

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072924\
 Data File : VD079443.D
 Acq On : 29 Jul 2024 18:34
 Operator : RP/MD
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 30 03:06:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 02:34:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	268673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	444237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	416992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	199338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	424360	155.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	310.940%#
35) Dibromofluoromethane	7.805	113	459694	152.885	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	305.760%#
50) Toluene-d8	10.263	98	1900518	162.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	325.520%#
62) 4-Bromofluorobenzene	12.569	95	554563	164.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	328.240%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	328715	156.150	ug/l	100
3) Chloromethane	2.146	50	596169	153.699	ug/l	94
4) Vinyl Chloride	2.276	62	735305	159.436	ug/l	98
5) Bromomethane	2.664	94	530598	189.633	ug/l	98
6) Chloroethane	2.823	64	500404	168.852	ug/l	98
7) Trichlorofluoromethane	3.164	101	704513	153.606	ug/l	97
8) Diethyl Ether	3.587	74	244555	176.515	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	440507	151.856	ug/l	98
10) Methyl Iodide	4.158	142	646839	150.942	ug/l	99
11) Tert butyl alcohol	5.058	59	118984	747.211	ug/l #	82
12) 1,1-Dichloroethene	3.928	96	469604	161.767	ug/l	92
13) Acrolein	3.793	56	190505	748.537	ug/l	99
14) Allyl chloride	4.558	41	670549	174.925	ug/l #	86
15) Acrylonitrile	5.246	53	543376	839.311	ug/l	97
16) Acetone	4.017	43	452792	853.601	ug/l	94
17) Carbon Disulfide	4.264	76	1537620	160.464	ug/l	100
18) Methyl Acetate	4.558	43	264264	160.458	ug/l #	87
19) Methyl tert-butyl Ether	5.317	73	1044143	176.209	ug/l	98
20) Methylene Chloride	4.793	84	575887	150.339	ug/l #	85
21) trans-1,2-Dichloroethene	5.305	96	525876	161.255	ug/l	87
22) Diisopropyl ether	6.216	45	1447540	169.717	ug/l #	92
23) Vinyl Acetate	6.152	43	5684701	886.639	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	914363	159.974	ug/l	96
25) 2-Butanone	7.075	43	652855	868.126	ug/l	94
26) 2,2-Dichloropropane	7.069	77	746182	161.398	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	620495	166.460	ug/l	88
28) Bromochloromethane	7.422	49	378472	151.002	ug/l #	72
29) Tetrahydrofuran	7.440	42	411983	883.982	ug/l #	82
30) Chloroform	7.593	83	902384	155.901	ug/l	98
31) Cyclohexane	7.875	56	723027	159.500	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	753723	157.807	ug/l	98
36) 1,1-Dichloropropene	8.005	75	676290	164.789	ug/l	96
37) Ethyl Acetate	7.163	43	281138	167.081	ug/l	96
38) Carbon Tetrachloride	7.993	117	680827	157.809	ug/l	97
39) Methylcyclohexane	9.269	83	855939	174.801	ug/l	94
40) Benzene	8.246	78	2128923	163.325	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	166099	179.460	ug/l	# 83
42) 1,2-Dichloroethane	8.322	62	484286	155.911	ug/l	97
43) Isopropyl Acetate	8.358	43	539361	170.555	ug/l	92
44) Trichloroethene	9.028	130	520666	160.460	ug/l	92
45) 1,2-Dichloropropane	9.305	63	514935	162.330	ug/l	98
46) Dibromomethane	9.393	93	280633	159.582	ug/l	96
47) Bromodichloromethane	9.581	83	694552	160.850	ug/l	98
48) Methyl methacrylate	9.375	41	259092	183.070	ug/l	83
49) 1,4-Dioxane	9.381	88	63248	3470.974	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	1408170	872.176	ug/l	95
52) Toluene	10.328	92	1354671	168.039	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	677966	170.020	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	808945	168.654	ug/l	95
55) 1,1,2-Trichloroethane	10.728	97	366441	158.185	ug/l	94
56) Ethyl methacrylate	10.593	69	507409	184.860	ug/l	91
57) 1,3-Dichloropropane	10.875	76	650534	165.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	1142912	902.891	ug/l	91
59) 2-Hexanone	10.916	43	1022708	908.247	ug/l	98
60) Dibromochloromethane	11.069	129	482705	159.509	ug/l	98
61) 1,2-Dibromoethane	11.175	107	346907	159.849	ug/l	96
64) Tetrachloroethene	10.804	164	435090	154.738	ug/l	95
65) Chlorobenzene	11.604	112	1471603	159.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	490684	161.514	ug/l	97
67) Ethyl Benzene	11.681	91	2632278	174.135	ug/l	99
68) m/p-Xylenes	11.793	106	2060812	343.631	ug/l	94
69) o-Xylene	12.116	106	968683	176.220	ug/l	91
70) Styrene	12.134	104	1649937	171.204	ug/l	97
71) Bromoform	12.299	173	260009	151.391	ug/l	# 99
73) Isopropylbenzene	12.416	105	2432672	154.748	ug/l	100
74) N-amyl acetate	12.228	43	537935	183.476	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	415243	160.351	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	545767	312.073	ug/l	# 100
77) Bromobenzene	12.698	156	553195	165.506	ug/l	88
78) n-propylbenzene	12.757	91	2924241	175.496	ug/l	98
79) 2-Chlorotoluene	12.846	91	1599355	172.380	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	1975362	177.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	158420	173.409	ug/l	100
82) 4-Chlorotoluene	12.946	91	1641173	169.679	ug/l	96
83) tert-Butylbenzene	13.163	119	1747927	154.347	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	2025359	154.433	ug/l	99
85) sec-Butylbenzene	13.340	105	2606530	176.483	ug/l	99
86) p-Isopropyltoluene	13.457	119	2283514	154.572	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	1140600	164.740	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	1083739	159.211	ug/l	98
89) n-Butylbenzene	13.781	91	2104042	154.485	ug/l	98
90) Hexachloroethane	14.051	117	433398	167.772	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	953333	161.111	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	57408	166.609	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	644883	172.975	ug/l	99
94) Hexachlorobutadiene	15.198	225	336811	167.387	ug/l	95
95) Naphthalene	15.328	128	1244789	192.908	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	571111	174.145	ug/l	98

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QLast Update : Tue Jul 30 02:34:50 2024
Response via : Initial Calibration

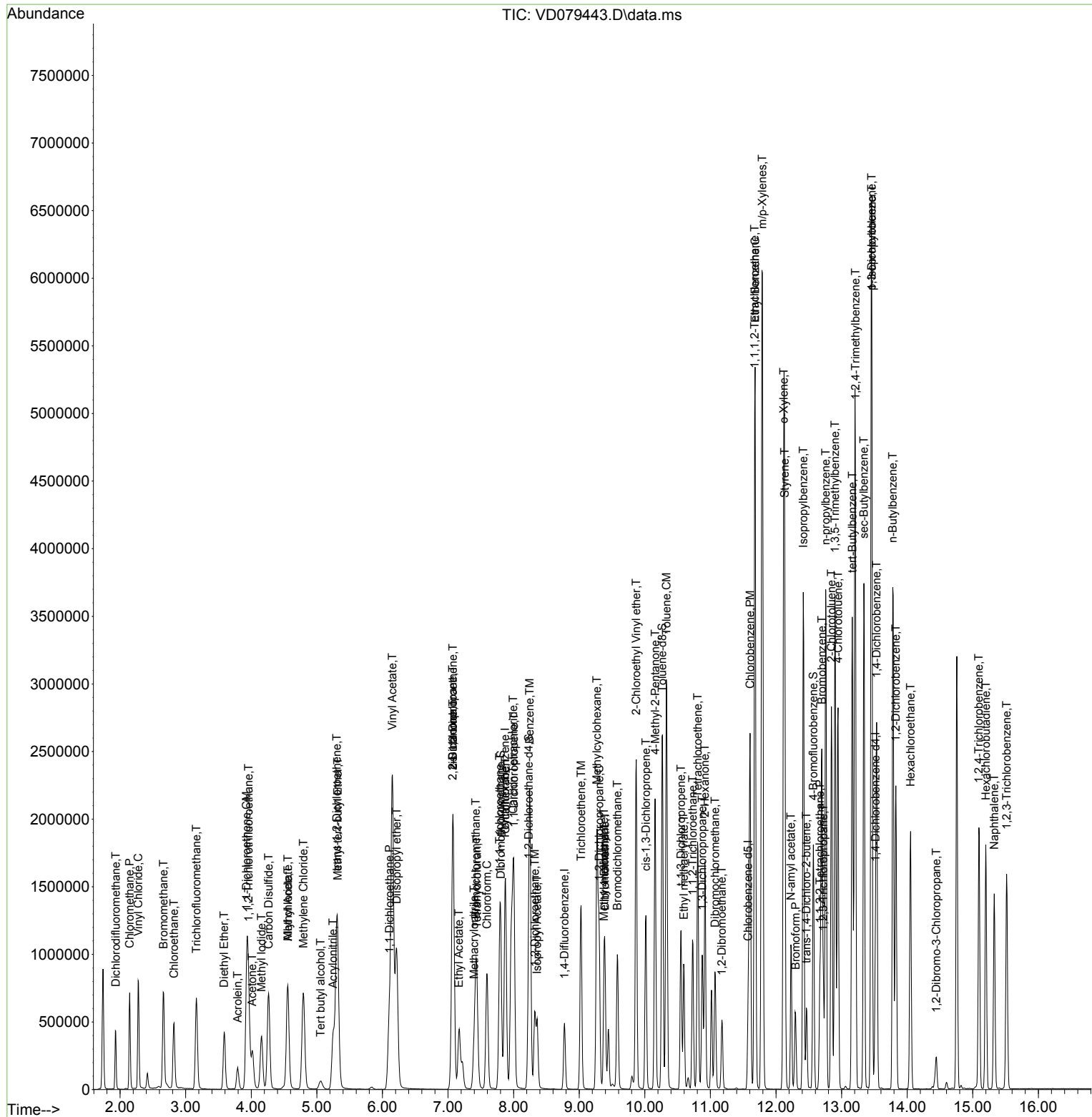
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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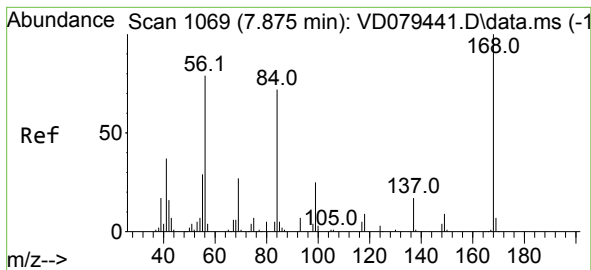
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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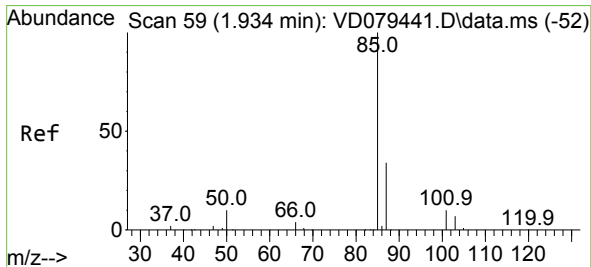
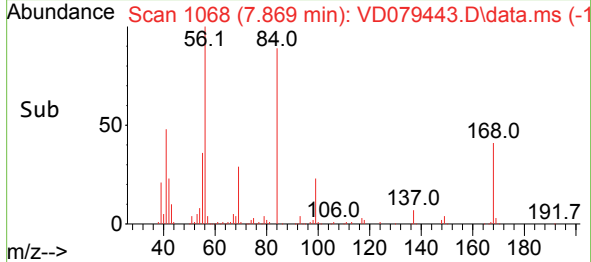
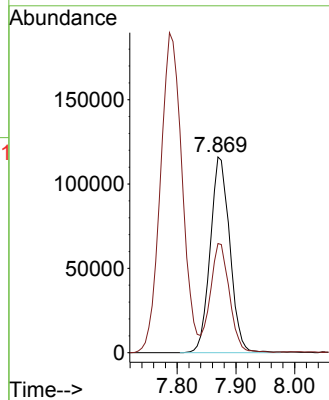
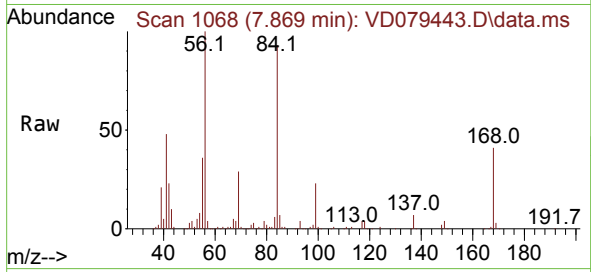




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079443.D
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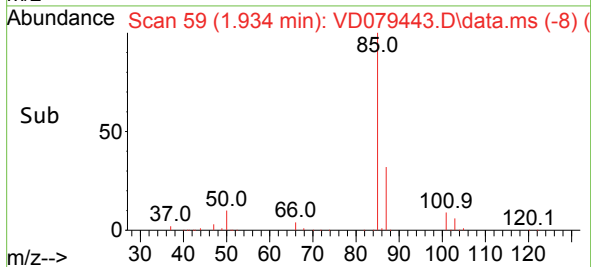
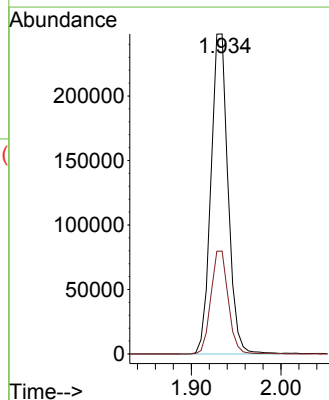
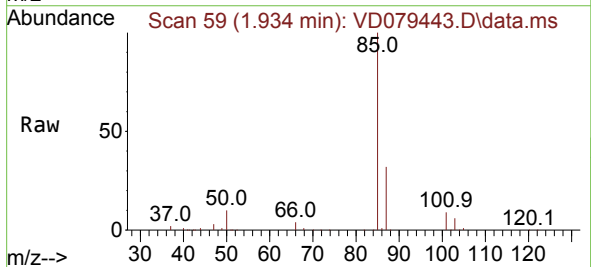
Instrument :
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ClientSampleId :
VSTDIC150

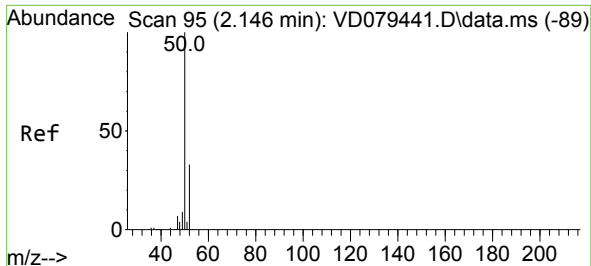
Tgt Ion:168 Resp: 268673
Ion Ratio Lower Upper
168 100
99 55.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 156.150 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 85 Resp: 328715
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

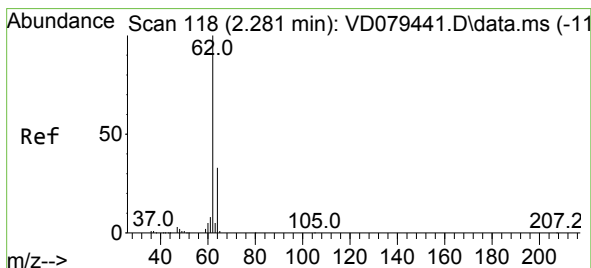
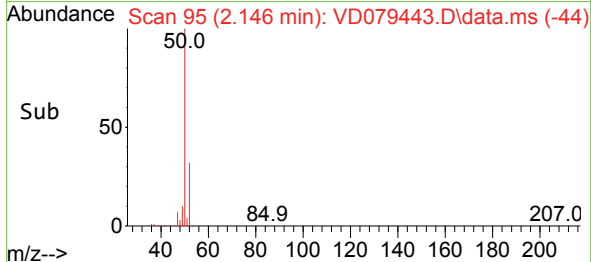
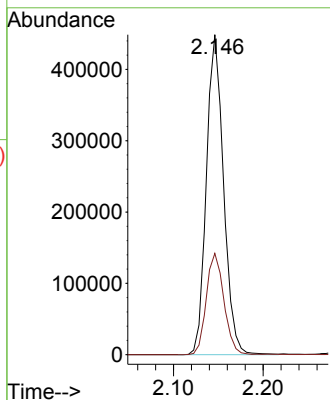
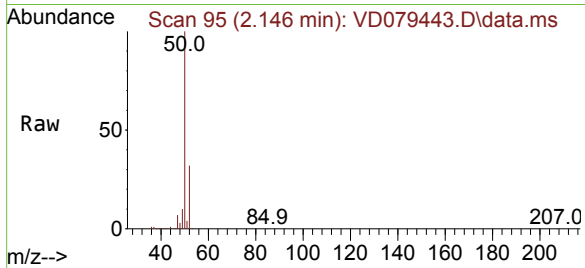




#3
Chloromethane
Concen: 153.699 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

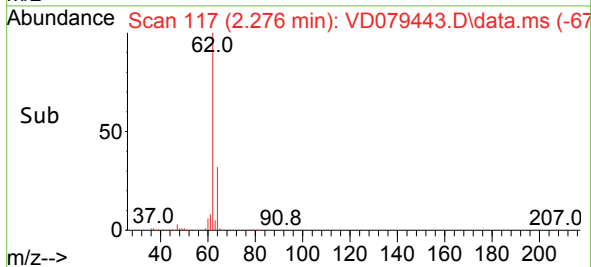
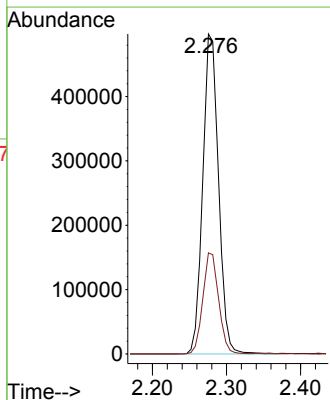
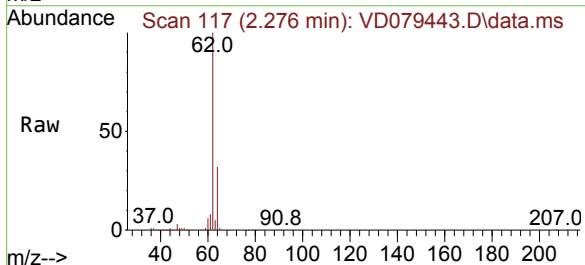
Instrument :
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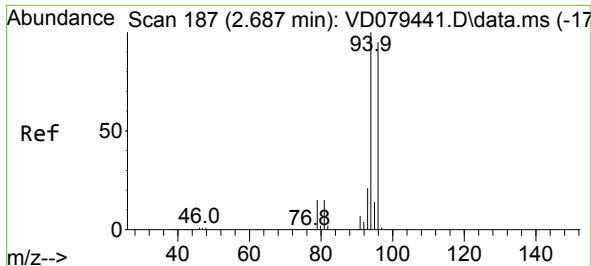
Tgt Ion: 50 Resp: 596169
Ion Ratio Lower Upper
50 100
52 31.7 28.2 42.2



#4
Vinyl Chloride
Concen: 159.436 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 62 Resp: 735305
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5

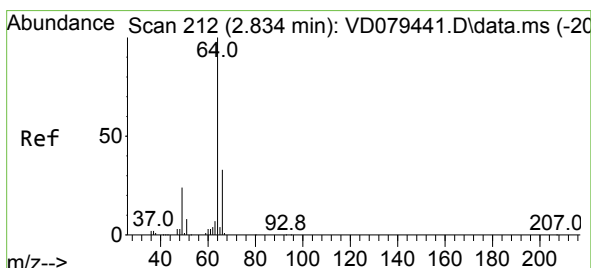
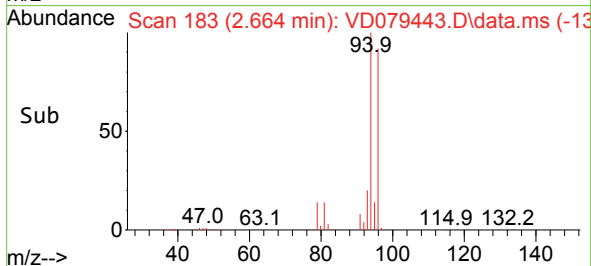
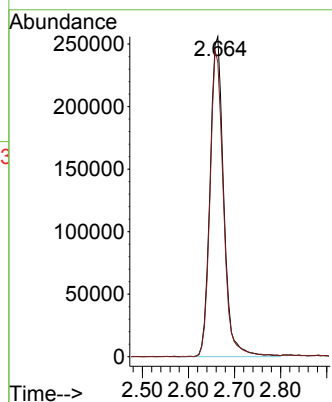
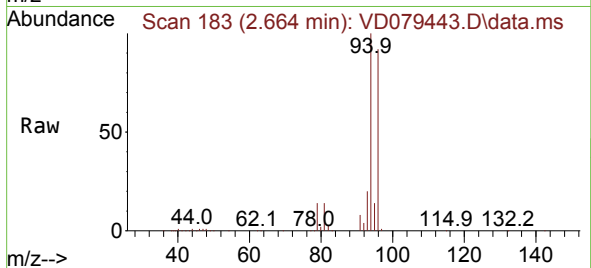




#5
Bromomethane
Concen: 189.633 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

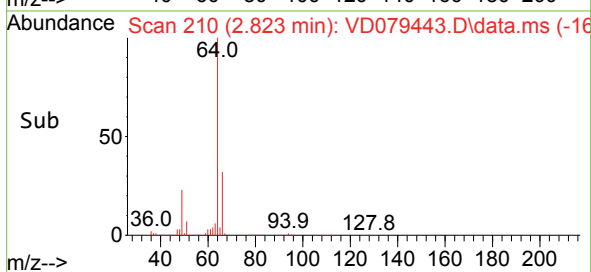
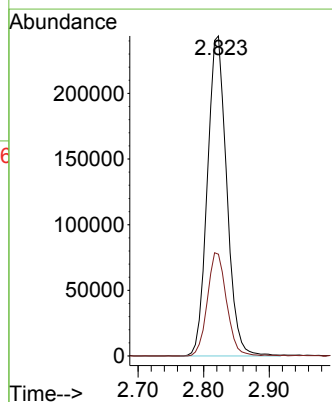
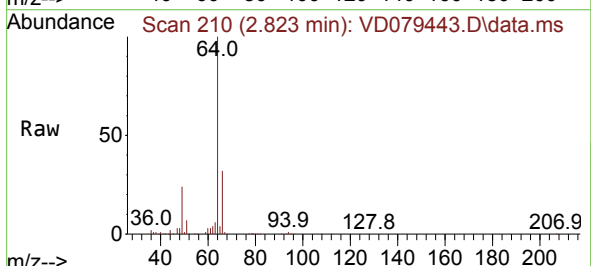
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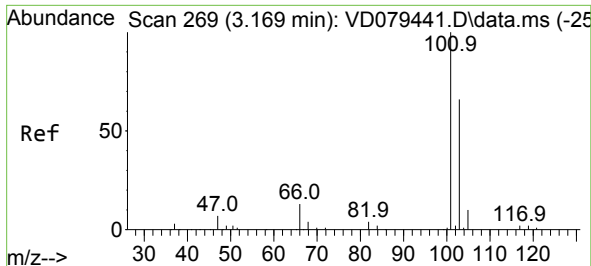
Tgt Ion: 94 Resp: 530598
Ion Ratio Lower Upper
94 100
96 94.0 76.9 115.3



#6
Chloroethane
Concen: 168.852 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.011 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 64 Resp: 500404
Ion Ratio Lower Upper
64 100
66 31.8 24.5 36.7

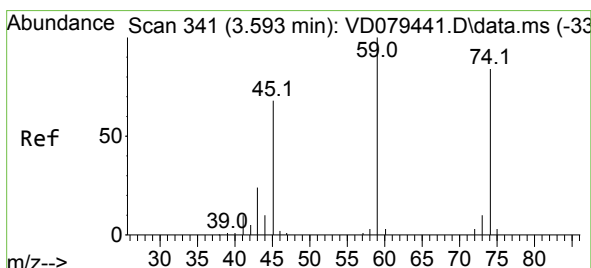
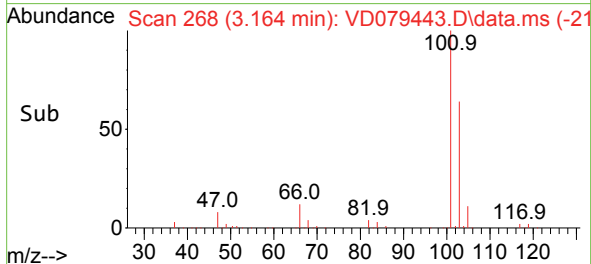
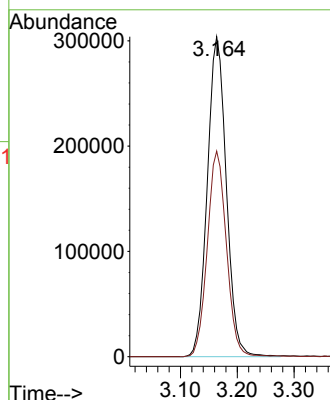
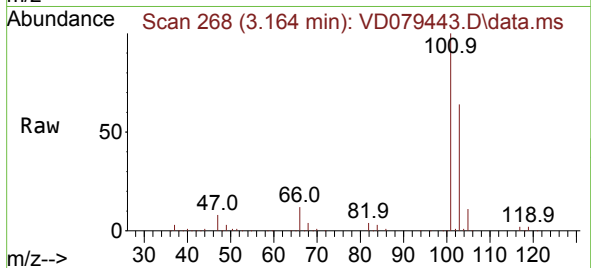




#7
Trichlorofluoromethane
Concen: 153.606 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

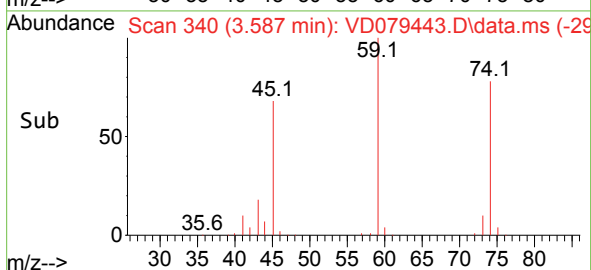
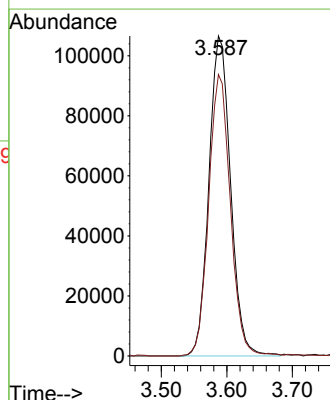
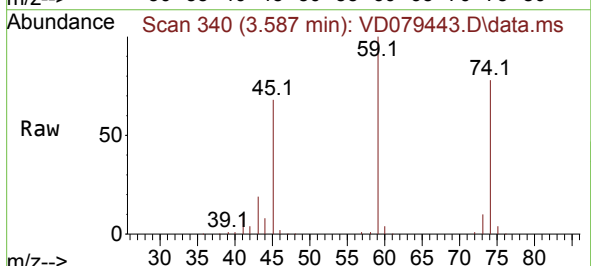
Instrument :
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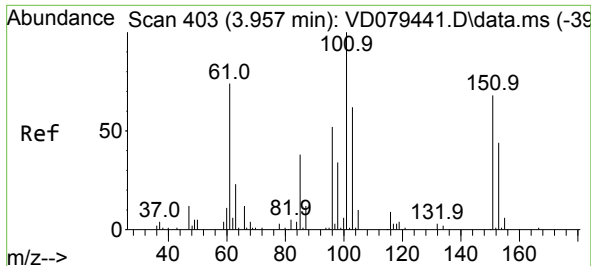
Tgt Ion:101 Resp: 704513
Ion Ratio Lower Upper
101 100
103 64.2 53.2 79.8



