Lower Upper
84 100
49 116.6 75.6 113.4#
51 33.2 24.2 36.2
86 63.7 49.2 73.8

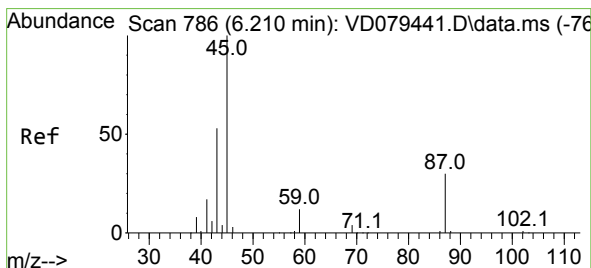
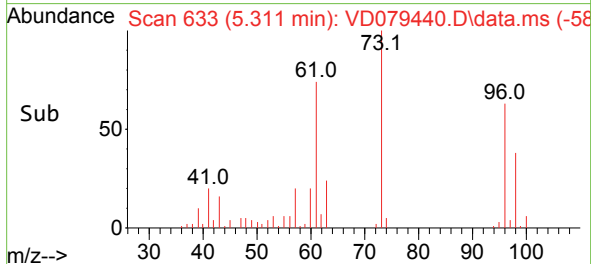
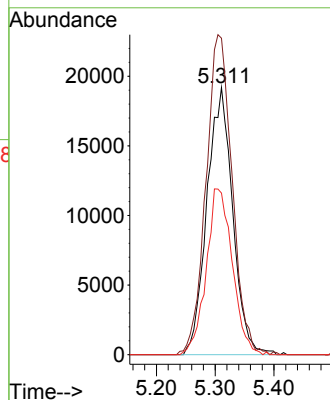
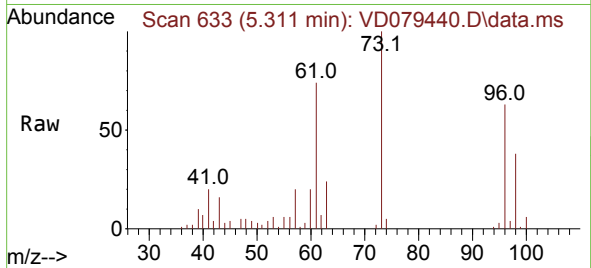




#21
trans-1,2-Dichloroethene
Concen: 19.242 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

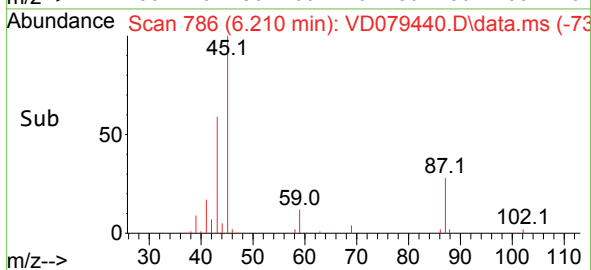
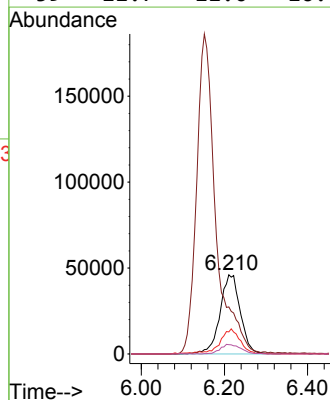
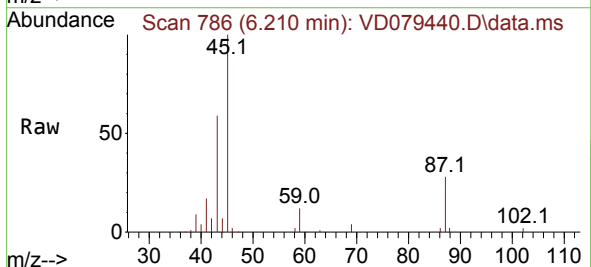
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

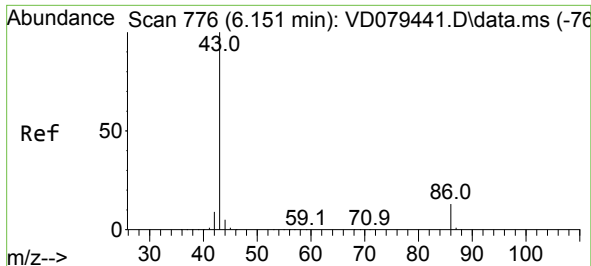
Tgt Ion: 96 Resp: 58373
Ion Ratio Lower Upper
96 100
61 118.4 84.5 126.7
98 60.5 50.5 75.7



#22
Diisopropyl ether
Concen: 19.755 ug/l
RT: 6.210 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 45 Resp: 156738
Ion Ratio Lower Upper
45 100
43 58.2 41.7 62.5
87 27.8 30.2 45.2#
59 11.7 11.0 16.6

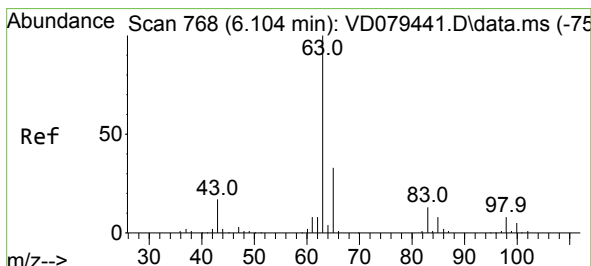
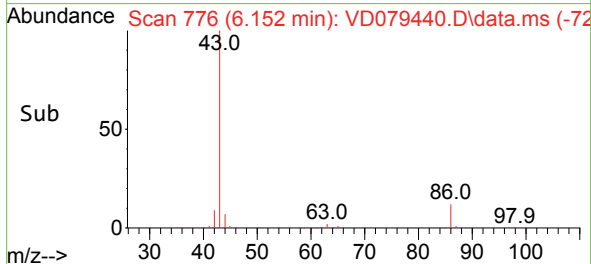
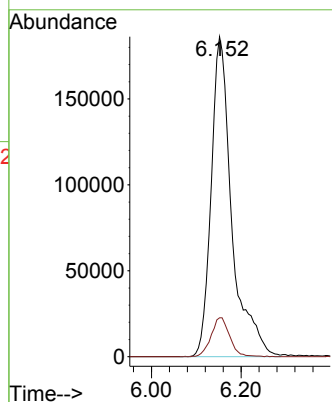
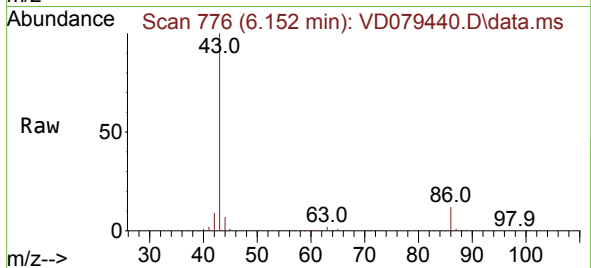




#23
 Vinyl Acetate
 Concen: 99.903 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

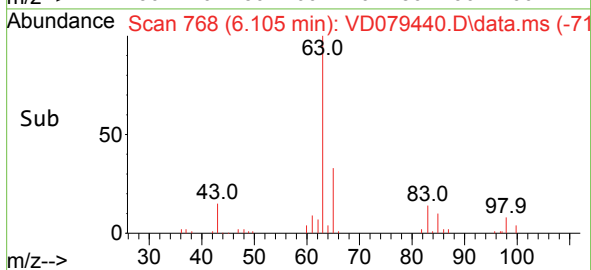
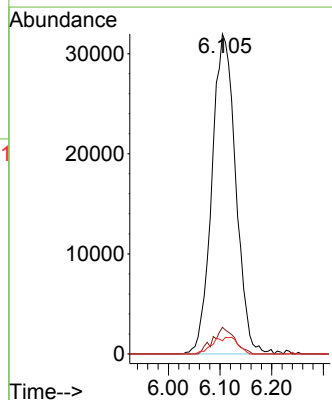
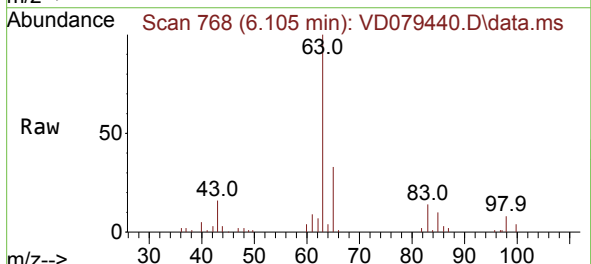
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

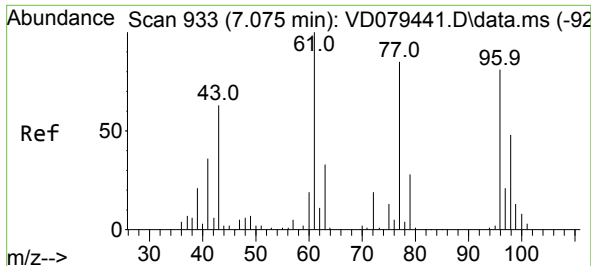
Tgt Ion: 43 Resp: 595856
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 19.286 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

Tgt Ion: 63 Resp: 102544
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.7 14.0
 100 4.1 2.9 8.6

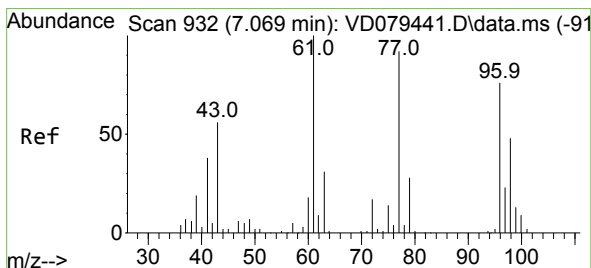
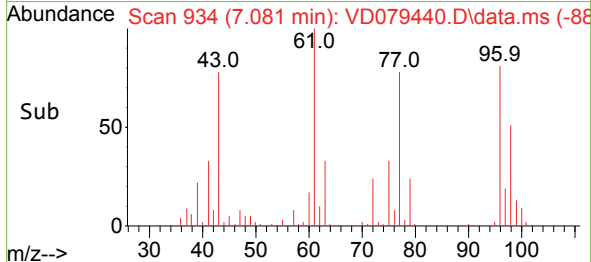
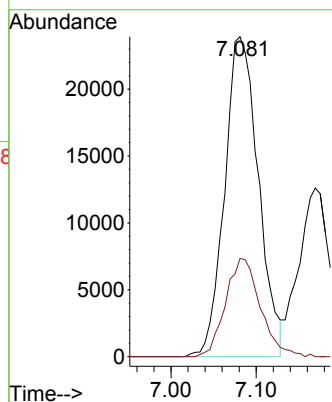
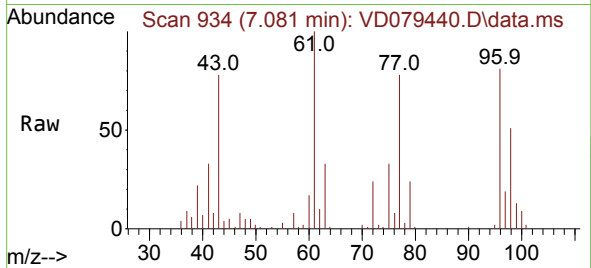




#25
2-Butanone
Concen: 94.181 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

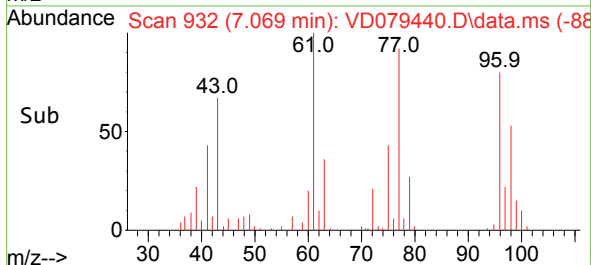
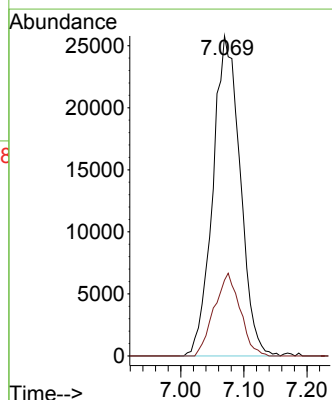
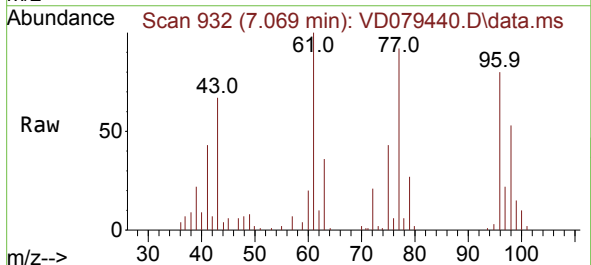
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

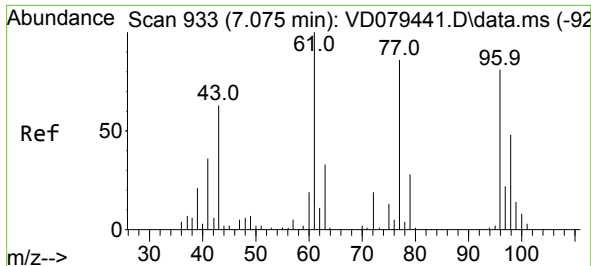
Tgt Ion: 43 Resp: 65887
Ion Ratio Lower Upper
43 100
72 30.7 26.4 39.6



#26
2,2-Dichloropropane
Concen: 18.064 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 77 Resp: 77689
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.2

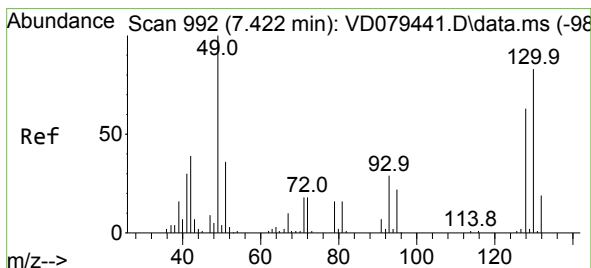
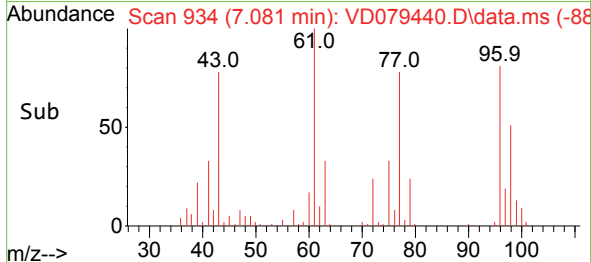
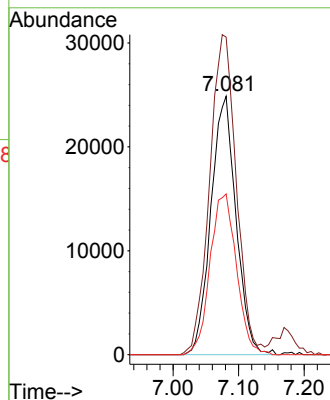
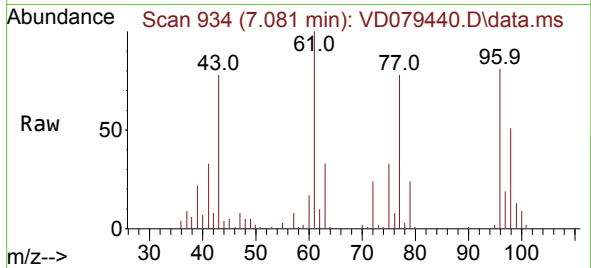




#27
cis-1,2-Dichloroethene
Concen: 19.113 ug/l
RT: 7.081 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

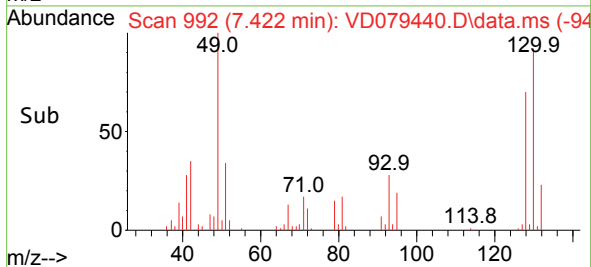
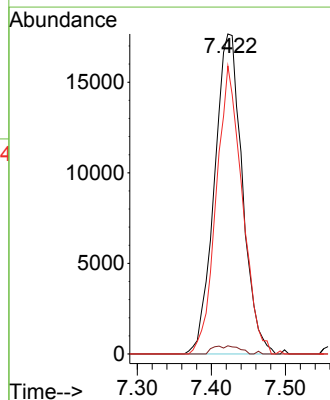
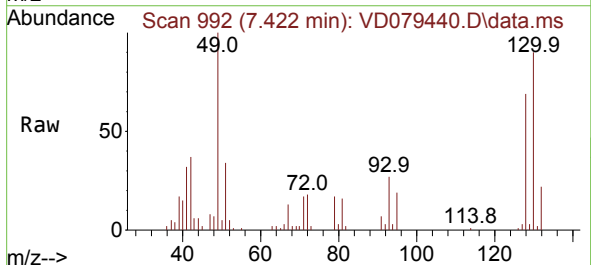
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

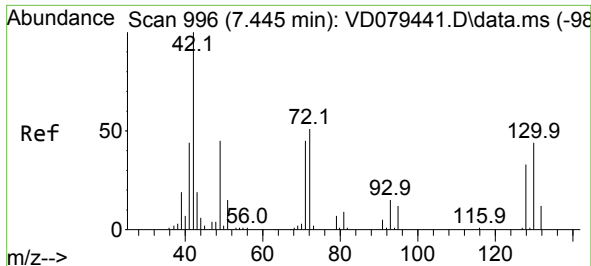
Tgt Ion: 96 Resp: 66276
Ion Ratio Lower Upper
96 100
61 131.5 0.0 229.0
98 65.4 0.0 127.2



#28
Bromochloromethane
Concen: 19.792 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 49 Resp: 46147
Ion Ratio Lower Upper
49 100
129 1.1 0.0 7.0
130 84.1 87.7 131.5#





#29

Tetrahydrofuran

Concen: 100.766 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

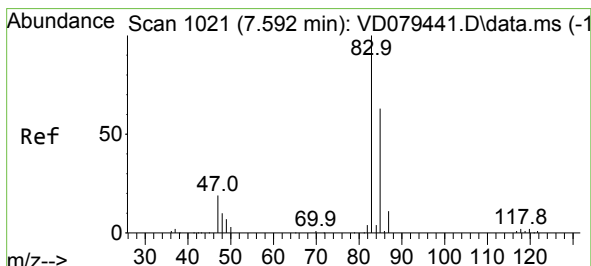
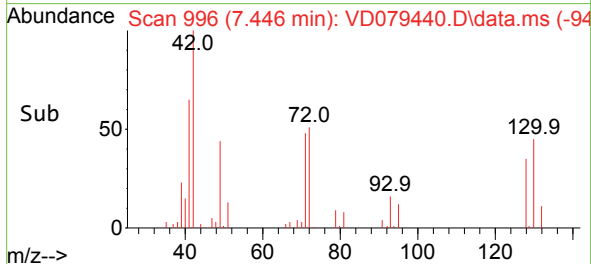
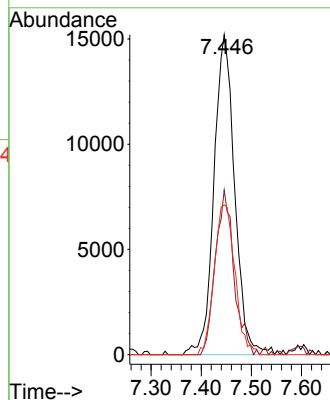
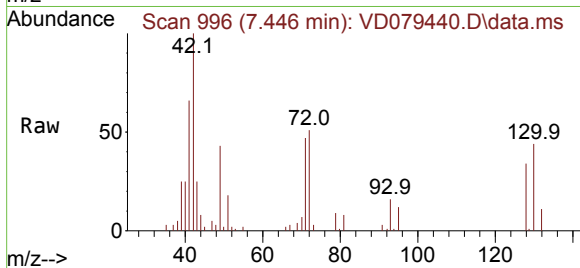
Tgt Ion: 42 Resp: 43687

