

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079441.D
 Acq On : 29 Jul 2024 17:39
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 30 03:14:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	283593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	446882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	405775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	198463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130355	45.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.500%
35) Dibromofluoromethane	7.798	113	150211	49.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.269	98	612167	52.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.569	95	171933	50.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.160%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	109403	49.236	ug/l	97
3) Chloromethane	2.146	50	196662	48.034	ug/l	96
4) Vinyl Chloride	2.281	62	247061	50.752	ug/l	100
5) Bromomethane	2.687	94	157183	51.221	ug/l	96
6) Chloroethane	2.834	64	149482	47.786	ug/l	95
7) Trichlorofluoromethane	3.169	101	246925	51.005	ug/l	100
8) Diethyl Ether	3.593	74	66567	45.519	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.957	101	156339	51.059	ug/l	99
10) Methyl Iodide	4.157	142	205658	54.695	ug/l	100
11) Tert butyl alcohol	5.051	59	28709	223.561	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	157811	51.502	ug/l	94
13) Acrolein	3.793	56	45886	225.639	ug/l	97
14) Allyl chloride	4.557	41	204154	50.455	ug/l	88
15) Acrylonitrile	5.251	53	139613	204.304	ug/l	98
16) Acetone	4.022	43	122429	218.660	ug/l	94
17) Carbon Disulfide	4.263	76	524151	51.822	ug/l	97
18) Methyl Acetate	4.563	43	68206	39.235	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	282185	45.116	ug/l	99
20) Methylene Chloride	4.799	84	210409	51.202	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	178644	51.898	ug/l	90
22) Diisopropyl ether	6.210	45	446753	49.624	ug/l #	94
23) Vinyl Acetate	6.151	43	1562476	230.877	ug/l	95
24) 1,1-Dichloroethane	6.104	63	302344	50.114	ug/l	96
25) 2-Butanone	7.075	43	163043	205.398	ug/l	96
26) 2,2-Dichloropropane	7.069	77	251208	51.477	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	202642	51.503	ug/l	91
28) Bromochloromethane	7.422	49	112875	42.665	ug/l #	76
29) Tetrahydrofuran	7.445	42	99416	202.092	ug/l #	84
30) Chloroform	7.592	83	303166	49.621	ug/l	98
31) Cyclohexane	7.875	56	239024	49.955	ug/l	87
32) 1,1,1-Trichloroethane	7.792	97	259649	51.503	ug/l	98
36) 1,1-Dichloropropene	8.004	75	225611	54.648	ug/l	98
37) Ethyl Acetate	7.163	43	73739	43.564	ug/l	98
38) Carbon Tetrachloride	7.987	117	235547	54.274	ug/l	97
39) Methylcyclohexane	9.269	83	272393	55.299	ug/l	94
40) Benzene	8.251	78	699619	53.355	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	36717	39.436	ug/l	91
42) 1,2-Dichloroethane	8.322	62	150804	48.263	ug/l	96
43) Isopropyl Acetate	8.357	43	139010	43.697	ug/l #	94
44) Trichloroethene	9.028	130	173624	53.191	ug/l	97
45) 1,2-Dichloropropane	9.304	63	164574	51.574	ug/l	91
46) Dibromomethane	9.392	93	84347	47.680	ug/l	98
47) Bromodichloromethane	9.581	83	220260	50.708	ug/l	98
48) Methyl methacrylate	9.381	41	65546	46.040	ug/l	85
49) 1,4-Dioxane	9.381	88	16512	900.795	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	352279	216.899	ug/l	95
52) Toluene	10.334	92	444276	54.784	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	197463	49.226	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	248118	51.423	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	111109	47.679	ug/l	94
56) Ethyl methacrylate	10.592	69	131150	47.498	ug/l	91
57) 1,3-Dichloropropane	10.875	76	189659	47.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	295896	232.372	ug/l	91
59) 2-Hexanone	10.922	43	255419	225.490	ug/l	95
60) Dibromochloromethane	11.075	129	147706	48.520	ug/l	99
61) 1,2-Dibromoethane	11.175	107	103345	47.338	ug/l	97
64) Tetrachloroethene	10.810	164	148935	54.432	ug/l	95
65) Chlorobenzene	11.604	112	477921	53.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	156673	52.996	ug/l	98
67) Ethyl Benzene	11.681	91	827745	56.272	ug/l	99
68) m/p-Xylenes	11.792	106	653616	112.000	ug/l	94
69) o-Xylene	12.116	106	301323	56.331	ug/l	92
70) Styrene	12.133	104	526389	56.130	ug/l	97
71) Bromoform	12.292	173	78059	46.707	ug/l #	96
73) Isopropylbenzene	12.416	105	776127	52.054	ug/l	100
74) N-amyl acetate	12.228	43	134734	46.157	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	118189	45.841	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	149557	85.895	ug/l #	100
77) Bromobenzene	12.698	156	177092	53.216	ug/l	92
78) n-propylbenzene	12.763	91	953553	57.479	ug/l	98
79) 2-Chlorotoluene	12.845	91	518134	56.091	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	634860	57.426	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	40993	45.069	ug/l	98
82) 4-Chlorotoluene	12.945	91	533287	55.379	ug/l	100
83) tert-Butylbenzene	13.163	119	551712	51.410	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	643719	51.634	ug/l	98
85) sec-Butylbenzene	13.339	105	838996	57.057	ug/l	100
86) p-Isopropyltoluene	13.457	119	711509	51.045	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	365590	53.036	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	350617	51.736	ug/l	97
89) n-Butylbenzene	13.786	91	659797	51.249	ug/l	99
90) Hexachloroethane	14.051	117	140408	54.593	ug/l	98
91) 1,2-Dichlorobenzene	13.827	146	306545	52.034	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	15584	45.427	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	187011	50.383	ug/l	99
94) Hexachlorobutadiene	15.198	225	108263	54.041	ug/l	97
95) Naphthalene	15.327	128	306363	47.687	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	160129	49.042	ug/l	99

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QLast Update : Tue Jul 30 03:10:56 2024
Response via : Initial Calibration

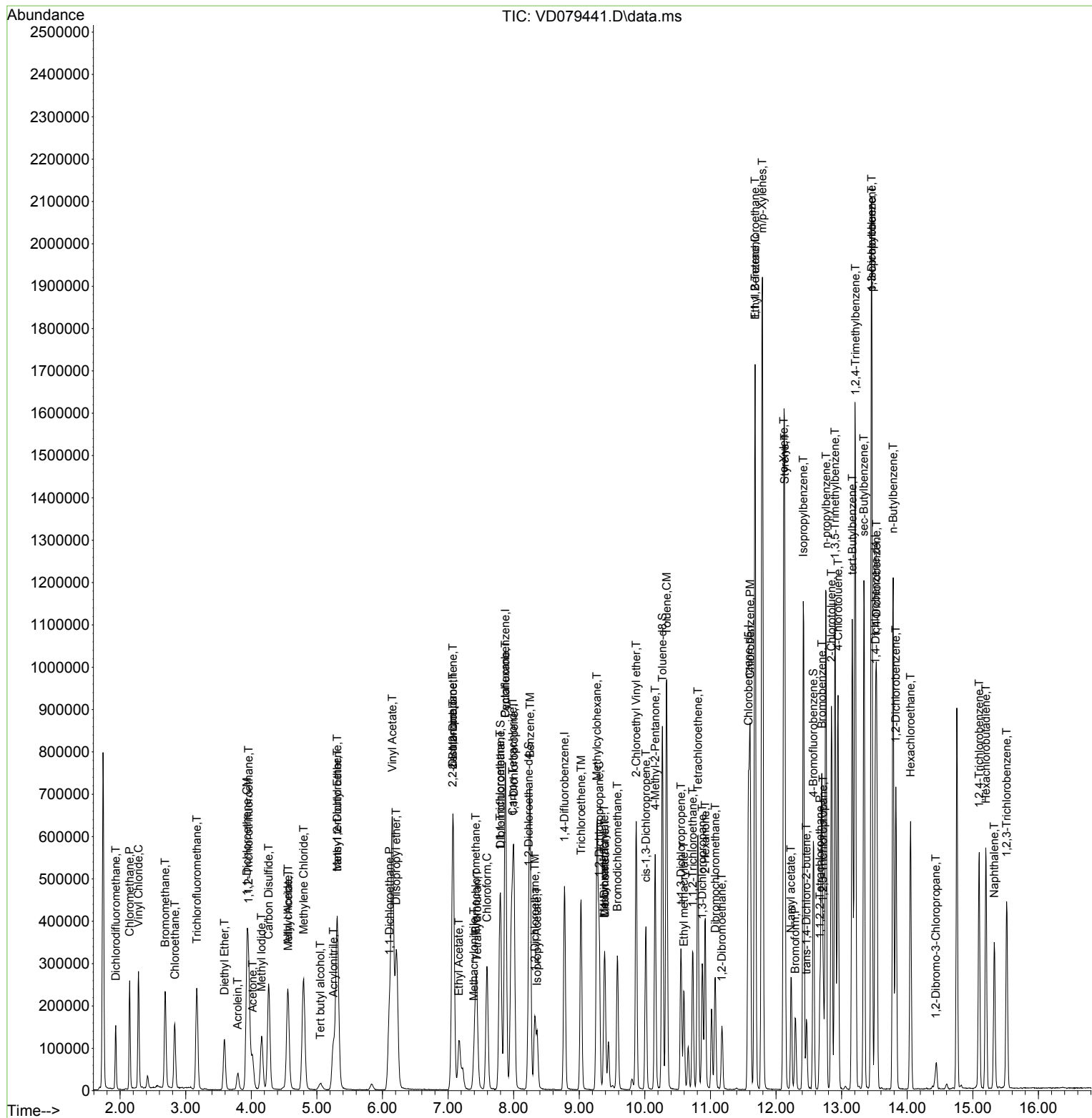
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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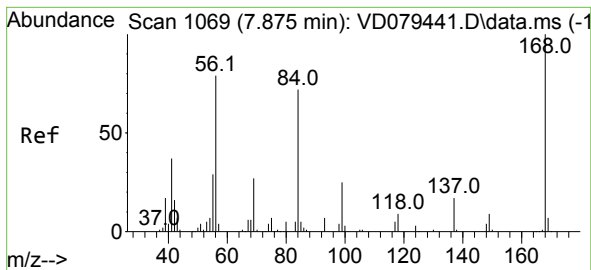
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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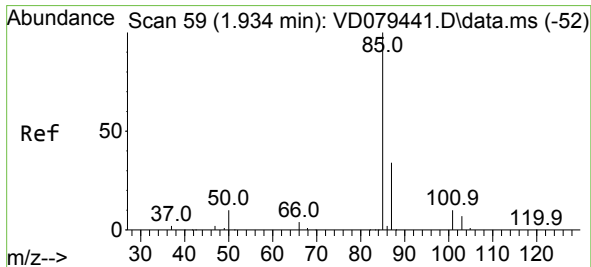
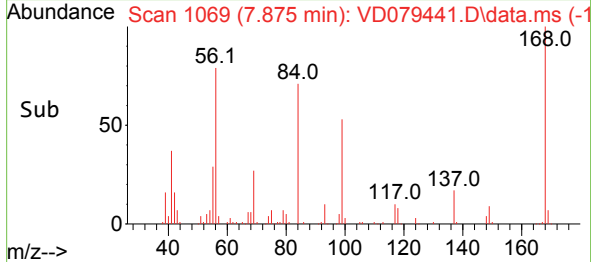
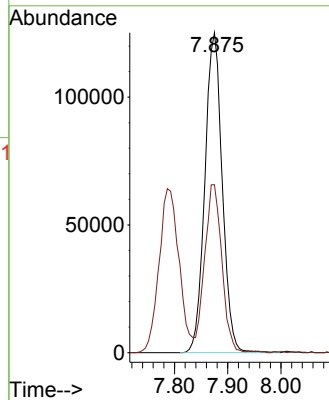
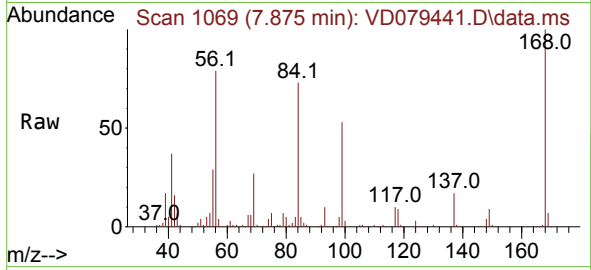




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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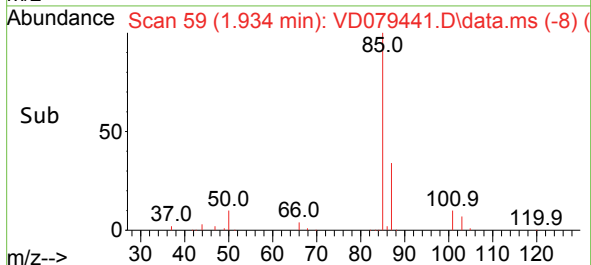
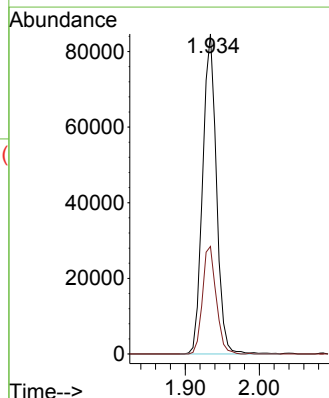
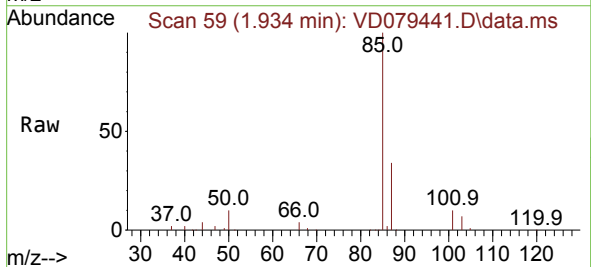
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

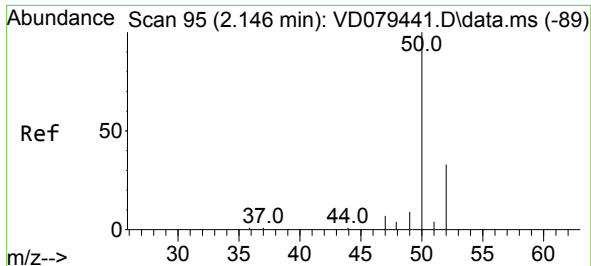
Tgt Ion:168 Resp: 283593
Ion Ratio Lower Upper
168 100
99 52.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 49.236 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 85 Resp: 109403
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

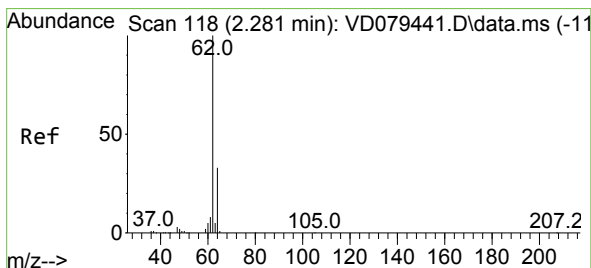
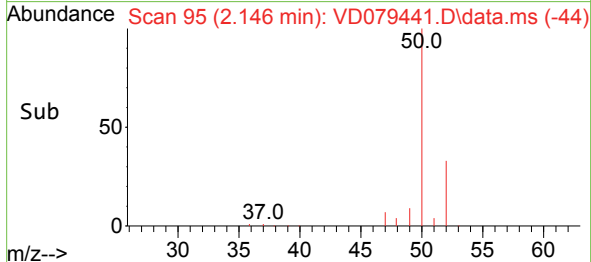
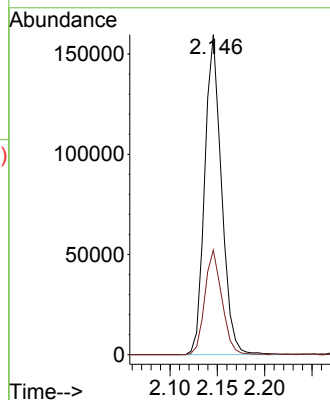
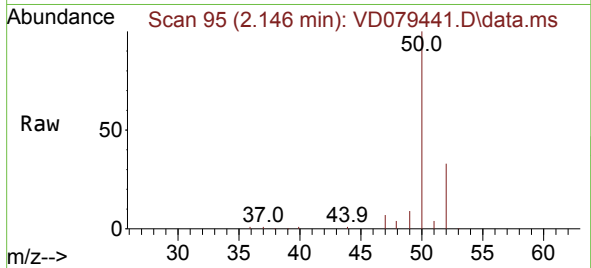




#3
Chloromethane
Concen: 48.034 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

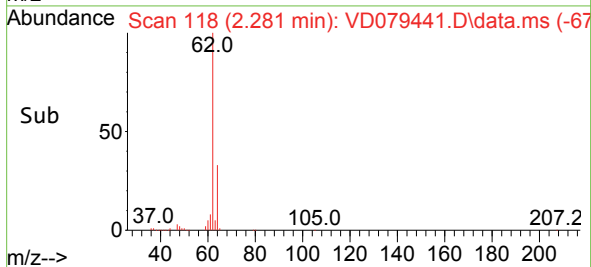
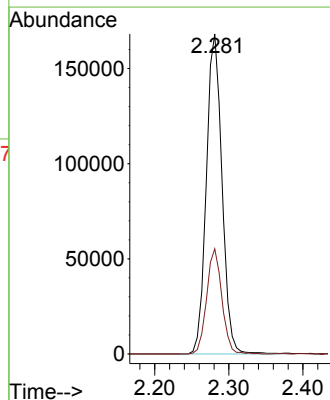
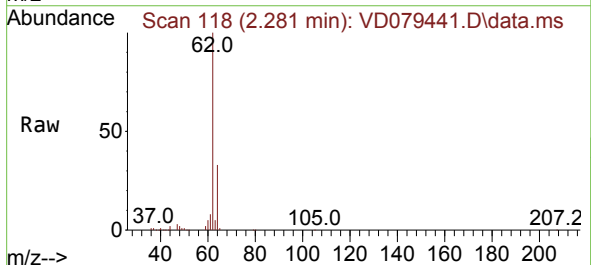
Instrument :
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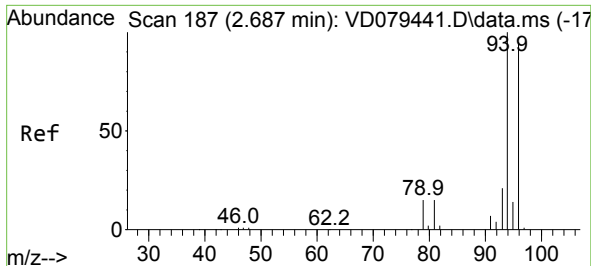
Tgt Ion: 50 Resp: 196662
Ion Ratio Lower Upper
50 100
52 32.7 28.2 42.2



#4
Vinyl Chloride
Concen: 50.752 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 62 Resp: 247061
Ion Ratio Lower Upper
62 100
64 32.8 26.3 39.5

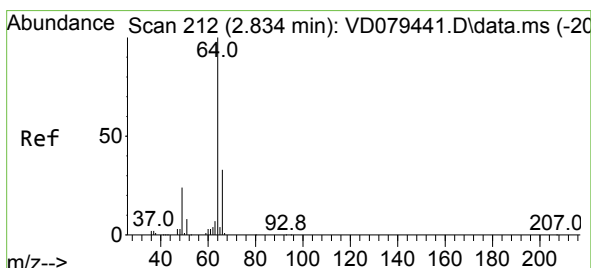
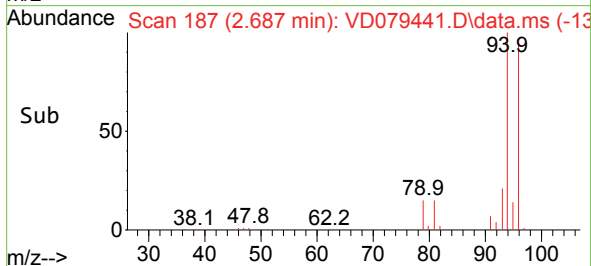
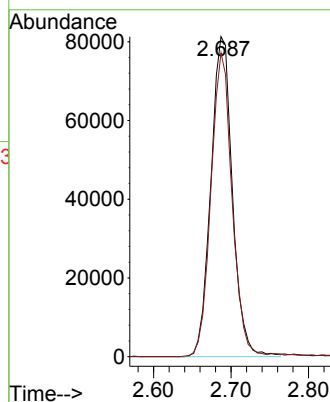
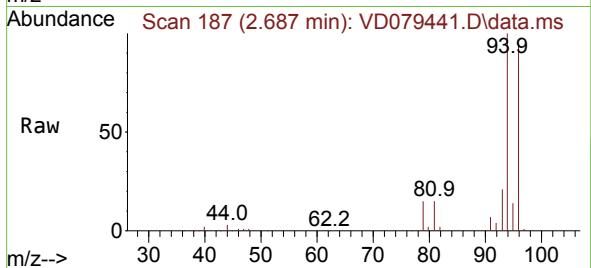




#5
Bromomethane
Concen: 51.221 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD079441.D
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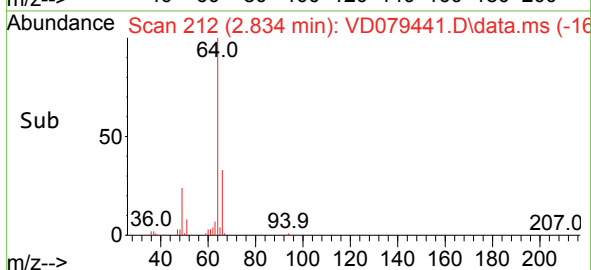
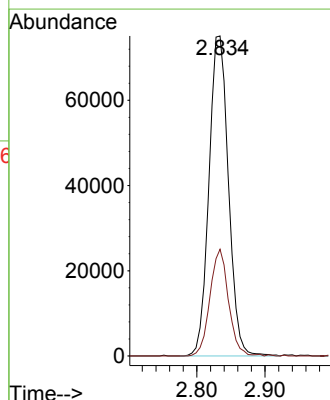
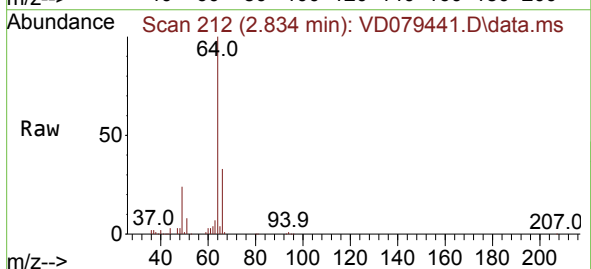
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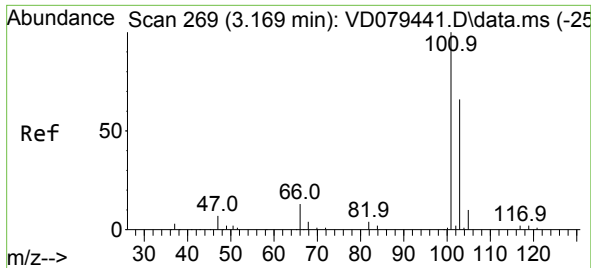
Tgt Ion: 94 Resp: 157183
Ion Ratio Lower Upper
94 100
96 92.6 76.9 115.3



#6
Chloroethane
Concen: 47.786 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 64 Resp: 149482
Ion Ratio Lower Upper
64 100
66 33.4 24.5 36.7

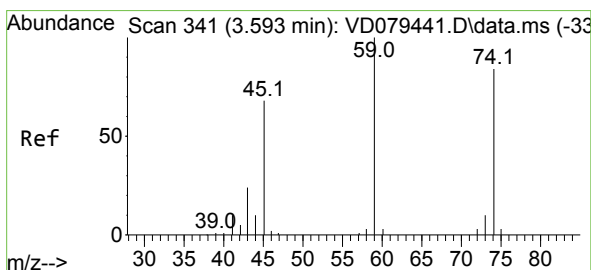
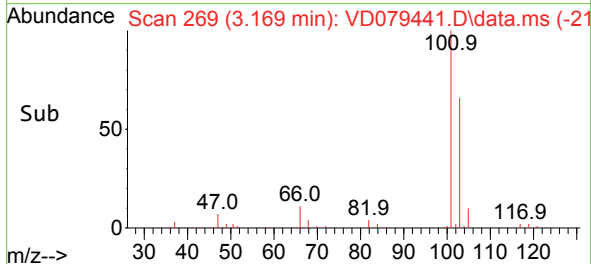
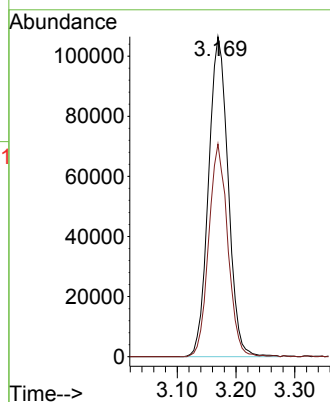
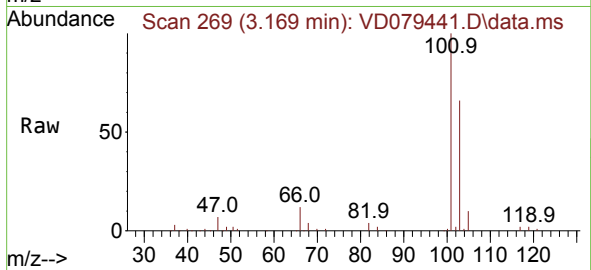




#7
 Trichlorofluoromethane
 Concen: 51.005 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

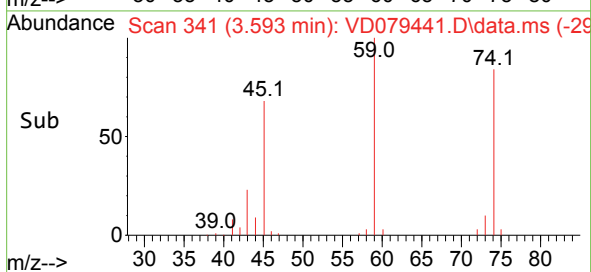
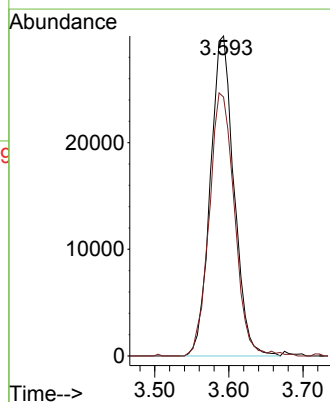
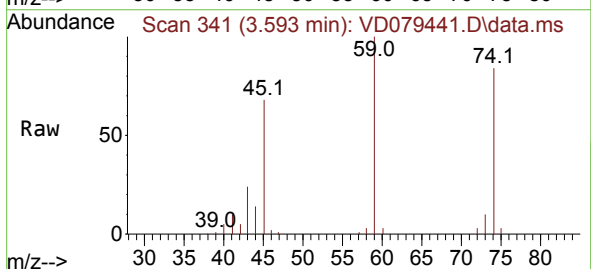
Instrument :
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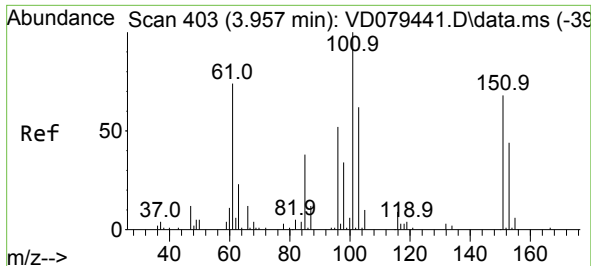
Tgt Ion:101 Resp: 246925
 Ion Ratio Lower Upper
 101 100
 103 66.4 53.2 79.8