#8
Diethyl Ether
Concen: 176.515 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.005 min
Lab File: VD079443.D
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Tgt Ion: 74 Resp: 244555
Ion Ratio Lower Upper
74 100
45 88.2 37.9 113.6

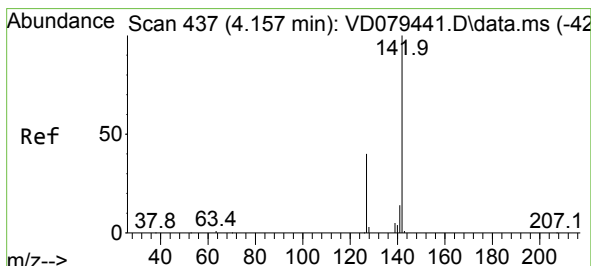
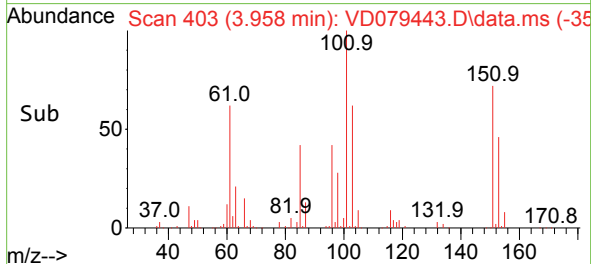
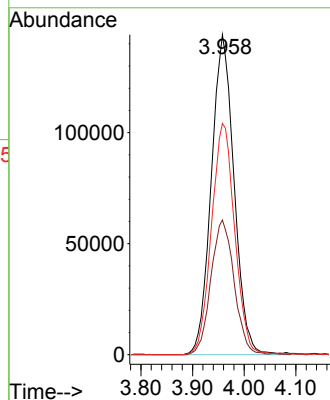
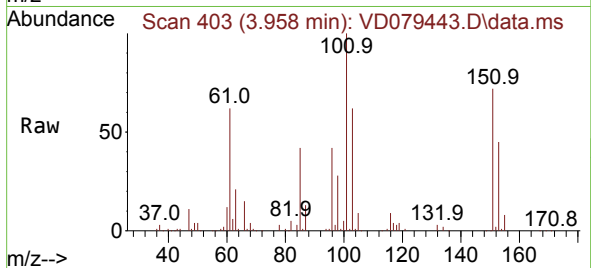




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.856 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

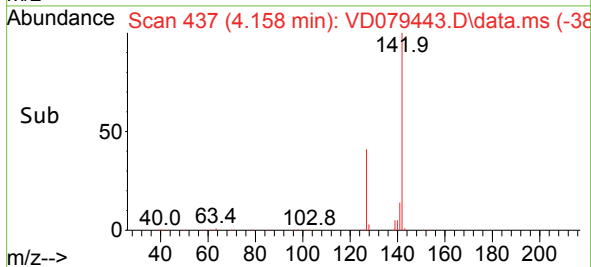
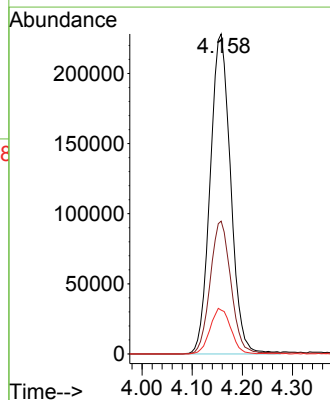
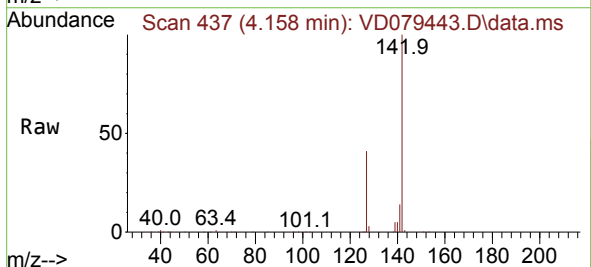
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

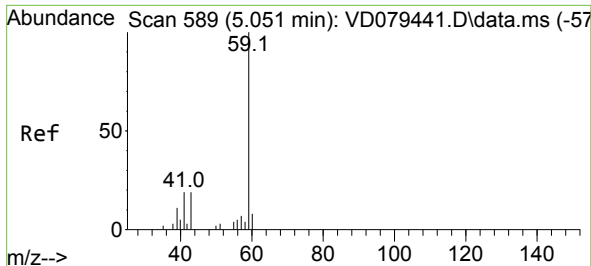
Tgt Ion:101 Resp: 440507
Ion Ratio Lower Upper
101 100
85 42.9 33.5 50.3
151 74.1 60.3 90.5



#10
Methyl Iodide
Concen: 150.942 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.001 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:142 Resp: 646839
Ion Ratio Lower Upper
142 100
127 42.4 34.2 51.4
141 14.4 11.7 17.5

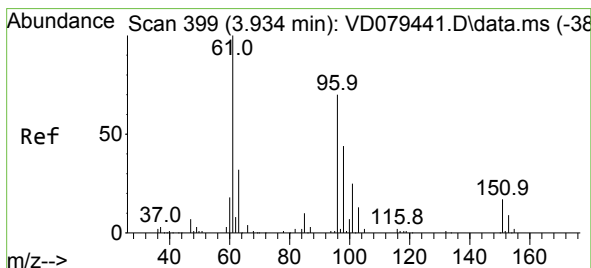
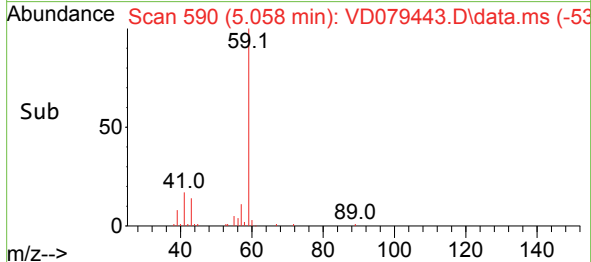
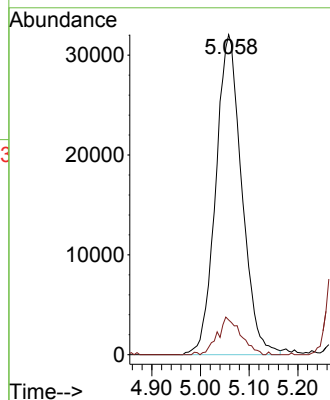
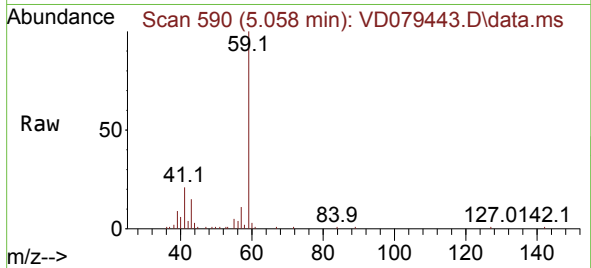




#11
Tert butyl alcohol
Concen: 747.211 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.007 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

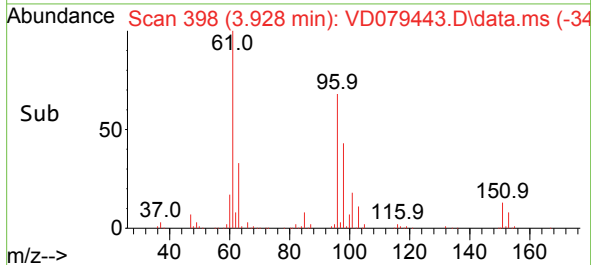
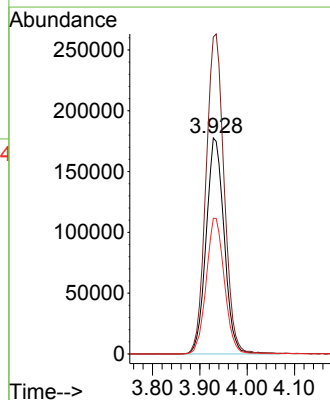
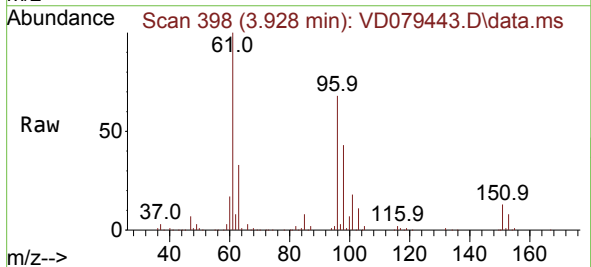
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

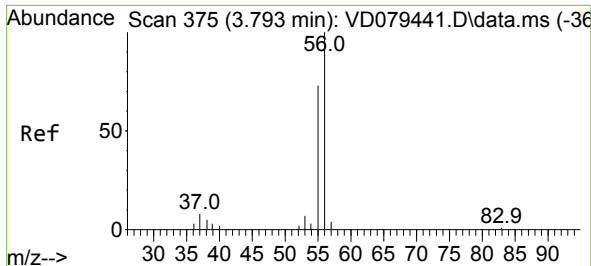
Tgt Ion: 59 Resp: 118984
Ion Ratio Lower Upper
59 100
57 10.4 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 161.767 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 96 Resp: 469604
Ion Ratio Lower Upper
96 100
61 146.8 107.3 160.9
98 62.9 51.7 77.5

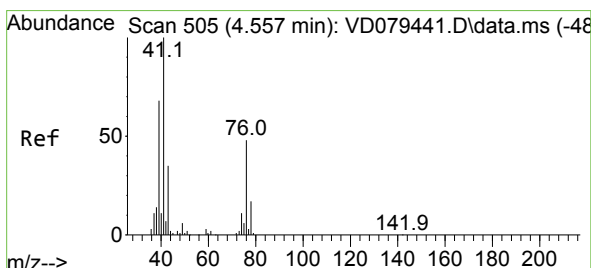
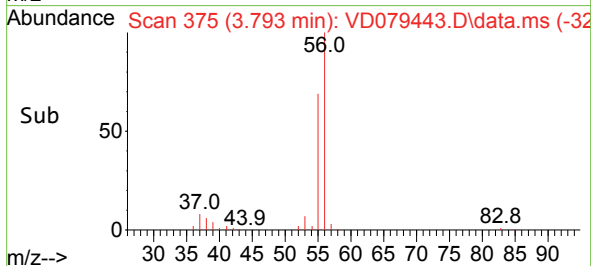
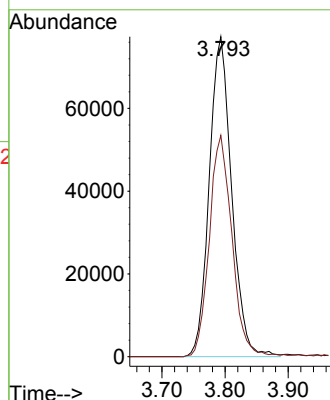
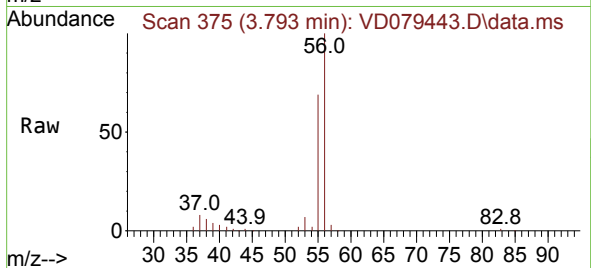




#13
Acrolein
Concen: 748.537 ug/l
RT: 3.793 min Scan# 313
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

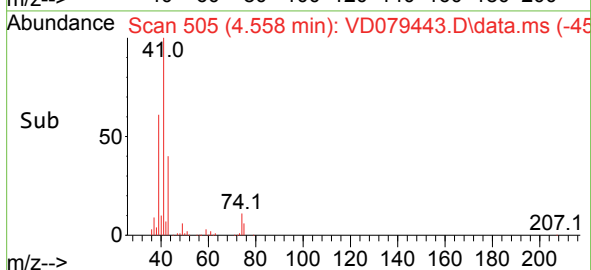
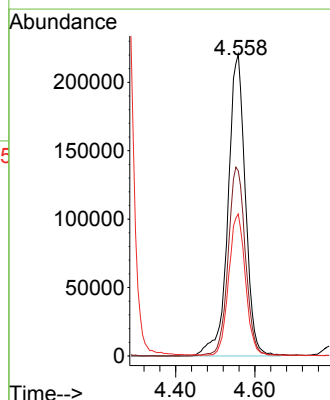
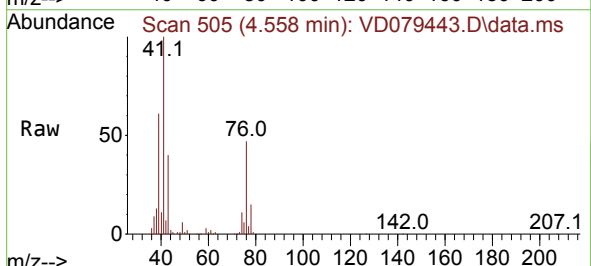
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

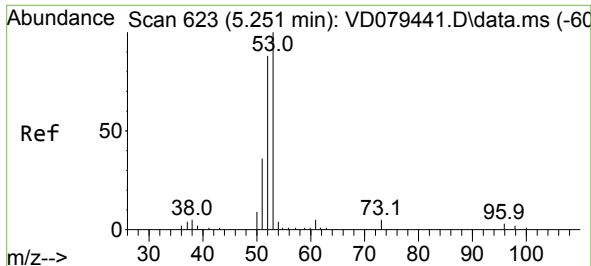
Tgt Ion: 56 Resp: 190505
Ion Ratio Lower Upper
56 100
55 70.0 55.3 82.9



#14
Allyl chloride
Concen: 174.925 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 41 Resp: 670549
Ion Ratio Lower Upper
41 100
39 62.6 58.0 87.0
76 44.7 45.9 68.9#

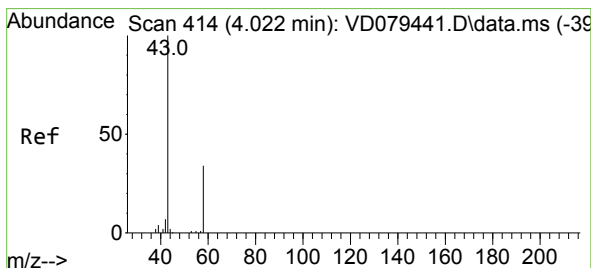
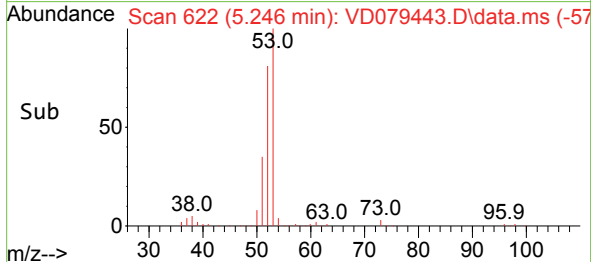
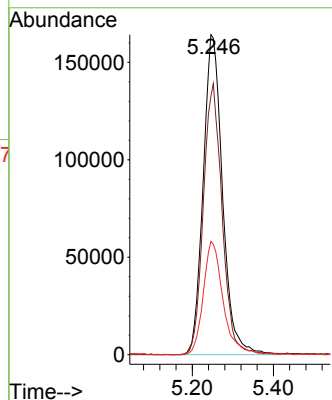
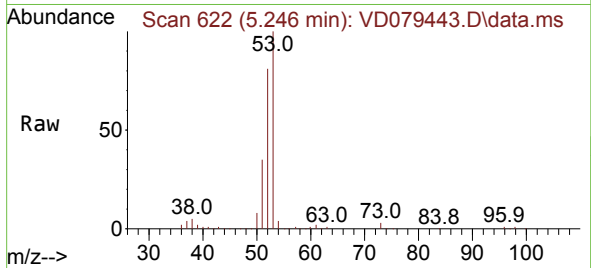




#15
Acrylonitrile
Concen: 839.311 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

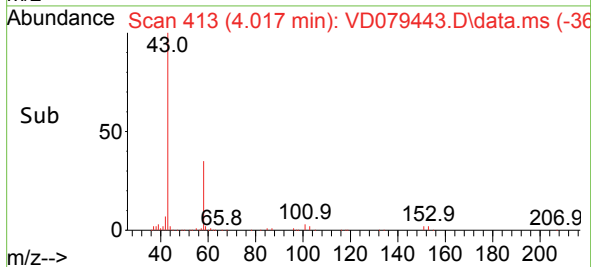
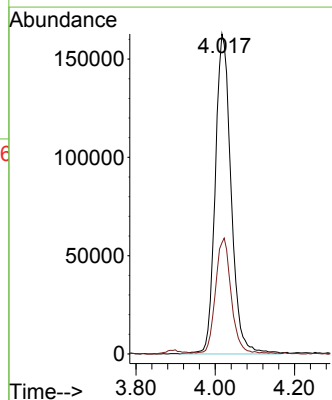
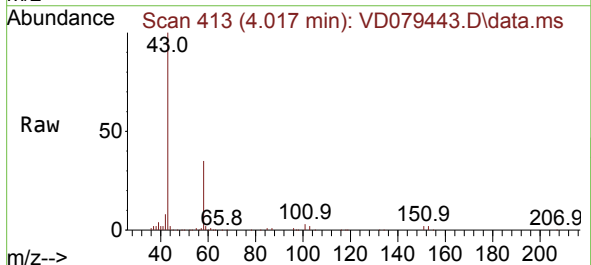
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

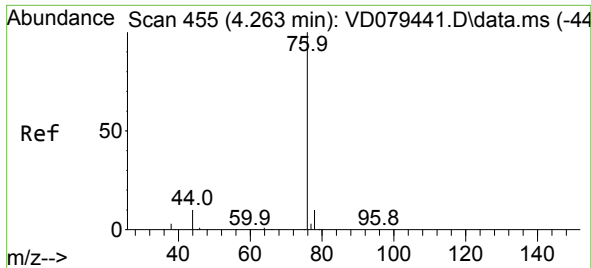
Tgt Ion: 53 Resp: 543376
Ion Ratio Lower Upper
53 100
52 81.8 67.7 101.5
51 36.4 28.6 42.8



#16
Acetone
Concen: 853.601 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 43 Resp: 452792
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

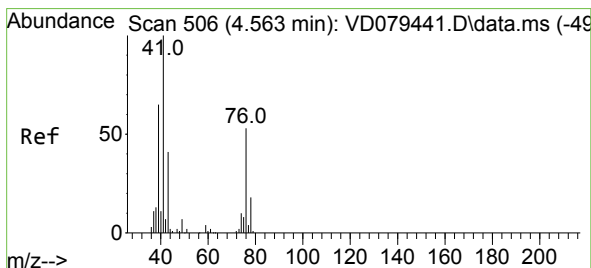
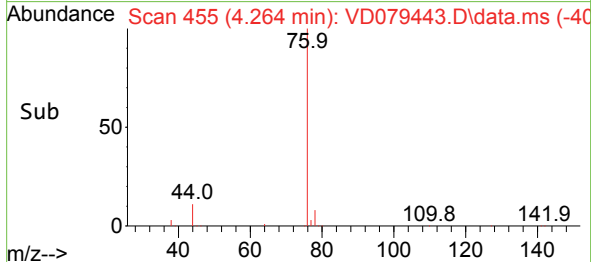
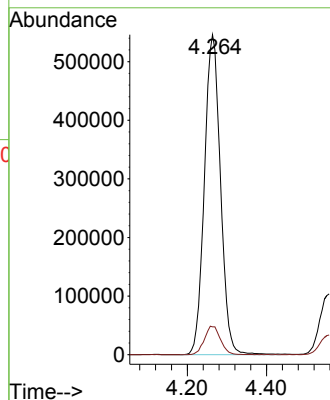
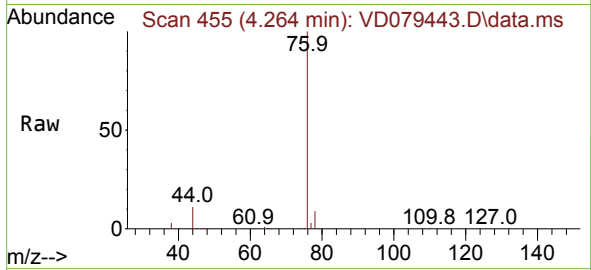




#17
Carbon Disulfide
Concen: 160.464 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

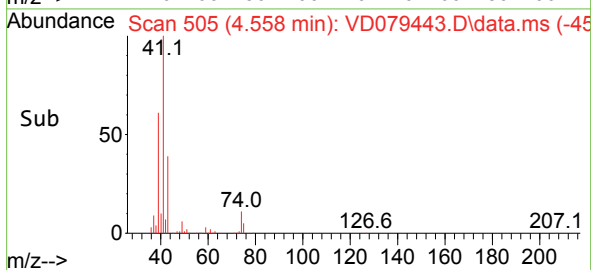
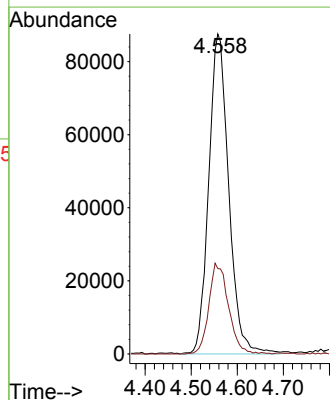
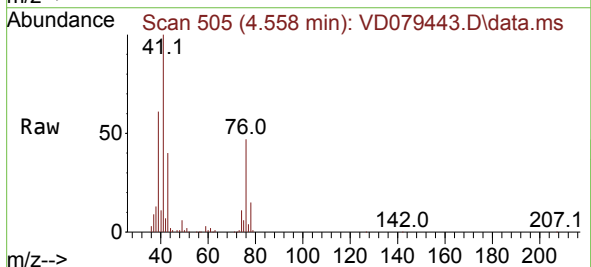
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

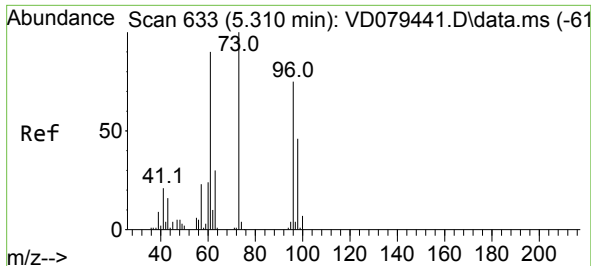
Tgt Ion: 76 Resp: 1537620
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 160.458 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 43 Resp: 264264
Ion Ratio Lower Upper
43 100
74 27.7 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 176.209 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

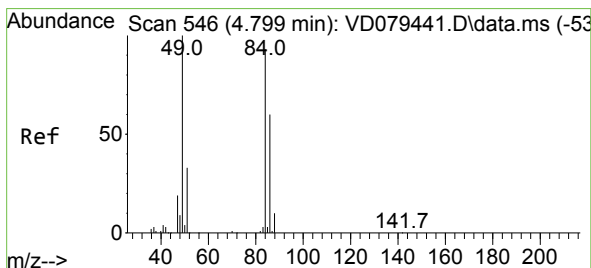
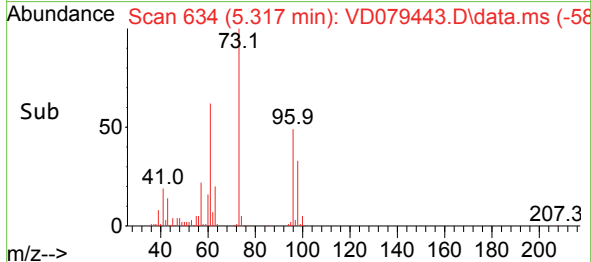
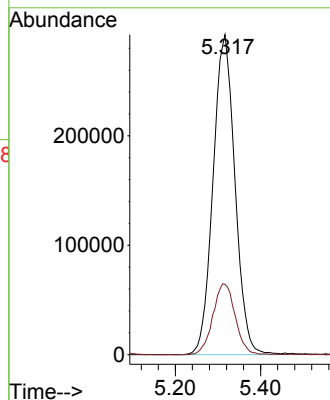
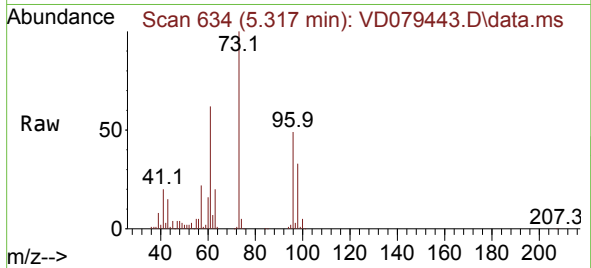
VSTDIC150

Tgt Ion: 73 Resp: 1044143

Ion Ratio Lower Upper

73 100

57 22.0 18.3 27.5



#20

Methylene Chloride

Concen: 150.339 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Tgt Ion: 84 Resp: 575887

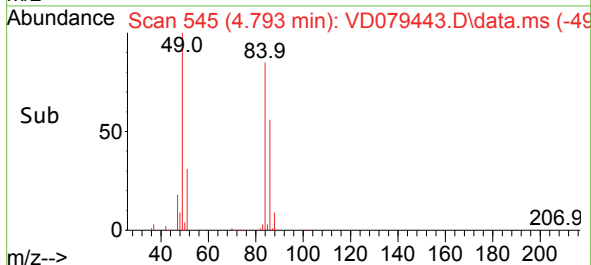
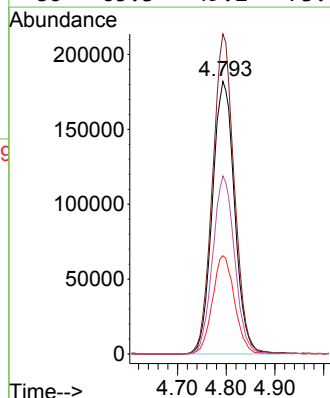
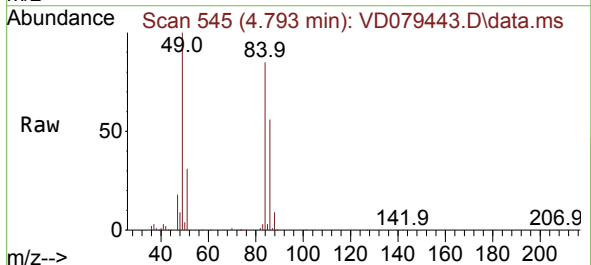
Ion Ratio Lower Upper