Ion Ratio Lower Upper

42 100

72 46.0 49.4 74.0#

71 46.8 45.0 67.6



#30

Chloroform

Concen: 19.994 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079440.D

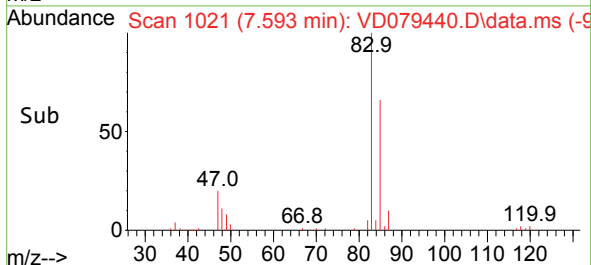
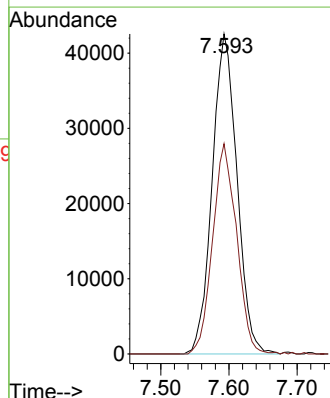
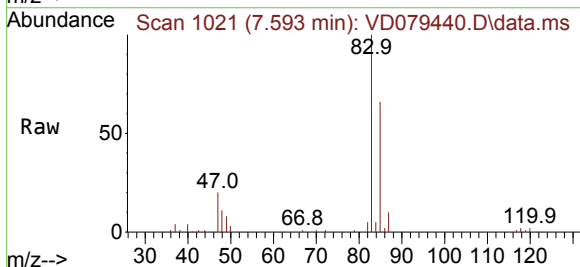
Acq: 29 Jul 2024 16:55

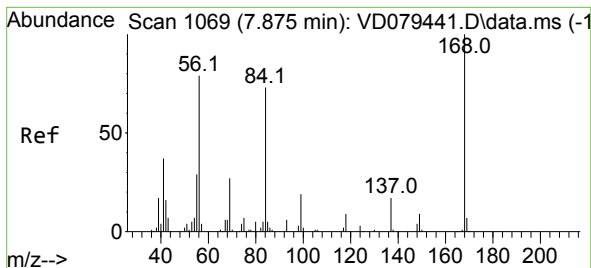
Tgt Ion: 83 Resp: 107659

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.6





#31

Cyclohexane

Concen: 18.365 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

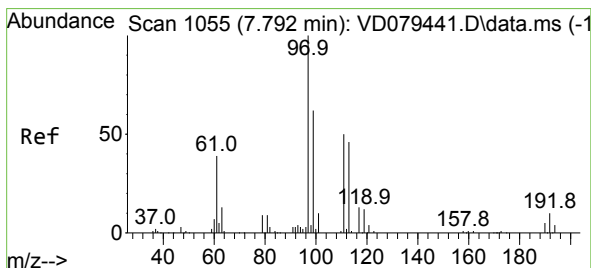
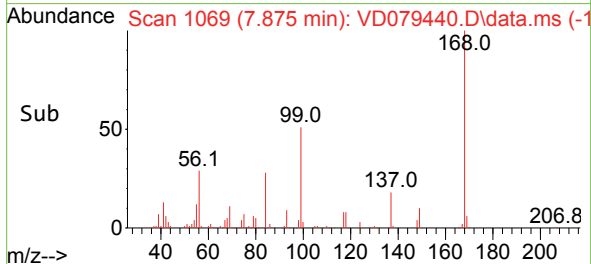
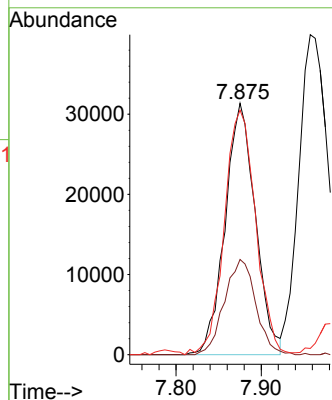
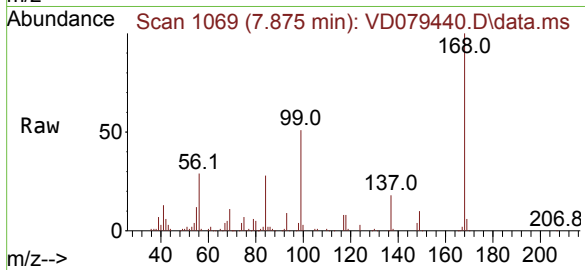
Tgt Ion: 56 Resp: 77442

Ion Ratio Lower Upper

56 100

69 37.9 28.0 42.0

84 96.3 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 19.568 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

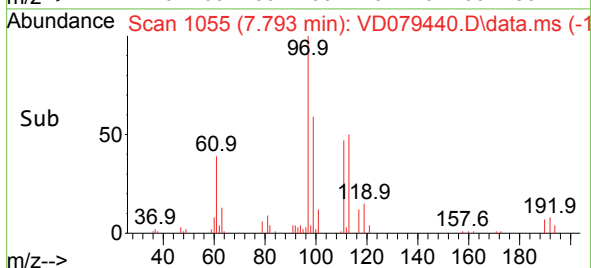
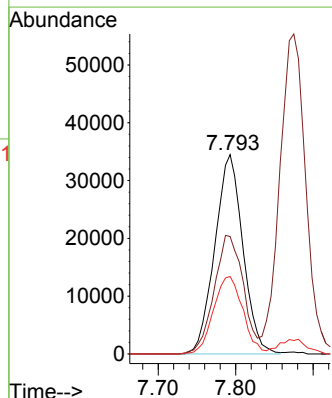
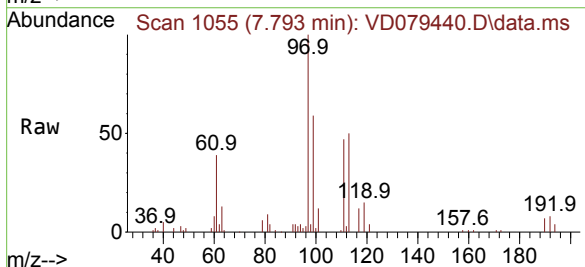
Tgt Ion: 97 Resp: 86942

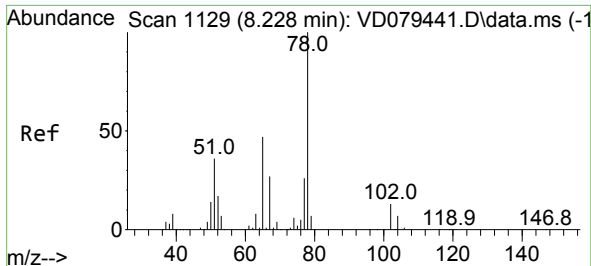
Ion Ratio Lower Upper

97 100

99 61.4 51.3 76.9

61 40.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 18.943 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

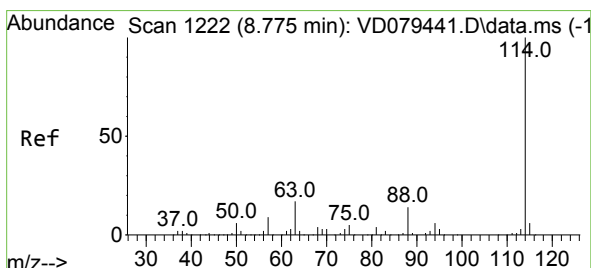
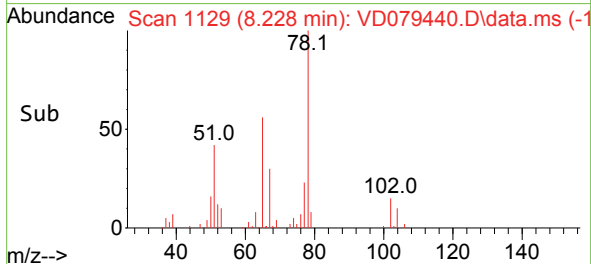
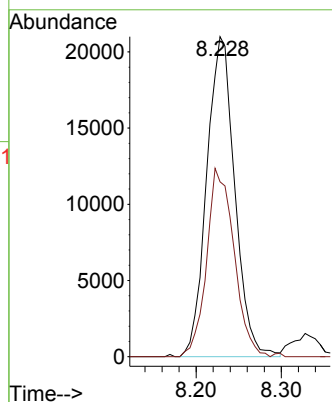
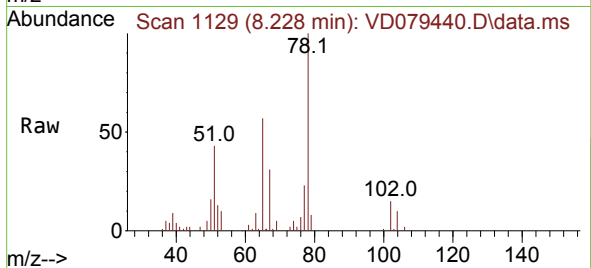
VSTDIC020

Tgt Ion: 65 Resp: 48099

Ion Ratio Lower Upper

65 100

67 57.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

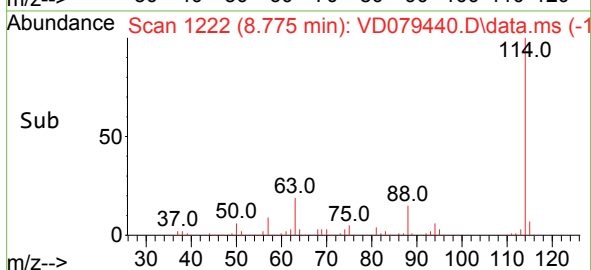
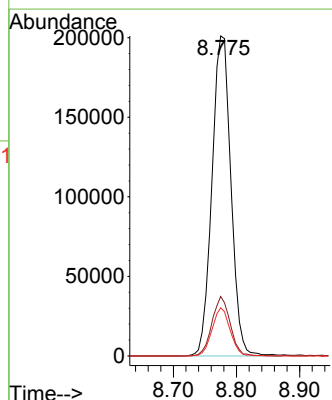
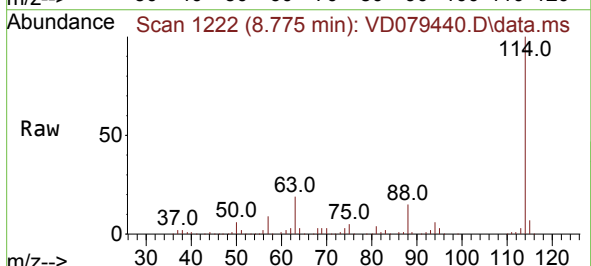
Tgt Ion: 114 Resp: 420134

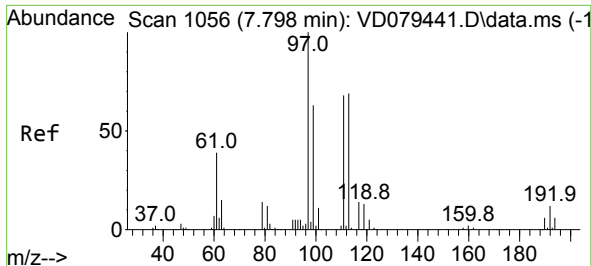
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.0 0.0 27.2

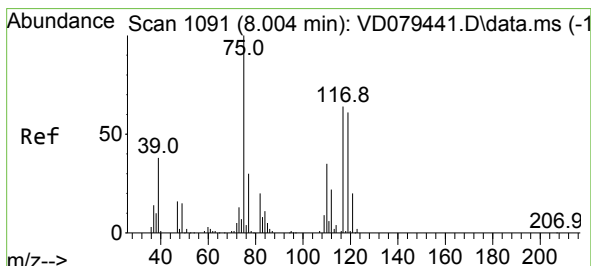
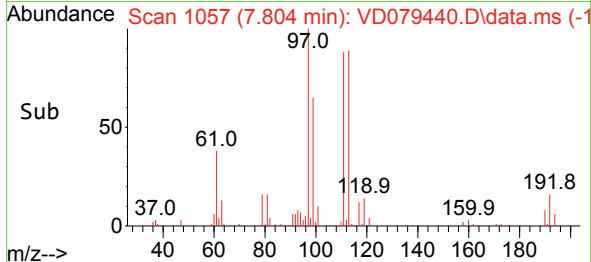
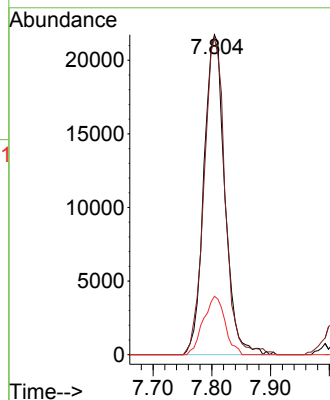
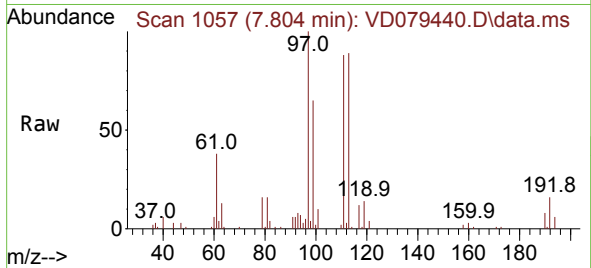




#35
Dibromofluoromethane
Concen: 18.840 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

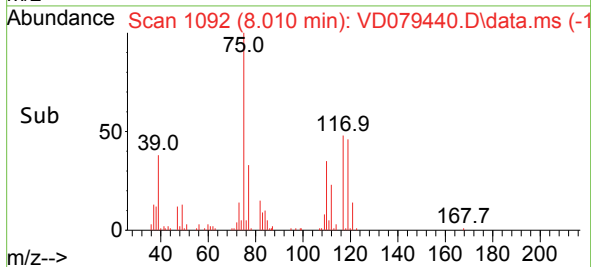
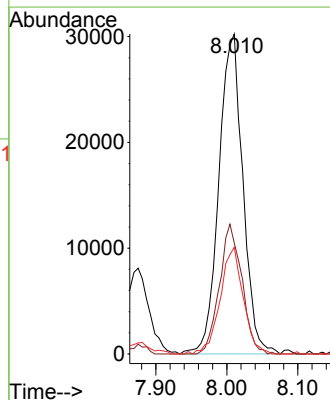
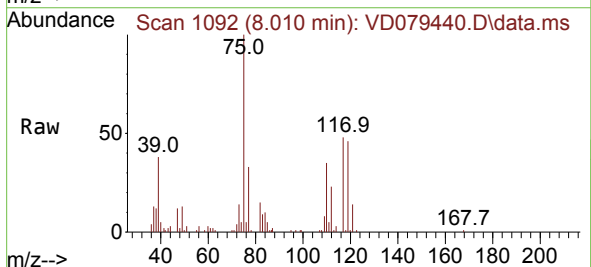
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

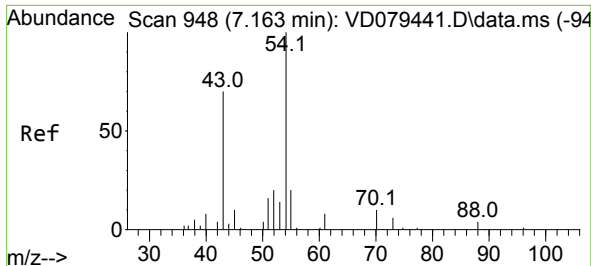
Tgt Ion:113 Resp: 53575
Ion Ratio Lower Upper
113 100
111 99.8 84.0 126.0
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.270 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 75 Resp: 70911
Ion Ratio Lower Upper
75 100
110 38.0 19.6 58.7
77 32.1 26.1 39.1





#37

Ethyl Acetate

Concen: 19.476 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

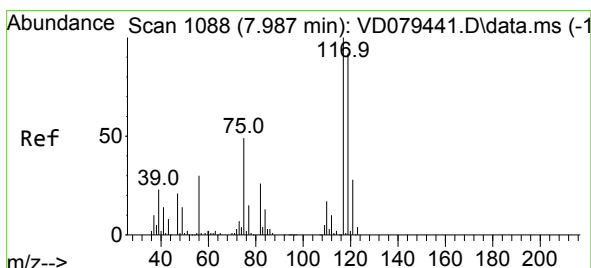
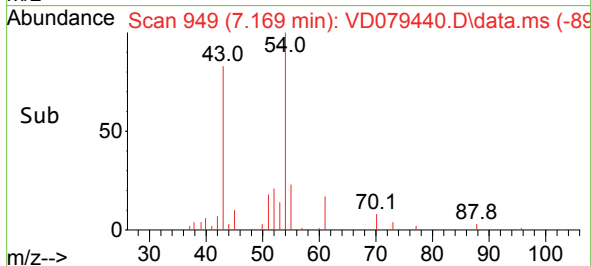
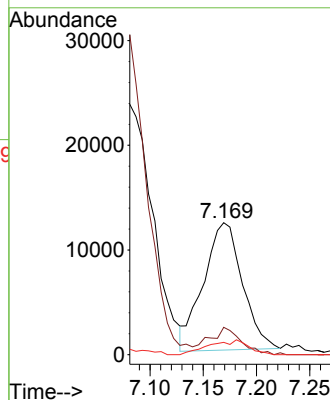
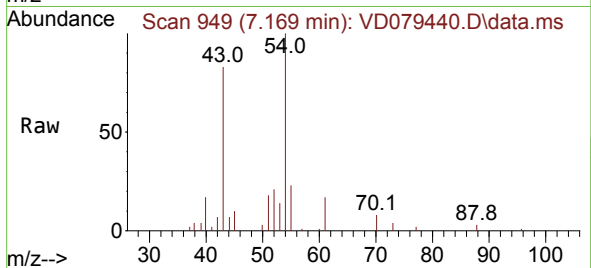
Tgt Ion: 43 Resp: 30993

Ion Ratio Lower Upper

43 100

61 17.7 13.9 20.9

70 11.7 9.8 14.6



#38

Carbon Tetrachloride

Concen: 19.277 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

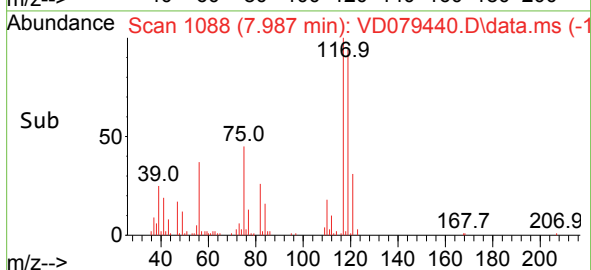
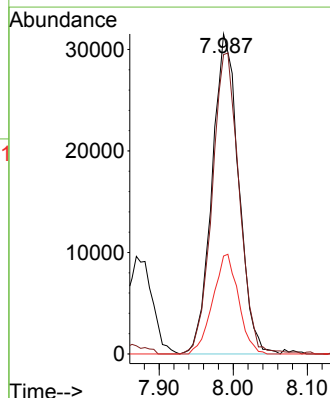
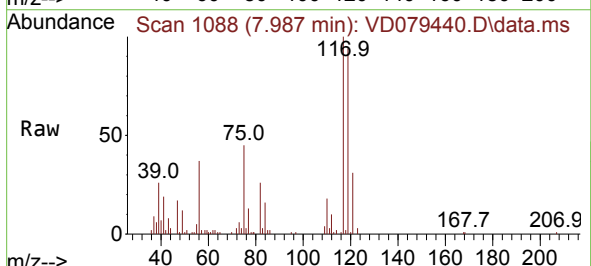
Tgt Ion: 117 Resp: 78655

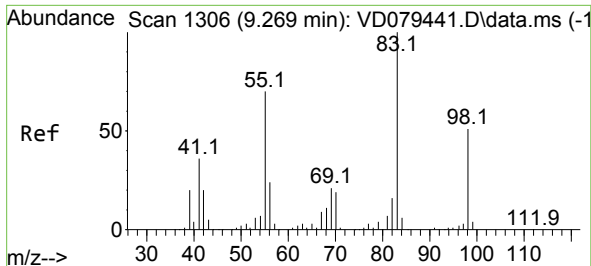
Ion Ratio Lower Upper

117 100

119 93.5 75.4 113.0

121 30.6 25.0 37.4





#39

Methylcyclohexane

Concen: 17.576 ug/l

RT: 9.269 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

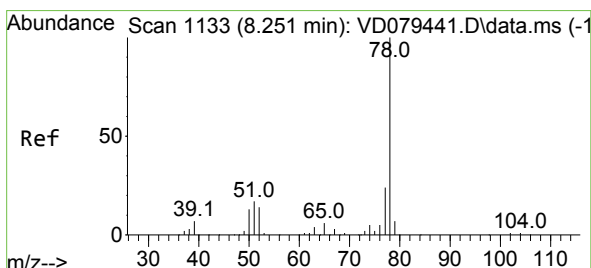
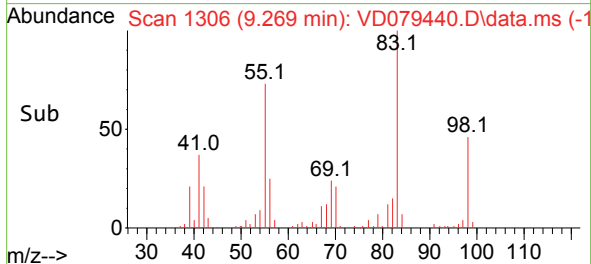
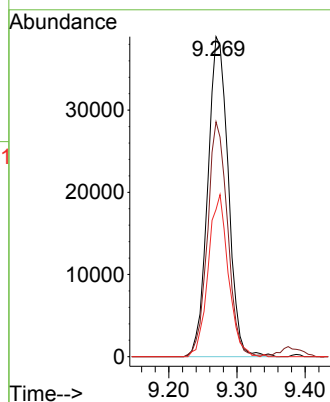
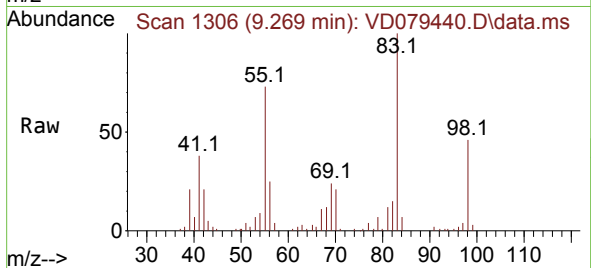
Tgt Ion: 83 Resp: 81393