#8
 Diethyl Ether
 Concen: 45.519 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

Tgt Ion: 74 Resp: 66567
 Ion Ratio Lower Upper
 74 100
 45 87.9 37.9 113.6

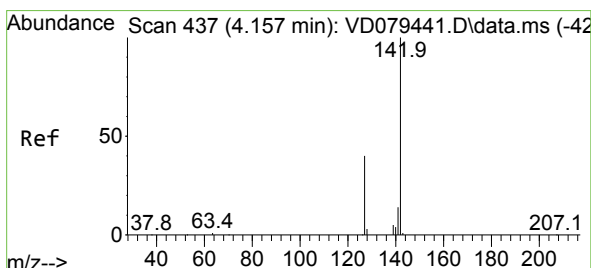
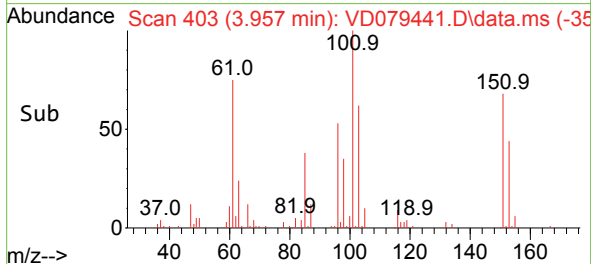
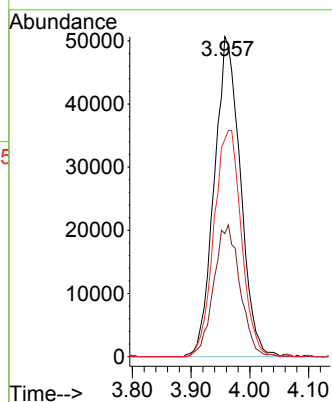
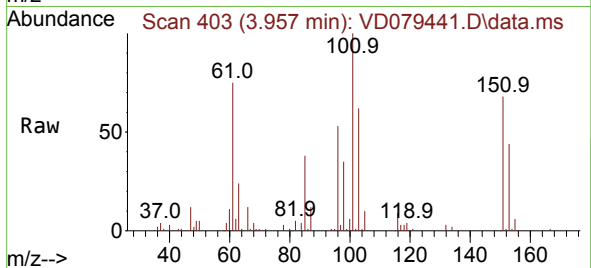




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.059 ug/l
RT: 3.957 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

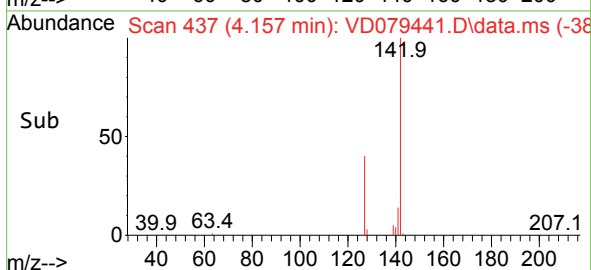
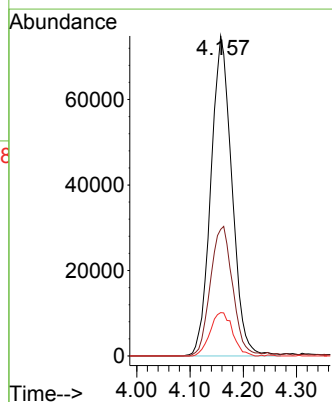
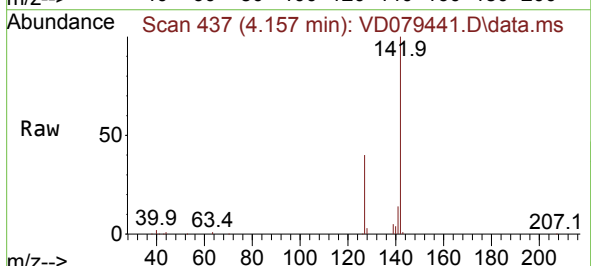
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

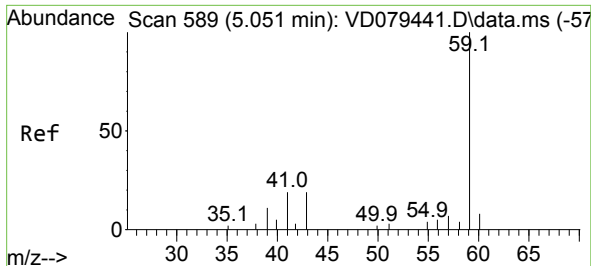
Tgt Ion:101 Resp: 156339
Ion Ratio Lower Upper
101 100
85 41.5 33.5 50.3
151 74.2 60.3 90.5



#10
Methyl Iodide
Concen: 54.695 ug/l
RT: 4.157 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:142 Resp: 205658
Ion Ratio Lower Upper
142 100
127 42.8 34.2 51.4
141 14.5 11.7 17.5

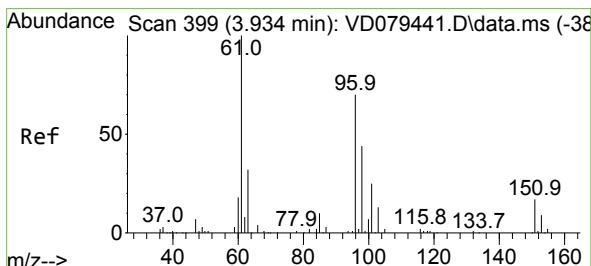
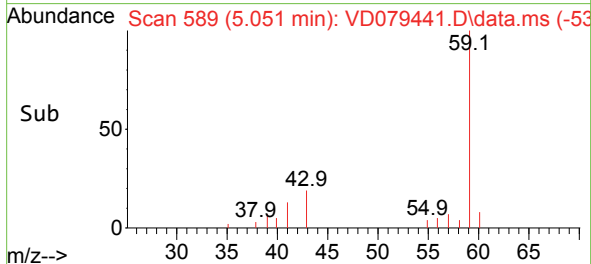
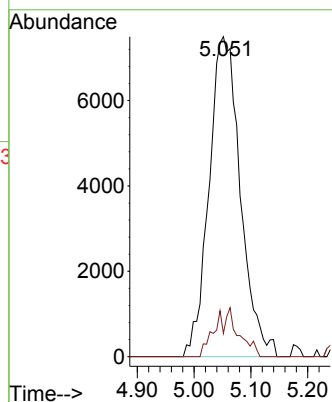
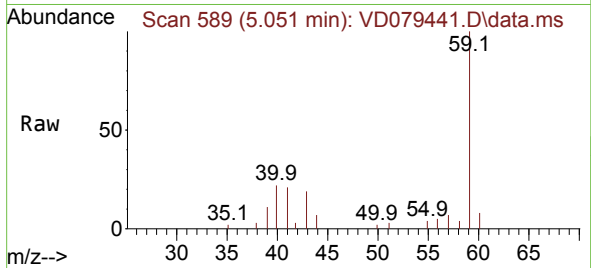




#11
Tert butyl alcohol
Concen: 223.561 ug/l
RT: 5.051 min Scan# 589
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

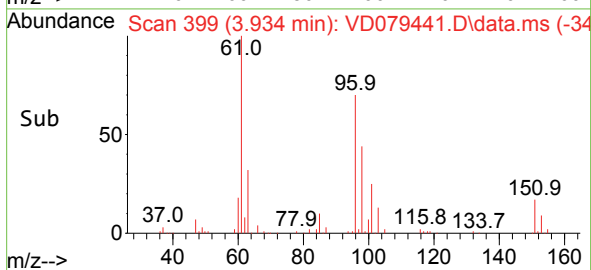
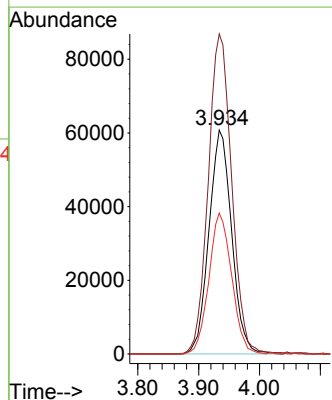
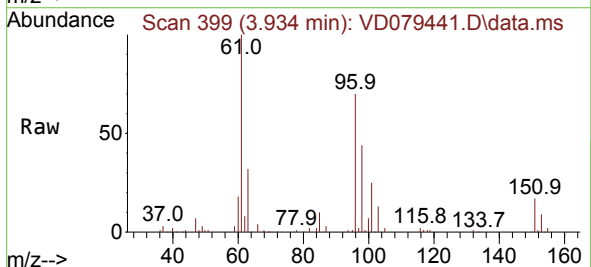
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

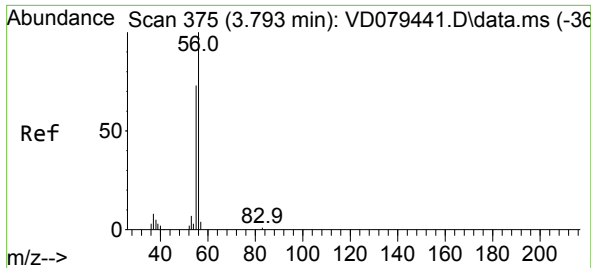
Tgt Ion: 59 Resp: 28709
Ion Ratio Lower Upper
59 100
57 6.5 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 51.502 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 96 Resp: 157811
Ion Ratio Lower Upper
96 100
61 143.0 107.3 160.9
98 62.9 51.7 77.5





#13

Acrolein

Concen: 225.639 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

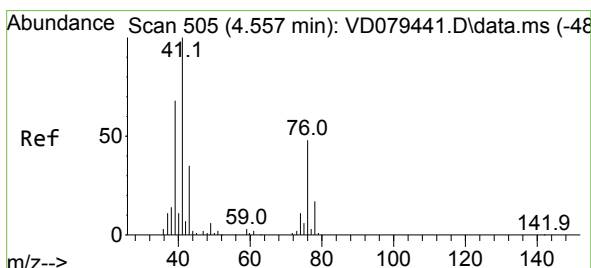
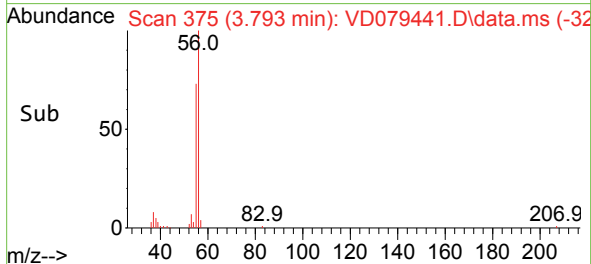
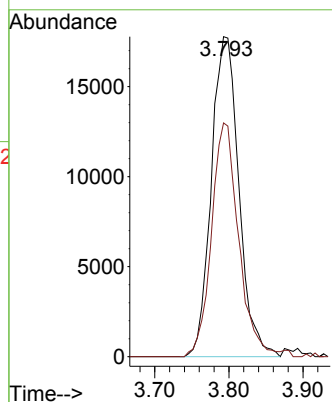
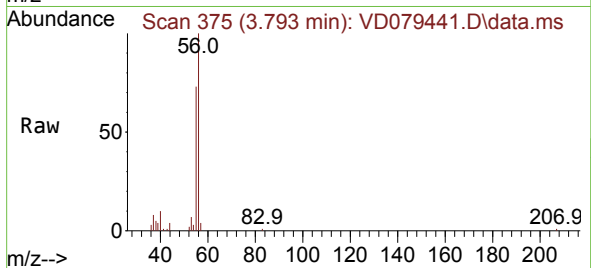
VSTDICCC050

Tgt Ion: 56 Resp: 45886

Ion Ratio Lower Upper

56 100

55 71.9 55.3 82.9



#14

Allyl chloride

Concen: 50.455 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

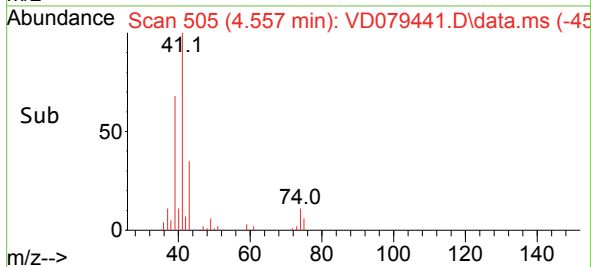
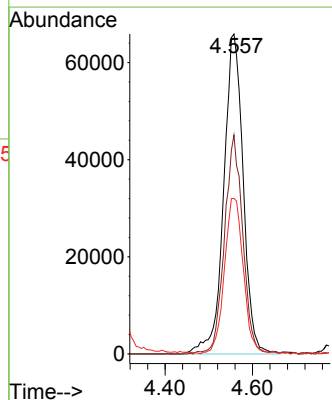
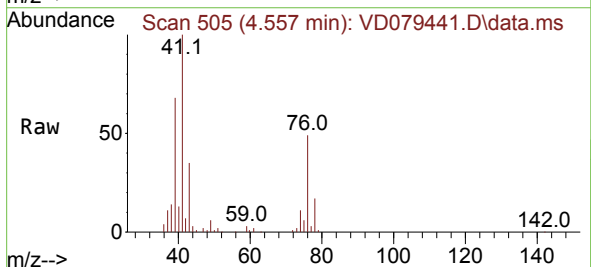
Tgt Ion: 41 Resp: 204154

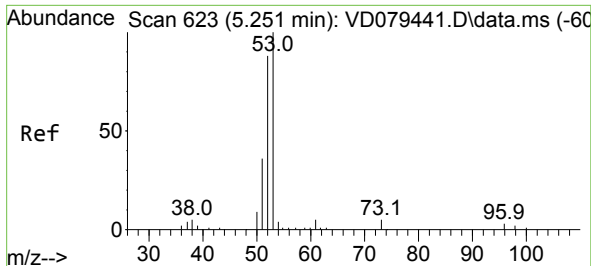
Ion Ratio Lower Upper

41 100

39 63.7 58.0 87.0

76 47.2 45.9 68.9

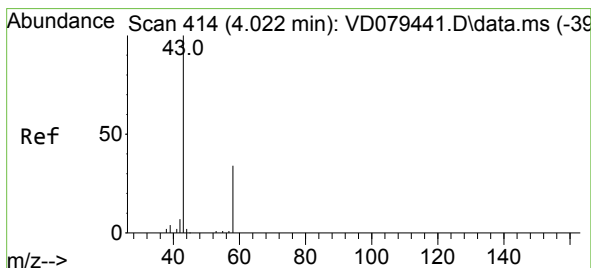
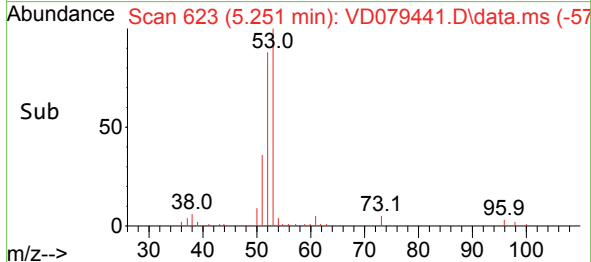
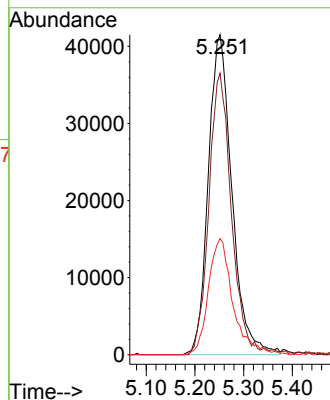
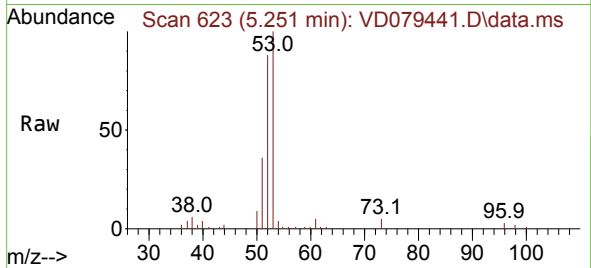




#15
Acrylonitrile
Concen: 204.304 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

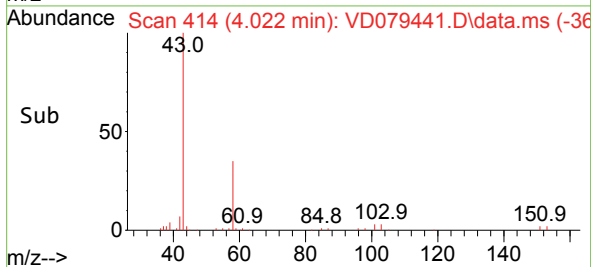
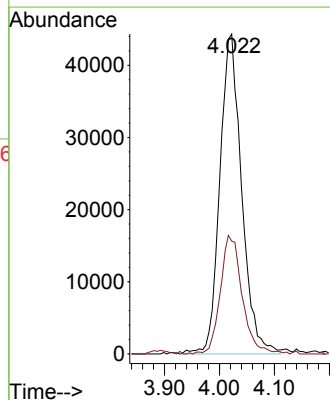
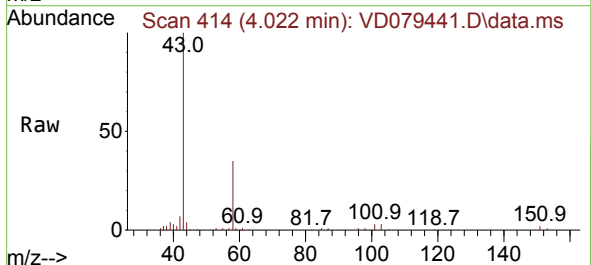
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

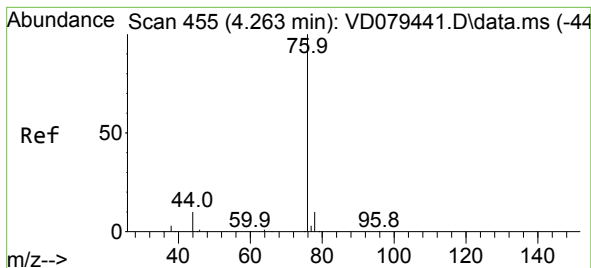
Tgt Ion: 53 Resp: 139613
Ion Ratio Lower Upper
53 100
52 83.2 67.7 101.5
51 37.8 28.6 42.8



#16
Acetone
Concen: 218.660 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 43 Resp: 122429
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6





#17

Carbon Disulfide

Concen: 51.822 ug/l

RT: 4.263 min Scan# 455

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

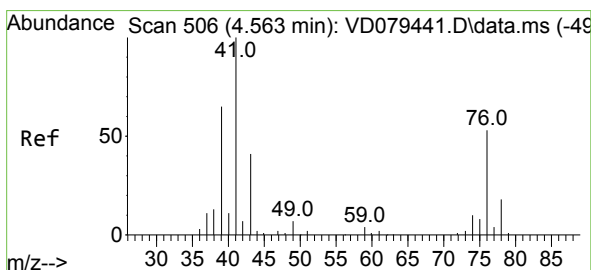
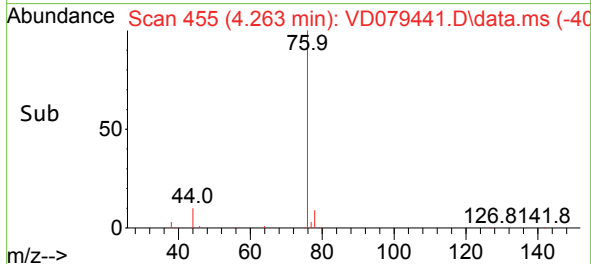
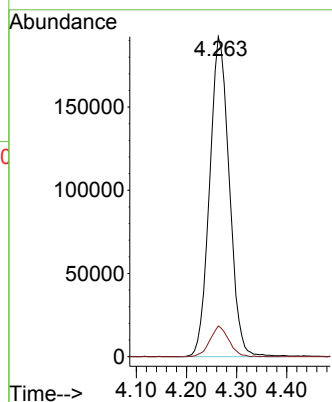
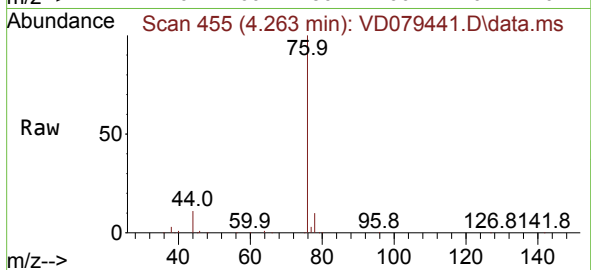
VSTDICCC050

Tgt Ion: 76 Resp: 524151

Ion Ratio Lower Upper

76 100

78 9.6 6.9 10.3



#18

Methyl Acetate

Concen: 39.235 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD079441.D

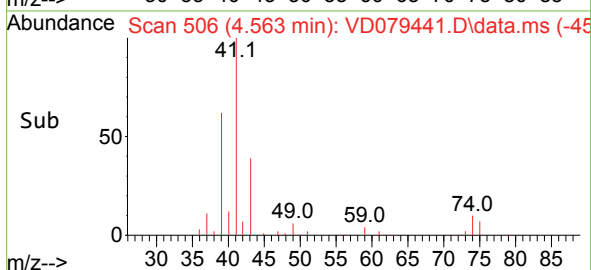
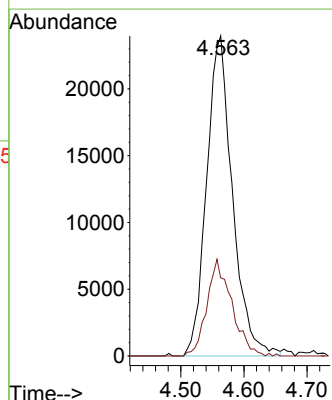
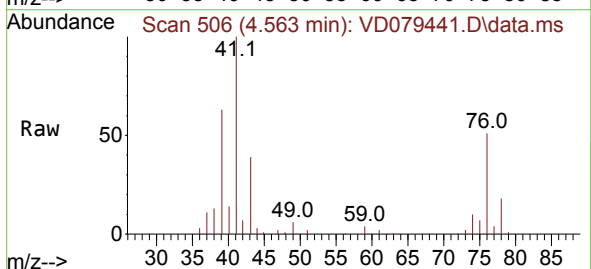
Acq: 29 Jul 2024 17:39

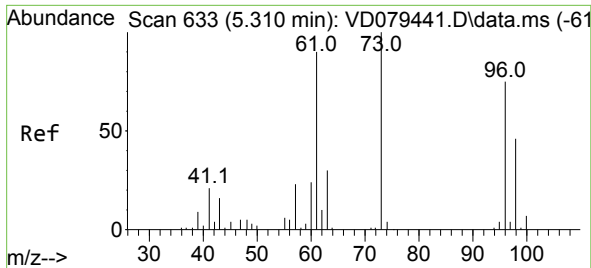
Tgt Ion: 43 Resp: 68206

Ion Ratio Lower Upper

43 100

74 29.0 28.1 42.1

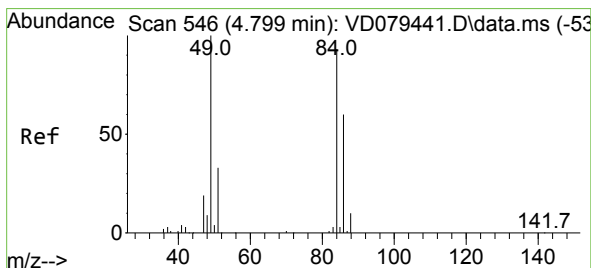
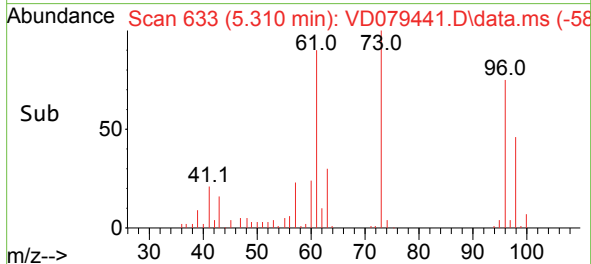
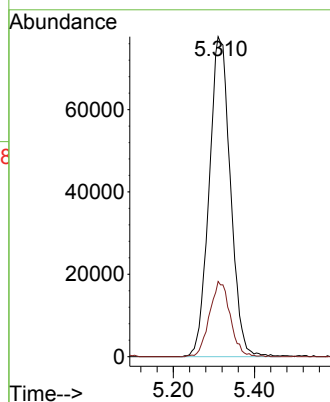
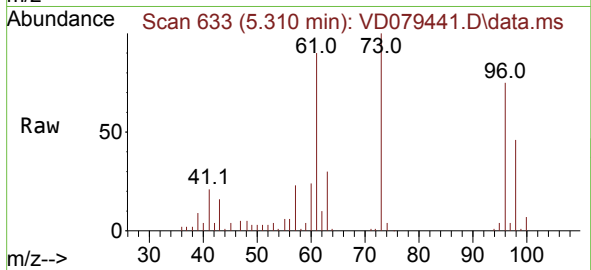




#19
Methyl tert-butyl Ether
Concen: 45.116 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

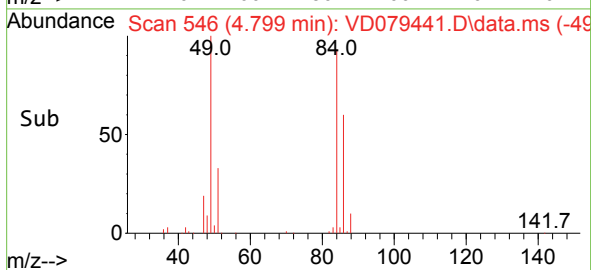
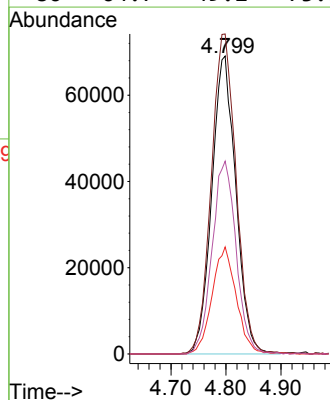
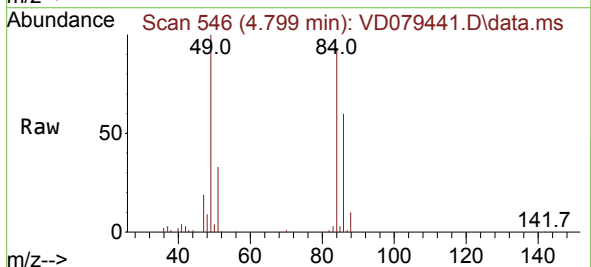
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

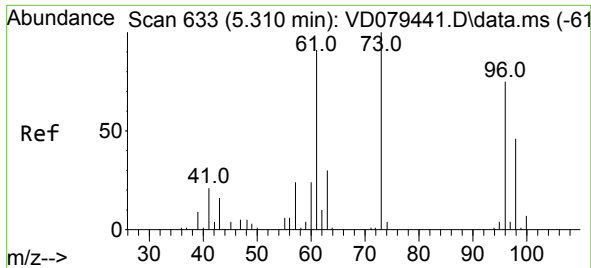
Tgt Ion: 73 Resp: 282185
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 51.202 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 84 Resp: 210409
Ion Ratio Lower Upper
84 100
49 107.4 75.6 113.4
51 36.0 24.2 36.2
86 64.7 49.2 73.8

