

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078275.D
 Acq On : 30 Jan 2024 12:32
 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: Jan 31 00:36:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	136503	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	234861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	221310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	244519	144.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 289.400%#	
35) Dibromofluoromethane	7.810	113	252245	150.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 301.720%#	
50) Toluene-d8	10.269	98	1008804	159.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 318.720%#	
62) 4-Bromofluorobenzene	12.575	95	303131	159.897	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 319.800%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	210852	155.691	ug/l	95
3) Chloromethane	2.152	50	374495	131.885	ug/l	98
4) Vinyl Chloride	2.281	62	518943	138.545	ug/l	99
5) Bromomethane	2.670	94	341371	150.542	ug/l	98
6) Chloroethane	2.828	64	365318	141.204	ug/l	99
7) Trichlorofluoromethane	3.170	101	444970	140.316	ug/l	100
8) Diethyl Ether	3.593	74	143037	152.473	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	273011	140.279	ug/l	94
10) Methyl Iodide	4.164	142	303823	171.617	ug/l	# 89
11) Tert butyl alcohol	5.069	59	79923	741.491	ug/l	99
12) 1,1-Dichloroethene	3.940	96	277002	147.507	ug/l	89
13) Acrolein	3.799	56	94102	752.316	ug/l	98
14) Allyl chloride	4.564	41	371936	150.223	ug/l	90
15) Acrylonitrile	5.258	53	314993	759.650	ug/l	99
16) Acetone	4.028	43	295596	777.290	ug/l	87
17) Carbon Disulfide	4.269	76	882292	139.171	ug/l	100
18) Methyl Acetate	4.564	43	149227	165.684	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	626132	160.323	ug/l	99
20) Methylene Chloride	4.805	84	305624	155.270	ug/l	# 84
21) trans-1,2-Dichloroethene	5.311	96	311893	146.893	ug/l	93
22) Diisopropyl ether	6.222	45	803953	152.602	ug/l	94
23) Vinyl Acetate	6.158	43	2529355	786.935	ug/l	# 92
24) 1,1-Dichloroethane	6.111	63	528561	144.925	ug/l	96
25) 2-Butanone	7.081	43	414786	736.641	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	452137	151.764	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	359156	152.622	ug/l	93
28) Bromochloromethane	7.428	49	192415	147.918	ug/l	# 78
29) Tetrahydrofuran	7.446	42	233736	775.943	ug/l	88
30) Chloroform	7.599	83	541966	145.337	ug/l	98
31) Cyclohexane	7.881	56	440576	139.214	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	479595	149.233	ug/l	98
36) 1,1-Dichloropropene	8.010	75	436643	157.481	ug/l	96
37) Ethyl Acetate	7.169	43	164881	154.507	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	425530	156.086	ug/l	97
39) Methylcyclohexane	9.275	83	536469	163.649	ug/l	93
40) Benzene	8.252	78	1258263	155.532	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	88017	153.415	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	318871	151.969	ug/l	94
43) Isopropyl Acetate	8.363	43	315101	164.684	ug/l #	89
44) Trichloroethene	9.028	130	312481	157.298	ug/l	87
45) 1,2-Dichloropropane	9.305	63	304378	153.880	ug/l	99
46) Dibromomethane	9.393	93	169313	154.274	ug/l	88
47) Bromodichloromethane	9.587	83	418049	154.823	ug/l	97
48) Methyl methacrylate	9.381	41	153977	168.409	ug/l #	80
49) 1,4-Dioxane	9.387	88	40097	3256.982	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	846983	818.289	ug/l	90
52) Toluene	10.334	92	805460	164.142	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	423348	167.856	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	490833	164.386	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	228299	159.409	ug/l	98
56) Ethyl methacrylate	10.599	69	284409	175.082	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	393303	159.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	642731	870.050	ug/l	94
59) 2-Hexanone	10.922	43	626045	803.096	ug/l	90
60) Dibromochloromethane	11.075	129	272966	164.190	ug/l	97
61) 1,2-Dibromoethane	11.181	107	216435	160.067	ug/l	99
64) Tetrachloroethene	10.810	164	247488	160.335	ug/l #	85
65) Chlorobenzene	11.610	112	826372	156.077	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	310634	164.782	ug/l	95
67) Ethyl Benzene	11.687	91	1630732	170.031	ug/l	96
68) m/p-Xylenes	11.793	106	1253917	339.832	ug/l	88
69) o-Xylene	12.122	106	590786	174.225	ug/l	90
70) Styrene	12.134	104	1012812	174.897	ug/l	97
71) Bromoform	12.298	173	152758	164.532	ug/l #	99
73) Isopropylbenzene	12.422	105	1510714	161.811	ug/l	95
74) N-amyl acetate	12.234	43	312740	161.962	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	263593	146.198	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	329156	285.395	ug/l #	100
77) Bromobenzene	12.698	156	316254	153.929	ug/l	83
78) n-propylbenzene	12.763	91	1863506	160.230	ug/l	95
79) 2-Chlorotoluene	12.851	91	969103	155.660	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1251410	164.761	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	90513	156.080	ug/l	97
82) 4-Chlorotoluene	12.945	91	1036073	156.100	ug/l	94
83) tert-Butylbenzene	13.163	119	1083737	167.221	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	1288480	167.674	ug/l	95
85) sec-Butylbenzene	13.345	105	1638372	161.076	ug/l	96
86) p-Isopropyltoluene	13.457	119	1440109	172.862	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	699222	163.818	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	649447	153.786	ug/l	98
89) n-Butylbenzene	13.787	91	1336403	164.620	ug/l	98
90) Hexachloroethane	14.051	117	258800	155.529	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	568898	155.796	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	37694	149.140	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	356815	168.936	ug/l	96
94) Hexachlorobutadiene	15.204	225	168570	162.874	ug/l	99
95) Naphthalene	15.334	128	746938	177.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	308266	165.759	ug/l	98

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

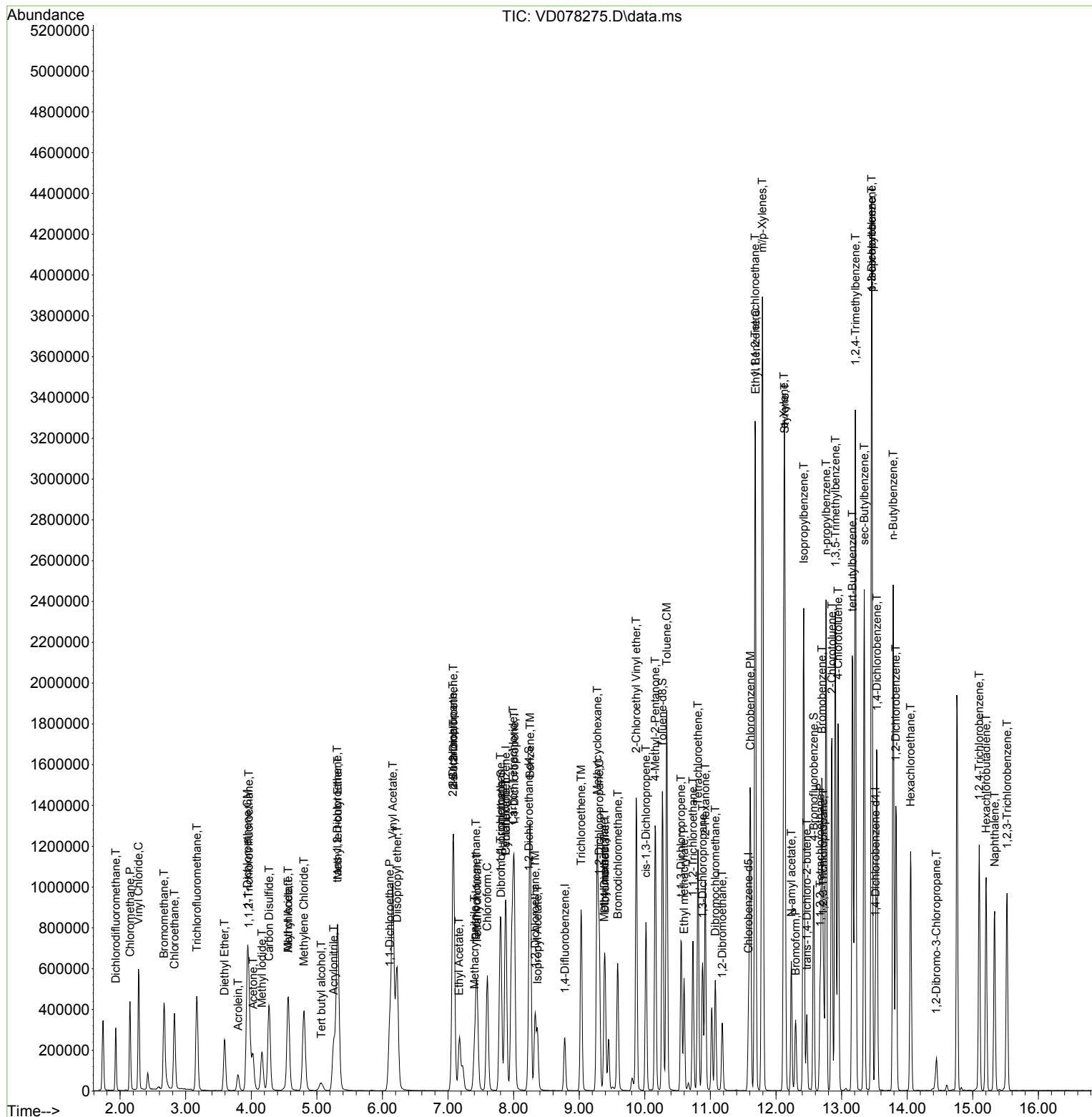
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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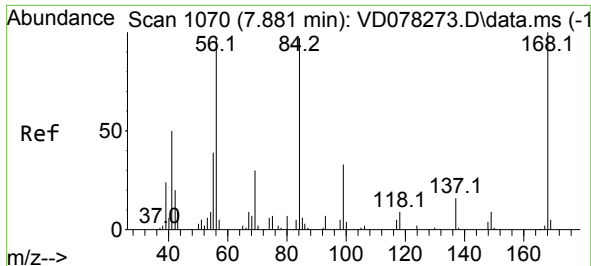
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 Data File : VD078275.D
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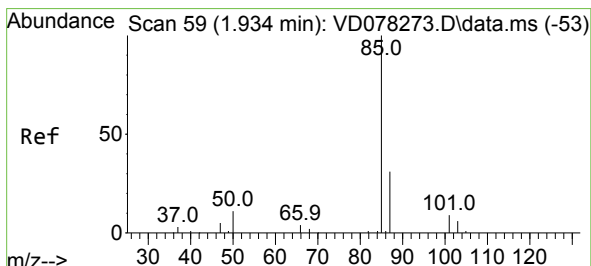
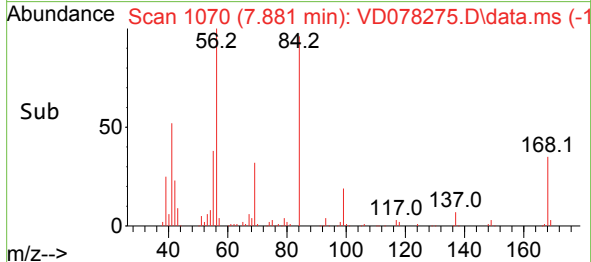
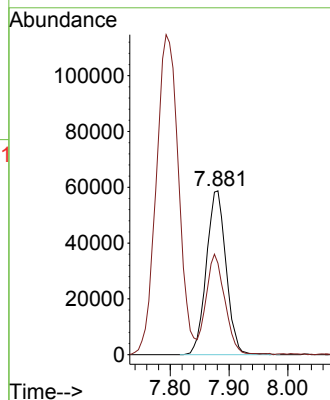
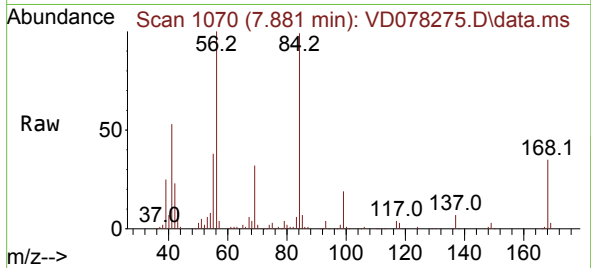




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078275.D
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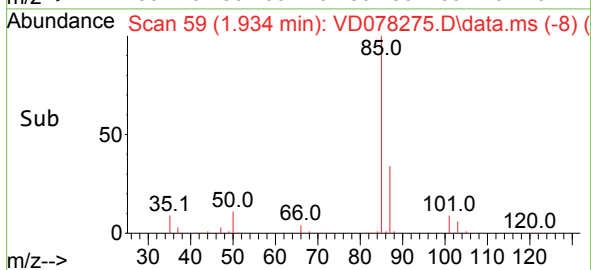
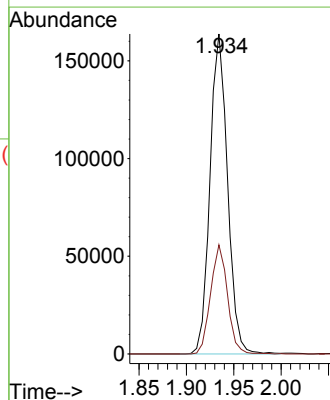
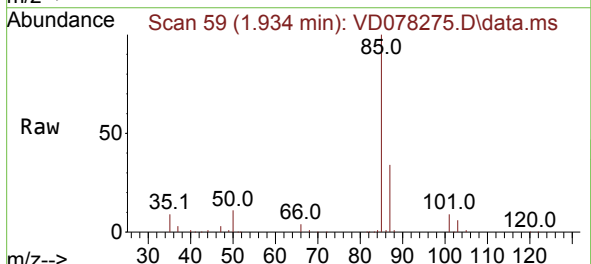
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

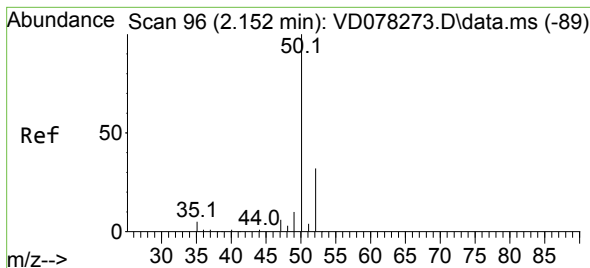
Tgt Ion:168 Resp: 136503
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 155.691 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 85 Resp: 210852
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.0





#3

Chloromethane

Concen: 131.885 ug/l

RT: 2.152 min Scan# 90

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

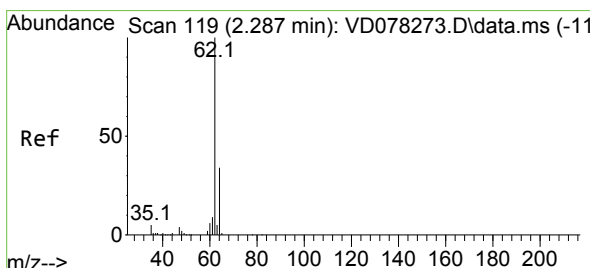
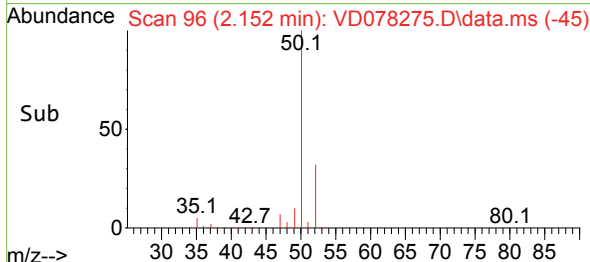
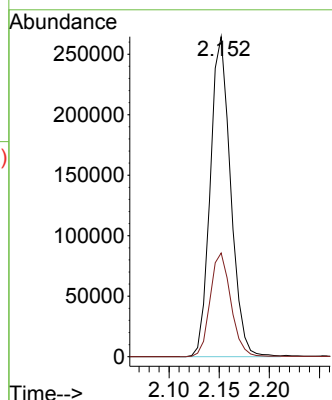
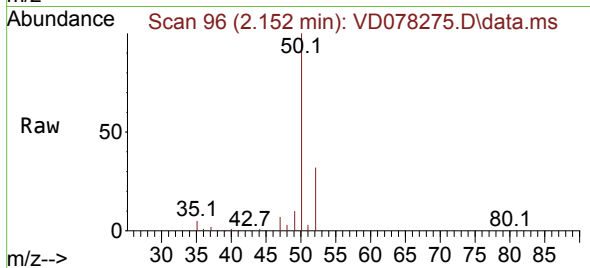
VSTDIC150

Tgt Ion: 50 Resp: 374495

Ion Ratio Lower Upper

50 100

52 32.4 26.6 40.0



#4

Vinyl Chloride

Concen: 138.545 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078275.D

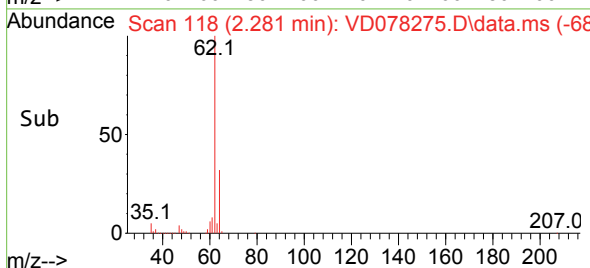
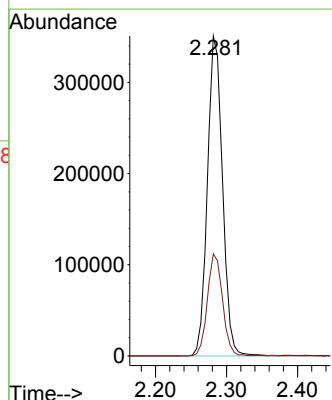
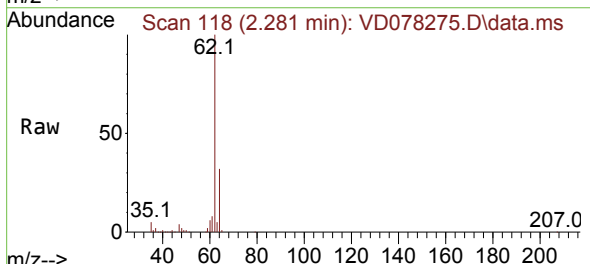
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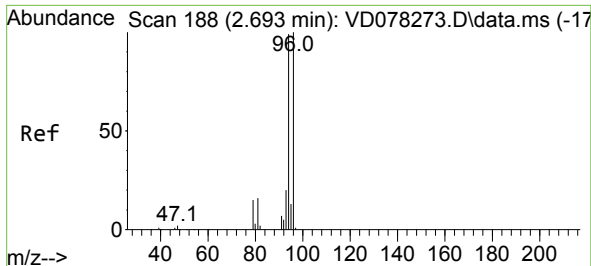
Tgt Ion: 62 Resp: 518943

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0

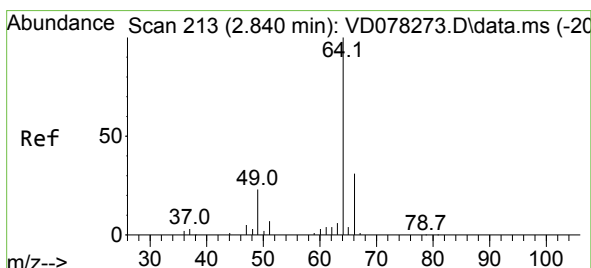
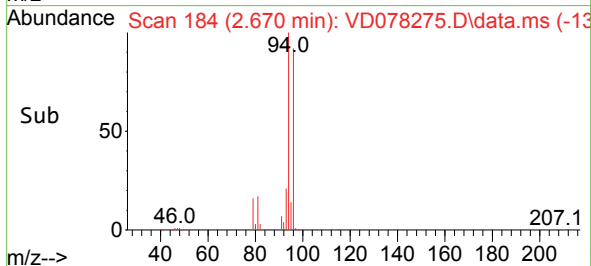
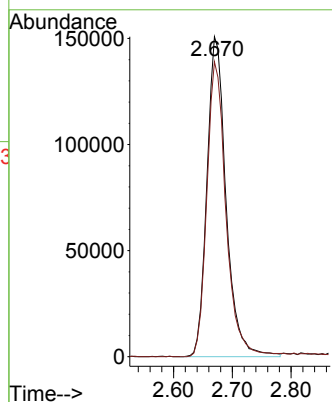
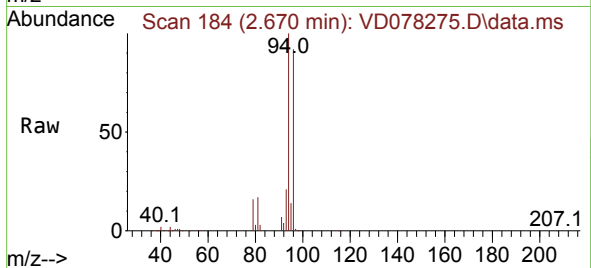




#5
Bromomethane
Concen: 150.542 ug/l
RT: 2.670 min Scan# 184
Delta R.T. -0.023 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

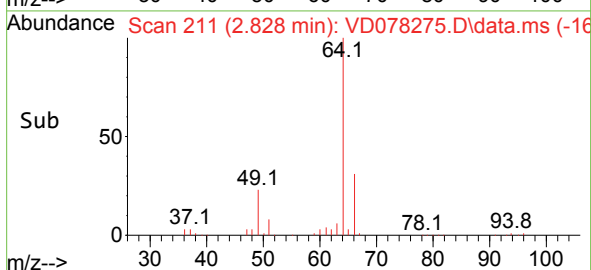
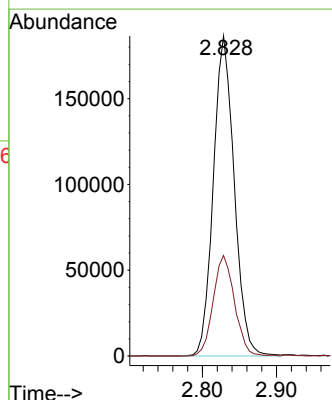
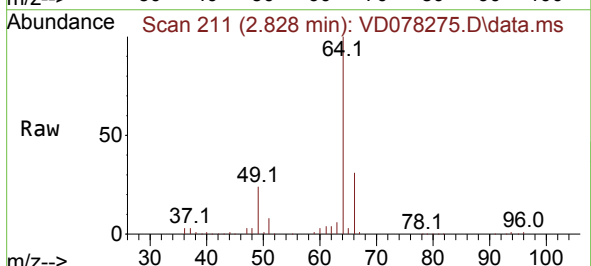
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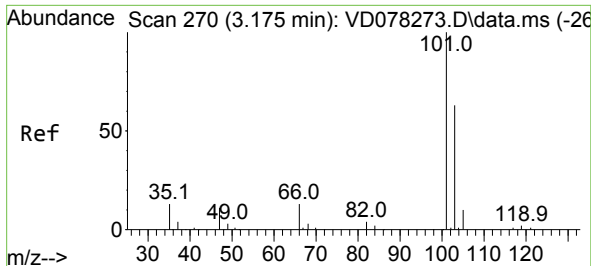
Tgt Ion: 94 Resp: 341371
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 141.204 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 64 Resp: 365318
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

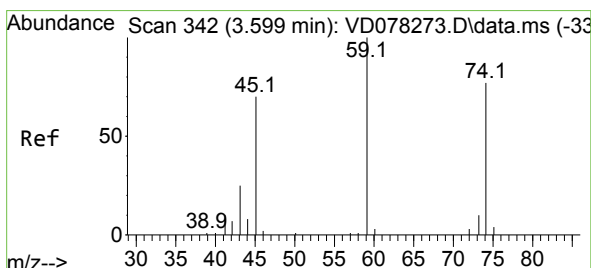
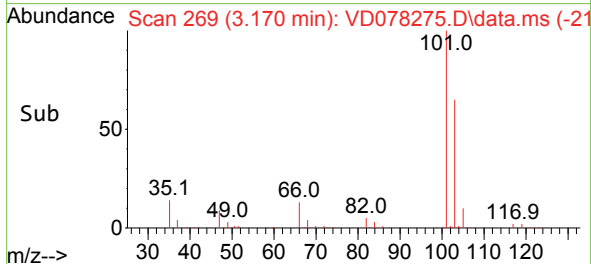
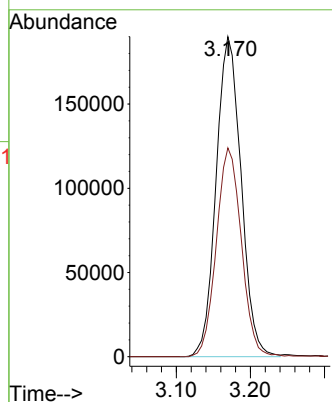
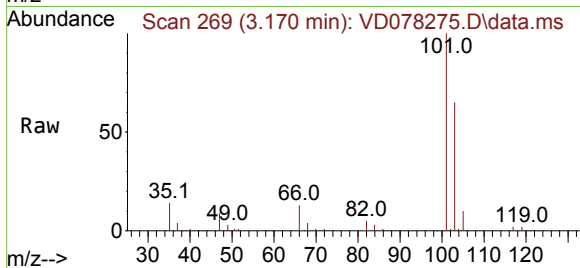




#7
 Trichlorofluoromethane
 Concen: 140.316 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

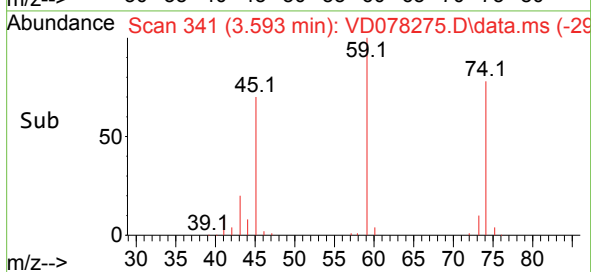
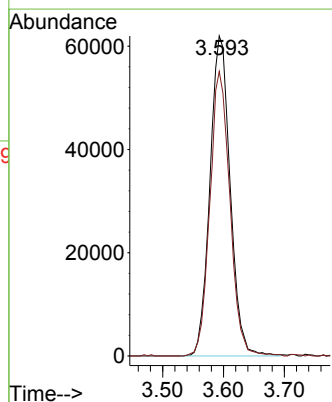
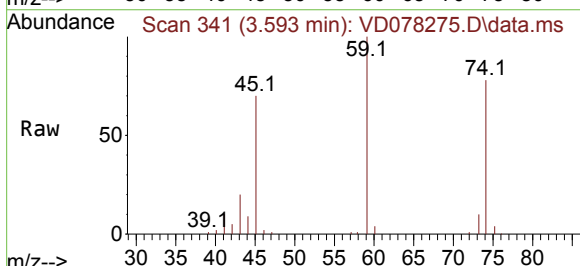
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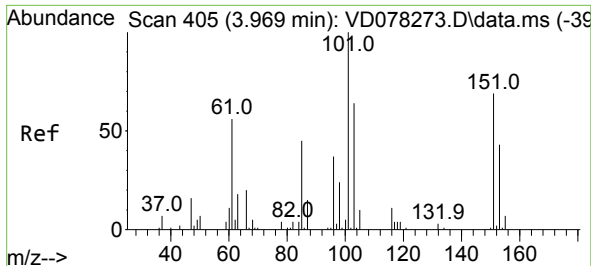
Tgt Ion:101 Resp: 444970
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 152.473 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

