

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078270.D
 Acq On : 30 Jan 2024 10:16
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 31 00:31:57 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	106833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	82767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7403	5.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.200%#
35) Dibromofluoromethane	7.816	113	7555	5.294	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.580%#
50) Toluene-d8	10.269	98	25241	4.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.340%#
62) 4-Bromofluorobenzene	12.575	95	7737	4.781	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.560%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	7351	2.711	ug/l	85
3) Chloromethane	2.152	50	12385	5.573	ug/l	100
4) Vinyl Chloride	2.287	62	15437	5.266	ug/l	91
5) Bromomethane	2.699	94	10065	5.671	ug/l	93
6) Chloroethane	2.840	64	10674	5.272	ug/l	96
7) Trichlorofluoromethane	3.175	101	13096	5.277	ug/l	97
8) Diethyl Ether	3.599	74	3996	5.443	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.987	101	8733	5.733	ug/l #	20
10) Methyl Iodide	4.170	142	5697	4.112	ug/l #	83
11) Tert butyl alcohol	5.052	59	1826	21.646	ug/l #	85
12) 1,1-Dichloroethene	3.940	96	8008	5.449	ug/l #	87
13) Acrolein	3.817	56	3668	31.029	ug/l	93
14) Allyl chloride	4.558	41	5386	2.780	ug/l #	29
15) Acrylonitrile	5.252	53	8947	27.569	ug/l #	91
16) Acetone	4.034	43	10569	20.583	ug/l #	80
17) Carbon Disulfide	4.275	76	26341	5.309	ug/l #	85
18) Methyl Acetate	4.575	43	3144	4.460	ug/l #	86
19) Methyl tert-butyl Ether	5.317	73	14937	4.887	ug/l #	80
20) Methylene Chloride	4.817	84	11832	4.820	ug/l #	93
21) trans-1,2-Dichloroethene	5.317	96	8646	5.203	ug/l	92
22) Diisopropyl ether	6.222	45	19207	4.658	ug/l	90
23) Vinyl Acetate	6.169	43	61667	24.514	ug/l	98
24) 1,1-Dichloroethane	6.111	63	15236	5.338	ug/l #	90
25) 2-Butanone	7.093	43	11966	27.153	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	12191	5.228	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	9313	5.057	ug/l	94
28) Bromochloromethane	7.434	49	5732	5.630	ug/l #	70
29) Tetrahydrofuran	7.452	42	5860	24.856	ug/l #	85
30) Chloroform	7.593	83	15484	5.305	ug/l	99
31) Cyclohexane	7.881	56	14569	5.882	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	13352	5.309	ug/l	96
36) 1,1-Dichloropropene	8.016	75	11356	4.798	ug/l	95
37) Ethyl Acetate	7.175	43	5022	5.513	ug/l #	65
38) Carbon Tetrachloride	7.993	117	11340	4.873	ug/l #	64
39) Methylcyclohexane	9.275	83	13019	4.653	ug/l	93
40) Benzene	8.258	78	33529	4.856	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078270.D
 Acq On : 30 Jan 2024 10:16
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 31 00:31:57 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)
41) Methacrylonitrile	7.405	41	2440	4.983	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	9521	5.316	ug/l	90
43) Isopropyl Acetate	8.369	43	7891	4.832	ug/l #	69
44) Trichloroethene	9.034	130	8453	4.985	ug/l	81
45) 1,2-Dichloropropane	9.310	63	8191	4.852	ug/l	97
46) Dibromomethane	9.399	93	4838	5.165	ug/l #	82
47) Bromodichloromethane	9.587	83	12026	5.218	ug/l #	92
48) Methyl methacrylate	9.381	41	4054	5.195	ug/l #	63
49) 1,4-Dioxane	9.399	88	971	92.405	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	21213	24.011	ug/l #	83
52) Toluene	10.334	92	18985	4.533	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	10214	4.745	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	11929	4.681	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	5611	4.590	ug/l	94
56) Ethyl methacrylate	10.599	69	5751	4.148	ug/l #	77
57) 1,3-Dichloropropane	10.881	76	9973	4.732	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	14053	22.287	ug/l	90
59) 2-Hexanone	10.922	43	15965	23.994	ug/l	85
60) Dibromochloromethane	11.075	129	6595	4.648	ug/l	91
61) 1,2-Dibromoethane	11.175	107	5660	4.904	ug/l	94
64) Tetrachloroethene	10.816	164	6356	4.967	ug/l #	91
65) Chlorobenzene	11.604	112	23261	5.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	7953	5.089	ug/l	93
67) Ethyl Benzene	11.681	91	35647	4.484	ug/l #	86
68) m/p-Xylenes	11.793	106	27861	9.109	ug/l	96
69) o-Xylene	12.122	106	11965	4.257	ug/l	87
70) Styrene	12.134	104	19686	4.101	ug/l	91
71) Bromoform	12.299	173	3500	4.548	ug/l #	93
73) Isopropylbenzene	12.422	105	31729	4.531	ug/l	92
74) N-amyl acetate	12.234	43	6451	4.454	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	6995	5.172	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	7842	9.065	ug/l #	100
77) Bromobenzene	12.698	156	7643	4.960	ug/l	83
78) n-propylbenzene	12.763	91	39475	4.525	ug/l	93
79) 2-Chlorotoluene	12.846	91	22514	4.821	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	24852	4.362	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	2166	4.980	ug/l	87
82) 4-Chlorotoluene	12.946	91	23900	4.801	ug/l	93
83) tert-Butylbenzene	13.163	119	21308	4.383	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	25764	4.470	ug/l	93
85) sec-Butylbenzene	13.346	105	34873	4.571	ug/l	93
86) p-Isopropyltoluene	13.457	119	26191	4.191	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	14515	4.534	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	15499	4.893	ug/l	88
89) n-Butylbenzene	13.787	91	27657	4.542	ug/l	96
90) Hexachloroethane	14.051	117	6035	4.835	ug/l	76
91) 1,2-Dichlorobenzene	13.828	146	13606	4.968	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1063	5.607	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	7304	4.610	ug/l	94
94) Hexachlorobutadiene	15.198	225	3678	4.738	ug/l	96
95) Naphthalene	15.334	128	14104	4.465	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.522	180	6676	4.786	ug/l	99

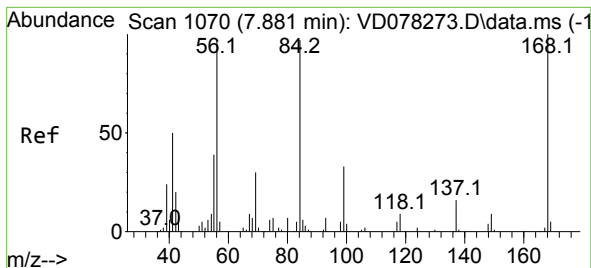
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078270.D
Acq On : 30 Jan 2024 10:16
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jan 31 00:31:57 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

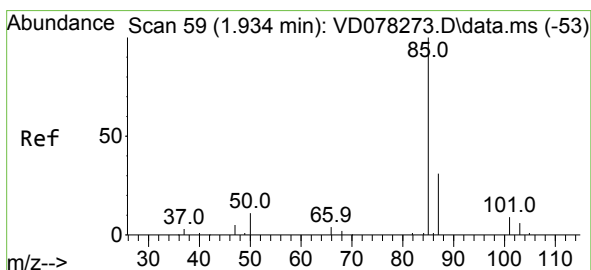
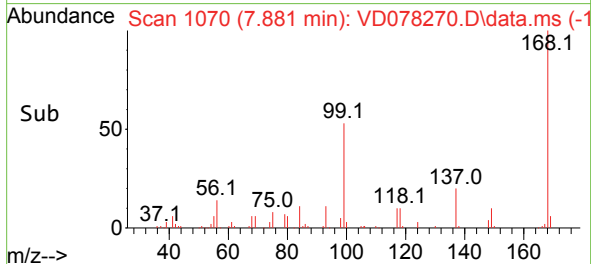
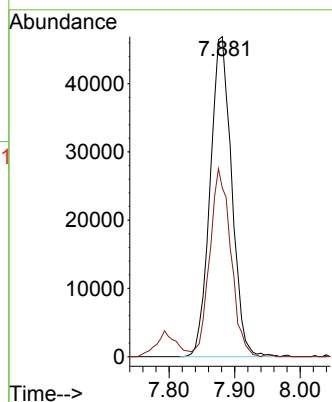
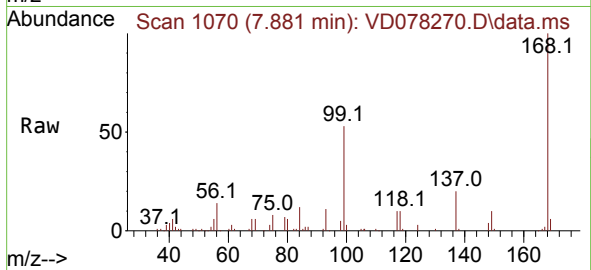
VSTDIC005