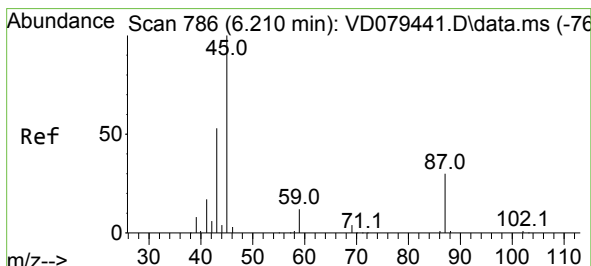
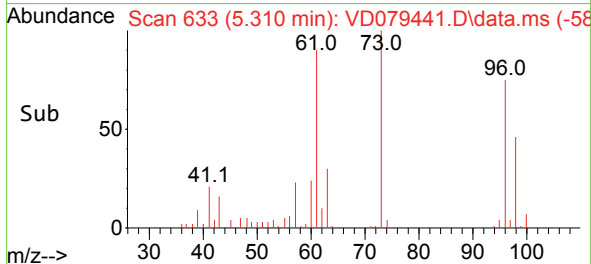
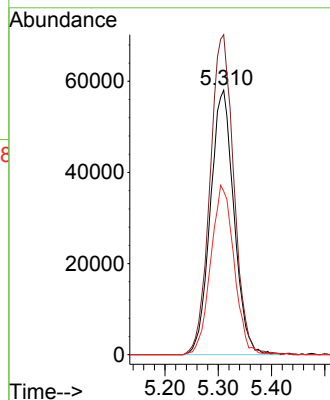
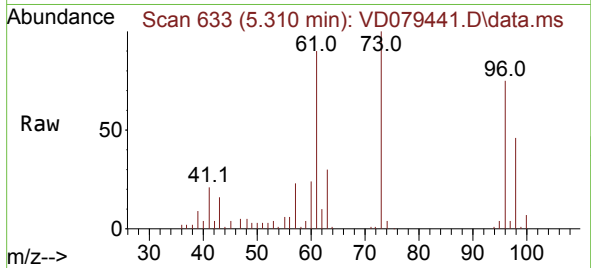




#21
trans-1,2-Dichloroethene
Concen: 51.898 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

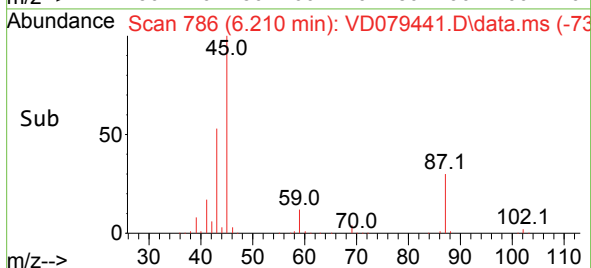
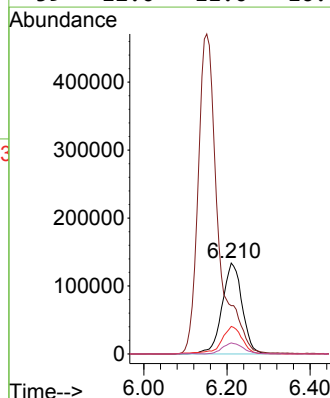
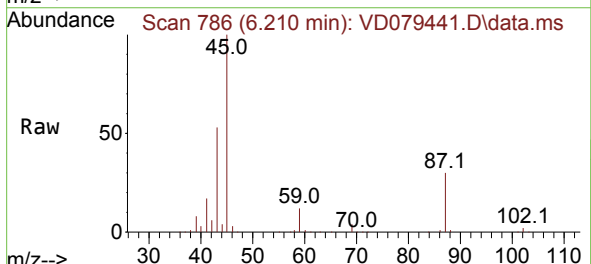
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

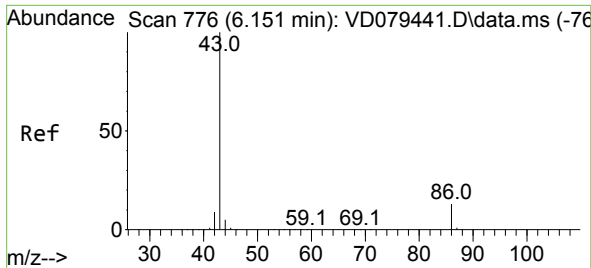
Tgt Ion: 96 Resp: 178644
Ion Ratio Lower Upper
96 100
61 121.0 84.5 126.7
98 61.8 50.5 75.7



#22
Diisopropyl ether
Concen: 49.624 ug/l
RT: 6.210 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 45 Resp: 446753
Ion Ratio Lower Upper
45 100
43 52.7 41.7 62.5
87 30.1 30.2 45.2#
59 12.0 11.0 16.6

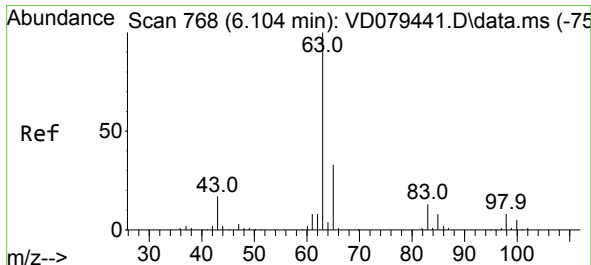
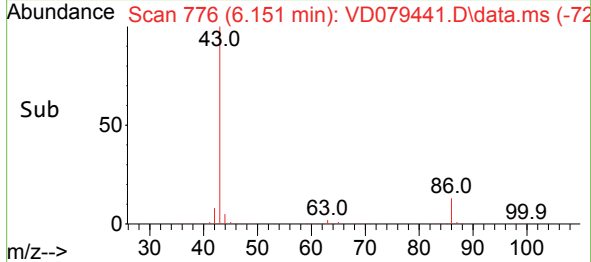
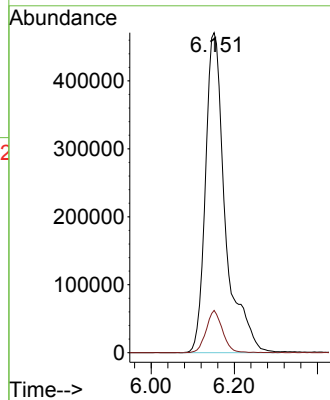
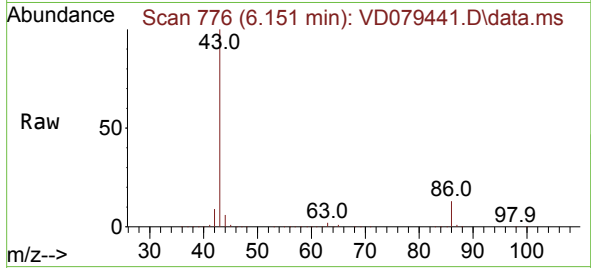




#23
 Vinyl Acetate
 Concen: 230.877 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

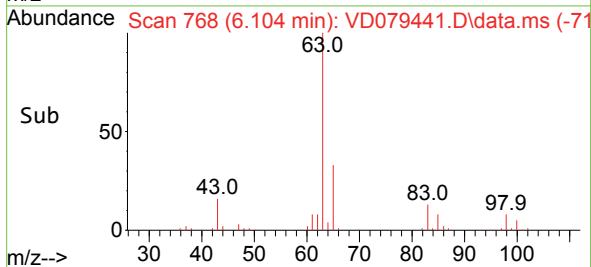
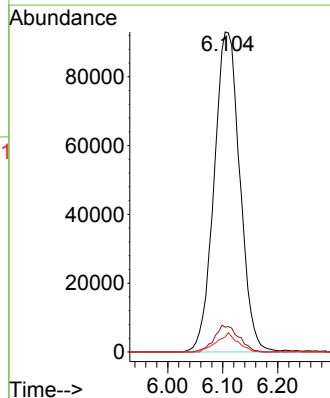
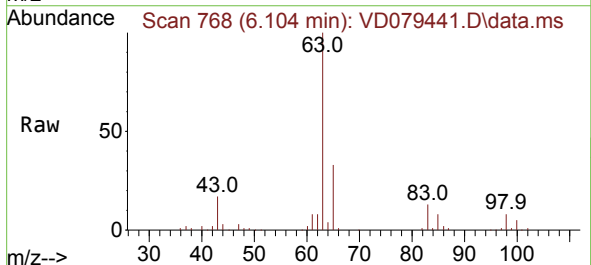
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

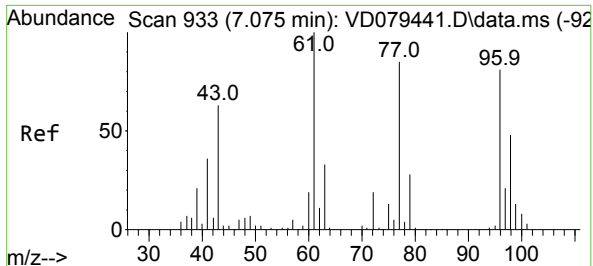
Tgt Ion: 43 Resp: 1562476
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 50.114 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

Tgt Ion: 63 Resp: 302344
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.7 14.0
 100 4.7 2.9 8.6

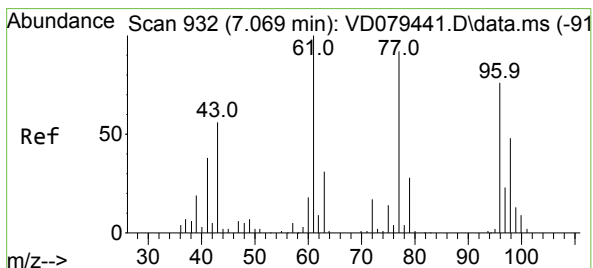
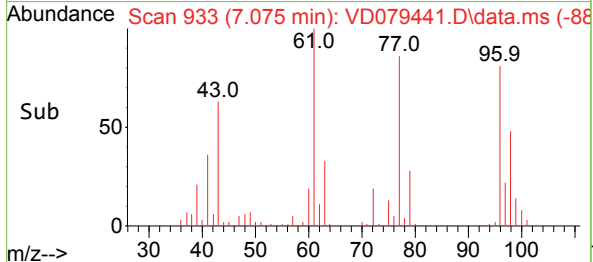
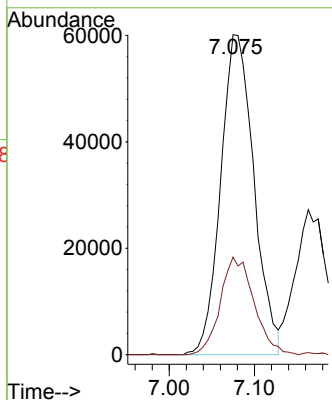
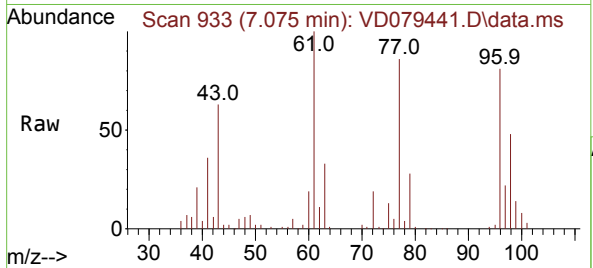




#25
2-Butanone
Concen: 205.398 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

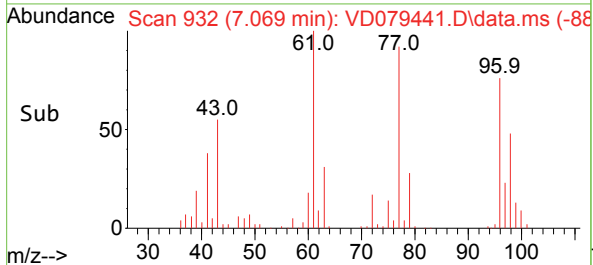
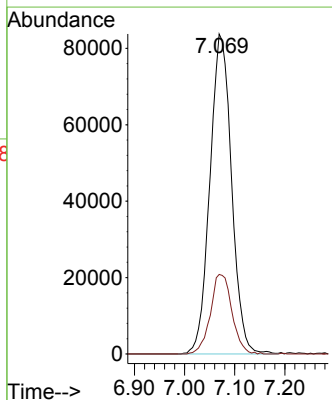
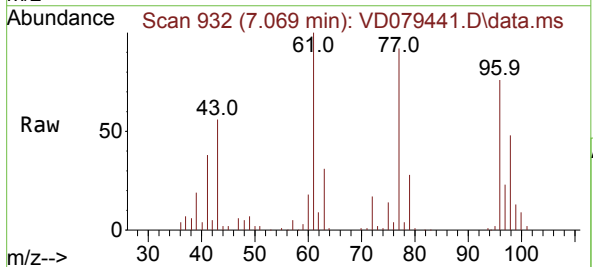
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

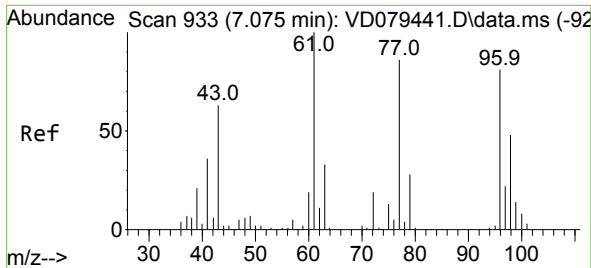
Tgt Ion: 43 Resp: 163043
Ion Ratio Lower Upper
43 100
72 30.5 26.4 39.6



#26
2,2-Dichloropropane
Concen: 51.477 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 77 Resp: 251208
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.2

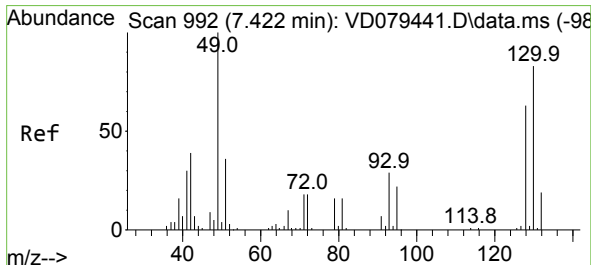
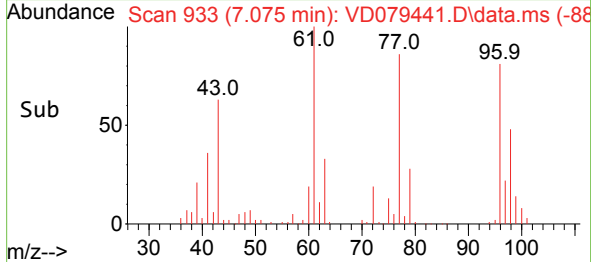
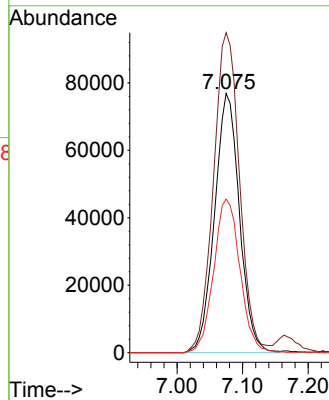
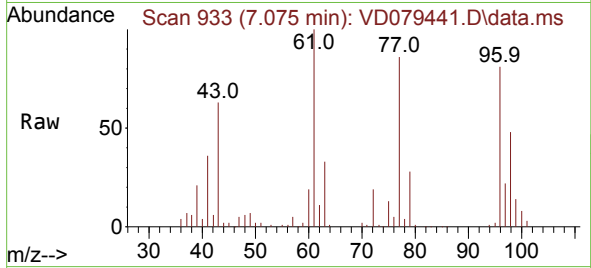




#27
 cis-1,2-Dichloroethene
 Concen: 51.503 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

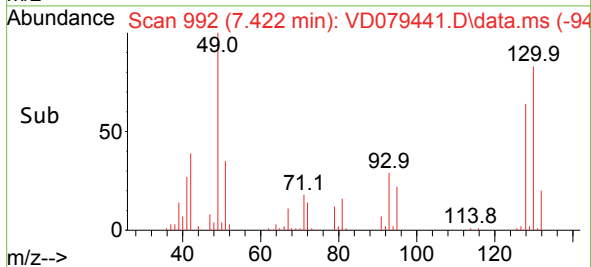
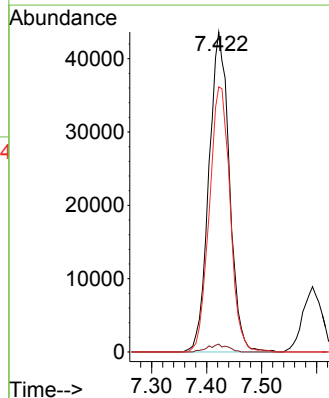
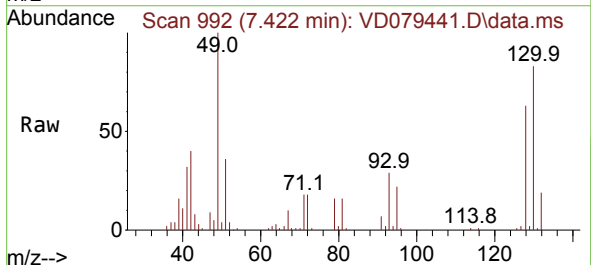
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

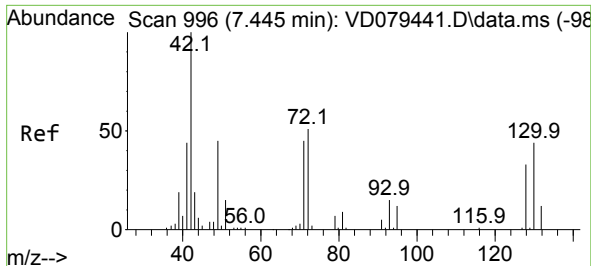
Tgt Ion: 96 Resp: 202642
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 229.0
 98 62.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 42.665 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

Tgt Ion: 49 Resp: 112875
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 7.0
 130 84.0 87.7 131.5#





#29

Tetrahydrofuran

Concen: 202.092 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

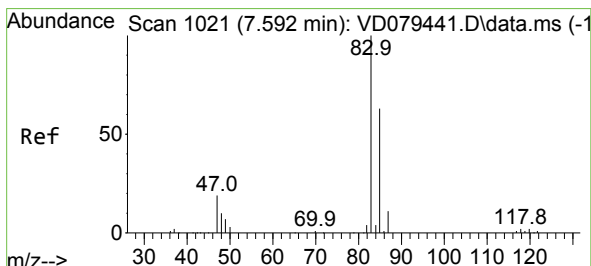
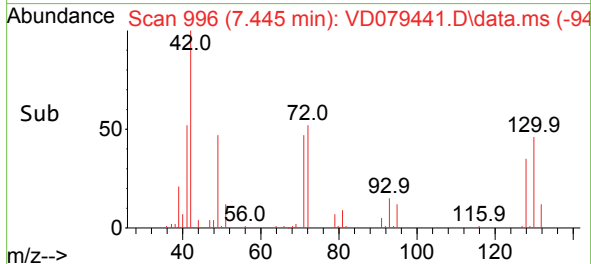
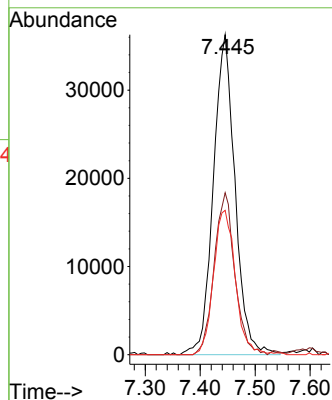
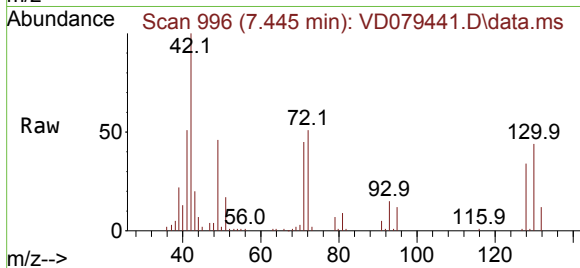
Tgt Ion: 42 Resp: 99416

Ion Ratio Lower Upper

42 100

72 48.1 49.4 74.0#

71 45.7 45.0 67.6



#30

Chloroform

Concen: 49.621 ug/l

RT: 7.592 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079441.D

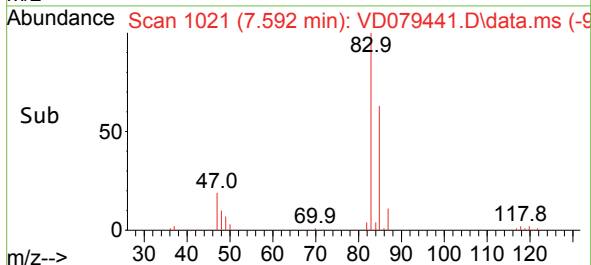
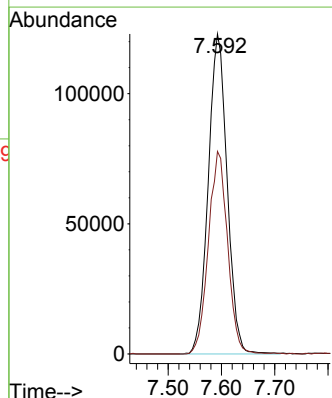
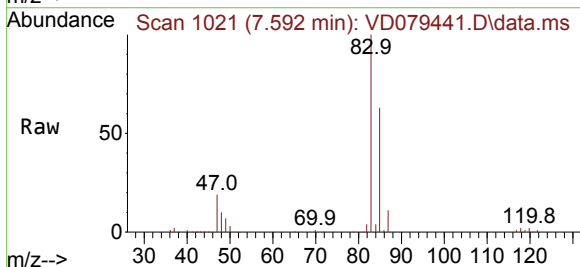
Acq: 29 Jul 2024 17:39

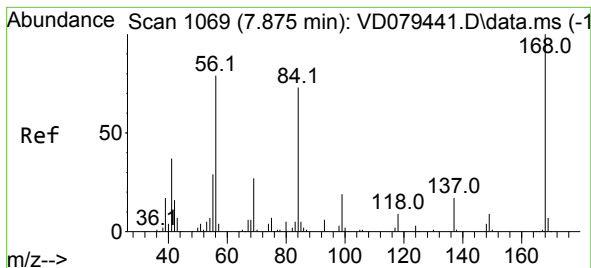
Tgt Ion: 83 Resp: 303166

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6





#31

Cyclohexane

Concen: 49.955 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

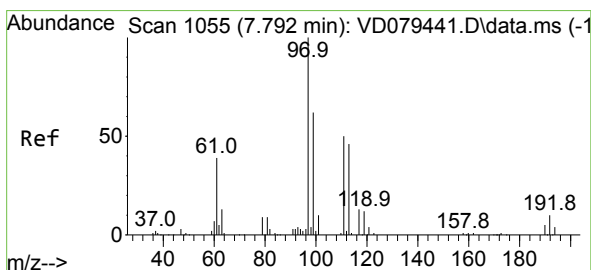
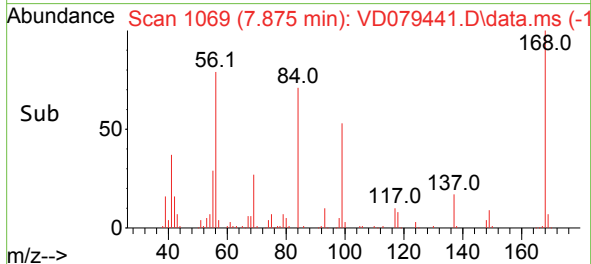
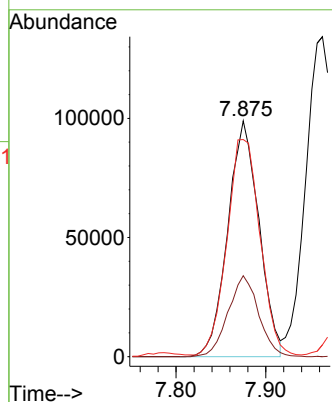
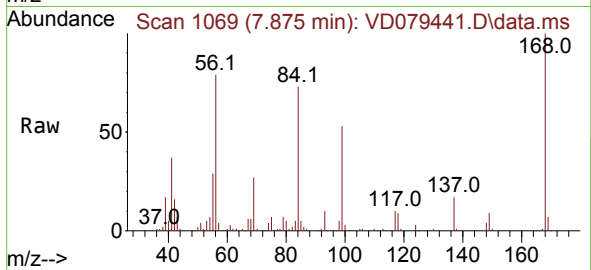
Tgt Ion: 56 Resp: 239024

Ion Ratio Lower Upper

56 100

69 34.0 28.0 42.0

84 91.0 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 51.503 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

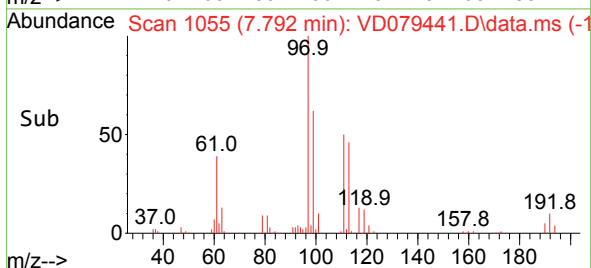
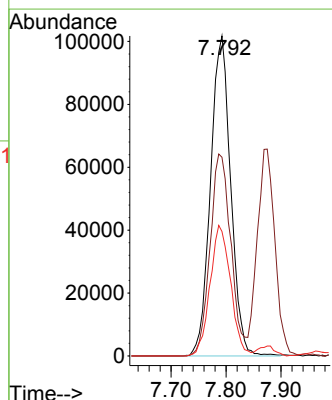
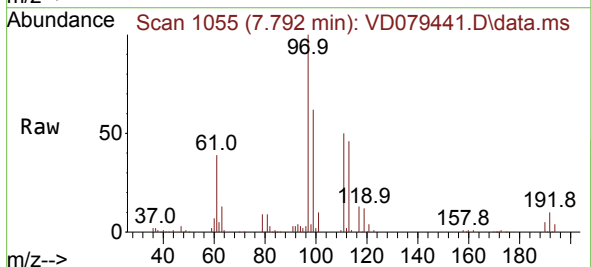
Tgt Ion: 97 Resp: 259649

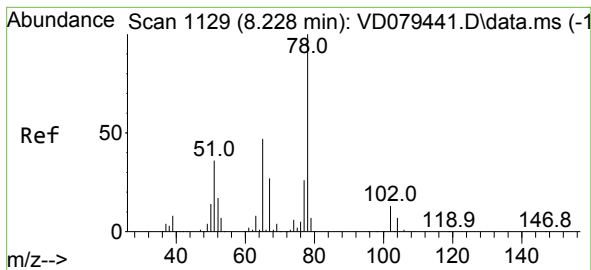
Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 41.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 45.246 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

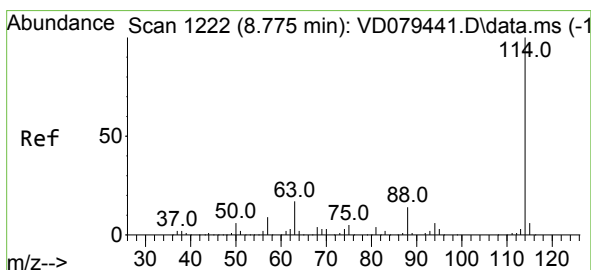
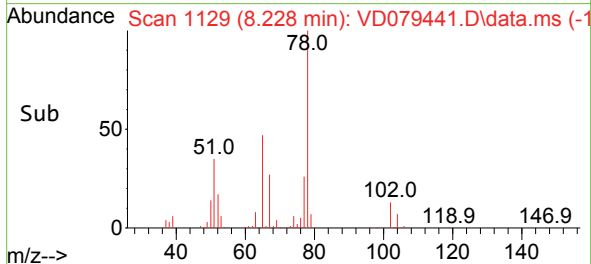
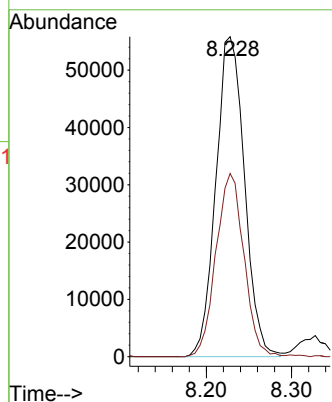
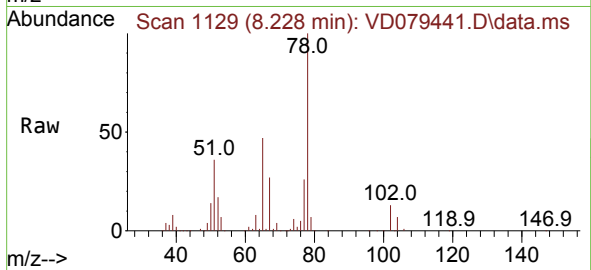
VSTDICCC050