Ion Ratio Lower Upper

83 100

55 73.4 50.1 75.1

98 46.0 41.9 62.9



#40

Benzene

Concen: 18.907 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079440.D

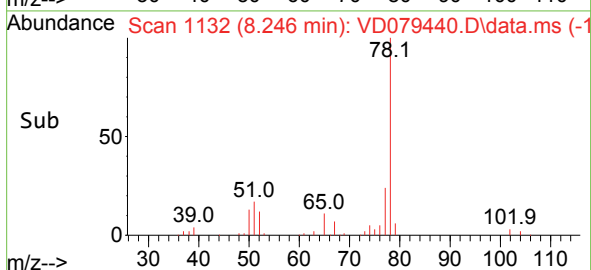
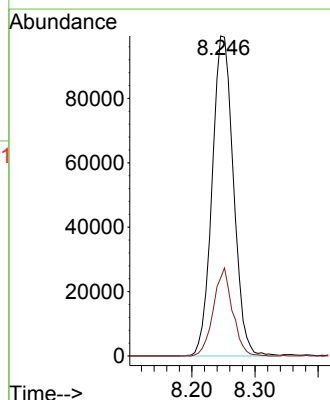
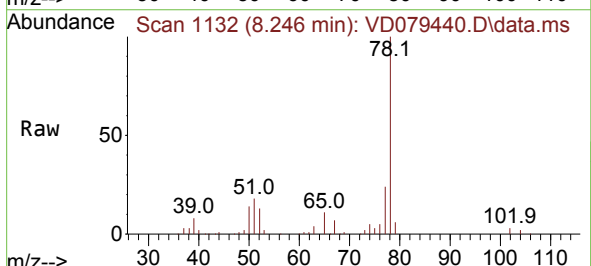
Acq: 29 Jul 2024 16:55

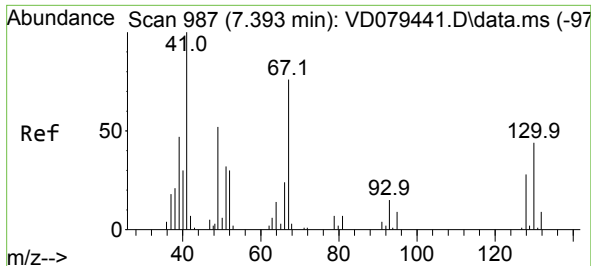
Tgt Ion: 78 Resp: 233079

Ion Ratio Lower Upper

78 100

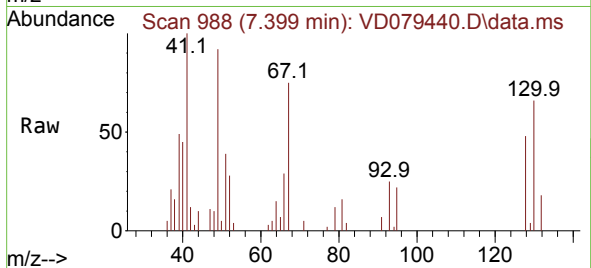
77 24.4 18.1 27.1



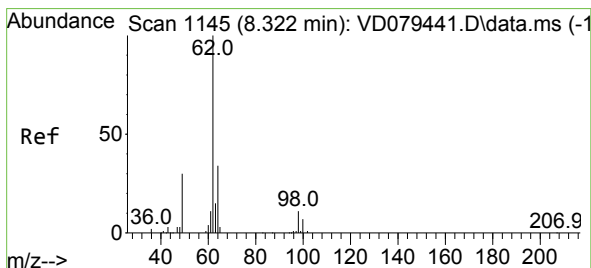
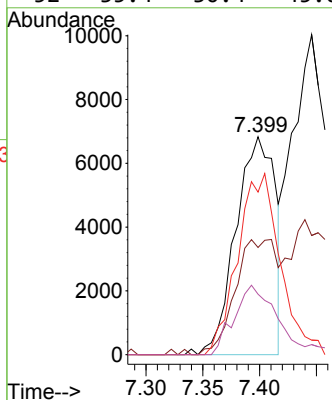
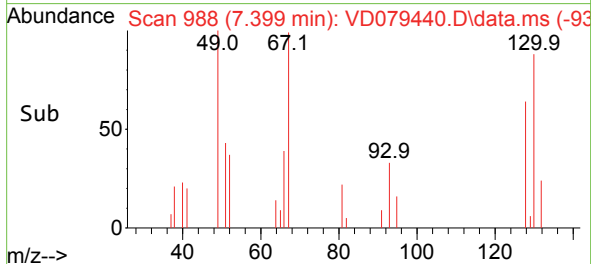


#41
Methacrylonitrile
Concen: 18.827 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

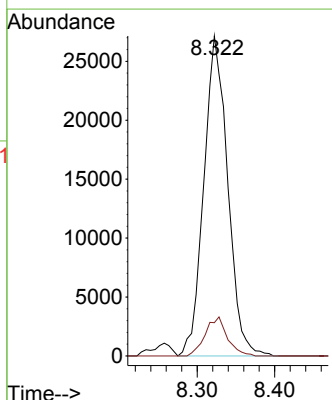
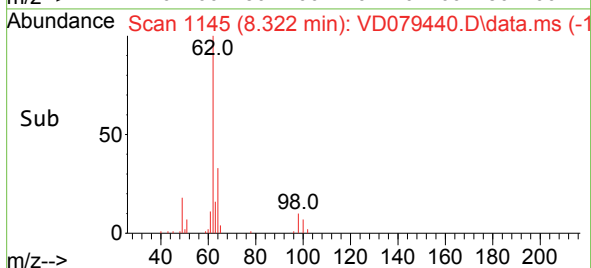
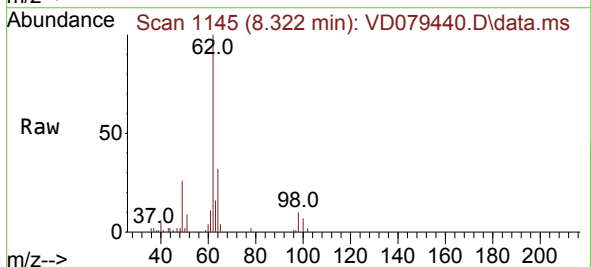


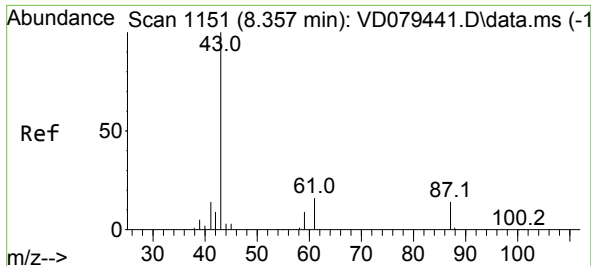
Tgt Ion:	41	Resp:	16480
Ion	Ratio	Lower	Upper
41	100		
39	55.3	41.4	62.0
67	89.7	85.8	128.6
52	35.4	30.4	45.6



#42
1,2-Dichloroethane
Concen: 19.824 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion:	62	Resp:	58236
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8

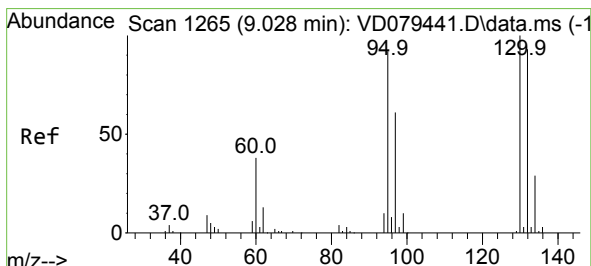
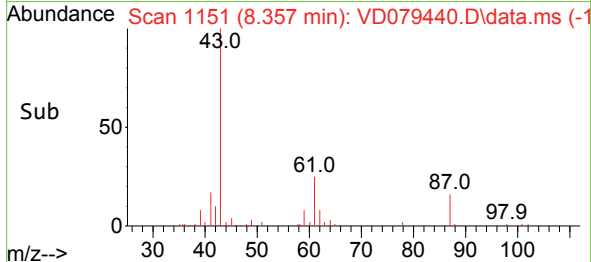
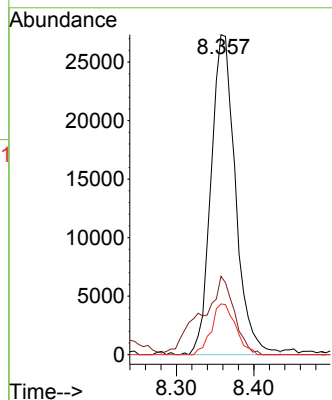
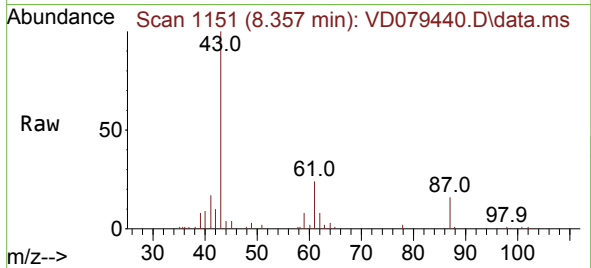




#43
Isopropyl Acetate
Concen: 20.002 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

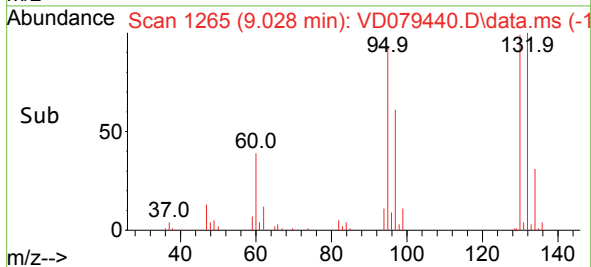
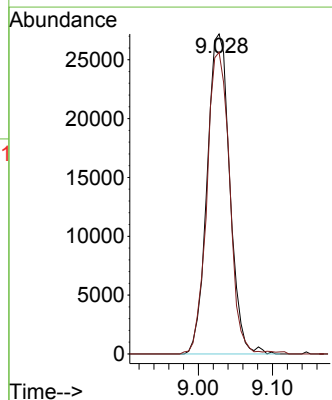
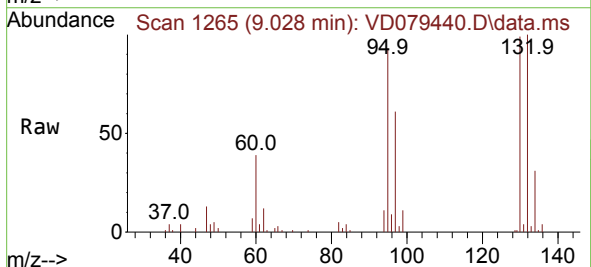
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

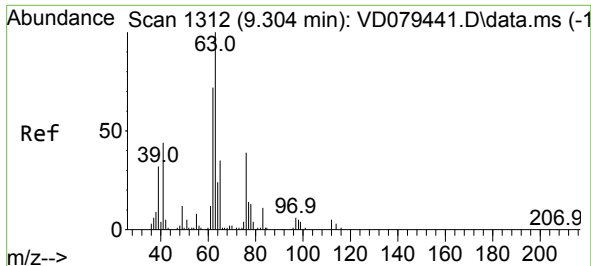
Tgt Ion: 43 Resp: 59821
Ion Ratio Lower Upper
43 100
61 33.0 29.3 43.9
87 15.8 14.9 22.3



#44
Trichloroethene
Concen: 18.827 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion:130 Resp: 57776
Ion Ratio Lower Upper
130 100
95 94.3 0.0 177.8





#45

1,2-Dichloropropane

Concen: 19.326 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

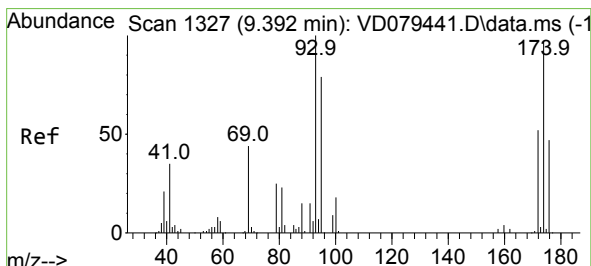
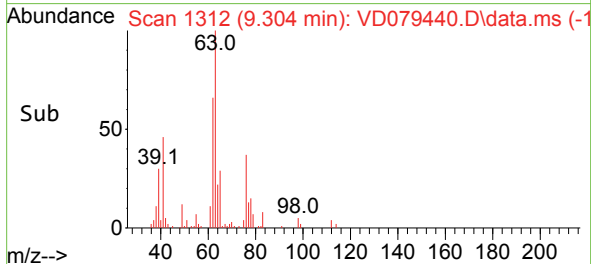
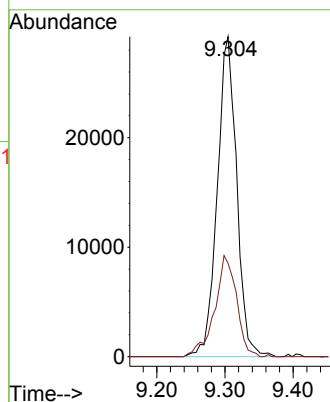
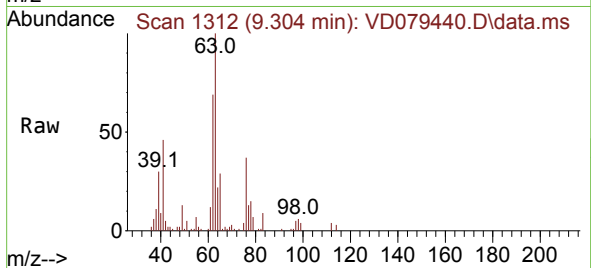
VSTDIC020

Tgt Ion: 63 Resp: 57979

Ion Ratio Lower Upper

63 100

65 29.2 23.8 35.8



#46

Dibromomethane

Concen: 20.107 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

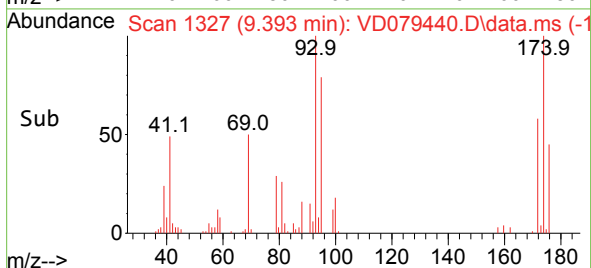
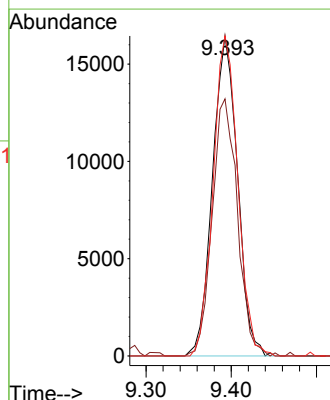
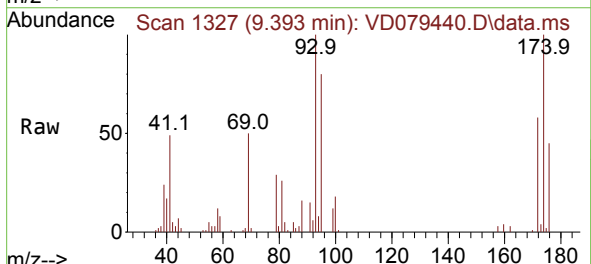
Tgt Ion: 93 Resp: 33441

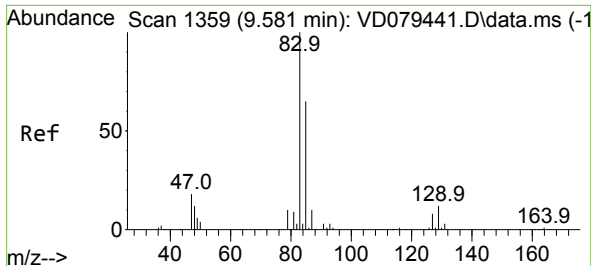
Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

174 99.0 82.3 123.5

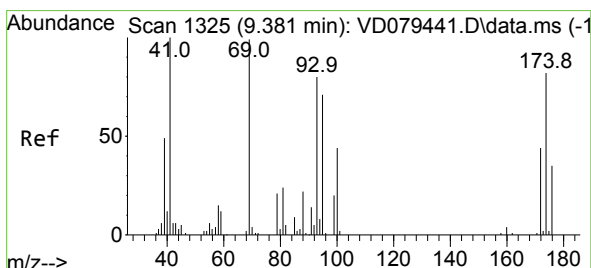
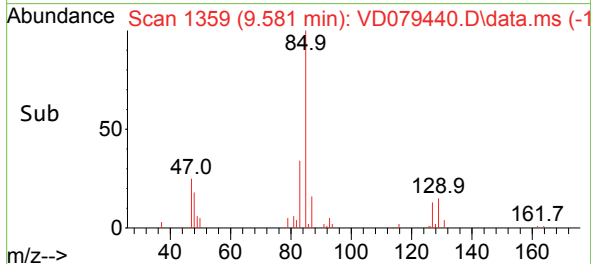
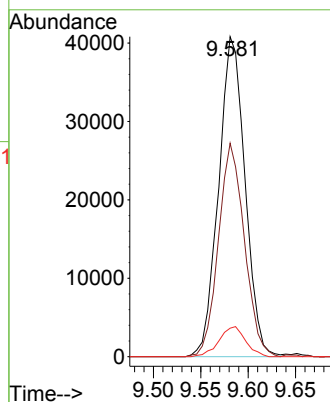
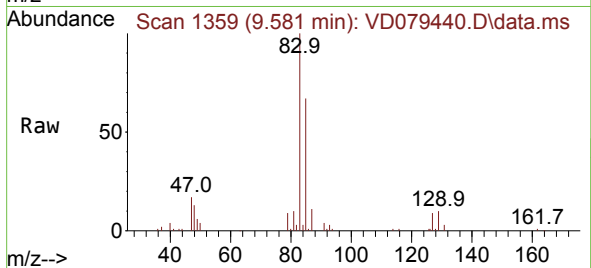




#47
Bromodichloromethane
Concen: 19.401 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

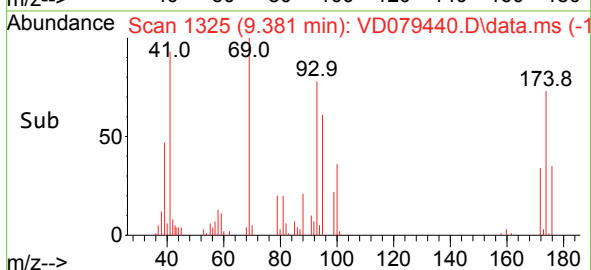
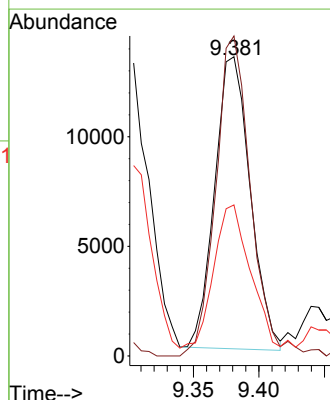
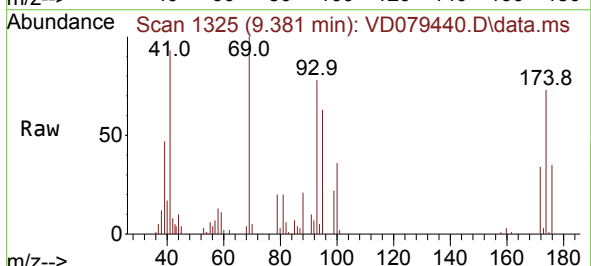
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

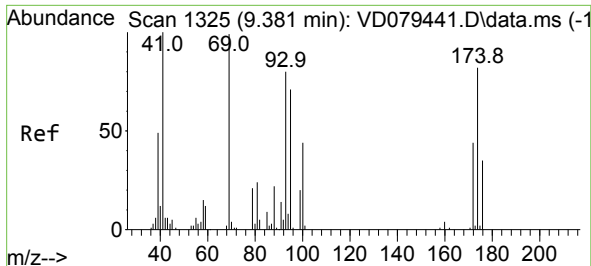
Tgt Ion: 83 Resp: 79230
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 18.767 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 41 Resp: 25119
Ion Ratio Lower Upper
41 100
69 108.4 96.7 145.1
39 51.1 43.8 65.6