Tgt Ion:168 Resp: 106833

Ion Ratio Lower Upper

168 100

99 52.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 2.711 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078270.D

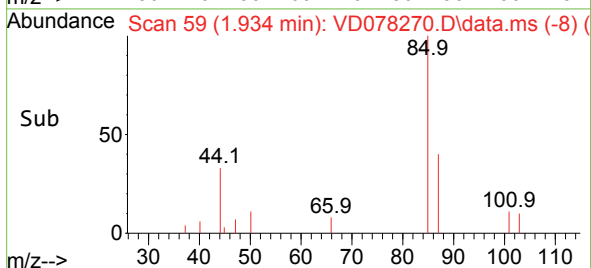
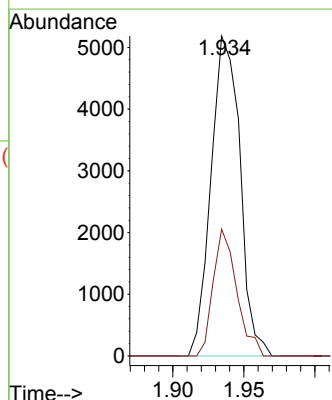
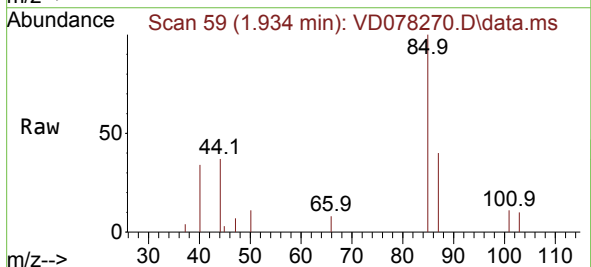
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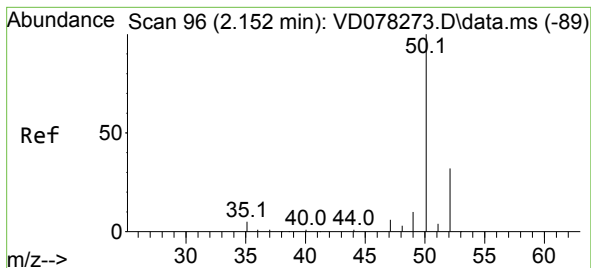
Tgt Ion: 85 Resp: 7351

Ion Ratio Lower Upper

85 100

87 39.6 15.7 47.0





#3

Chloromethane

Concen: 5.573 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

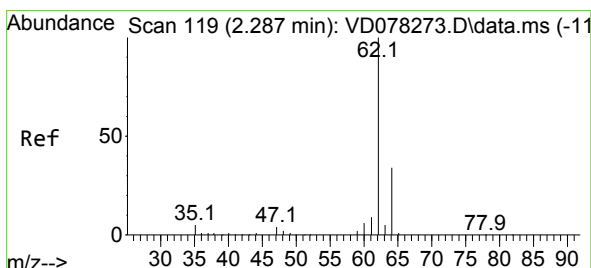
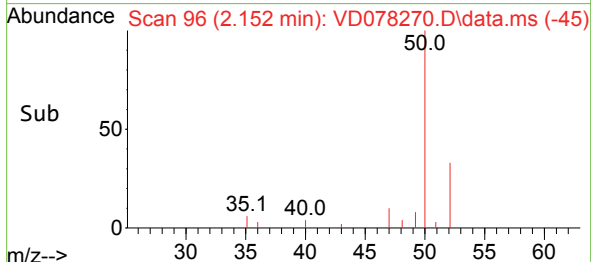
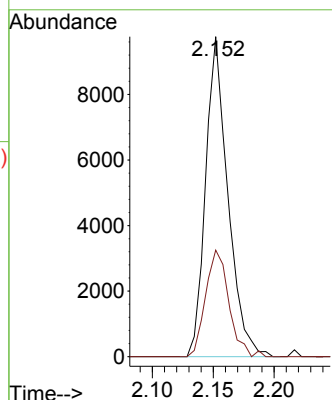
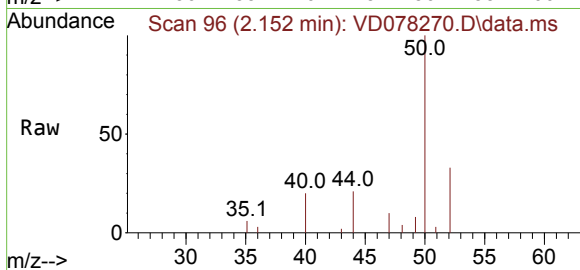
VSTDIC005

Tgt Ion: 50 Resp: 12385

Ion Ratio Lower Upper

50 100

52 33.3 26.6 40.0



#4

Vinyl Chloride

Concen: 5.266 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078270.D

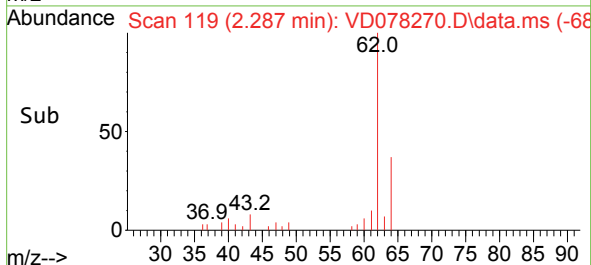
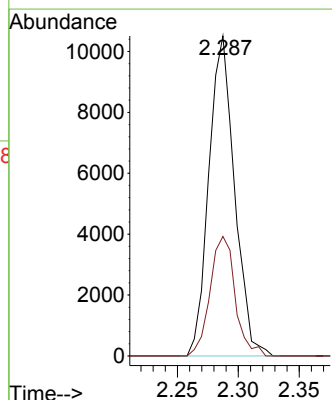
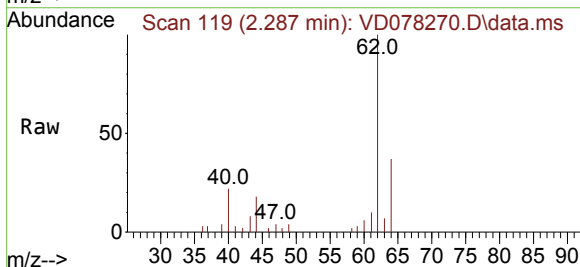
Acq: 30 Jan 2024 10:16

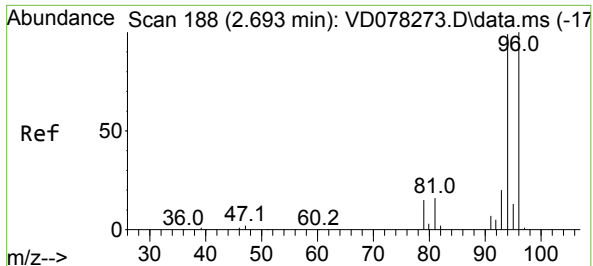
Tgt Ion: 62 Resp: 15437

Ion Ratio Lower Upper

62 100

64 37.3 26.0 39.0

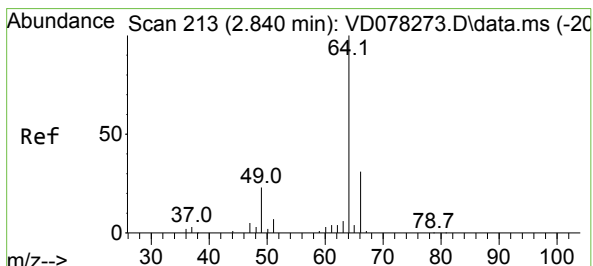
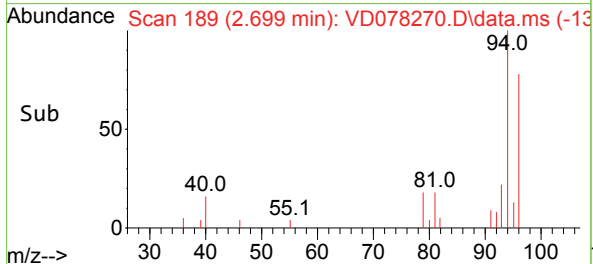
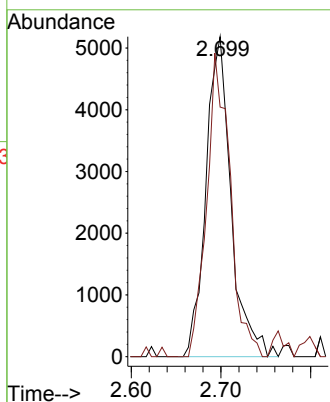
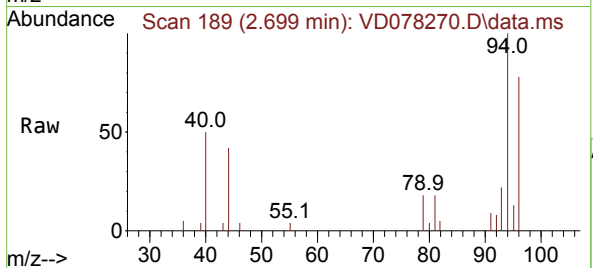