Tgt Ion: 74 Resp: 143037
 Ion Ratio Lower Upper
 74 100
 45 88.1 37.5 112.7

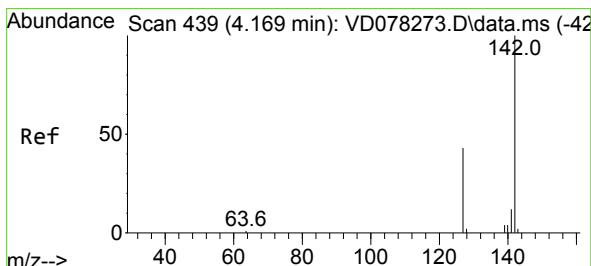
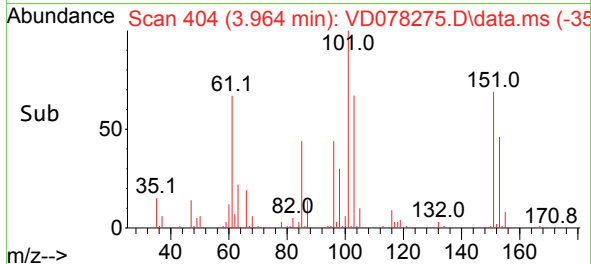
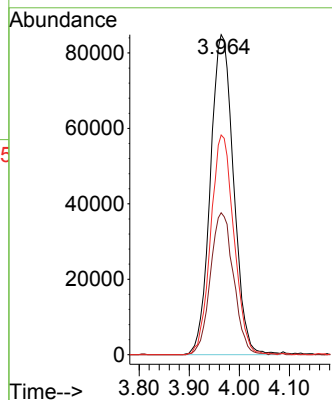
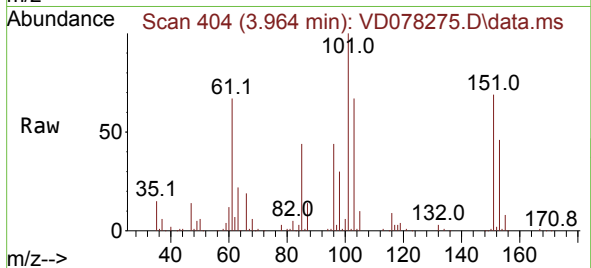




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.279 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

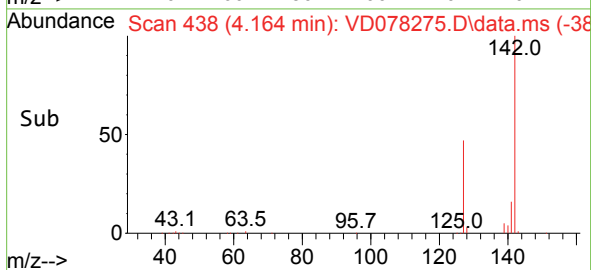
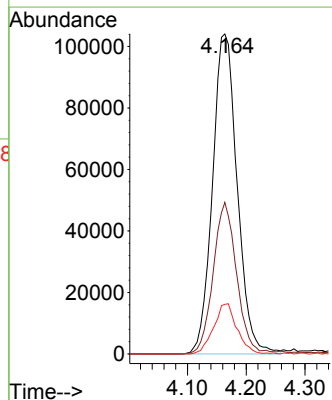
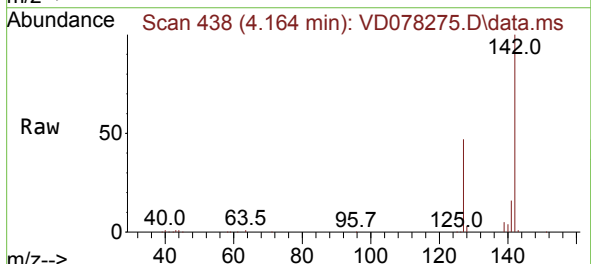
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

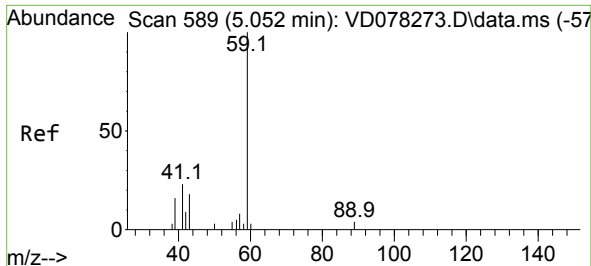
Tgt Ion:101 Resp: 273011
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 68.7 59.8 89.6



#10
Methyl Iodide
Concen: 171.617 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:142 Resp: 303823
Ion Ratio Lower Upper
142 100
127 44.9 29.4 44.0#
141 14.9 11.1 16.7

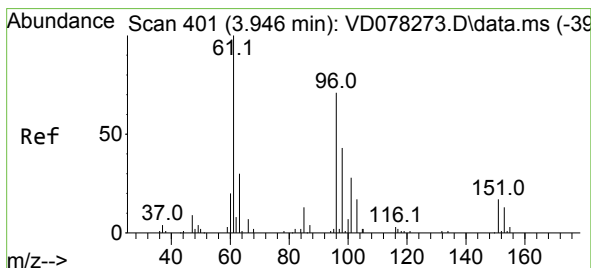
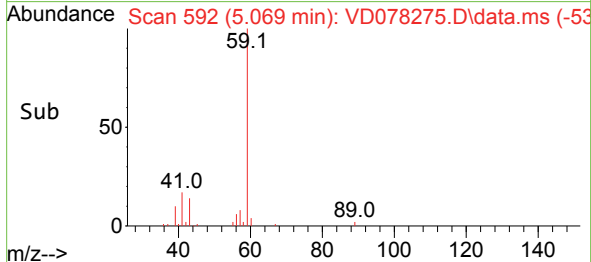
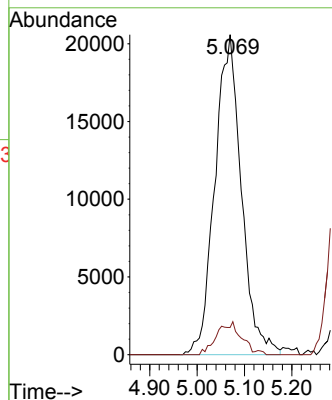
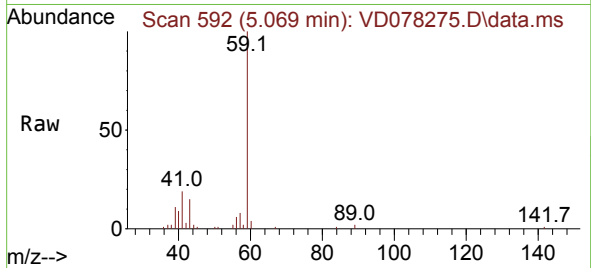




#11
Tert butyl alcohol
Concen: 741.491 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

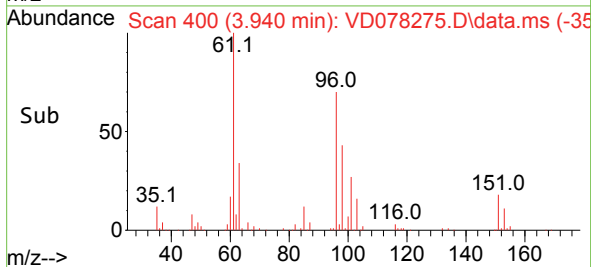
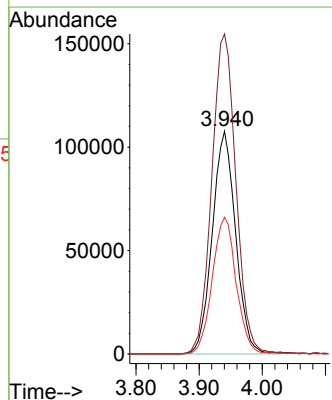
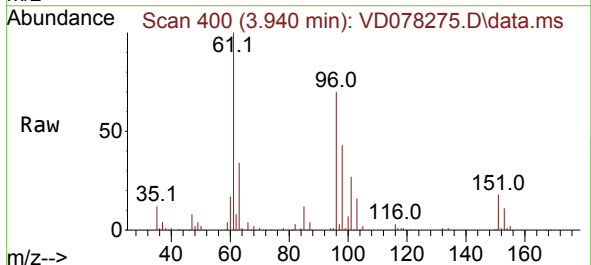
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

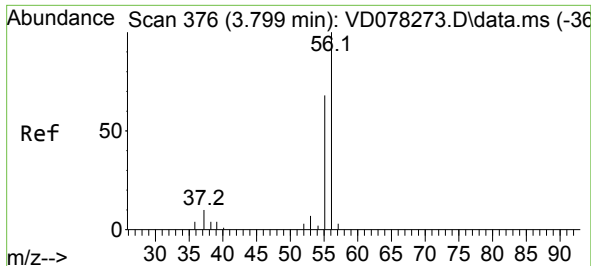
Tgt Ion: 59 Resp: 79923
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 147.507 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 96 Resp: 277002
Ion Ratio Lower Upper
96 100
61 143.6 100.6 150.8
98 61.3 50.2 75.2

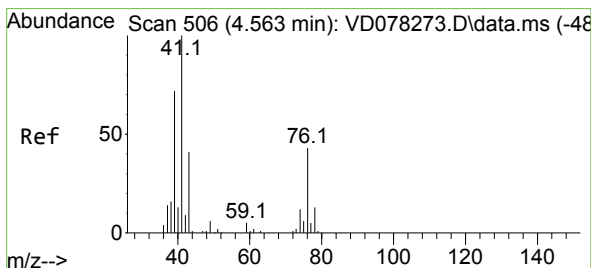
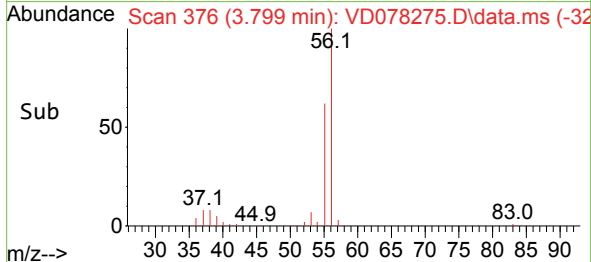
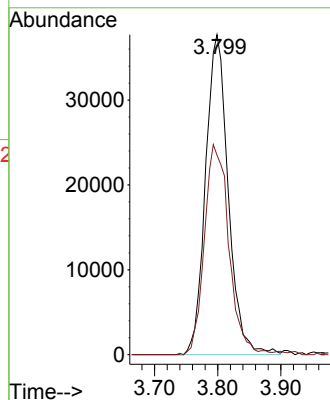
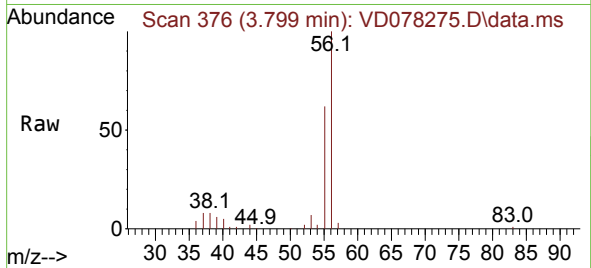




#13
Acrolein
Concen: 752.316 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

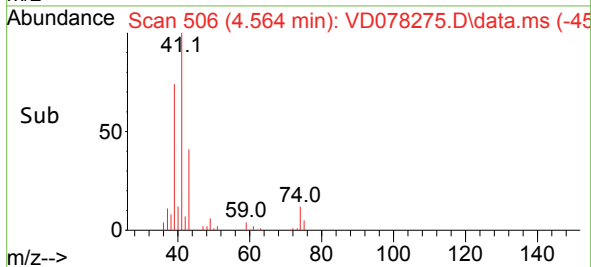
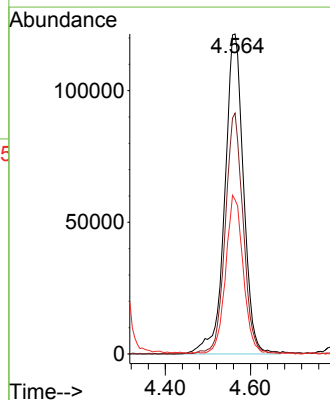
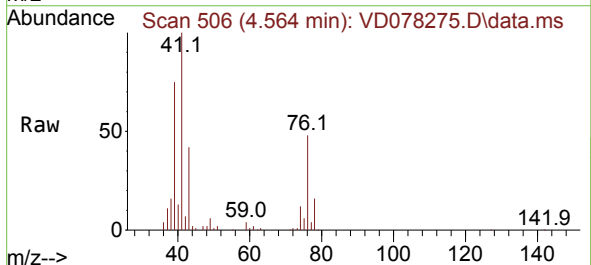
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

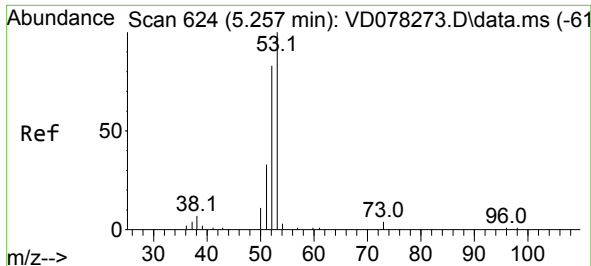
Tgt Ion: 56 Resp: 94102
Ion Ratio Lower Upper
56 100
55 70.8 55.1 82.7



#14
Allyl chloride
Concen: 150.223 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 41 Resp: 371936
Ion Ratio Lower Upper
41 100
39 71.1 53.8 80.6
76 46.0 45.8 68.8





#15

Acrylonitrile

Concen: 759.650 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

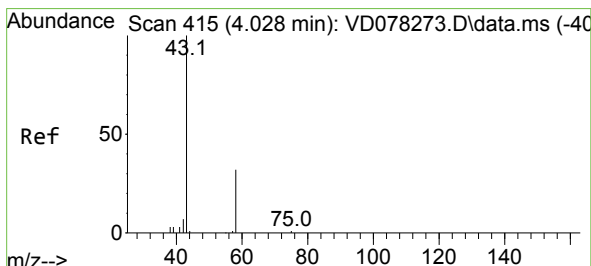
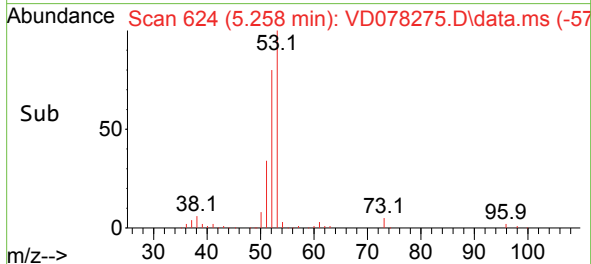
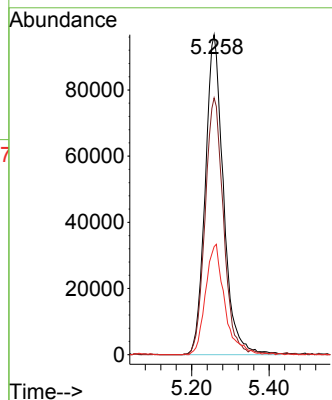
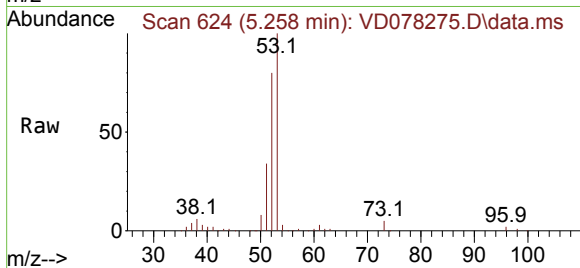
Tgt Ion: 53 Resp: 314993

Ion Ratio Lower Upper

53 100

52 80.6 65.0 97.4

51 36.3 28.3 42.5



#16

Acetone

Concen: 777.290 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.000 min

Lab File: VD078275.D

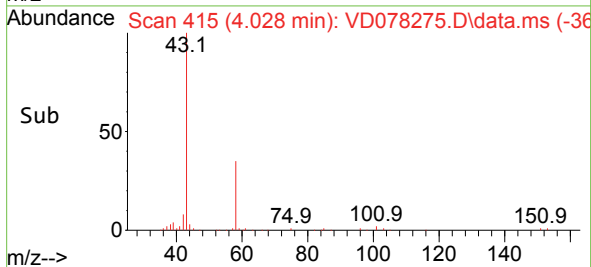
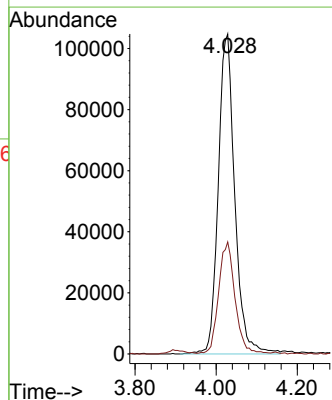
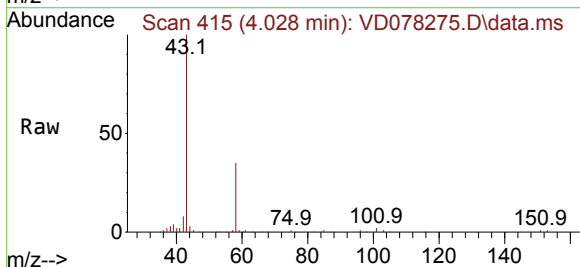
Acq: 30 Jan 2024 12:32

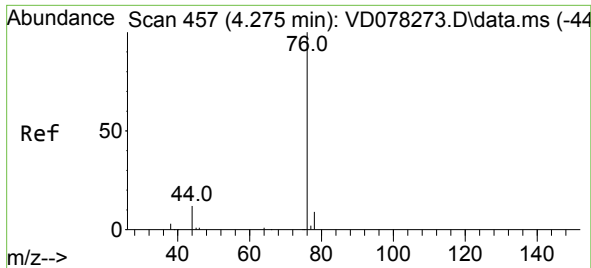
Tgt Ion: 43 Resp: 295596

Ion Ratio Lower Upper

43 100

58 34.8 34.7 52.1

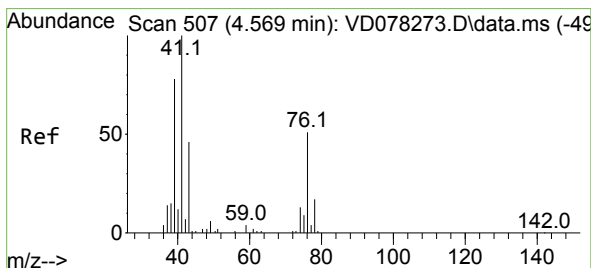
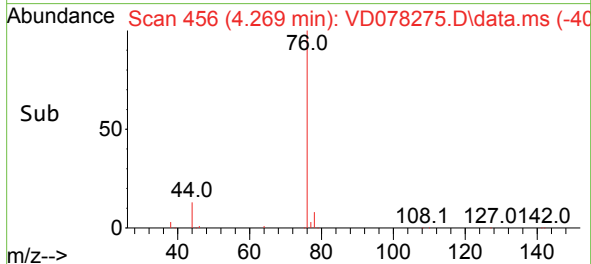
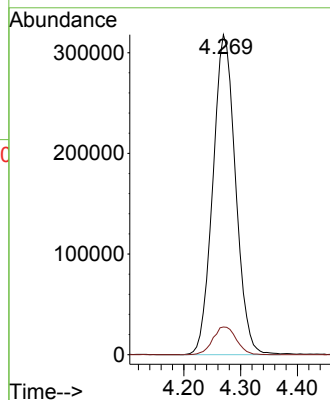
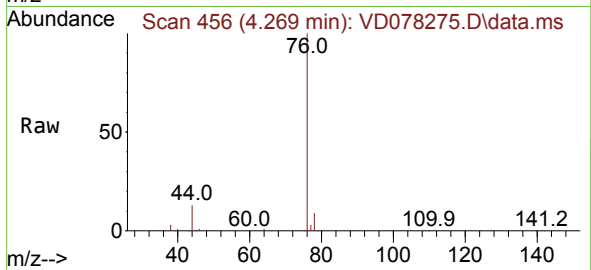




#17
Carbon Disulfide
Concen: 139.171 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

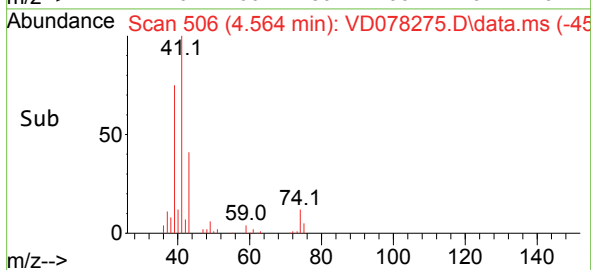
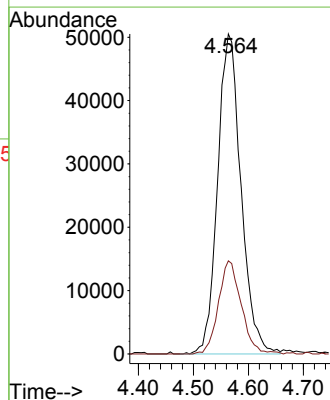
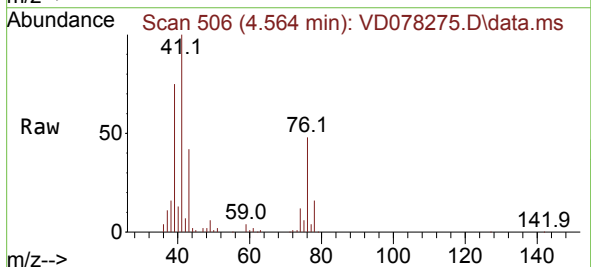
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

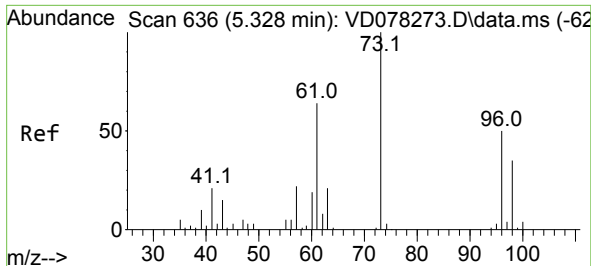
Tgt Ion: 76 Resp: 882292
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 165.684 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 43 Resp: 149227
Ion Ratio Lower Upper
43 100
74 28.3 26.4 39.6

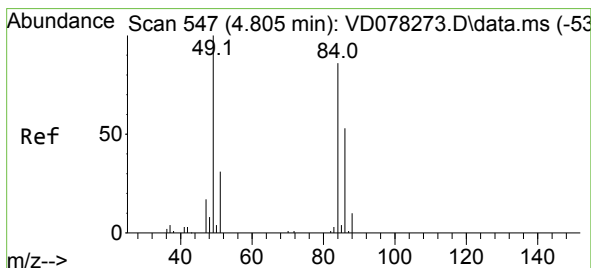
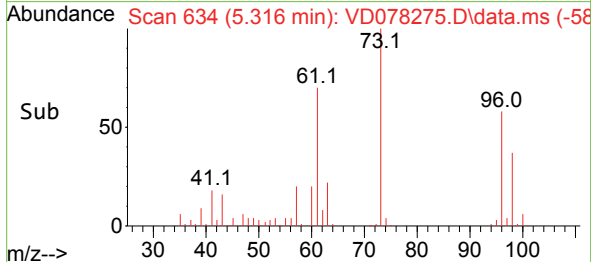
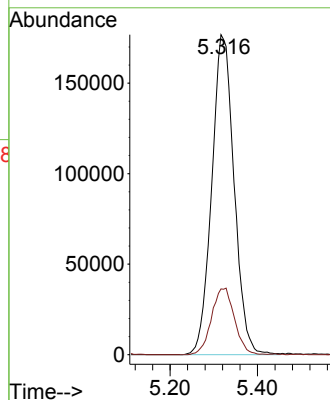
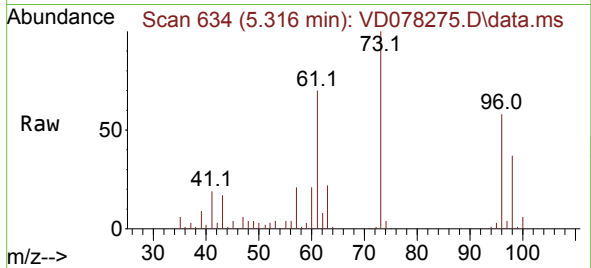




#19
Methyl tert-butyl Ether
Concen: 160.323 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

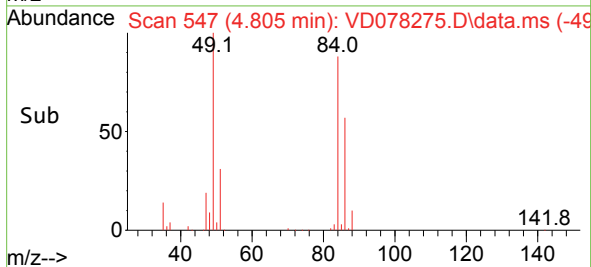
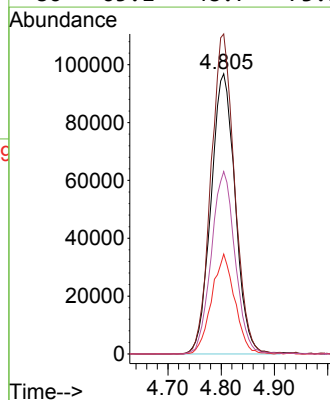
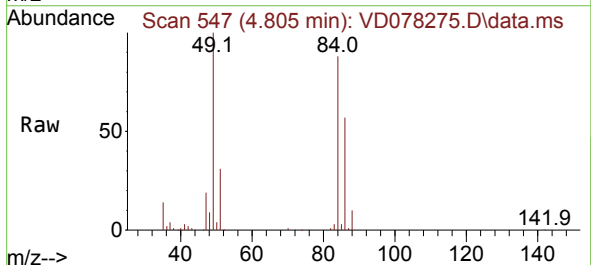
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

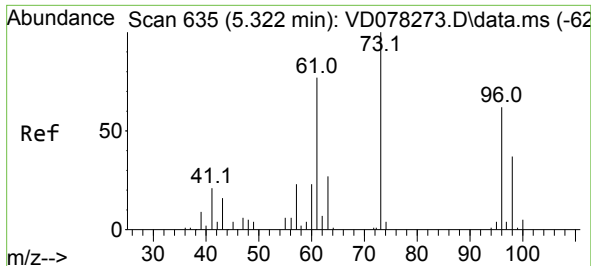
Tgt Ion: 73 Resp: 626132
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 155.270 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 84 Resp: 305624
Ion Ratio Lower Upper
84 100
49 114.0 71.4 107.2#
51 35.7 24.5 36.7
86 65.1 48.7 73.1