Tgt Ion: 65 Resp: 130355

Ion Ratio Lower Upper

65 100

67 55.8 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: VD079441.D

Acq: 29 Jul 2024 17:39

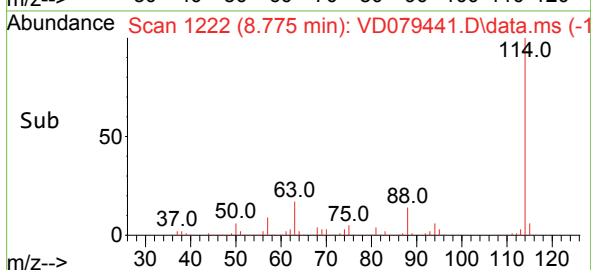
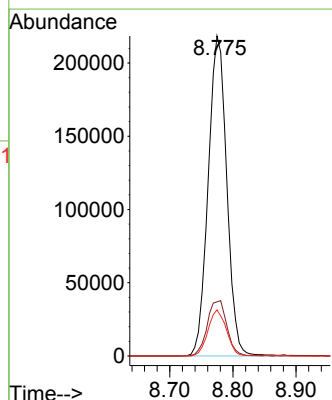
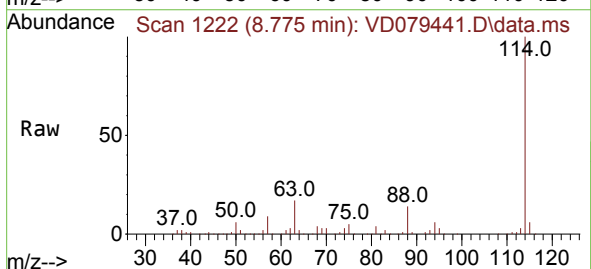
Tgt Ion: 114 Resp: 446882

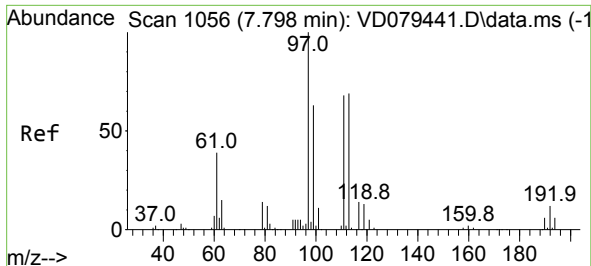
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.661 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

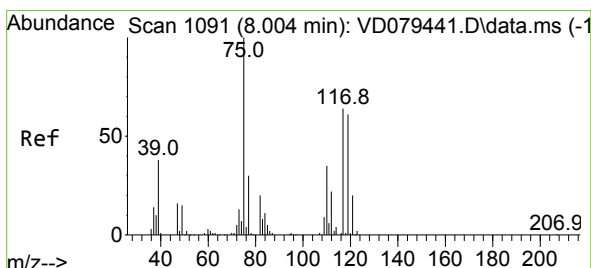
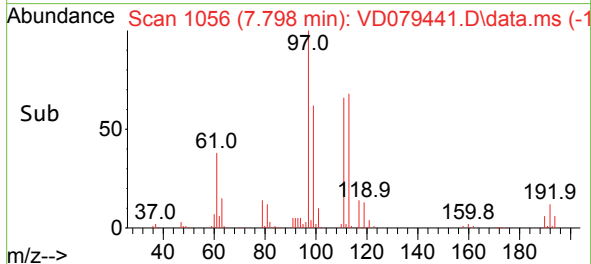
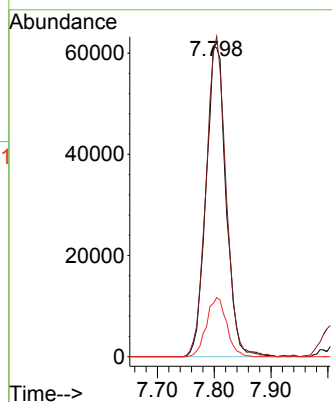
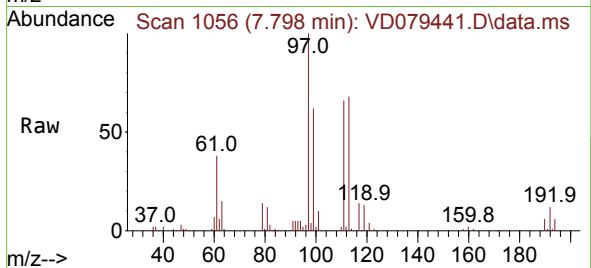
Tgt Ion:113 Resp: 150211

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 19.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 54.648 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

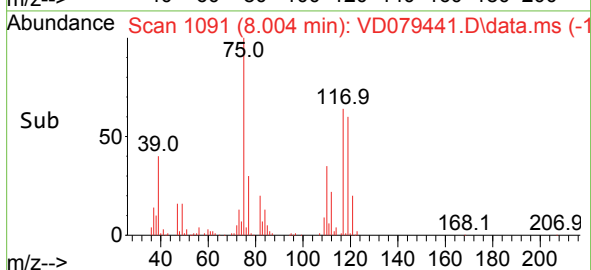
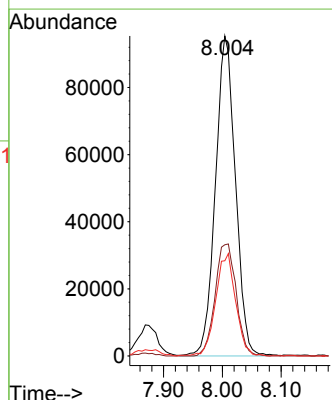
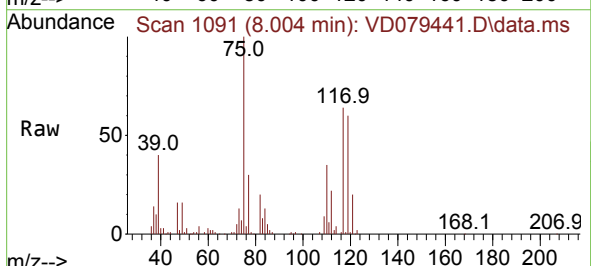
Tgt Ion: 75 Resp: 225611

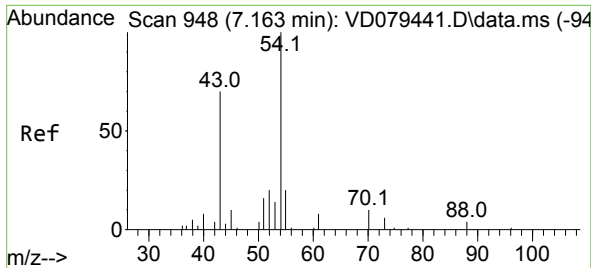
Ion Ratio Lower Upper

75 100

110 36.9 19.6 58.7

77 32.0 26.1 39.1

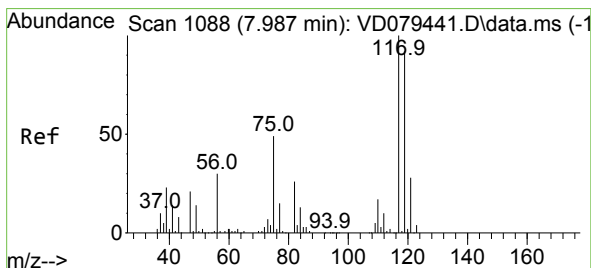
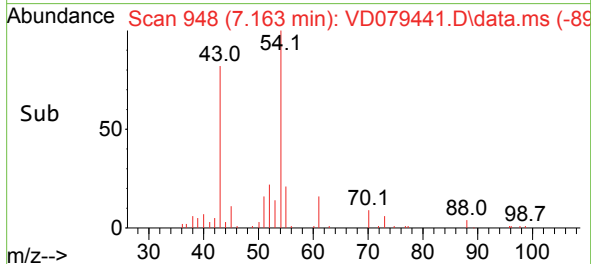
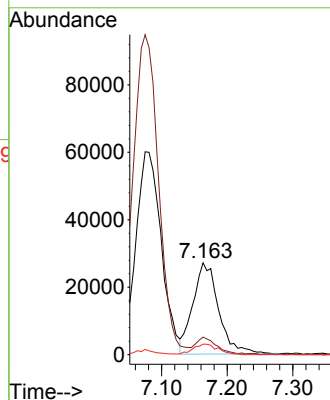
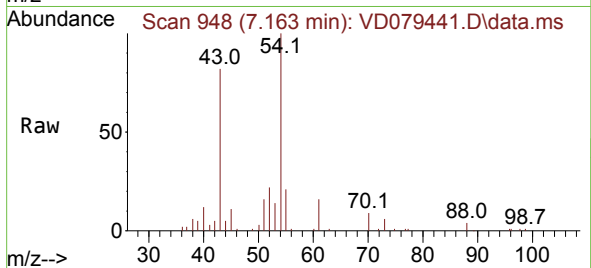




#37
Ethyl Acetate
Concen: 43.564 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

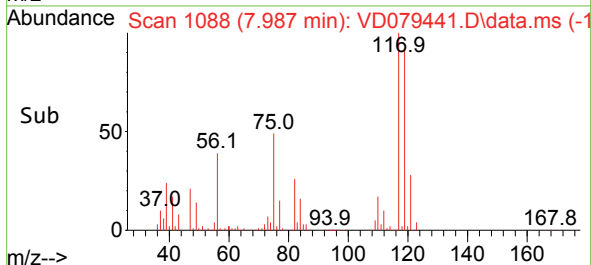
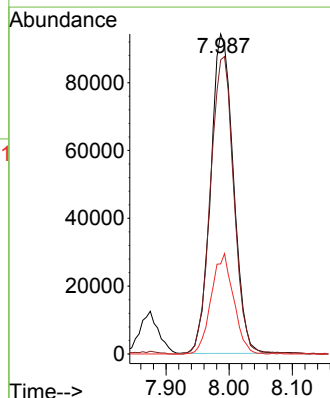
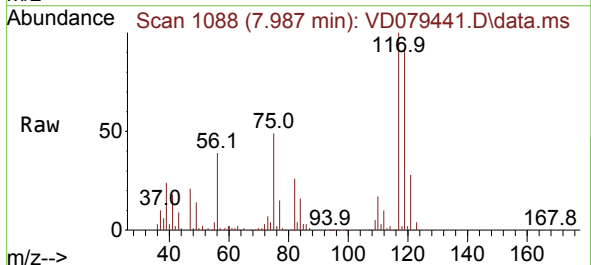
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

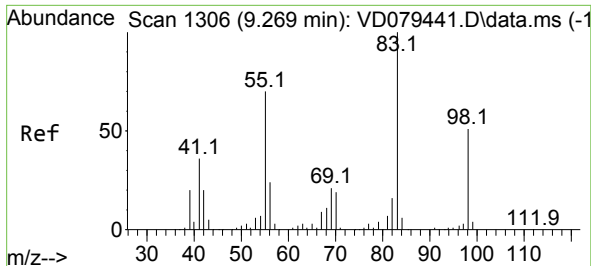
Tgt Ion:	43	Resp:	73739
Ion	Ratio	Lower	Upper
43	100		
61	16.8	13.9	20.9
70	11.3	9.8	14.6



#38
Carbon Tetrachloride
Concen: 54.274 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:	117	Resp:	235547
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.4	113.0
121	28.2	25.0	37.4





#39

Methylcyclohexane

Concen: 55.299 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

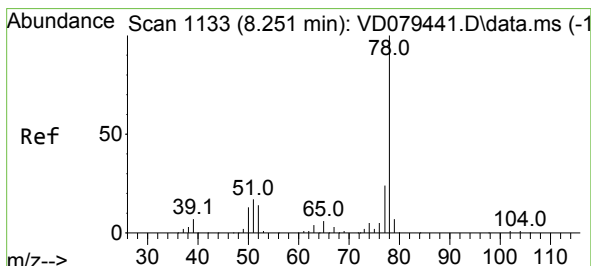
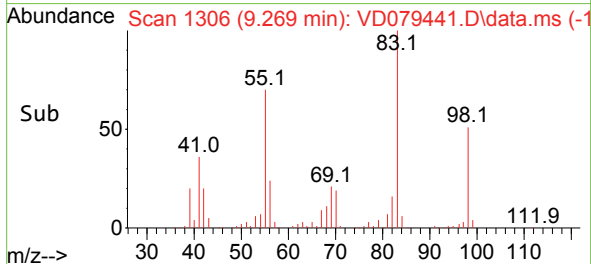
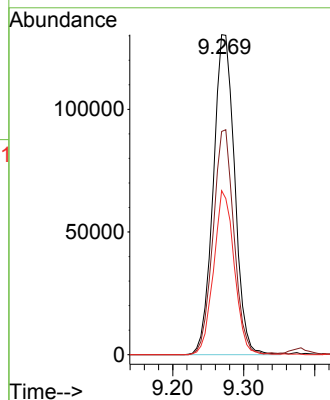
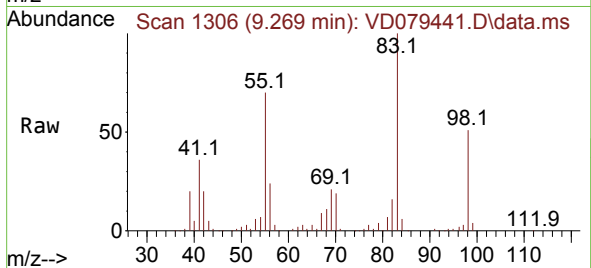
Tgt Ion: 83 Resp: 272393

Ion Ratio Lower Upper

83 100

55 69.7 50.1 75.1

98 51.3 41.9 62.9



#40

Benzene

Concen: 53.355 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079441.D

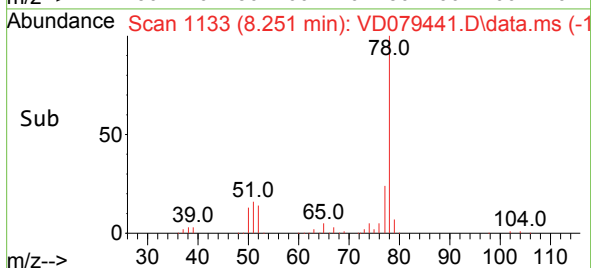
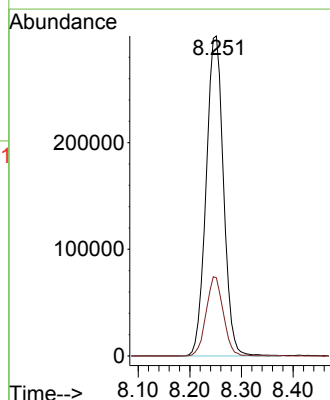
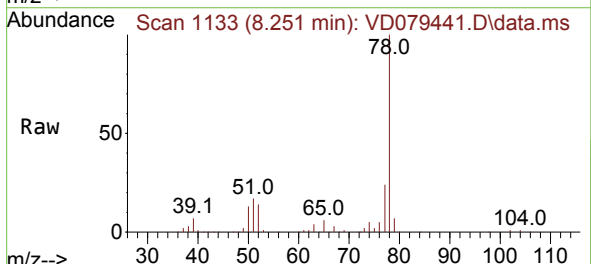
Acq: 29 Jul 2024 17:39

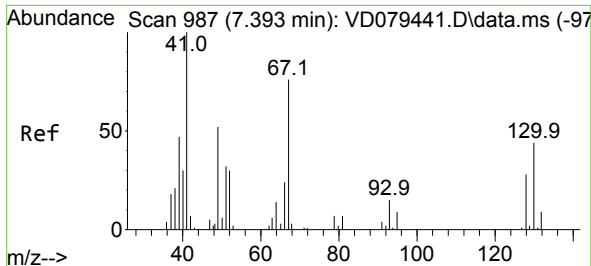
Tgt Ion: 78 Resp: 699619

Ion Ratio Lower Upper

78 100

77 24.5 18.1 27.1

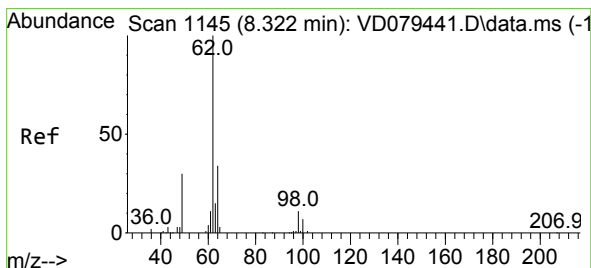
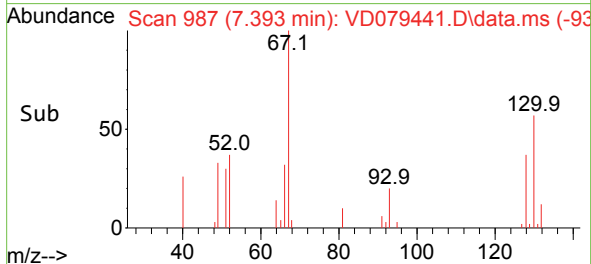
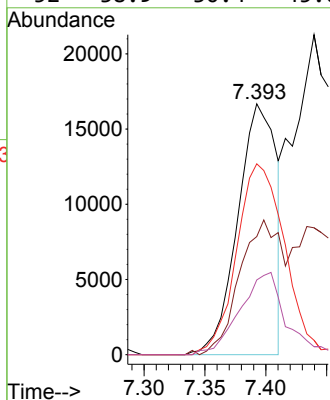
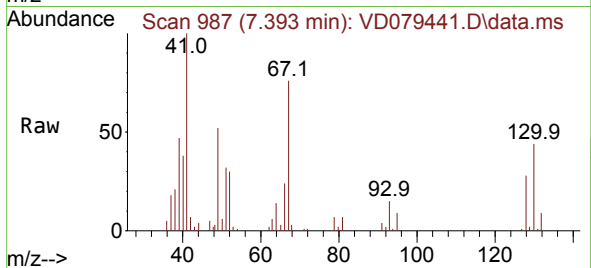




#41
Methacrylonitrile
Concen: 39.436 ug/l
RT: 7.393 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

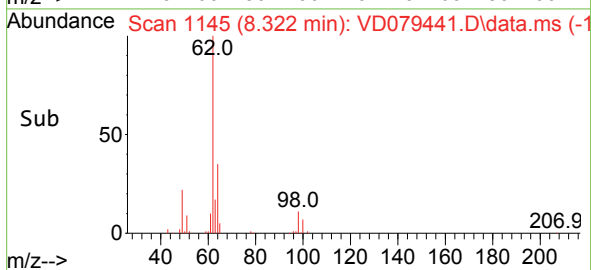
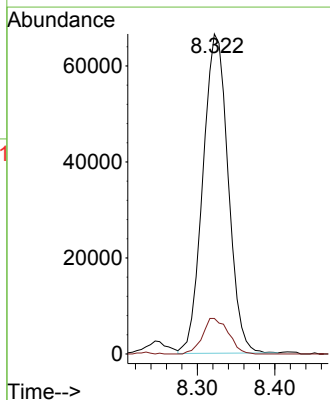
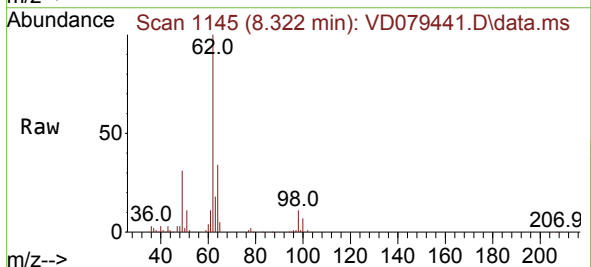
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

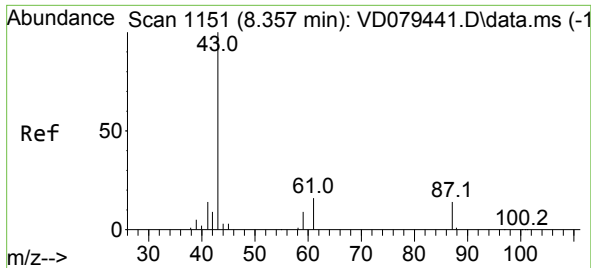
Tgt Ion:	41	Resp:	36717
Ion	Ratio	Lower	Upper
41	100		
39	58.8	41.4	62.0
67	95.2	85.8	128.6
52	38.9	30.4	45.6



#42
1,2-Dichloroethane
Concen: 48.263 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:	62	Resp:	150804
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	25.8

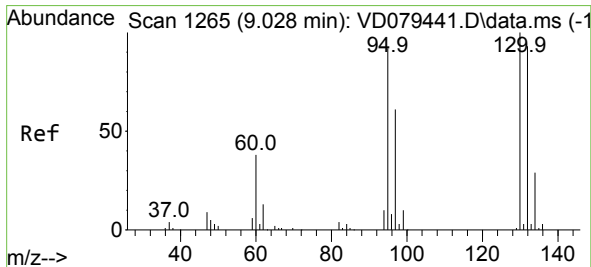
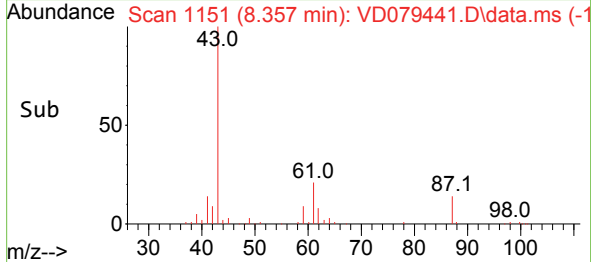
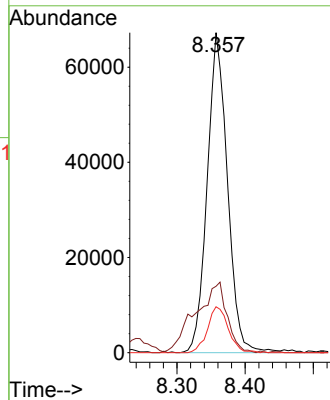
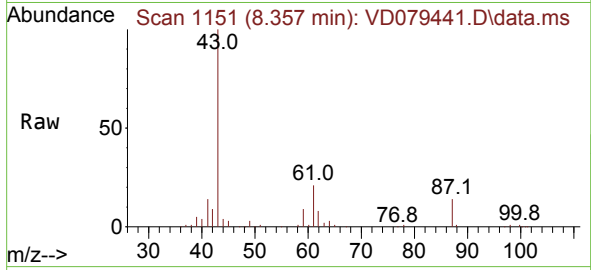




#43
Isopropyl Acetate
Concen: 43.697 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

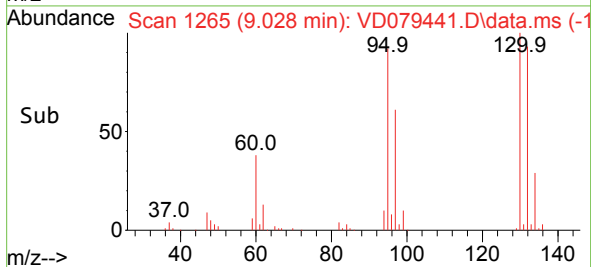
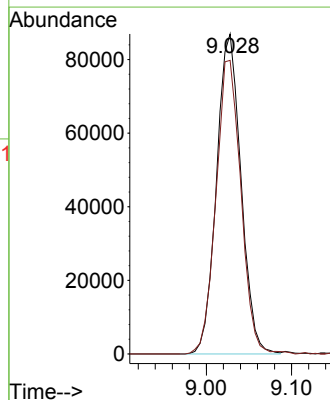
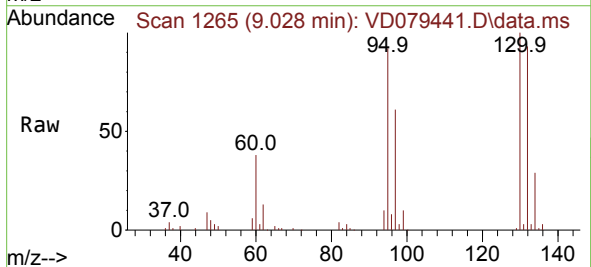
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

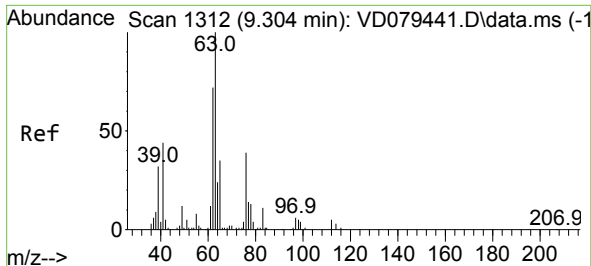
Tgt Ion: 43 Resp: 139010
Ion Ratio Lower Upper
43 100
61 34.0 29.3 43.9
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 53.191 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:130 Resp: 173624
Ion Ratio Lower Upper
130 100
95 91.8 0.0 177.8





#45

1,2-Dichloropropane

Concen: 51.574 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

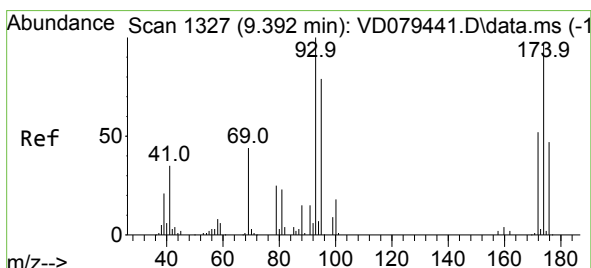
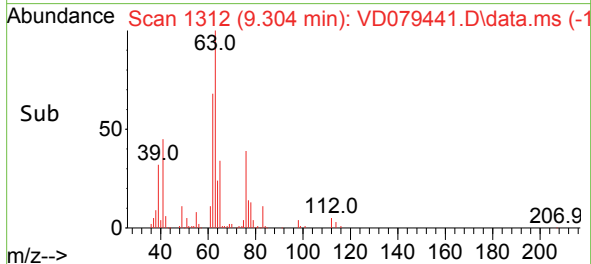
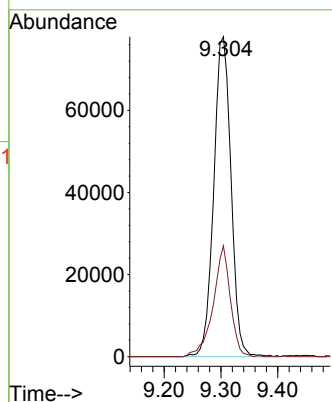
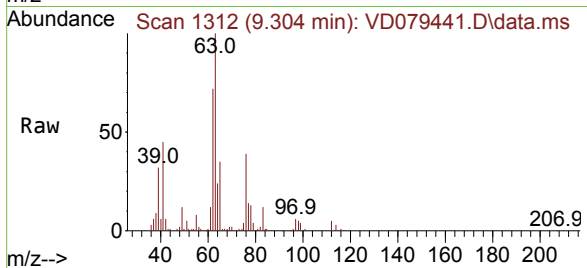
VSTDICCC050