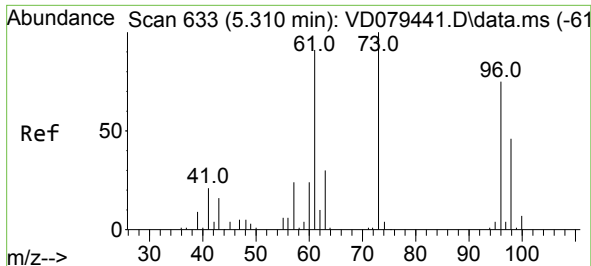
84 100

49 117.4 75.6 113.4#

51 36.0 24.2 36.2

86 65.3 49.2 73.8

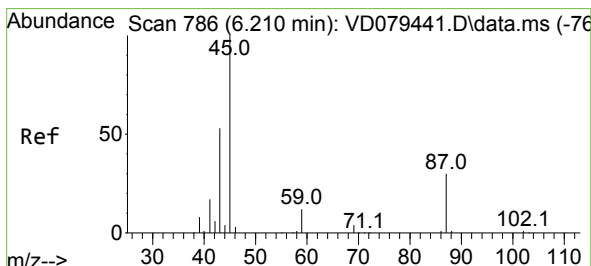
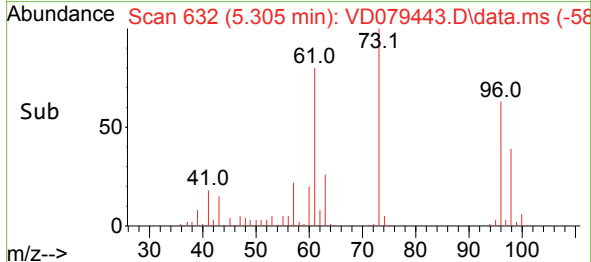
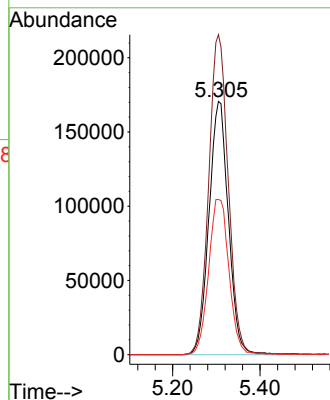
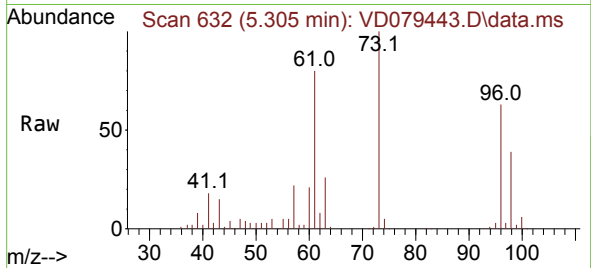




#21
trans-1,2-Dichloroethene
Concen: 161.255 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

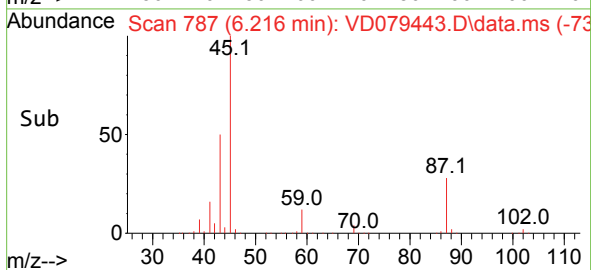
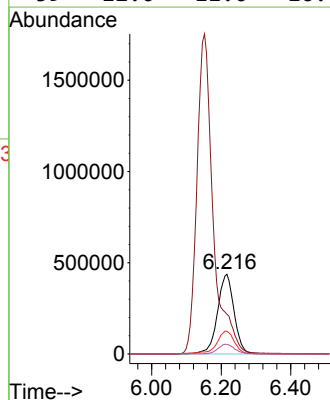
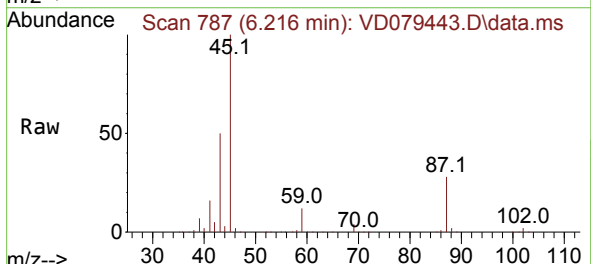
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

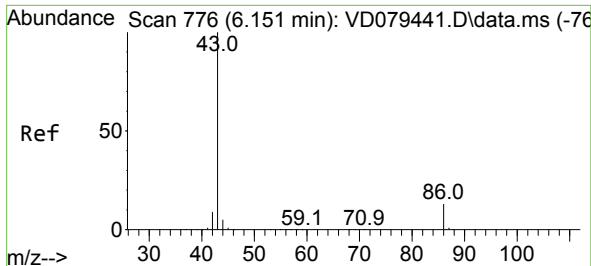
Tgt Ion: 96 Resp: 525876
Ion Ratio Lower Upper
96 100
61 126.4 84.5 126.7
98 61.3 50.5 75.7



#22
Diisopropyl ether
Concen: 169.717 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 45 Resp: 1447540
Ion Ratio Lower Upper
45 100
43 49.5 41.7 62.5
87 28.2 30.2 45.2#
59 12.0 11.0 16.6

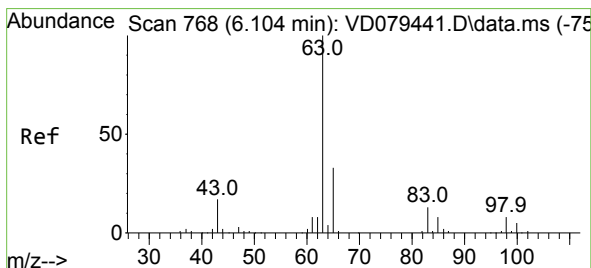
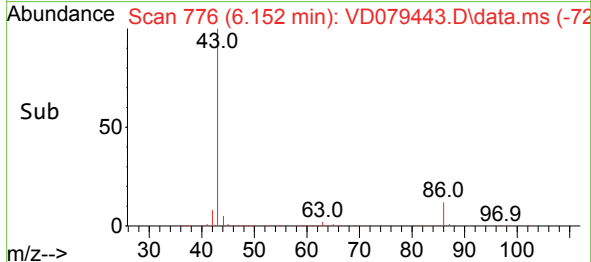
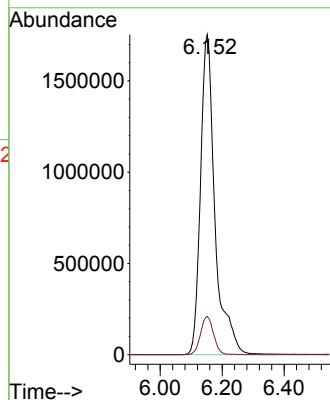
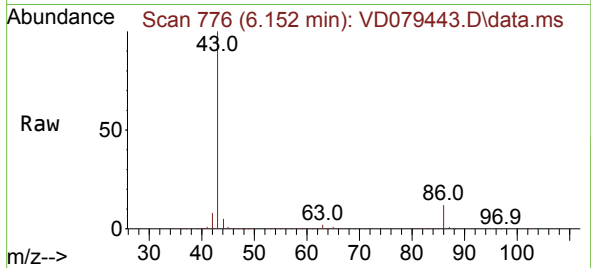




#23
 Vinyl Acetate
 Concen: 886.639 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

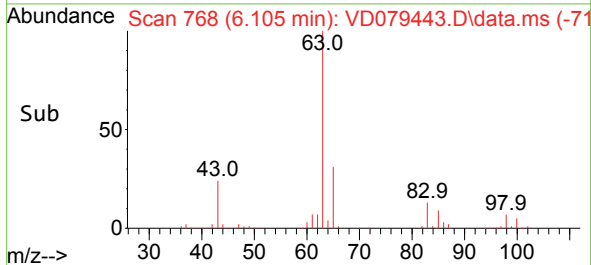
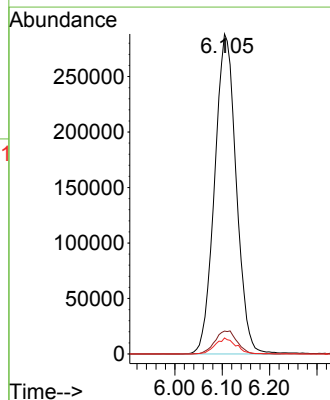
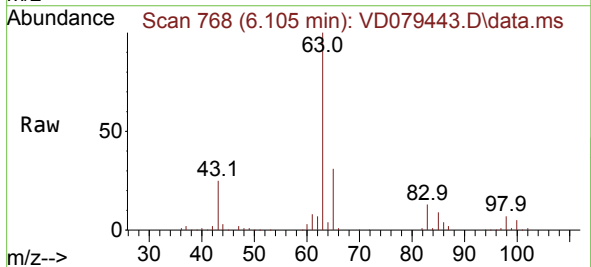
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

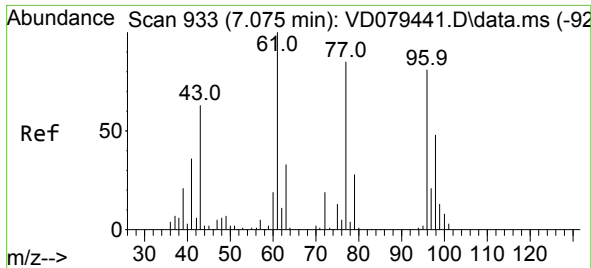
Tgt Ion: 43 Resp: 5684701
 Ion Ratio Lower Upper
 43 100
 86 11.9 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 159.974 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Tgt Ion: 63 Resp: 914363
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.7 14.0
 100 5.0 2.9 8.6

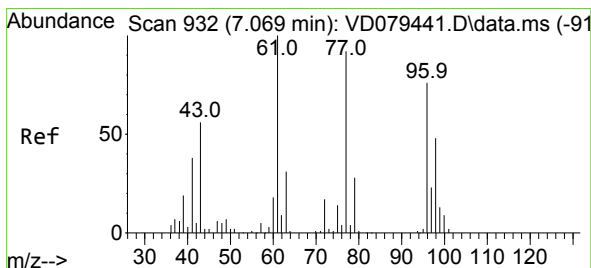
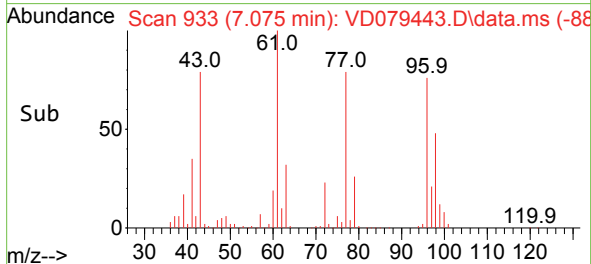
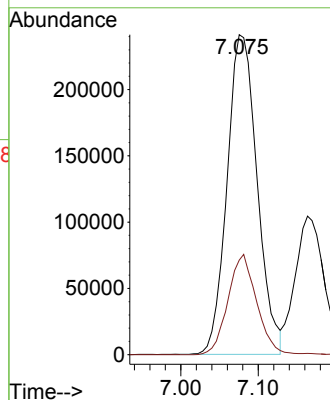
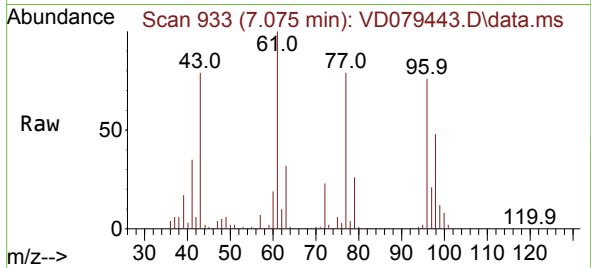




#25
2-Butanone
Concen: 868.126 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

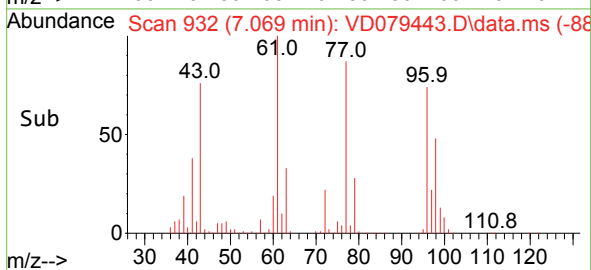
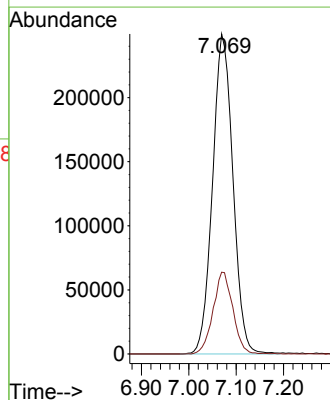
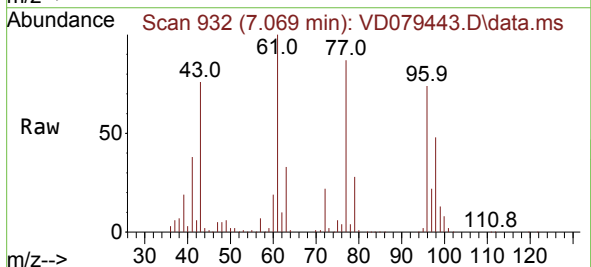
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

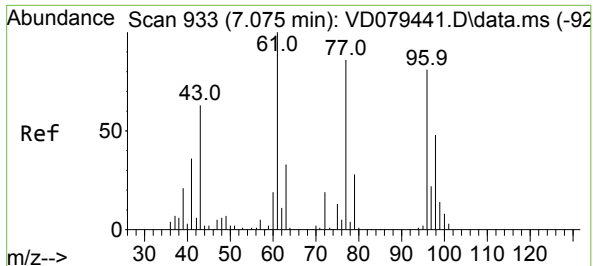
Tgt Ion: 43 Resp: 652855
Ion Ratio Lower Upper
43 100
72 29.6 26.4 39.6



#26
2,2-Dichloropropane
Concen: 161.398 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 77 Resp: 746182
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.2

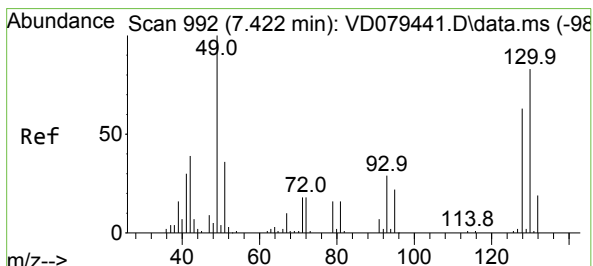
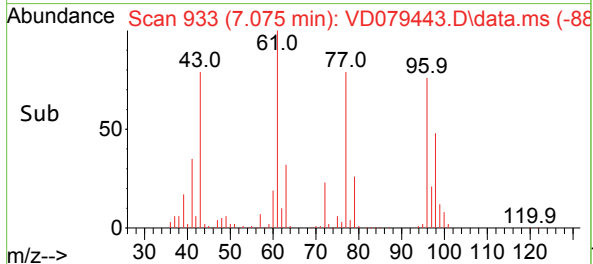
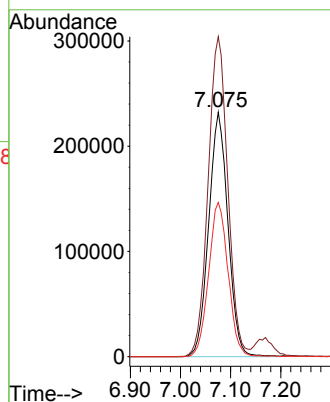
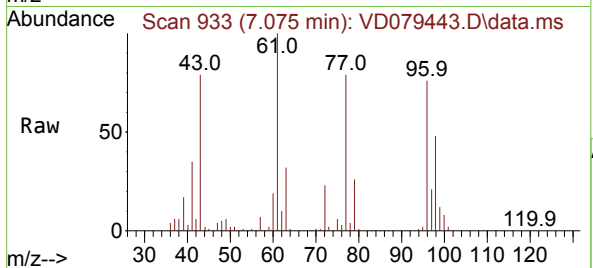




#27
cis-1,2-Dichloroethene
Concen: 166.460 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

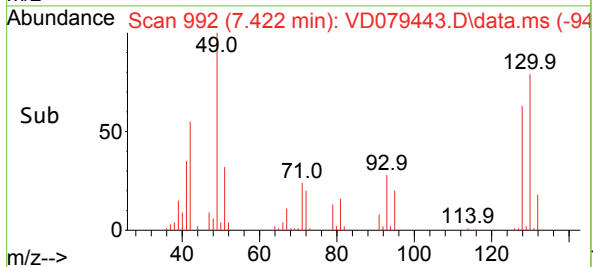
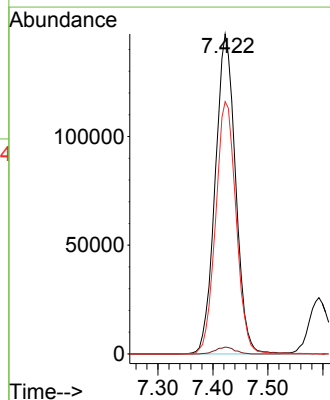
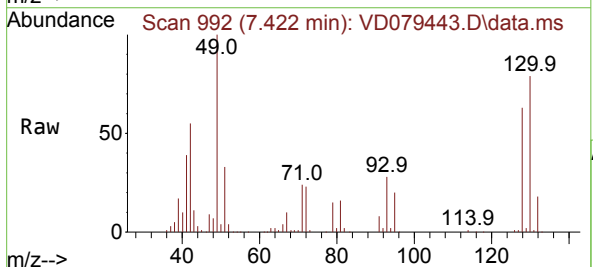
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

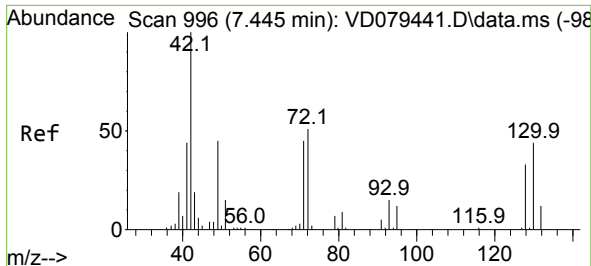
Tgt Ion: 96 Resp: 620495
Ion Ratio Lower Upper
96 100
61 133.8 0.0 229.0
98 63.7 0.0 127.2



#28
Bromochloromethane
Concen: 151.002 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 49 Resp: 378472
Ion Ratio Lower Upper
49 100
129 2.0 0.0 7.0
130 79.1 87.7 131.5#





#29

Tetrahydrofuran

Concen: 883.982 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.005 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

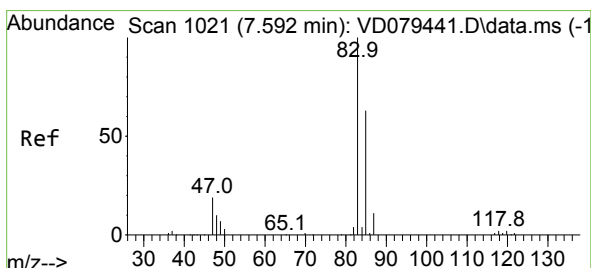
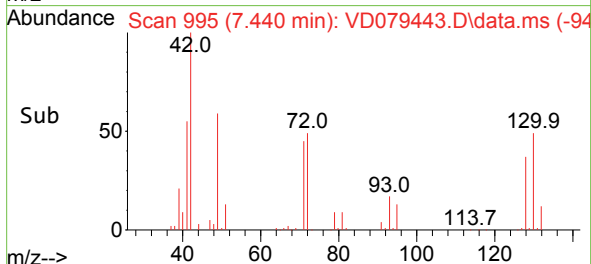
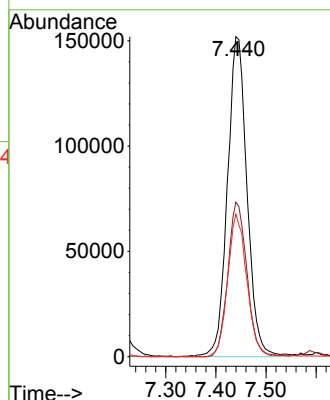
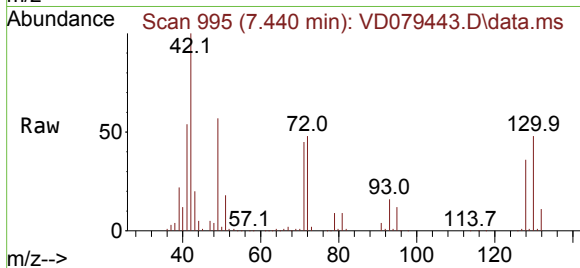
Tgt Ion: 42 Resp: 411983

Ion Ratio Lower Upper

42 100

72 47.2 49.4 74.0#

71 43.3 45.0 67.6#



#30

Chloroform

Concen: 155.901 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079443.D

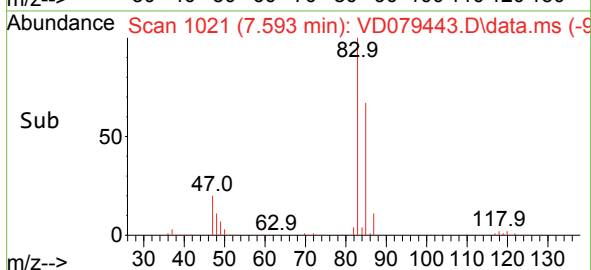
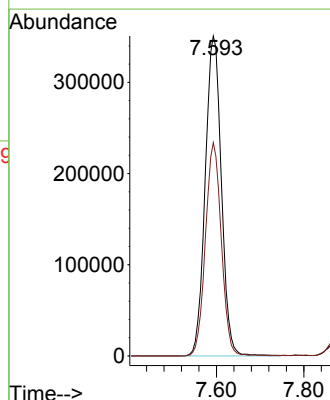
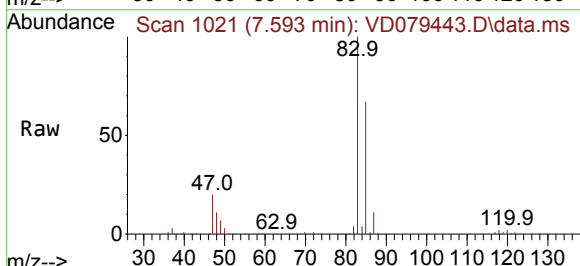
Acq: 29 Jul 2024 18:34

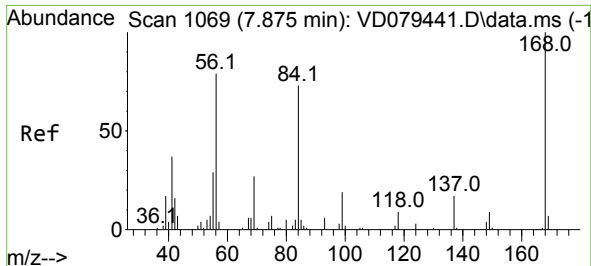
Tgt Ion: 83 Resp: 902384

Ion Ratio Lower Upper

83 100

85 66.6 51.8 77.6

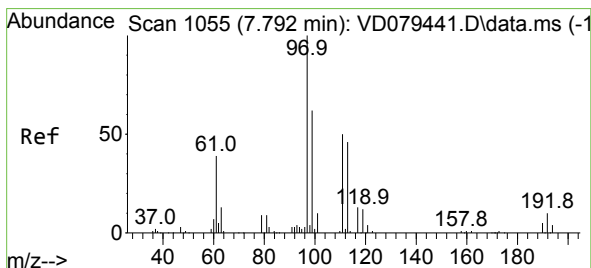
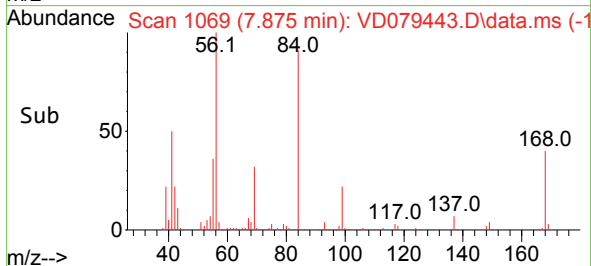
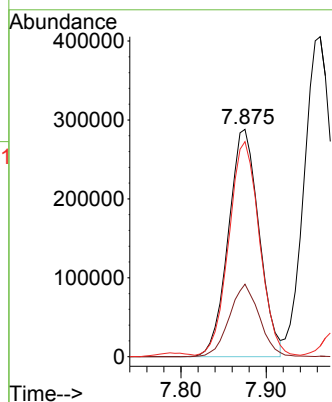
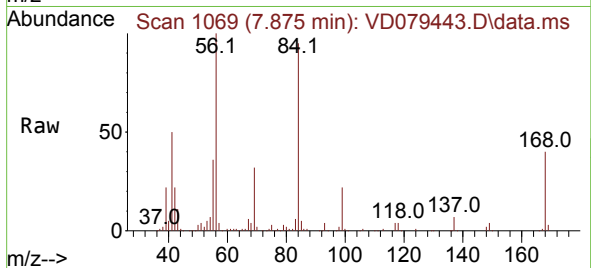




#31
Cyclohexane
Concen: 159.500 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

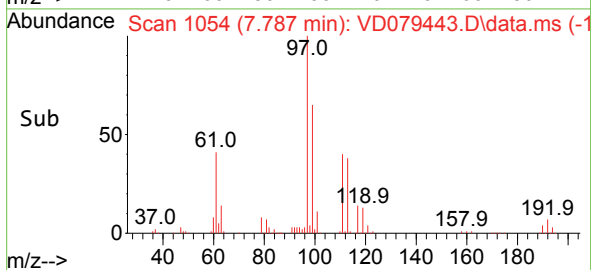
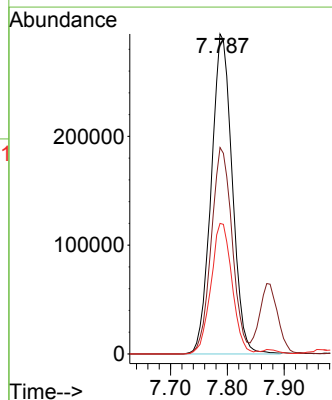
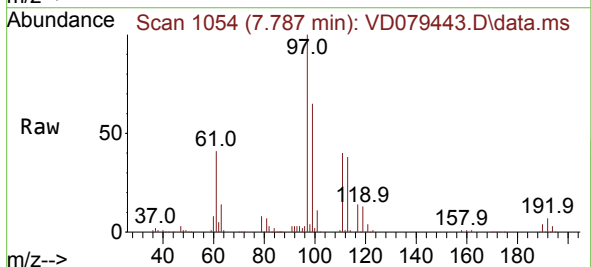
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

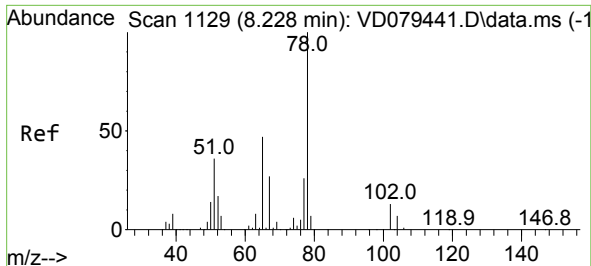
Tgt Ion: 56 Resp: 723027
Ion Ratio Lower Upper
56 100
69 31.9 28.0 42.0
84 93.0 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 157.807 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 97 Resp: 753723
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 41.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 155.474 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

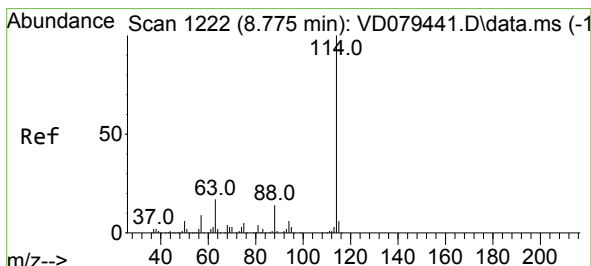
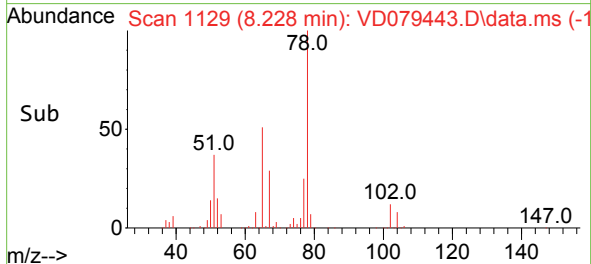
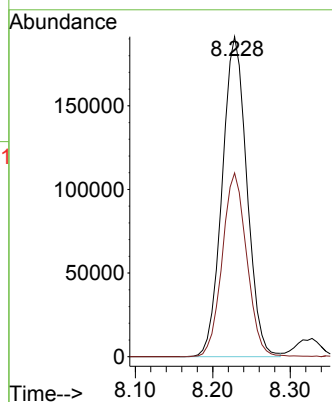
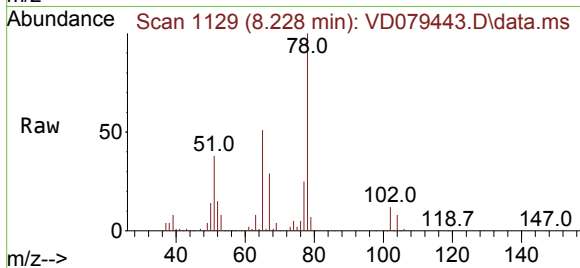
VSTDIC150