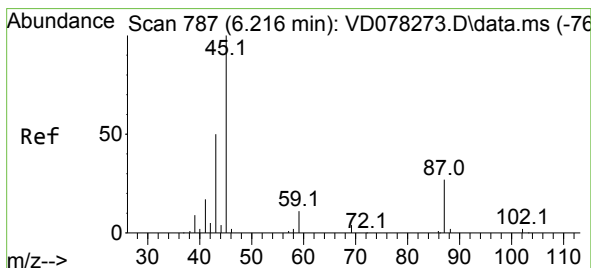
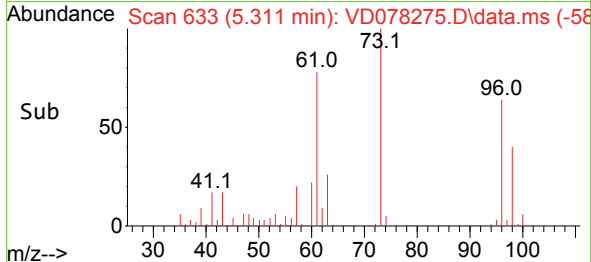
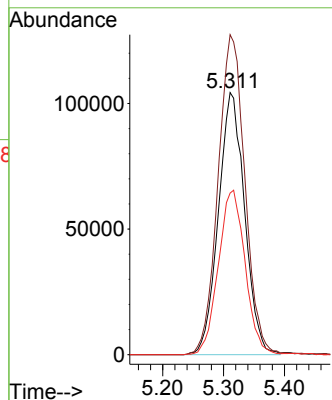
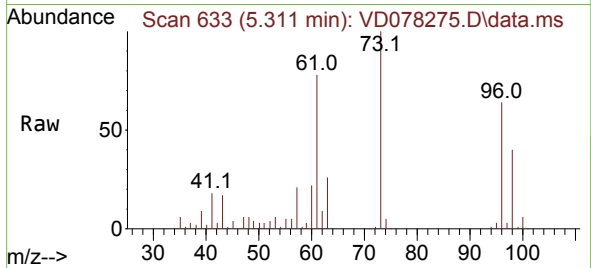




#21
trans-1,2-Dichloroethene
Concen: 146.893 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

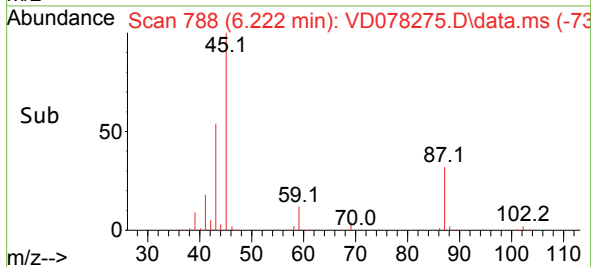
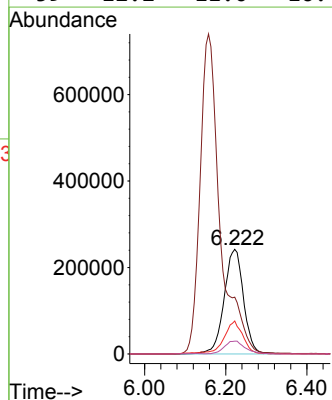
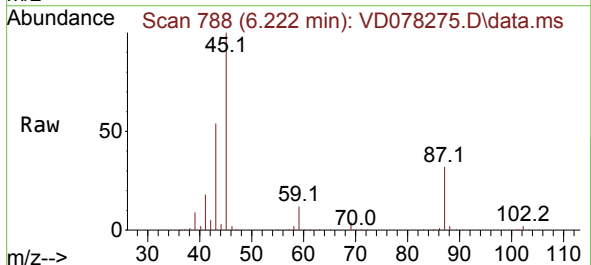
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

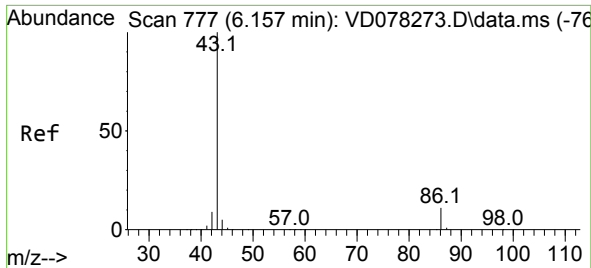
Tgt Ion: 96 Resp: 311893
Ion Ratio Lower Upper
96 100
61 122.1 89.3 133.9
98 61.7 48.6 73.0



#22
Diisopropyl ether
Concen: 152.602 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 45 Resp: 803953
Ion Ratio Lower Upper
45 100
43 54.1 40.0 60.0
87 31.4 28.2 42.4
59 12.2 11.0 16.4

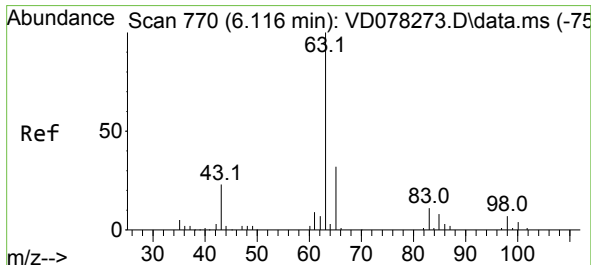
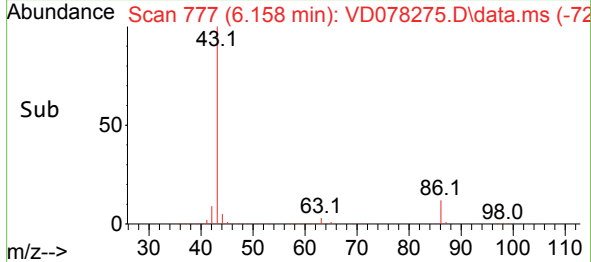
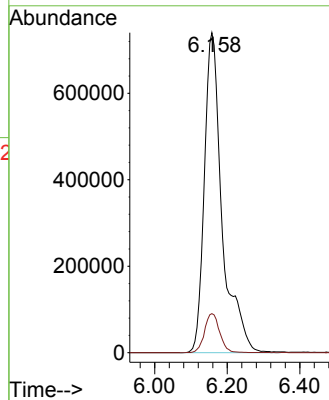
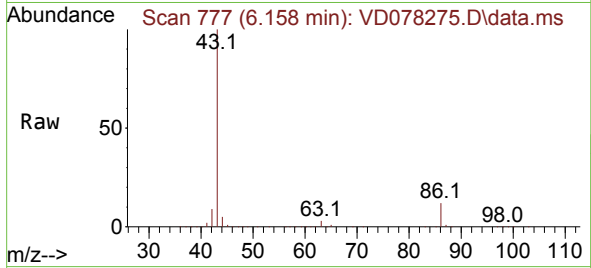




#23
 Vinyl Acetate
 Concen: 786.935 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

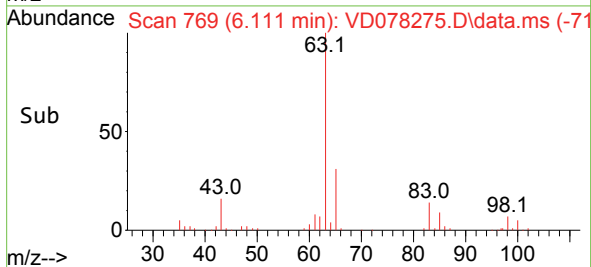
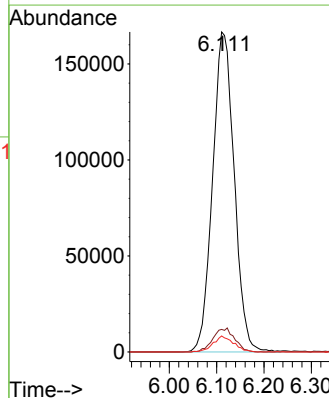
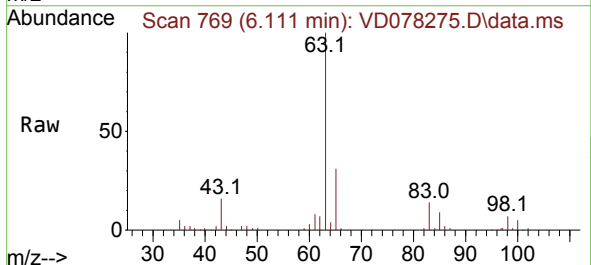
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

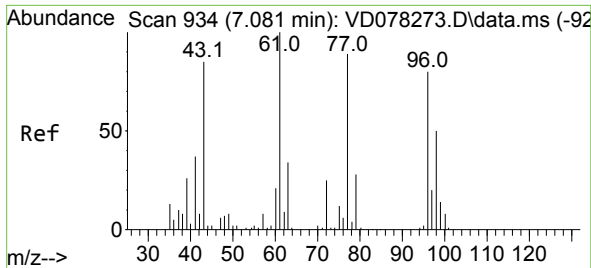
Tgt Ion: 43 Resp: 2529355
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 144.925 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

Tgt Ion: 63 Resp: 528561
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.0 2.5 7.5

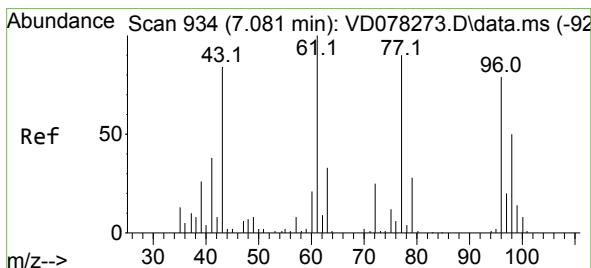
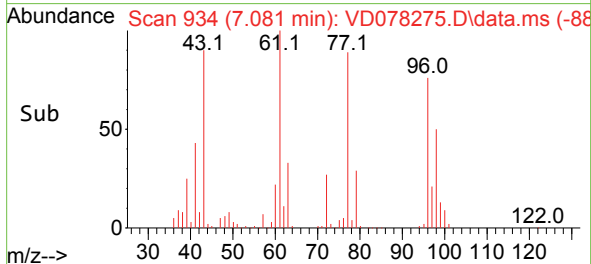
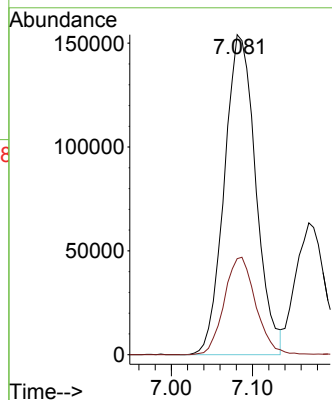
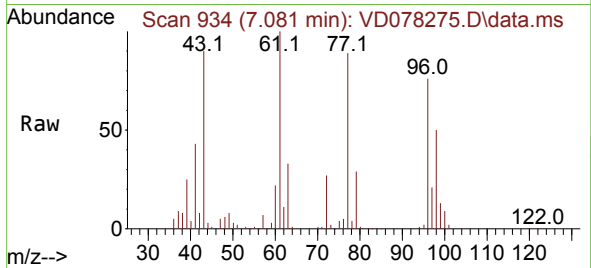




#25
2-Butanone
Concen: 736.641 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

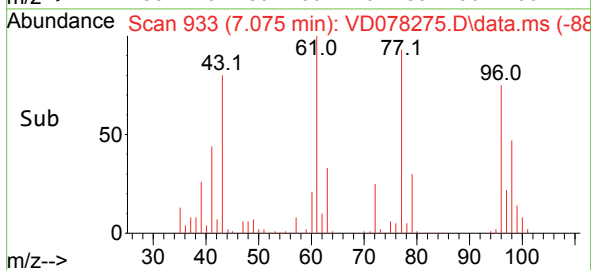
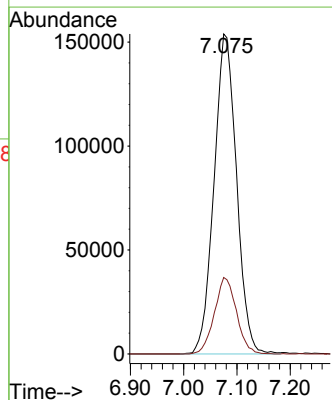
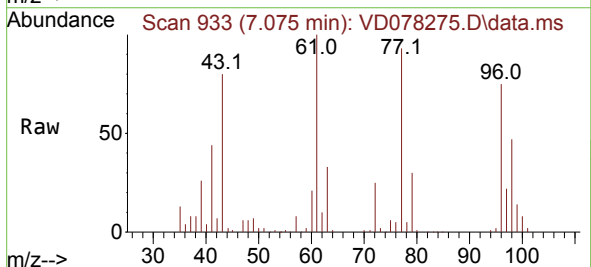
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

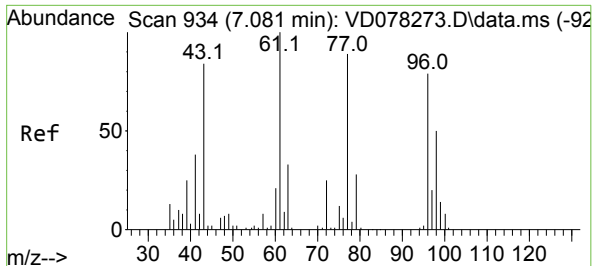
Tgt Ion: 43 Resp: 414786
Ion Ratio Lower Upper
43 100
72 30.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 151.764 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 77 Resp: 452137
Ion Ratio Lower Upper
77 100
97 23.4 13.2 39.6

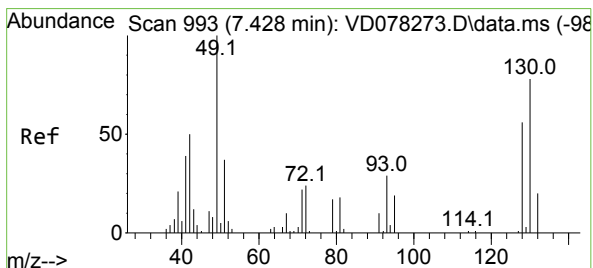
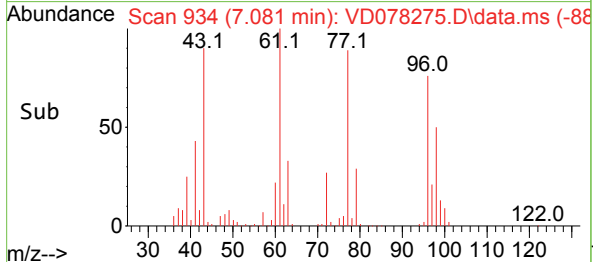
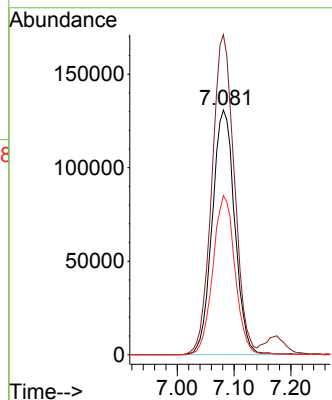
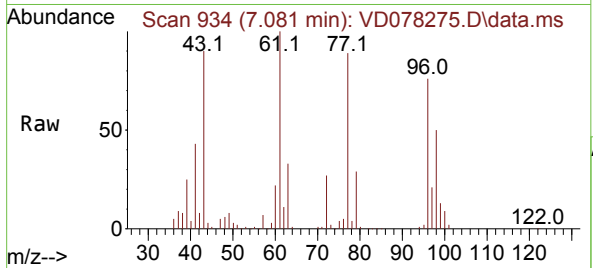




#27
cis-1,2-Dichloroethene
Concen: 152.622 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

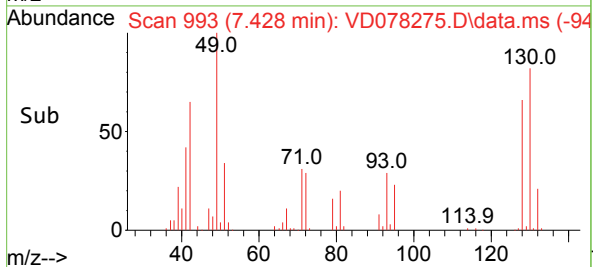
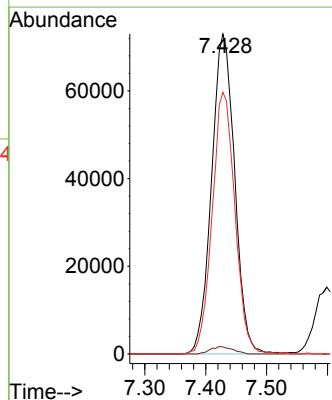
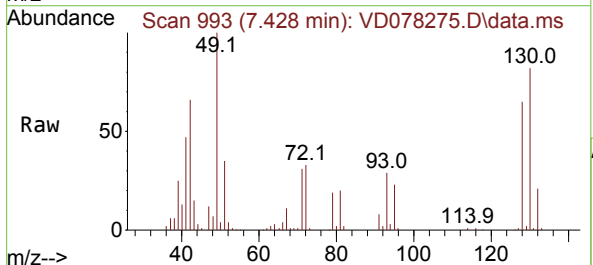
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

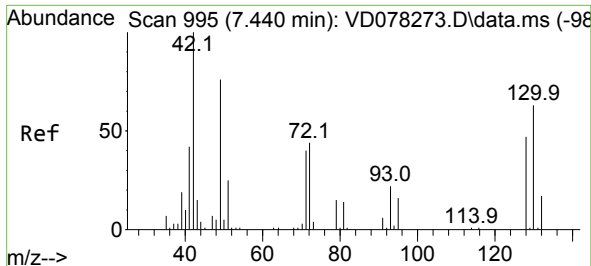
Tgt Ion: 96 Resp: 359156
Ion Ratio Lower Upper
96 100
61 130.8 0.0 239.2
98 64.1 0.0 128.6



#28
Bromochloromethane
Concen: 147.918 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 49 Resp: 192415
Ion Ratio Lower Upper
49 100
129 2.2 0.0 6.0
130 80.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 775.943 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

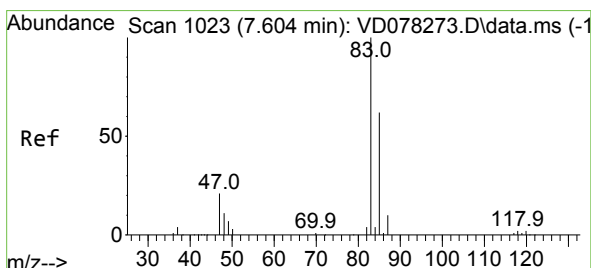
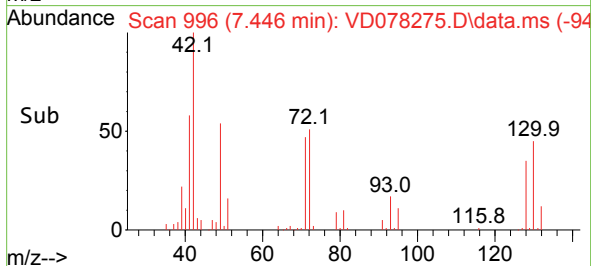
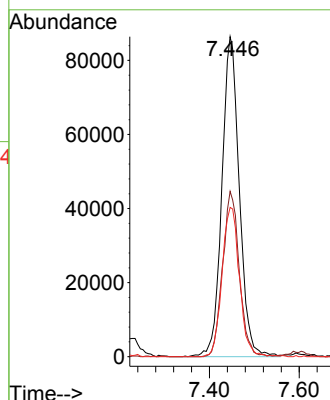
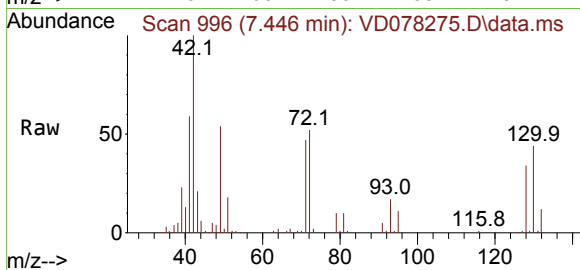
Tgt Ion: 42 Resp: 233736

Ion Ratio Lower Upper

42 100

72 49.4 46.5 69.7

71 46.7 44.5 66.7



#30

Chloroform

Concen: 145.337 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078275.D

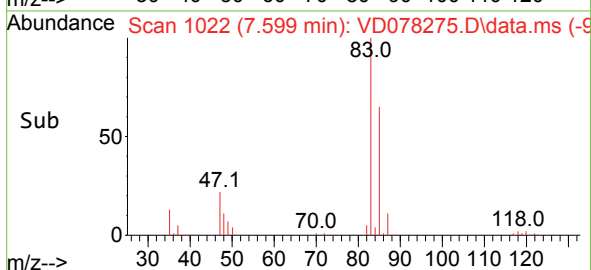
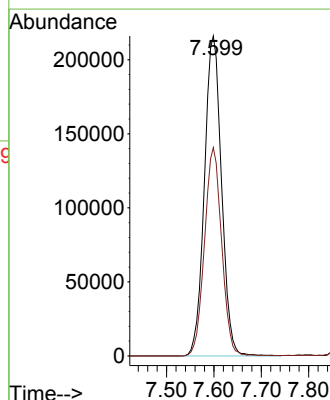
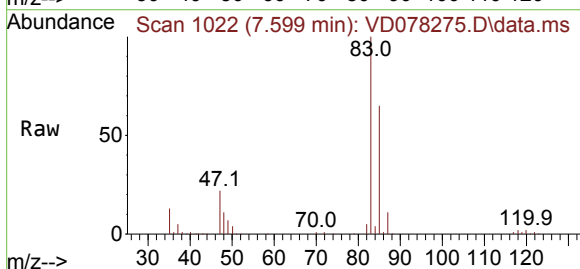
Acq: 30 Jan 2024 12:32

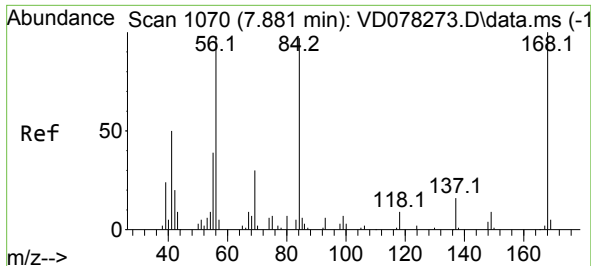
Tgt Ion: 83 Resp: 541966

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.2

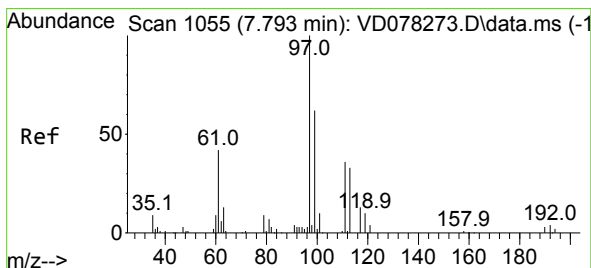
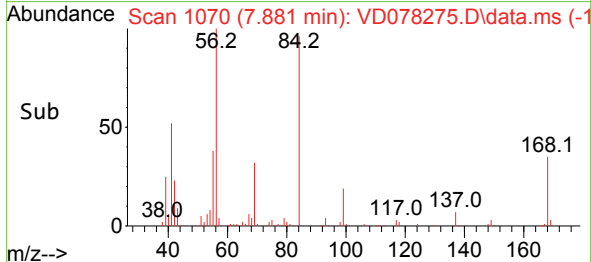
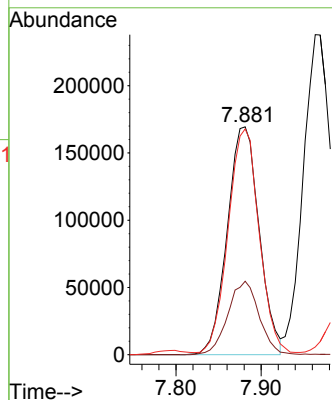
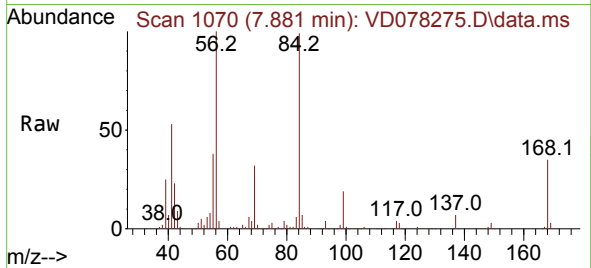




#31
Cyclohexane
Concen: 139.214 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

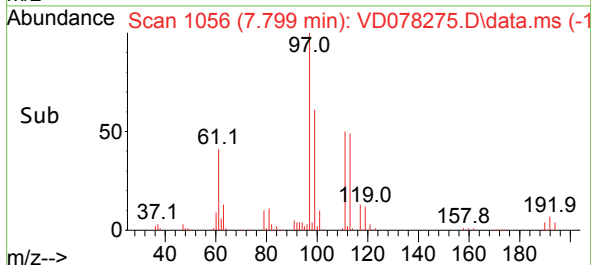
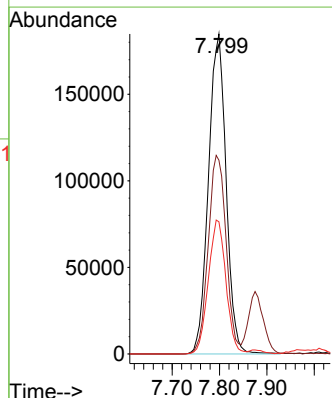
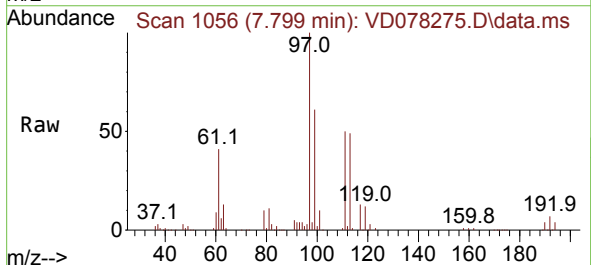
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

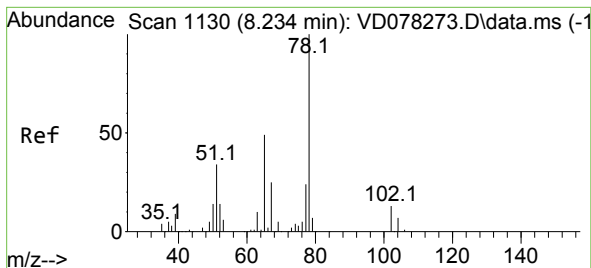
Tgt Ion: 56 Resp: 440576
Ion Ratio Lower Upper
56 100
69 32.2 28.6 43.0
84 97.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 149.233 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 97 Resp: 479595
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 41.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 144.701 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

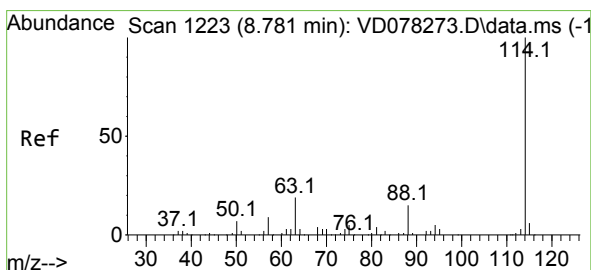
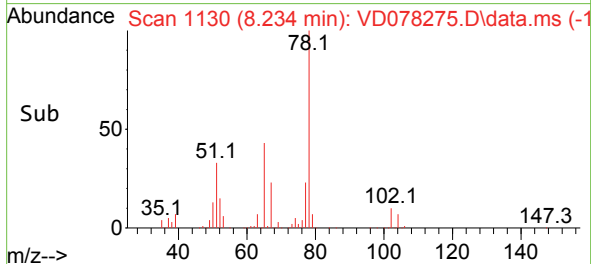
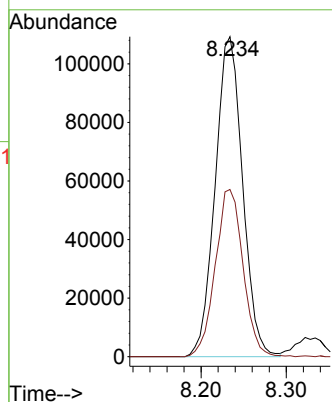
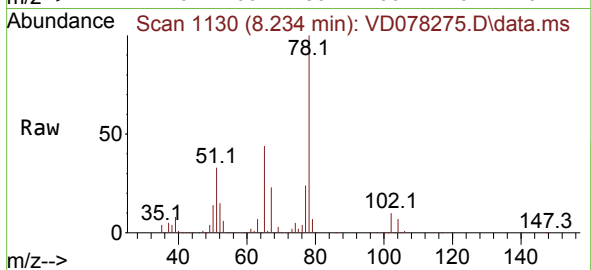
VSTDICC150