Tgt Ion: 63 Resp: 164574

Ion Ratio Lower Upper

63 100

65 34.7 23.8 35.8



#46

Dibromomethane

Concen: 47.680 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

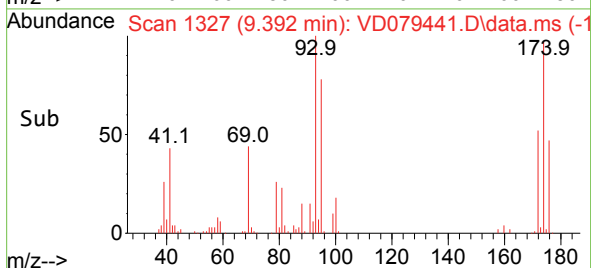
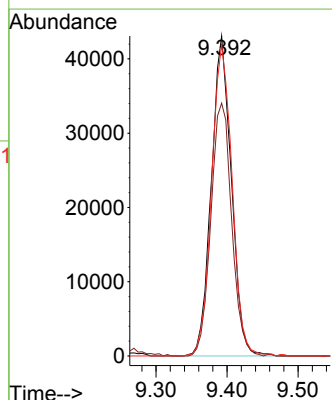
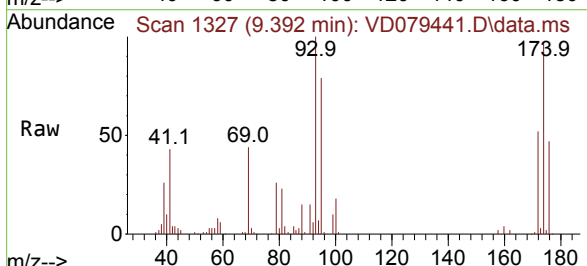
Tgt Ion: 93 Resp: 84347

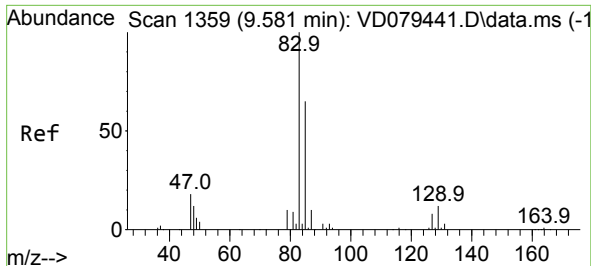
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 99.6 82.3 123.5





#47

Bromodichloromethane

Concen: 50.708 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

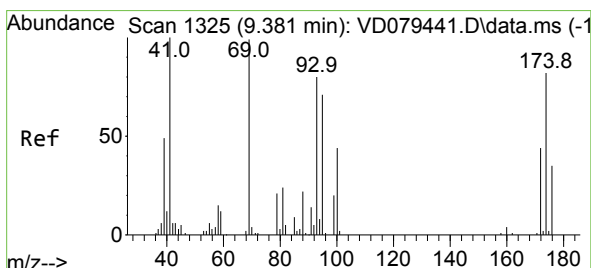
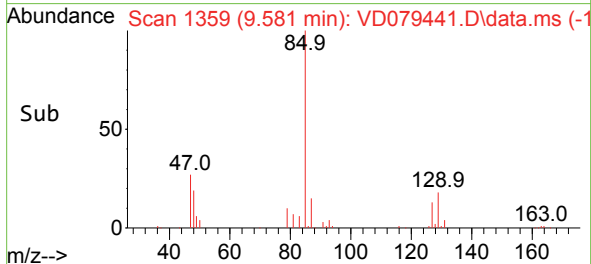
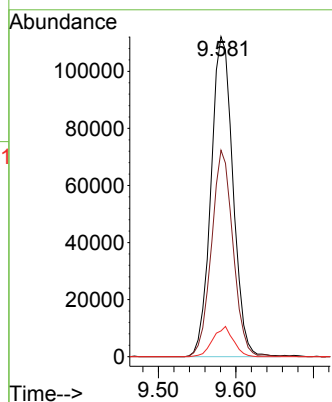
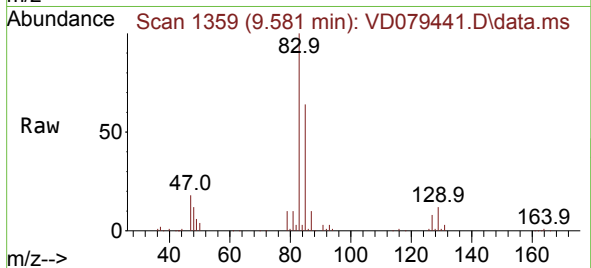
Tgt Ion: 83 Resp: 220260

Ion Ratio Lower Upper

83 100

85 64.5 50.1 75.1

127 8.1 6.8 10.2



#48

Methyl methacrylate

Concen: 46.040 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

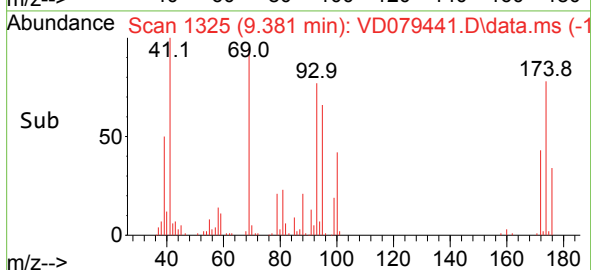
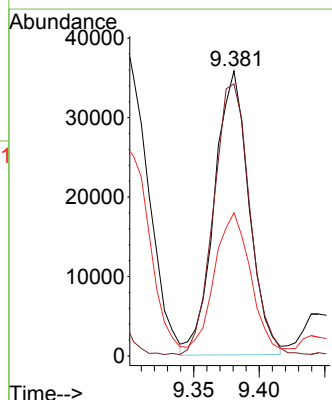
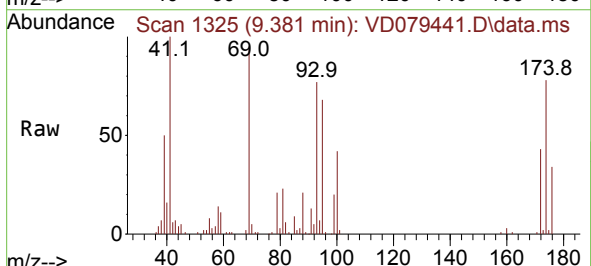
Tgt Ion: 41 Resp: 65546

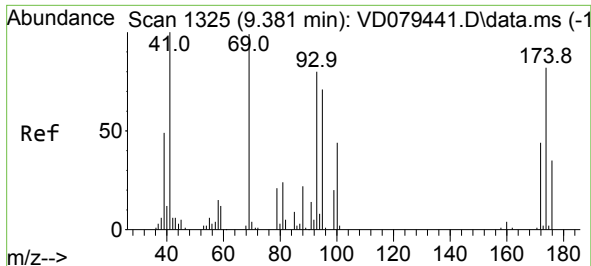
Ion Ratio Lower Upper

41 100

69 100.3 96.7 145.1

39 48.9 43.8 65.6





#49

1,4-Dioxane

Concen: 900.795 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

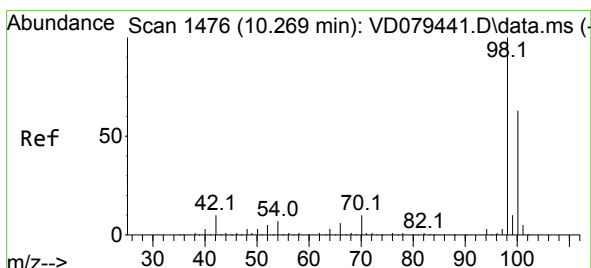
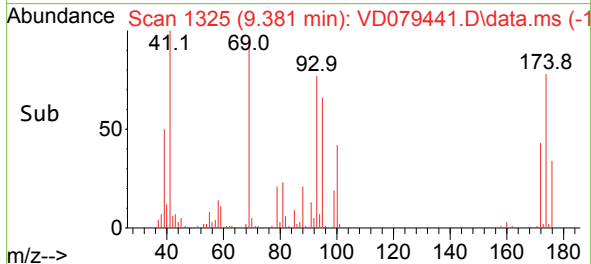
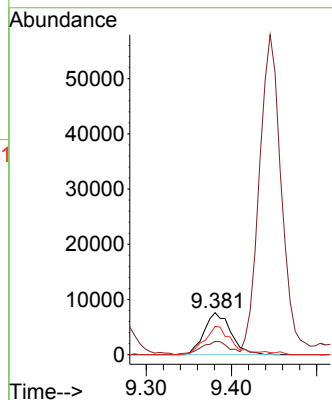
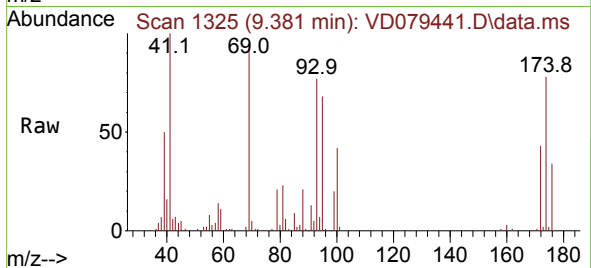
Tgt Ion: 88 Resp: 16512

Ion Ratio Lower Upper

88 100

43 32.8 21.5 32.3#

58 67.0 42.2 63.4#



#50

Toluene-d8

Concen: 52.117 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079441.D

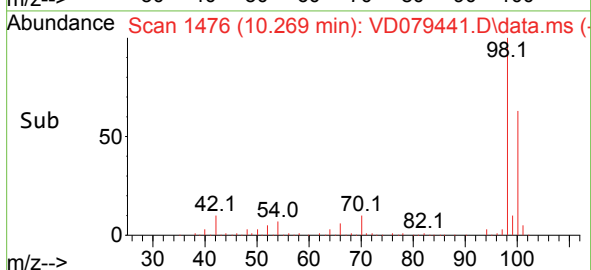
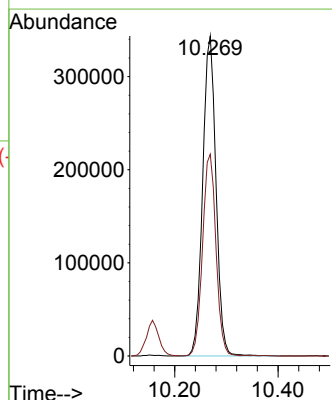
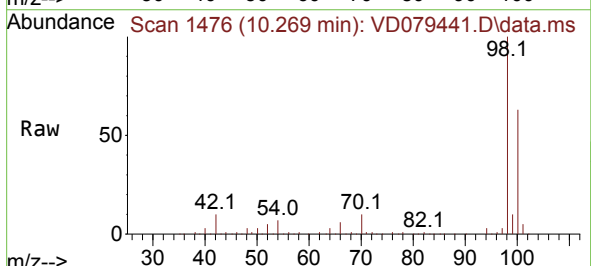
Acq: 29 Jul 2024 17:39

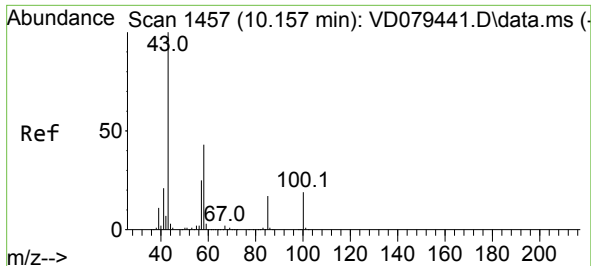
Tgt Ion: 98 Resp: 612167

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4

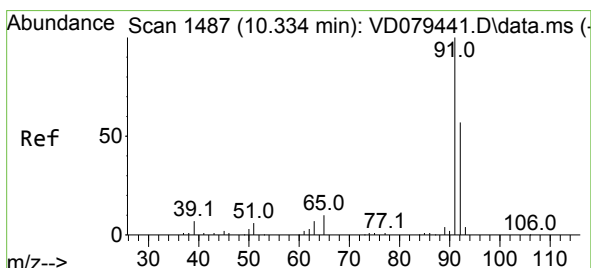
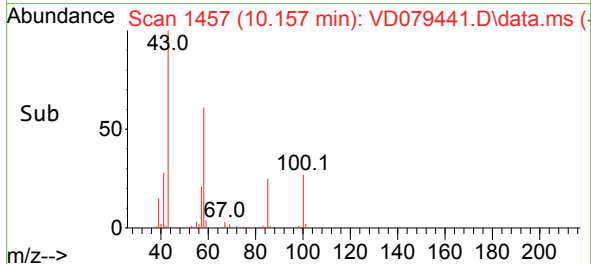
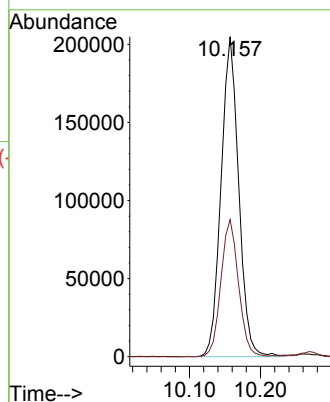
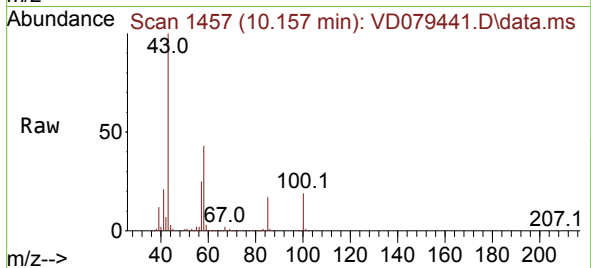




#51
4-Methyl-2-Pentanone
Concen: 216.899 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

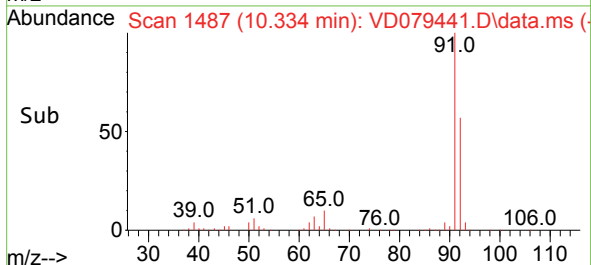
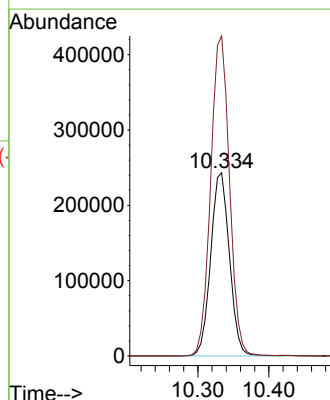
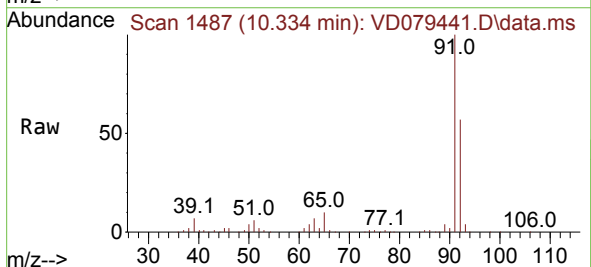
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

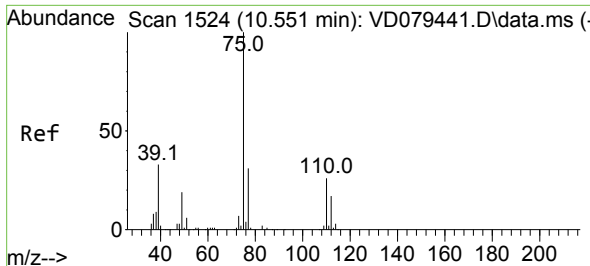
Tgt Ion: 43 Resp: 352279
Ion Ratio Lower Upper
43 100
58 42.7 36.6 55.0



#52
Toluene
Concen: 54.784 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 92 Resp: 444276
Ion Ratio Lower Upper
92 100
91 175.7 141.7 212.5

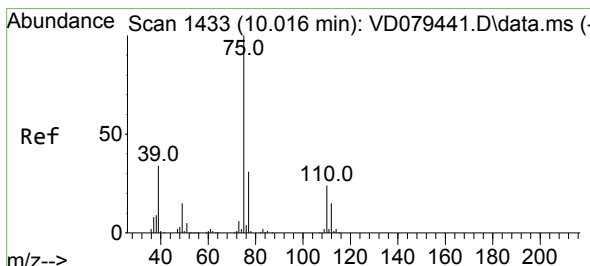
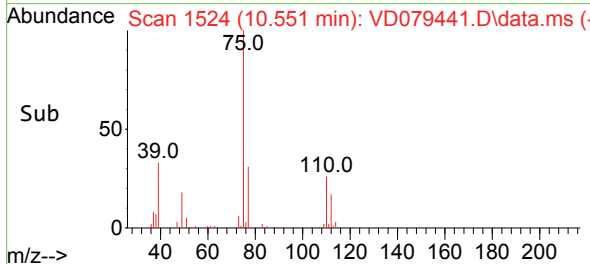
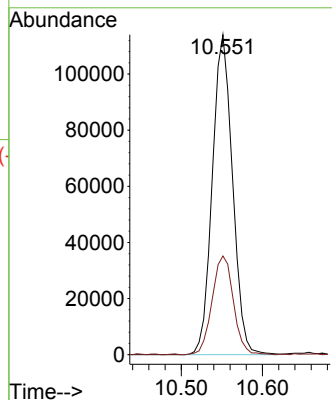
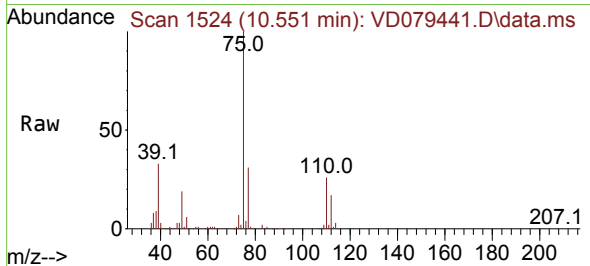




#53
 t-1,3-Dichloropropene
 Concen: 49.226 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

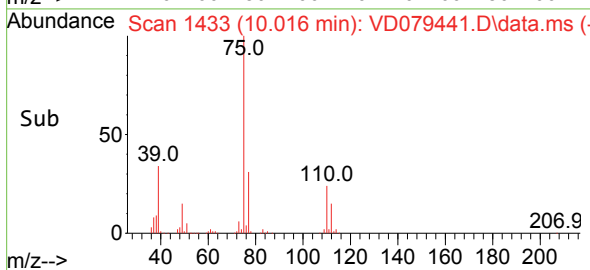
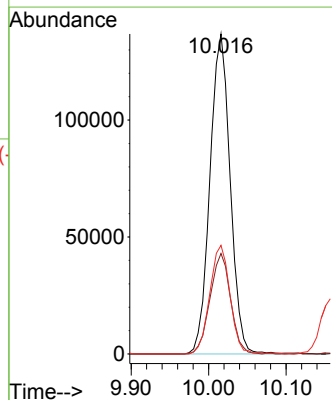
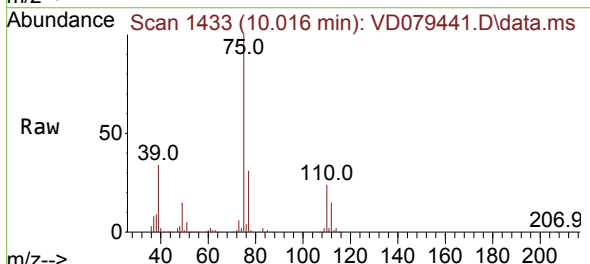
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

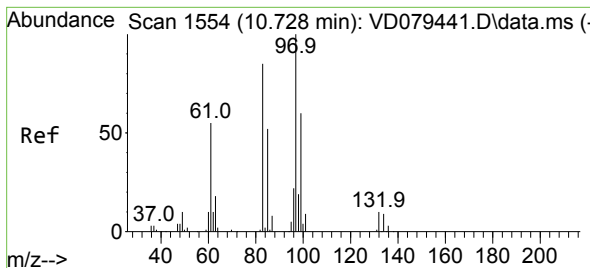
Tgt Ion: 75 Resp: 197463
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.423 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

Tgt Ion: 75 Resp: 248118
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.4 36.6
 39 34.0 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 47.679 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 111109

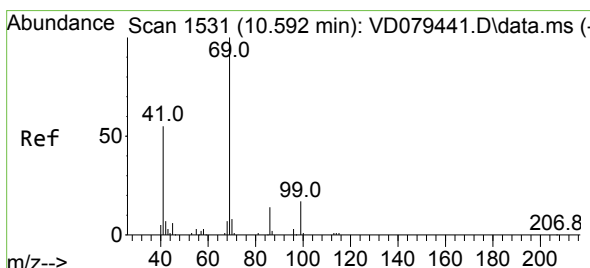
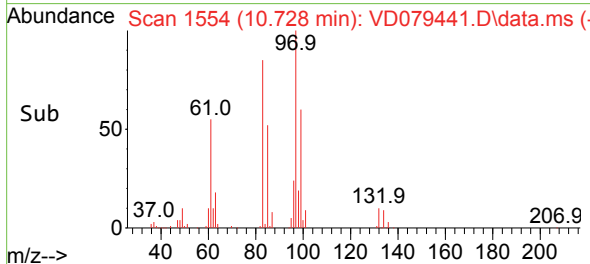
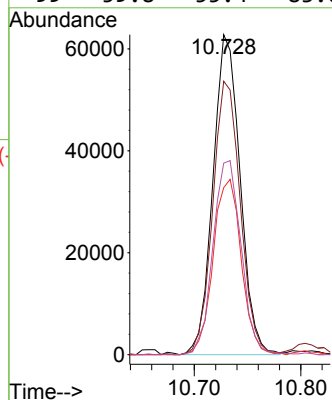
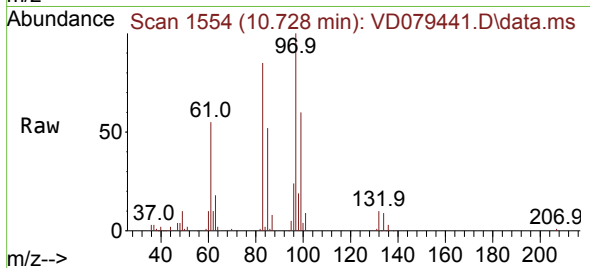
Ion Ratio Lower Upper

97 100

83 85.4 65.8 98.8

85 52.2 43.8 65.8

99 59.8 55.4 83.0



#56

Ethyl methacrylate

Concen: 47.498 ug/l

RT: 10.592 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

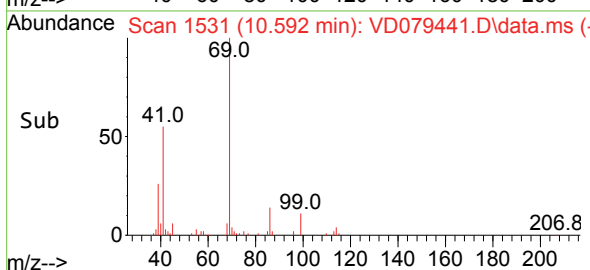
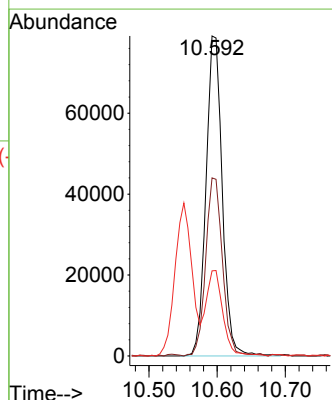
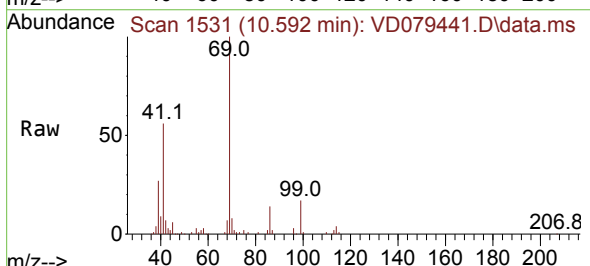
Tgt Ion: 69 Resp: 131150

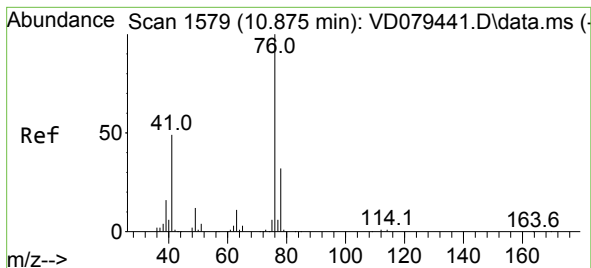
Ion Ratio Lower Upper

69 100

41 57.4 39.8 59.6

39 27.7 20.2 30.4





#57

1,3-Dichloropropane

Concen: 47.895 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

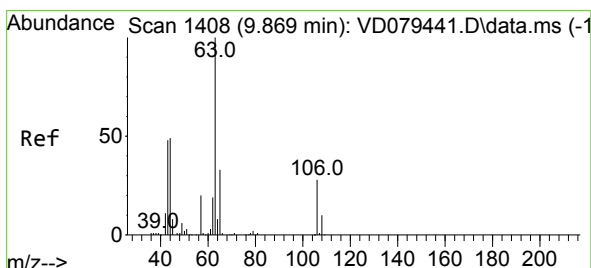
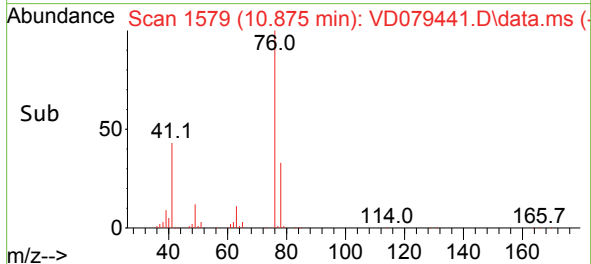
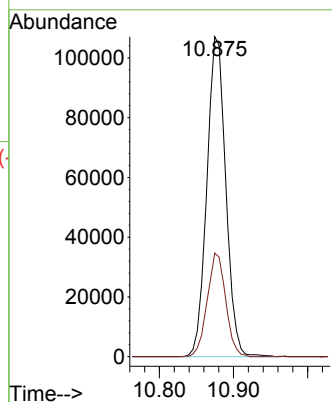
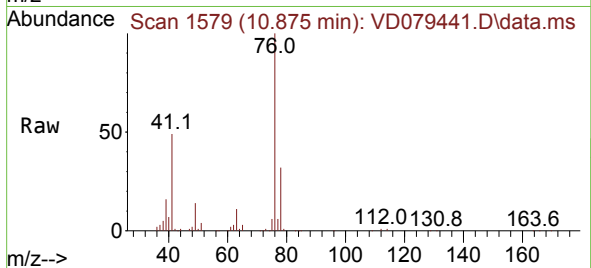
VSTDICCC050

Tgt Ion: 76 Resp: 189659

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 232.372 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079441.D

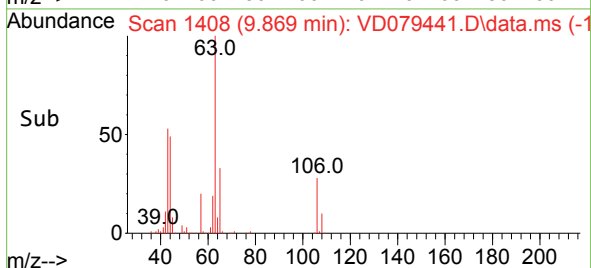
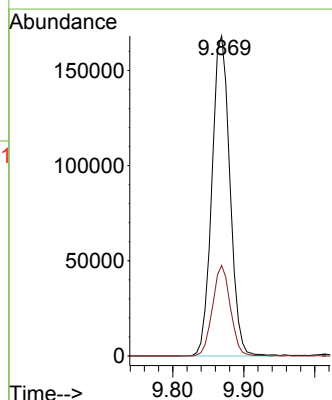
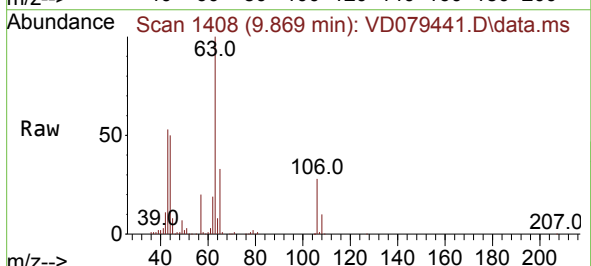
Acq: 29 Jul 2024 17:39