Tgt Ion: 65 Resp: 424360

Ion Ratio Lower Upper

65 100

67 57.0 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: VD079443.D

Acq: 29 Jul 2024 18:34

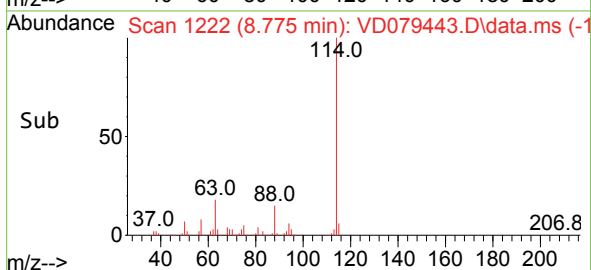
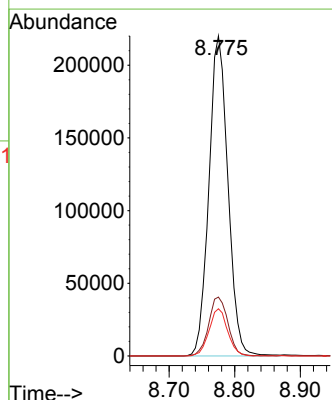
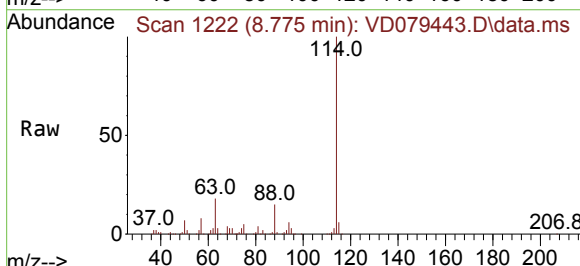
Tgt Ion: 114 Resp: 444237

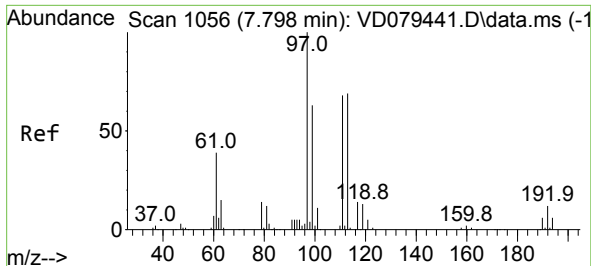
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 14.8 0.0 27.2

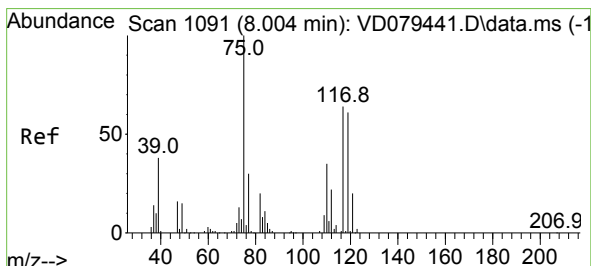
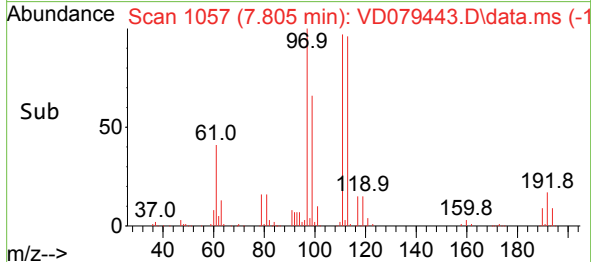
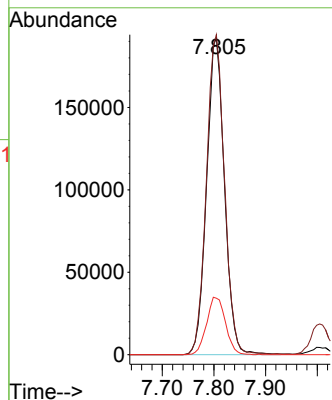
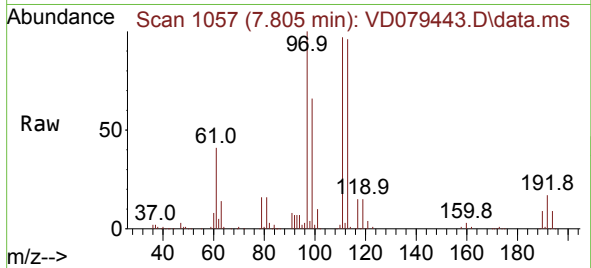




#35
Dibromofluoromethane
Concen: 152.885 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

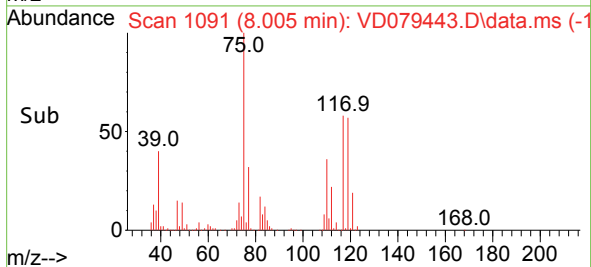
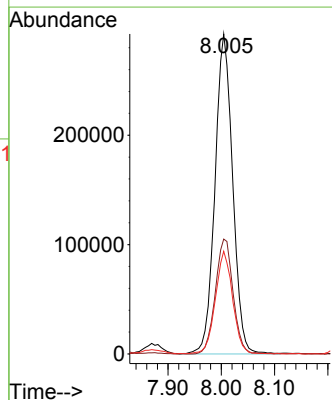
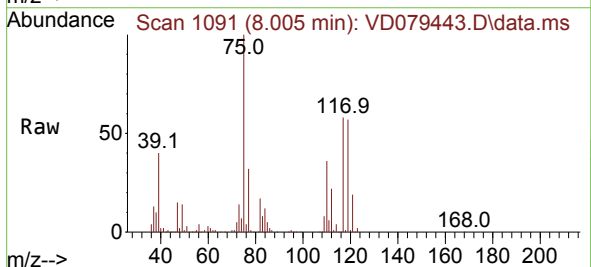
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

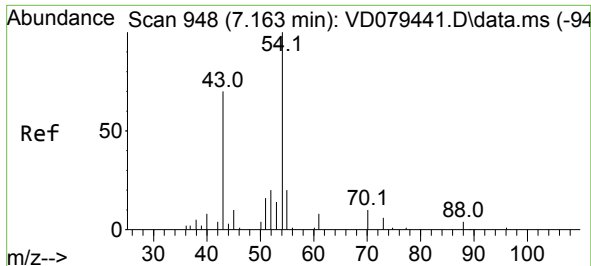
Tgt Ion:113 Resp: 459694
Ion Ratio Lower Upper
113 100
111 102.8 84.0 126.0
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 164.789 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 75 Resp: 676290
Ion Ratio Lower Upper
75 100
110 35.9 19.6 58.7
77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 167.081 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

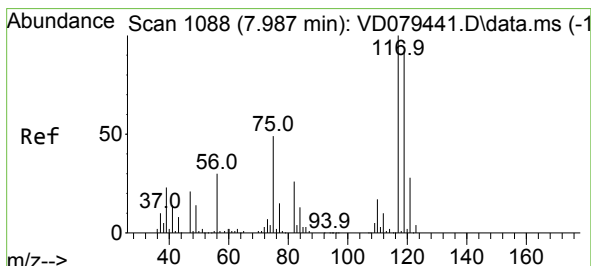
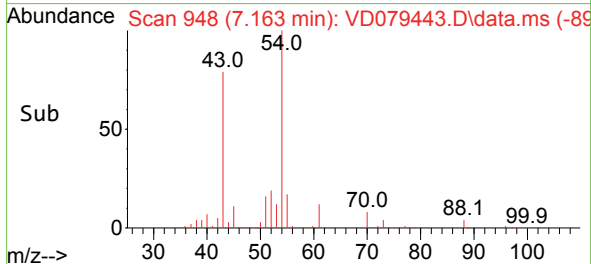
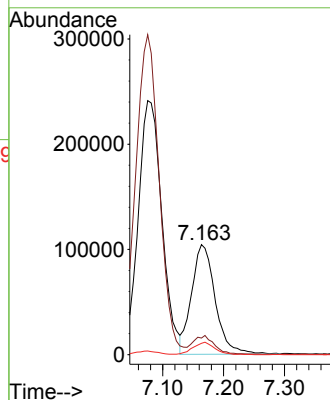
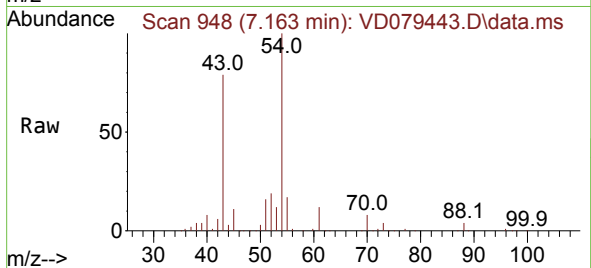
Tgt Ion: 43 Resp: 281138

Ion Ratio Lower Upper

43 100

61 15.5 13.9 20.9

70 10.6 9.8 14.6



#38

Carbon Tetrachloride

Concen: 157.809 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

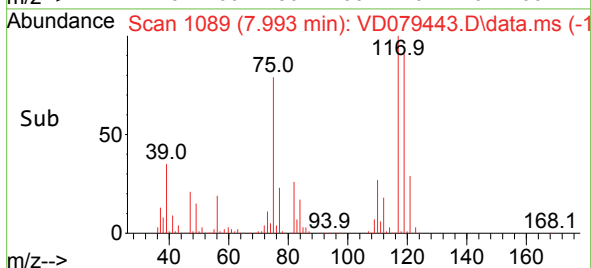
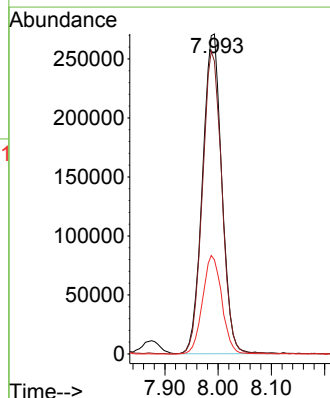
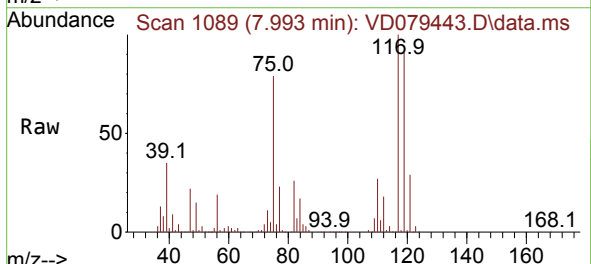
Tgt Ion: 117 Resp: 680827

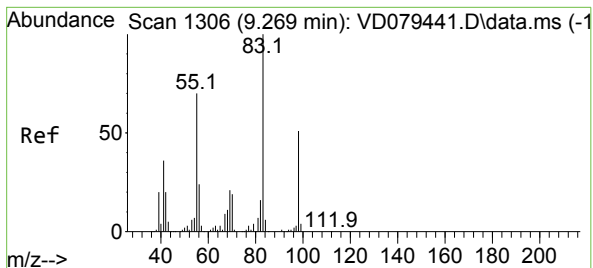
Ion Ratio Lower Upper

117 100

119 91.4 75.4 113.0

121 29.4 25.0 37.4





#39

Methylcyclohexane

Concen: 174.801 ug/l

RT: 9.269 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

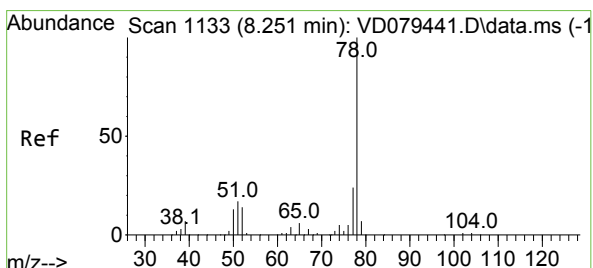
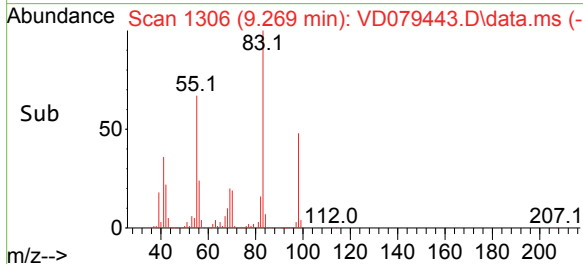
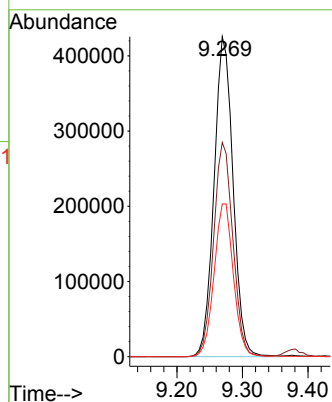
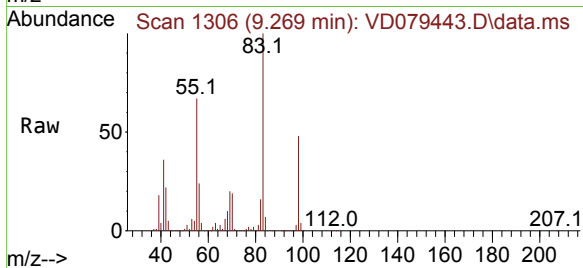
Tgt Ion: 83 Resp: 855939

Ion Ratio Lower Upper

83 100

55 66.9 50.1 75.1

98 47.8 41.9 62.9



#40

Benzene

Concen: 163.325 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079443.D

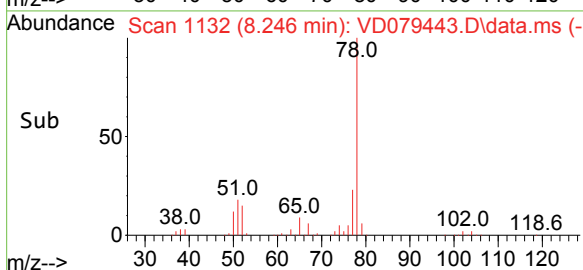
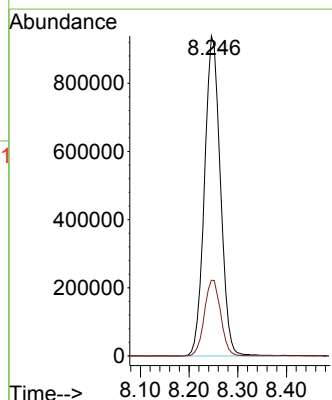
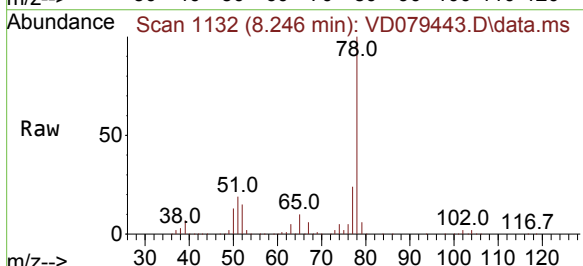
Acq: 29 Jul 2024 18:34

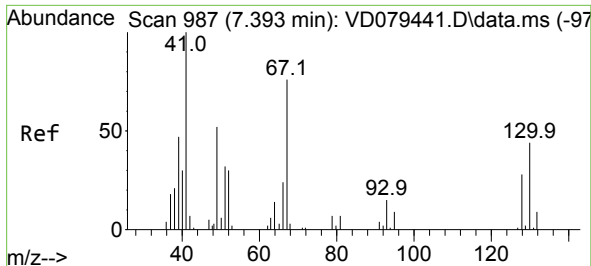
Tgt Ion: 78 Resp: 2128923

Ion Ratio Lower Upper

78 100

77 23.6 18.1 27.1

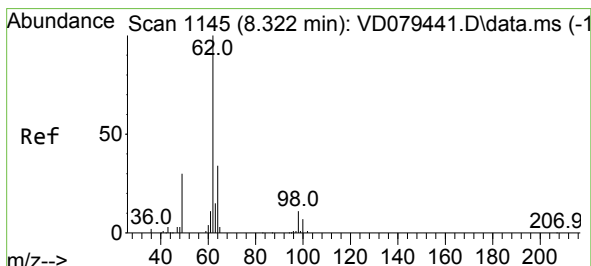
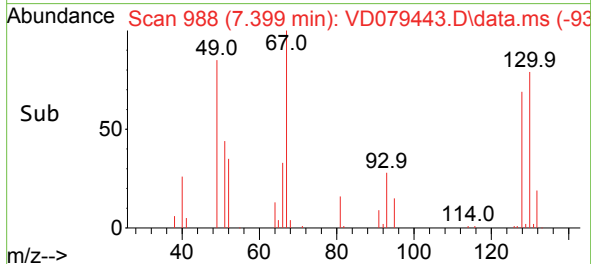
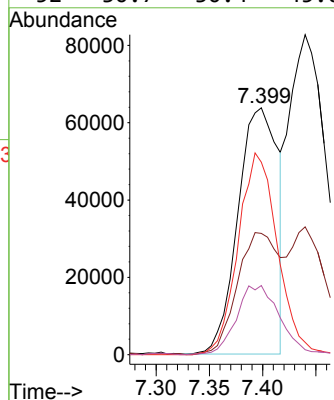
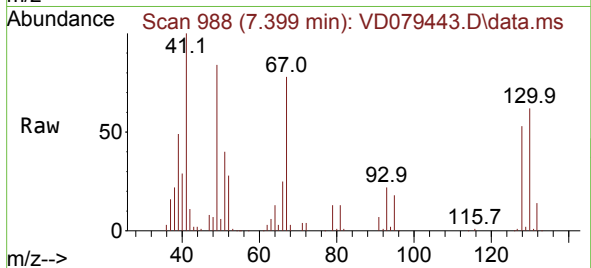




#41
Methacrylonitrile
Concen: 179.460 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

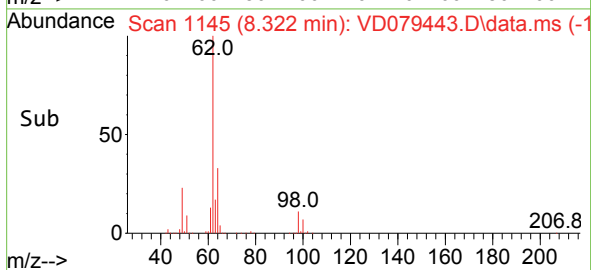
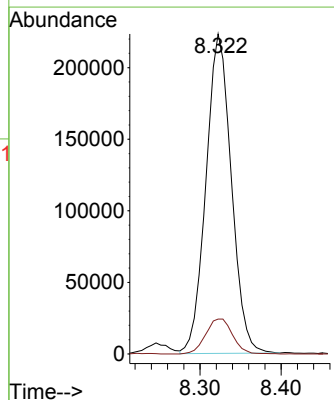
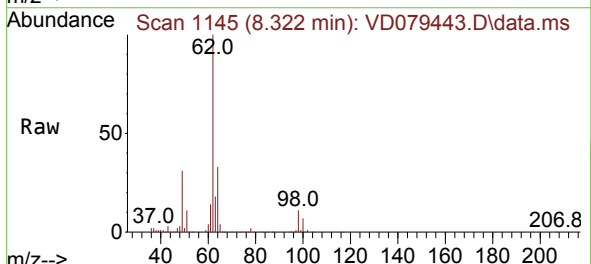
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

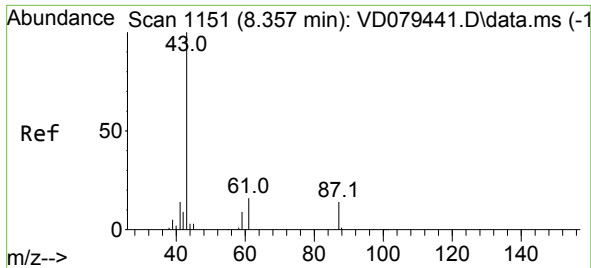
Tgt Ion: 41 Resp: 166099
Ion Ratio Lower Upper
41 100
39 50.3 41.4 62.0
67 80.6 85.8 128.6#
52 30.7 30.4 45.6



#42
1,2-Dichloroethane
Concen: 155.911 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 62 Resp: 484286
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.8

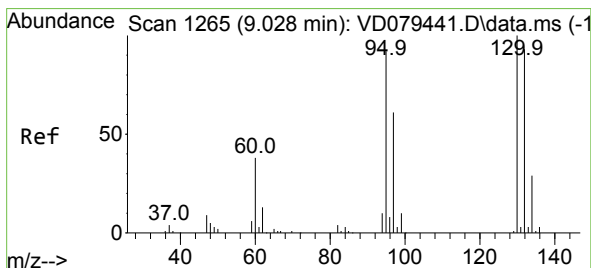
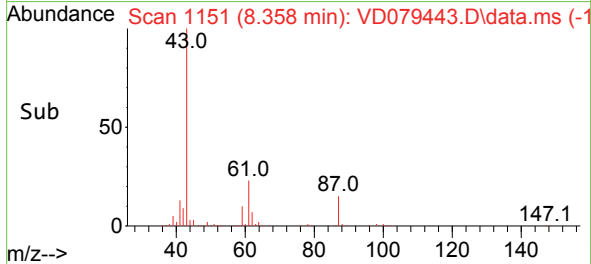
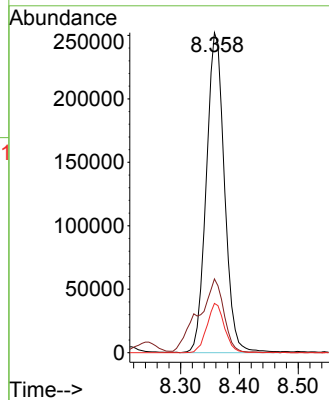
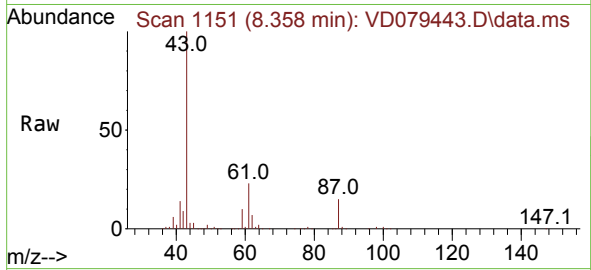




#43
Isopropyl Acetate
Concen: 170.555 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

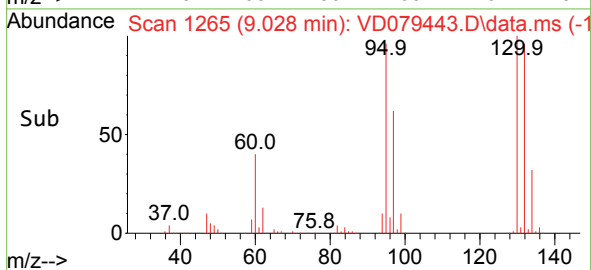
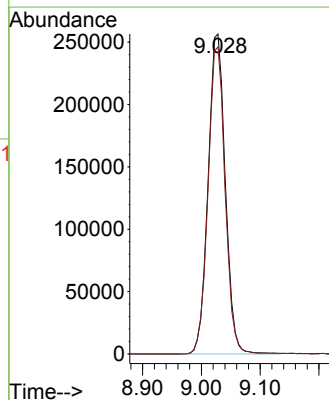
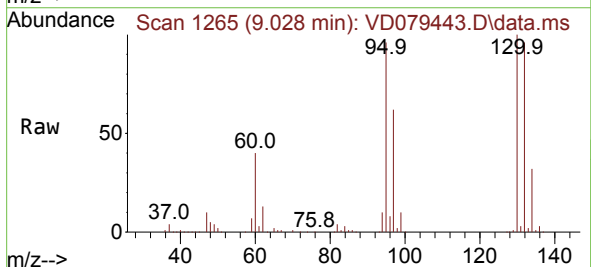
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

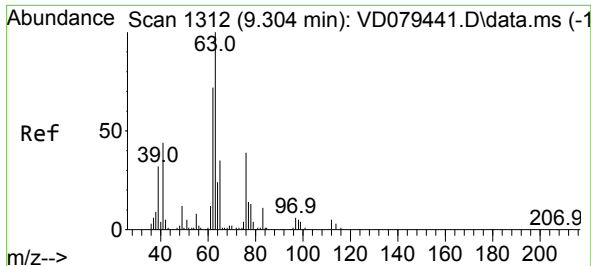
Tgt Ion: 43 Resp: 539361
Ion Ratio Lower Upper
43 100
61 32.0 29.3 43.9
87 14.9 14.9 22.3



#44
Trichloroethene
Concen: 160.460 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:130 Resp: 520666
Ion Ratio Lower Upper
130 100
95 96.0 0.0 177.8





#45

1,2-Dichloropropane

Concen: 162.330 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

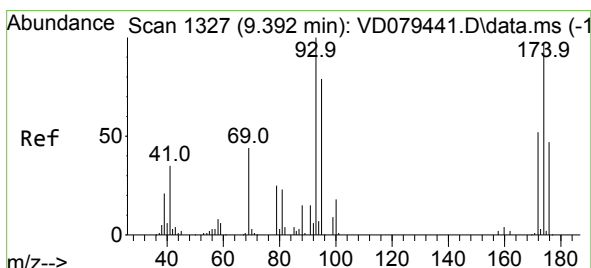
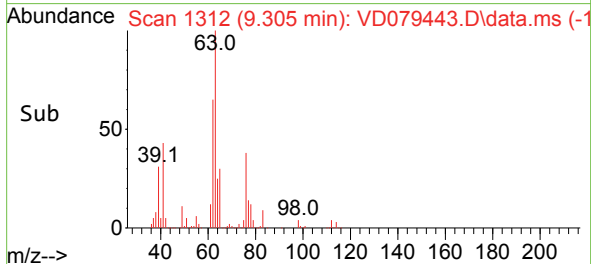
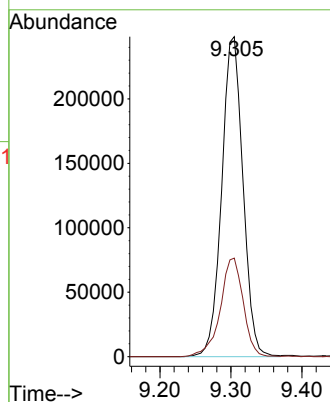
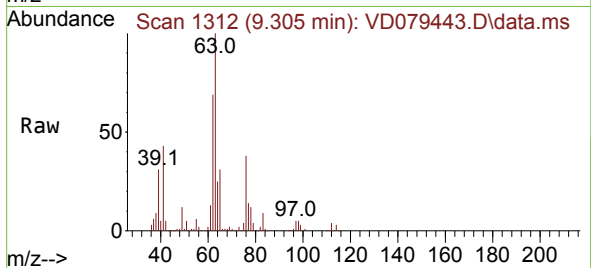
VSTDIC150