Tgt Ion: 65 Resp: 244519

Ion Ratio Lower Upper

65 100

67 52.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

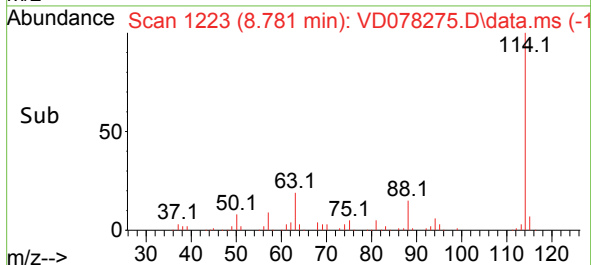
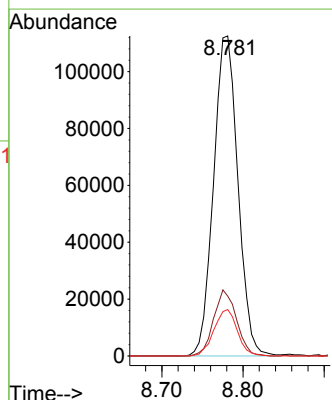
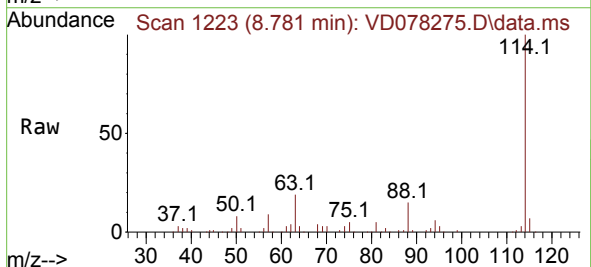
Tgt Ion: 114 Resp: 234861

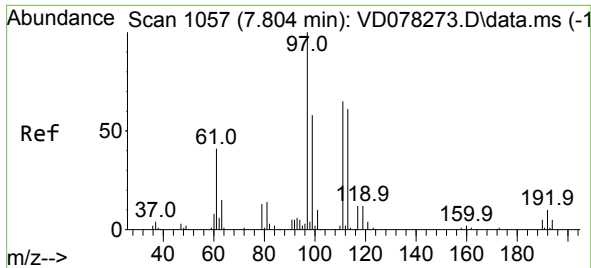
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 14.5 0.0 26.2

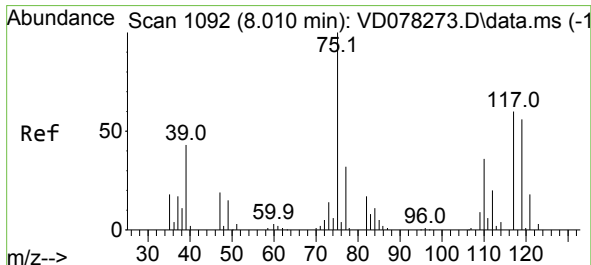
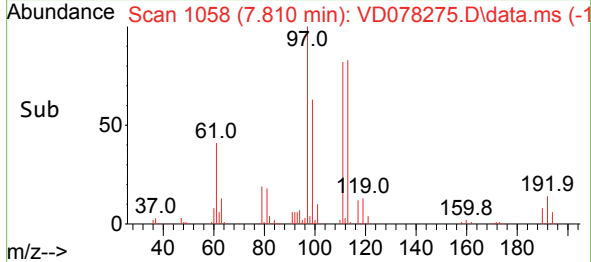
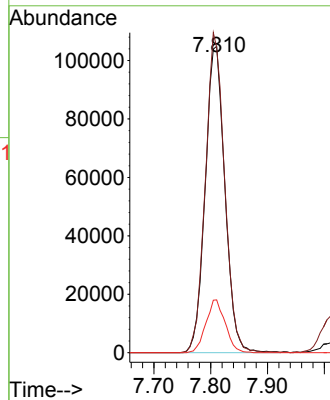
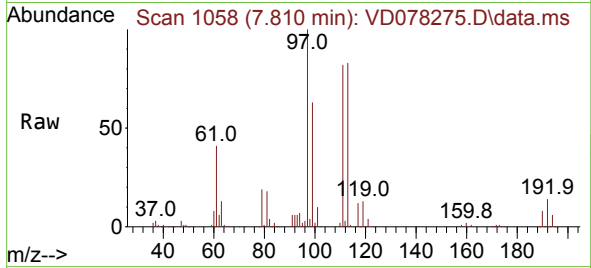




#35
Dibromofluoromethane
Concen: 150.861 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

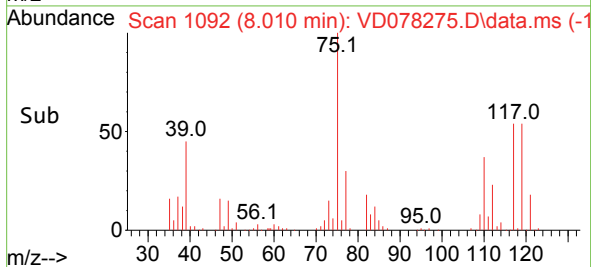
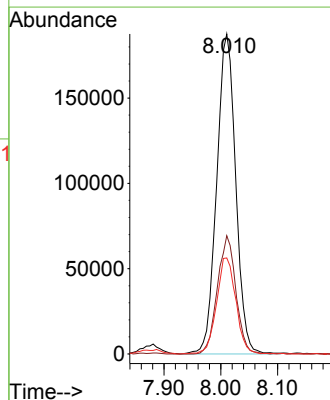
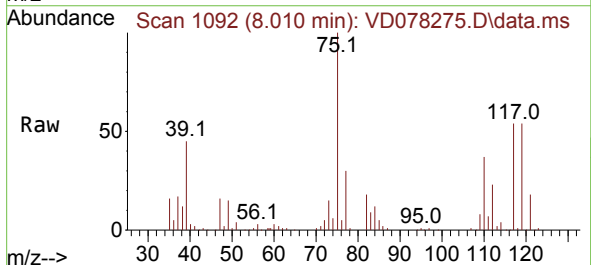
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

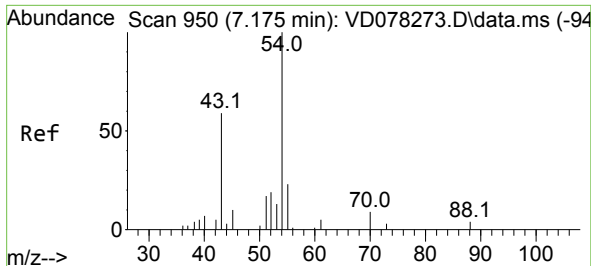
Tgt Ion:113 Resp: 252245
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 16.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 157.481 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 75 Resp: 436643
Ion Ratio Lower Upper
75 100
110 36.0 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 154.507 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

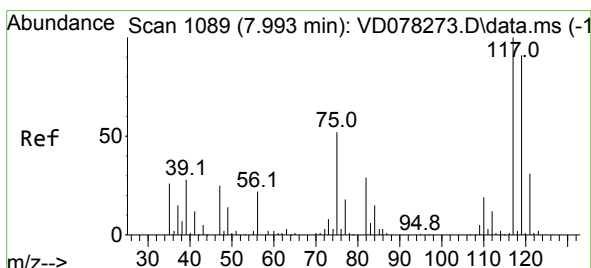
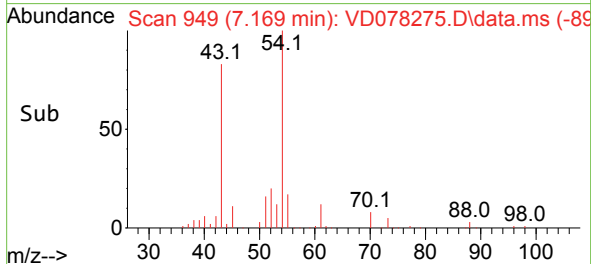
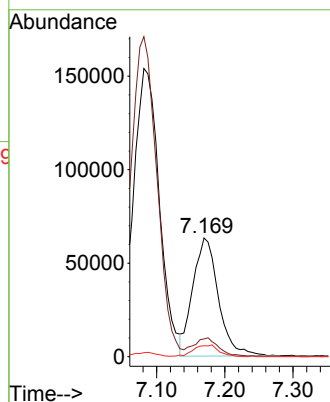
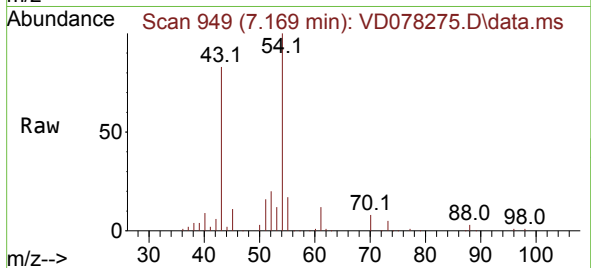
Tgt Ion: 43 Resp: 164881

Ion Ratio Lower Upper

43 100

61 15.5 14.9 22.3

70 9.8 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 156.086 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

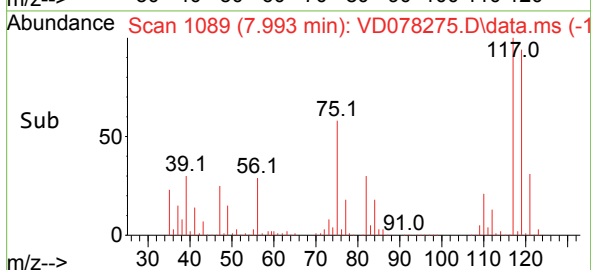
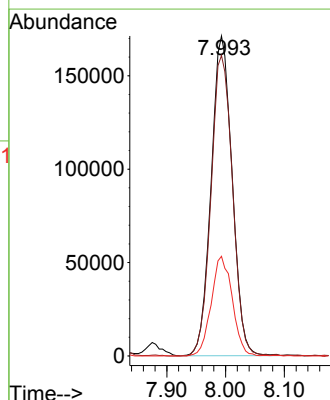
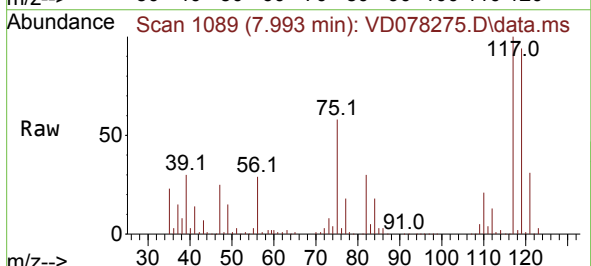
Tgt Ion: 117 Resp: 425530

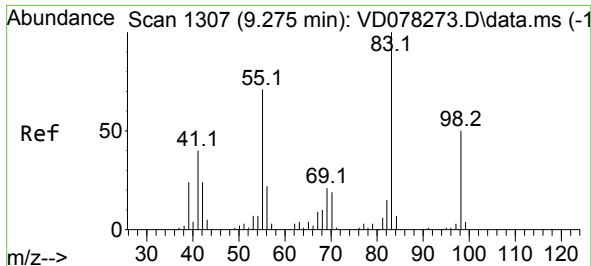
Ion Ratio Lower Upper

117 100

119 94.0 78.0 117.0

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 163.649 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

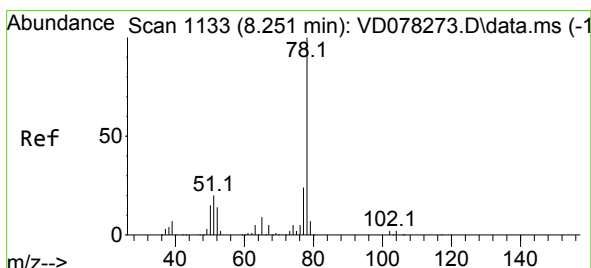
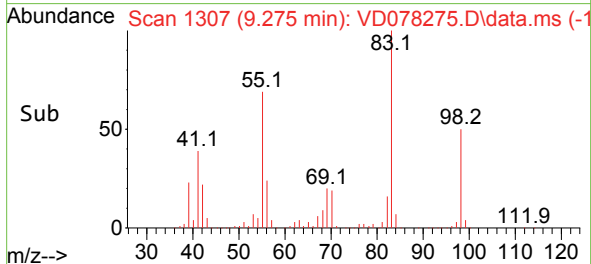
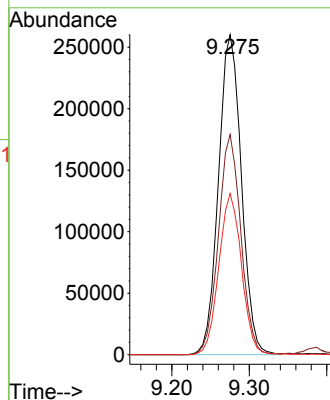
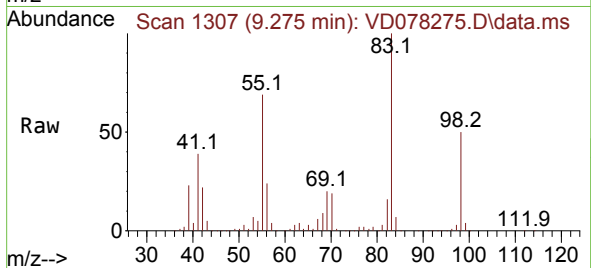
Tgt Ion: 83 Resp: 536469

Ion Ratio Lower Upper

83 100

55 68.8 49.4 74.0

98 50.3 38.4 57.6



#40

Benzene

Concen: 155.532 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078275.D

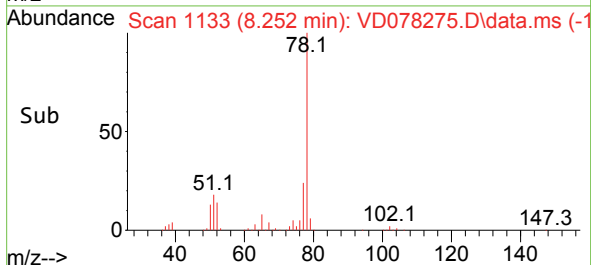
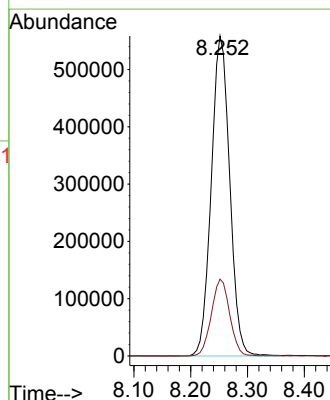
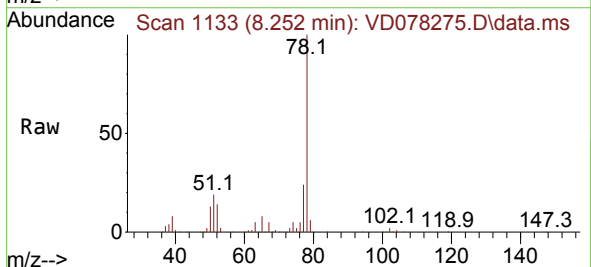
Acq: 30 Jan 2024 12:32

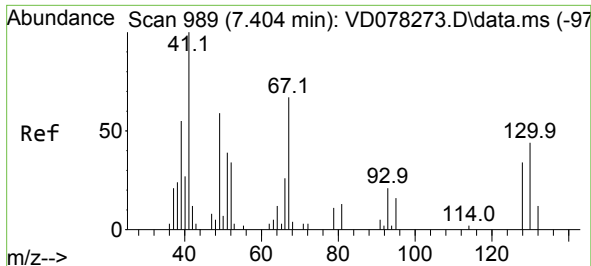
Tgt Ion: 78 Resp: 1258263

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0

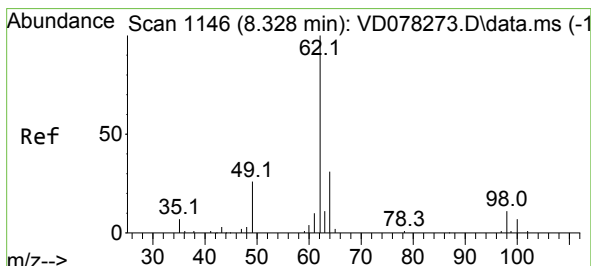
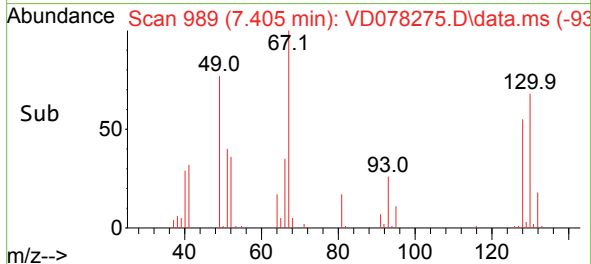
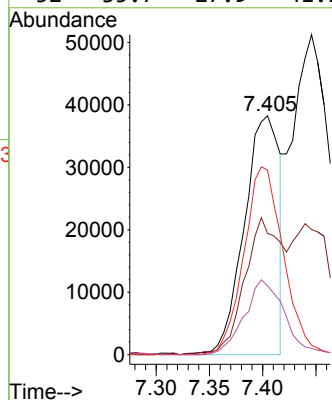
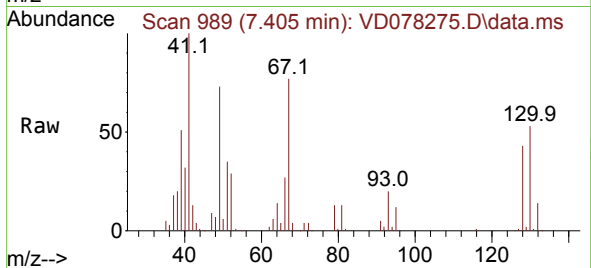




#41
Methacrylonitrile
Concen: 153.415 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

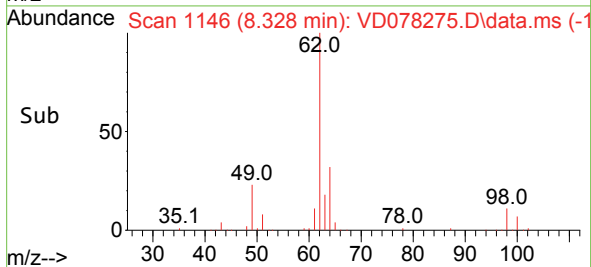
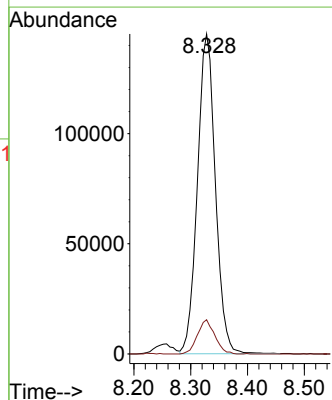
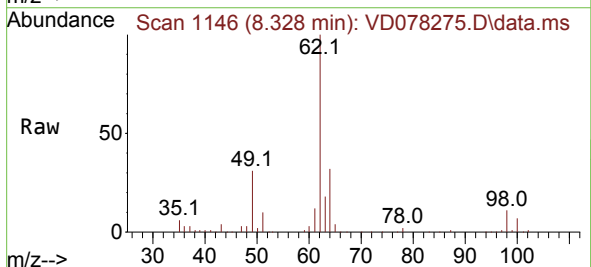
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

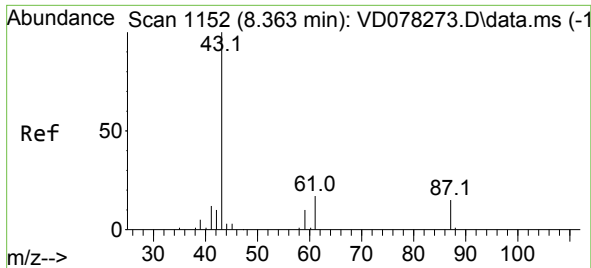
Tgt Ion: 41 Resp: 88017
Ion Ratio Lower Upper
41 100
39 61.5 34.0 51.0#
67 88.0 77.0 115.4
52 35.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 151.969 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 62 Resp: 318871
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4

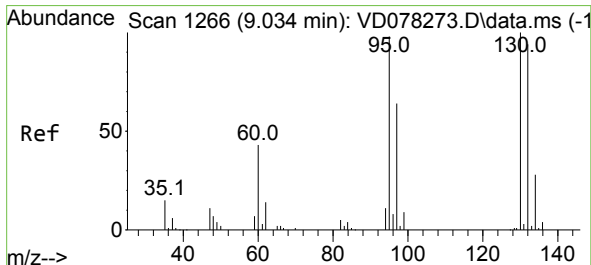
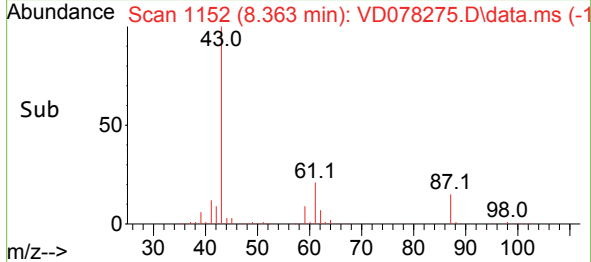
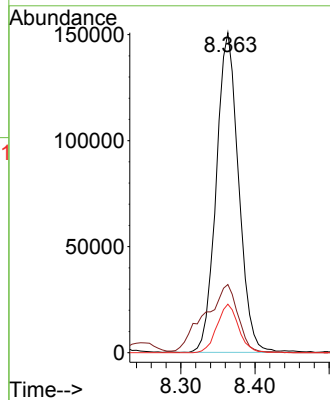
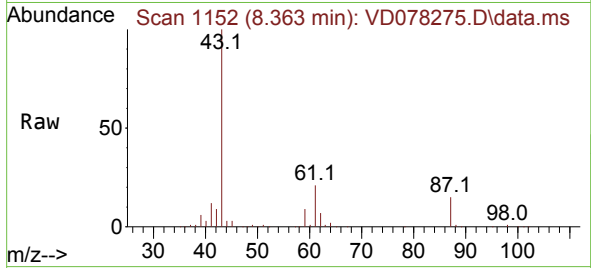




#43
Isopropyl Acetate
Concen: 164.684 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

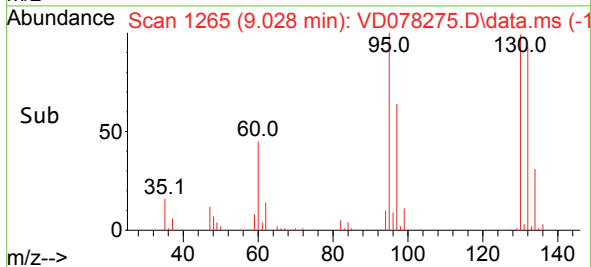
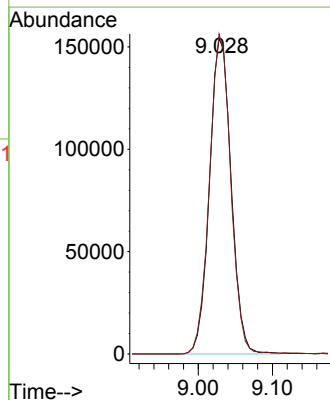
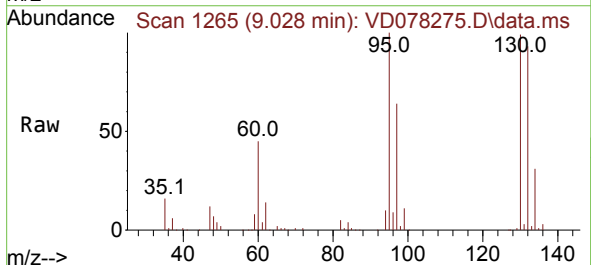
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

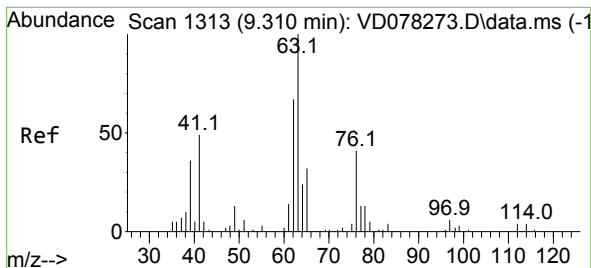
Tgt Ion: 43 Resp: 315101
Ion Ratio Lower Upper
43 100
61 31.8 31.4 47.0
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 157.298 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:130 Resp: 312481
Ion Ratio Lower Upper
130 100
95 101.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 153.880 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

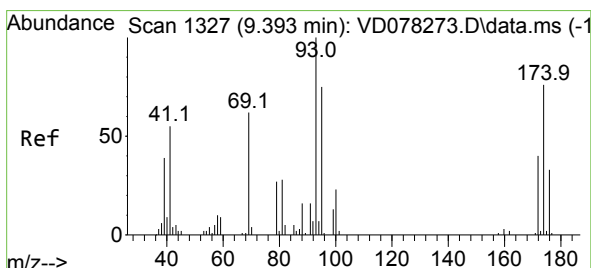
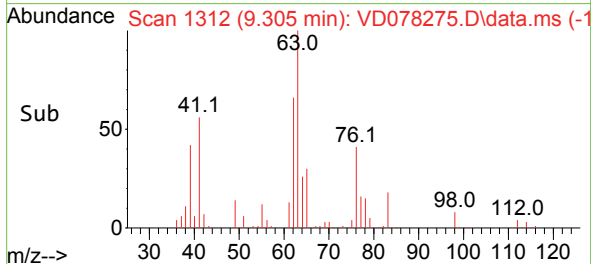
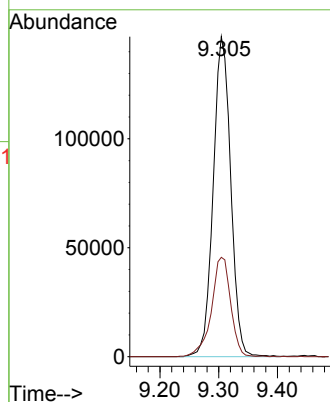
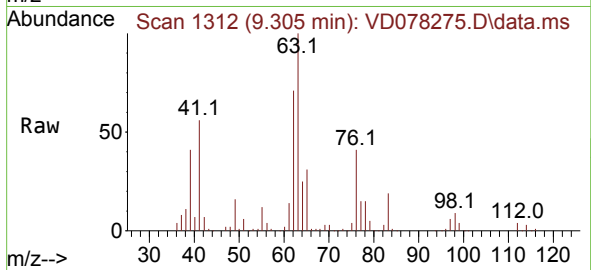
VSTDIC150