#49

1,4-Dioxane

Concen: 393.366 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

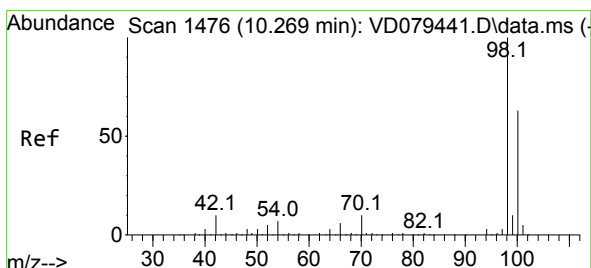
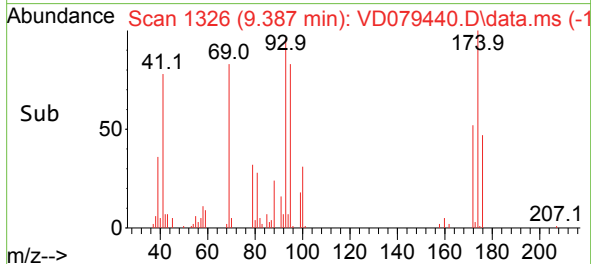
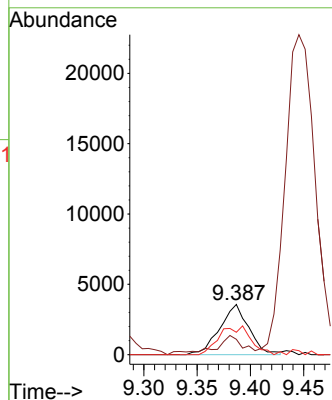
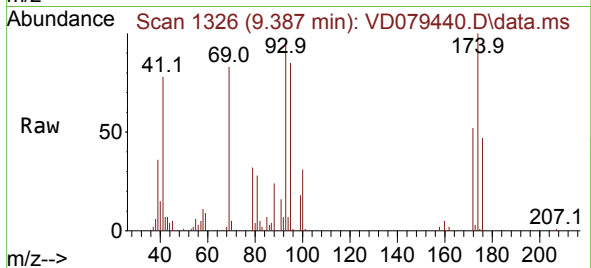
Tgt Ion: 88 Resp: 6779

Ion Ratio Lower Upper

88 100

43 25.0 21.5 32.3

58 62.0 42.2 63.4



#50

Toluene-d8

Concen: 17.935 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079440.D

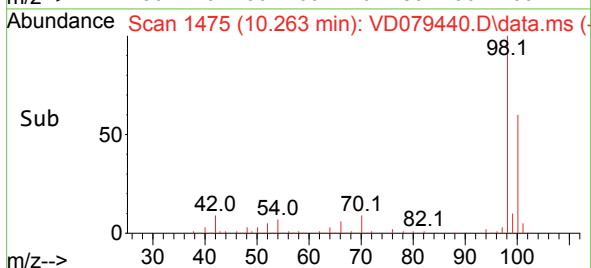
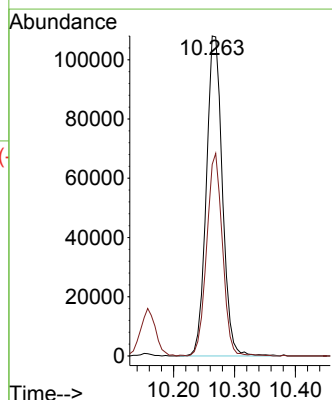
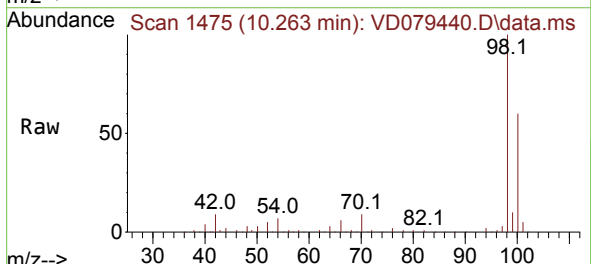
Acq: 29 Jul 2024 16:55

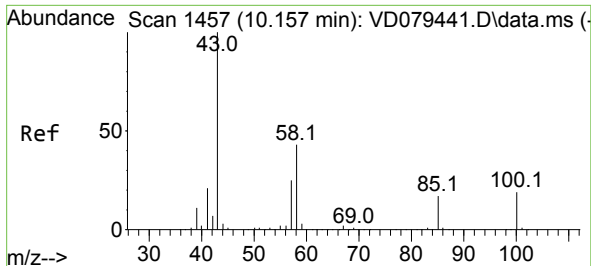
Tgt Ion: 98 Resp: 198058

Ion Ratio Lower Upper

98 100

100 62.2 51.6 77.4

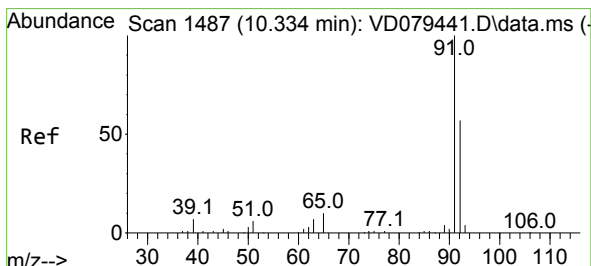
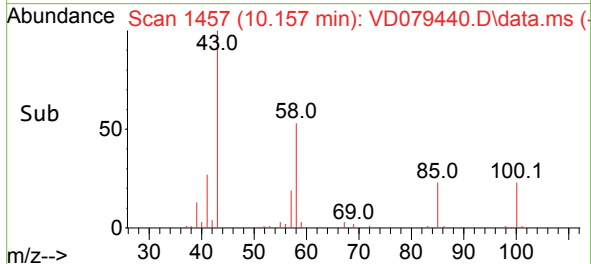
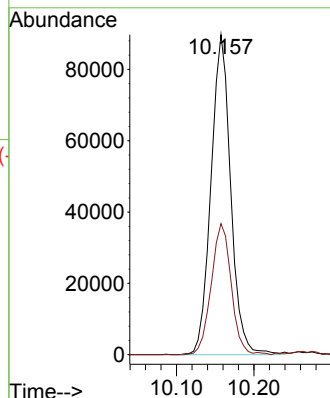
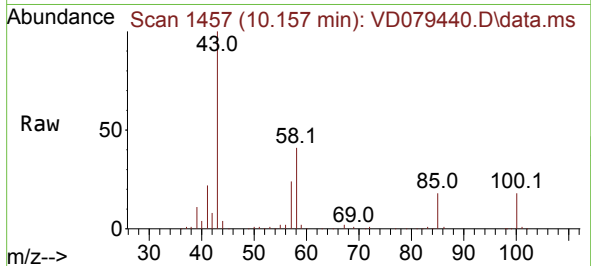




#51
4-Methyl-2-Pentanone
Concen: 103.833 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

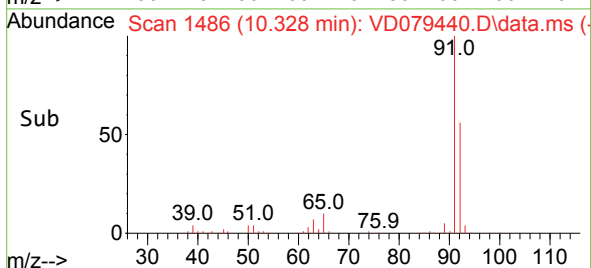
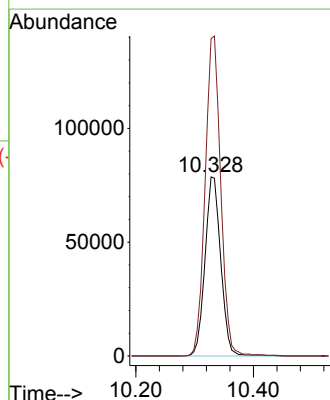
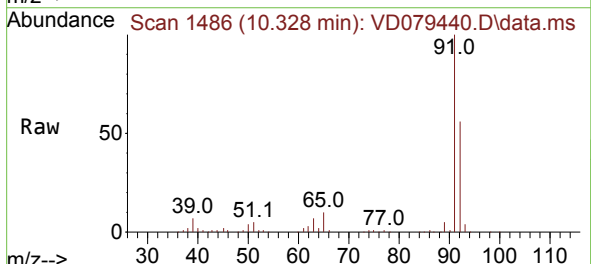
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

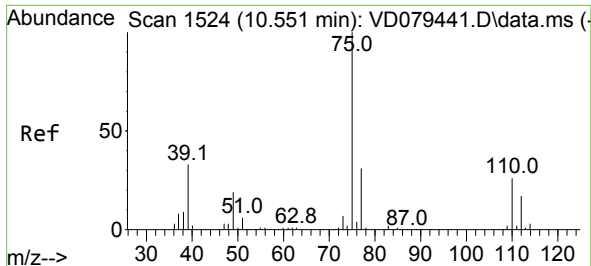
Tgt Ion: 43 Resp: 158547
Ion Ratio Lower Upper
43 100
58 41.5 36.6 55.0



#52
Toluene
Concen: 19.089 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 92 Resp: 145541
Ion Ratio Lower Upper
92 100
91 177.6 141.7 212.5

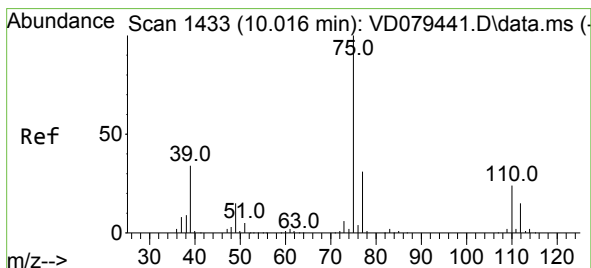
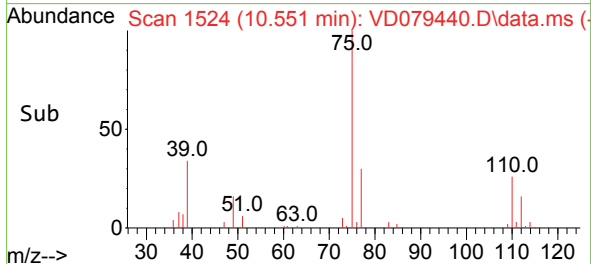
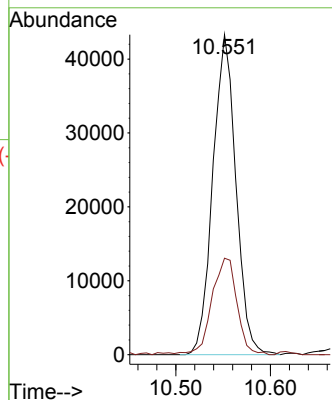
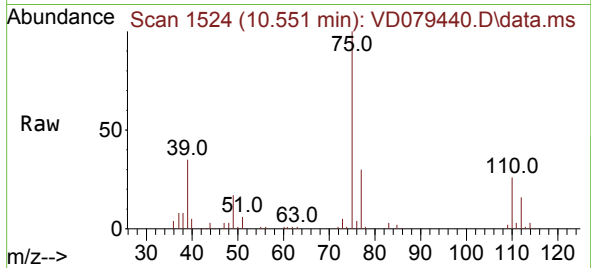




#53
 t-1,3-Dichloropropene
 Concen: 19.448 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

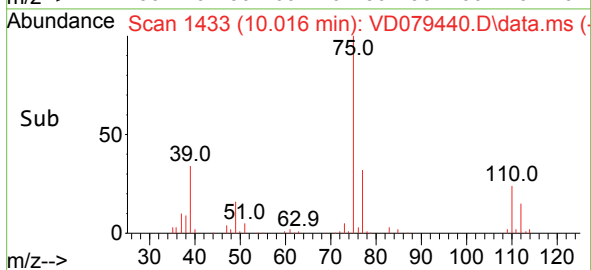
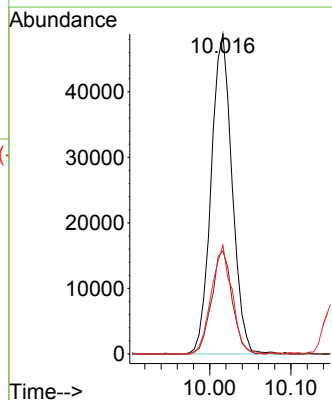
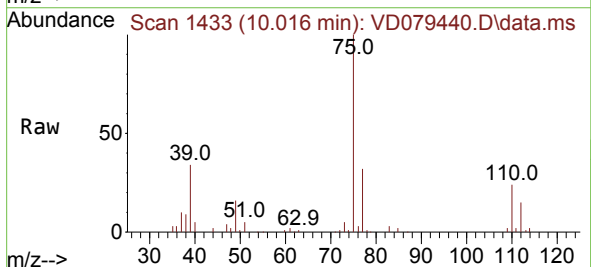
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

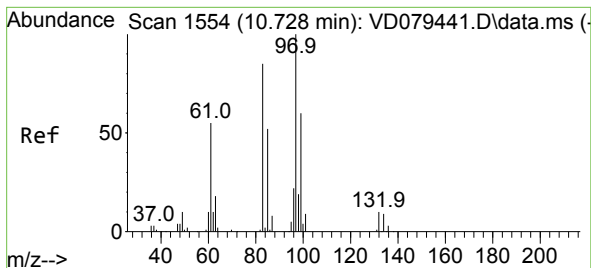
Tgt Ion: 75 Resp: 73341
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.257 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

Tgt Ion: 75 Resp: 87356
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.4 36.6
 39 34.0 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 20.895 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 45777

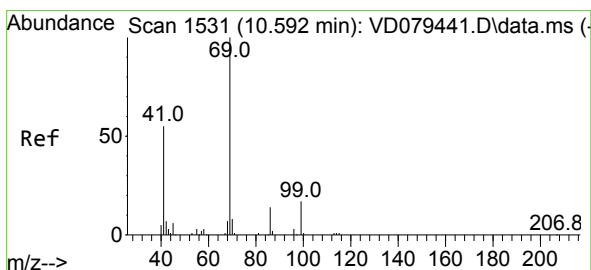
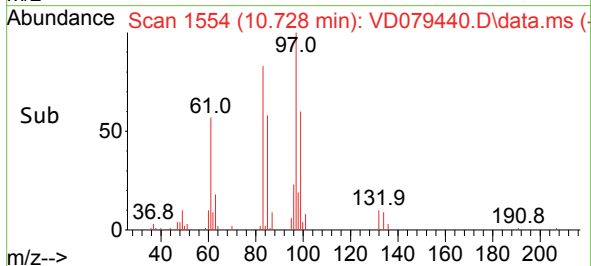
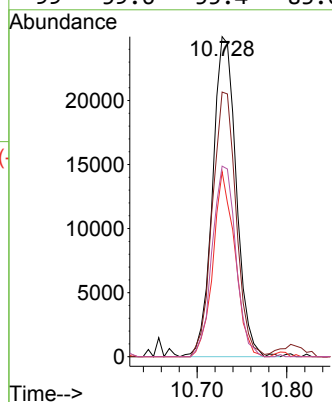
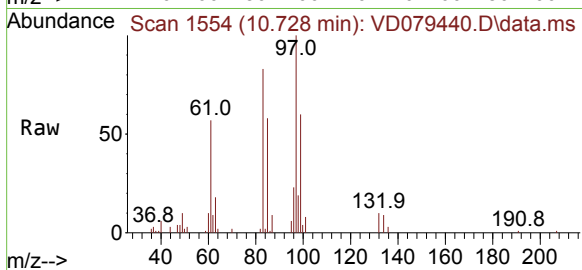
Ion Ratio Lower Upper

97 100

83 82.7 65.8 98.8

85 57.8 43.8 65.8

99 59.6 55.4 83.0



#56

Ethyl methacrylate

Concen: 18.951 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

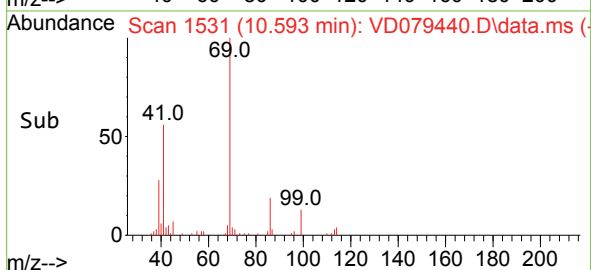
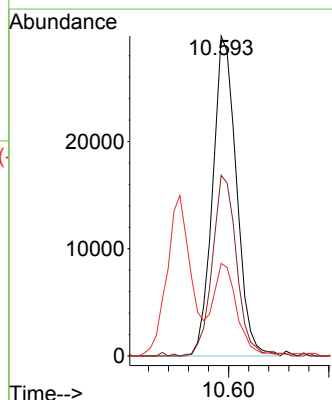
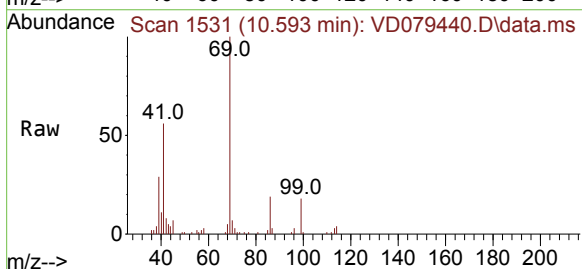
Tgt Ion: 69 Resp: 49194

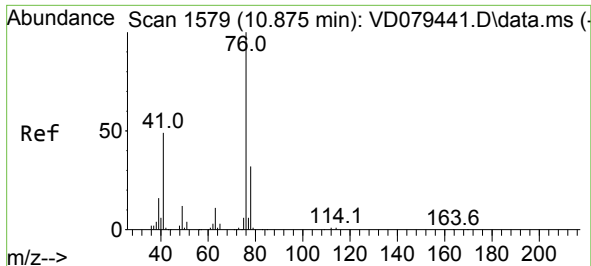
Ion Ratio Lower Upper

69 100

41 57.9 39.8 59.6

39 28.2 20.2 30.4





#57

1,3-Dichloropropane

Concen: 19.701 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

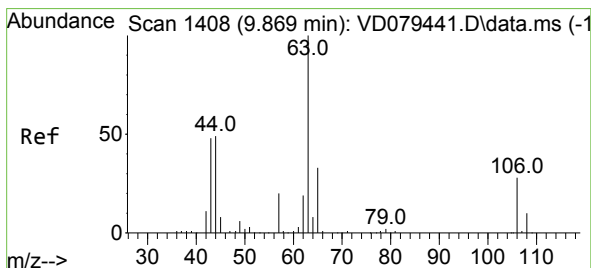
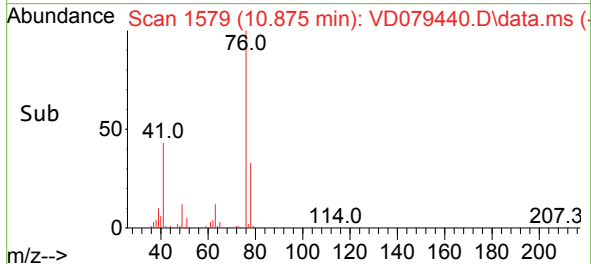
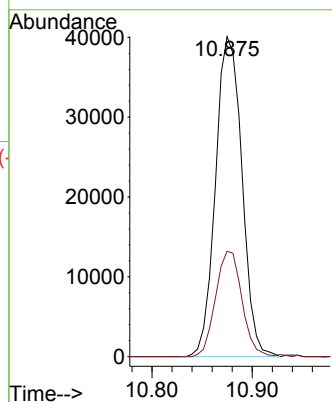
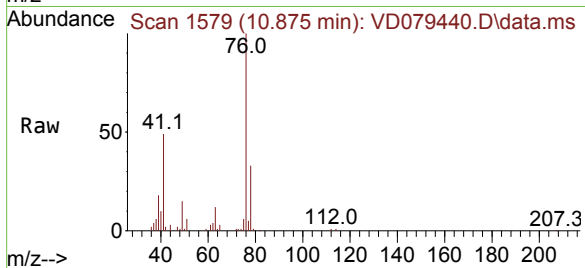
VSTDICC020

Tgt Ion: 76 Resp: 73344

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 89.440 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079440.D