Tgt Ion: 63 Resp: 514935

Ion Ratio Lower Upper

63 100

65 30.8 23.8 35.8



#46

Dibromomethane

Concen: 159.582 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

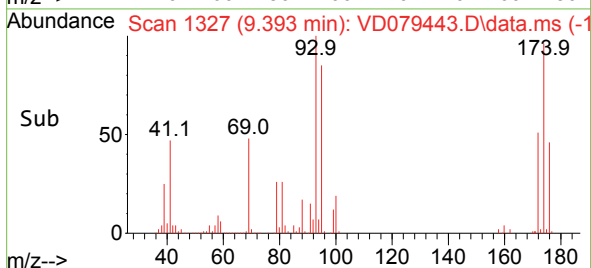
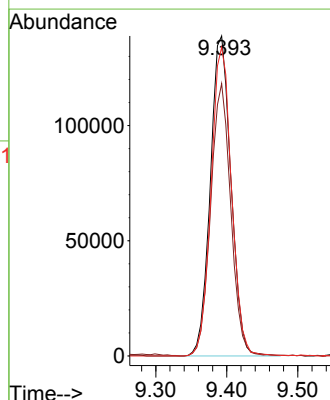
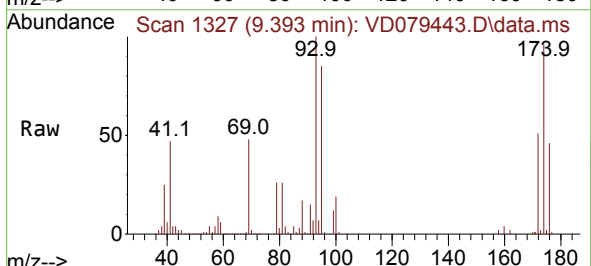
Tgt Ion: 93 Resp: 280633

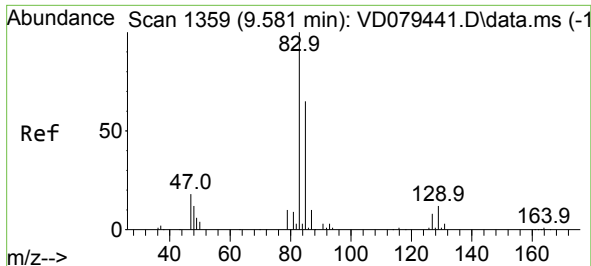
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 95.6 82.3 123.5

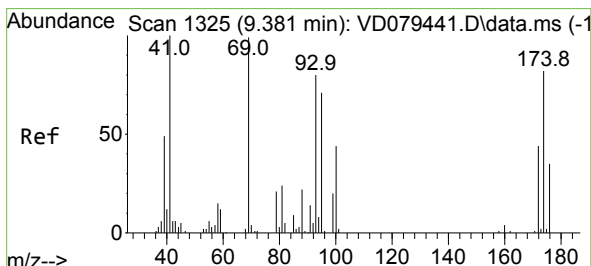
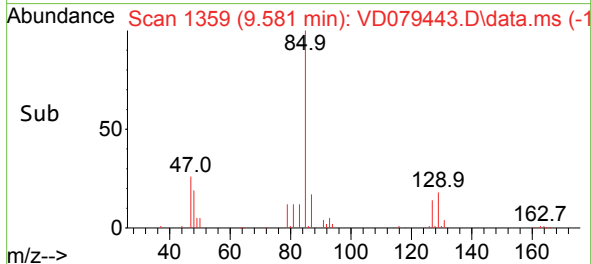
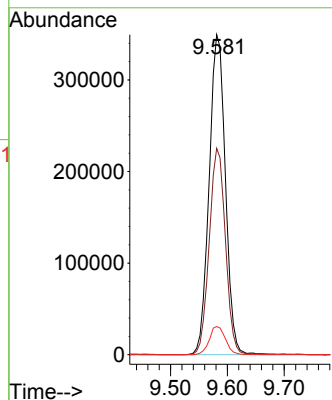
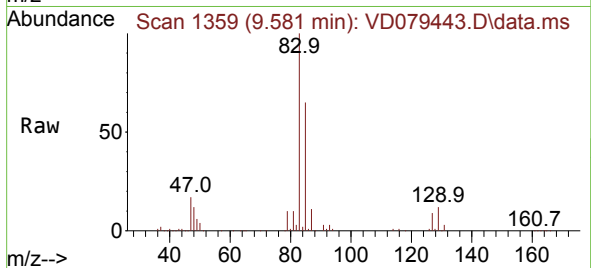




#47
Bromodichloromethane
Concen: 160.850 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

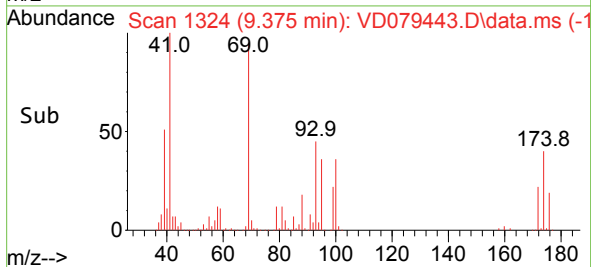
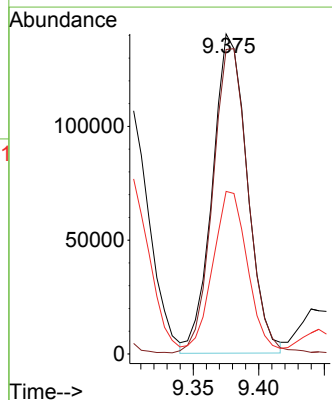
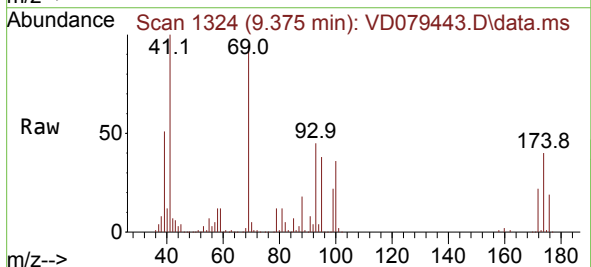
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

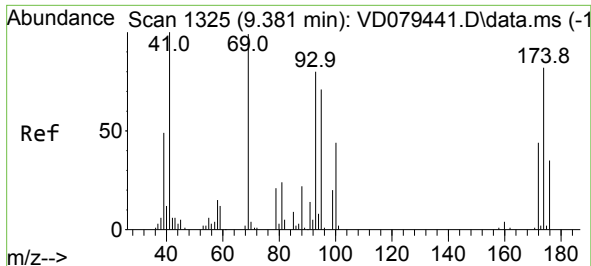
Tgt Ion: 83 Resp: 694552
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 183.070 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 41 Resp: 259092
Ion Ratio Lower Upper
41 100
69 97.8 96.7 145.1
39 47.7 43.8 65.6





#49

1,4-Dioxane

Concen: 3470.974 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

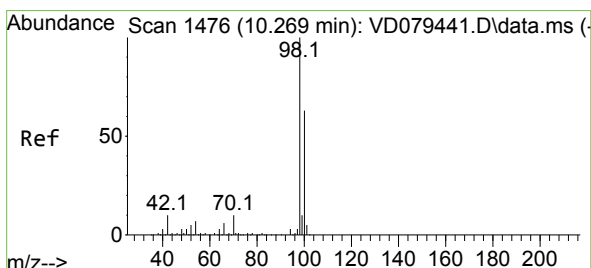
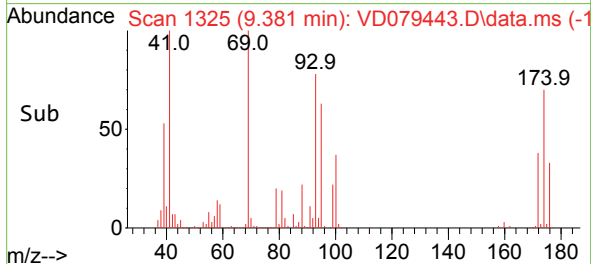
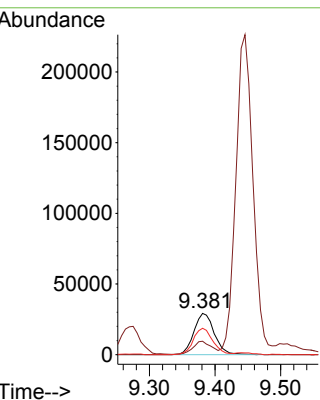
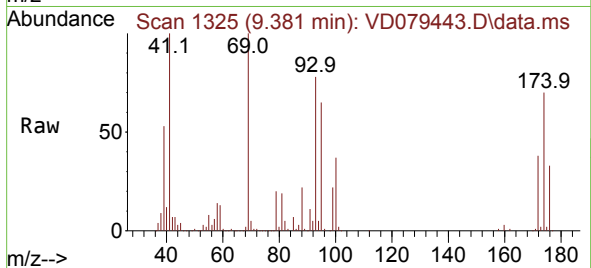
Tgt Ion: 88 Resp: 63248

Ion Ratio Lower Upper

88 100

43 28.5 21.5 32.3

58 61.3 42.2 63.4



#50

Toluene-d8

Concen: 162.764 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.005 min

Lab File: VD079443.D

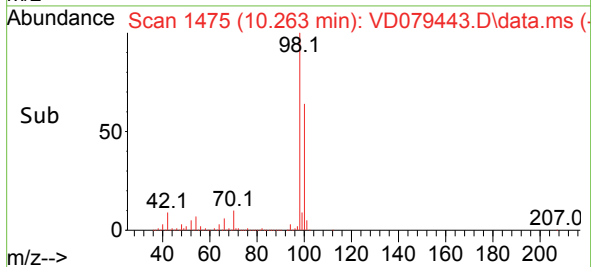
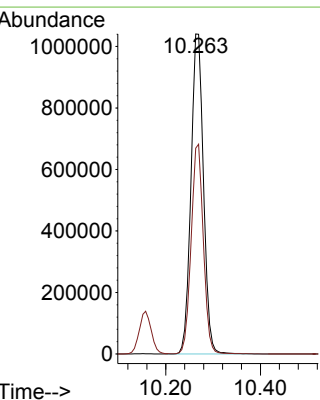
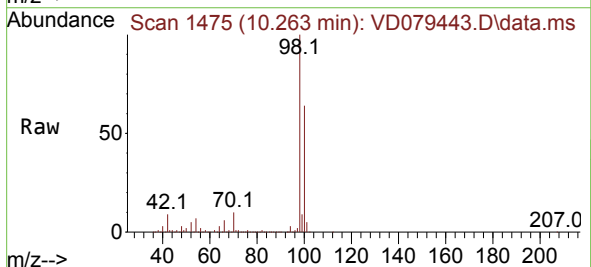
Acq: 29 Jul 2024 18:34

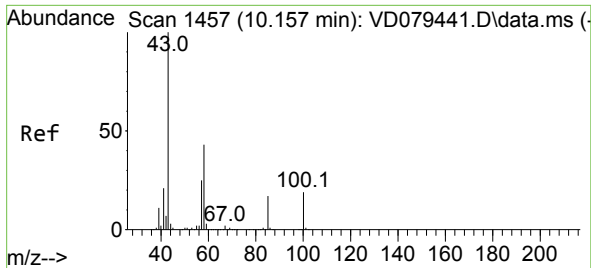
Tgt Ion: 98 Resp: 1900518

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4

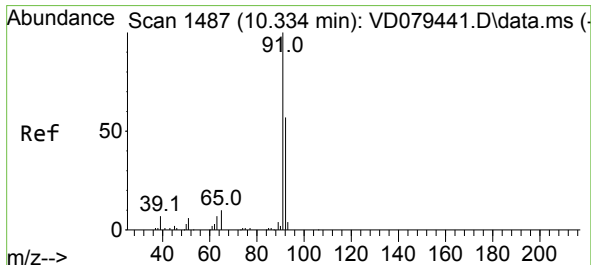
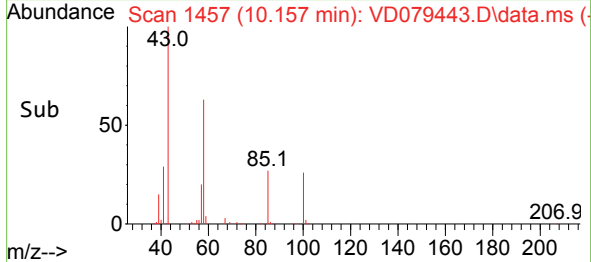
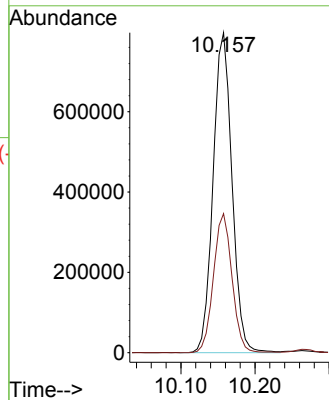
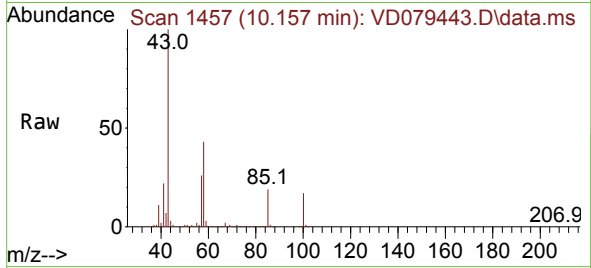




#51
4-Methyl-2-Pentanone
Concen: 872.176 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

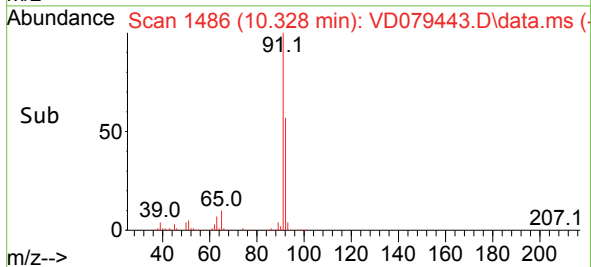
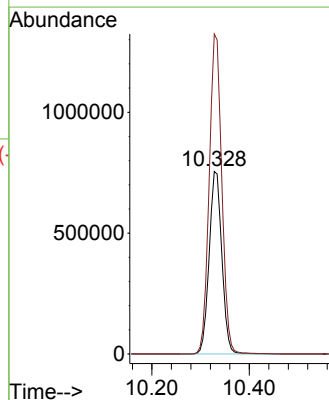
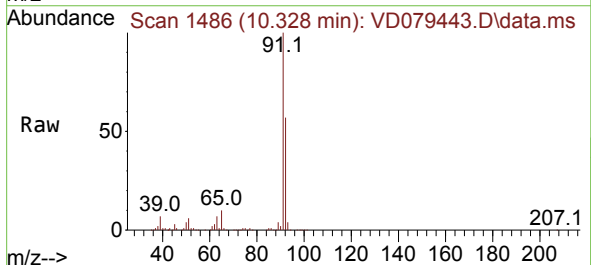
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

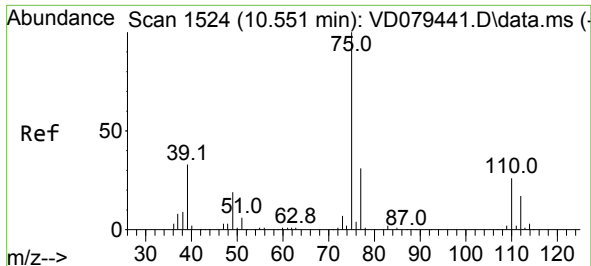
Tgt Ion: 43 Resp: 1408170
Ion Ratio Lower Upper
43 100
58 42.8 36.6 55.0



#52
Toluene
Concen: 168.039 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.005 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 92 Resp: 1354671
Ion Ratio Lower Upper
92 100
91 174.9 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 170.020 ug/l

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

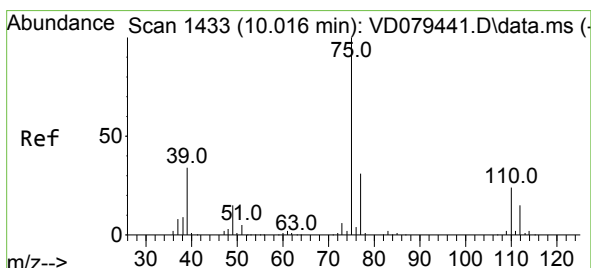
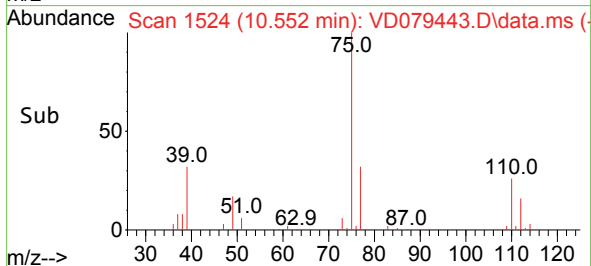
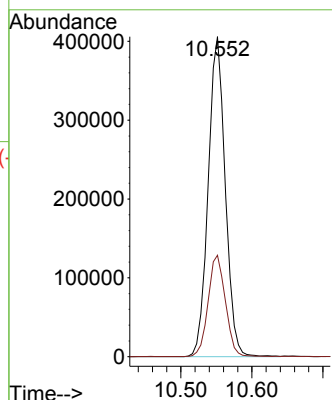
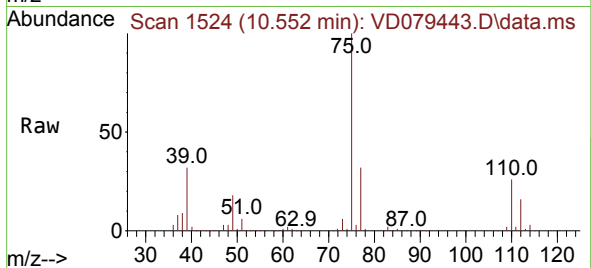
VSTDIC150

Tgt Ion: 75 Resp: 677966

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 168.654 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

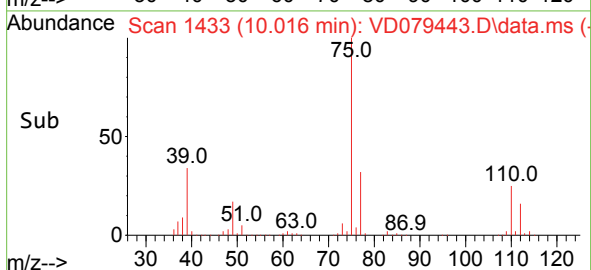
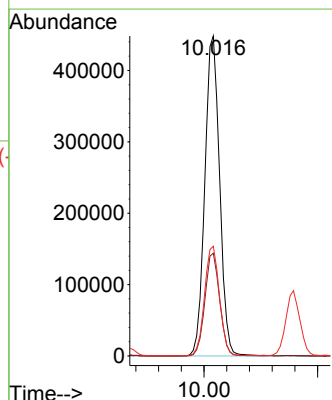
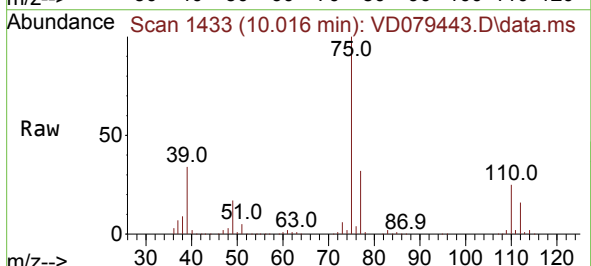
Tgt Ion: 75 Resp: 808945

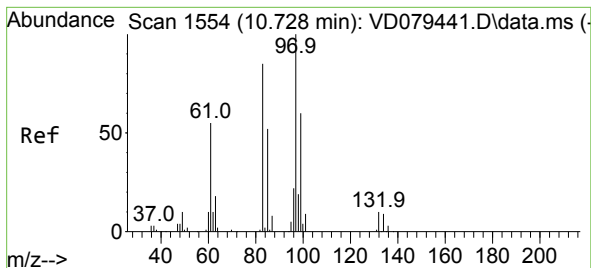
Ion Ratio Lower Upper

75 100

77 32.1 24.4 36.6

39 34.3 24.2 36.2

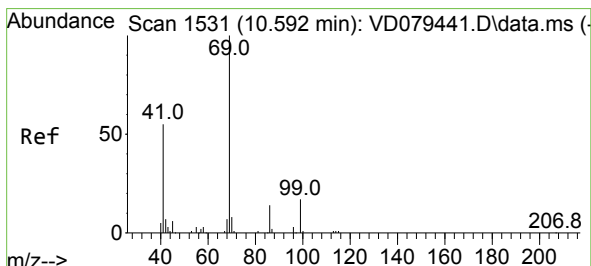
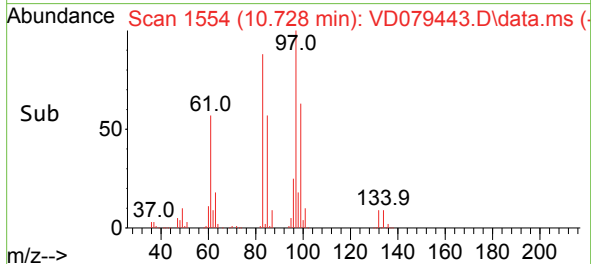
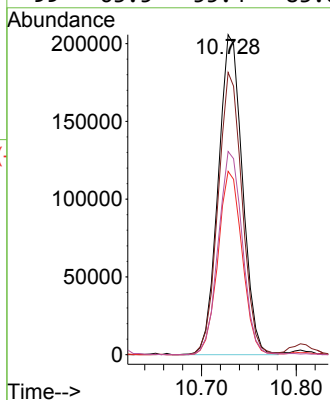
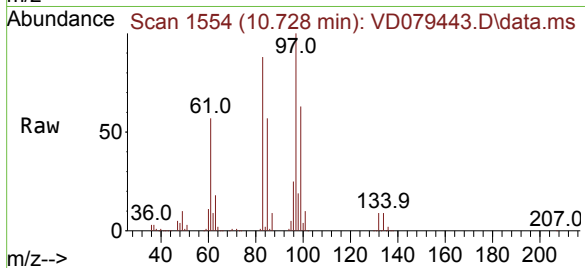




#55
1,1,2-Trichloroethane
Concen: 158.185 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

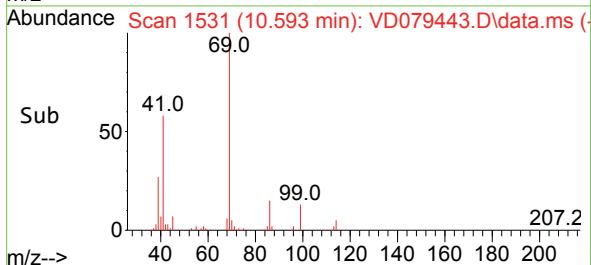
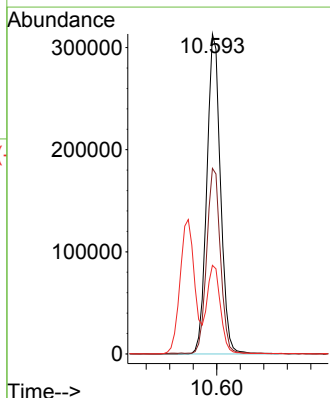
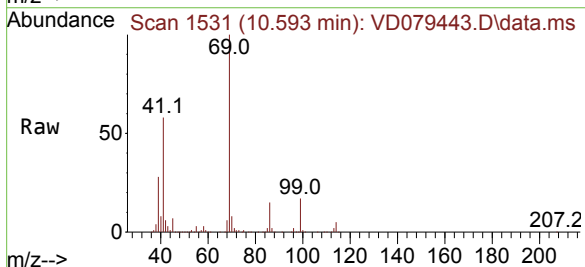
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

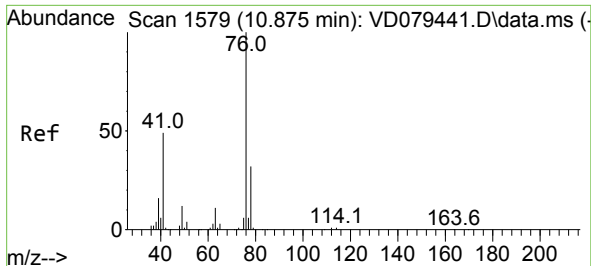
Tgt Ion:	97	Resp:	366441
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.8	98.8
85	57.3	43.8	65.8
99	63.5	55.4	83.0



#56
Ethyl methacrylate
Concen: 184.860 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:	69	Resp:	507409
Ion	Ratio	Lower	Upper
69	100		
41	58.3	39.8	59.6
39	26.7	20.2	30.4

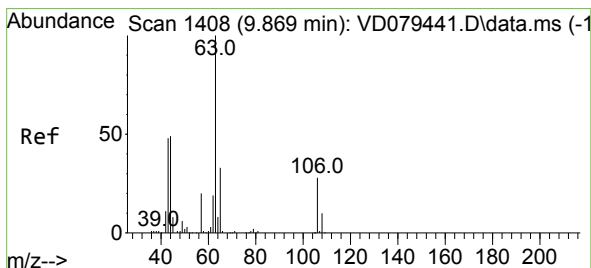
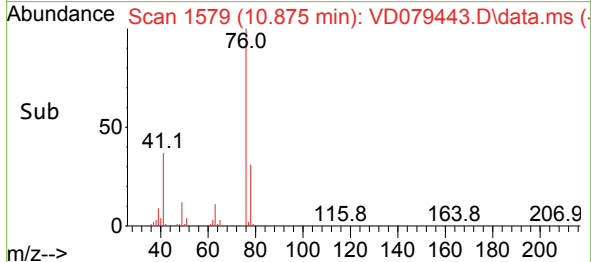
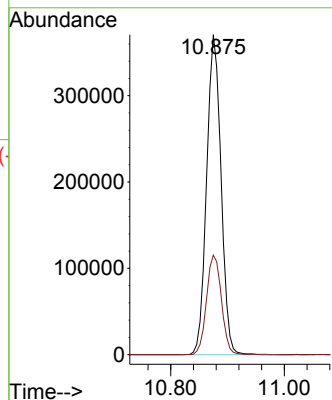
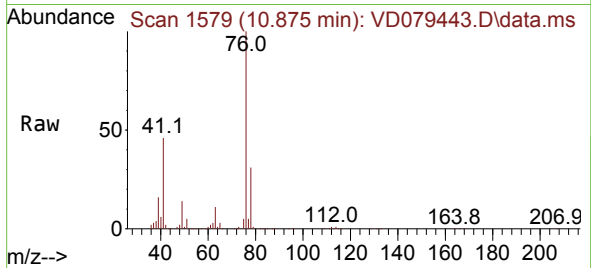




#57
1,3-Dichloropropane
Concen: 165.258 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

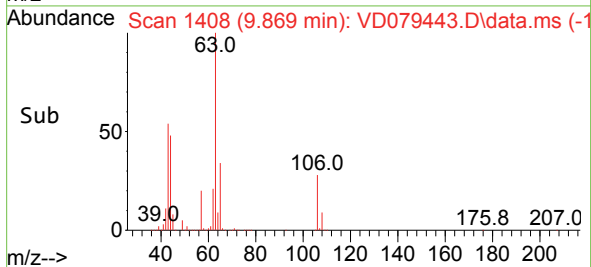
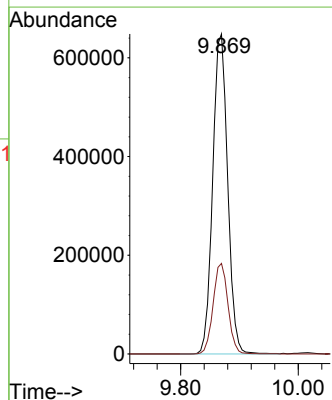
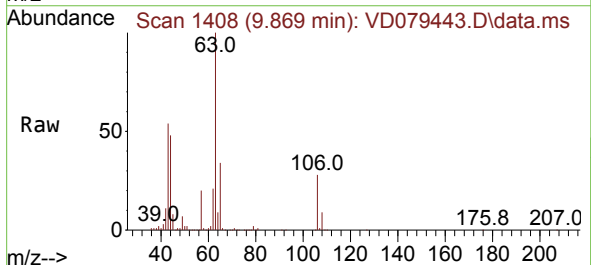
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