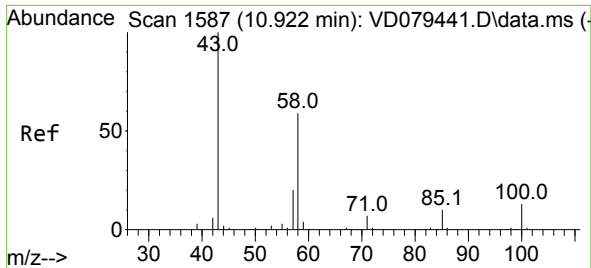
Tgt Ion: 63 Resp: 295896

Ion Ratio Lower Upper

63 100

106 28.0 26.4 39.6

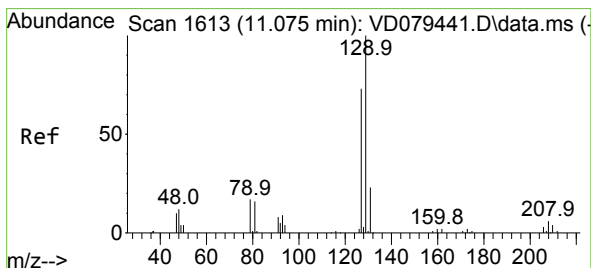
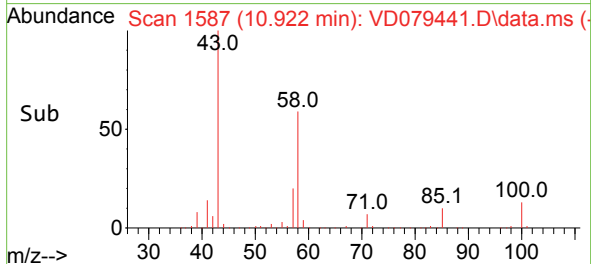
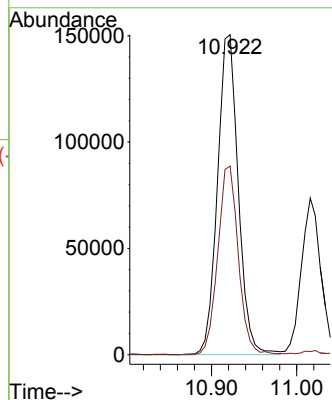
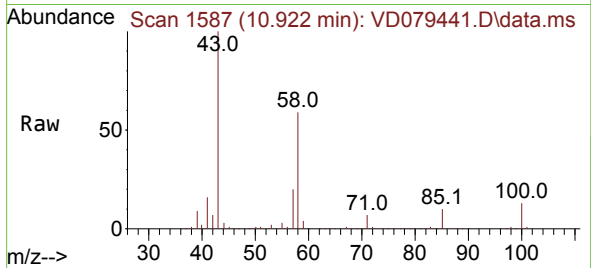




#59
2-Hexanone
Concen: 225.490 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

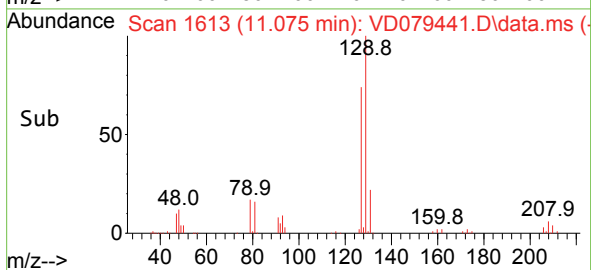
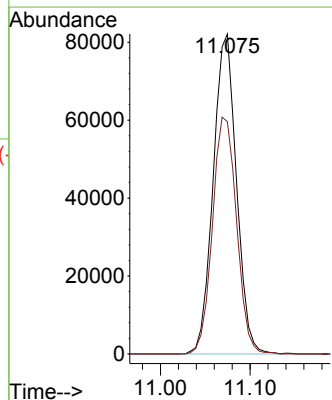
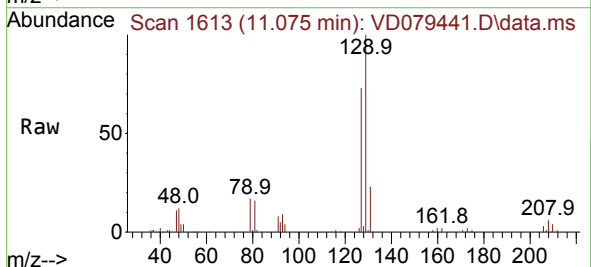
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

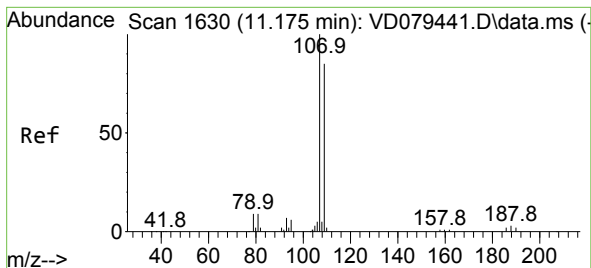
Tgt Ion: 43 Resp: 255419
Ion Ratio Lower Upper
43 100
58 58.3 31.1 93.5



#60
Dibromochloromethane
Concen: 48.520 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:129 Resp: 147706
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9

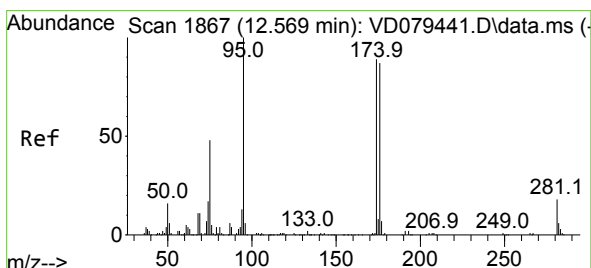
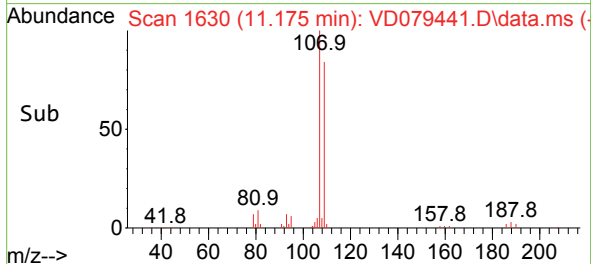
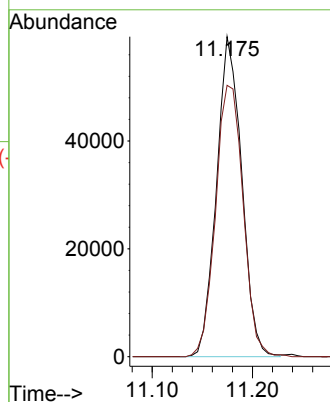
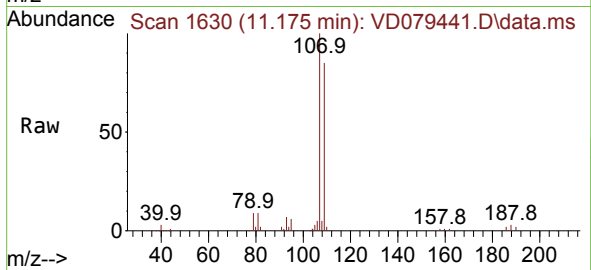




#61
1,2-Dibromoethane
Concen: 47.338 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

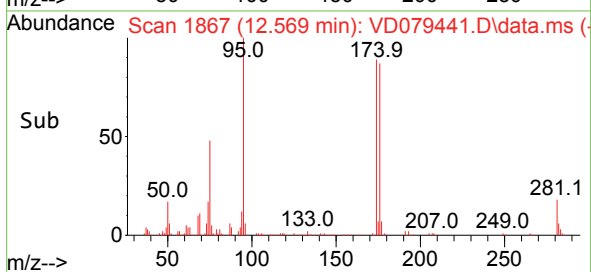
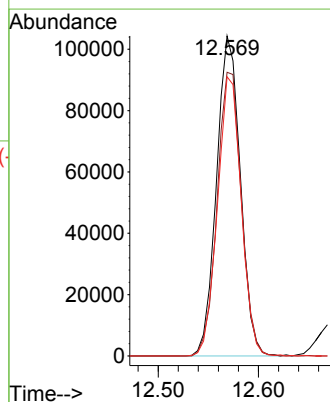
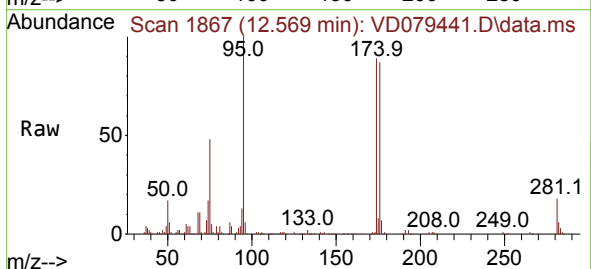
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

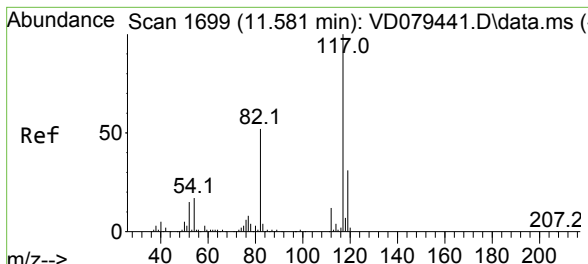
Tgt Ion:107 Resp: 103345
Ion Ratio Lower Upper
107 100
109 92.8 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 50.582 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 95 Resp: 171933
Ion Ratio Lower Upper
95 100
174 90.2 0.0 195.4
176 87.0 0.0 192.6

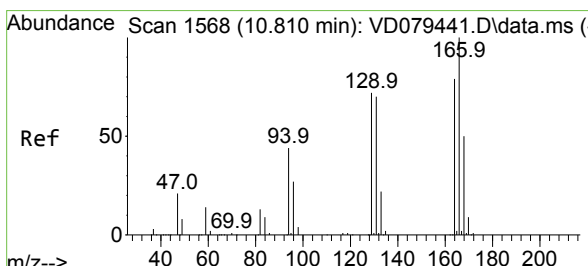
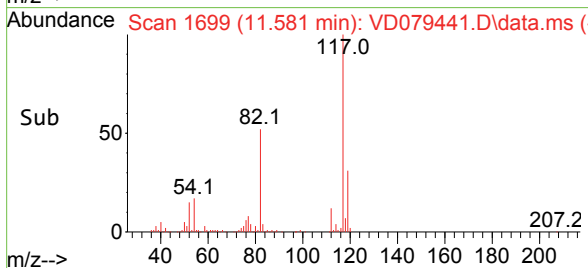
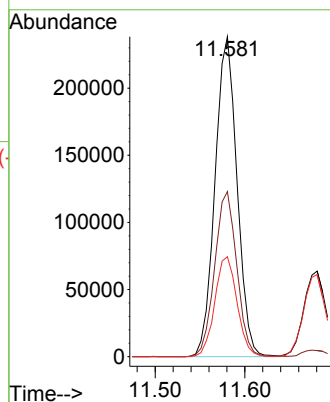
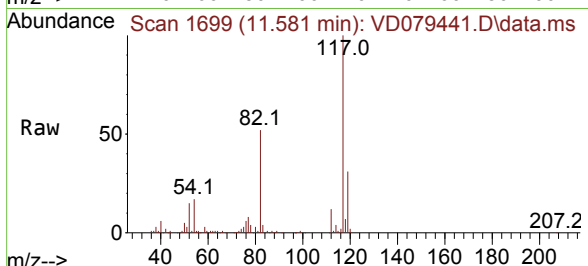




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

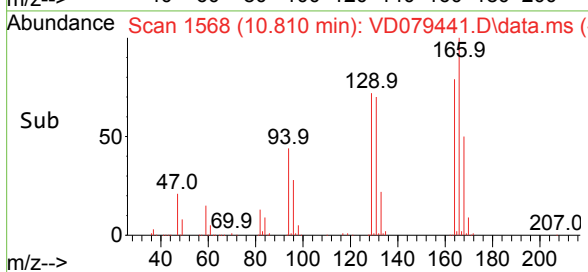
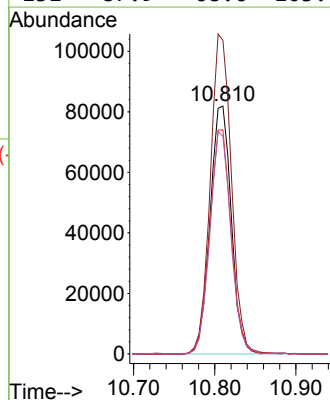
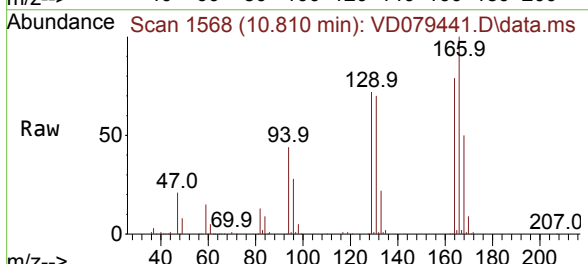
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

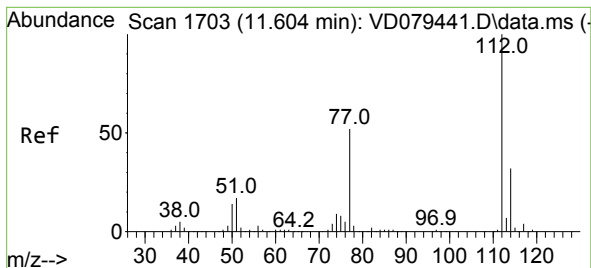
Tgt Ion:	117	Resp:	405775
Ion Ratio	Lower	Upper	
117	100		
82	51.6	39.8	59.6
119	31.3	25.7	38.5



#64
Tetrachloroethene
Concen: 54.432 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:	164	Resp:	148935
Ion Ratio	Lower	Upper	
164	100		
166	126.5	108.6	163.0
129	90.5	74.6	112.0
131	87.9	68.6	103.0

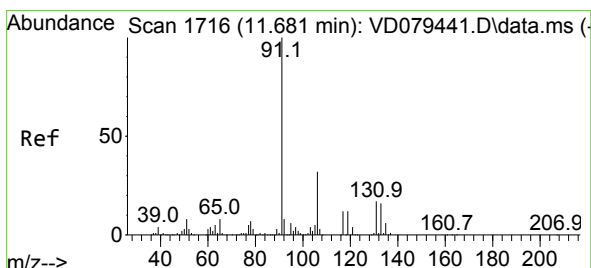
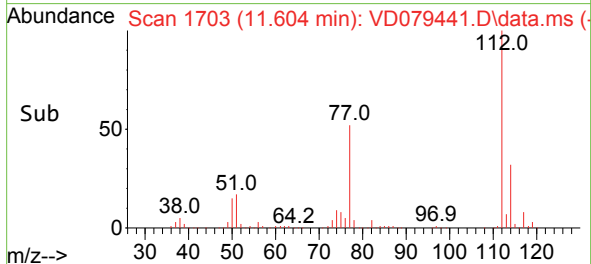
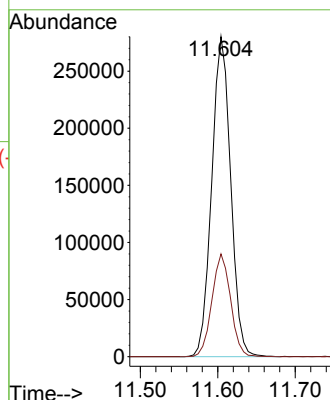
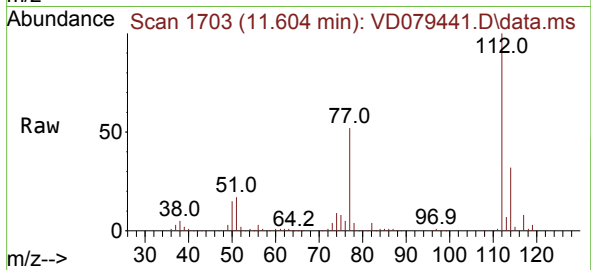




#65
Chlorobenzene
Concen: 53.189 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

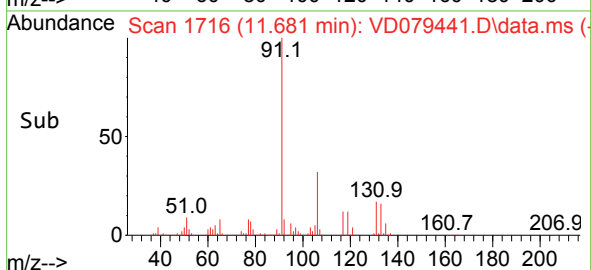
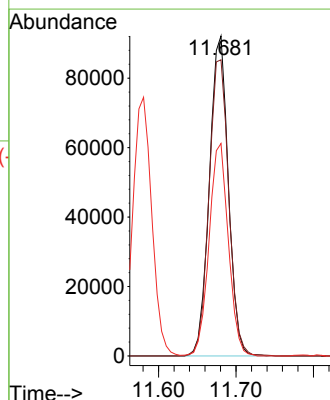
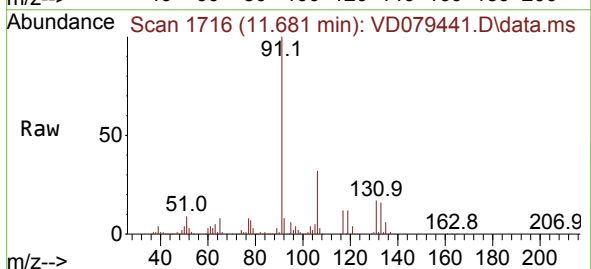
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

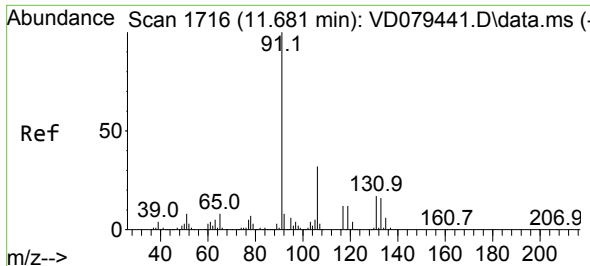
Tgt Ion:112 Resp: 477921
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.996 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:131 Resp: 156673
Ion Ratio Lower Upper
131 100
133 96.7 49.2 147.6
119 67.8 33.4 100.2

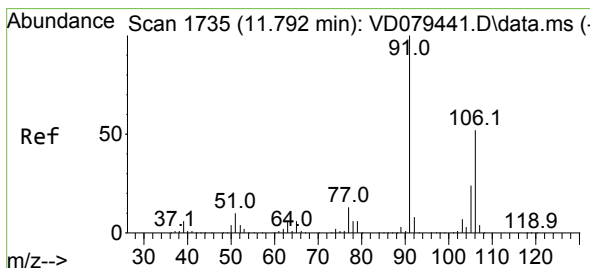
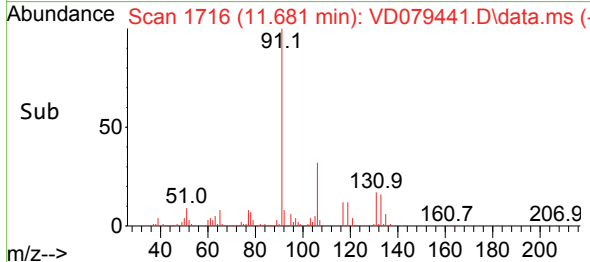
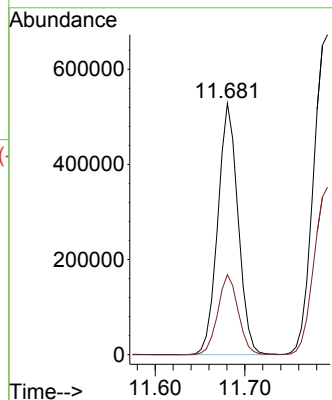
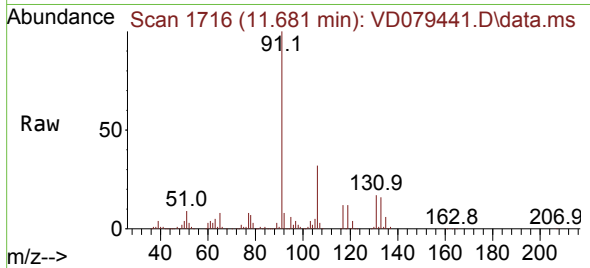




#67
Ethyl Benzene
Concen: 56.272 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

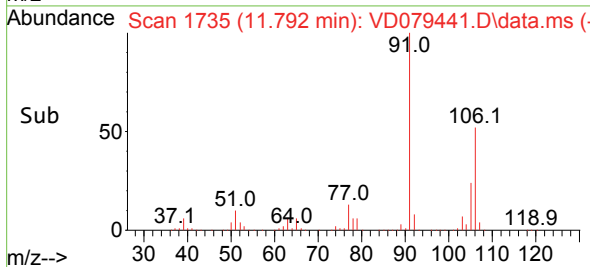
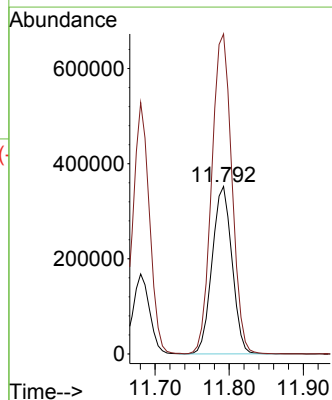
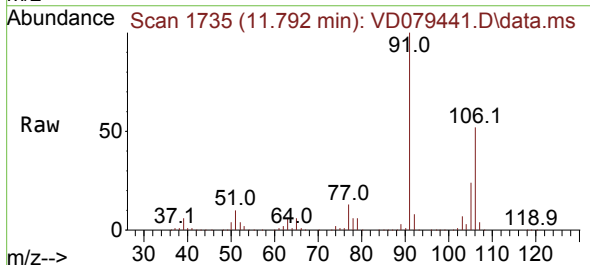
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

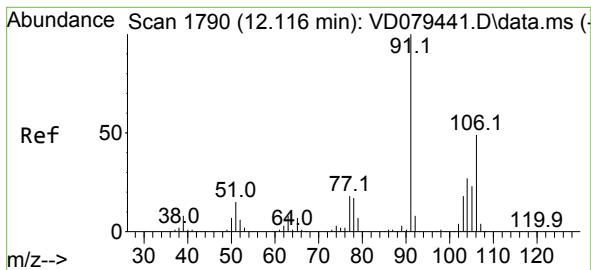
Tgt Ion: 91 Resp: 827745
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 112.000 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 106 Resp: 653616
Ion Ratio Lower Upper
106 100
91 194.2 148.5 222.7





#69

o-Xylene

Concen: 56.331 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

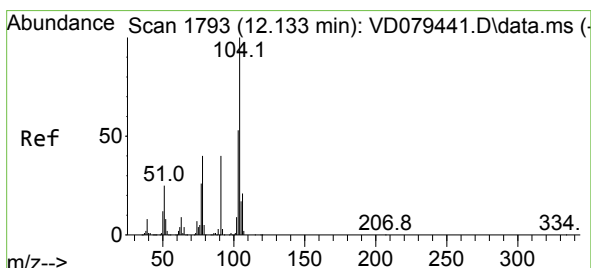
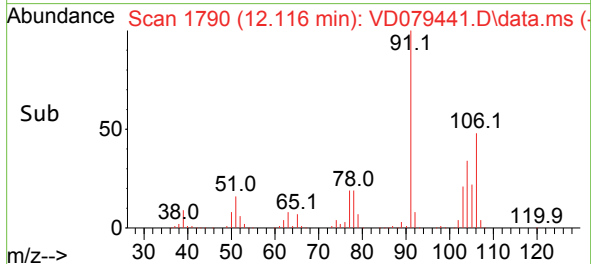
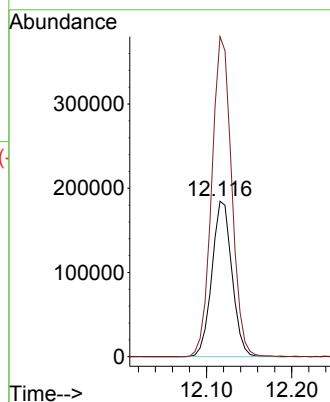
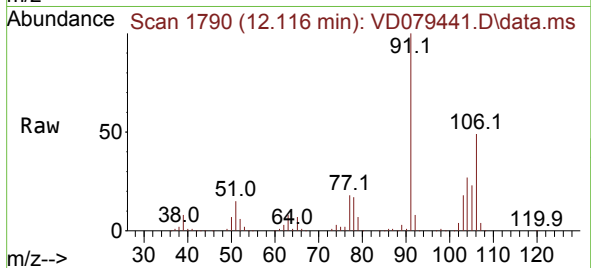
VSTDICCC050

Tgt Ion:106 Resp: 301323

Ion Ratio Lower Upper

106 100

91 205.2 96.7 290.1



#70

Styrene

Concen: 56.130 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

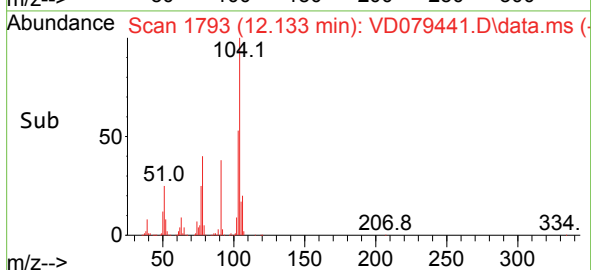
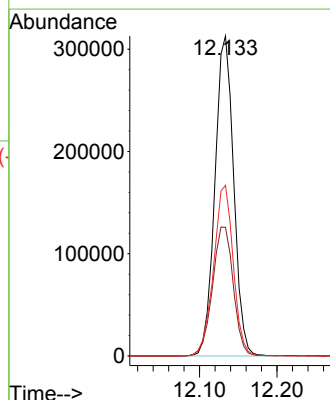
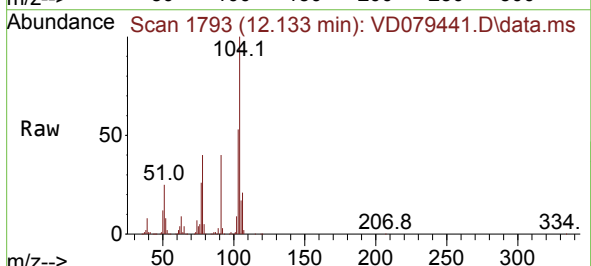
Tgt Ion:104 Resp: 526389