Tgt Ion: 63 Resp: 304378

Ion Ratio Lower Upper

63 100

65 31.1 24.5 36.7



#46

Dibromomethane

Concen: 154.274 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

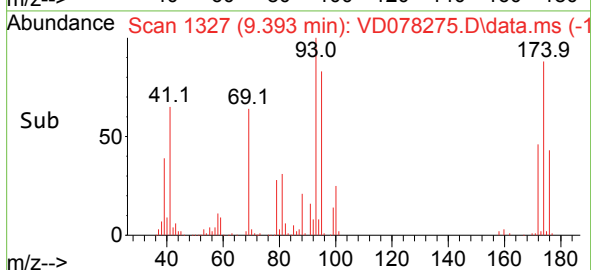
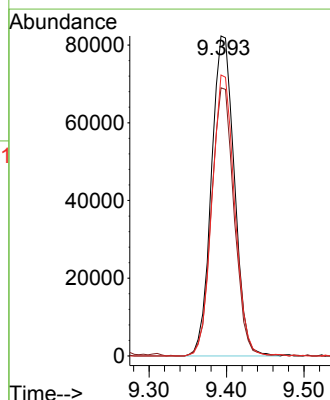
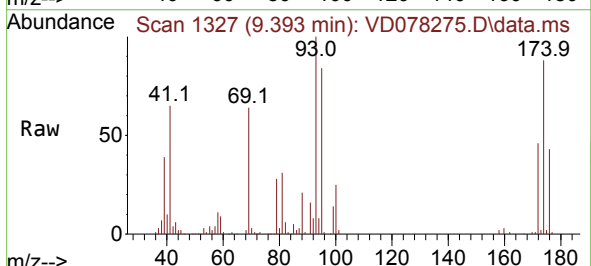
Tgt Ion: 93 Resp: 169313

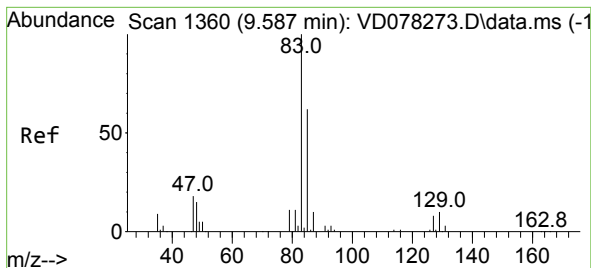
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 86.4 85.4 128.2





#47

Bromodichloromethane

Concen: 154.823 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

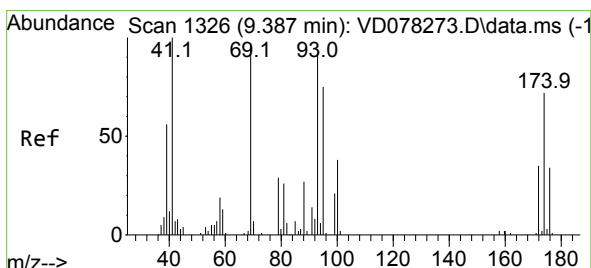
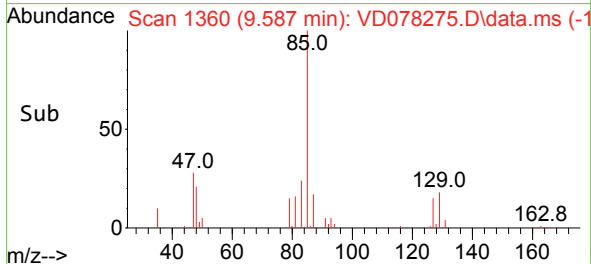
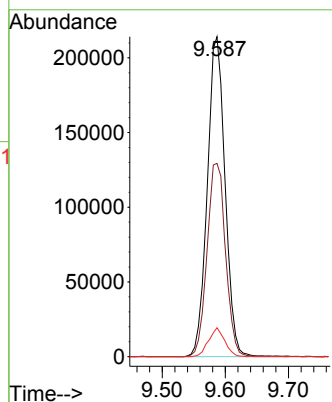
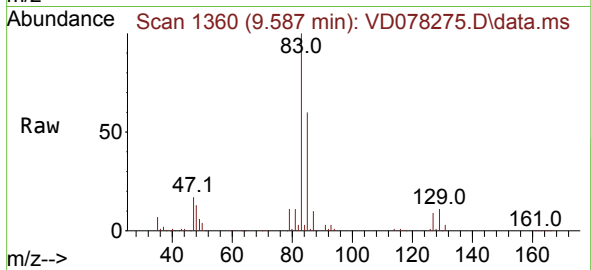
Tgt Ion: 83 Resp: 418049

Ion Ratio Lower Upper

83 100

85 60.4 50.2 75.4

127 9.1 6.3 9.5



#48

Methyl methacrylate

Concen: 168.409 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

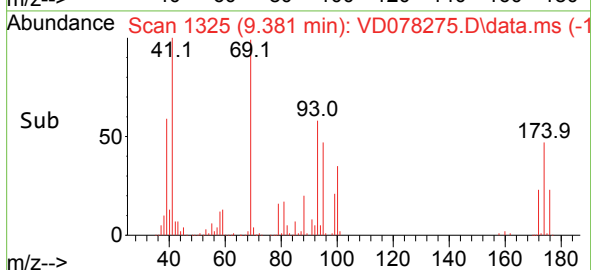
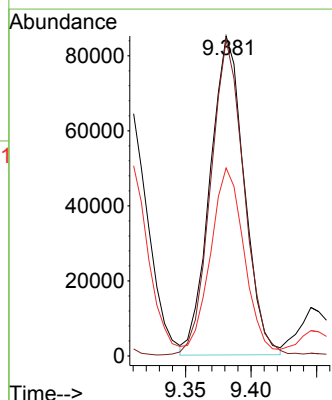
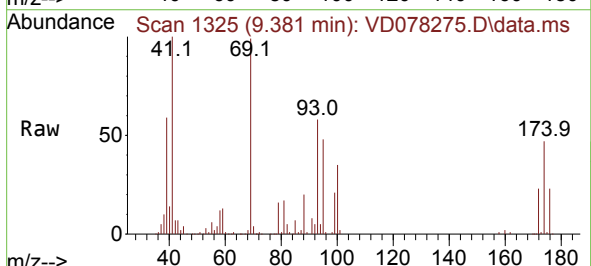
Tgt Ion: 41 Resp: 153977

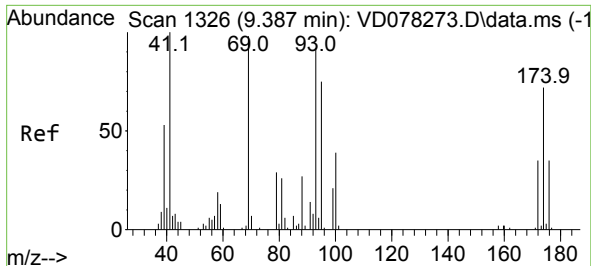
Ion Ratio Lower Upper

41 100

69 97.1 102.2 153.2#

39 54.5 41.4 62.2





#49

1,4-Dioxane

Concen: 3256.982 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

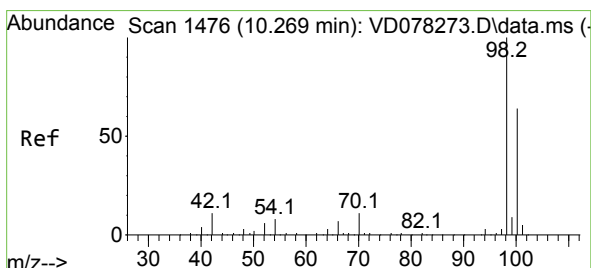
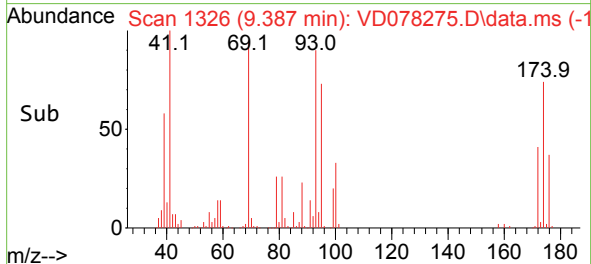
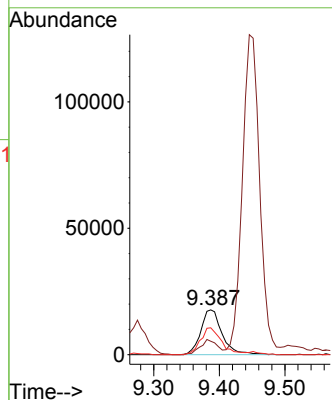
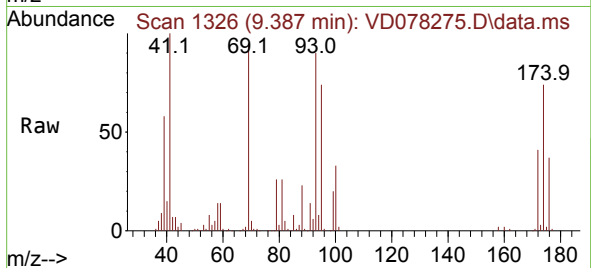
Tgt Ion: 88 Resp: 40097

Ion Ratio Lower Upper

88 100

43 27.1 19.0 28.6

58 58.9 43.5 65.3



#50

Toluene-d8

Concen: 159.358 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078275.D

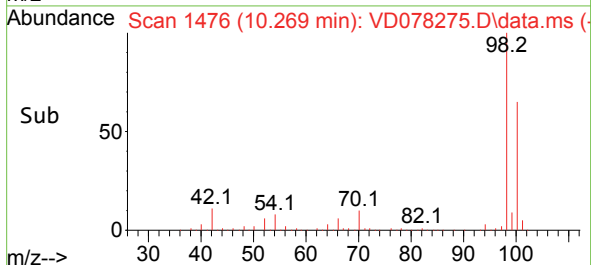
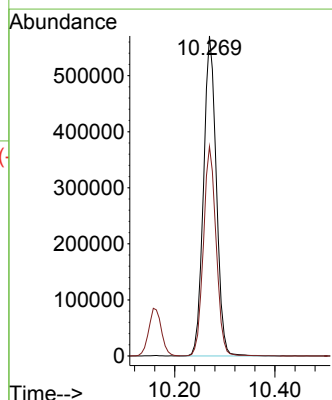
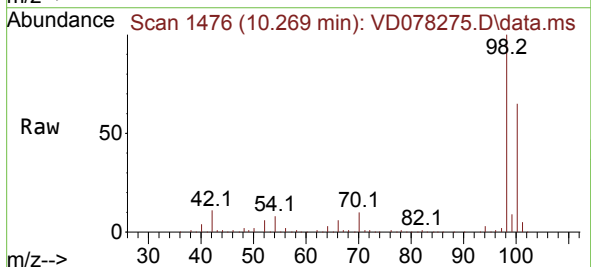
Acq: 30 Jan 2024 12:32

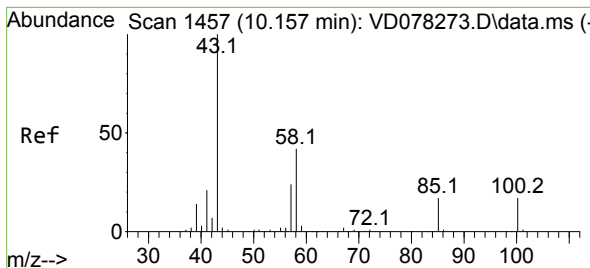
Tgt Ion: 98 Resp: 1008804

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

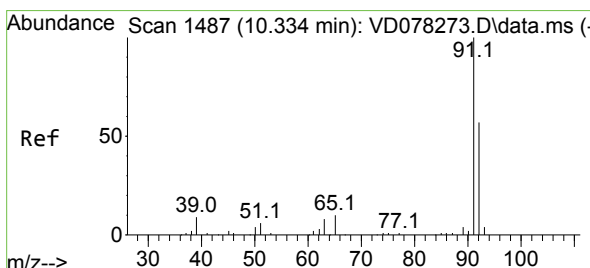
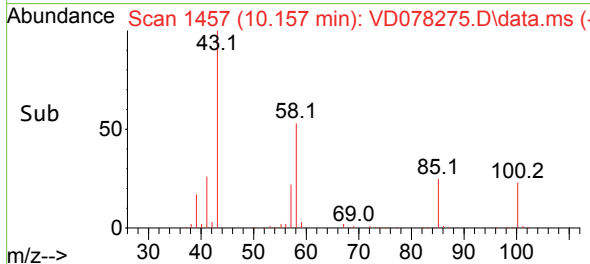
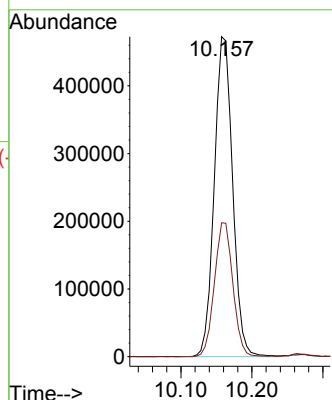
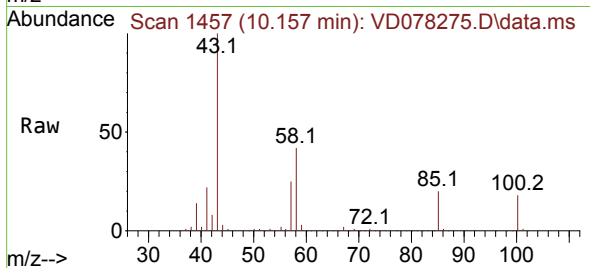




#51
4-Methyl-2-Pentanone
Concen: 818.289 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

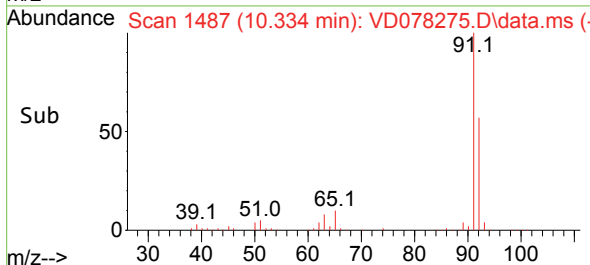
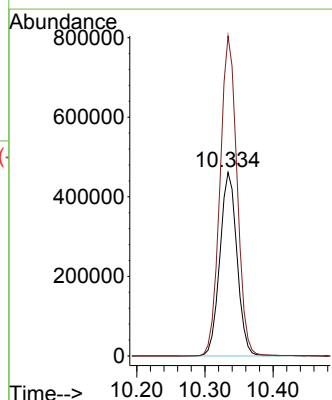
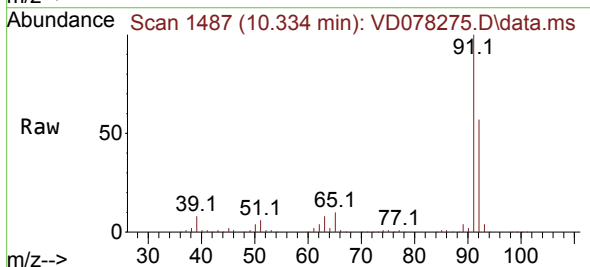
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

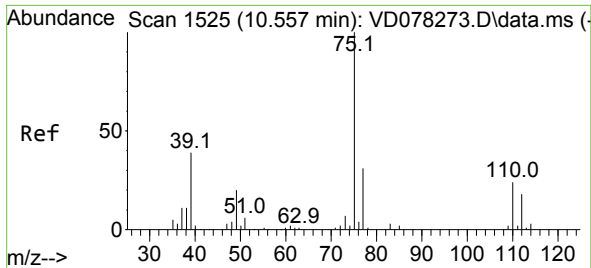
Tgt Ion: 43 Resp: 846983
Ion Ratio Lower Upper
43 100
58 42.1 38.9 58.3



#52
Toluene
Concen: 164.142 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 92 Resp: 805460
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

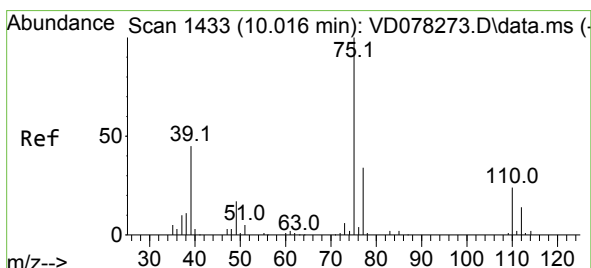
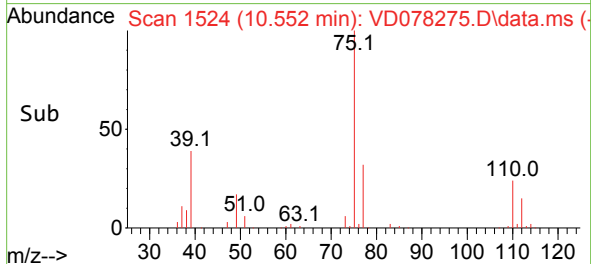
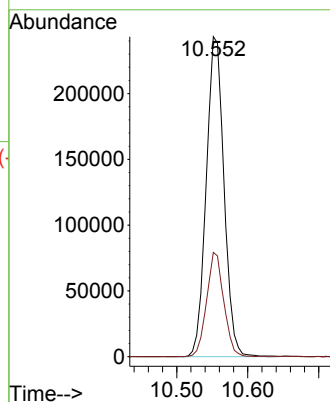
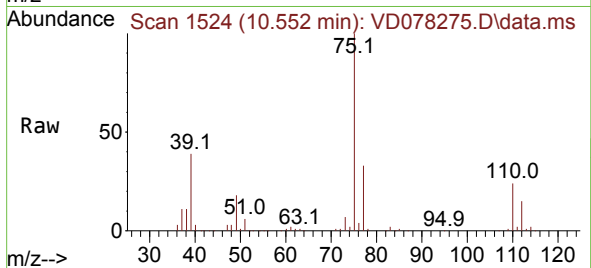




#53
 t-1,3-Dichloropropene
 Concen: 167.856 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

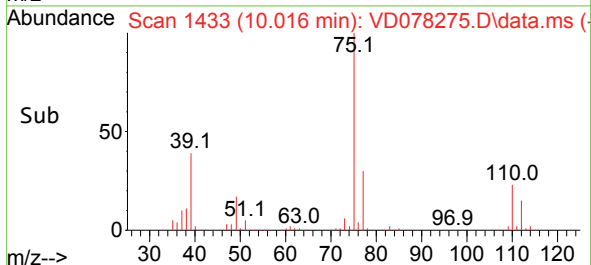
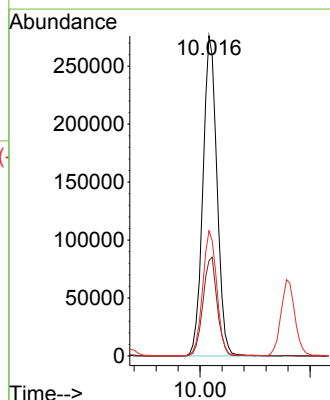
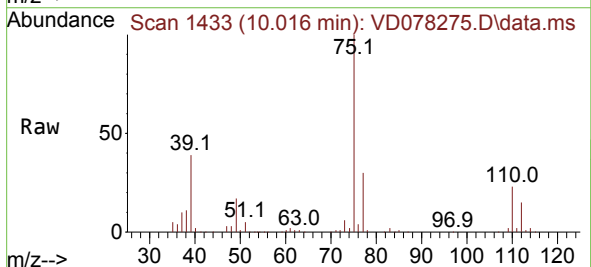
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

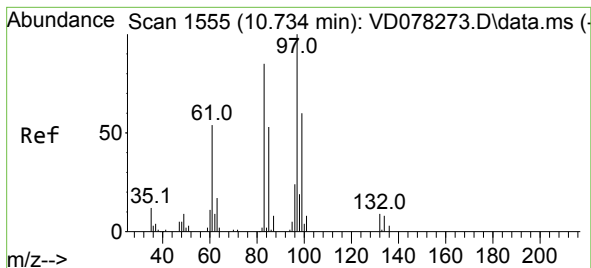
Tgt Ion: 75 Resp: 423348
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 164.386 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

Tgt Ion: 75 Resp: 490833
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.5 38.3
 39 39.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 159.409 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 228299

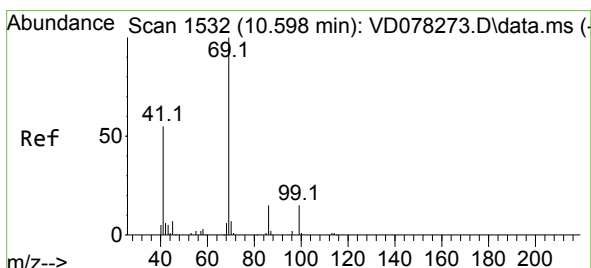
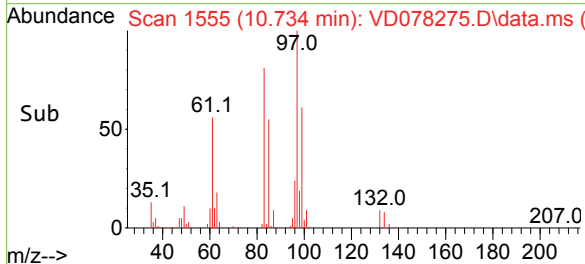
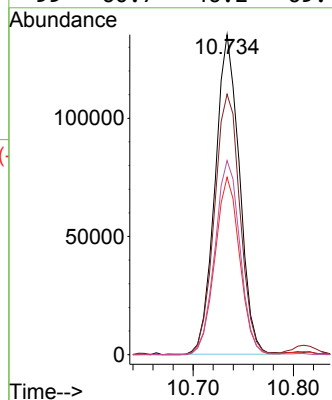
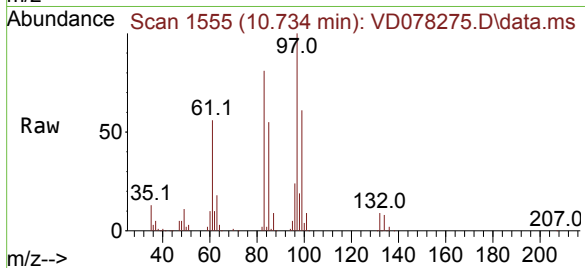
Ion Ratio Lower Upper

97 100

83 81.5 65.8 98.6

85 55.5 45.7 68.5

99 60.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 175.082 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

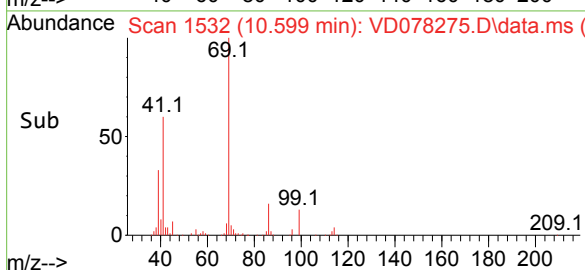
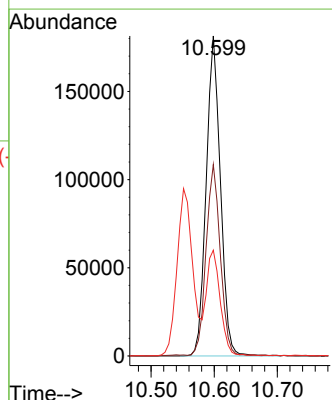
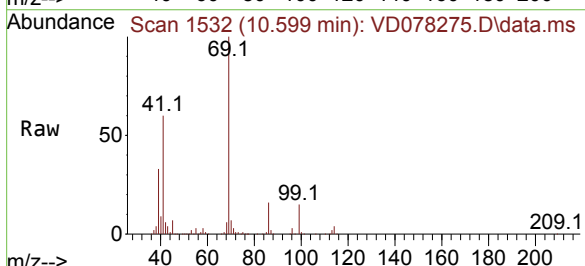
Tgt Ion: 69 Resp: 284409

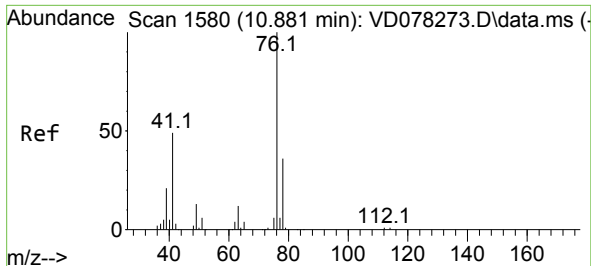
Ion Ratio Lower Upper

69 100

41 59.6 39.1 58.7#

39 31.3 20.0 30.0#

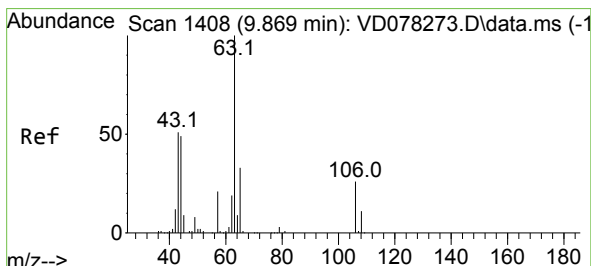
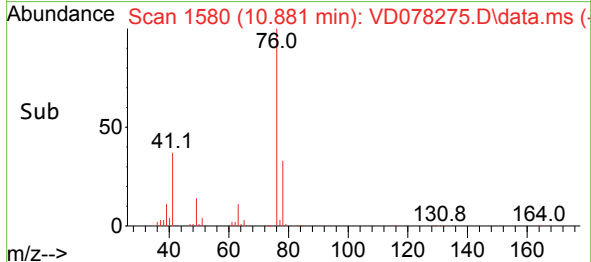
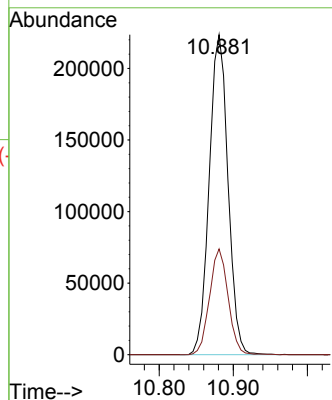
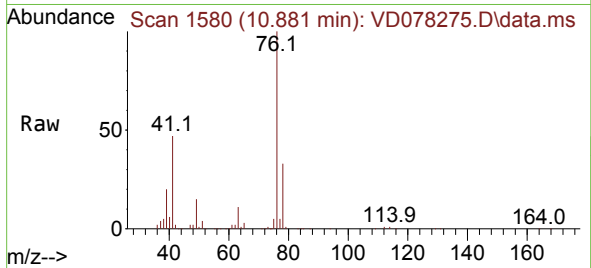




#57
1,3-Dichloropropane
Concen: 159.269 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

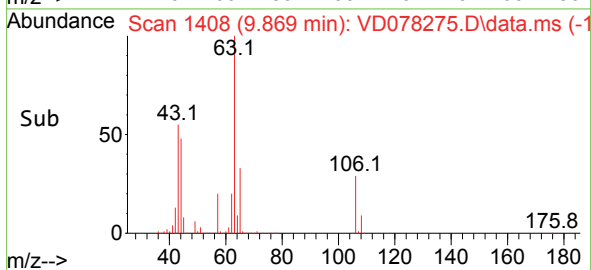
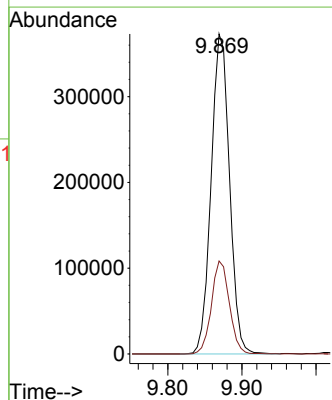
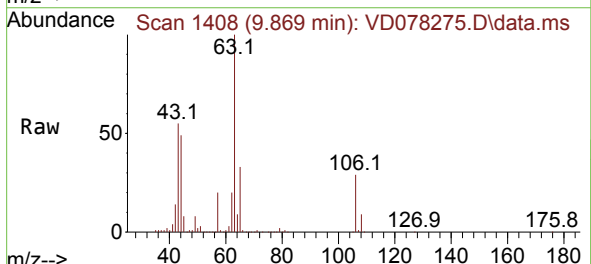
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