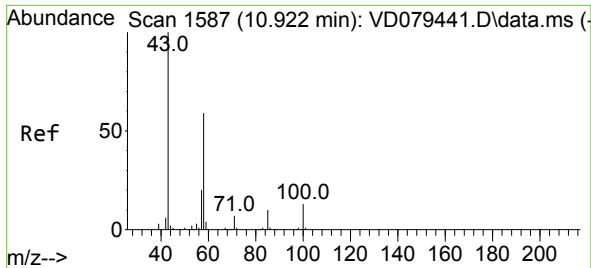
Tgt Ion: 76 Resp: 650534
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 902.891 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 63 Resp: 1142912
Ion Ratio Lower Upper
63 100
106 28.2 26.4 39.6

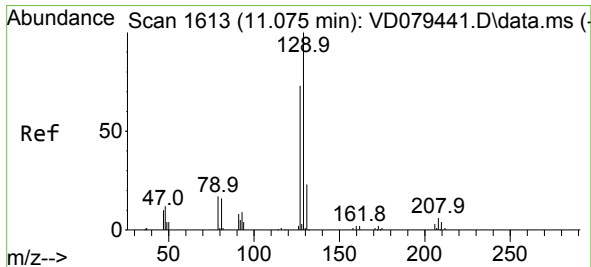
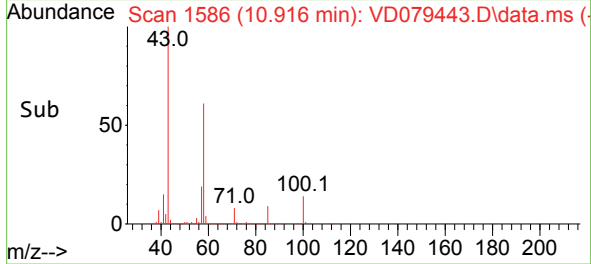
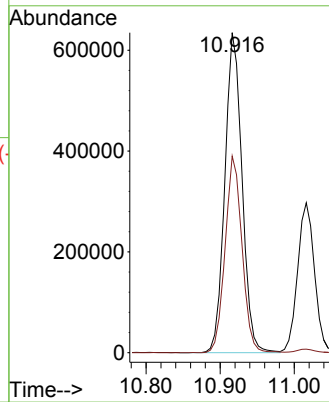
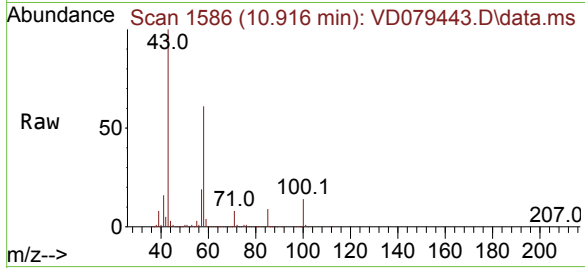




#59
2-Hexanone
Concen: 908.247 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

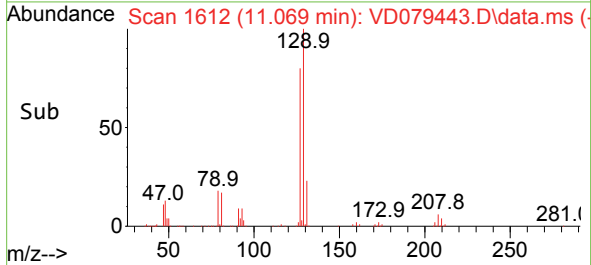
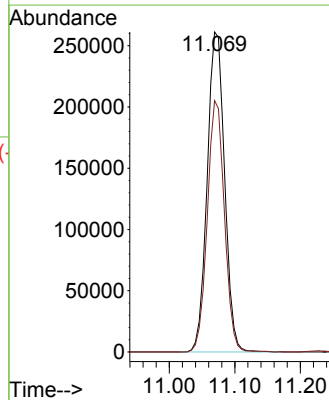
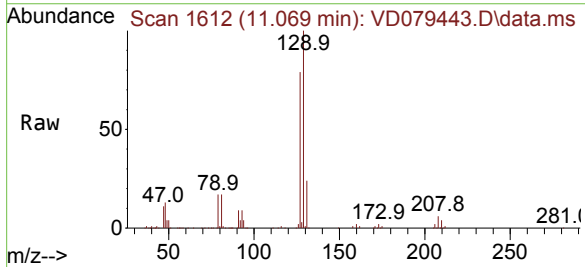
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

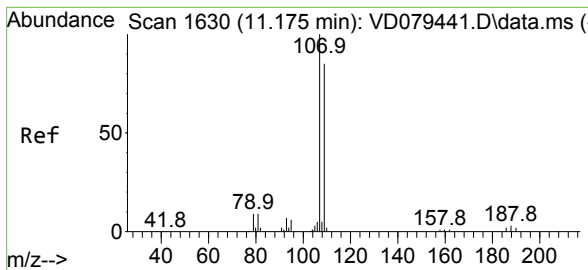
Tgt Ion: 43 Resp: 1022708
Ion Ratio Lower Upper
43 100
58 60.4 31.1 93.5



#60
Dibromochloromethane
Concen: 159.509 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 129 Resp: 482705
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9

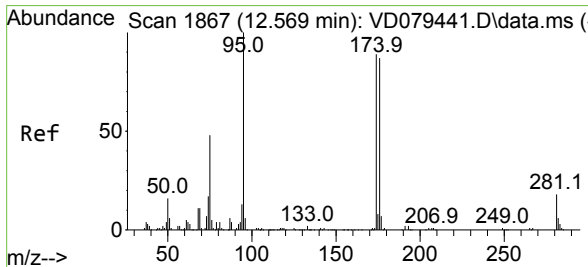
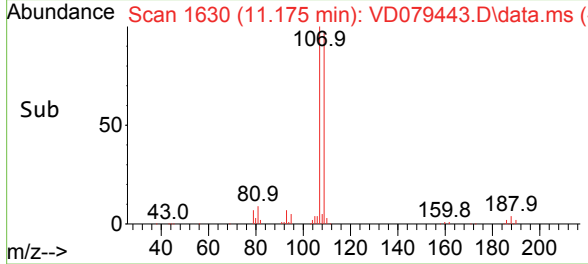
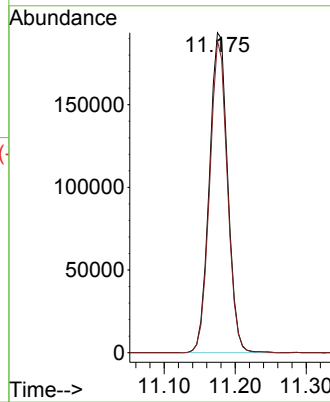
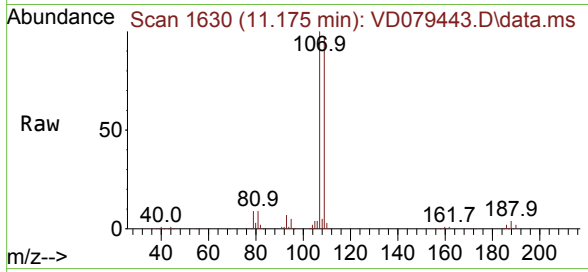




#61
1,2-Dibromoethane
Concen: 159.849 ug/l
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

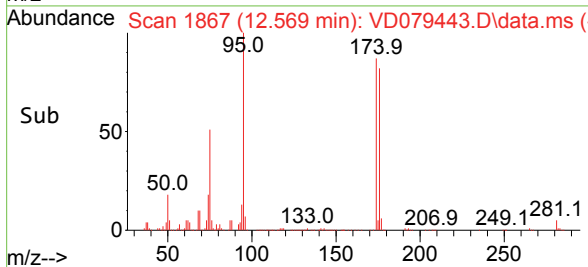
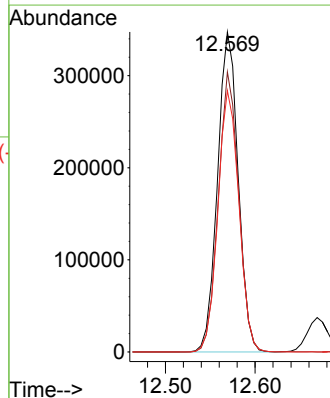
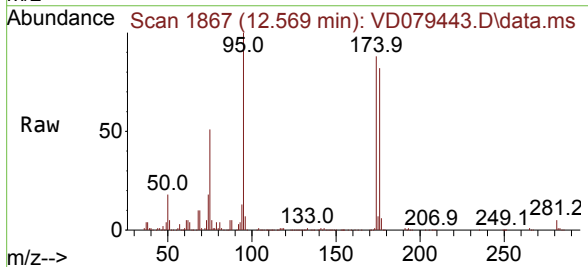
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

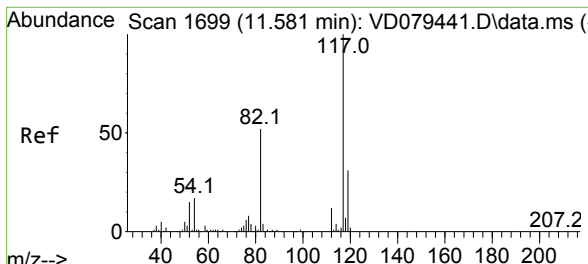
Tgt Ion:107 Resp: 346907
Ion Ratio Lower Upper
107 100
109 94.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 164.123 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 95 Resp: 554563
Ion Ratio Lower Upper
95 100
174 86.3 0.0 195.4
176 83.2 0.0 192.6

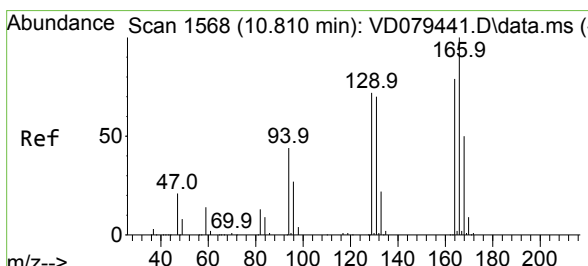
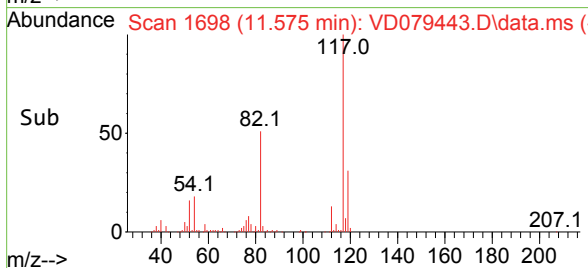
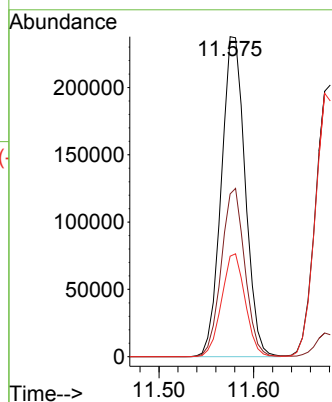
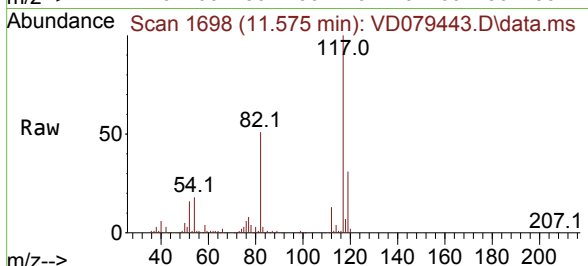




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

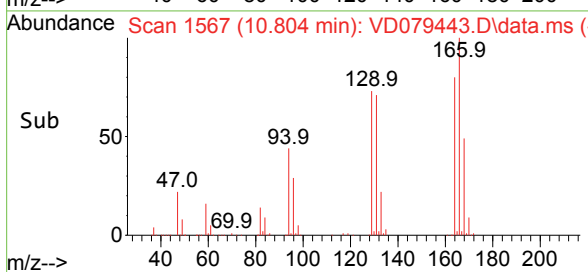
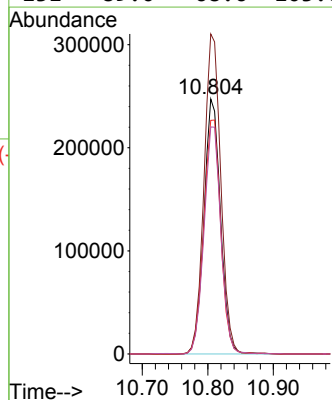
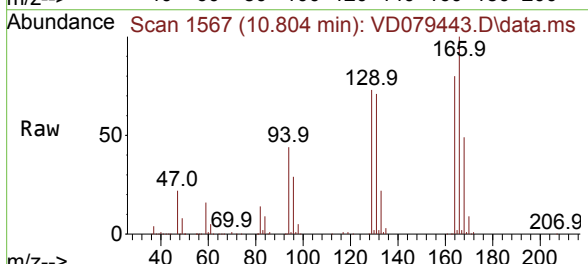
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

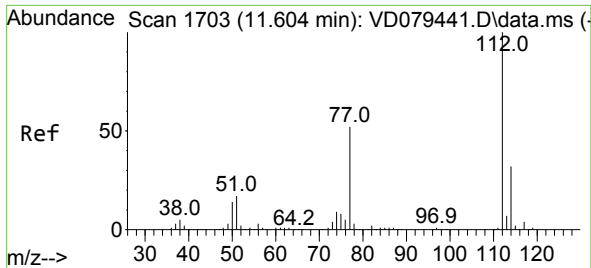
Tgt Ion:117 Resp: 416992
Ion Ratio Lower Upper
117 100
82 50.8 39.8 59.6
119 31.4 25.7 38.5



#64
Tetrachloroethene
Concen: 154.738 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:164 Resp: 435090
Ion Ratio Lower Upper
164 100
166 125.5 108.6 163.0
129 91.6 74.6 112.0
131 89.0 68.6 103.0

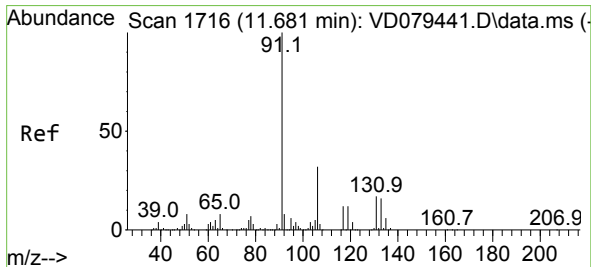
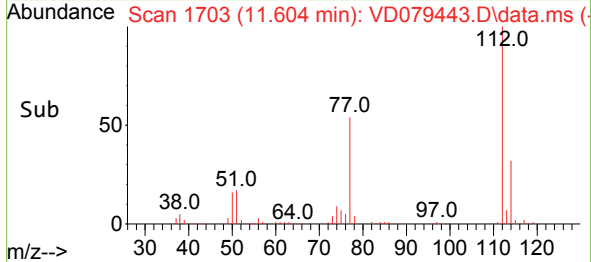
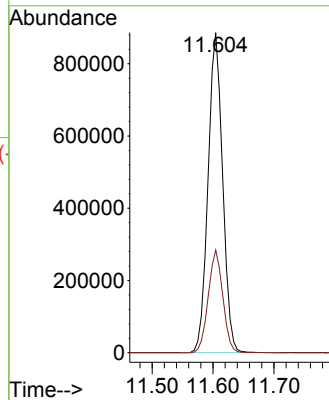
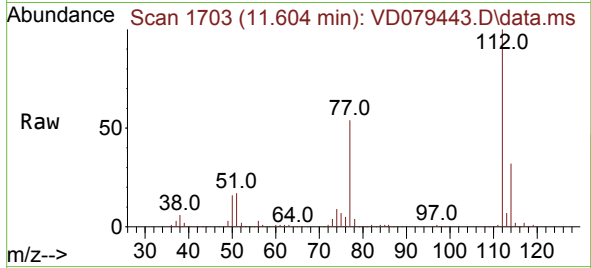




#65
Chlorobenzene
Concen: 159.372 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

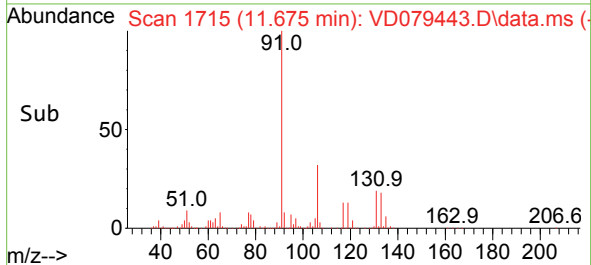
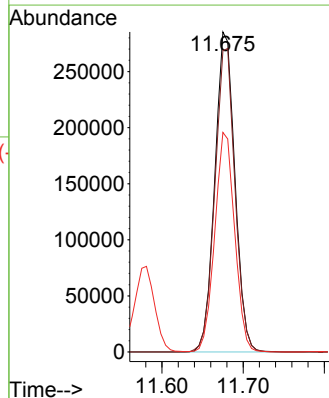
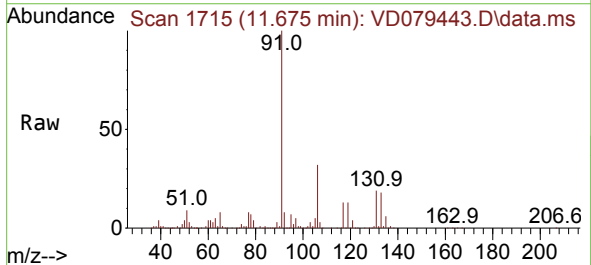
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

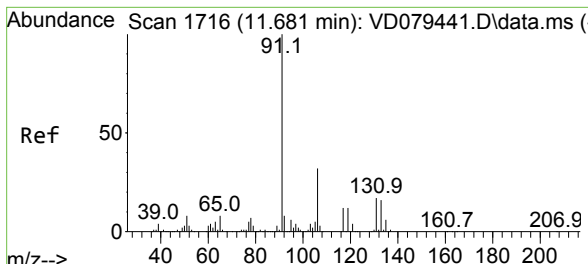
Tgt Ion:112 Resp: 1471603
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 161.514 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:131 Resp: 490684
Ion Ratio Lower Upper
131 100
133 95.2 49.2 147.6
119 68.1 33.4 100.2

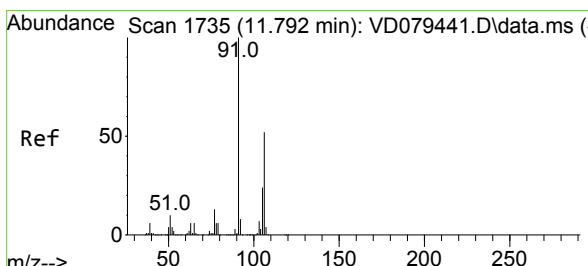
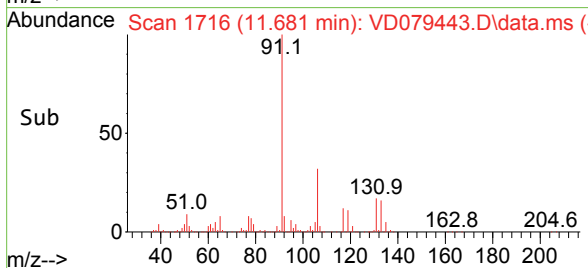
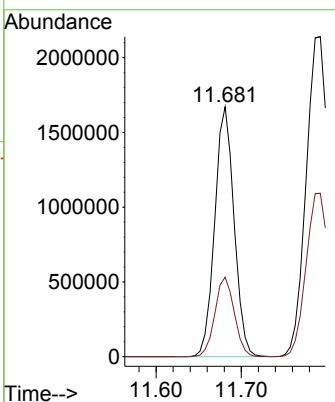
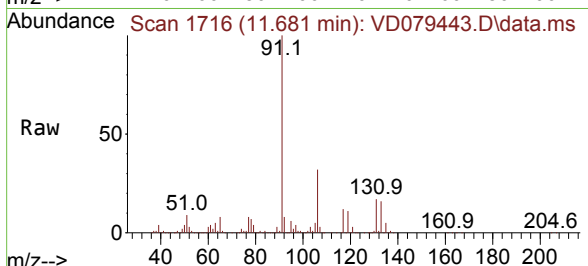




#67
 Ethyl Benzene
 Concen: 174.135 ug/l
 RT: 11.681 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

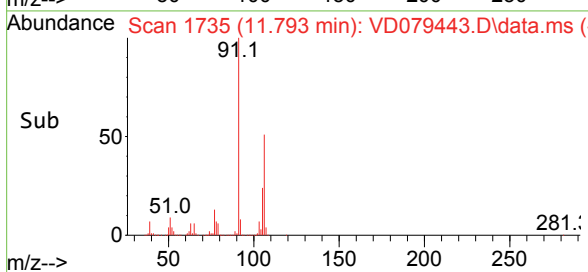
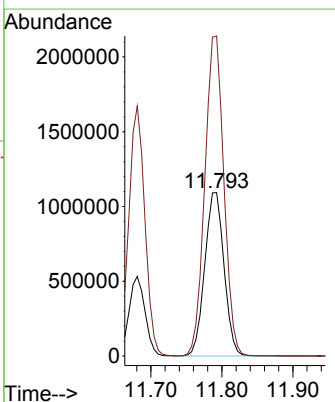
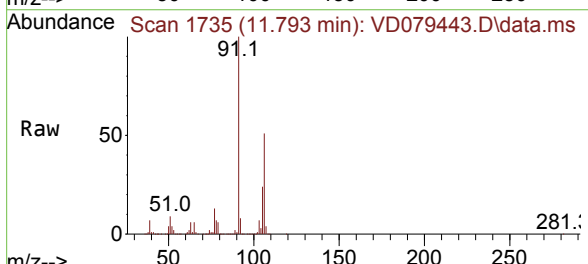
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

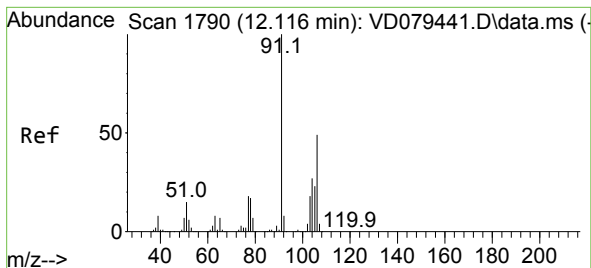
Tgt Ion: 91 Resp: 2632278
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.8 38.6



#68
 m/p-Xylenes
 Concen: 343.631 ug/l
 RT: 11.793 min Scan# 1735
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Tgt Ion:106 Resp: 2060812
 Ion Ratio Lower Upper
 106 100
 91 194.0 148.5 222.7

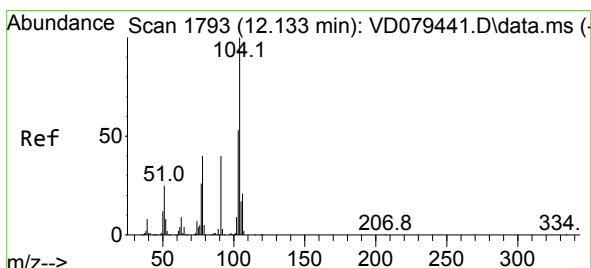
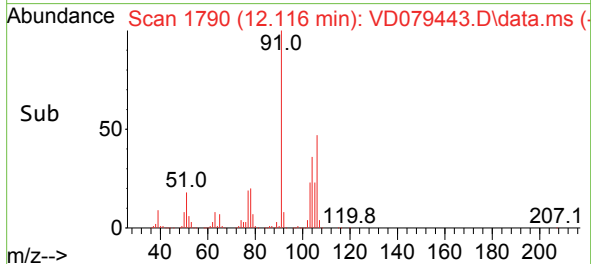
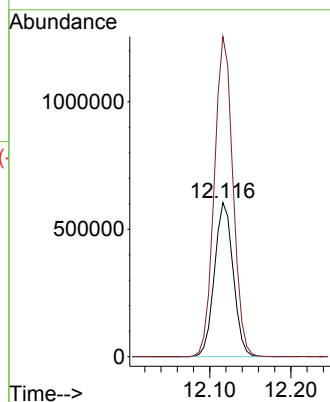
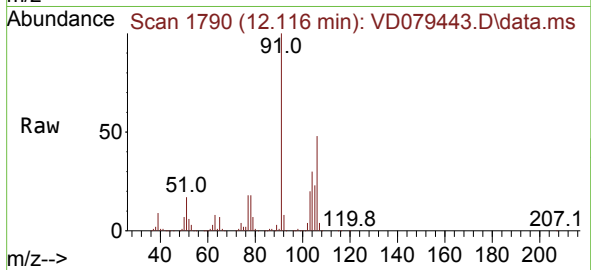




#69
o-Xylene
Concen: 176.220 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

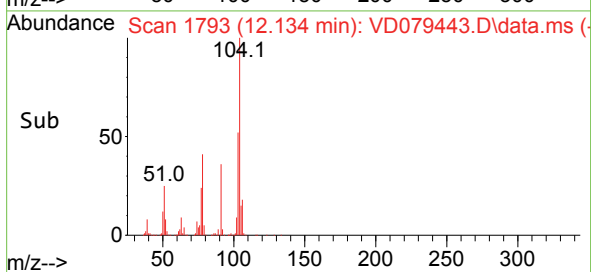
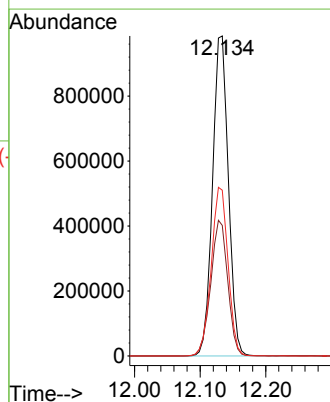
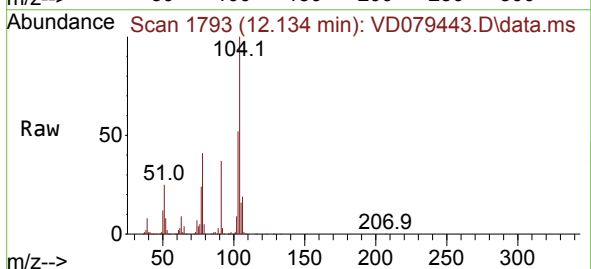
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

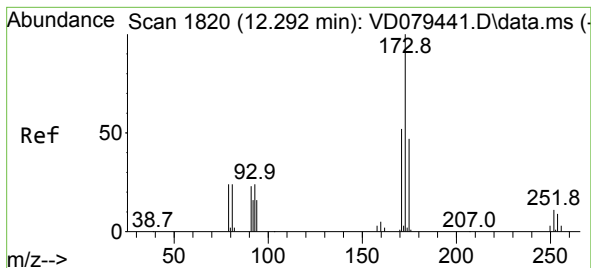
Tgt Ion:106 Resp: 968683
Ion Ratio Lower Upper
106 100
91 206.7 96.7 290.1



#70
Styrene
Concen: 171.204 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:104 Resp: 1649937
Ion Ratio Lower Upper
104 100
78 45.6 33.0 49.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 151.391 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