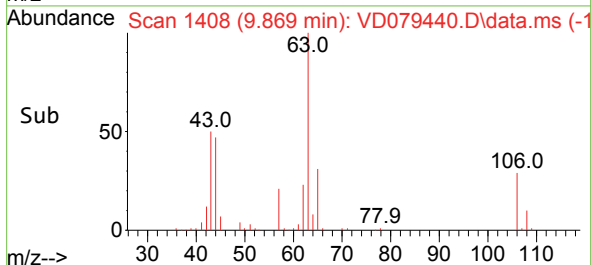
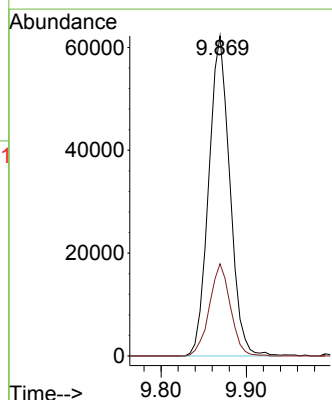
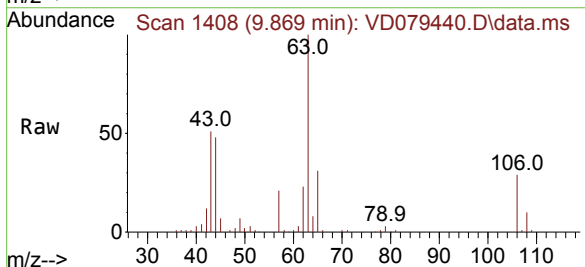
Acq: 29 Jul 2024 16:55

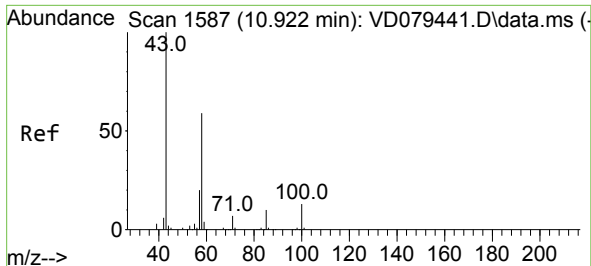
Tgt Ion: 63 Resp: 107074

Ion Ratio Lower Upper

63 100

106 28.7 26.4 39.6

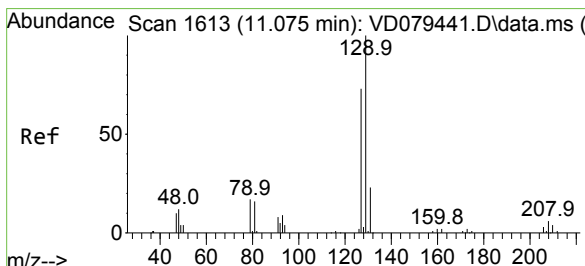
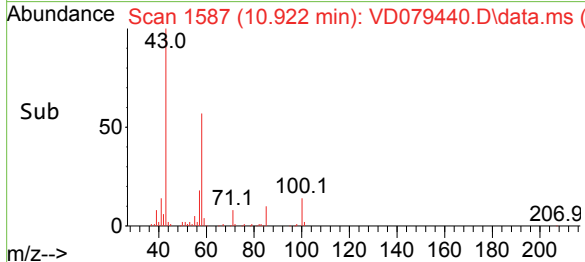
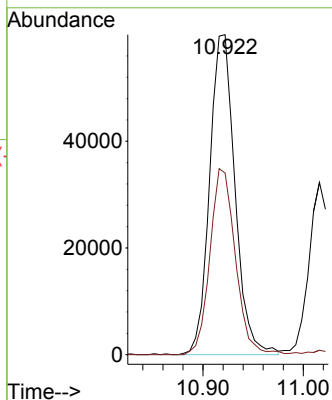
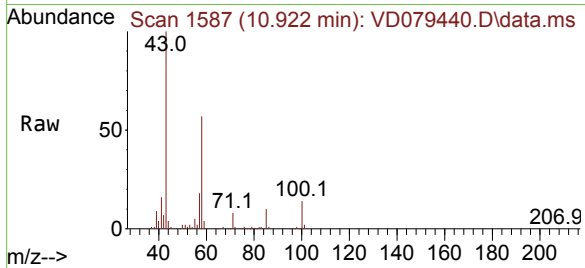




#59
2-Hexanone
Concen: 98.870 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

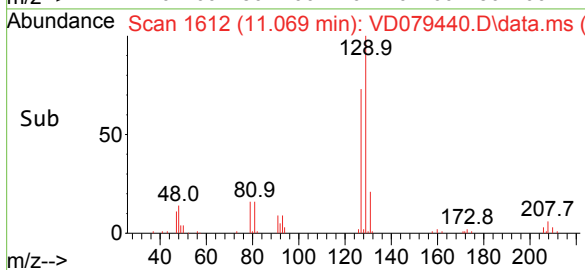
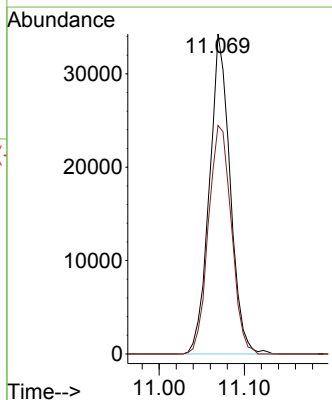
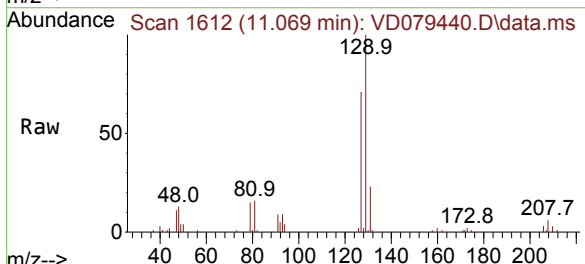
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

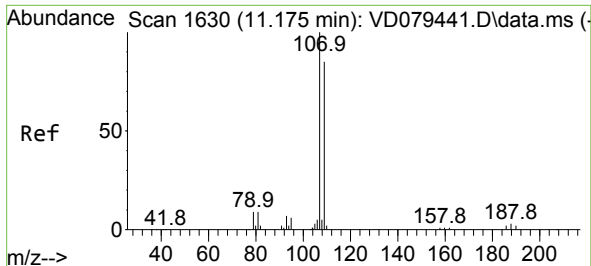
Tgt Ion: 43 Resp: 105289
Ion Ratio Lower Upper
43 100
58 58.4 31.1 93.5



#60
Dibromochloromethane
Concen: 20.207 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 129 Resp: 57831
Ion Ratio Lower Upper
129 100
127 78.9 38.0 113.9

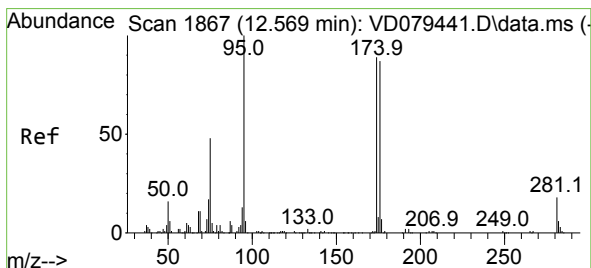
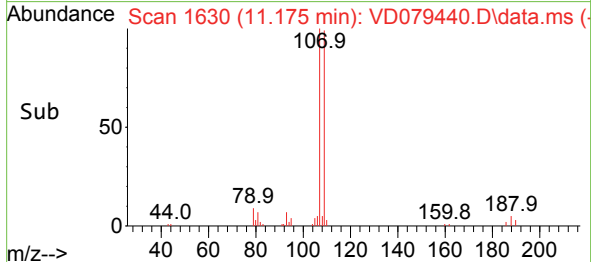
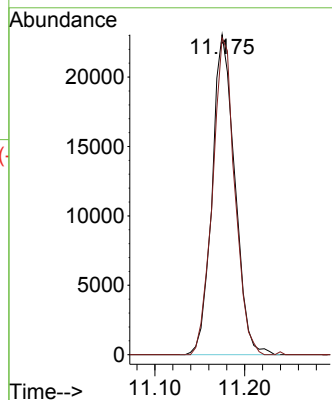
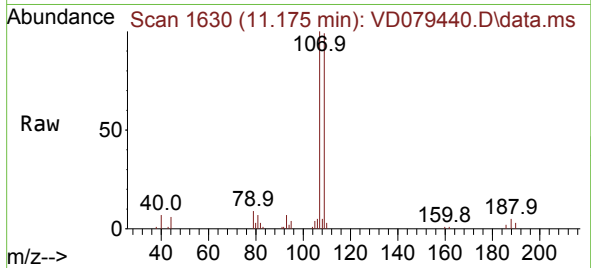




#61
1,2-Dibromoethane
Concen: 19.720 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

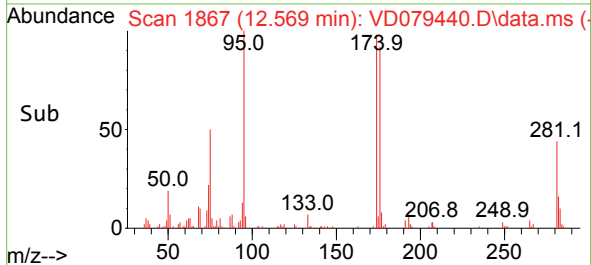
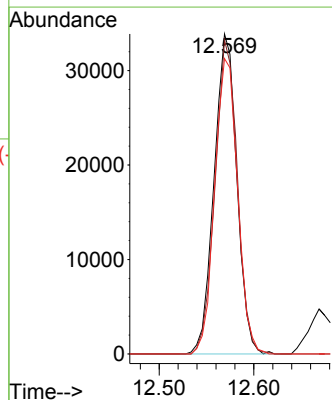
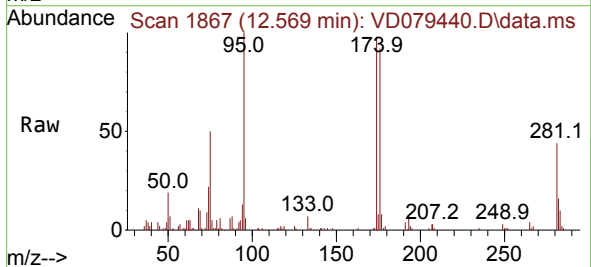
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

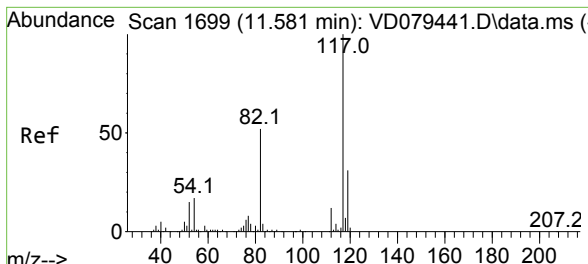
Tgt Ion:107 Resp: 40474
Ion Ratio Lower Upper
107 100
109 97.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 17.670 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 95 Resp: 56465
Ion Ratio Lower Upper
95 100
174 96.2 0.0 195.4
176 93.5 0.0 192.6

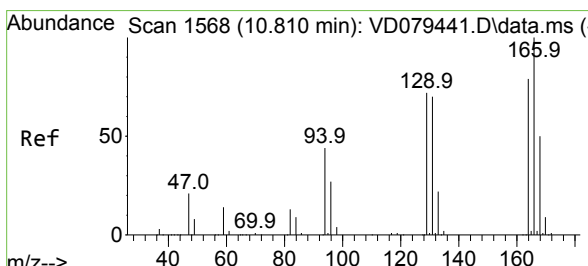
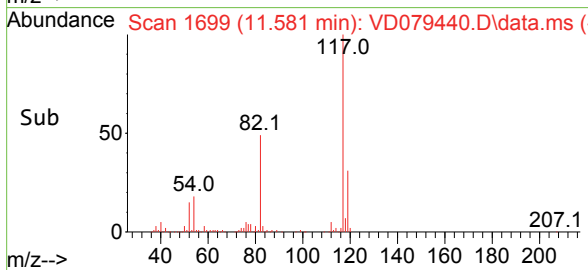
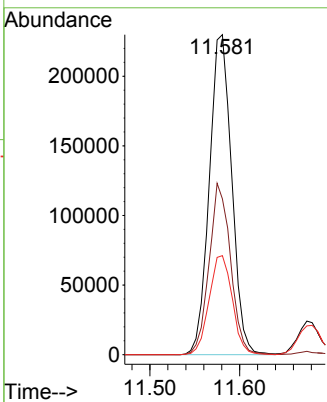
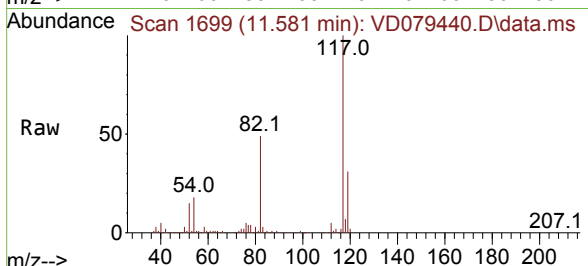




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

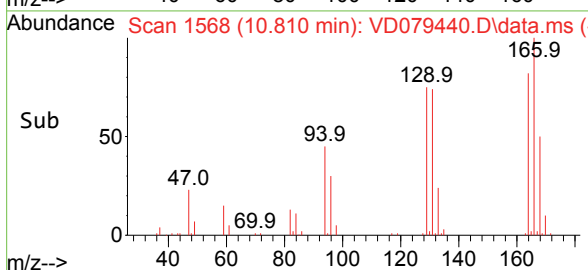
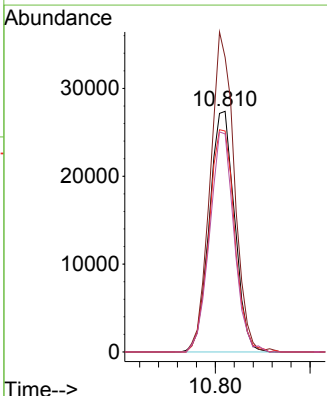
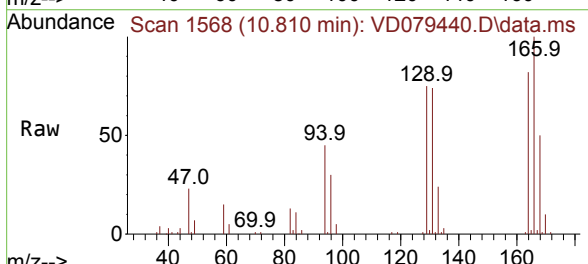
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

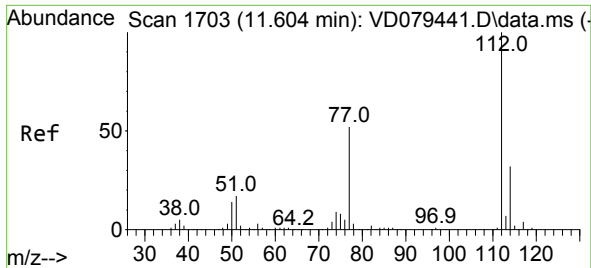
Tgt Ion:	117	Resp:	398894
Ion Ratio	Lower	Upper	
117	100		
82	48.7	39.8	59.6
119	31.0	25.7	38.5



#64
 Tetrachloroethene
 Concen: 18.815 ug/l
 RT: 10.810 min Scan# 1568
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

Tgt Ion:	164	Resp:	50607
Ion Ratio	Lower	Upper	
164	100		
166	122.4	108.6	163.0
129	91.8	74.6	112.0
131	90.7	68.6	103.0

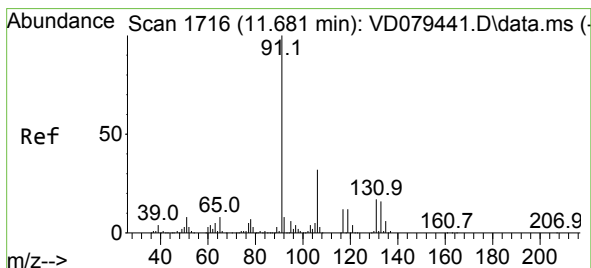
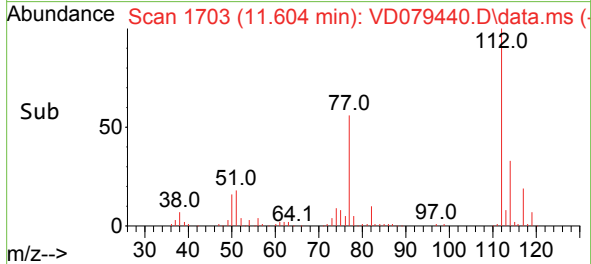
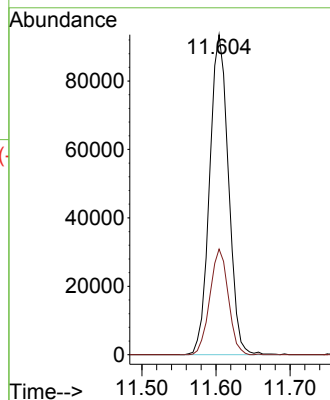
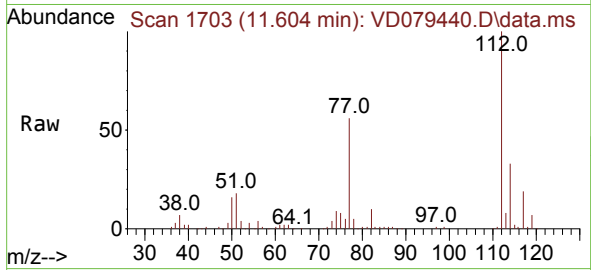




#65
Chlorobenzene
Concen: 18.707 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

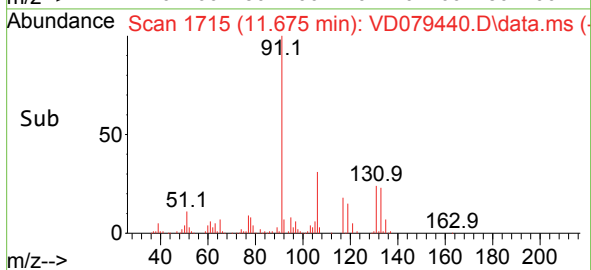
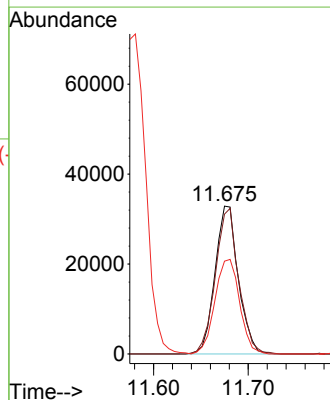
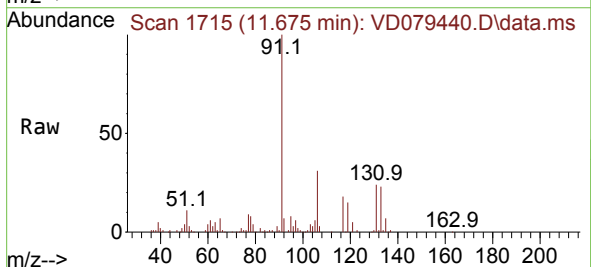
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

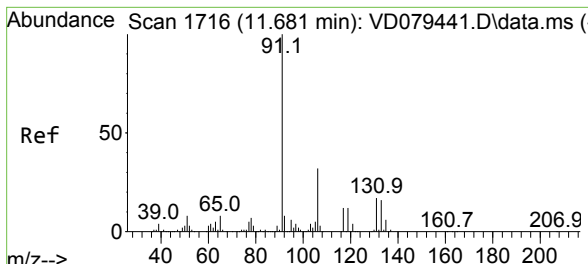
Tgt Ion:112 Resp: 165242
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.328 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion:131 Resp: 56171
Ion Ratio Lower Upper
131 100
133 98.4 49.2 147.6
119 67.8 33.4 100.2



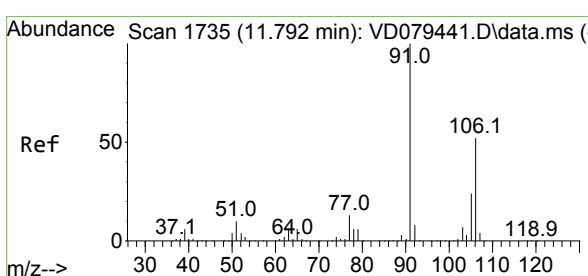
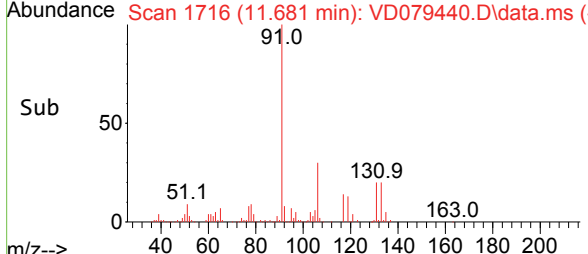
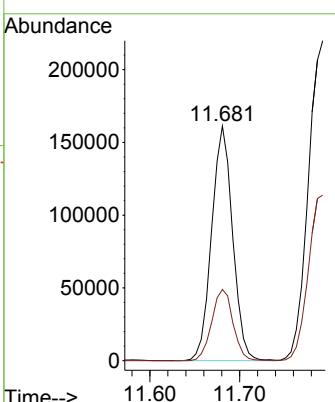
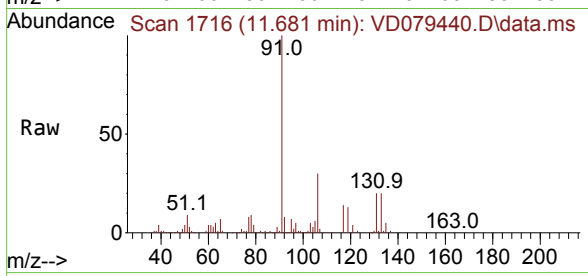