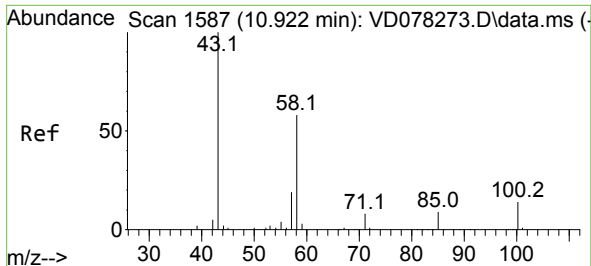
Tgt Ion: 76 Resp: 393303
Ion Ratio Lower Upper
76 100
78 32.7 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 870.050 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 63 Resp: 642731
Ion Ratio Lower Upper
63 100
106 28.3 25.3 37.9

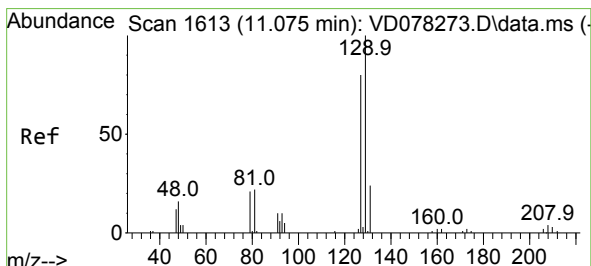
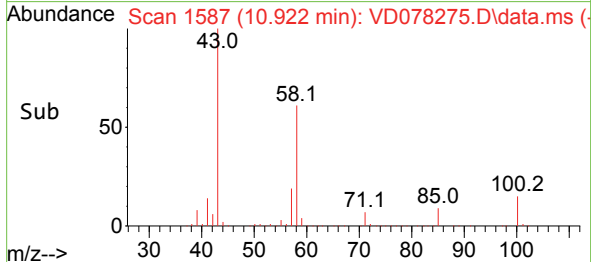
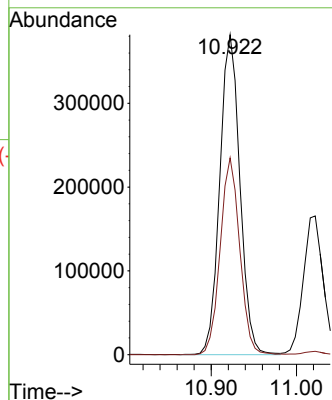
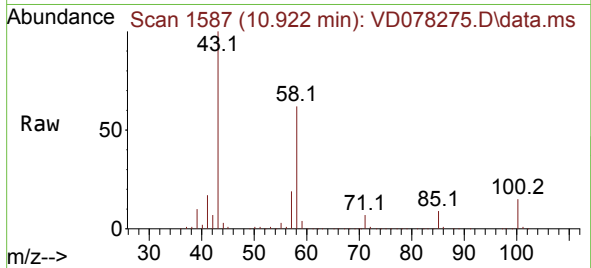




#59
2-Hexanone
Concen: 803.096 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

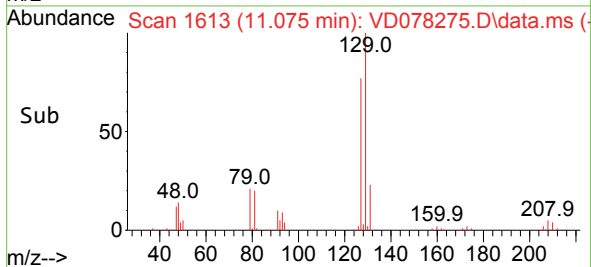
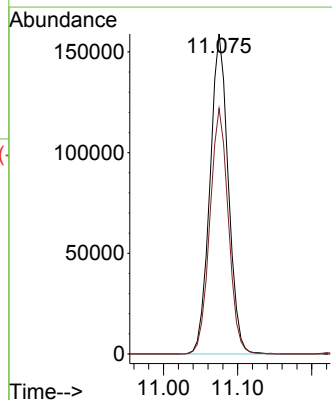
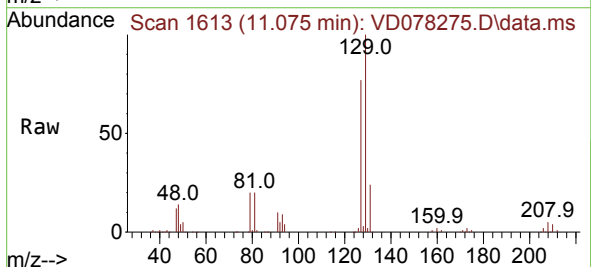
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

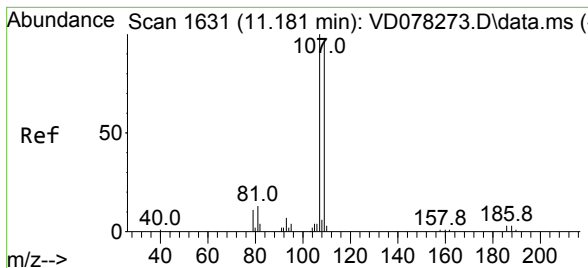
Tgt Ion: 43 Resp: 626045
Ion Ratio Lower Upper
43 100
58 59.8 34.1 102.2



#60
Dibromochloromethane
Concen: 164.190 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 129 Resp: 272966
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

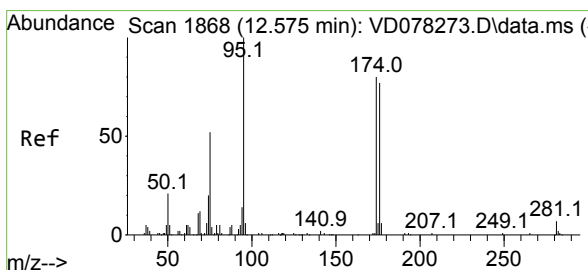
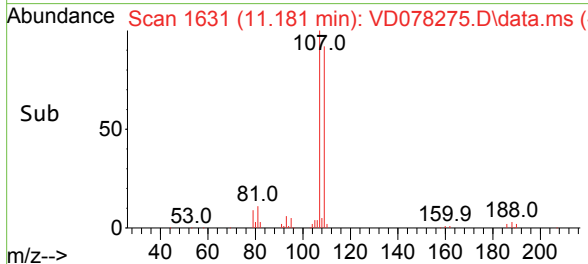
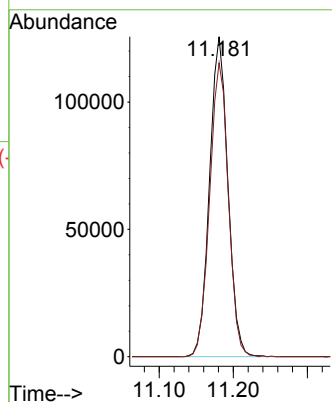
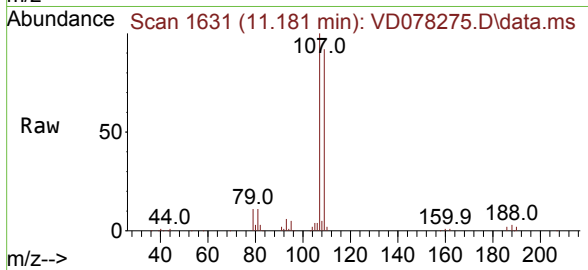




#61
1,2-Dibromoethane
Concen: 160.067 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

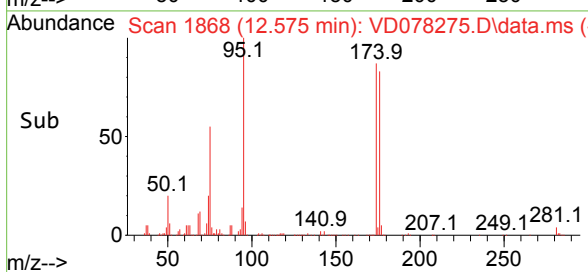
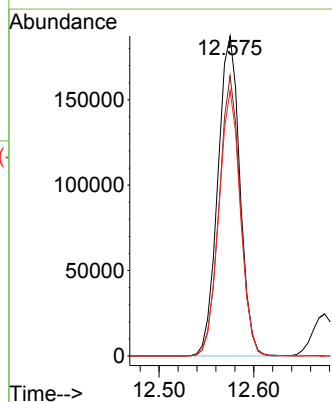
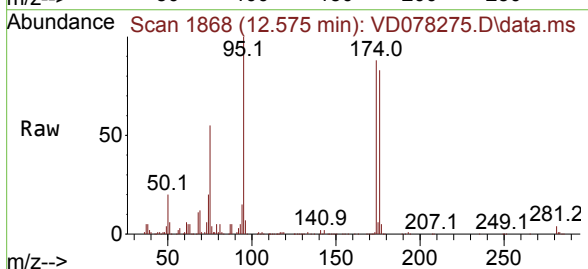
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

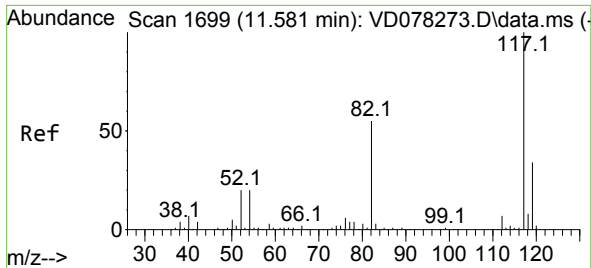
Tgt Ion:107 Resp: 216435
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 159.897 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 95 Resp: 303131
Ion Ratio Lower Upper
95 100
174 83.9 0.0 201.8
176 80.9 0.0 191.8

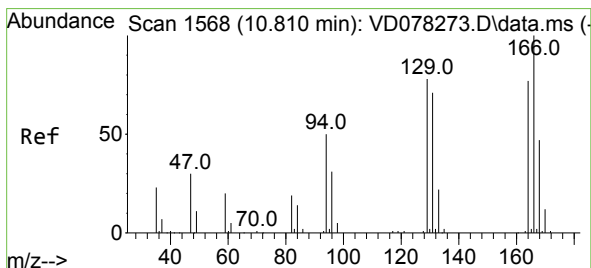
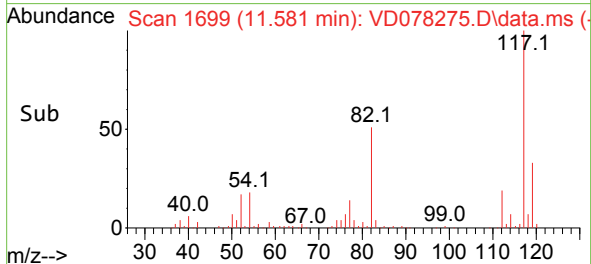
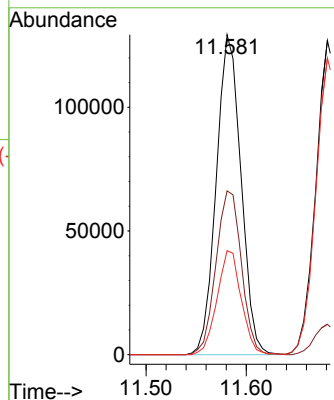
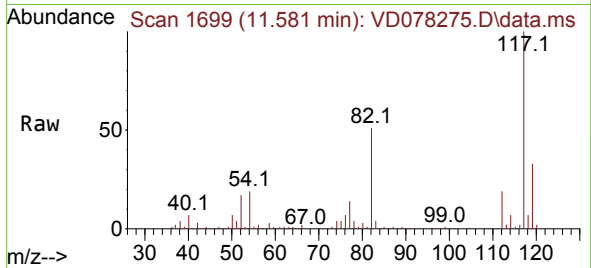




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

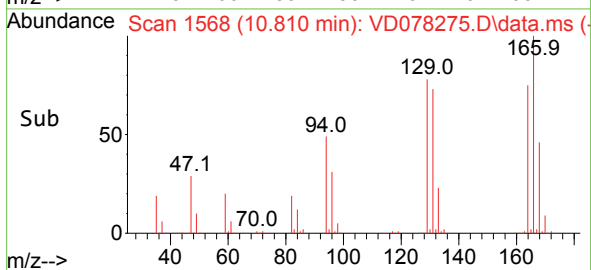
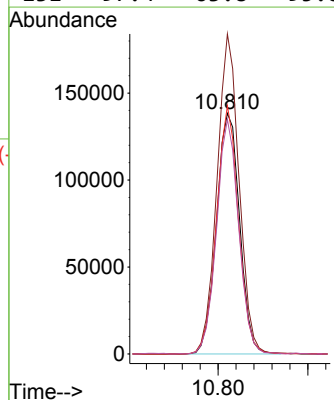
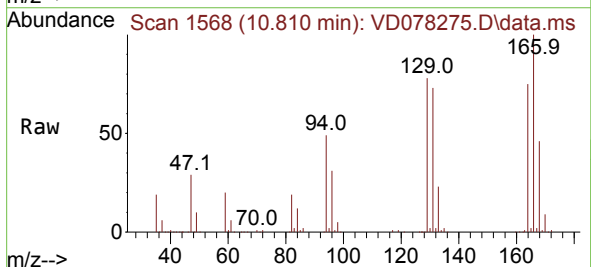
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

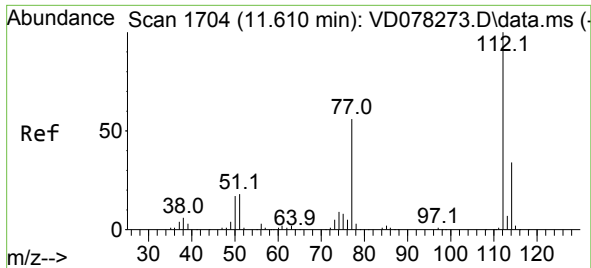
Tgt Ion:117 Resp: 221310
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 160.335 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:164 Resp: 247488
Ion Ratio Lower Upper
164 100
166 133.0 99.2 148.8
129 103.1 68.4 102.6#
131 97.4 63.8 95.8#

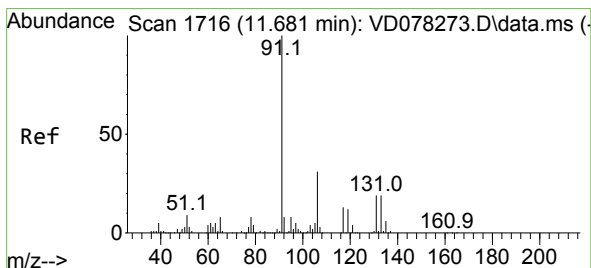
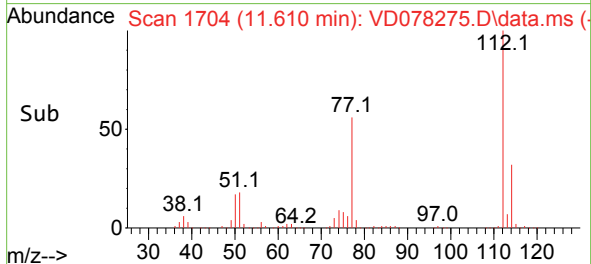
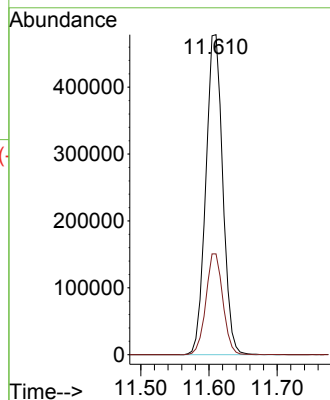
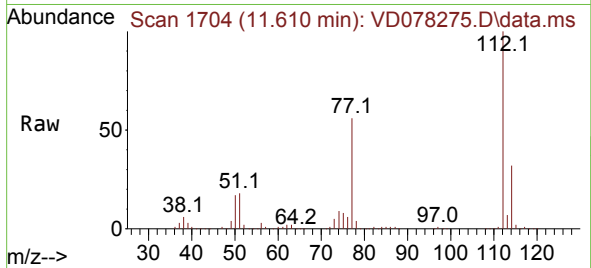




#65
Chlorobenzene
Concen: 156.077 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

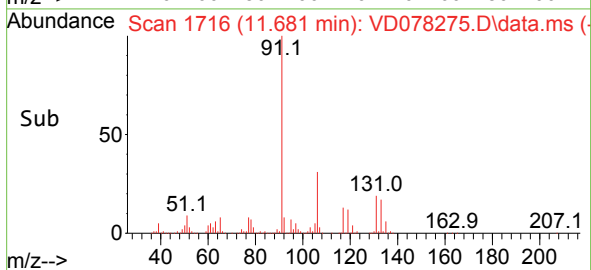
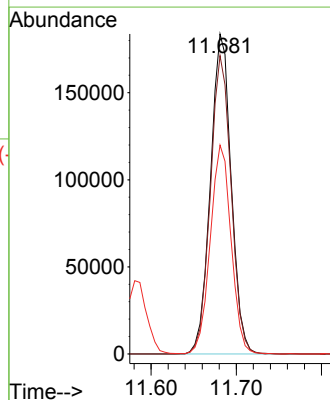
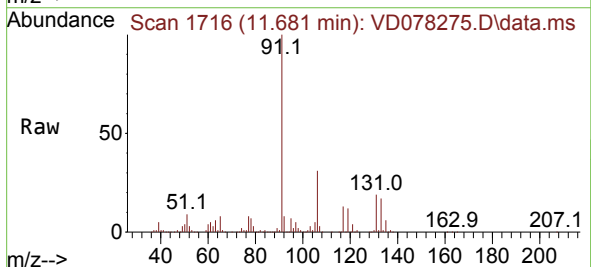
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

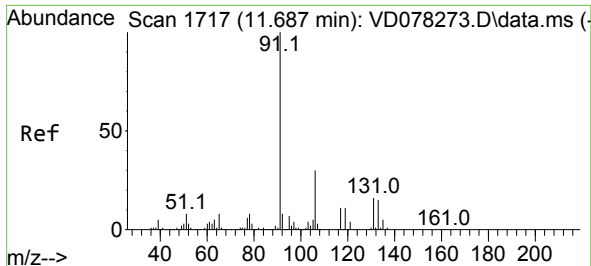
Tgt Ion:112 Resp: 826372
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 164.782 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:131 Resp: 310634
Ion Ratio Lower Upper
131 100
133 93.5 48.5 145.5
119 65.5 35.6 106.9

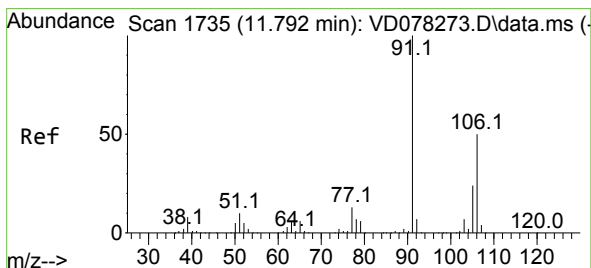
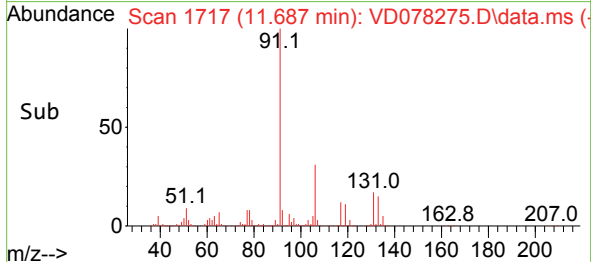
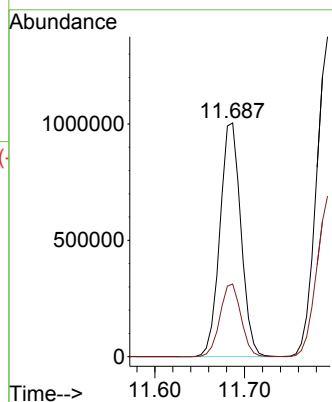
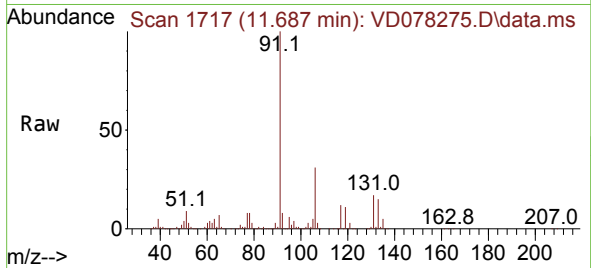




#67
Ethyl Benzene
Concen: 170.031 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

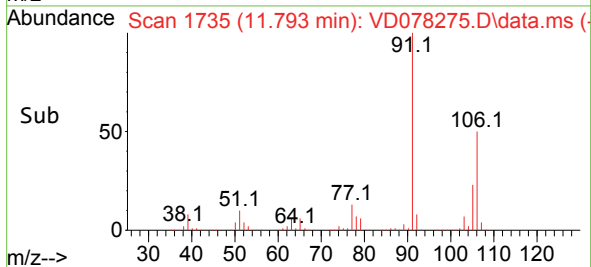
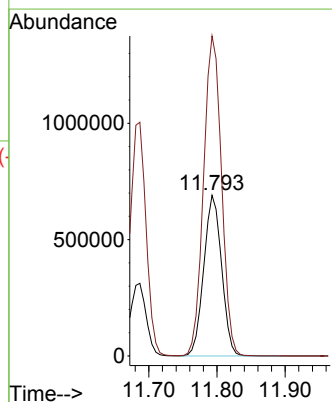
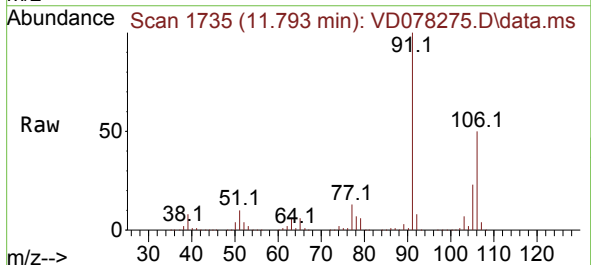
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

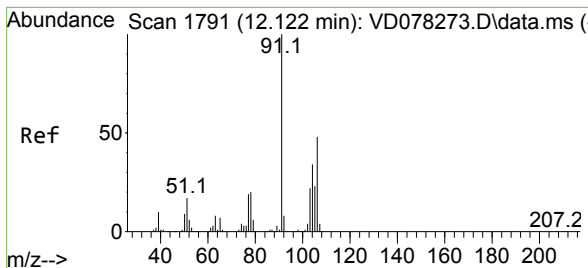
Tgt Ion: 91 Resp: 1630732
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 339.832 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:106 Resp: 1253917
Ion Ratio Lower Upper
106 100
91 201.3 147.0 220.6

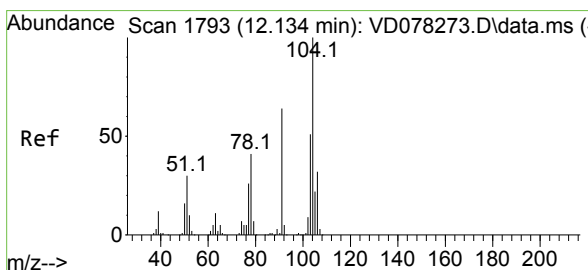
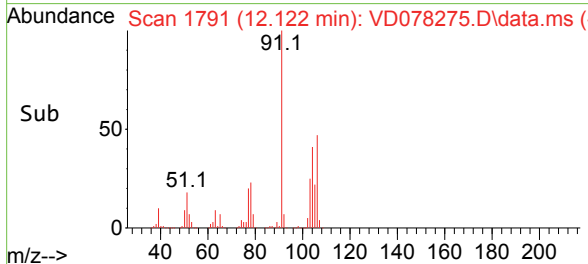
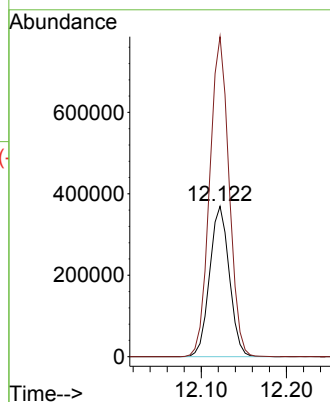
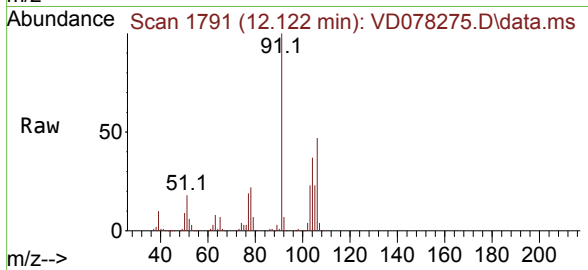




#69
o-Xylene
Concen: 174.225 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

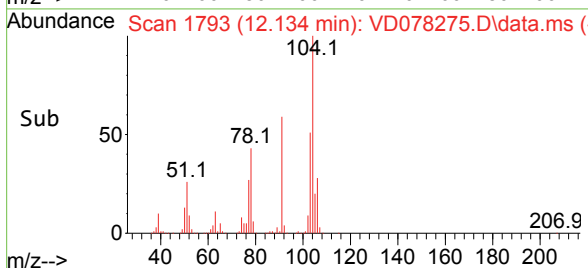
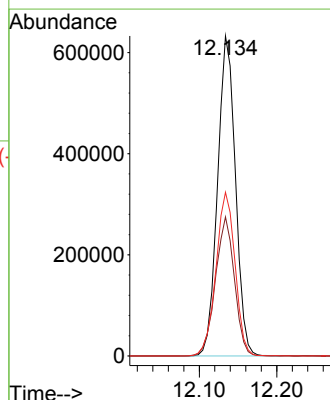
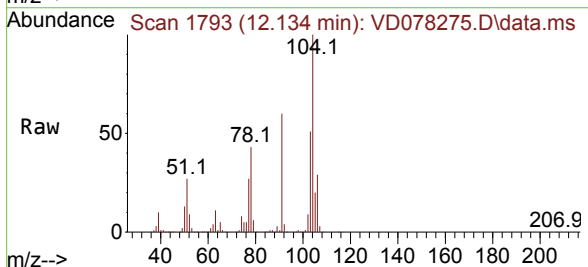
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

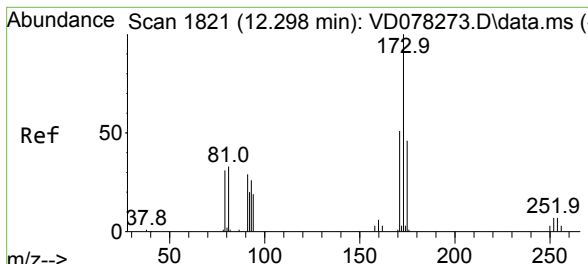
Tgt Ion:106 Resp: 590786
Ion Ratio Lower Upper
106 100
91 210.4 97.9 293.6



#70
Styrene
Concen: 174.897 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:104 Resp: 1012812
Ion Ratio Lower Upper
104 100
78 46.2 33.2 49.8
103 54.7 43.6 65.4