#5
Bromomethane
Concen: 5.671 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

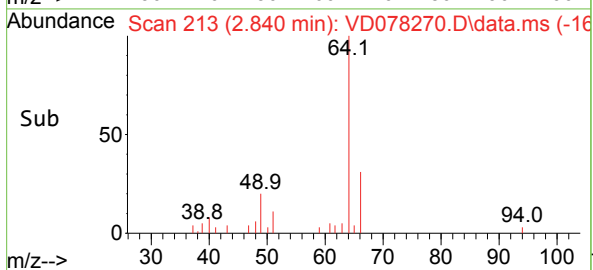
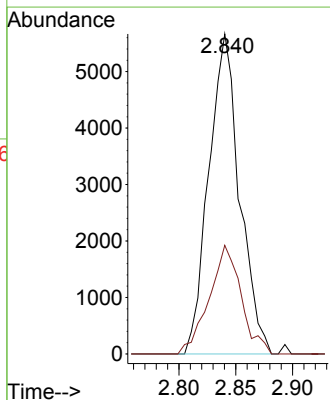
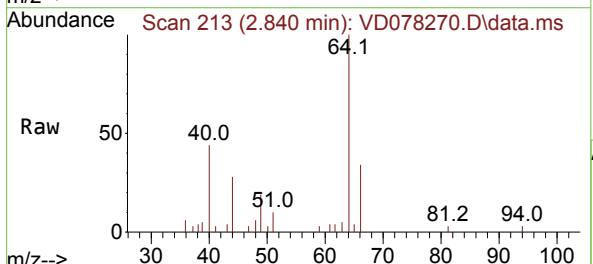
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

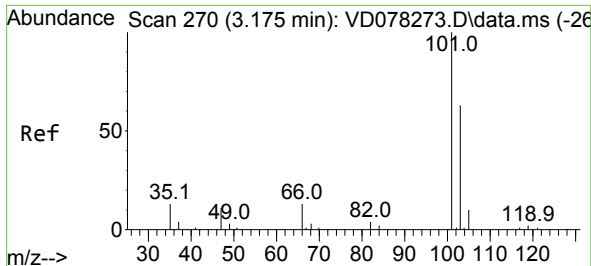
Tgt Ion: 94 Resp: 10065
Ion Ratio Lower Upper
94 100
96 88.5 75.8 113.8



#6
Chloroethane
Concen: 5.272 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 64 Resp: 10674
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

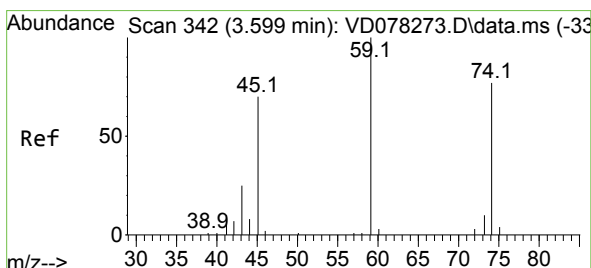
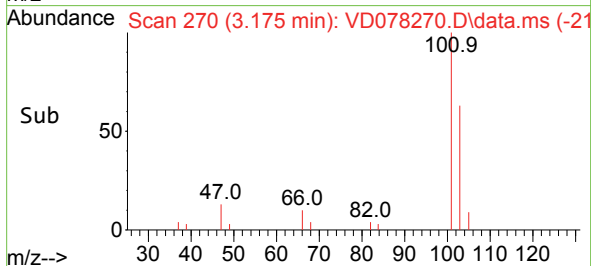
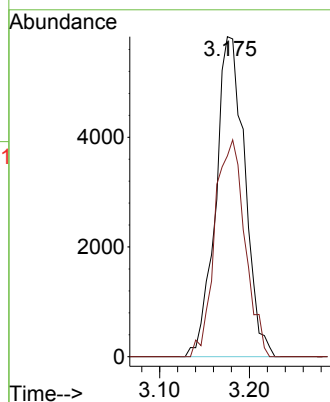
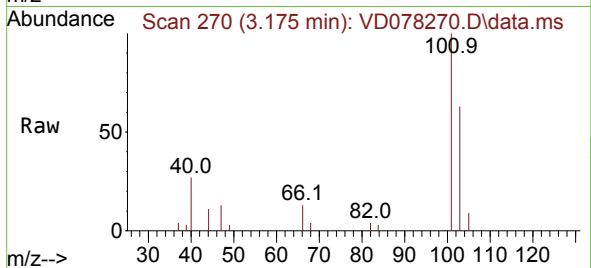




#7
Trichlorofluoromethane
Concen: 5.277 ug/l
RT: 3.175 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

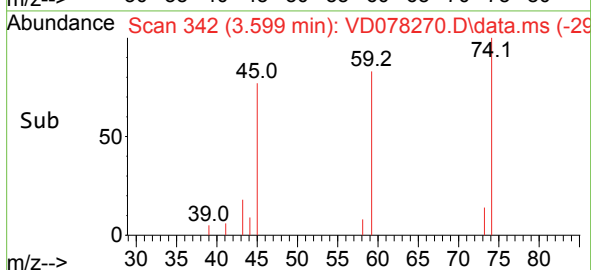
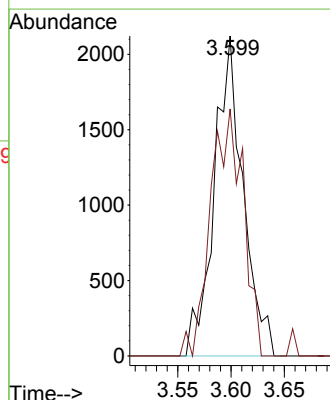
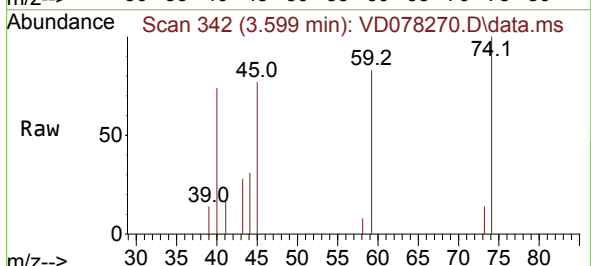
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

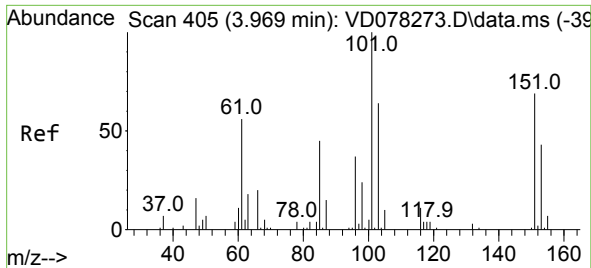
Tgt Ion:101 Resp: 13096
Ion Ratio Lower Upper
101 100
103 62.8 52.3 78.5



#8
Diethyl Ether
Concen: 5.443 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 74 Resp: 3996
Ion Ratio Lower Upper
74 100
45 87.7 37.5 112.7

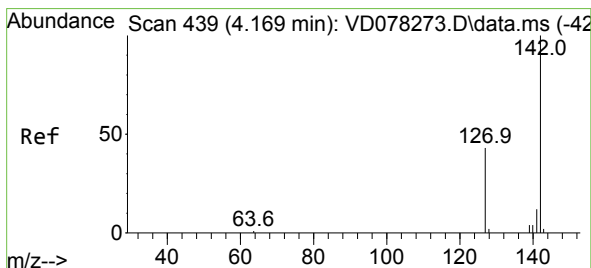
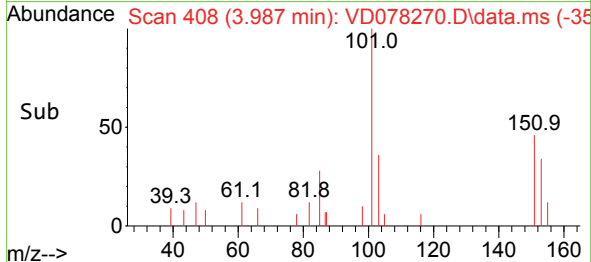
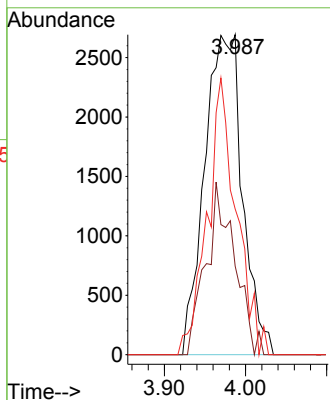
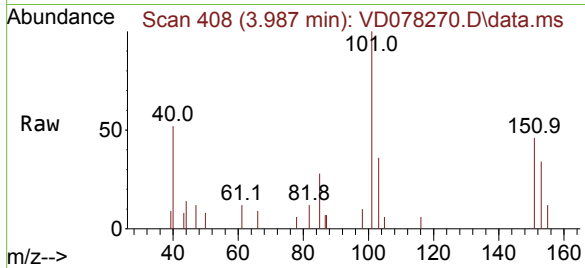