#67
 Ethyl Benzene
 Concen: 18.068 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 91 Resp: 261261

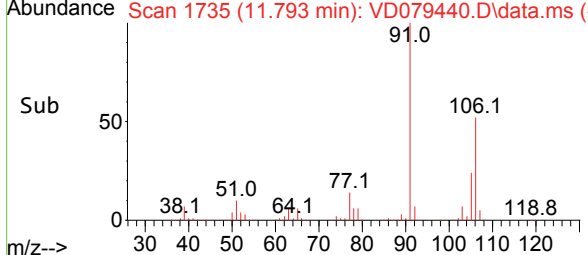
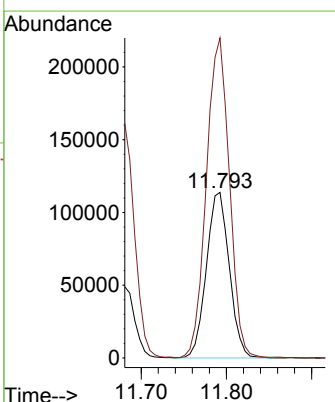
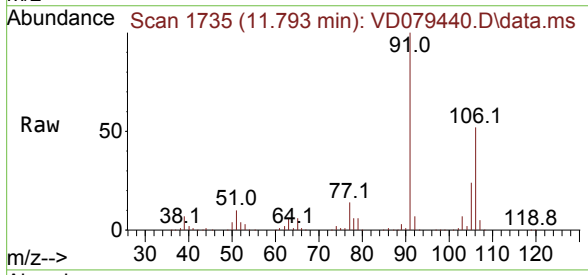
Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.8	38.6

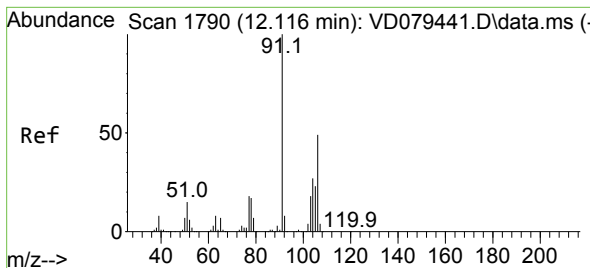


#68
 m/p-Xylenes
 Concen: 36.995 ug/l
 RT: 11.793 min Scan# 1735
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

Tgt Ion: 106 Resp: 212239

Ion	Ratio	Lower	Upper
106	100		
91	195.0	148.5	222.7





#69

o-Xylene

Concen: 18.316 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

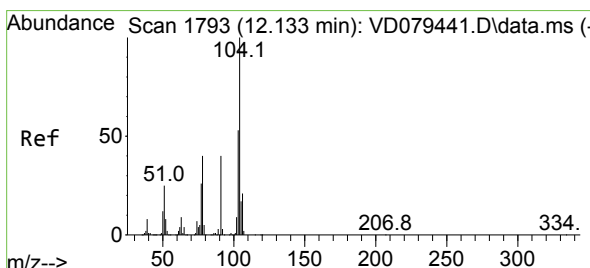
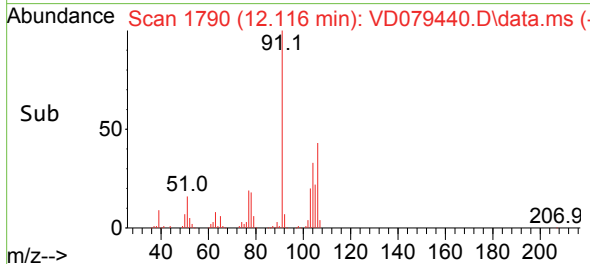
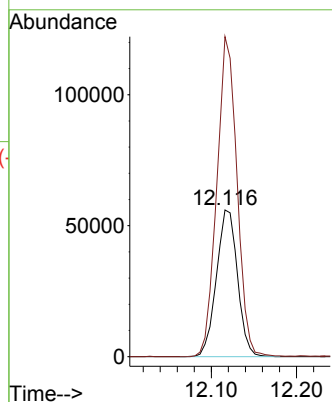
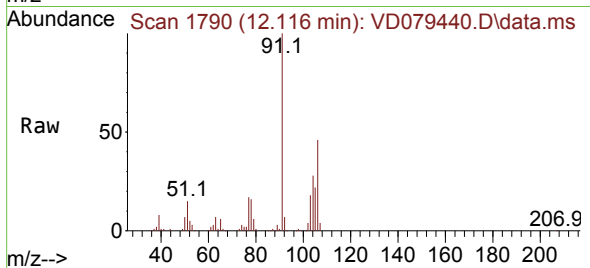
VSTDIC020

Tgt Ion:106 Resp: 96316

Ion Ratio Lower Upper

106 100

91 209.3 96.7 290.1



#70

Styrene

Concen: 19.040 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

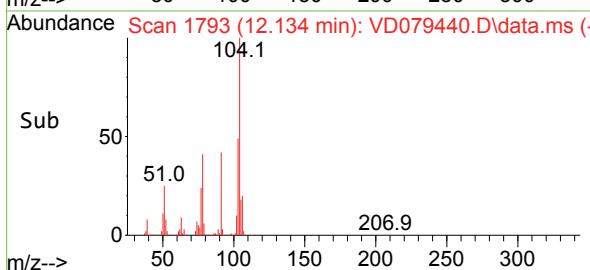
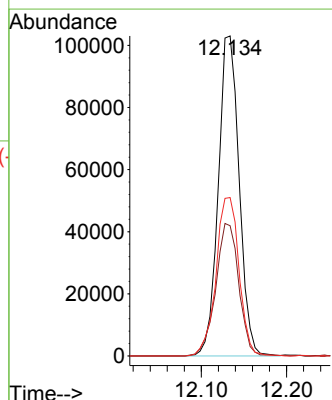
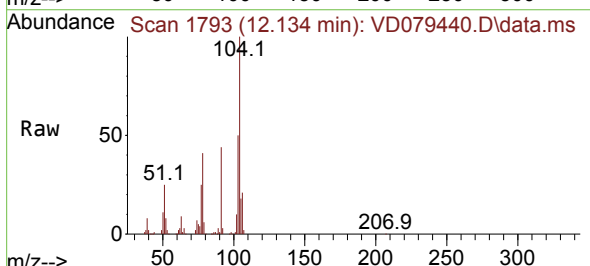
Tgt Ion:104 Resp: 175526

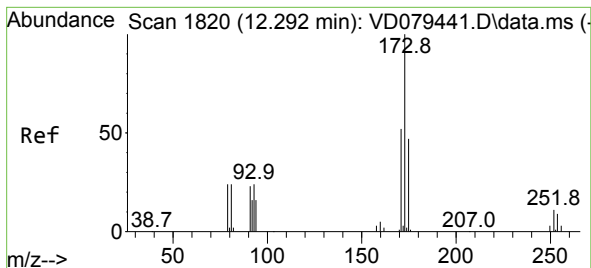
Ion Ratio Lower Upper

104 100

78 45.8 33.0 49.6

103 54.5 44.2 66.4





#71

Bromoform

Concen: 19.715 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

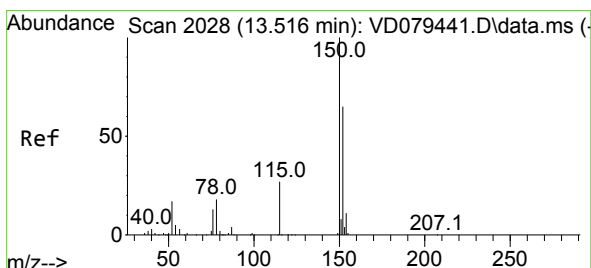
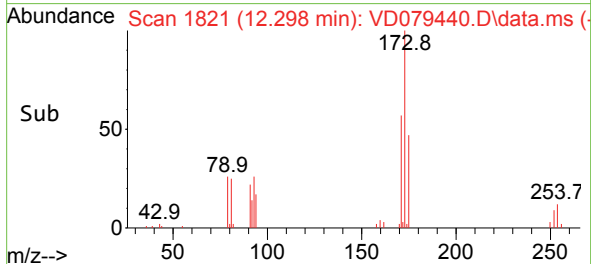
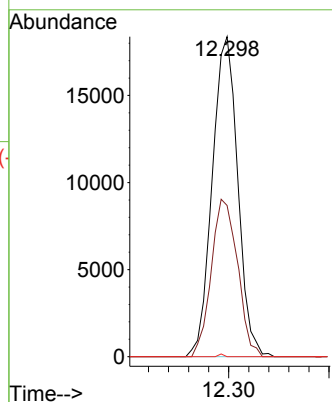
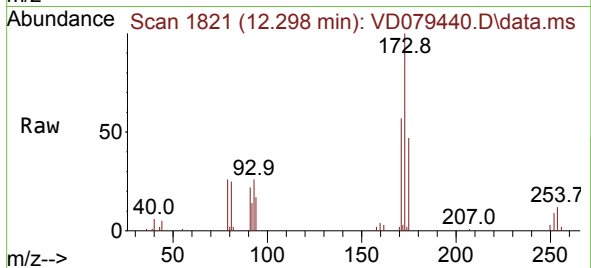
Tgt Ion:173 Resp: 32390

Ion Ratio Lower Upper

173 100

175 50.7 23.7 71.1

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

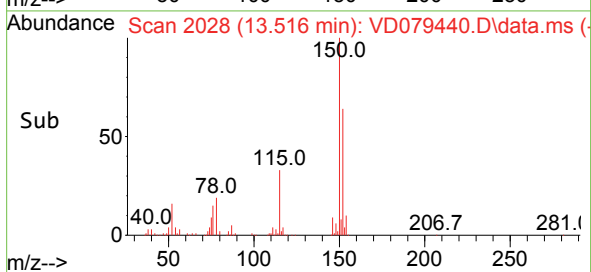
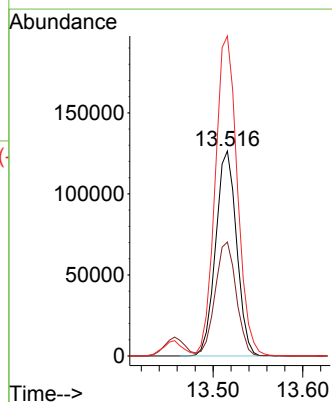
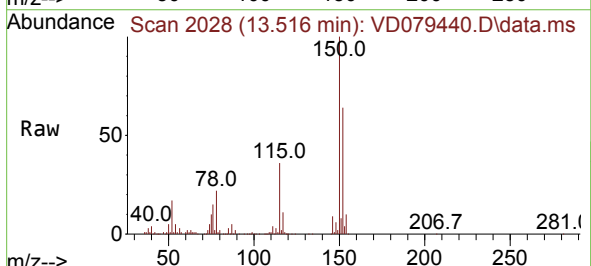
Tgt Ion:152 Resp: 204962

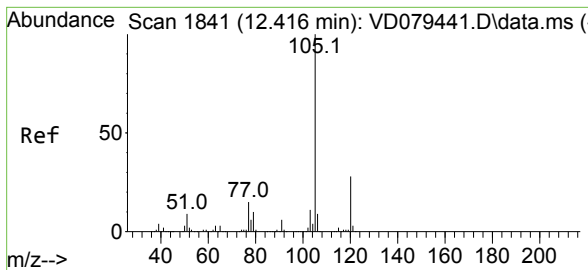
Ion Ratio Lower Upper

152 100

115 56.3 26.5 79.5

150 164.8 0.0 341.6

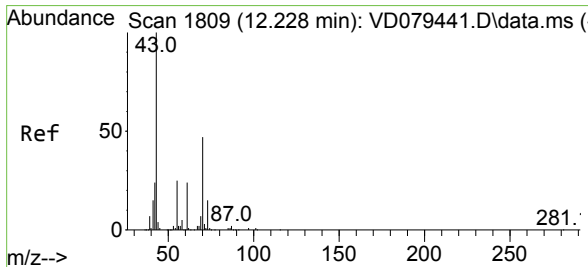
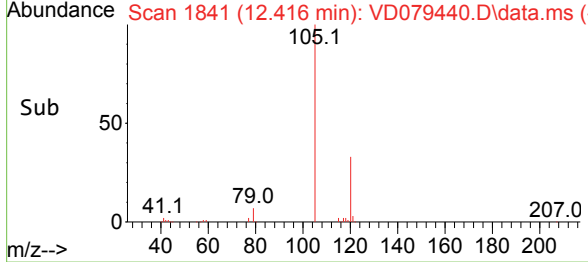
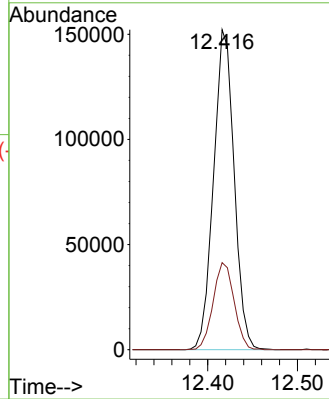
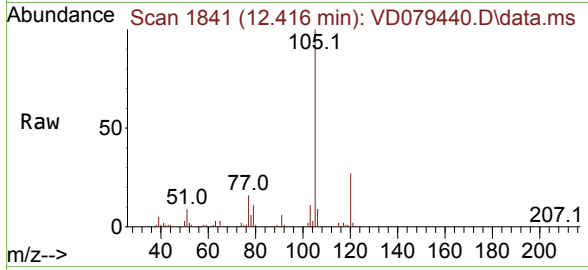




#73
Isopropylbenzene
Concen: 18.257 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

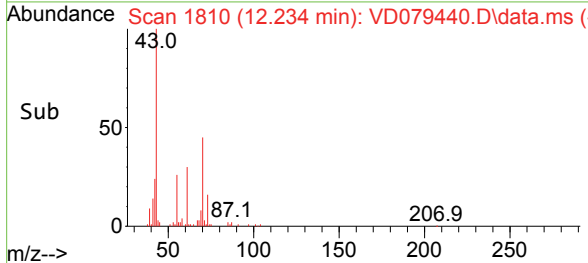
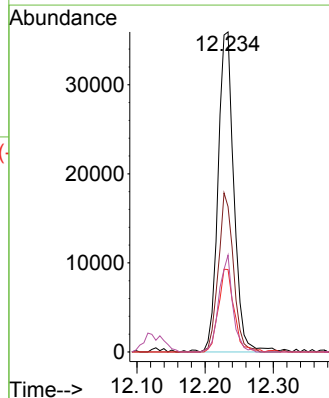
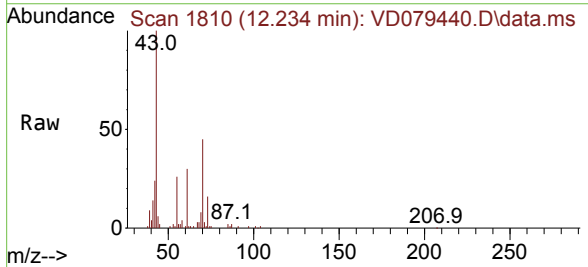
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

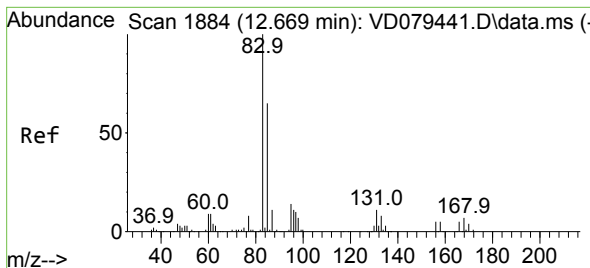
Tgt Ion:105 Resp: 242140
Ion Ratio Lower Upper
105 100
120 27.8 13.6 40.7



#74
N-ethyl acetate
Concen: 19.258 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 43 Resp: 58057
Ion Ratio Lower Upper
43 100
70 47.3 44.3 66.5
55 25.5 23.2 34.8
61 26.4 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.583 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

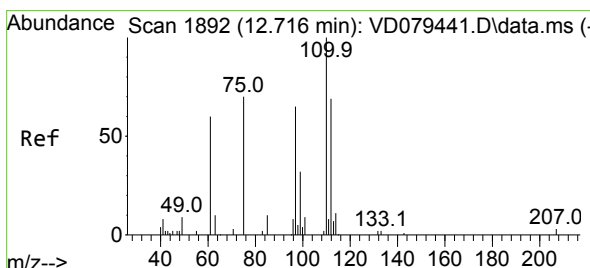
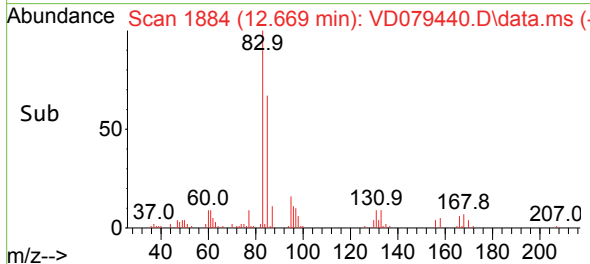
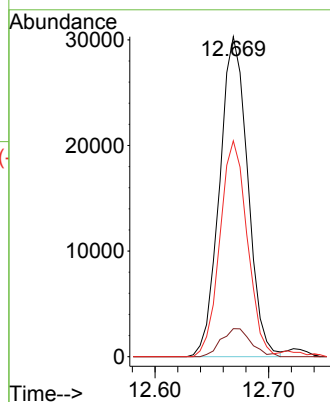
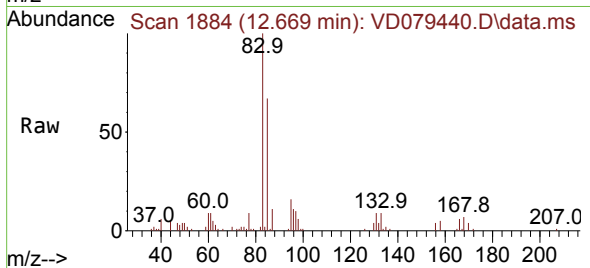
Tgt Ion: 83 Resp: 52143

Ion Ratio Lower Upper

83 100

131 9.3 5.5 16.5

85 65.7 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 34.826 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. 0.000 min

Lab File: VD079440.D

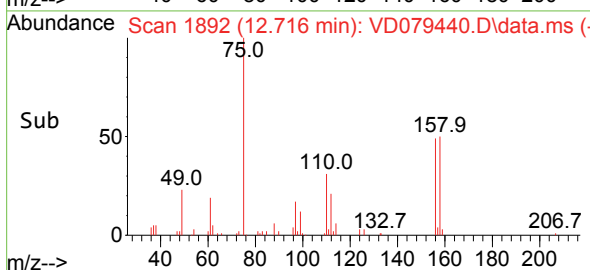
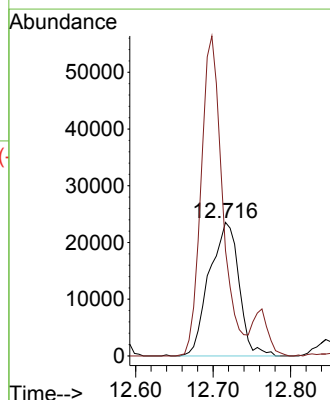
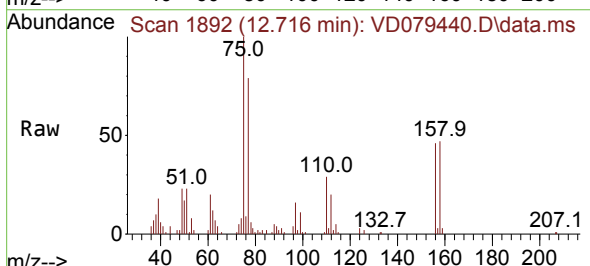
Acq: 29 Jul 2024 16:55