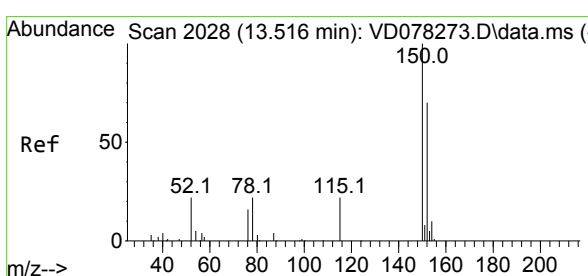
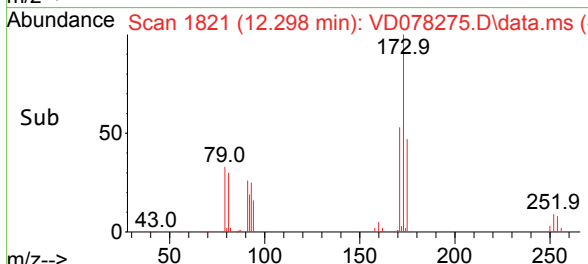
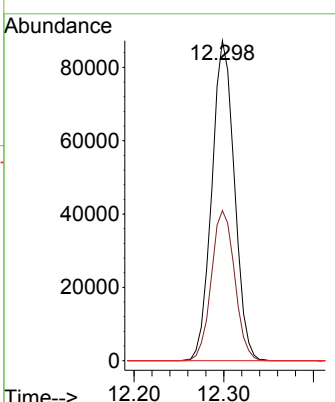
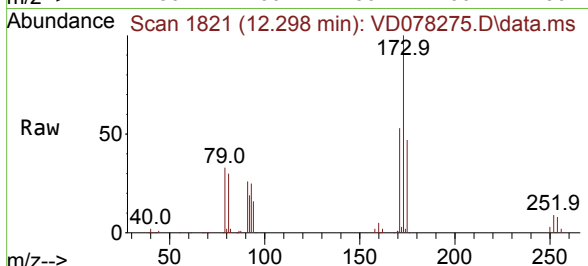




#71
 Bromoform
 Concen: 164.532 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

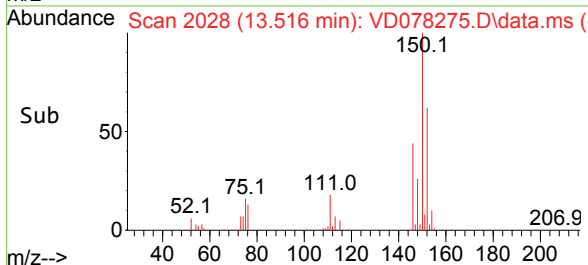
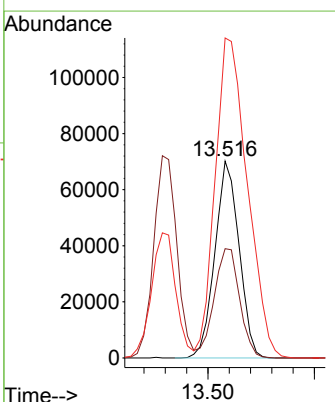
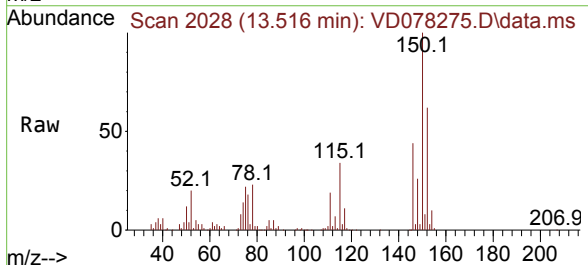
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

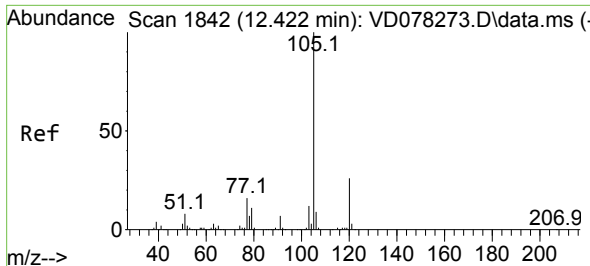
Tgt Ion:	173	Resp:	152758
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078275.D
 Acq: 30 Jan 2024 12:32

Tgt Ion:	152	Resp:	110347
Ion Ratio	Lower	Upper	
152	100		
115	58.8	27.1	81.3
150	217.1	0.0	353.6

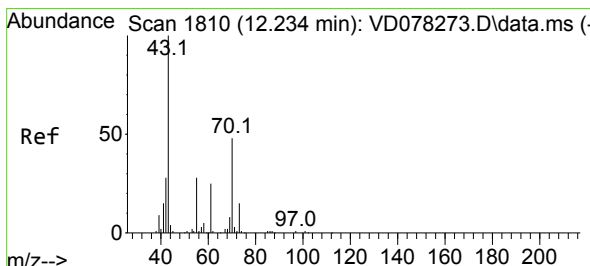
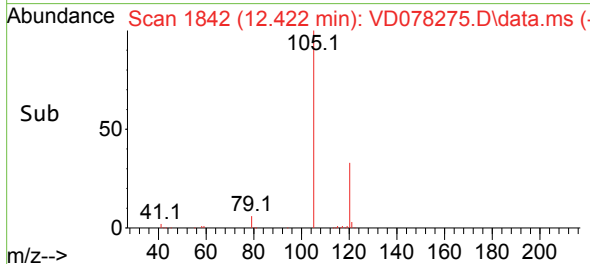
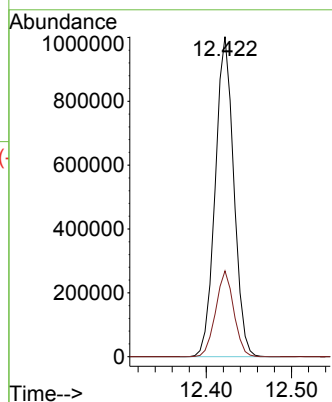
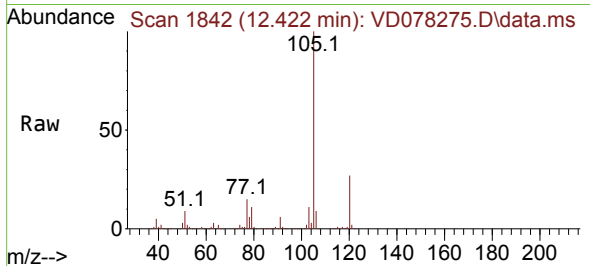




#73
Isopropylbenzene
Concen: 161.811 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

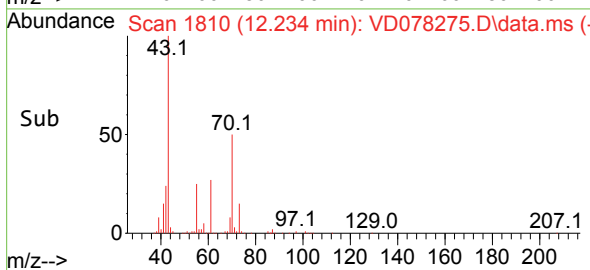
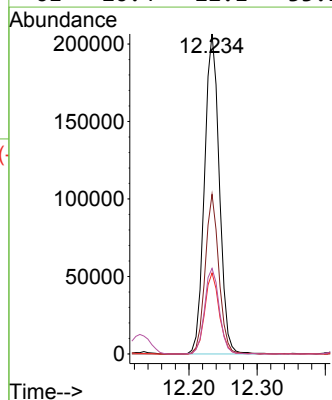
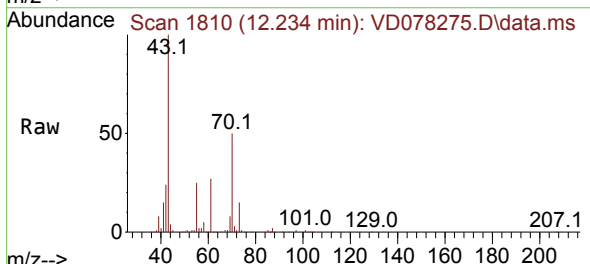
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

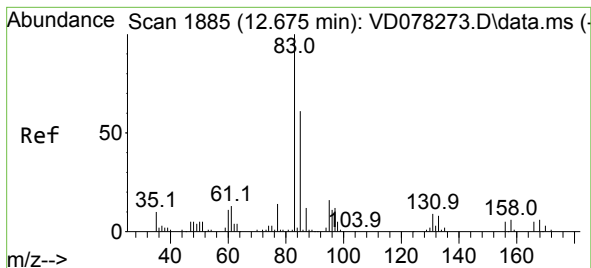
Tgt Ion:105 Resp: 1510714
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 161.962 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 43 Resp: 312740
Ion Ratio Lower Upper
43 100
70 46.0 45.0 67.4
55 24.8 23.8 35.6
61 26.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 146.198 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

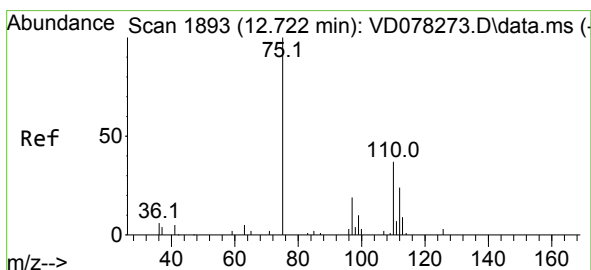
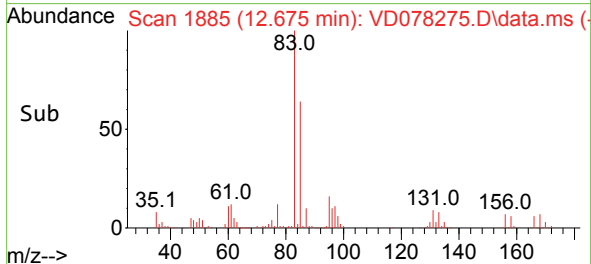
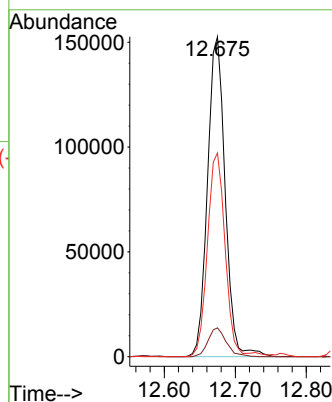
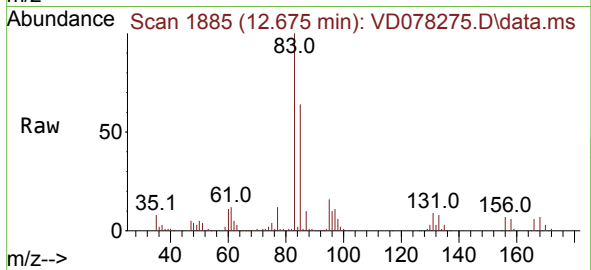
Tgt Ion: 83 Resp: 263593

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 63.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 285.395 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078275.D

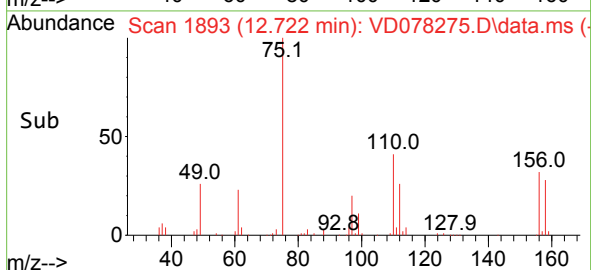
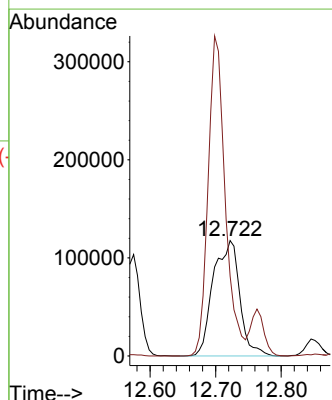
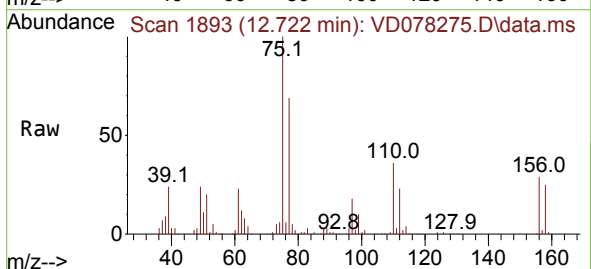
Acq: 30 Jan 2024 12:32

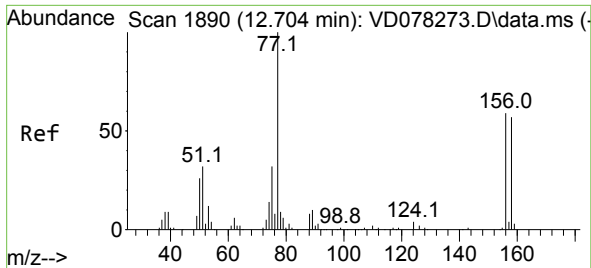
Tgt Ion: 75 Resp: 329156

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

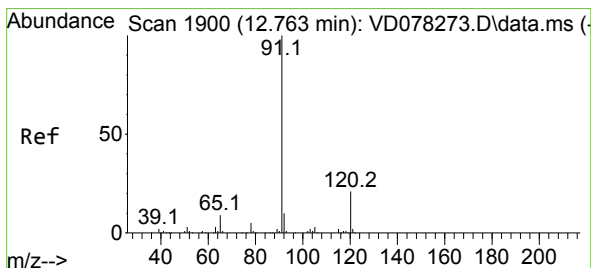
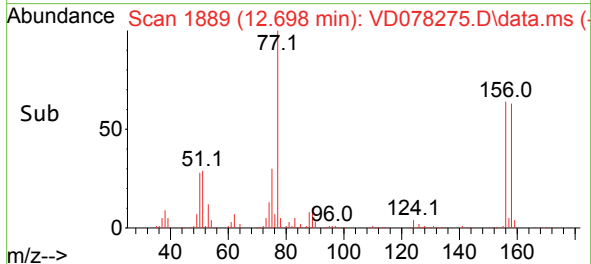
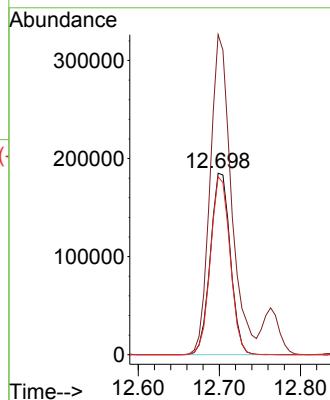
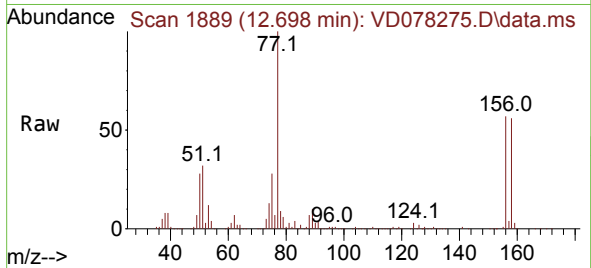




#77
Bromobenzene
Concen: 153.929 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

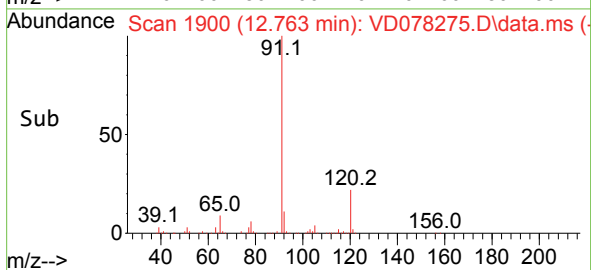
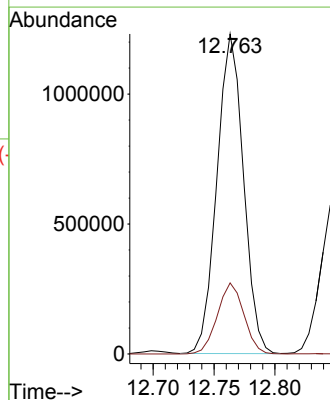
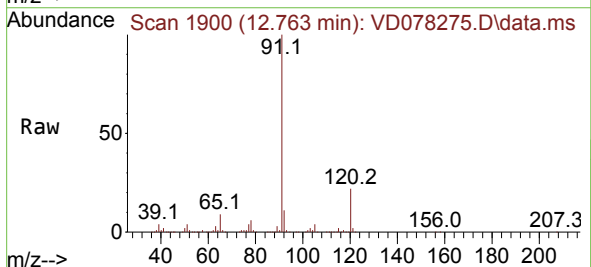
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

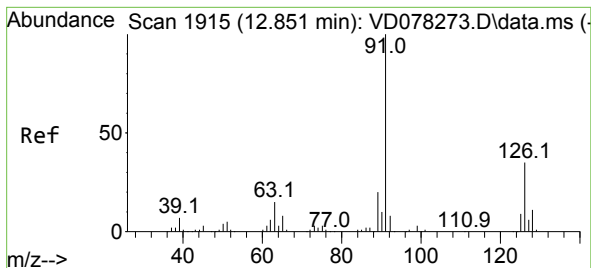
Tgt Ion:156 Resp: 316254
Ion Ratio Lower Upper
156 100
77 188.2 76.8 230.4
158 96.4 48.6 145.9



#78
n-propylbenzene
Concen: 160.230 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion: 91 Resp: 1863506
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 155.660 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

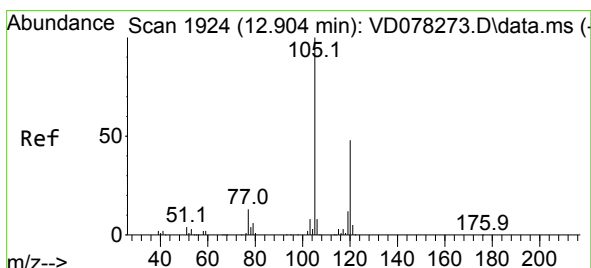
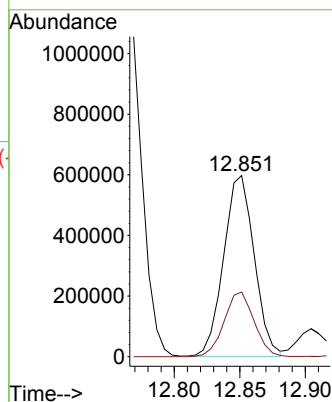
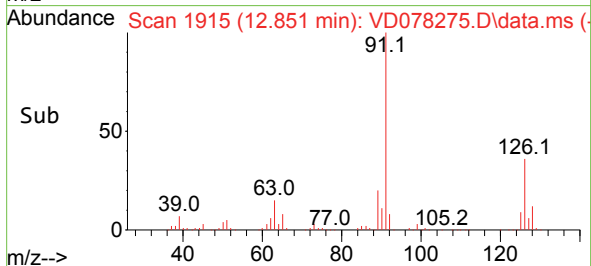
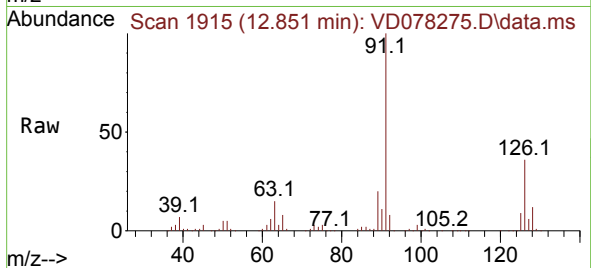
VSTDIC150

Tgt Ion: 91 Resp: 969103

Ion Ratio Lower Upper

91 100

126 35.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 164.761 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078275.D

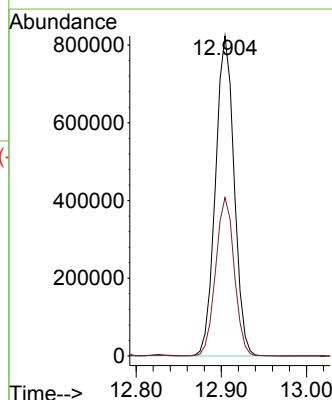
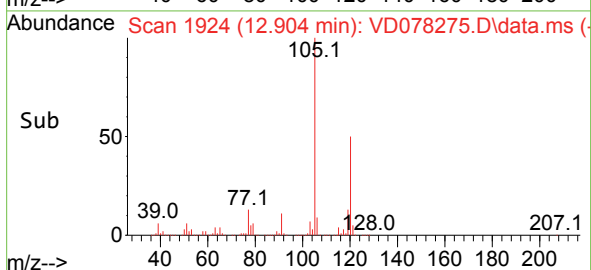
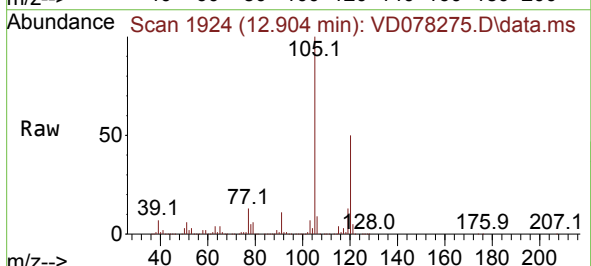
Acq: 30 Jan 2024 12:32

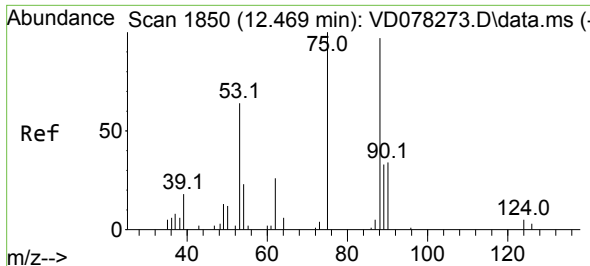
Tgt Ion: 105 Resp: 1251410

Ion Ratio Lower Upper

105 100

120 49.4 26.4 79.2

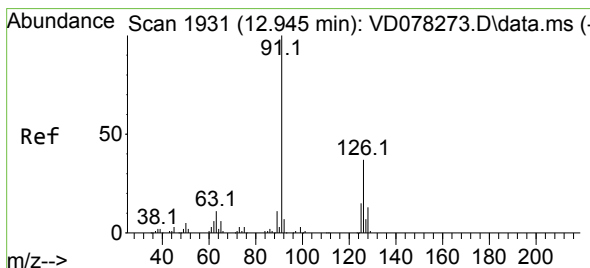
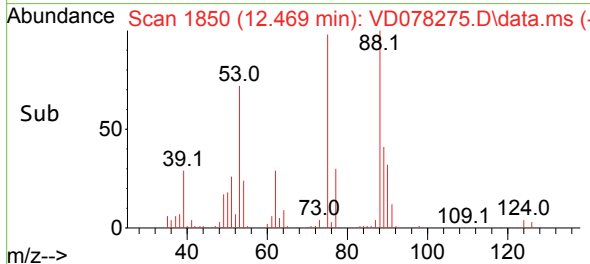
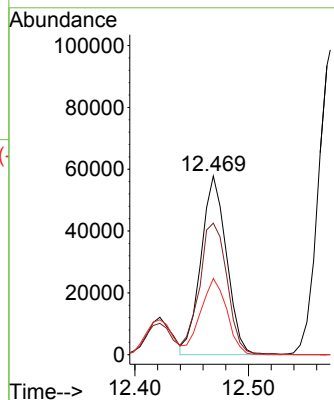
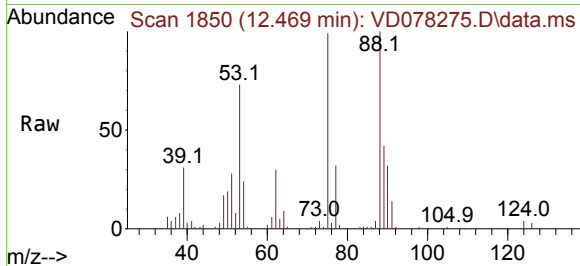




#81
trans-1,4-Dichloro-2-butene
Concen: 156.080 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

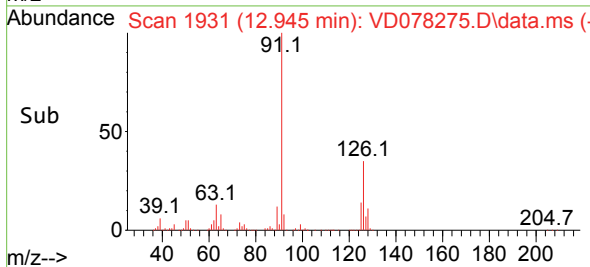
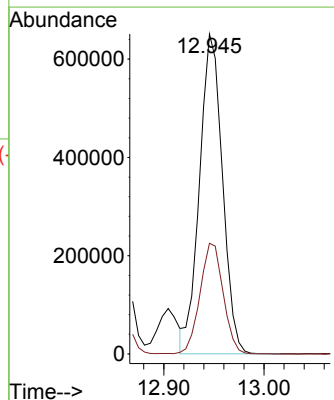
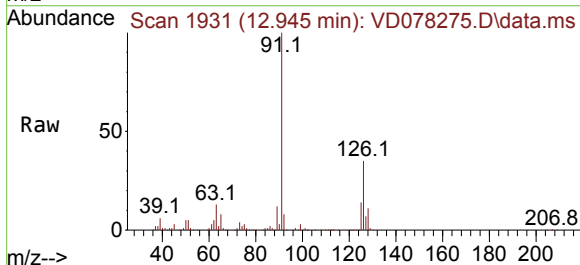
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

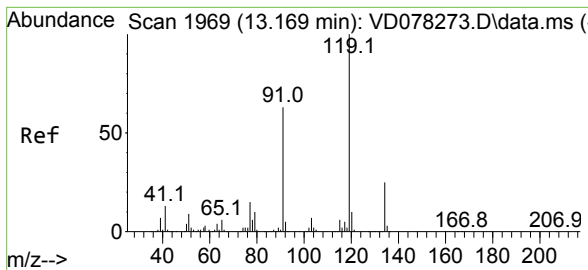
Tgt Ion:	75	Resp:	90513
Ion	Ratio	Lower	Upper
75	100		
53	80.2	63.0	94.4
89	44.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 156.100 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:	91	Resp:	1036073
Ion	Ratio	Lower	Upper
91	100		
126	35.1	19.4	58.4

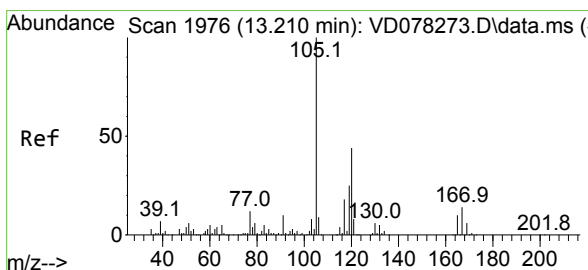
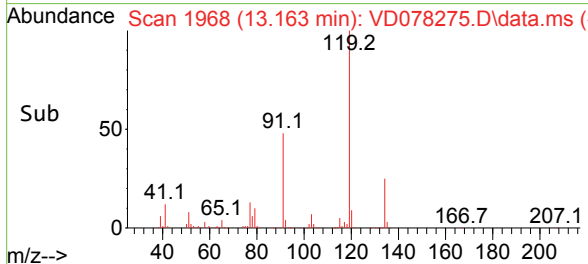
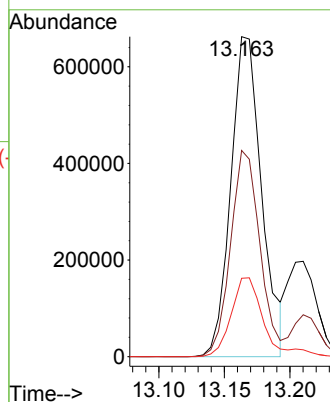
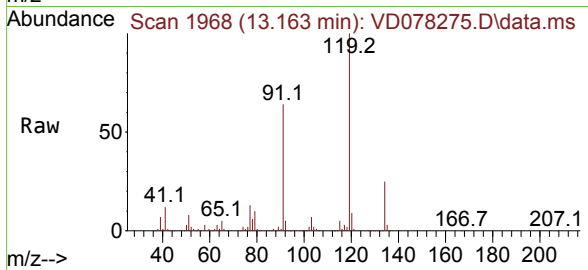