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.733 ug/l
RT: 3.987 min Scan# 408
Delta R.T. 0.018 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

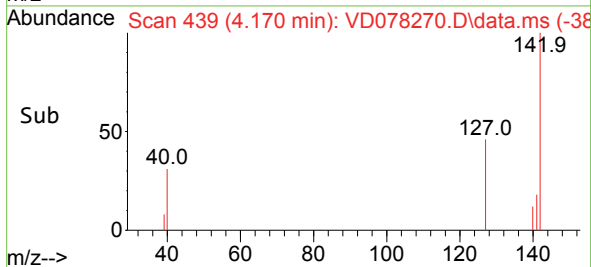
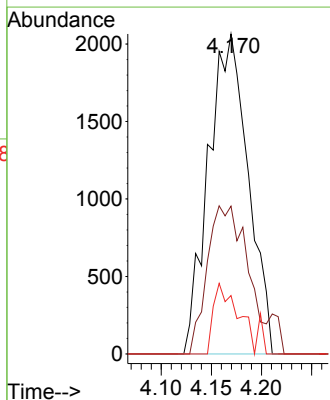
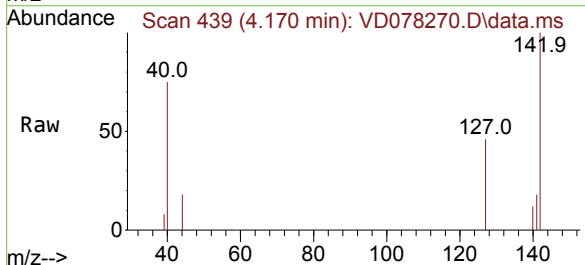
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

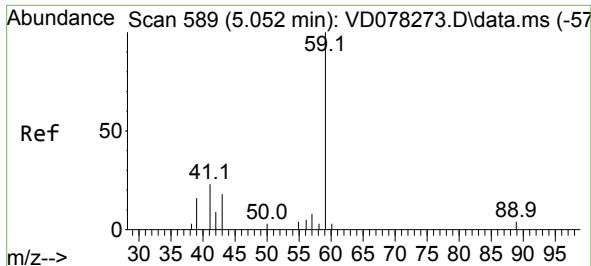
Tgt Ion:101 Resp: 8733
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.8 89.6#



#10
Methyl Iodide
Concen: 4.112 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:142 Resp: 5697
Ion Ratio Lower Upper
142 100
127 50.1 29.4 44.0#
141 15.1 11.1 16.7

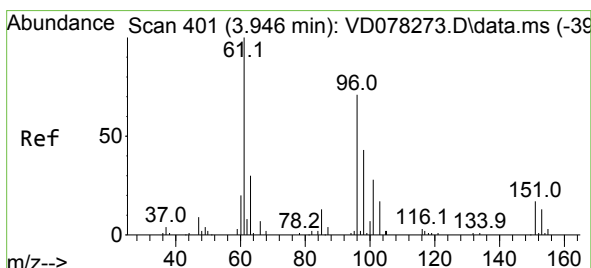
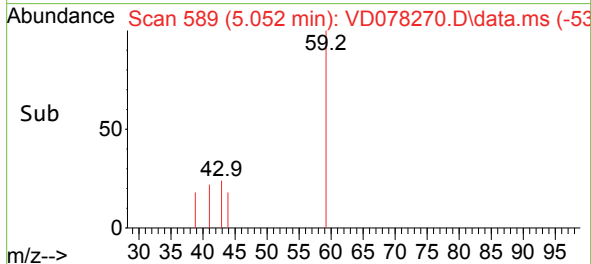
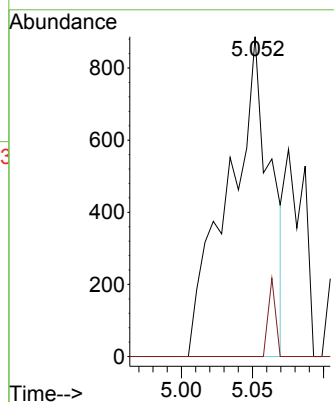
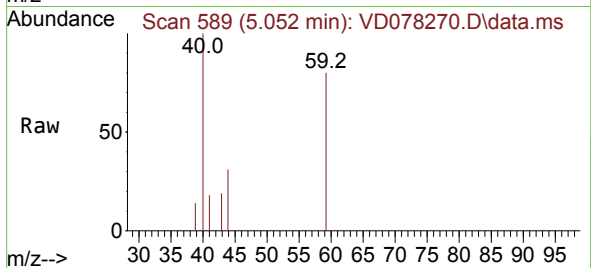




#11
Tert butyl alcohol
Concen: 21.646 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

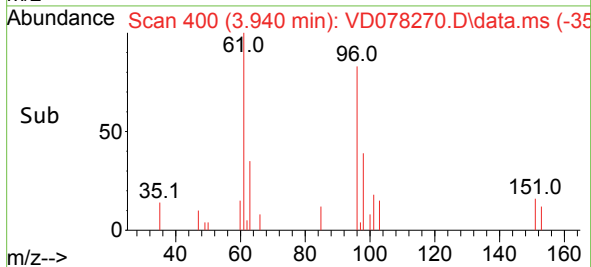
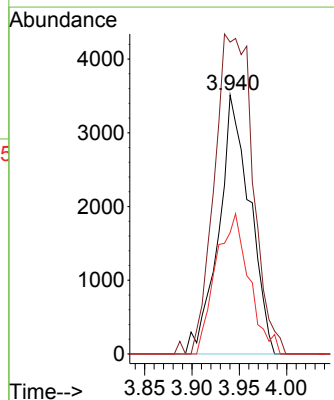
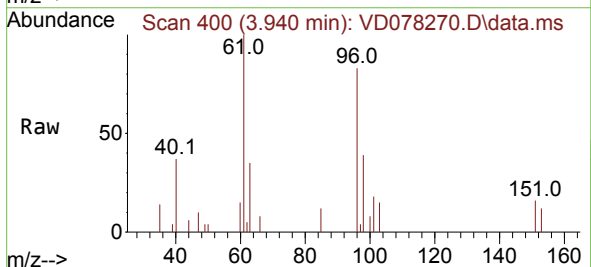
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

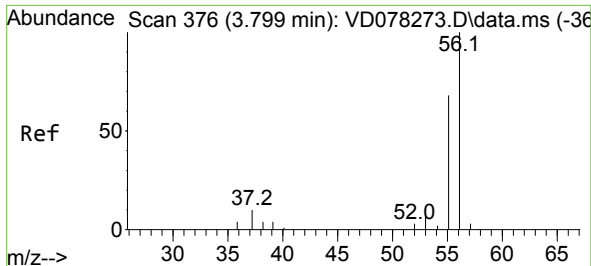
Tgt Ion: 59 Resp: 1826
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.449 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 96 Resp: 8008
Ion Ratio Lower Upper
96 100
61 115.6 100.6 150.8
98 46.9 50.2 75.2#