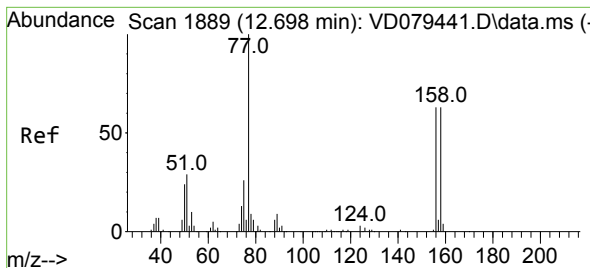
Tgt Ion: 75 Resp: 62623

Ion Ratio Lower Upper

75 100

77 174.4 0.0 0.0#





#77

Bromobenzene

Concen: 18.598 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

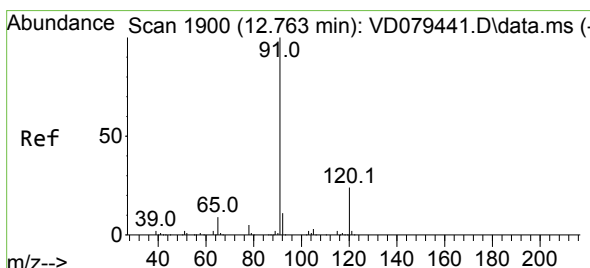
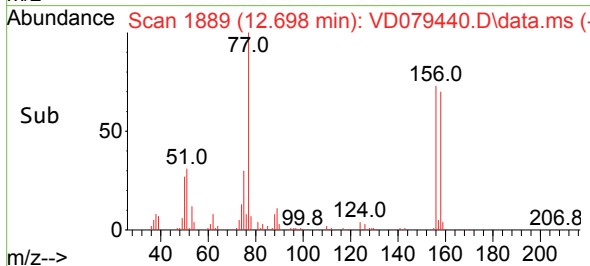
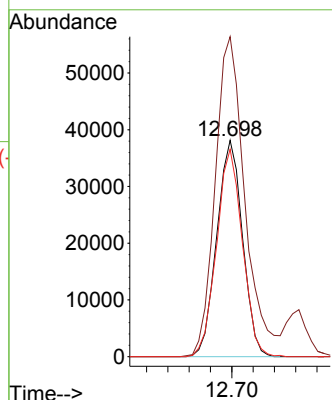
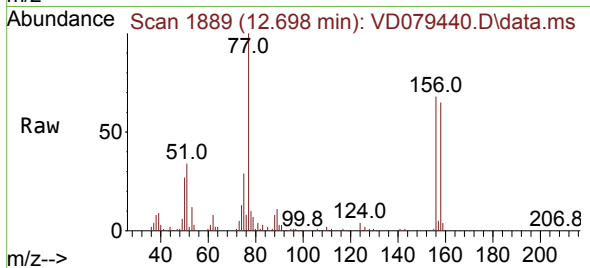
Tgt Ion:156 Resp: 63916

Ion Ratio Lower Upper

156 100

77 170.9 77.3 231.9

158 96.3 49.6 149.0



#78

n-propylbenzene

Concen: 17.817 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD079440.D

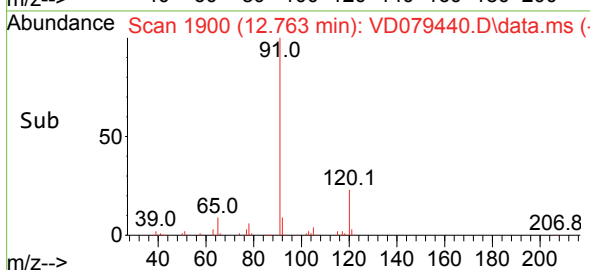
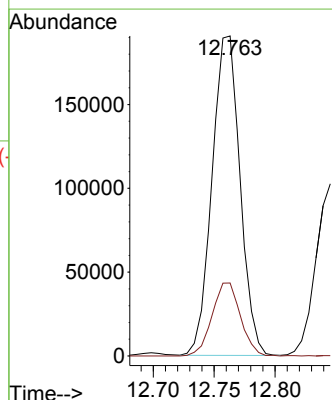
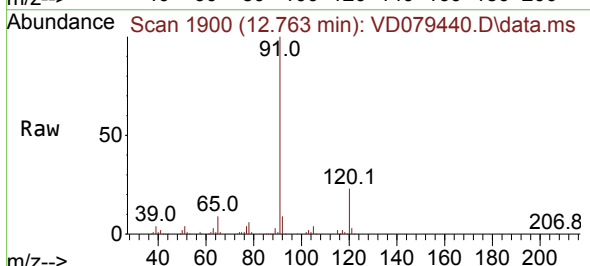
Acq: 29 Jul 2024 16:55

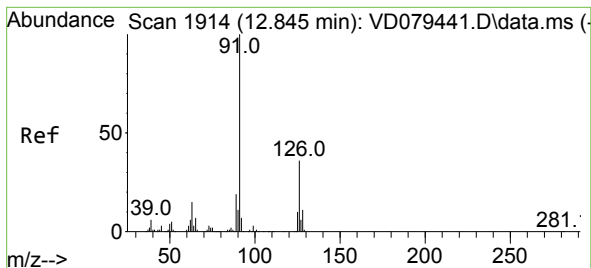
Tgt Ion: 91 Resp: 305254

Ion Ratio Lower Upper

91 100

120 23.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 18.202 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

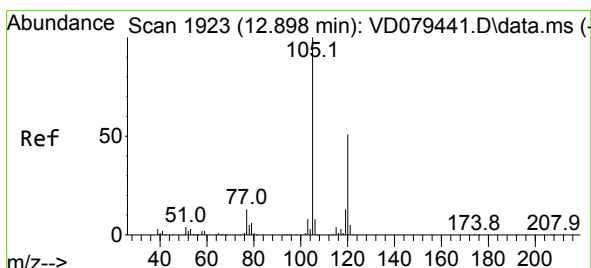
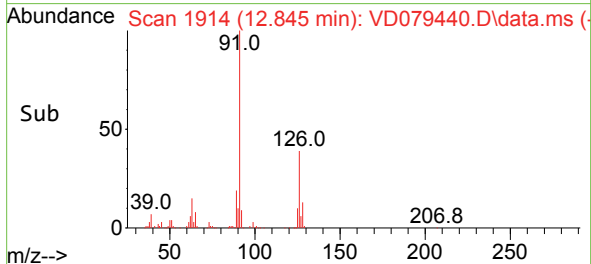
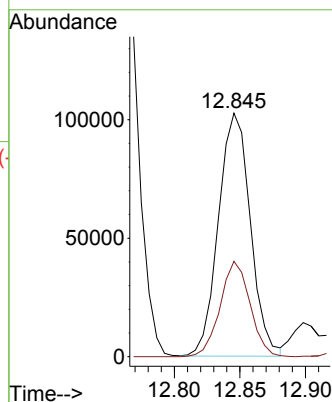
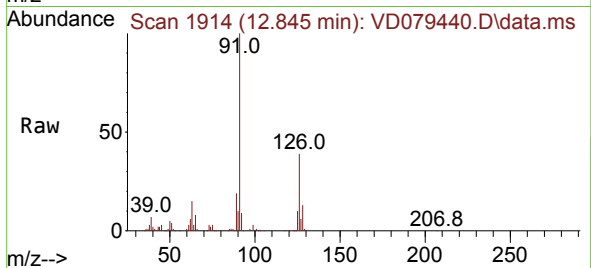
VSTDICC020

Tgt Ion: 91 Resp: 173643

Ion Ratio Lower Upper

91 100

126 36.7 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 17.794 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD079440.D

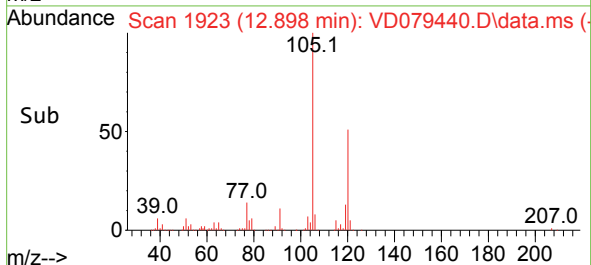
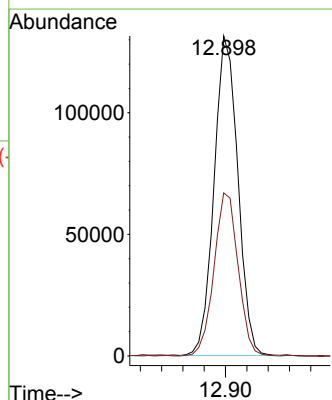
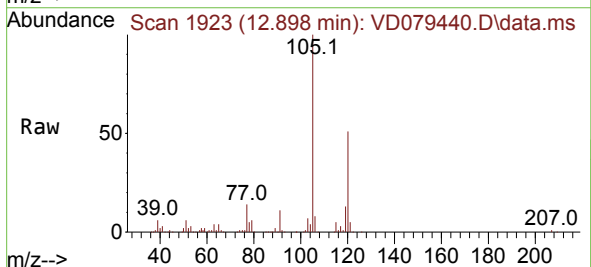
Acq: 29 Jul 2024 16:55

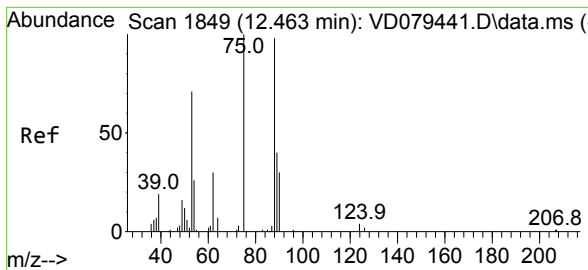
Tgt Ion: 105 Resp: 203162

Ion Ratio Lower Upper

105 100

120 51.8 25.7 77.1

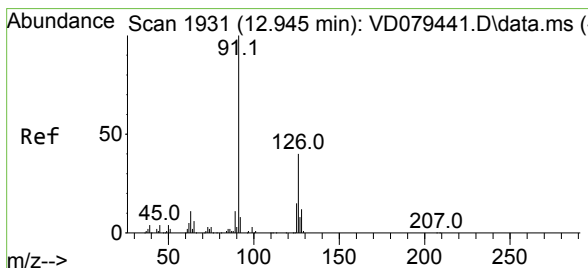
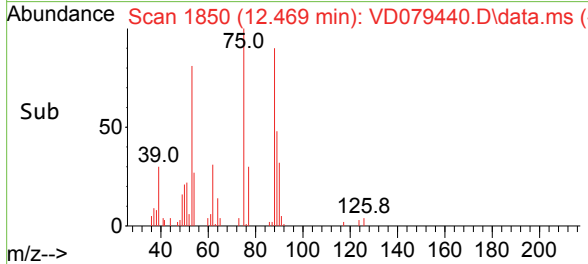
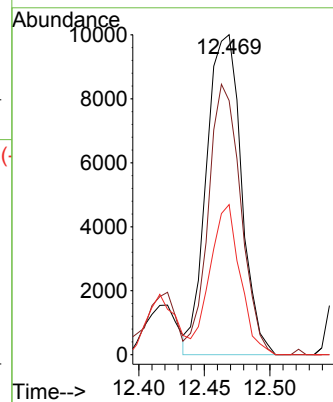
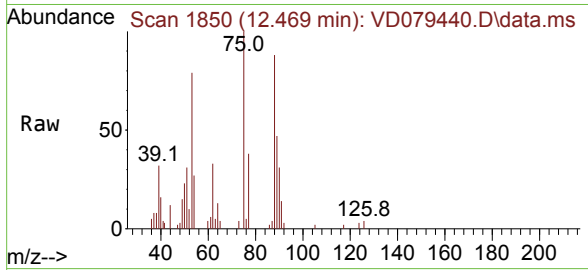




#81
trans-1,4-Dichloro-2-butene
Concen: 19.663 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

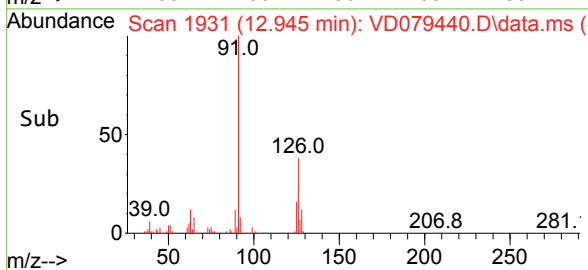
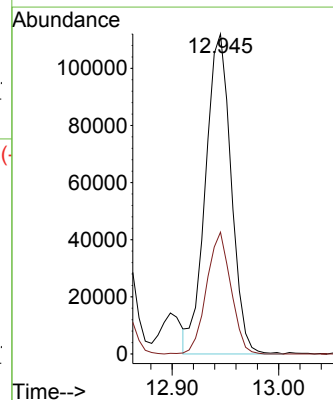
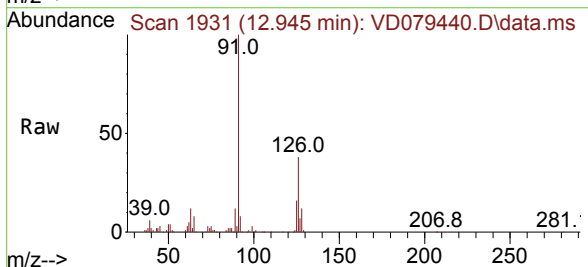
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

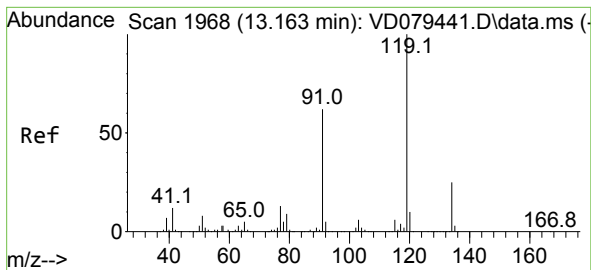
Tgt Ion: 75 Resp: 18470
Ion Ratio Lower Upper
75 100
53 78.9 61.4 92.2
89 40.5 35.4 53.0



#82
4-Chlorotoluene
Concen: 18.843 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 91 Resp: 187394
Ion Ratio Lower Upper
91 100
126 36.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 18.362 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

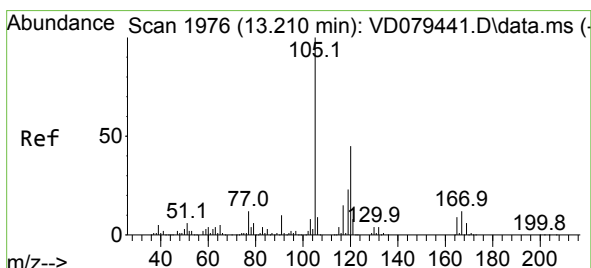
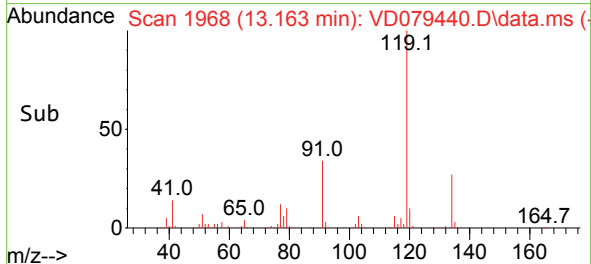
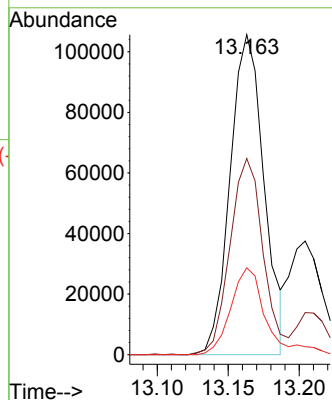
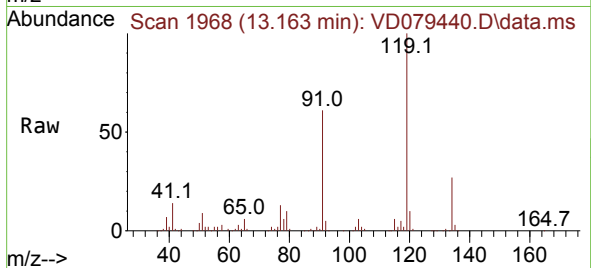
Tgt Ion:119 Resp: 175700

Ion Ratio Lower Upper

119 100

91 60.2 28.2 84.7

134 28.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.775 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079440.D

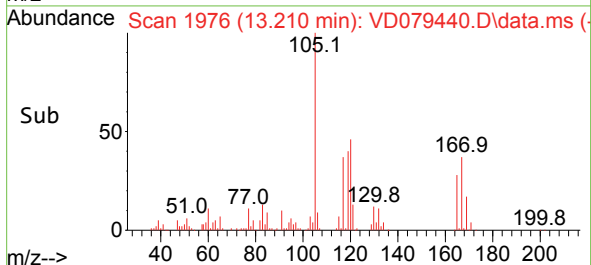
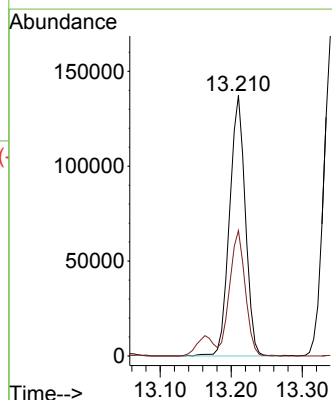
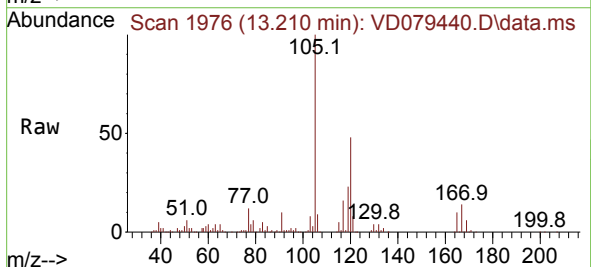
Acq: 29 Jul 2024 16:55

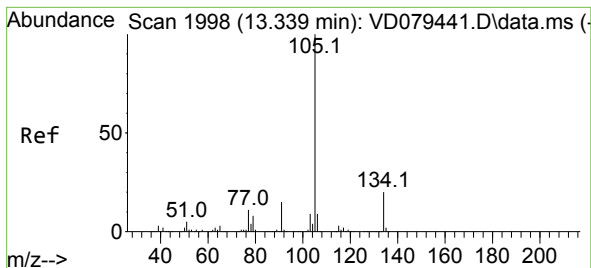
Tgt Ion:105 Resp: 211644

Ion Ratio Lower Upper

105 100

120 47.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 17.832 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

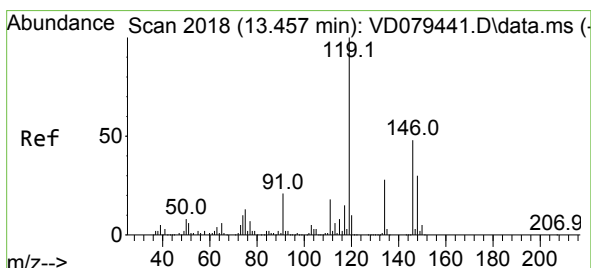
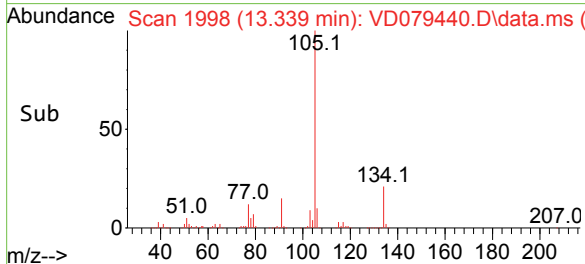
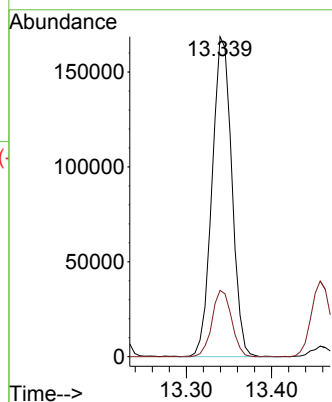
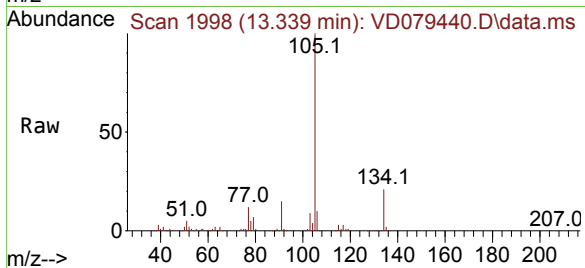
VSTDIC020

Tgt Ion:105 Resp: 270803

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.486 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

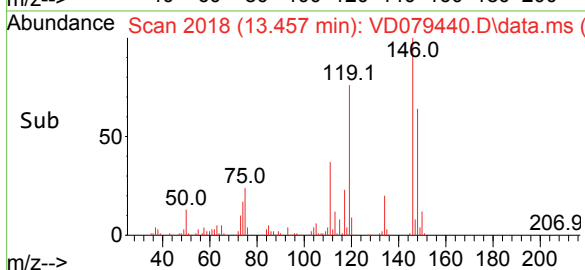
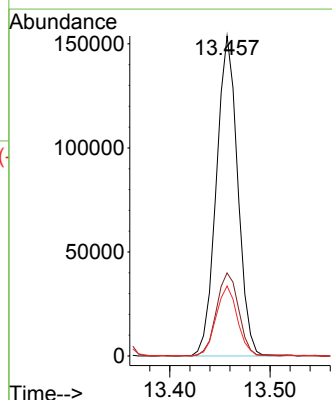
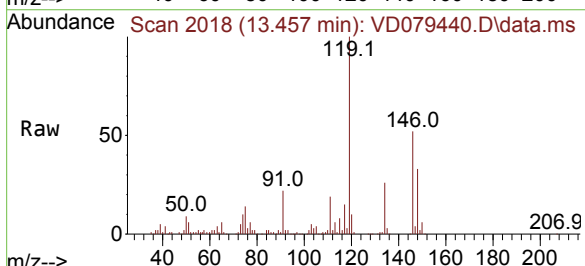
Tgt Ion:119 Resp: 227489