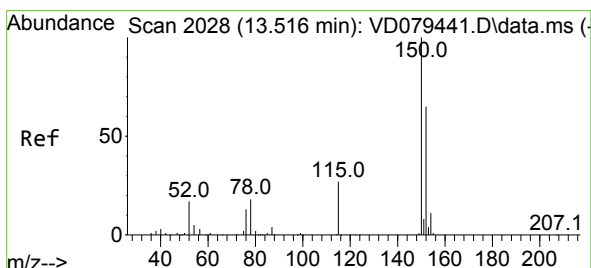
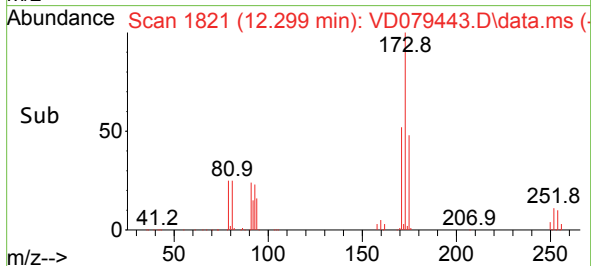
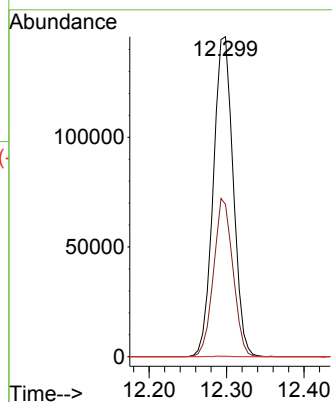
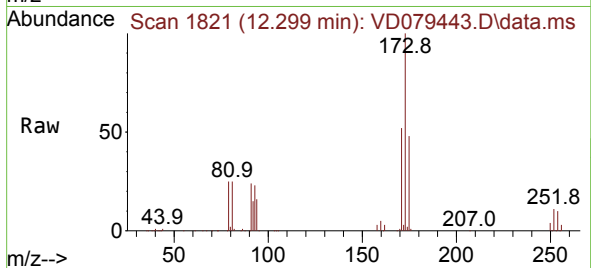
Tgt Ion:173 Resp: 260009

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

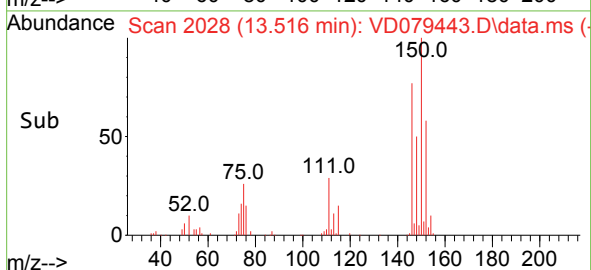
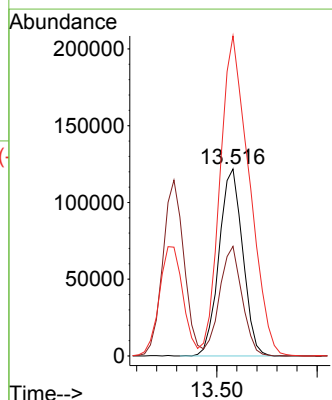
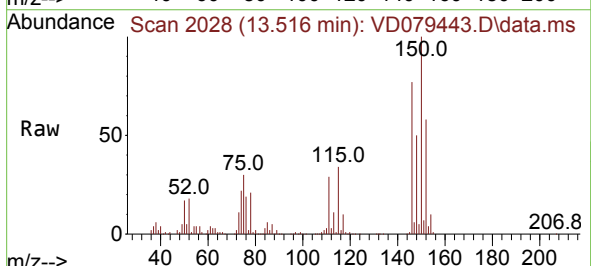
Tgt Ion:152 Resp: 199338

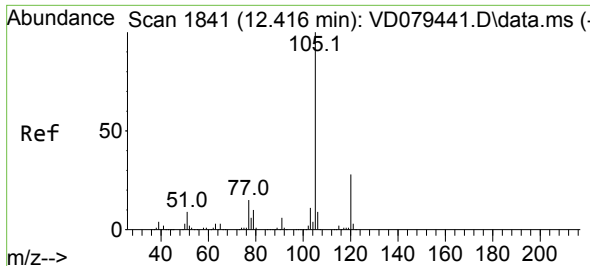
Ion Ratio Lower Upper

152 100

115 55.7 26.5 79.5

150 211.6 0.0 341.6

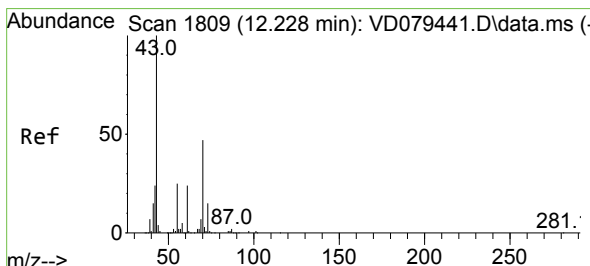
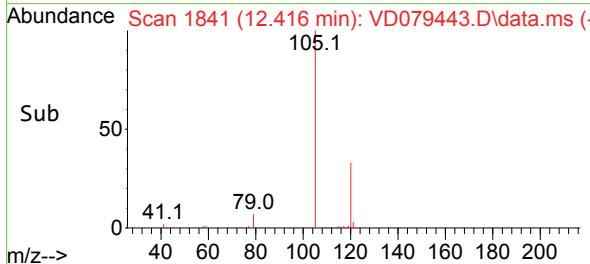
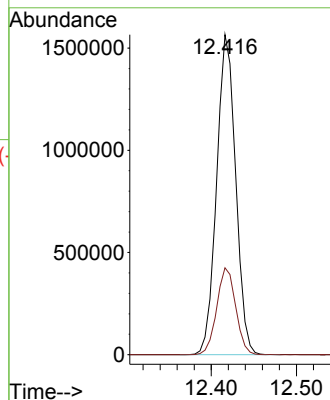
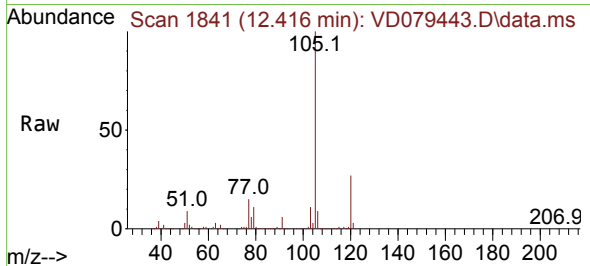




#73
Isopropylbenzene
Concen: 154.748 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

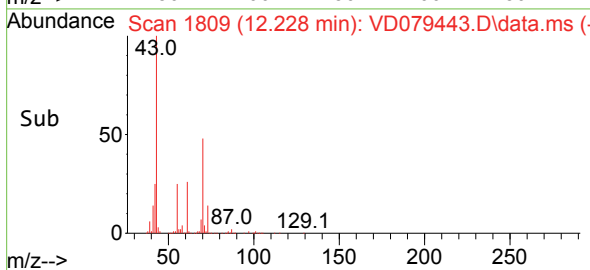
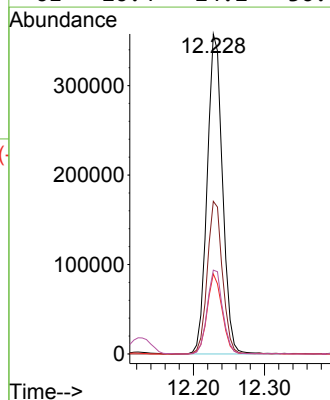
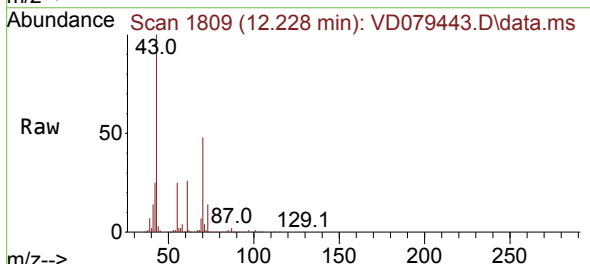
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

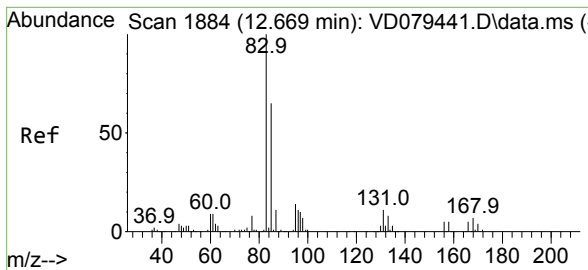
Tgt Ion:105 Resp: 2432672
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 183.476 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 43 Resp: 537935
Ion Ratio Lower Upper
43 100
70 47.0 44.3 66.5
55 24.4 23.2 34.8
61 26.4 24.2 36.4

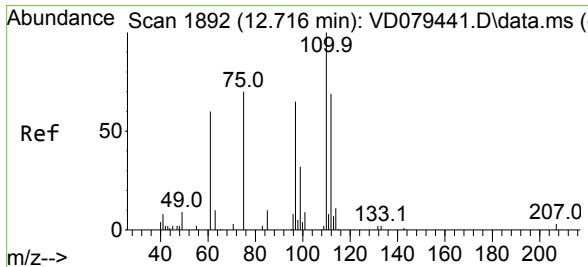
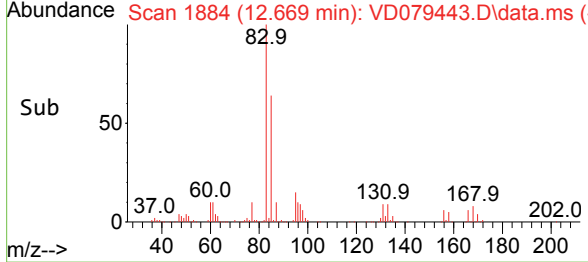
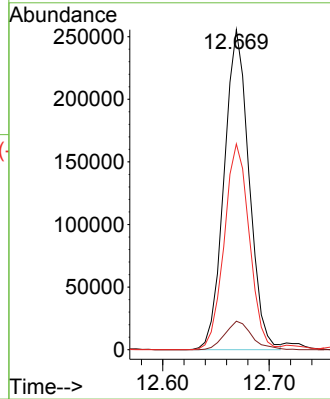
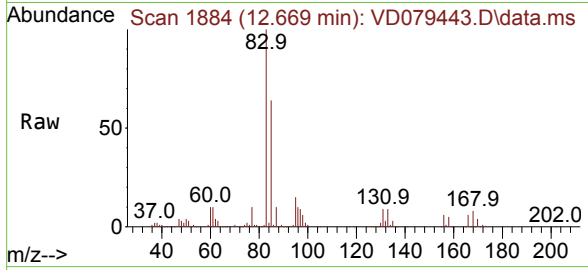




#75
 1,1,2,2-Tetrachloroethane
 Concen: 160.351 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

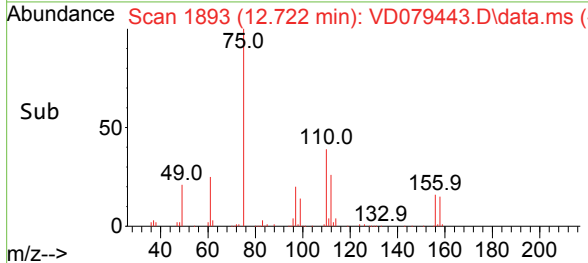
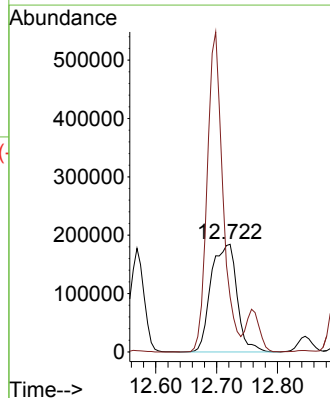
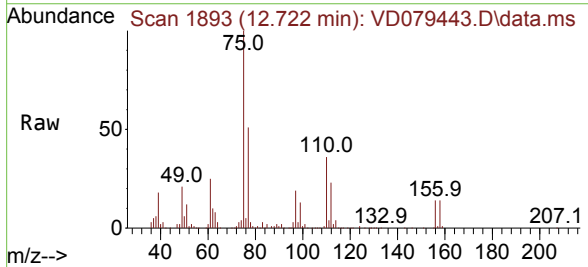
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

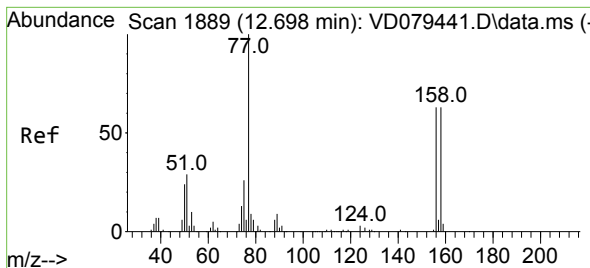
Tgt Ion: 83 Resp: 415243
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.5 16.5
 85 64.8 33.8 101.3



#76
 1,2,3-Trichloropropane
 Concen: 312.073 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Tgt Ion: 75 Resp: 545767
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 165.506 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

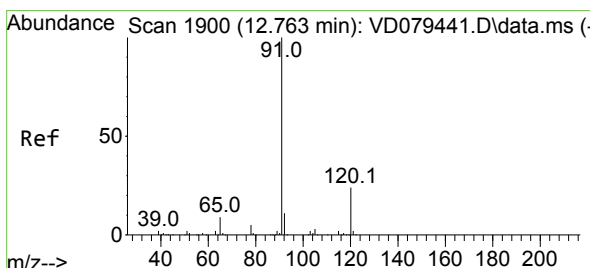
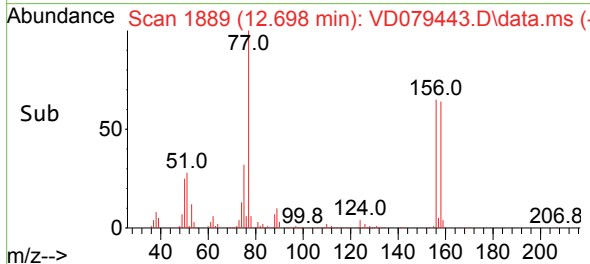
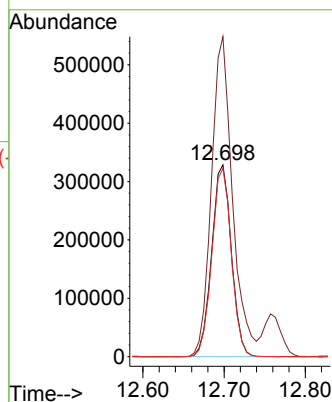
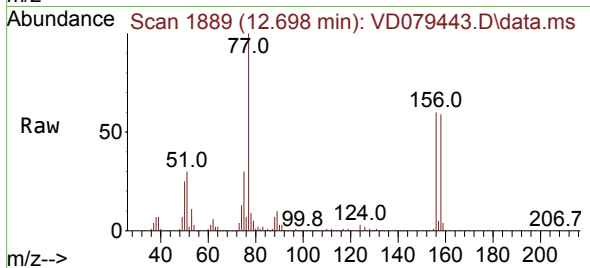
Tgt Ion:156 Resp: 553195

Ion Ratio Lower Upper

156 100

77 178.3 77.3 231.9

158 97.1 49.6 149.0



#78

n-propylbenzene

Concen: 175.496 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.005 min

Lab File: VD079443.D

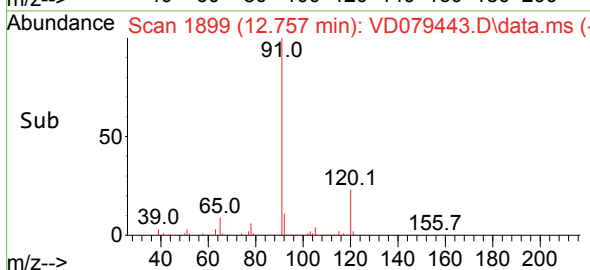
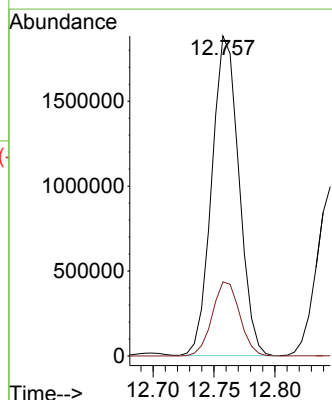
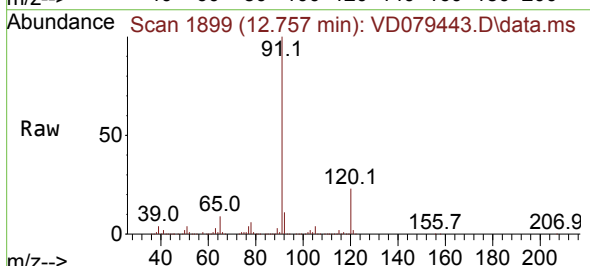
Acq: 29 Jul 2024 18:34

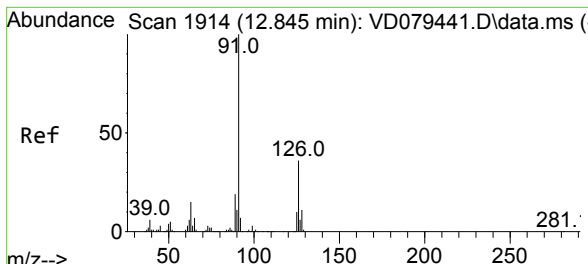
Tgt Ion: 91 Resp: 2924241

Ion Ratio Lower Upper

91 100

120 23.4 12.3 36.8



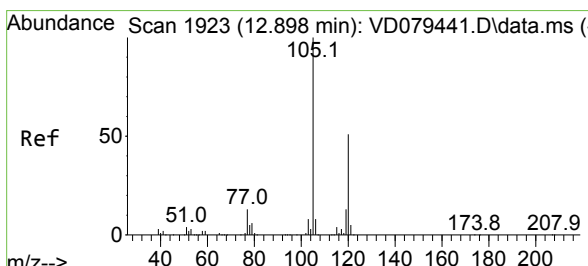
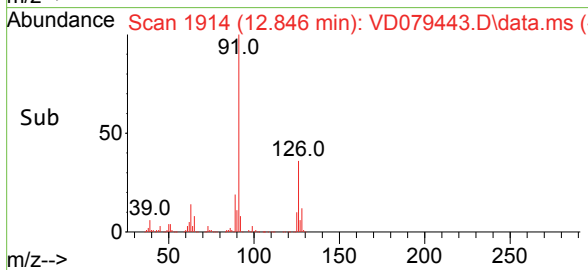
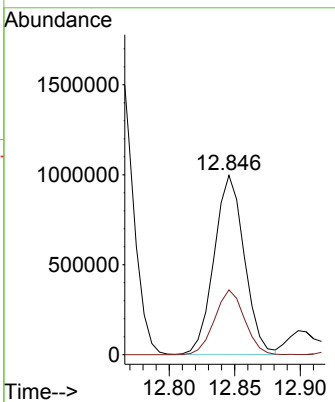
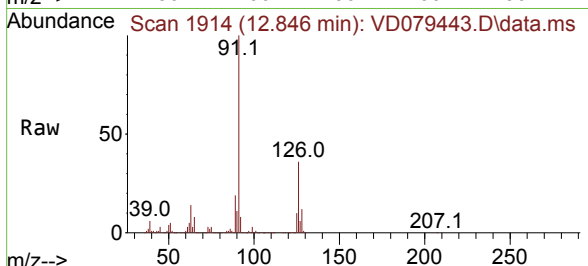


#79
 2-Chlorotoluene
 Concen: 172.380 ug/l
 RT: 12.846 min Scan# 1914
 Delta R.T. 0.001 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 91 Resp: 1599355

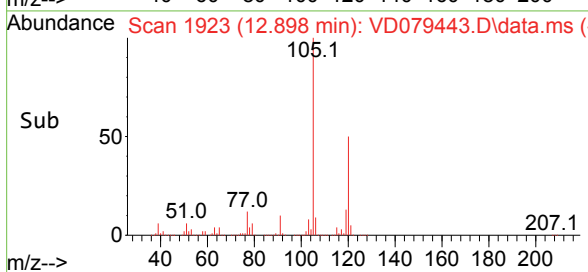
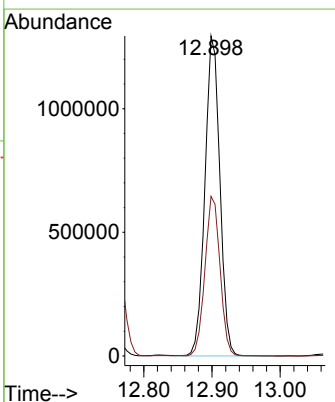
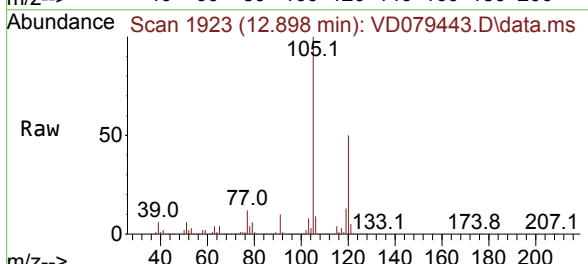
Ion	Ratio	Lower	Upper
91	100		
126	35.8	19.3	57.8

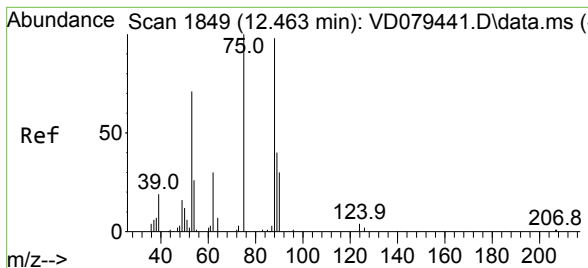


#80
 1,3,5-Trimethylbenzene
 Concen: 177.897 ug/l
 RT: 12.898 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Tgt Ion: 105 Resp: 1975362

Ion	Ratio	Lower	Upper
105	100		
120	50.5	25.7	77.1

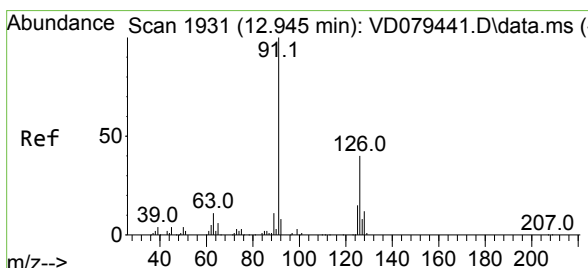
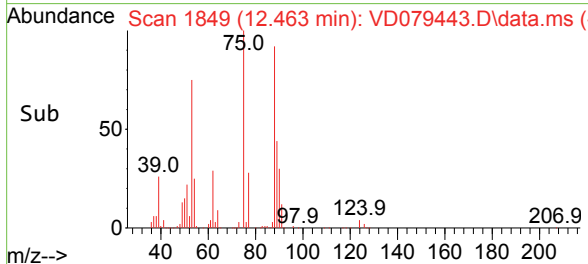
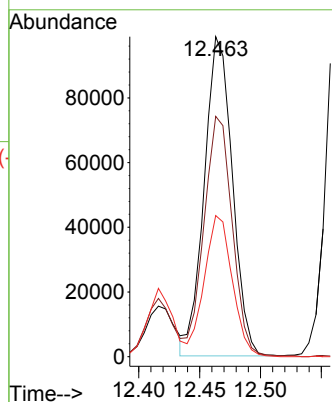
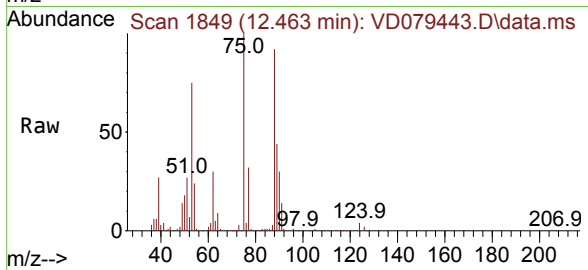




#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.409 ug/l
 RT: 12.463 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

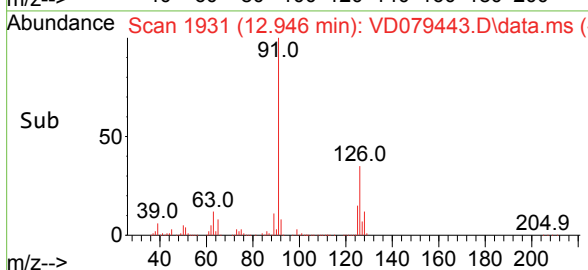
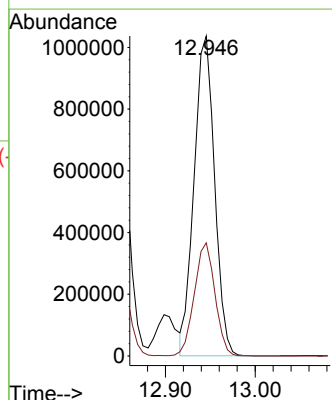
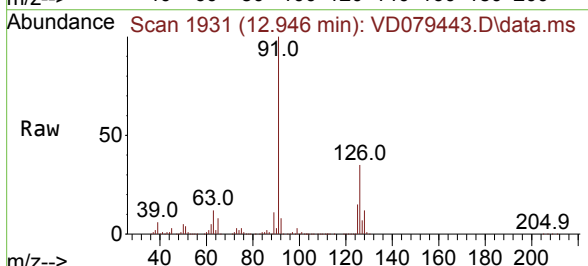
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

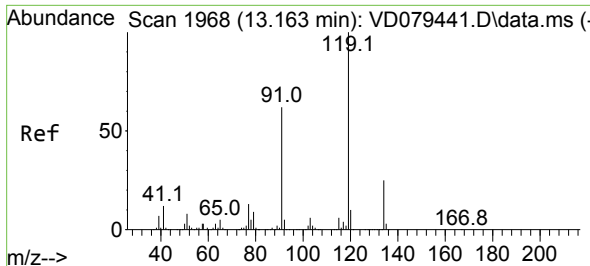
Tgt Ion: 75 Resp: 158420
 Ion Ratio Lower Upper
 75 100
 53 76.5 61.4 92.2
 89 43.9 35.4 53.0



#82
 4-Chlorotoluene
 Concen: 169.679 ug/l
 RT: 12.946 min Scan# 1931
 Delta R.T. 0.001 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Tgt Ion: 91 Resp: 1641173
 Ion Ratio Lower Upper
 91 100
 126 35.8 18.9 56.9

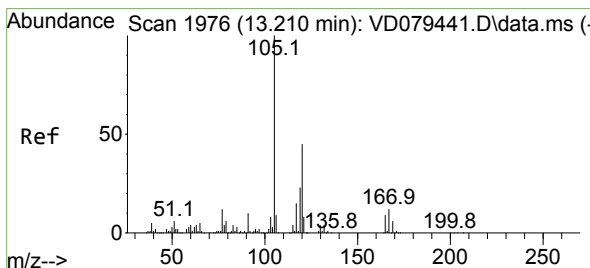
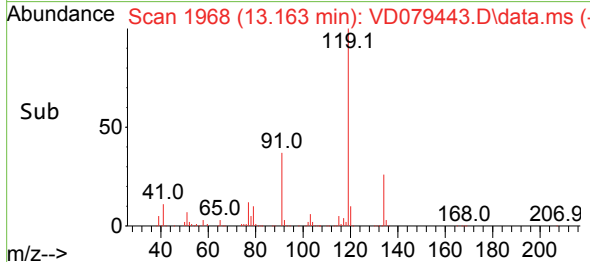
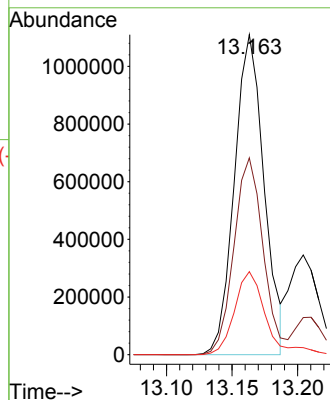
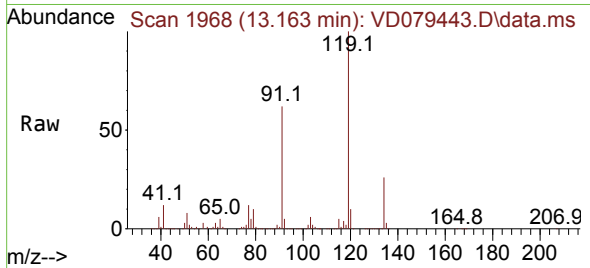