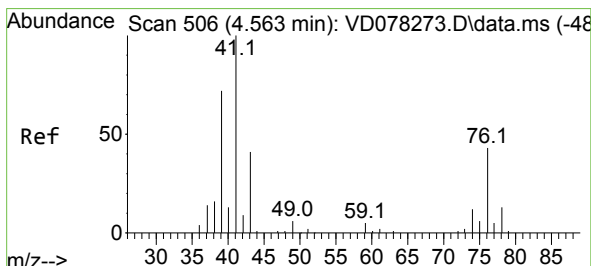
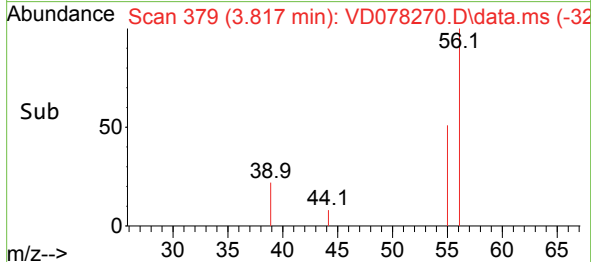
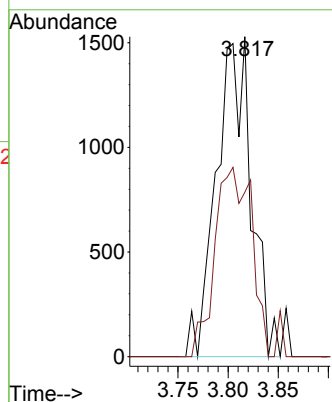
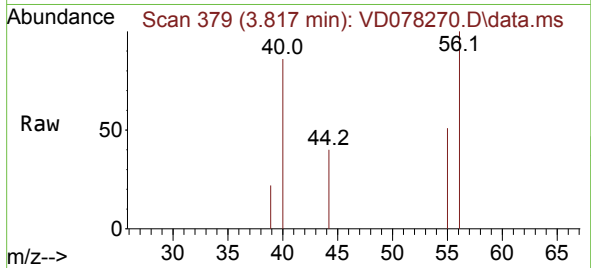




#13
Acrolein
Concen: 31.029 ug/l
RT: 3.817 min Scan# 31
Delta R.T. 0.018 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

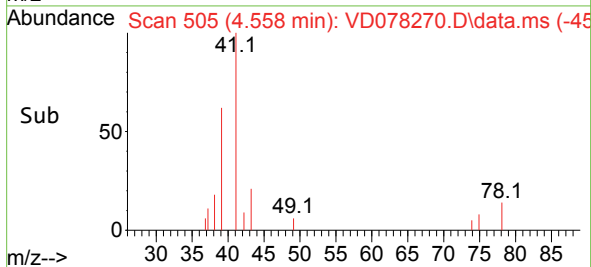
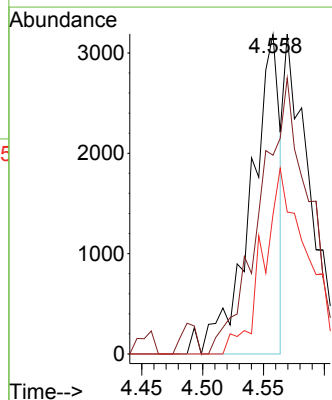
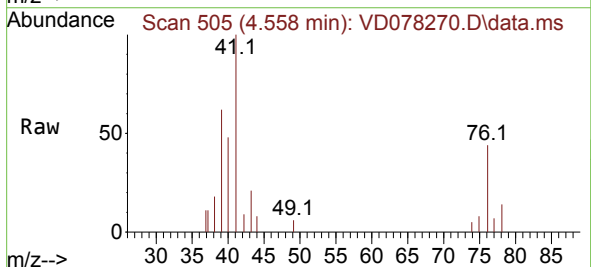
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

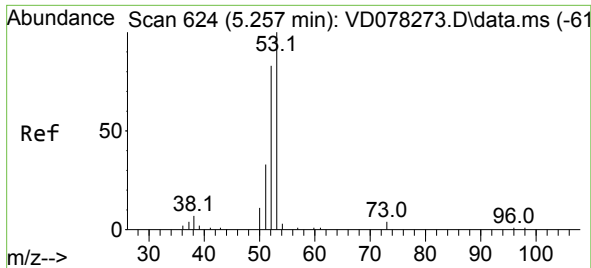
Tgt Ion: 56 Resp: 3668
Ion Ratio Lower Upper
56 100
55 63.2 55.1 82.7



#14
Allyl chloride
Concen: 2.780 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 41 Resp: 5386
Ion Ratio Lower Upper
41 100
39 146.5 53.8 80.6#
76 85.2 45.8 68.8#

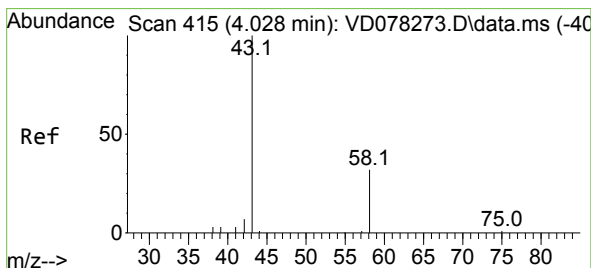
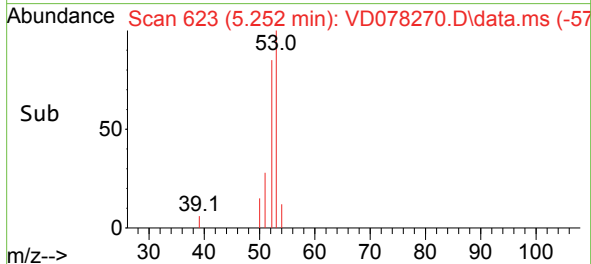
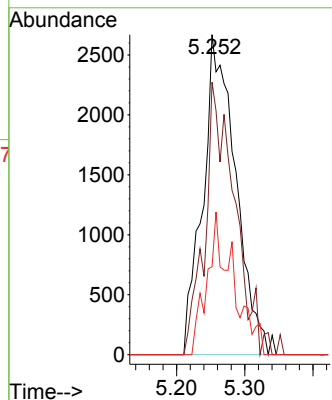
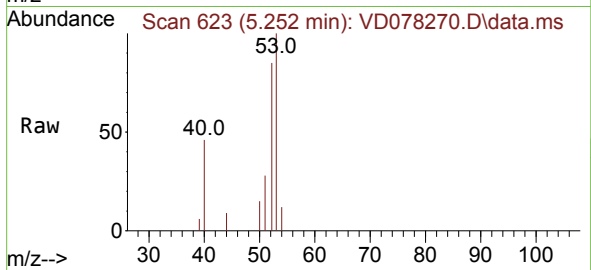




#15
Acrylonitrile
Concen: 27.569 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

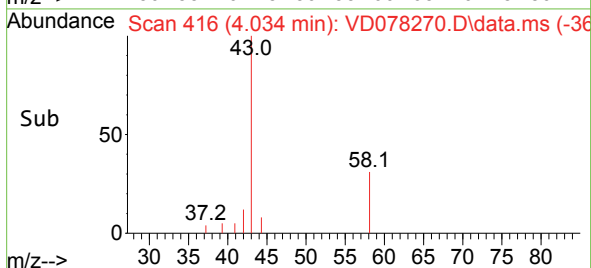
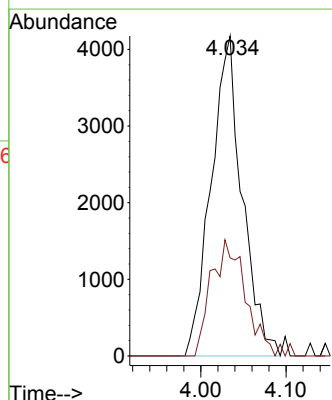
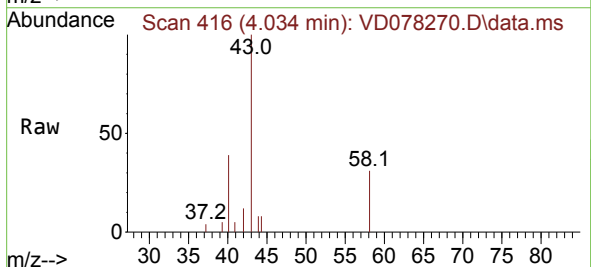
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

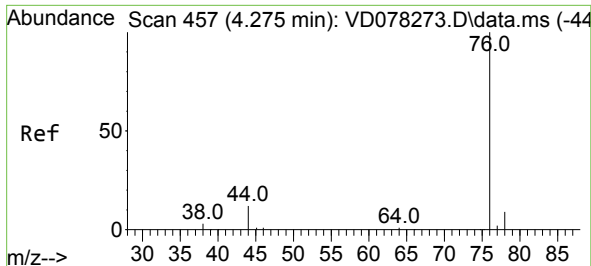
Tgt Ion: 53 Resp: 8947
Ion Ratio Lower Upper
53 100
52 77.1 65.0 97.4
51 23.4 28.3 42.5#



#16
Acetone
Concen: 20.583 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 43 Resp: 10569
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#