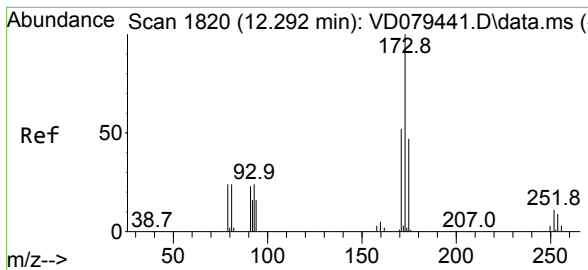
Ion Ratio Lower Upper

104 100

78 44.8 33.0 49.6

103 55.9 44.2 66.4

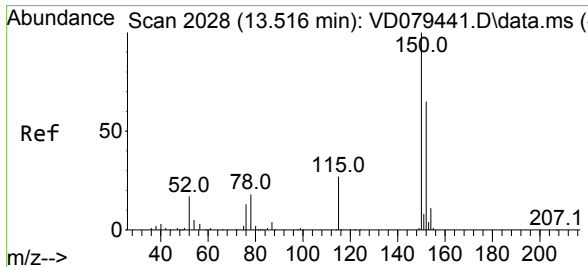
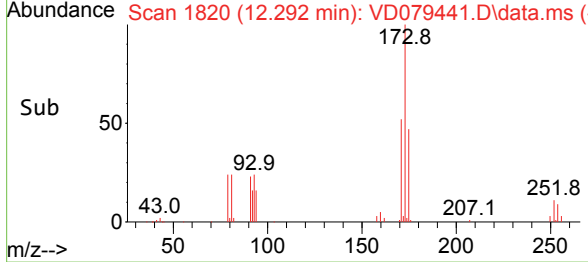
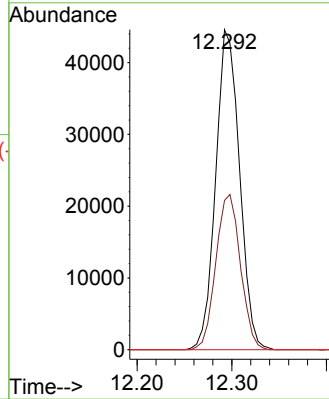
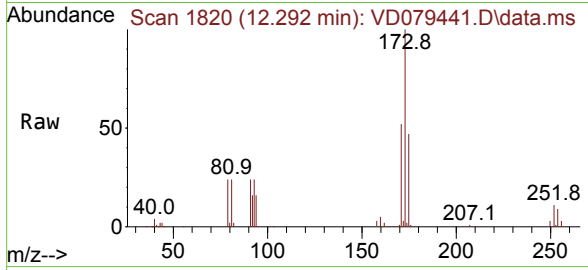




#71
Bromoform
Concen: 46.707 ug/l
RT: 12.292 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

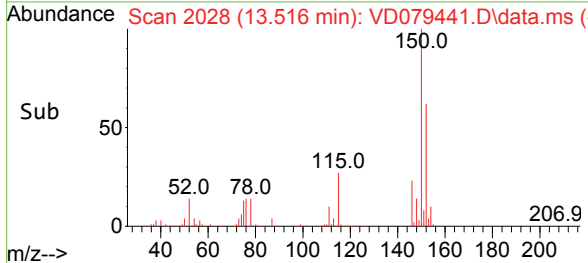
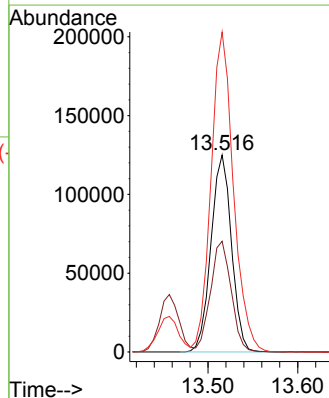
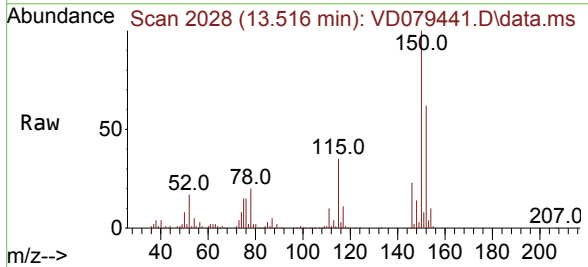
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

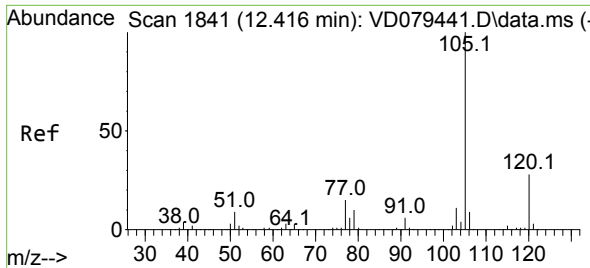
Tgt Ion:173 Resp: 78059
Ion Ratio Lower Upper
173 100
175 50.0 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:152 Resp: 198463
Ion Ratio Lower Upper
152 100
115 56.5 26.5 79.5
150 177.5 0.0 341.6

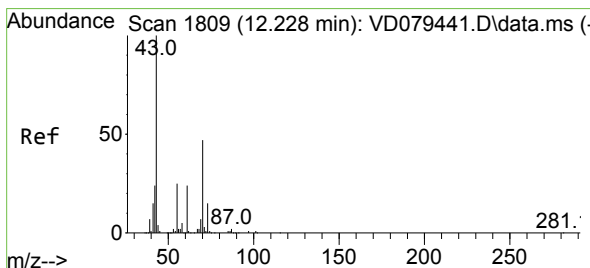
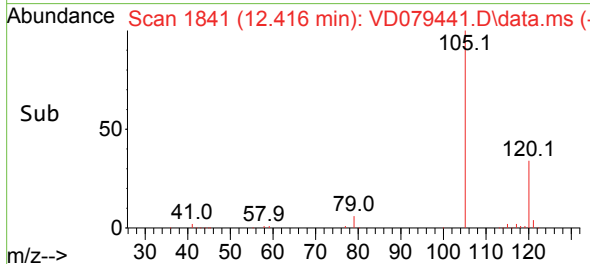
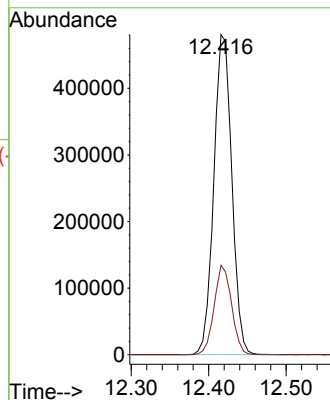
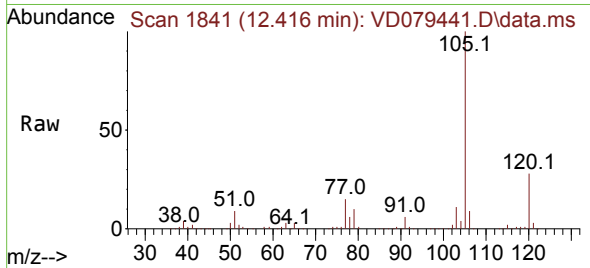




#73
Isopropylbenzene
Concen: 52.054 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

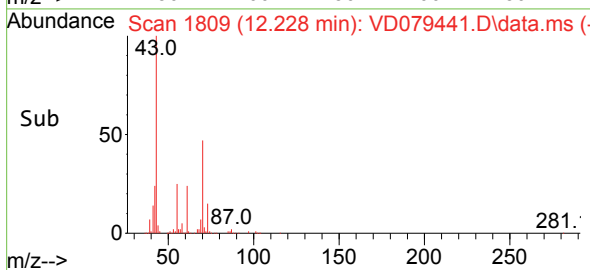
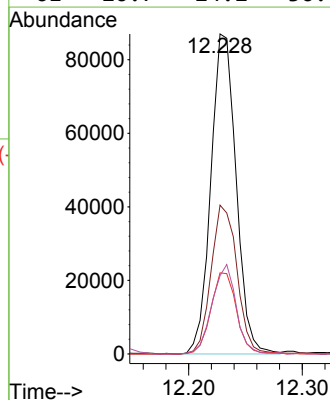
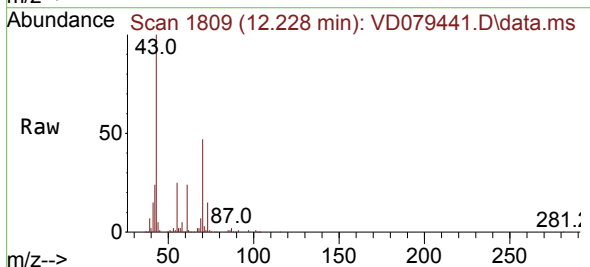
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

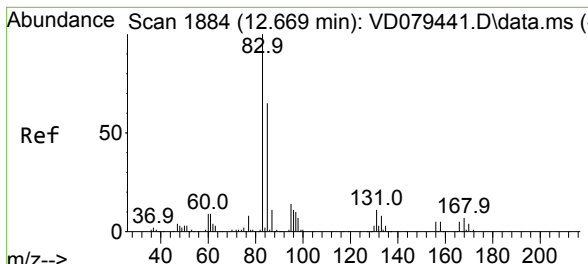
Tgt Ion:105 Resp: 776127
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#74
N-ethyl acetate
Concen: 46.157 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 43 Resp: 134734
Ion Ratio Lower Upper
43 100
70 47.7 44.3 66.5
55 25.7 23.2 34.8
61 26.7 24.2 36.4

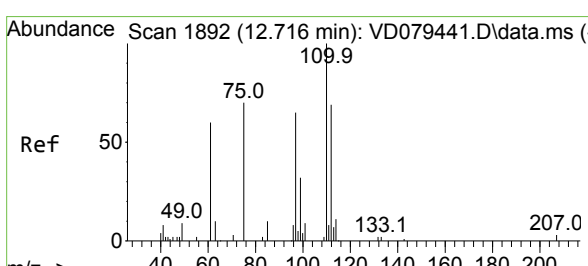
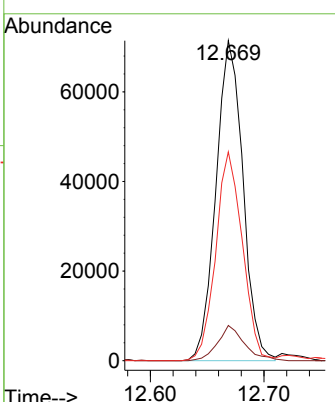
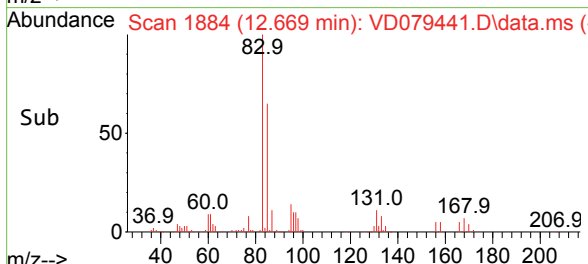
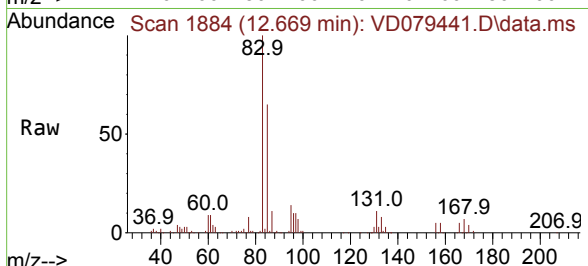




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.841 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

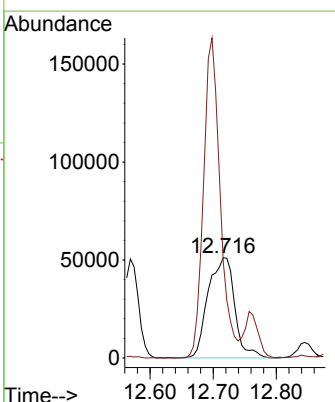
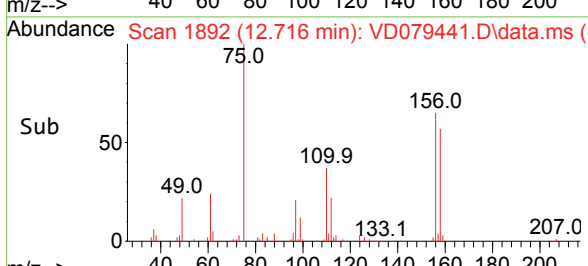
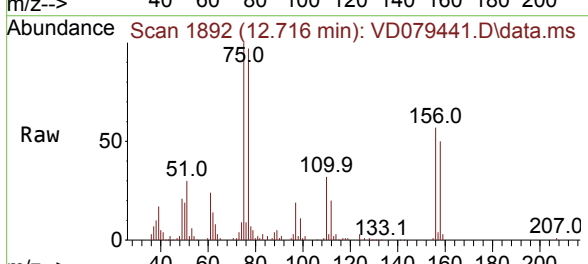
Instrument : MSVOA_D
 ClientSampleId : VSTDICCC050

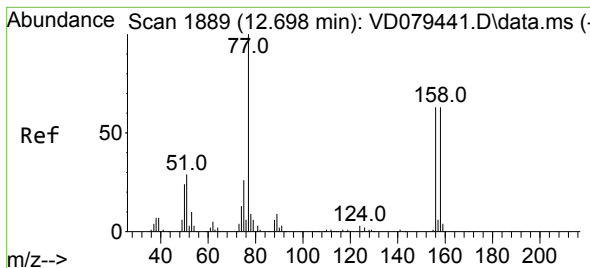
Tgt Ion:	83	Resp:	118189
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	64.3	33.8	101.3



#76
 1,2,3-Trichloropropane
 Concen: 85.895 ug/l
 RT: 12.716 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: VD079441.D
 Acq: 29 Jul 2024 17:39

Tgt Ion:	75	Resp:	149557
Ion Ratio	Lower	Upper	
75	100		
77	200.4	0.0	0.0#





#77

Bromobenzene

Concen: 53.216 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

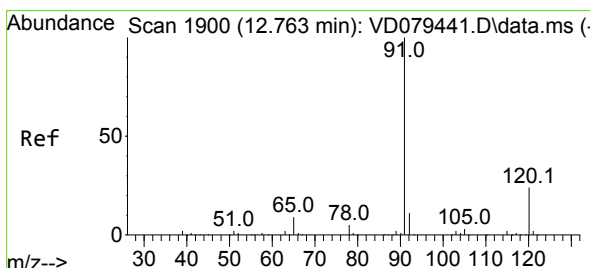
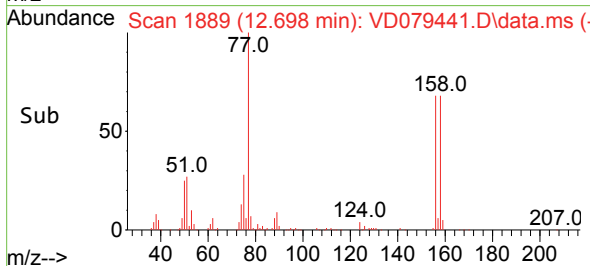
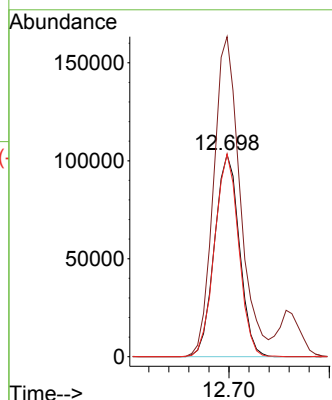
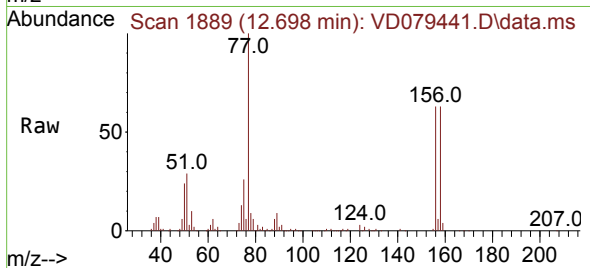
Tgt Ion:156 Resp: 177092

Ion Ratio Lower Upper

156 100

77 169.2 77.3 231.9

158 97.4 49.6 149.0



#78

n-propylbenzene

Concen: 57.479 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD079441.D

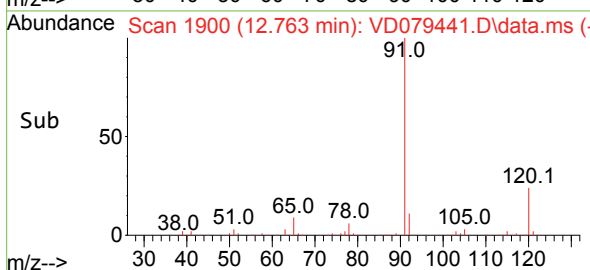
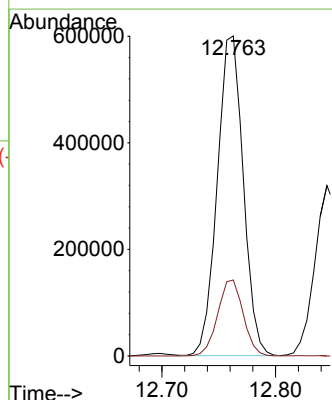
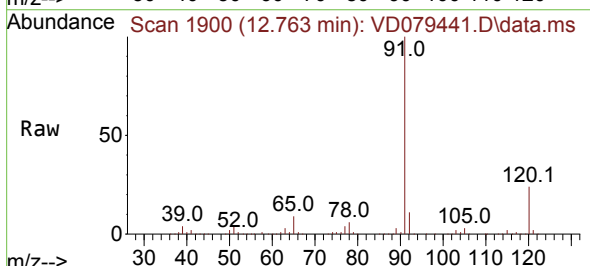
Acq: 29 Jul 2024 17:39

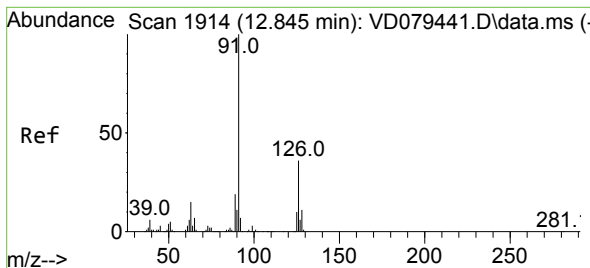
Tgt Ion: 91 Resp: 953553

Ion Ratio Lower Upper

91 100

120 23.3 12.3 36.8

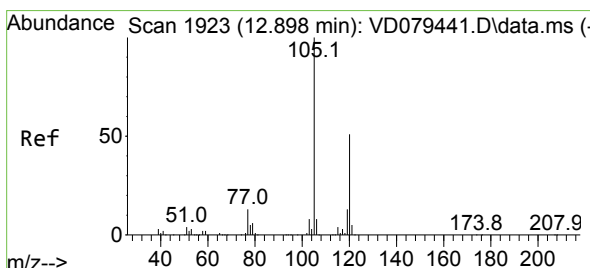
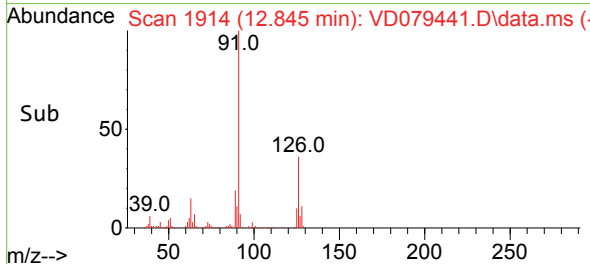
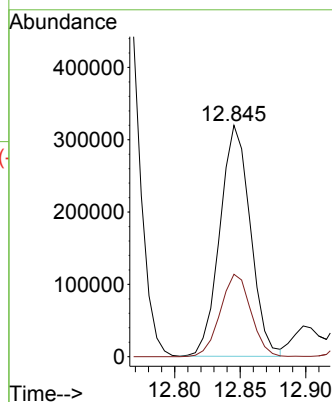
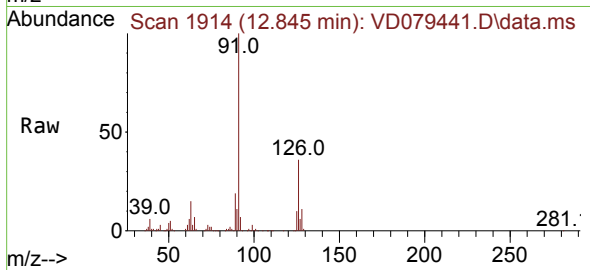




#79
2-Chlorotoluene
Concen: 56.091 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

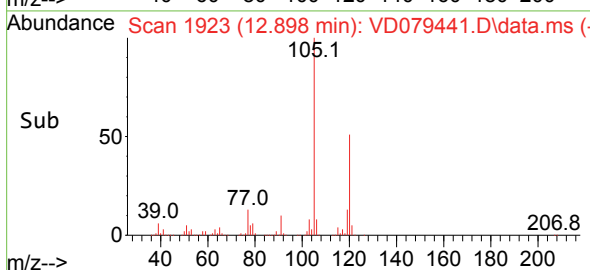
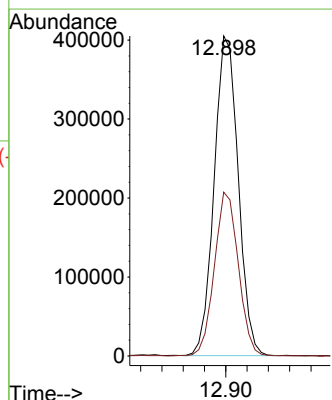
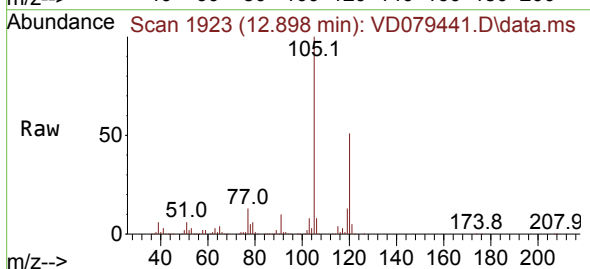
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

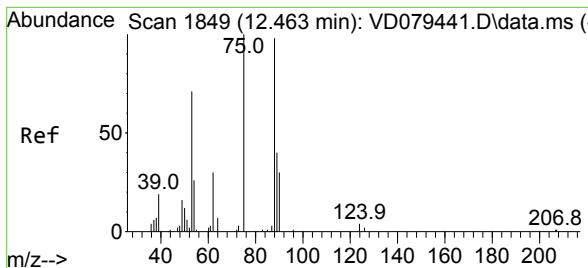
Tgt Ion: 91 Resp: 518134
Ion Ratio Lower Upper
91 100
126 35.8 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 57.426 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 105 Resp: 634860
Ion Ratio Lower Upper
105 100
120 51.1 25.7 77.1

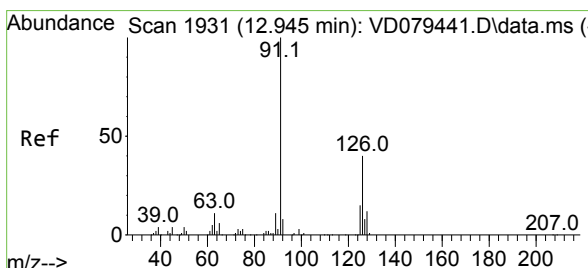
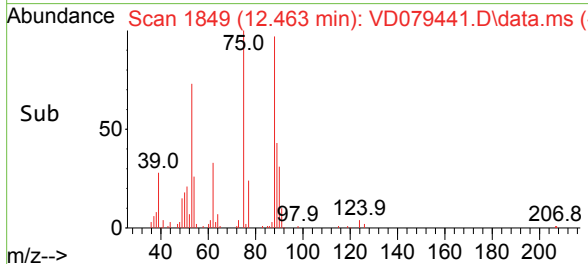
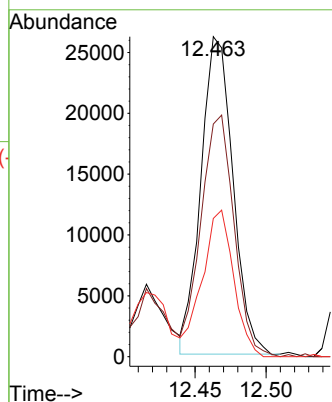
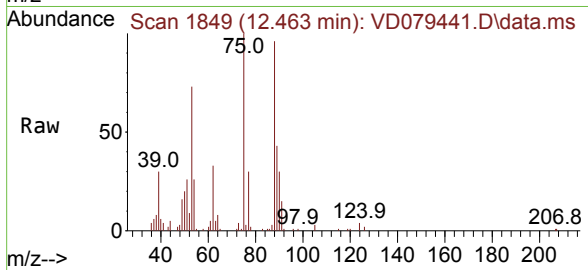




#81
trans-1,4-Dichloro-2-butene
Concen: 45.069 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

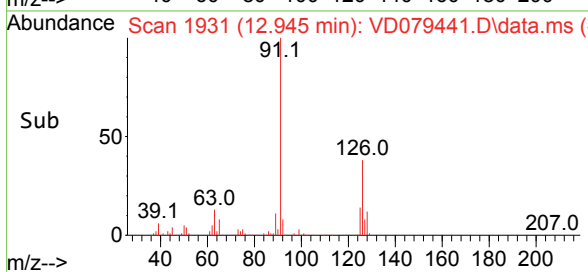
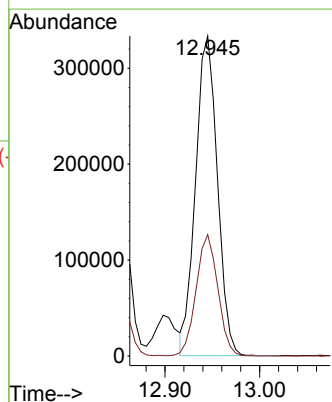
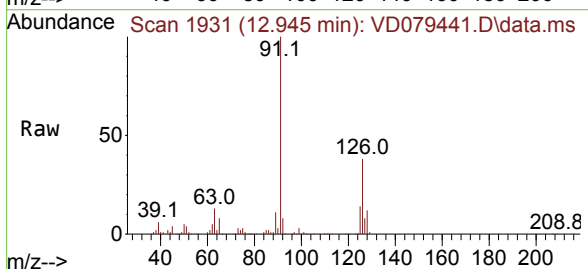
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

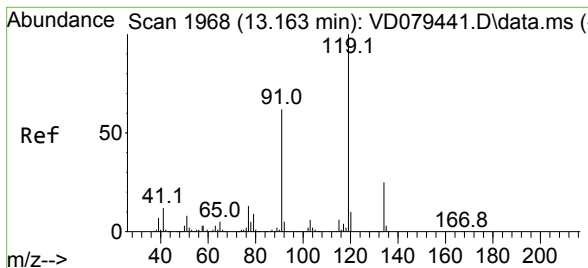
Tgt Ion: 75 Resp: 40993
Ion Ratio Lower Upper
75 100
53 78.6 61.4 92.2
89 45.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 55.379 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 91 Resp: 533287
Ion Ratio Lower Upper
91 100
126 37.9 18.9 56.9