#83
tert-Butylbenzene
Concen: 154.347 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

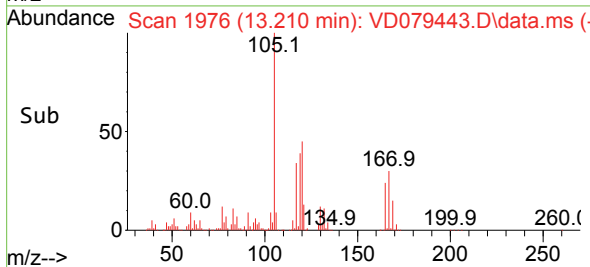
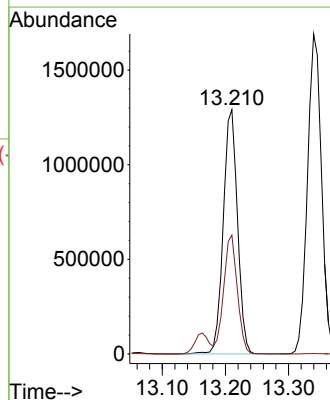
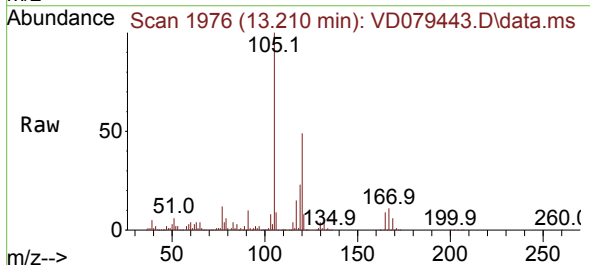
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

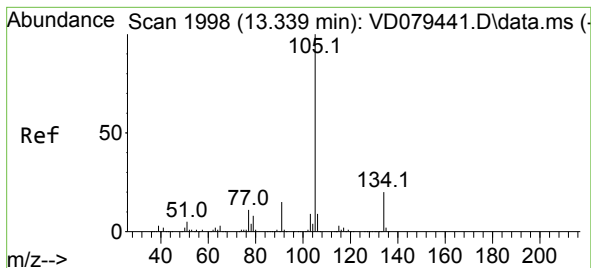
Tgt Ion:119 Resp: 1747927
Ion Ratio Lower Upper
119 100
91 61.1 28.2 84.7
134 27.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 154.433 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion:105 Resp: 2025359
Ion Ratio Lower Upper
105 100
120 46.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 176.483 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.001 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

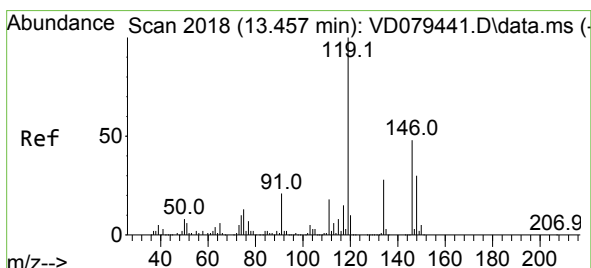
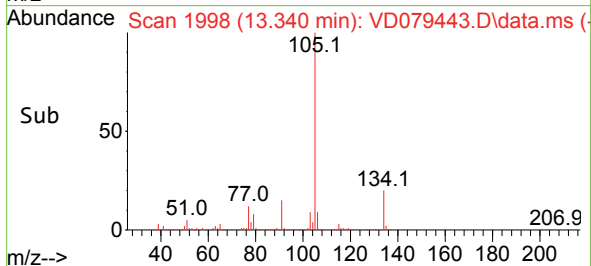
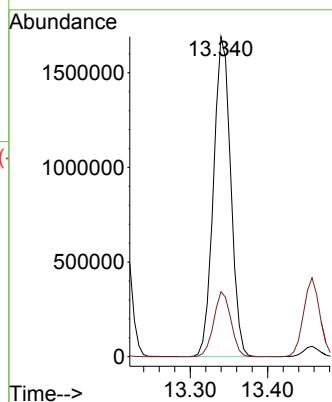
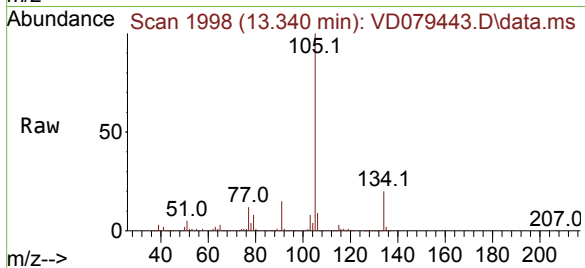
VSTDIC150

Tgt Ion:105 Resp: 2606530

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 154.572 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

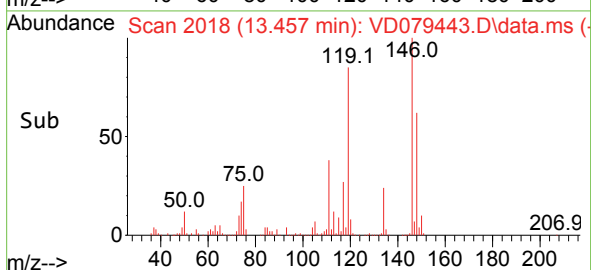
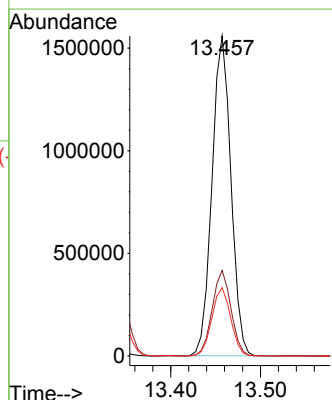
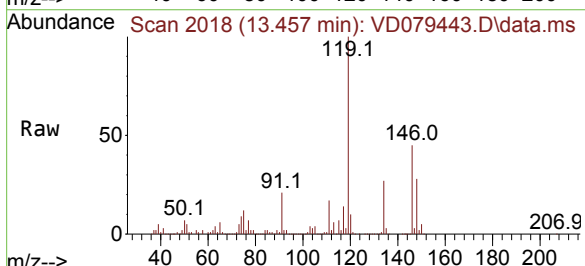
Tgt Ion:119 Resp: 2283514

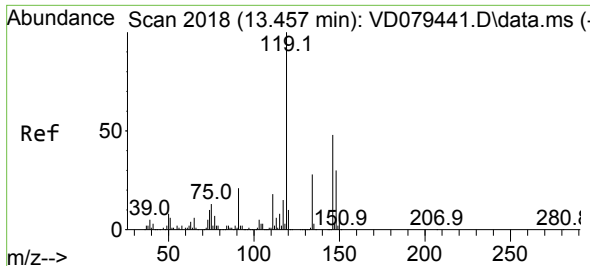
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 21.3 10.7 32.1

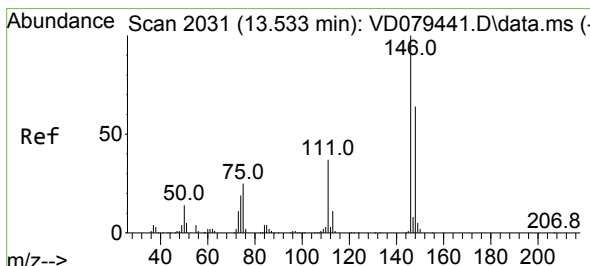
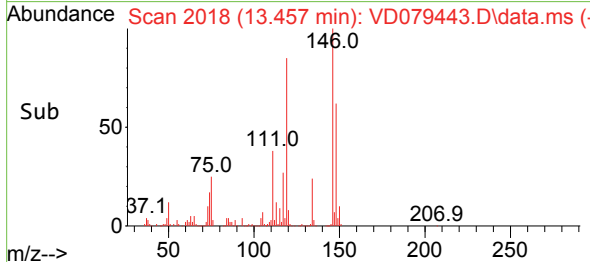
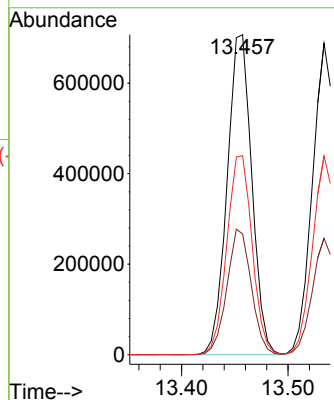
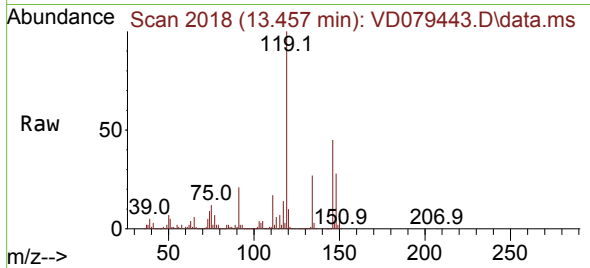




#87
 1,3-Dichlorobenzene
 Concen: 164.740 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

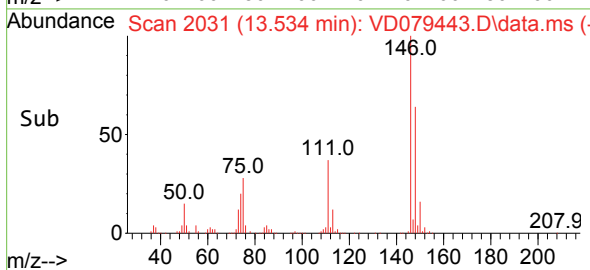
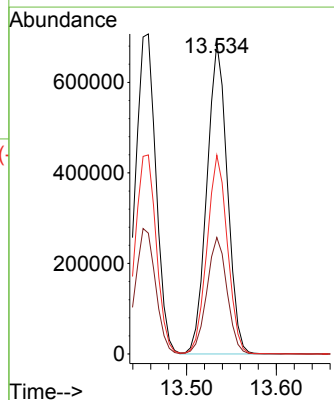
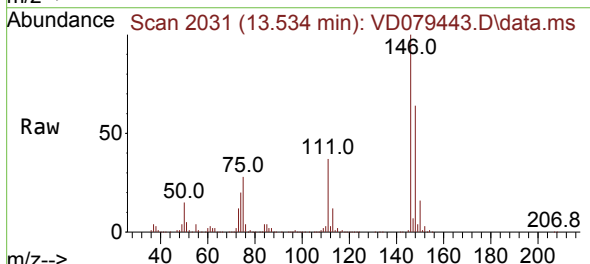
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

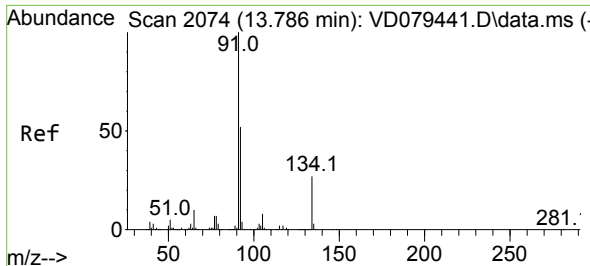
Tgt Ion:146 Resp: 1140600
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.5 55.5
 148 63.8 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 159.211 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.001 min
 Lab File: VD079443.D
 Acq: 29 Jul 2024 18:34

Tgt Ion:146 Resp: 1083739
 Ion Ratio Lower Upper
 146 100
 111 37.1 17.5 52.6
 148 64.0 31.4 94.2

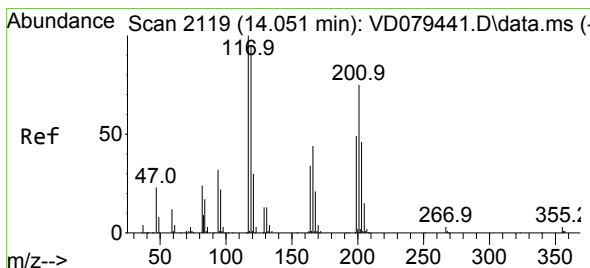
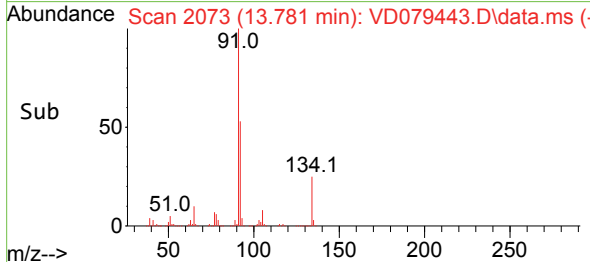
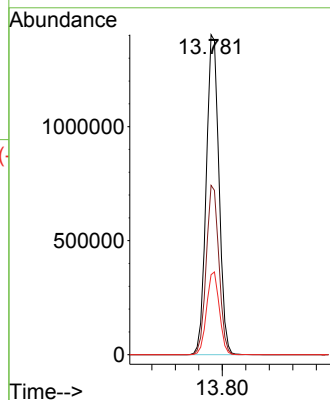
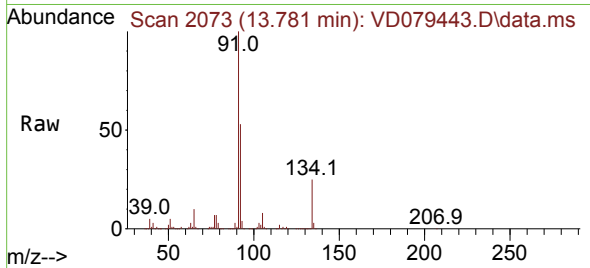




#89
n-Butylbenzene
Concen: 154.485 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.005 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

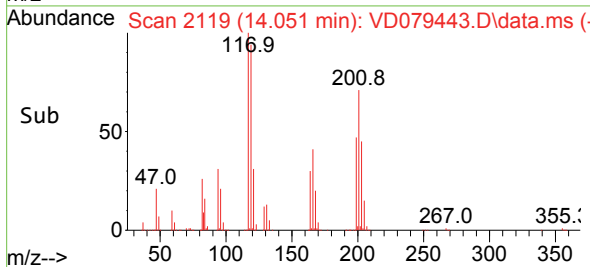
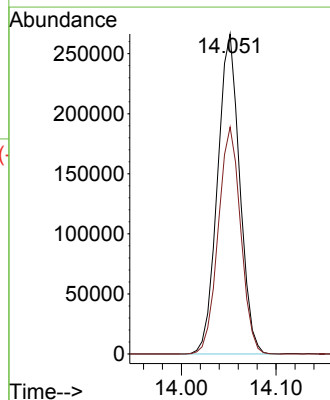
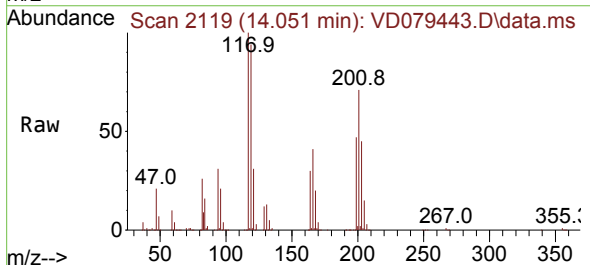
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

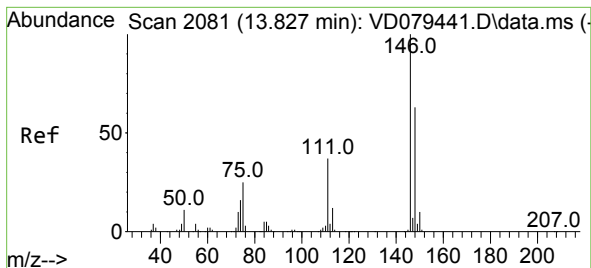
Tgt Ion: 91 Resp: 2104042
Ion Ratio Lower Upper
91 100
92 52.8 25.7 77.0
134 25.9 13.6 40.8



#90
Hexachloroethane
Concen: 167.772 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079443.D
Acq: 29 Jul 2024 18:34

Tgt Ion: 117 Resp: 433398
Ion Ratio Lower Upper
117 100
201 71.7 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 161.111 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.001 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

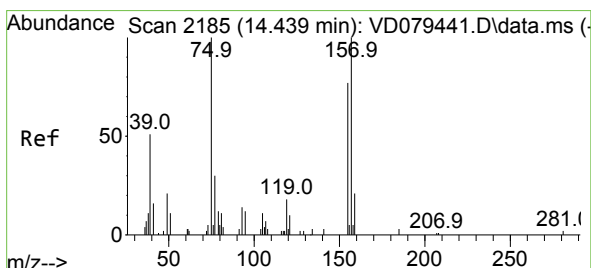
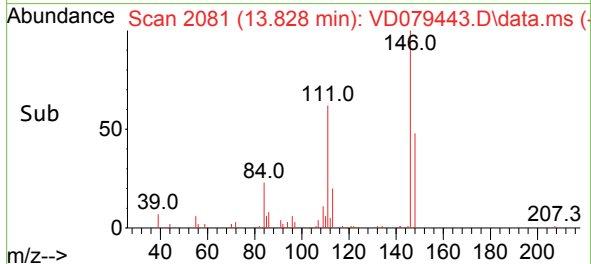
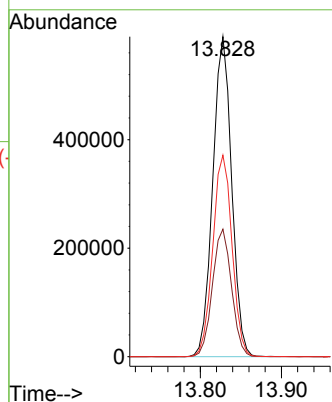
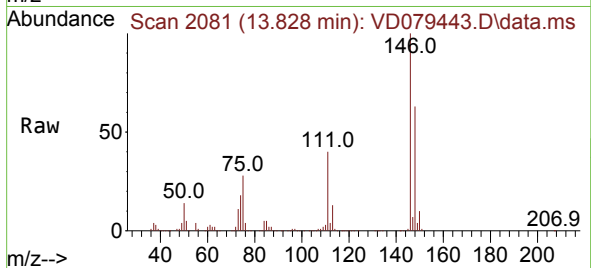
Tgt Ion:146 Resp: 953333

Ion Ratio Lower Upper

146 100

111 40.3 19.1 57.1

148 64.2 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.609 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

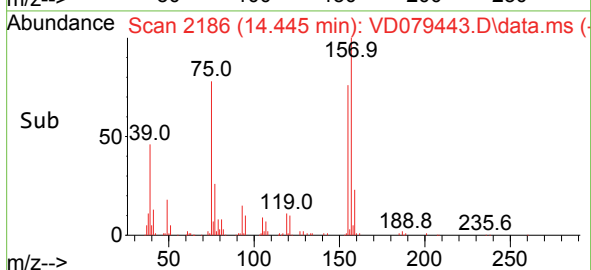
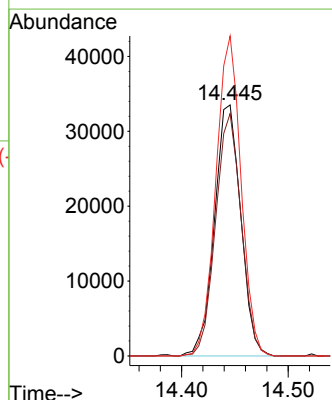
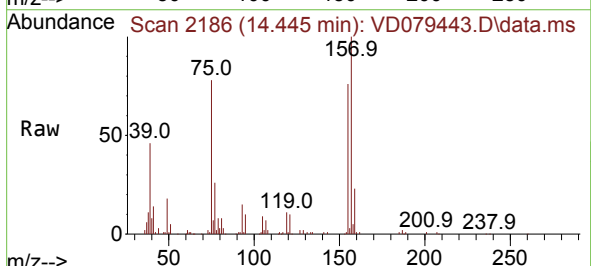
Tgt Ion: 75 Resp: 57408

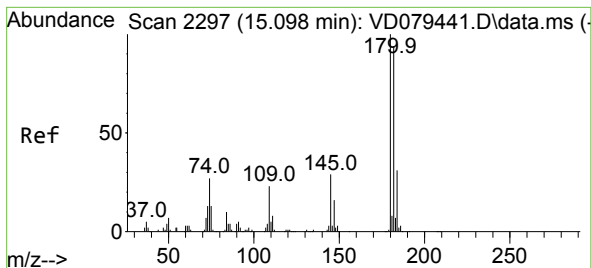
Ion Ratio Lower Upper

75 100

155 94.0 47.7 143.1

157 121.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 172.975 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

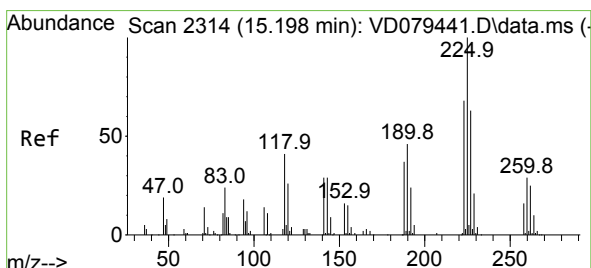
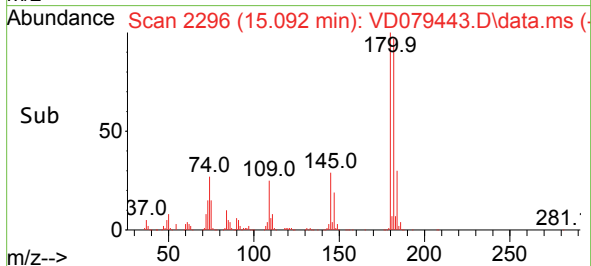
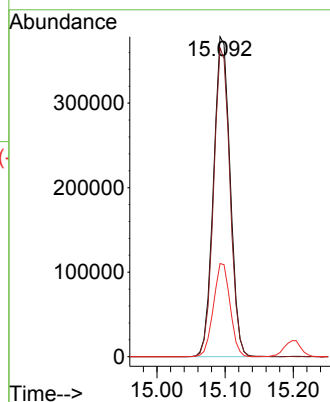
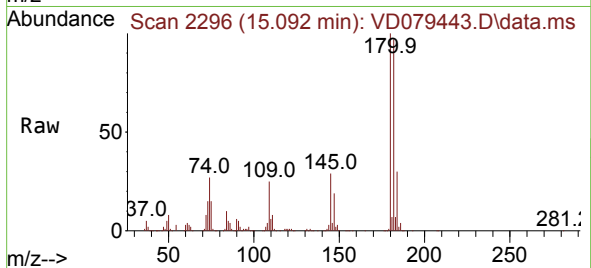
Tgt Ion:180 Resp: 644883

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.7

145 29.1 14.0 41.9



#94

Hexachlorobutadiene

Concen: 167.387 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

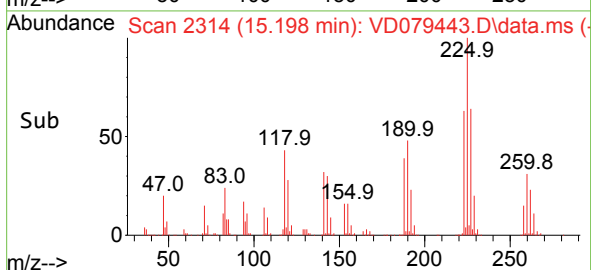
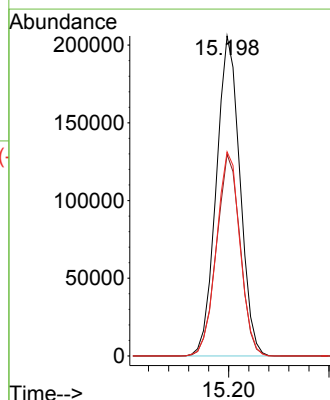
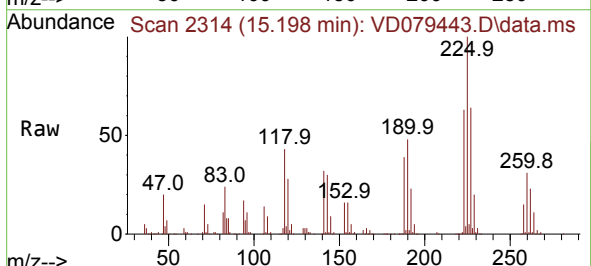
Tgt Ion:225 Resp: 336811

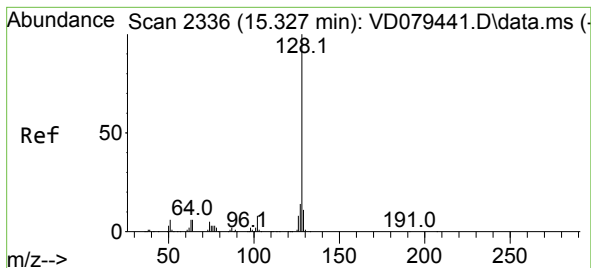
Ion Ratio Lower Upper

225 100

223 62.9 33.3 99.9

227 63.6 33.6 100.6





#95

Naphthalene

Concen: 192.908 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

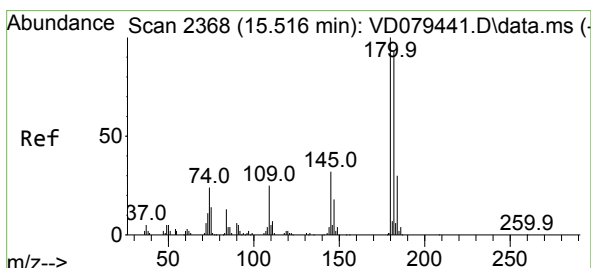
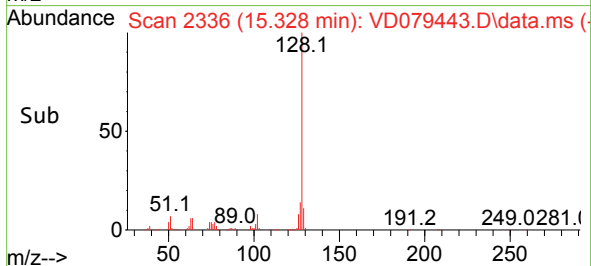
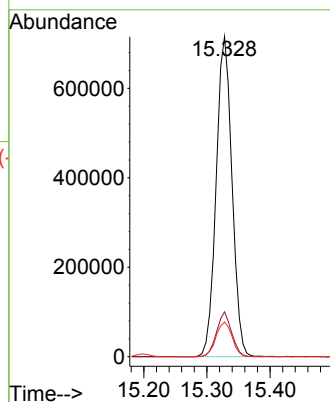
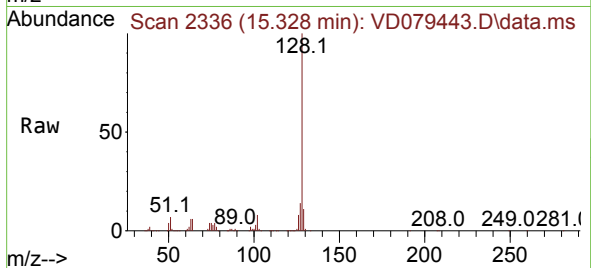
Tgt Ion:128 Resp: 1244789

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 174.145 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079443.D

Acq: 29 Jul 2024 18:34

Tgt Ion:180 Resp: 571111

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.3

145 30.3 16.1 48.2