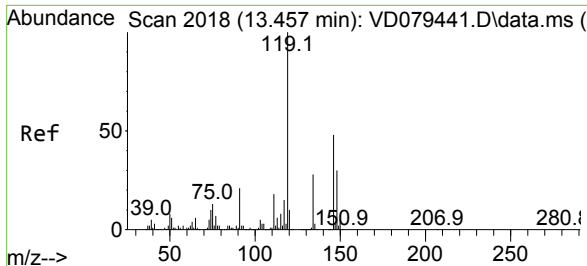
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 21.8 10.7 32.1

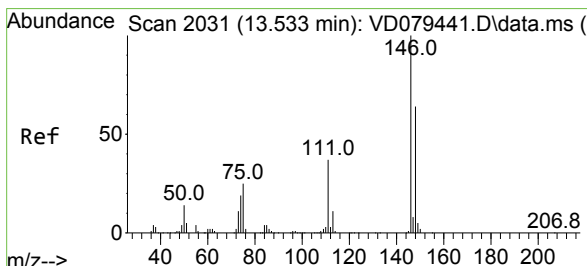
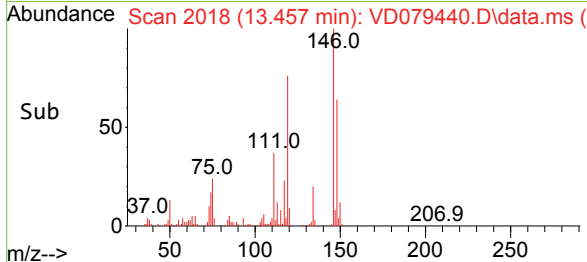
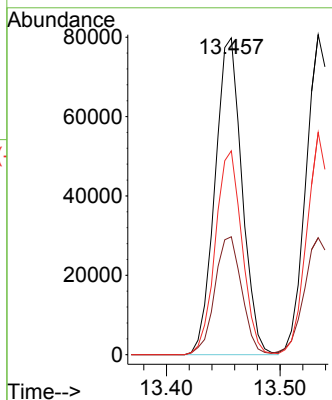
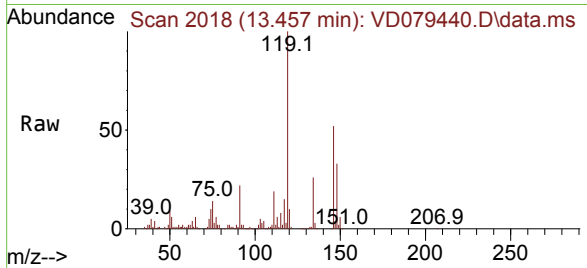




#87
 1,3-Dichlorobenzene
 Concen: 18.546 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

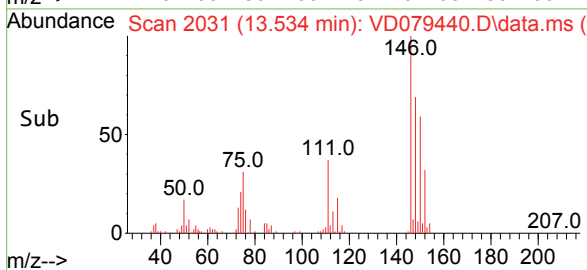
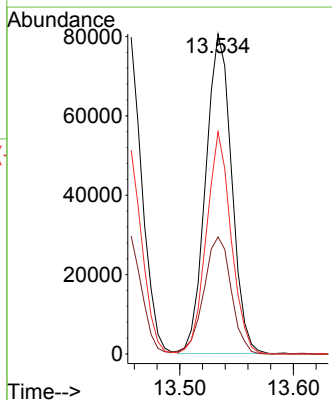
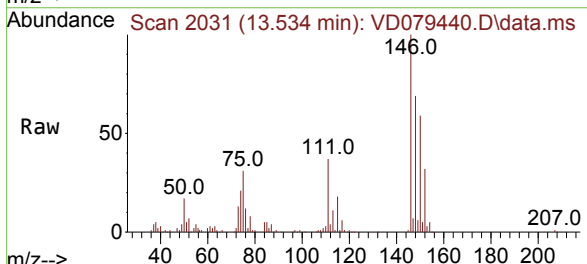
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

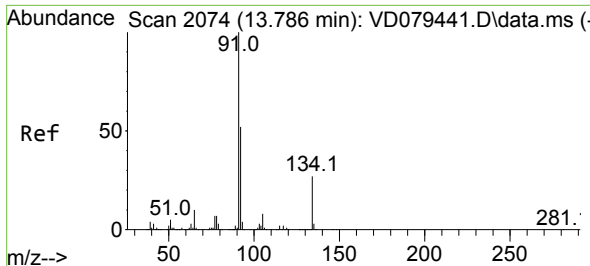
Tgt Ion:146 Resp: 132031
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.5 55.5
 148 63.5 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.001 min
 Lab File: VD079440.D
 Acq: 29 Jul 2024 16:55

Tgt Ion:146 Resp: 127973
 Ion Ratio Lower Upper
 146 100
 111 38.7 17.5 52.6
 148 66.2 31.4 94.2

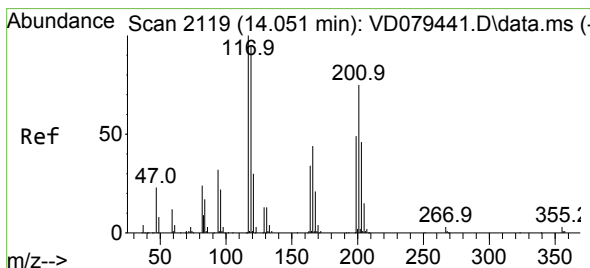
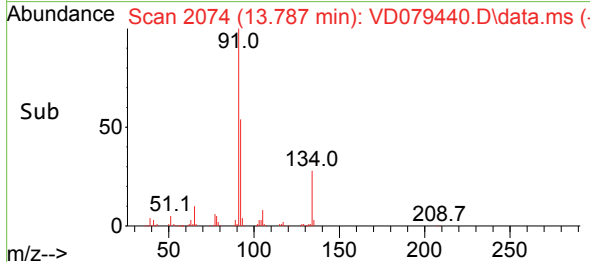
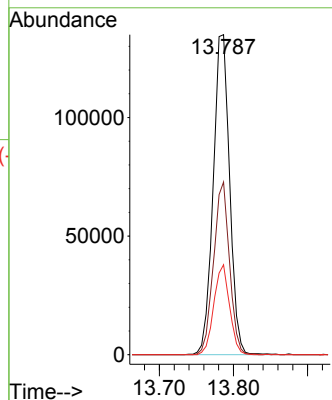
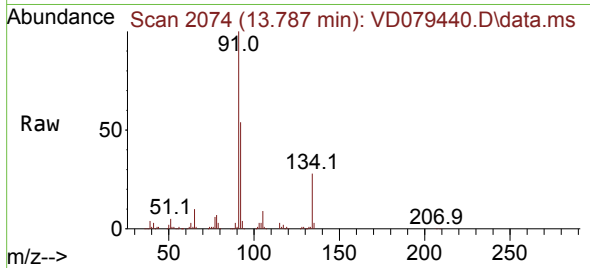




#89
n-Butylbenzene
Concen: 18.257 ug/l
RT: 13.787 min Scan# 207792
Delta R.T. 0.001 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

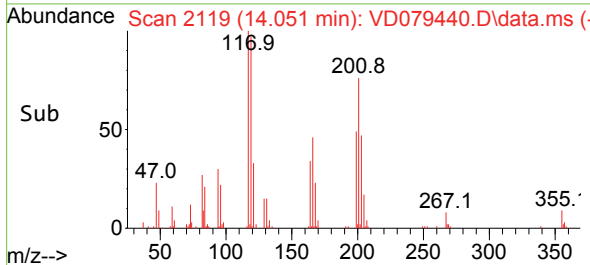
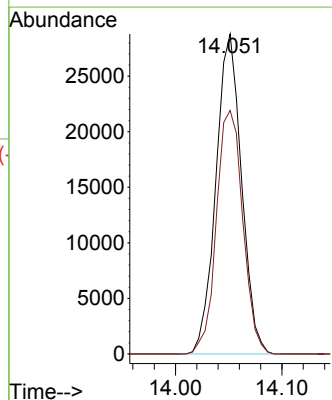
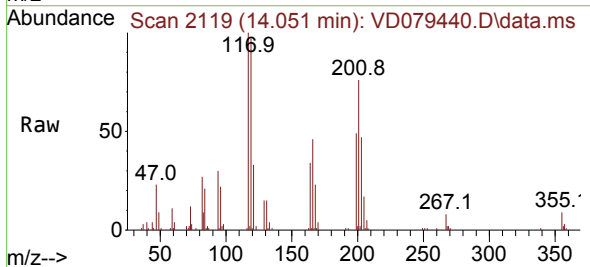
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

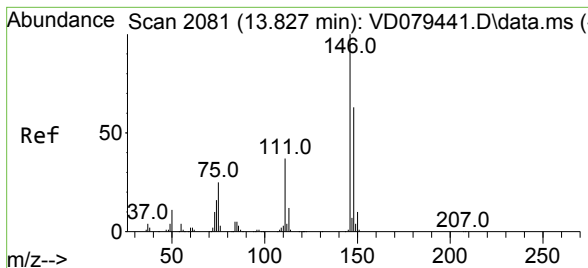
Tgt Ion: 91 Resp: 207792
Ion Ratio Lower Upper
91 100
92 52.2 25.7 77.0
134 26.8 13.6 40.8



#90
Hexachloroethane
Concen: 18.111 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion: 117 Resp: 48105
Ion Ratio Lower Upper
117 100
201 78.4 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 19.015 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.001 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

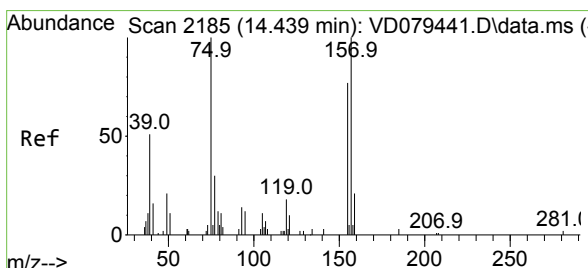
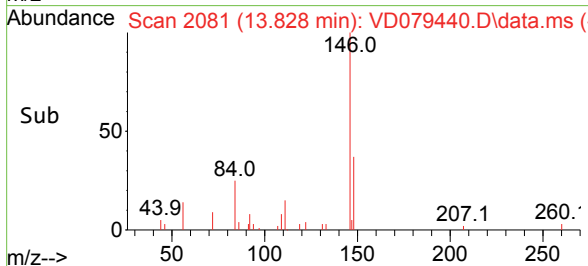
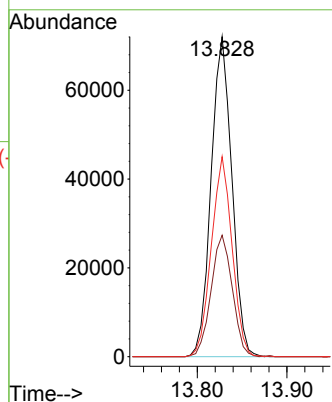
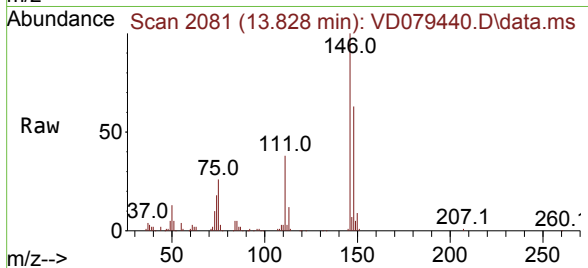
Tgt Ion:146 Resp: 115694

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

148 62.7 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.989 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

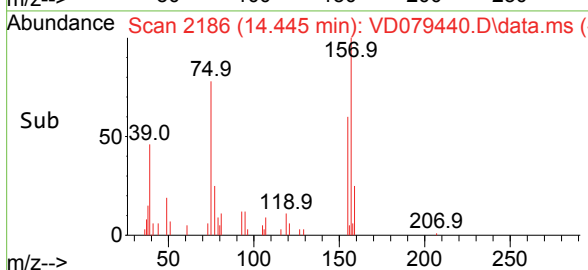
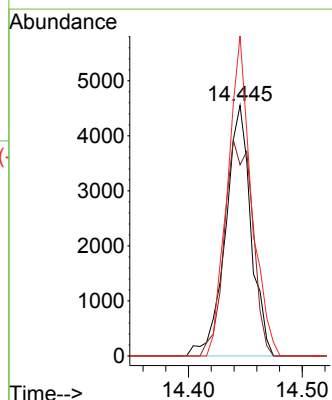
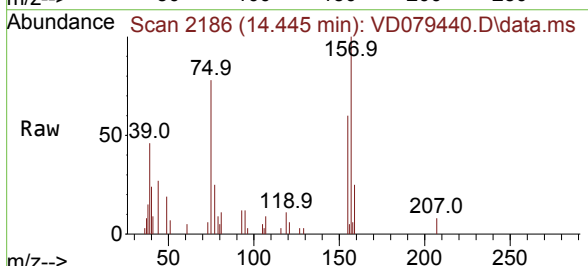
Tgt Ion: 75 Resp: 7082

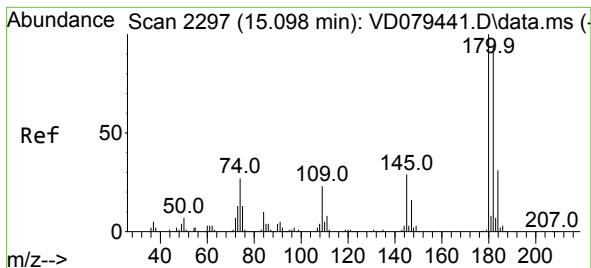
Ion Ratio Lower Upper

75 100

155 95.2 47.7 143.1

157 120.1 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 18.236 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

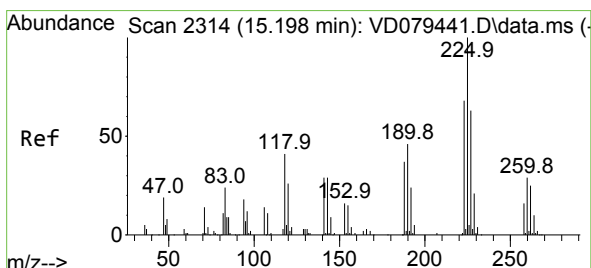
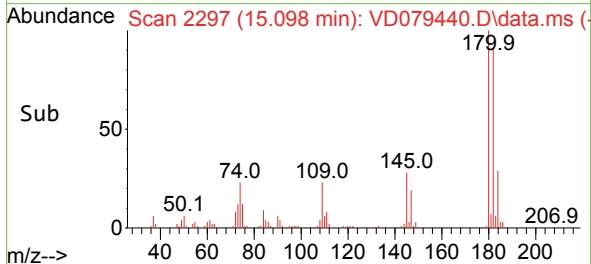
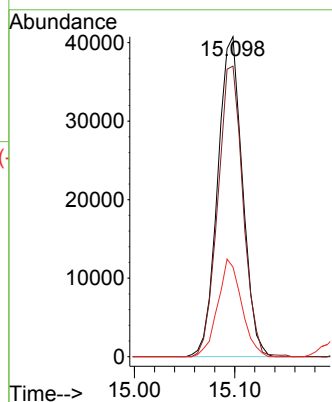
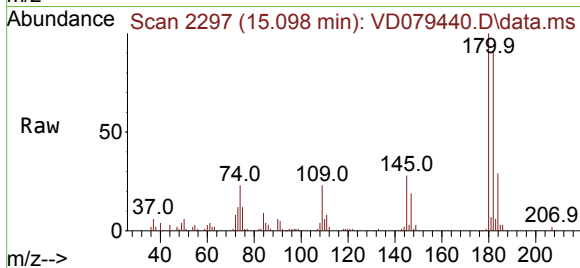
Tgt Ion:180 Resp: 69905

Ion Ratio Lower Upper

180 100

182 91.8 46.9 140.7

145 29.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 17.996 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079440.D

Acq: 29 Jul 2024 16:55

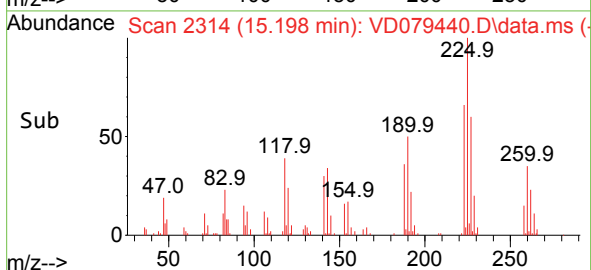
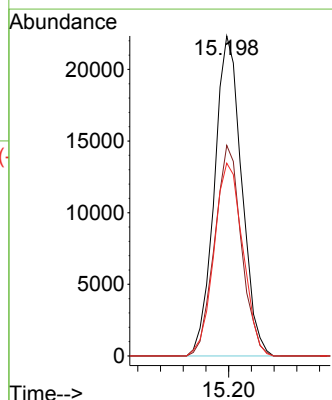
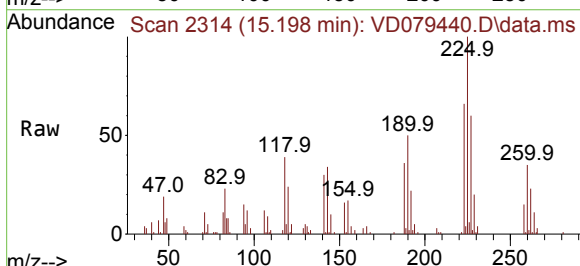
Tgt Ion:225 Resp: 37233

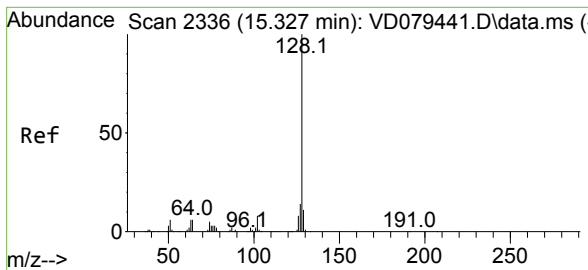
Ion Ratio Lower Upper

225 100

223 64.8 33.3 99.9

227 63.5 33.6 100.6

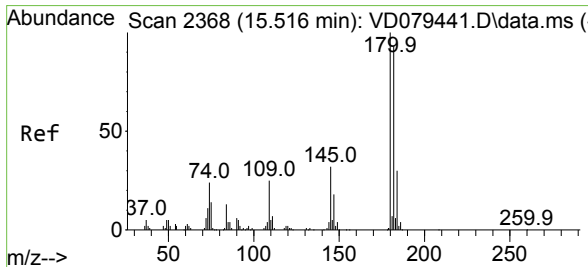
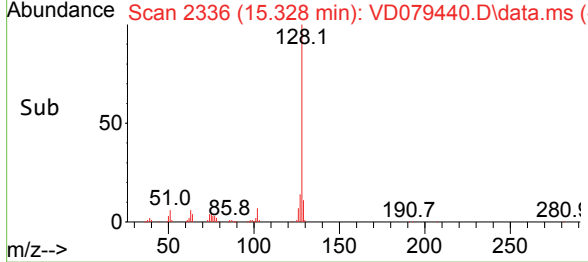
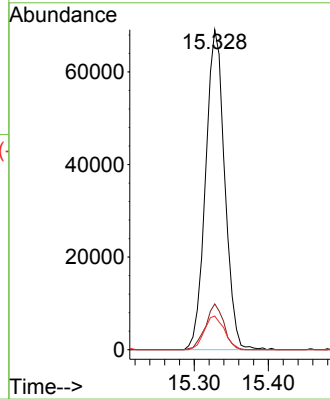
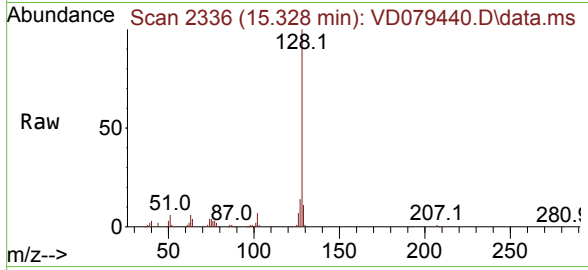




#95
Naphthalene
Concen: 18.669 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 123868
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.4
129 10.5 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.435 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079440.D
Acq: 29 Jul 2024 16:55

Tgt Ion:180 Resp: 62162
Ion Ratio Lower Upper
180 100
182 90.8 47.8 143.3
145 29.4 16.1 48.2