#83
tert-Butylbenzene
Concen: 167.221 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

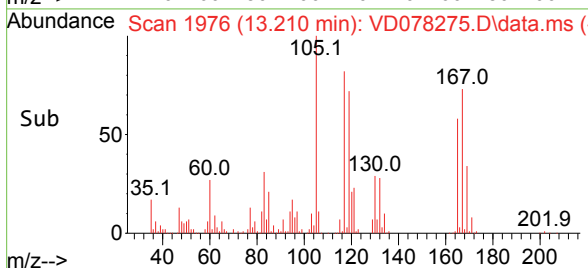
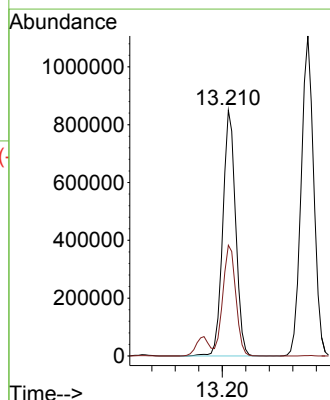
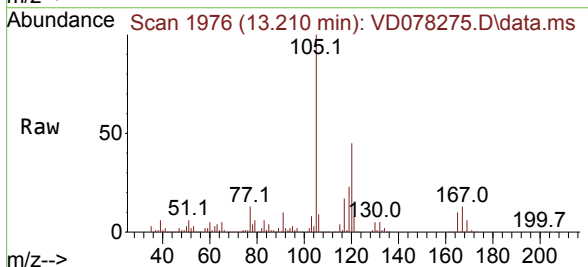
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

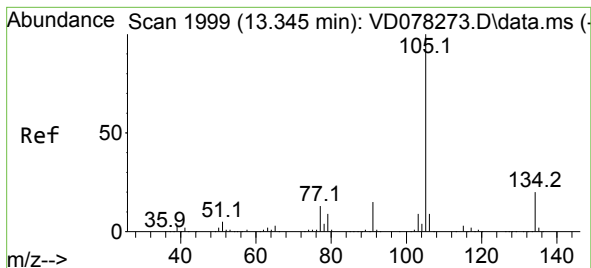
Tgt Ion:119 Resp: 1083737
Ion Ratio Lower Upper
119 100
91 61.4 29.3 87.8
134 26.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 167.674 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:105 Resp: 1288480
Ion Ratio Lower Upper
105 100
120 45.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 161.076 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

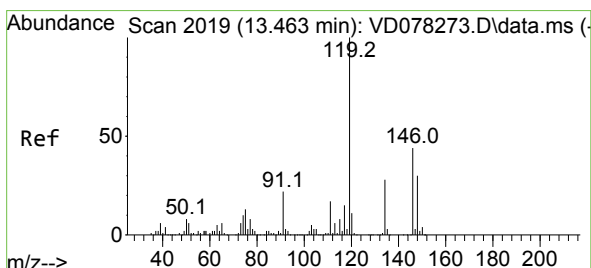
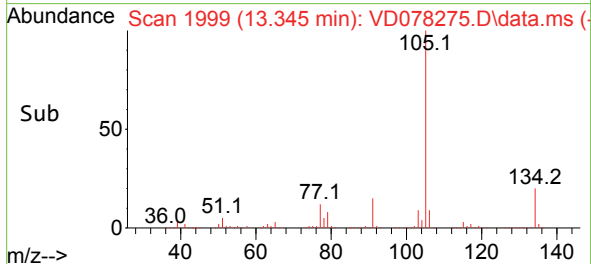
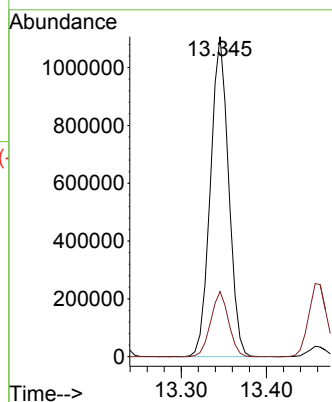
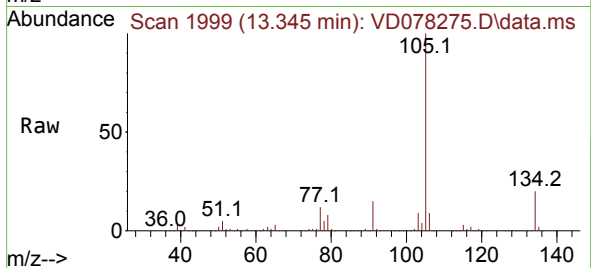
VSTDIC150

Tgt Ion:105 Resp: 1638372

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 172.862 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

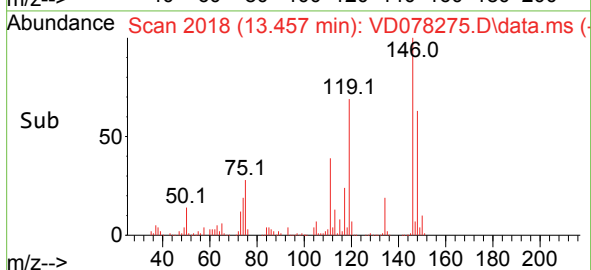
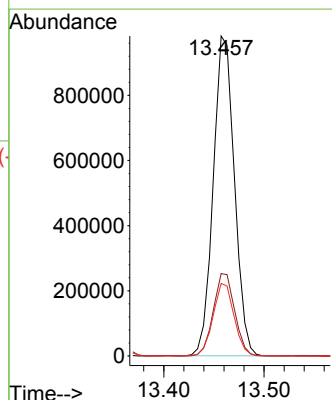
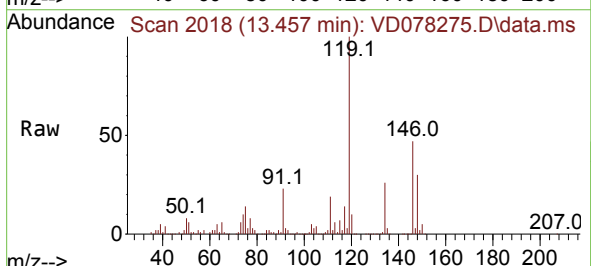
Tgt Ion:119 Resp: 1440109

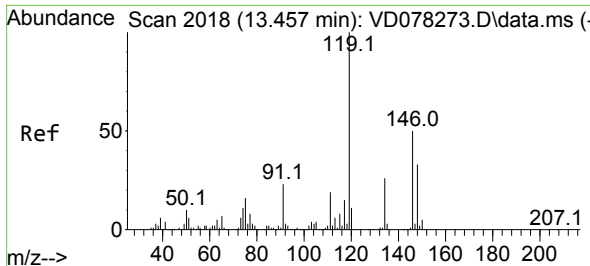
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 22.5 10.5 31.5

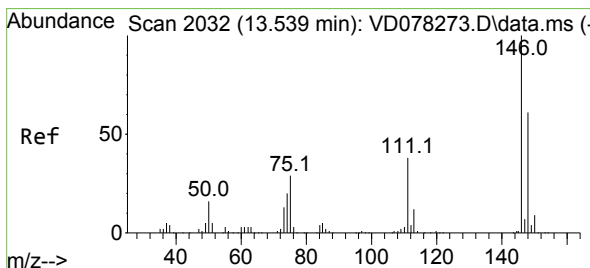
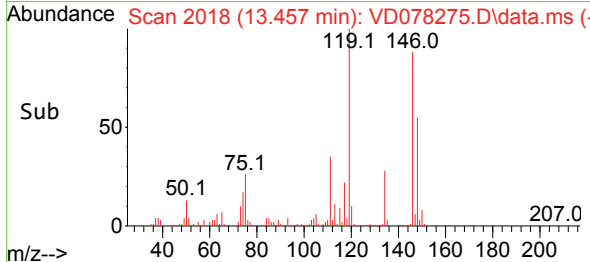
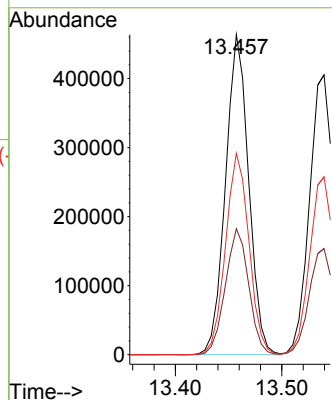
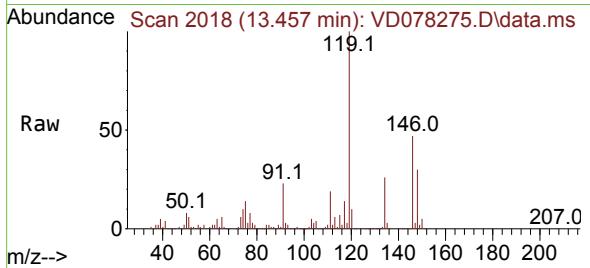




#87
1,3-Dichlorobenzene
Concen: 163.818 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

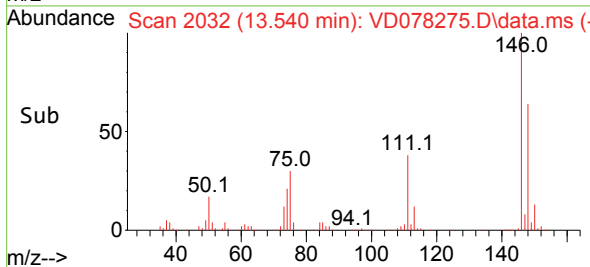
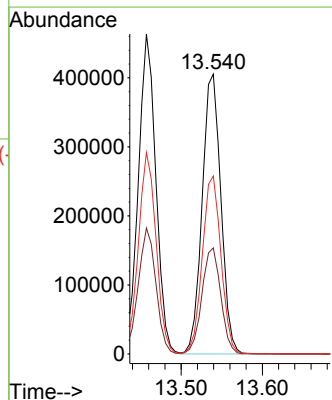
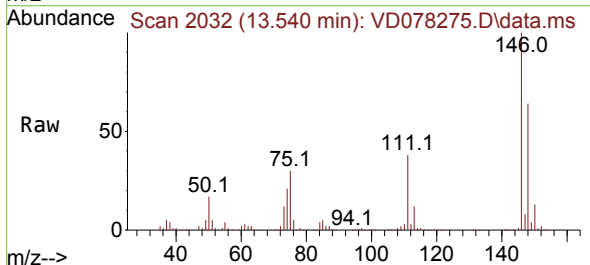
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

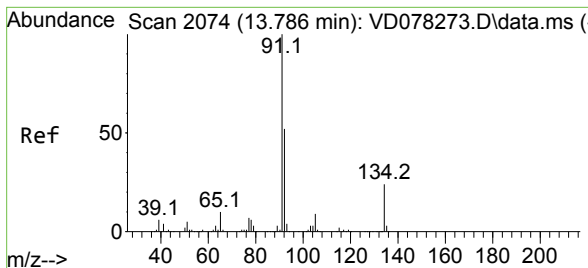
Tgt Ion:146 Resp: 699222
Ion Ratio Lower Upper
146 100
111 39.8 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 153.786 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:146 Resp: 649447
Ion Ratio Lower Upper
146 100
111 38.3 17.4 52.3
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 164.620 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

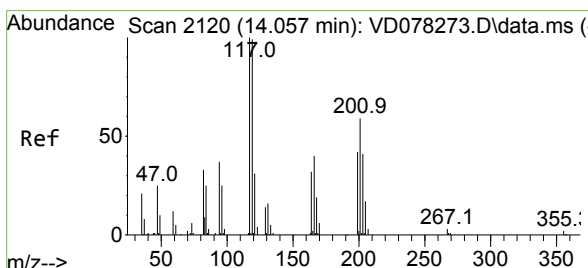
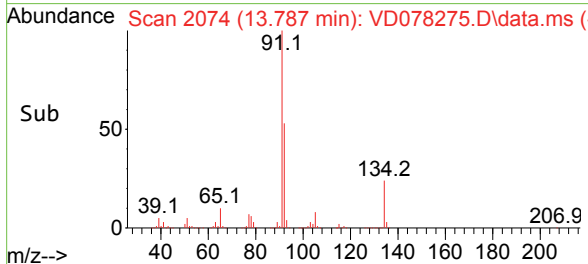
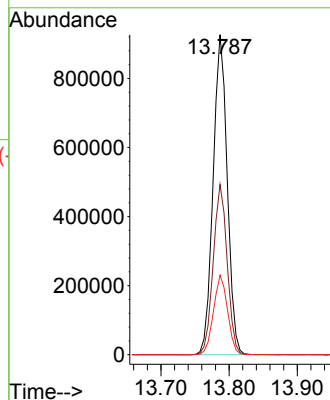
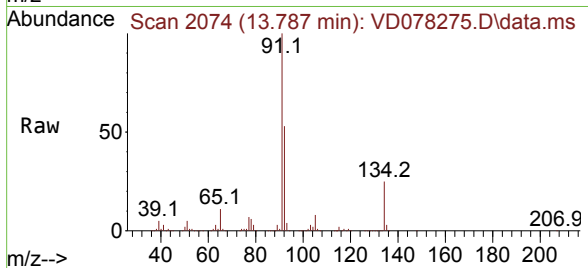
Tgt Ion: 91 Resp: 1336403

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 24.7 13.8 41.3



#90

Hexachloroethane

Concen: 155.529 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078275.D

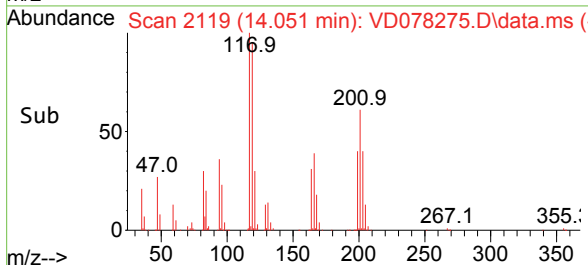
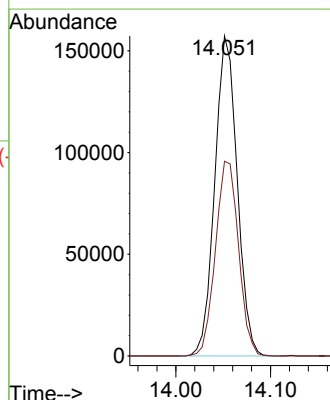
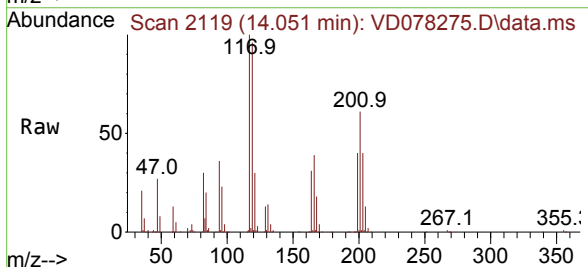
Acq: 30 Jan 2024 12:32

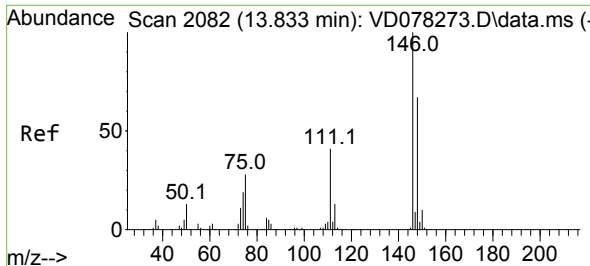
Tgt Ion: 117 Resp: 258800

Ion Ratio Lower Upper

117 100

201 62.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 155.796 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

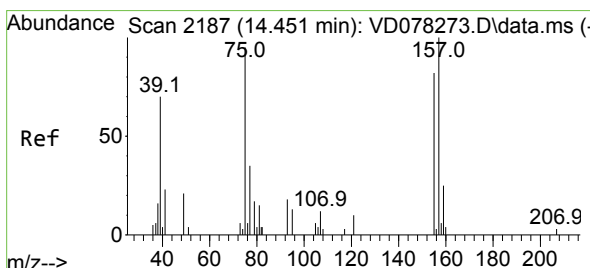
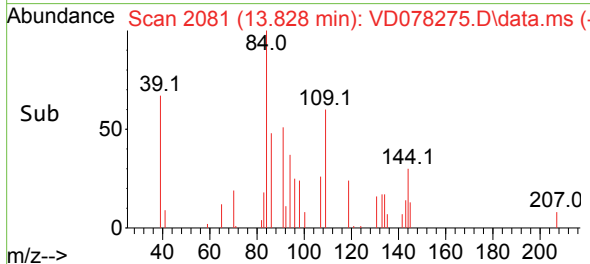
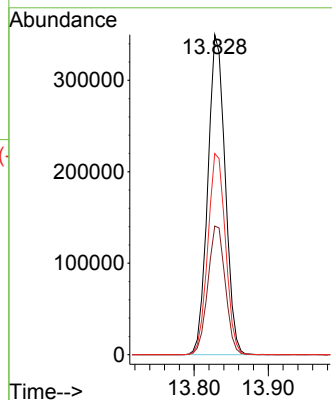
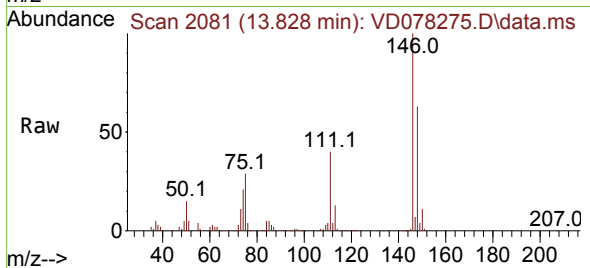
Tgt Ion:146 Resp: 568898

Ion Ratio Lower Upper

146 100

111 40.5 18.3 54.8

148 64.0 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 149.140 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

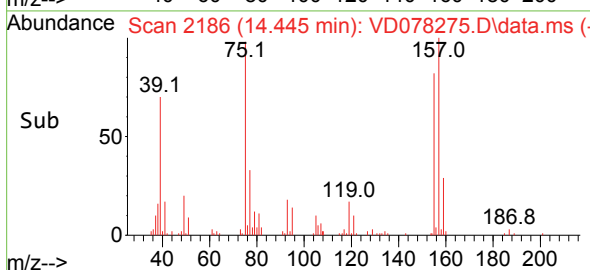
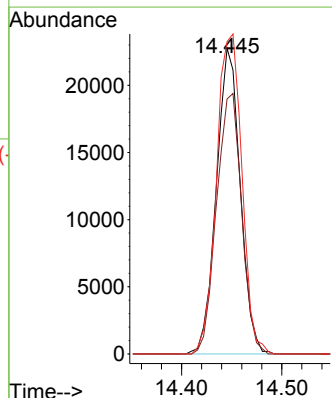
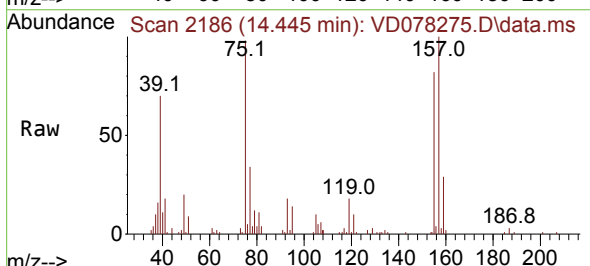
Tgt Ion: 75 Resp: 37694

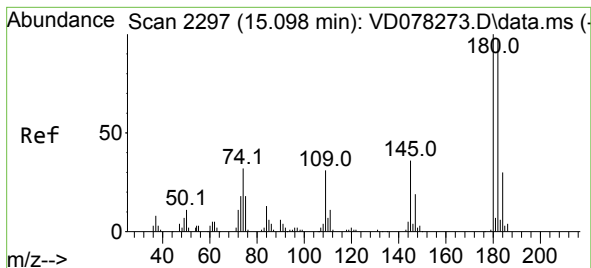
Ion Ratio Lower Upper

75 100

155 89.0 47.9 143.8

157 111.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 168.936 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

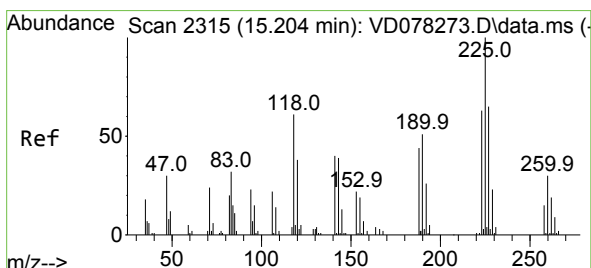
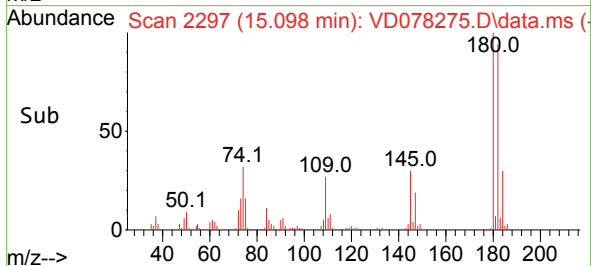
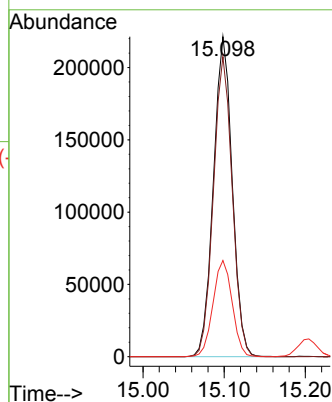
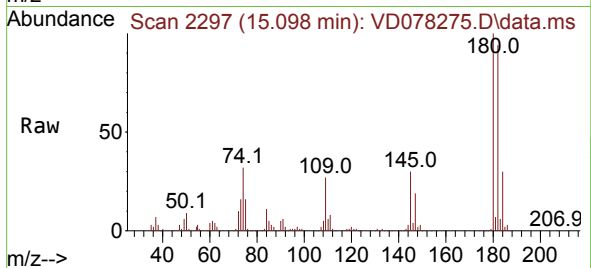
Tgt Ion:180 Resp: 356815

Ion Ratio Lower Upper

180 100

182 93.8 48.5 145.6

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 162.874 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078275.D

Acq: 30 Jan 2024 12:32

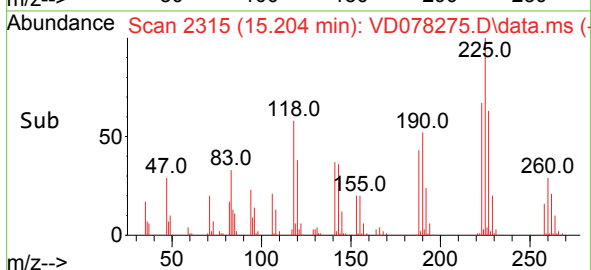
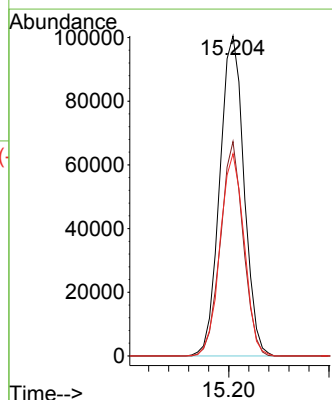
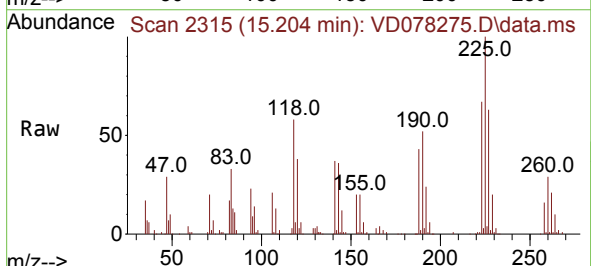
Tgt Ion:225 Resp: 168570

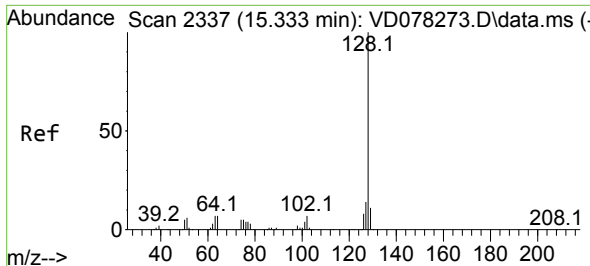
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 62.6 31.7 95.1

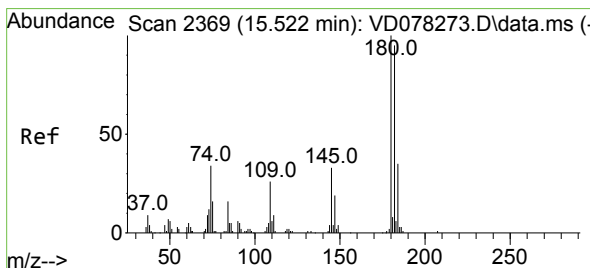
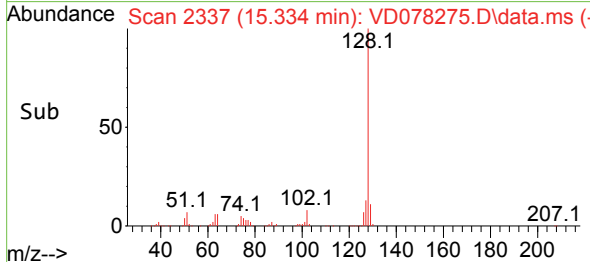
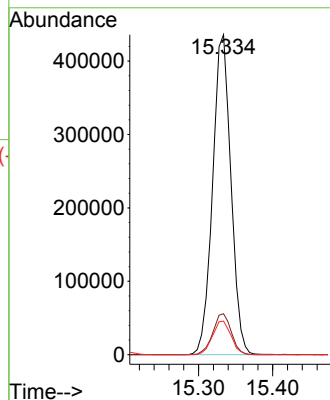
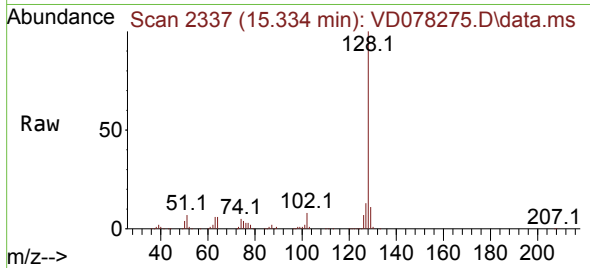




#95
Naphthalene
Concen: 177.366 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 746938
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 165.759 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078275.D
Acq: 30 Jan 2024 12:32

Tgt Ion:180 Resp: 308266
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 32.8 15.1 45.3