#17

Carbon Disulfide

Concen: 5.309 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

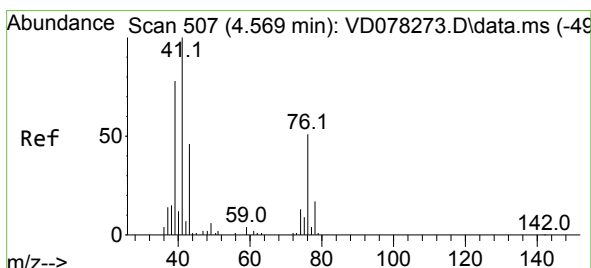
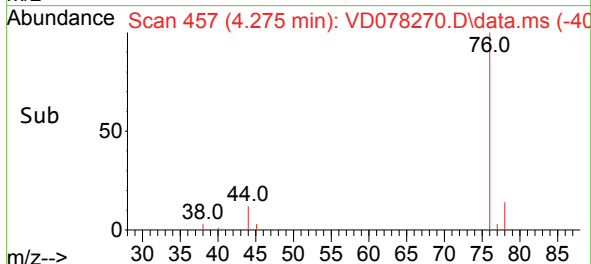
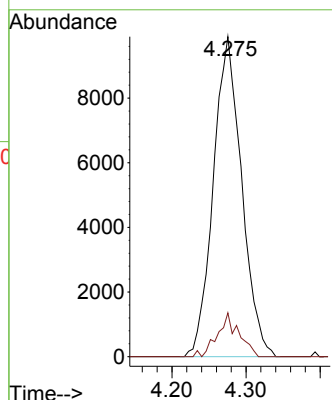
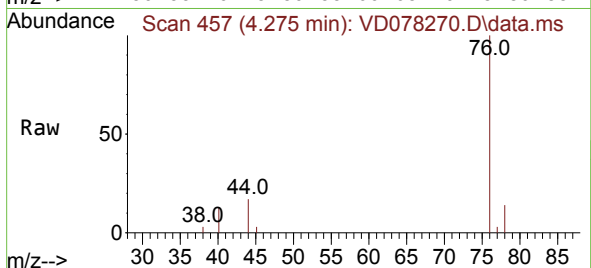
VSTDICC005

Tgt Ion: 76 Resp: 26341

Ion Ratio Lower Upper

76 100

78 13.7 6.8 10.2#



#18

Methyl Acetate

Concen: 4.460 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.006 min

Lab File: VD078270.D

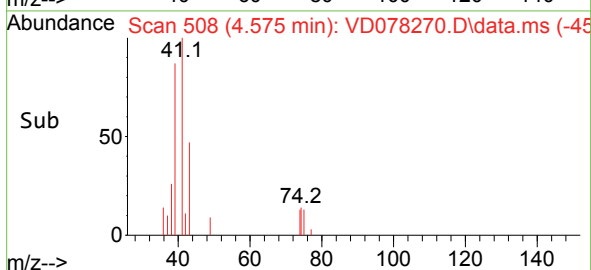
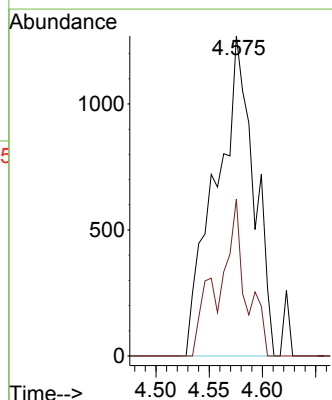
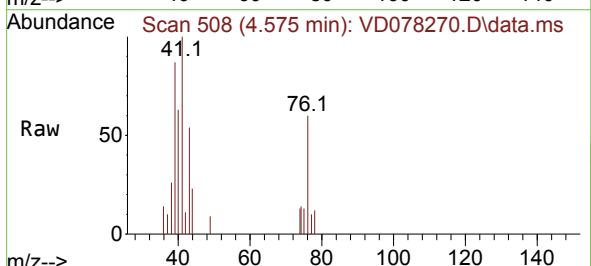
Acq: 30 Jan 2024 10:16

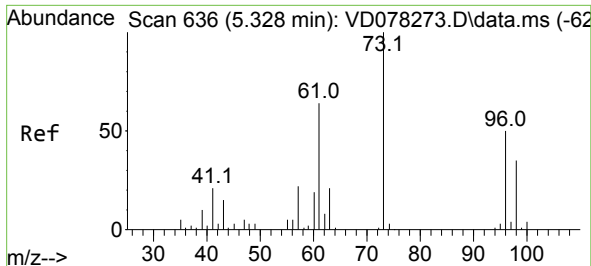
Tgt Ion: 43 Resp: 3144

Ion Ratio Lower Upper

43 100

74 25.0 26.4 39.6#

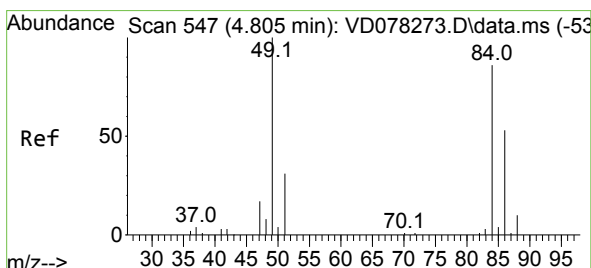
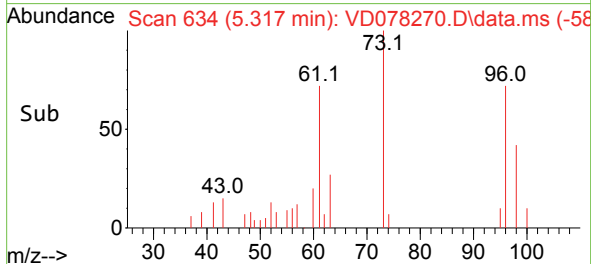
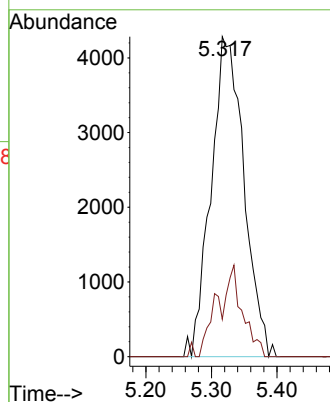
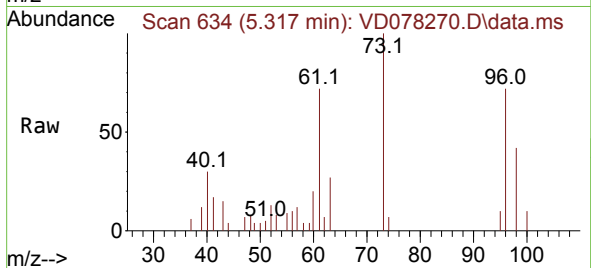




#19
Methyl tert-butyl Ether
Concen: 4.887 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

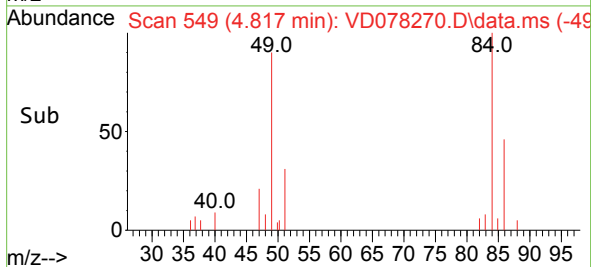
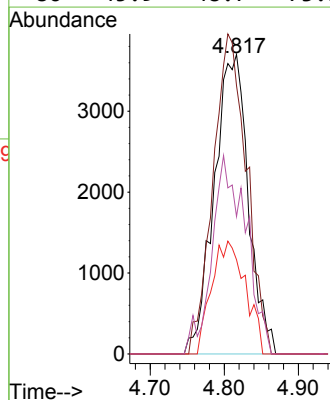
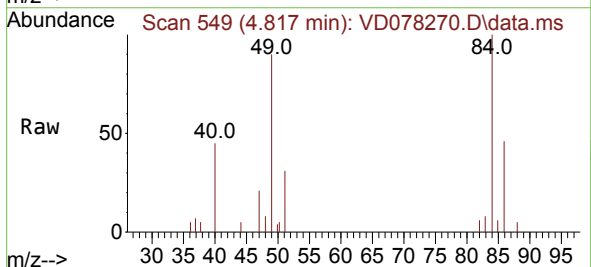
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

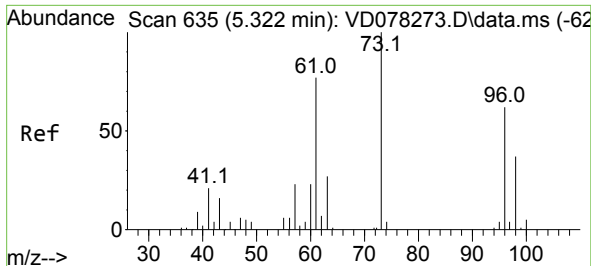
Tgt Ion: 73 Resp: 14937
Ion Ratio Lower Upper
73 100
57 11.7 16.6 25.0#