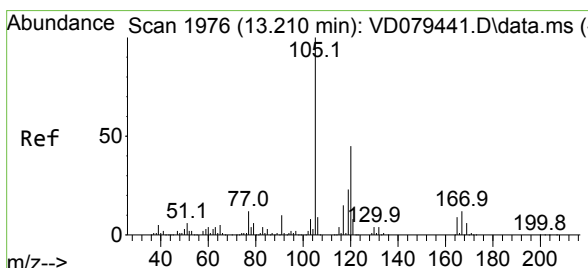
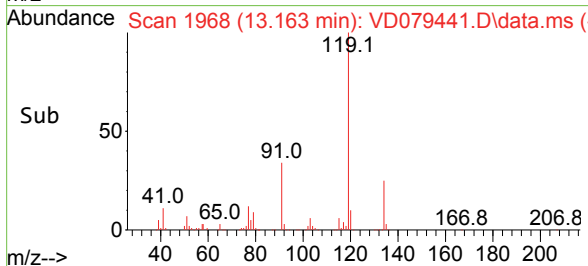
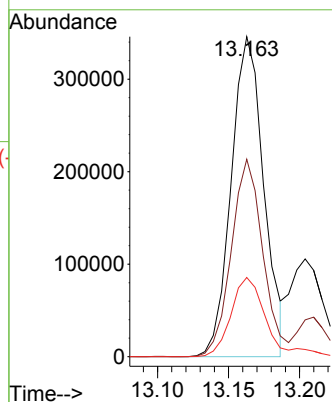
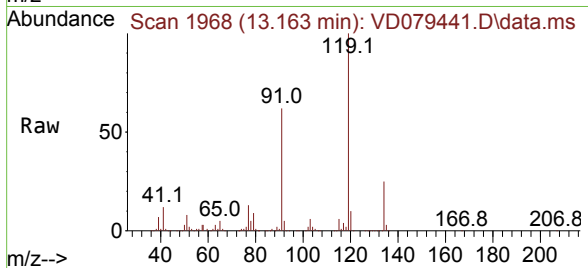




#83
tert-Butylbenzene
Concen: 51.410 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

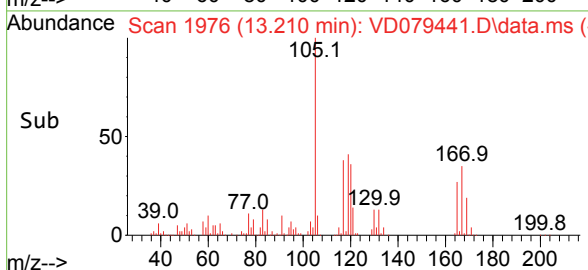
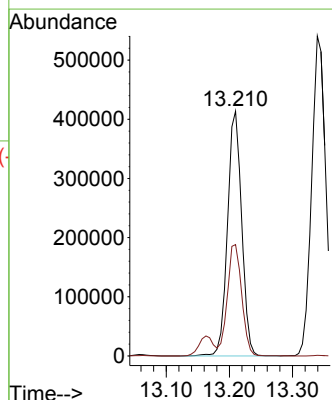
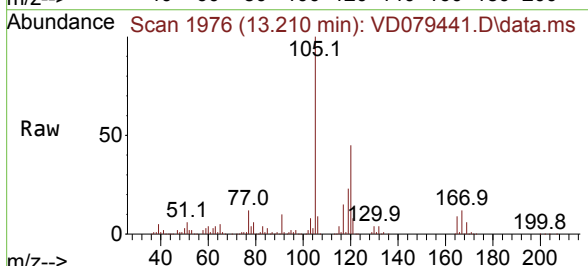
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

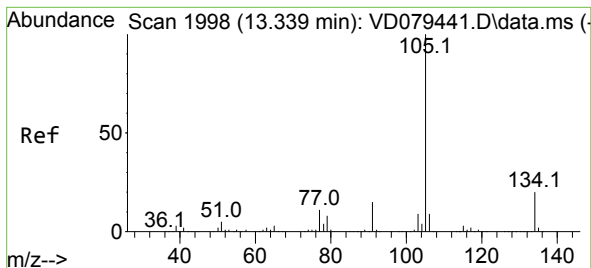
Tgt Ion:119 Resp: 551712
Ion Ratio Lower Upper
119 100
91 59.9 28.2 84.7
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 51.634 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:105 Resp: 643719
Ion Ratio Lower Upper
105 100
120 46.1 23.6 71.0





#85

sec-Butylbenzene

Concen: 57.057 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

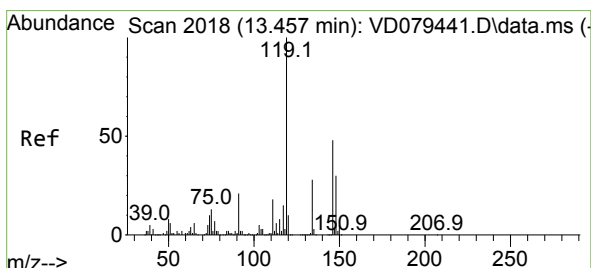
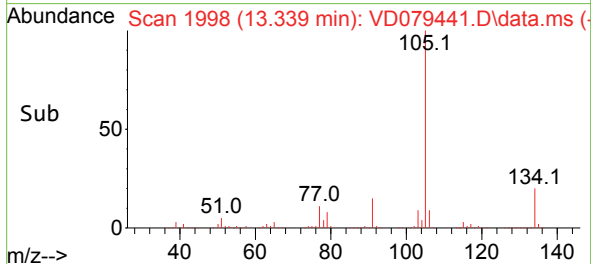
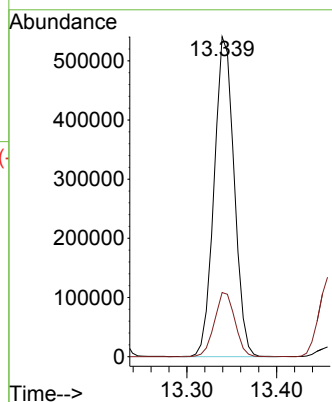
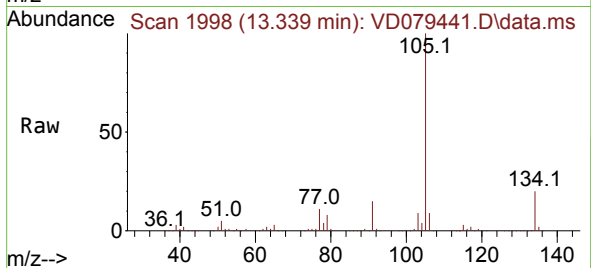
VSTDICCC050

Tgt Ion:105 Resp: 838996

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.045 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

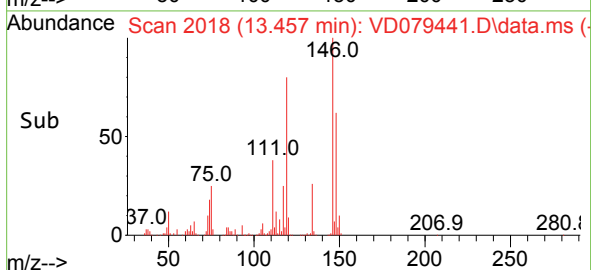
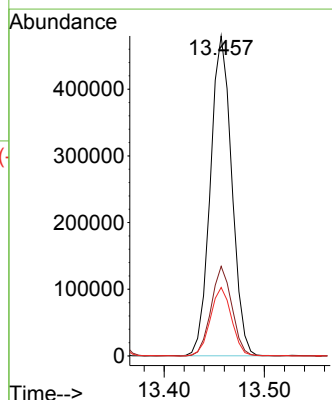
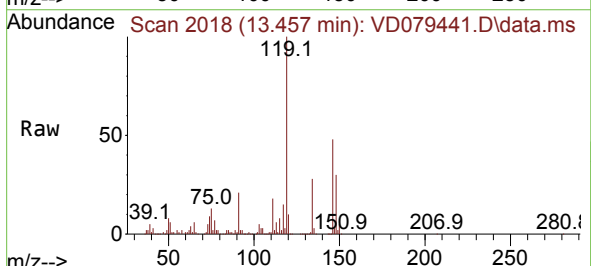
Tgt Ion:119 Resp: 711509

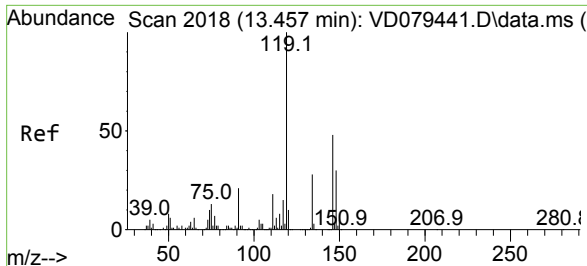
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 21.4 10.7 32.1

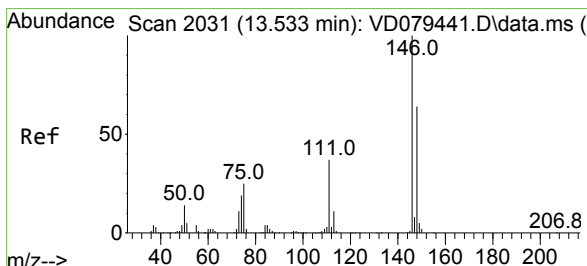
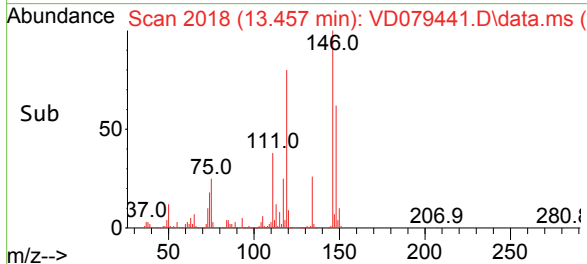
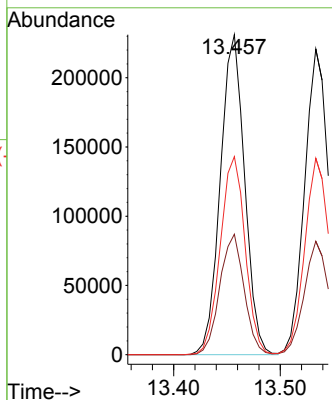
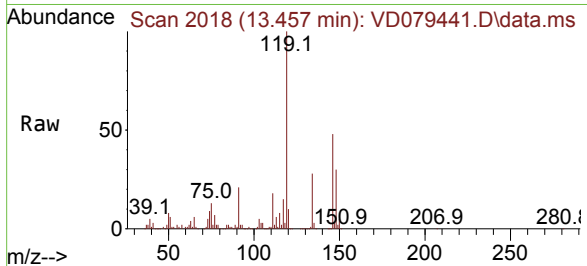




#87
1,3-Dichlorobenzene
Concen: 53.036 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

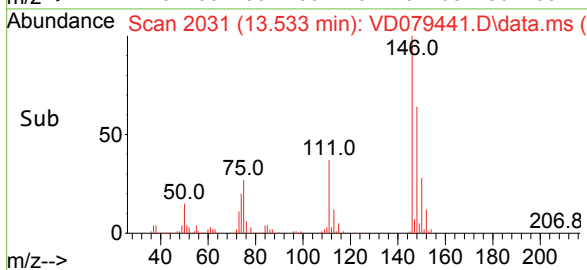
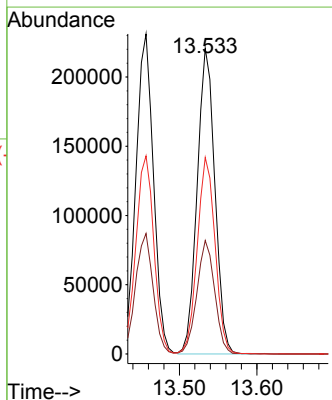
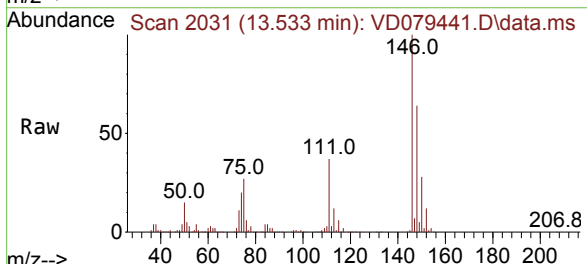
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

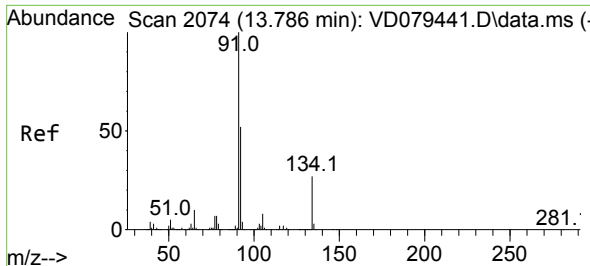
Tgt Ion:146 Resp: 365590
Ion Ratio Lower Upper
146 100
111 37.7 18.5 55.5
148 63.4 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 51.736 ug/l
RT: 13.533 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion:146 Resp: 350617
Ion Ratio Lower Upper
146 100
111 37.4 17.5 52.6
148 64.8 31.4 94.2

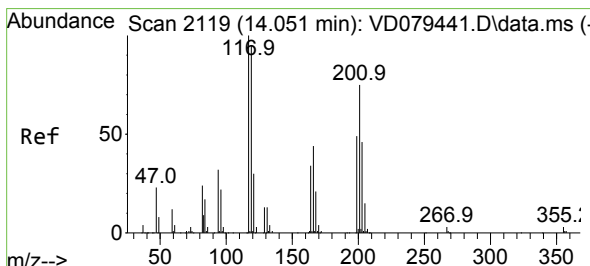
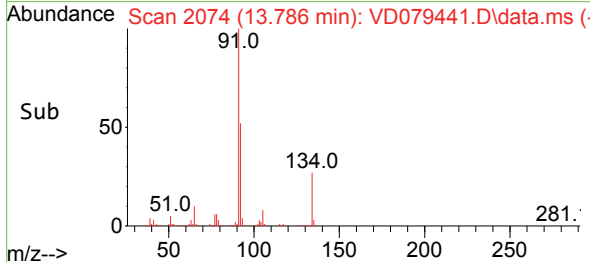
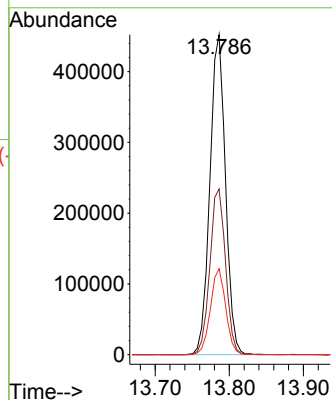
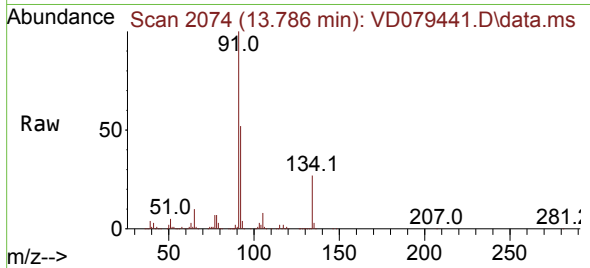




#89
n-Butylbenzene
Concen: 51.249 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

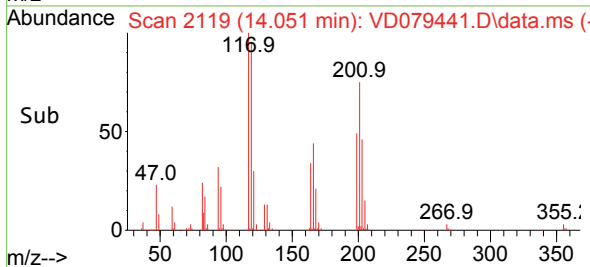
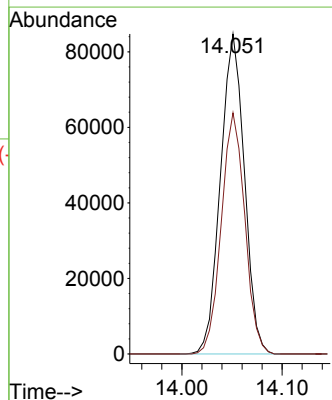
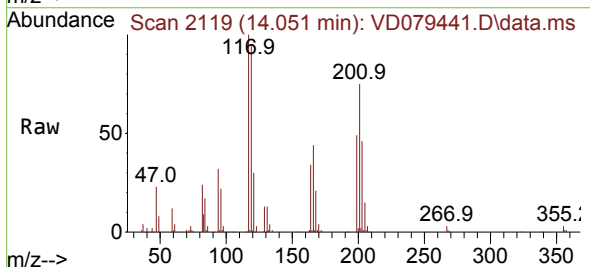
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

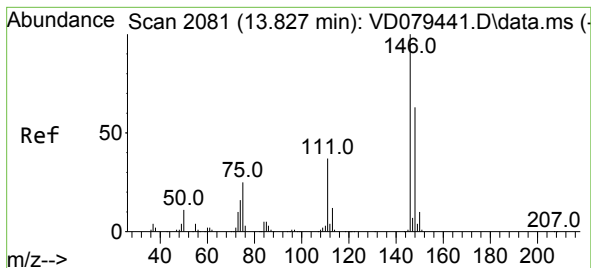
Tgt Ion: 91 Resp: 659797
Ion Ratio Lower Upper
91 100
92 52.2 25.7 77.0
134 26.5 13.6 40.8



#90
Hexachloroethane
Concen: 54.593 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079441.D
Acq: 29 Jul 2024 17:39

Tgt Ion: 117 Resp: 140408
Ion Ratio Lower Upper
117 100
201 73.9 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 52.034 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

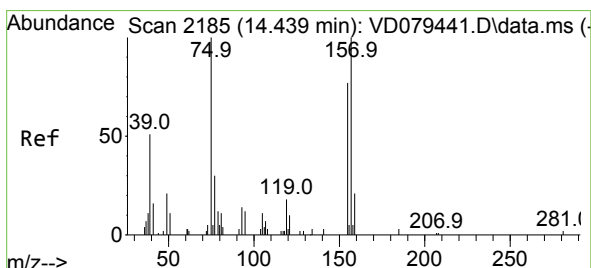
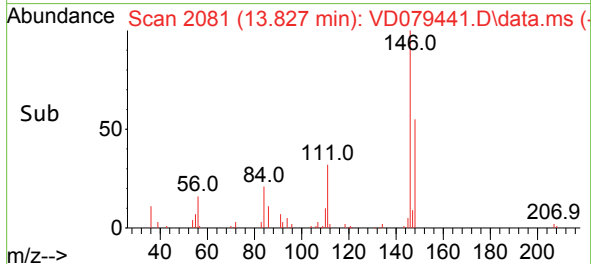
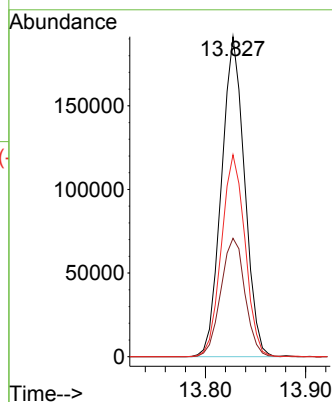
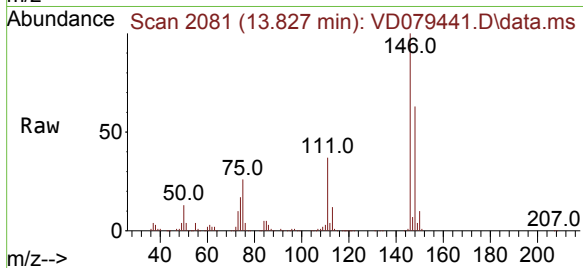
Tgt Ion:146 Resp: 306545

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

148 64.4 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.427 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

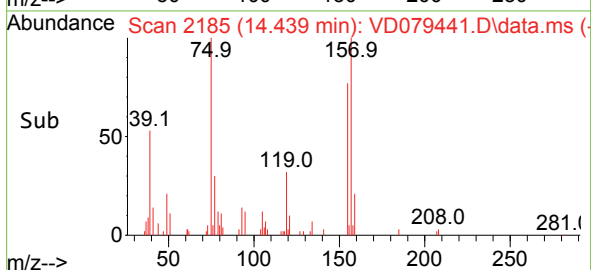
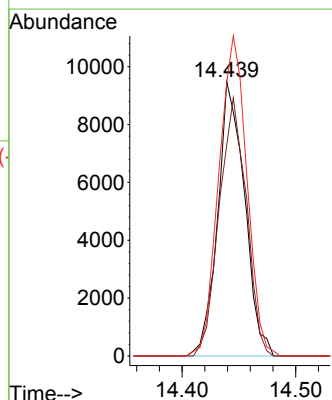
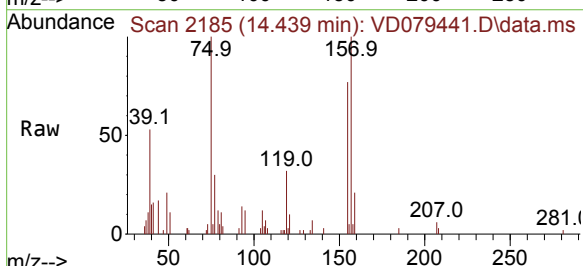
Tgt Ion: 75 Resp: 15584

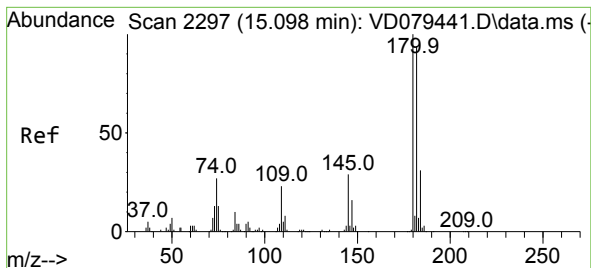
Ion Ratio Lower Upper

75 100

155 95.1 47.7 143.1

157 121.5 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 50.383 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

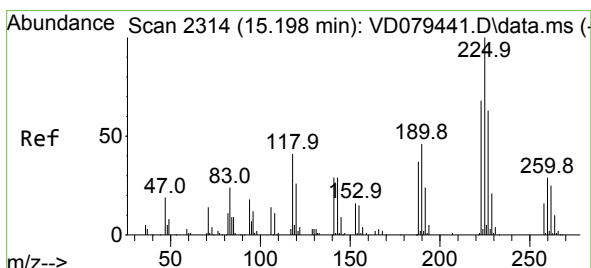
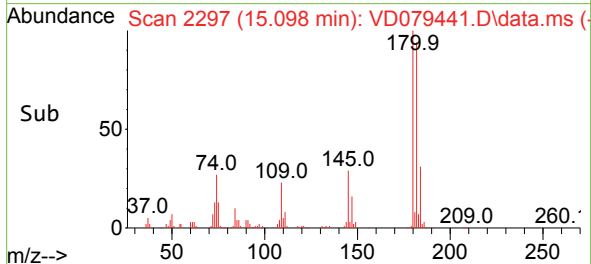
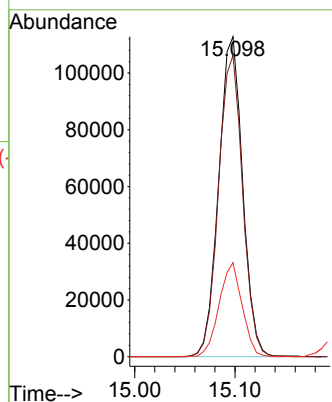
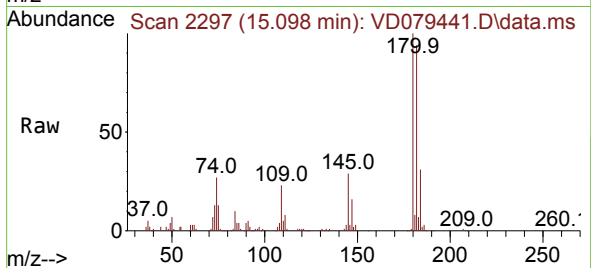
Tgt Ion:180 Resp: 187011

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.7

145 28.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 54.041 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

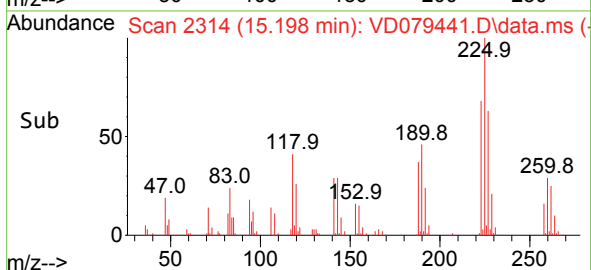
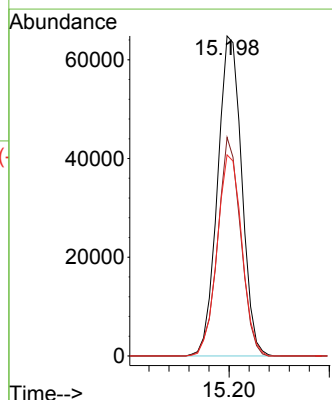
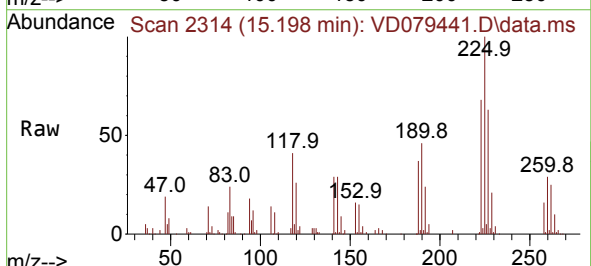
Tgt Ion:225 Resp: 108263

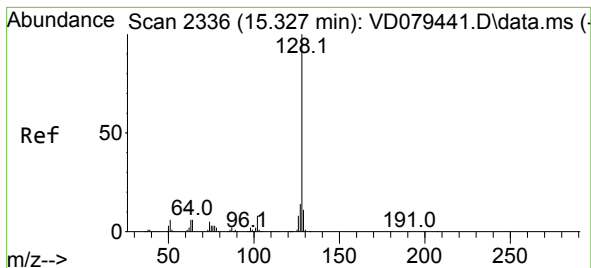
Ion Ratio Lower Upper

225 100

223 65.1 33.3 99.9

227 64.3 33.6 100.6





#95

Naphthalene

Concen: 47.687 ug/l

RT: 15.327 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

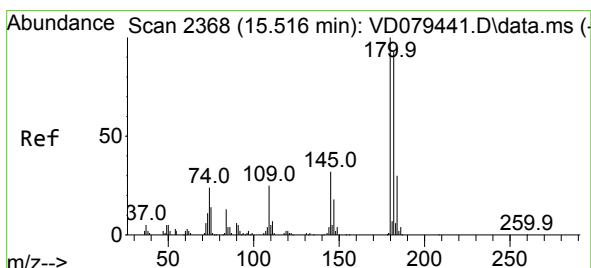
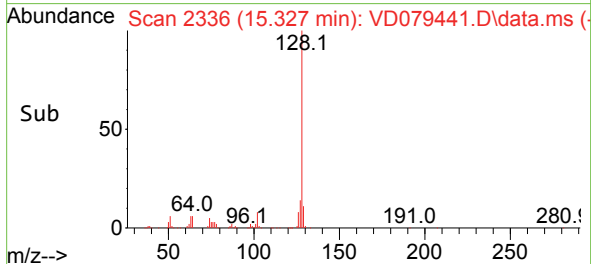
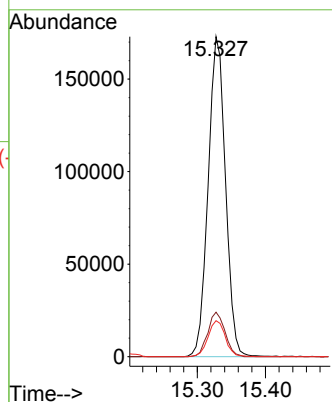
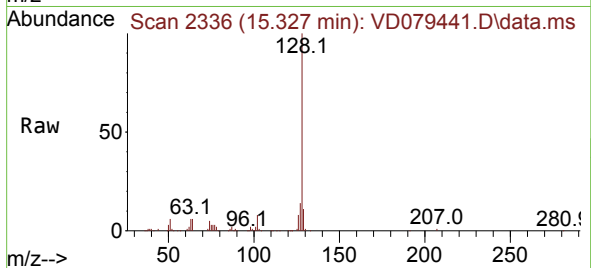
Tgt Ion:128 Resp: 306363

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 11.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 49.042 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079441.D

Acq: 29 Jul 2024 17:39

Tgt Ion:180 Resp: 160129

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

145 30.7 16.1 48.2