#20
Methylene Chloride
Concen: 4.820 ug/l
RT: 4.817 min Scan# 549
Delta R.T. 0.012 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 84 Resp: 11832
Ion Ratio Lower Upper
84 100
49 89.6 71.4 107.2
51 31.4 24.5 36.7
86 45.9 48.7 73.1#

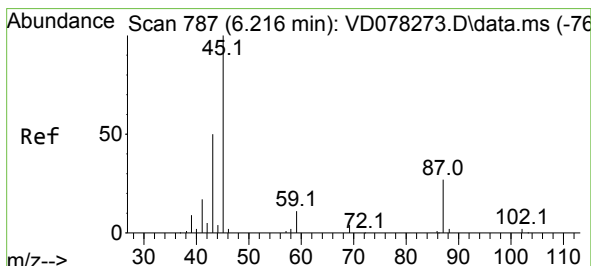
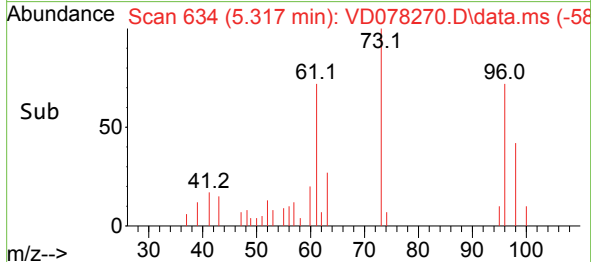
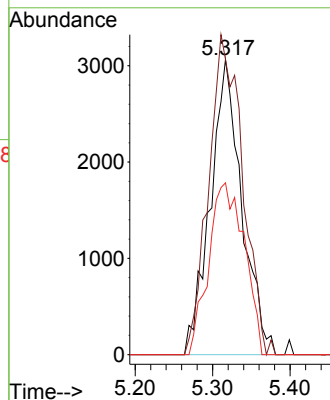
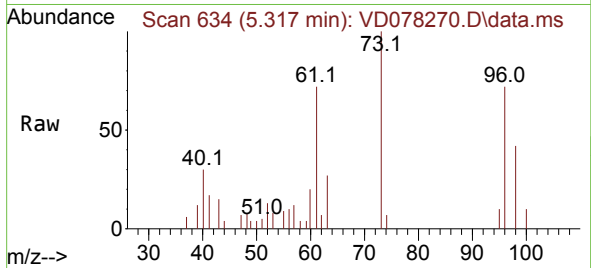




#21
trans-1,2-Dichloroethene
Concen: 5.203 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

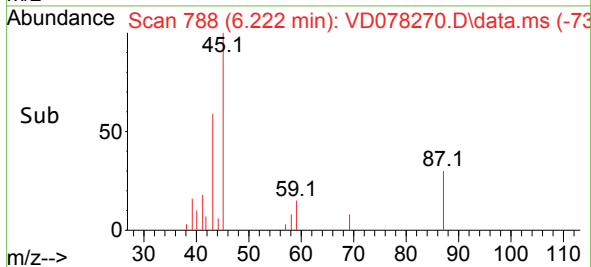
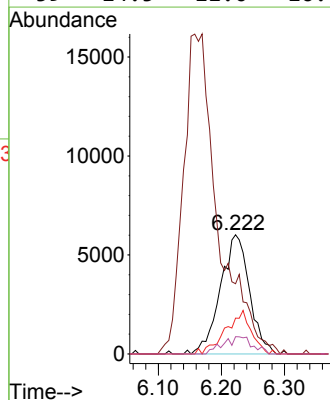
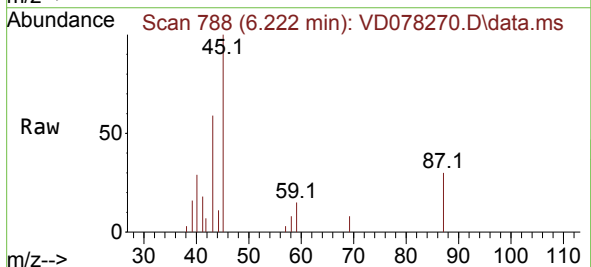
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

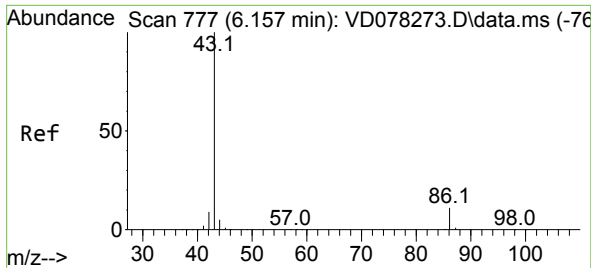
Tgt Ion: 96 Resp: 8646
Ion Ratio Lower Upper
96 100
61 100.0 89.3 133.9
98 58.2 48.6 73.0



#22
Diisopropyl ether
Concen: 4.658 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 45 Resp: 19207
Ion Ratio Lower Upper
45 100
43 58.8 40.0 60.0
87 30.1 28.2 42.4
59 14.5 11.0 16.4

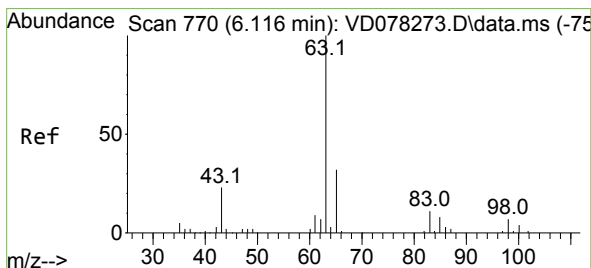
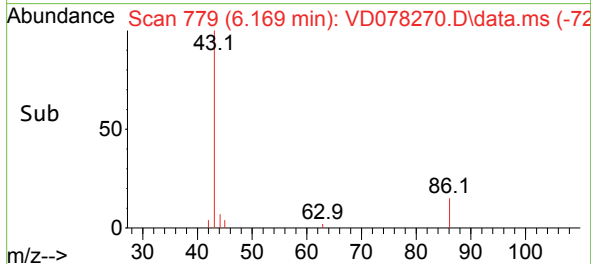
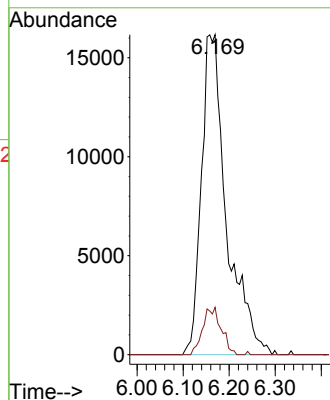
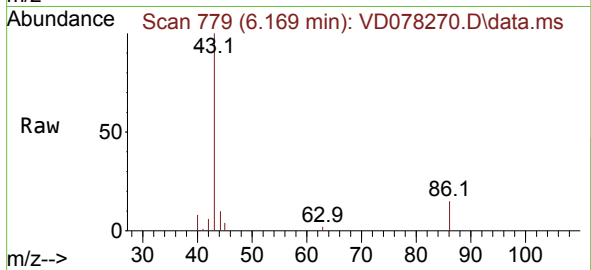




#23
 Vinyl Acetate
 Concen: 24.514 ug/l
 RT: 6.169 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: VD078270.D
 Acq: 30 Jan 2024 10:16

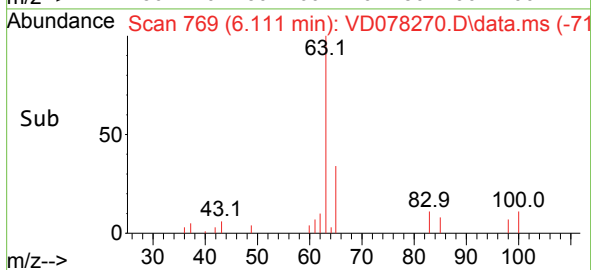
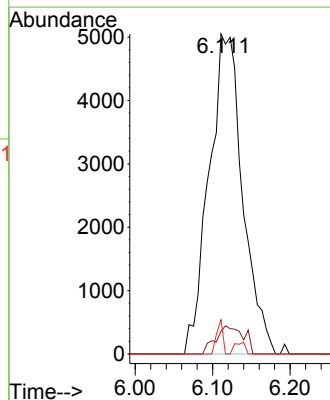
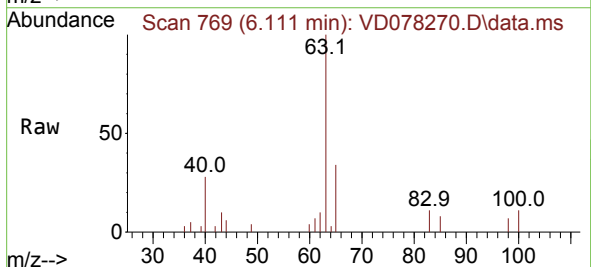
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

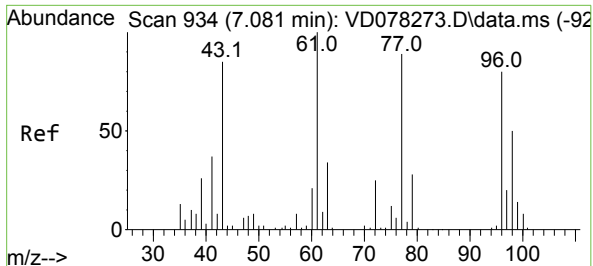
Tgt Ion: 43 Resp: 61667
 Ion Ratio Lower Upper
 43 100
 86 14.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.338 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078270.D
 Acq: 30 Jan 2024 10:16

Tgt Ion: 63 Resp: 15236
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 10.7 2.5 7.5#





#25

2-Butanone

Concen: 27.153 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

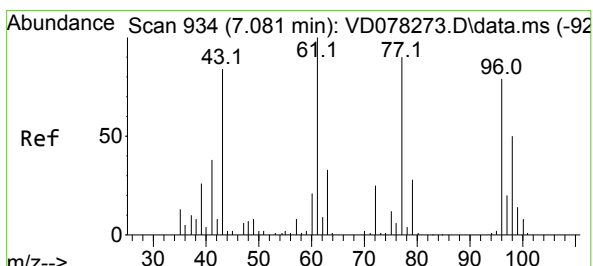
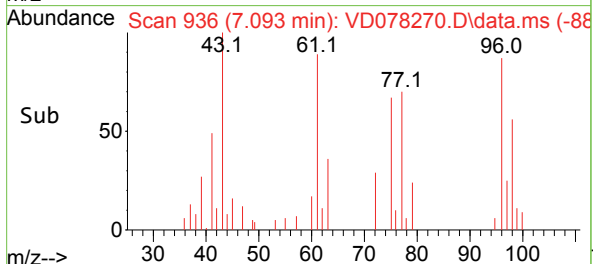
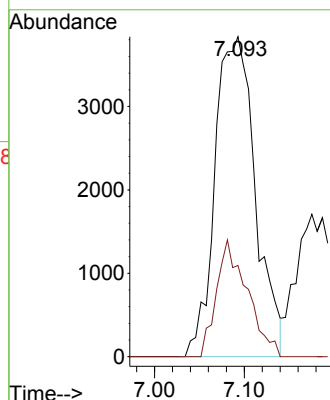
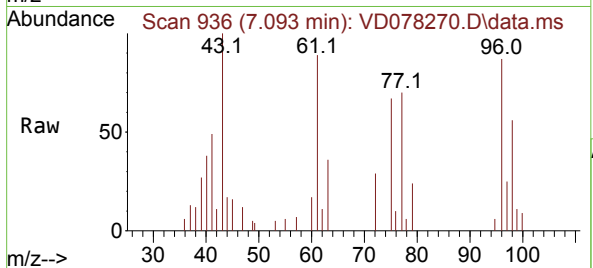
VSTDIC005

Tgt Ion: 43 Resp: 11966

Ion Ratio Lower Upper

43 100

72 28.5 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 5.228 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078270.D

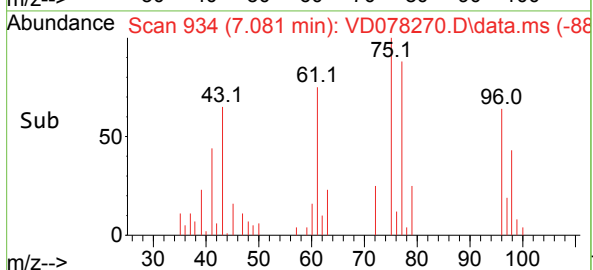
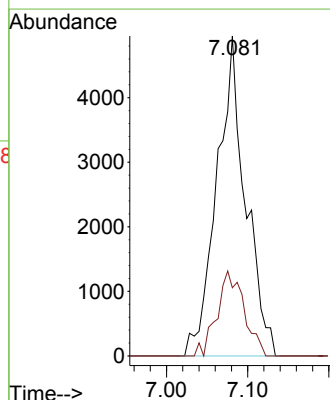
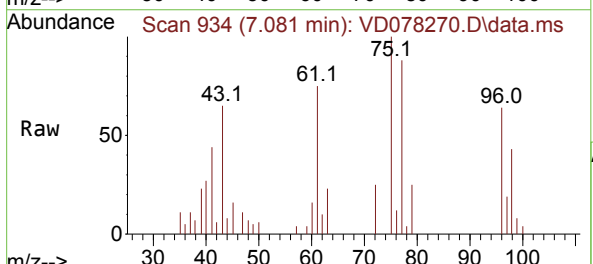
Acq: 30 Jan 2024 10:16

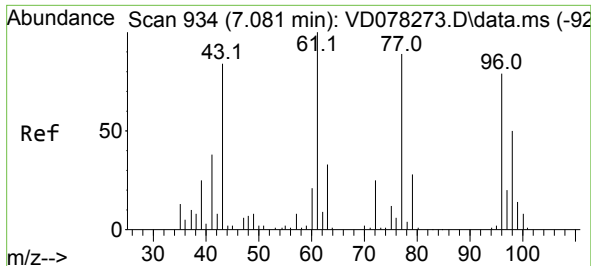
Tgt Ion: 77 Resp: 12191

Ion Ratio Lower Upper

77 100

97 25.0 13.2 39.6

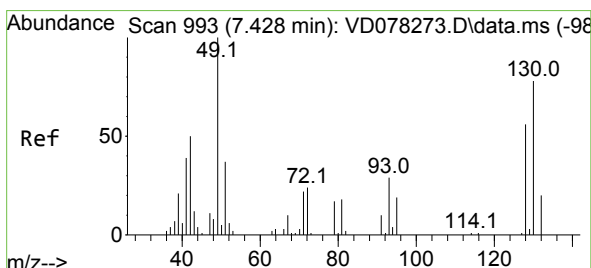
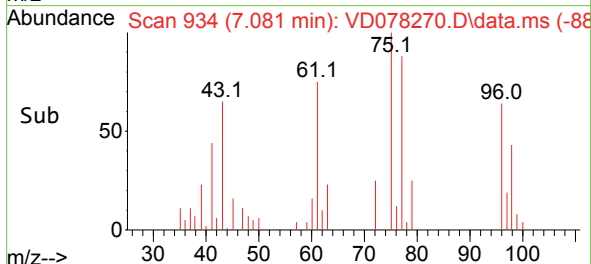
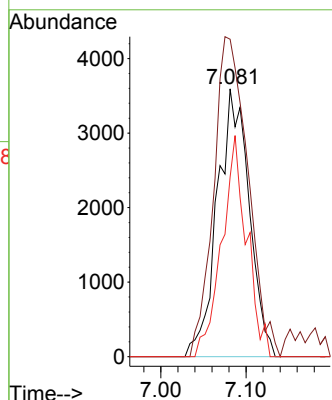
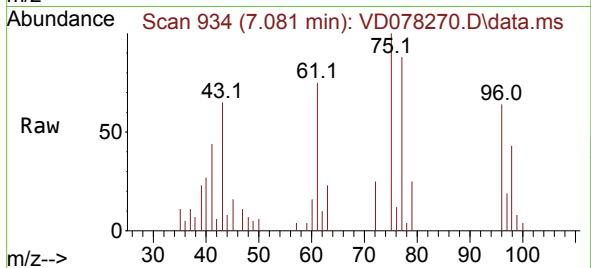




#27
 cis-1,2-Dichloroethene
 Concen: 5.057 ug/l
 RT: 7.081 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: VD078270.D
 Acq: 30 Jan 2024 10:16

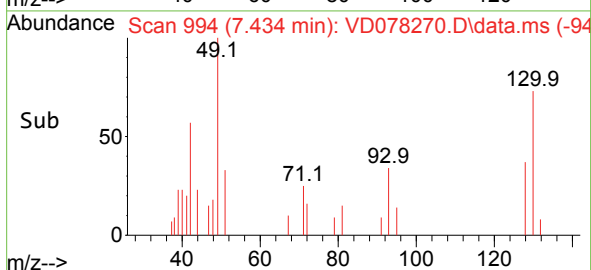
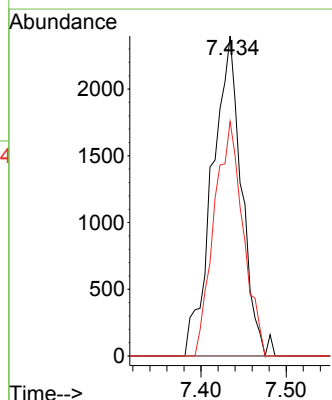
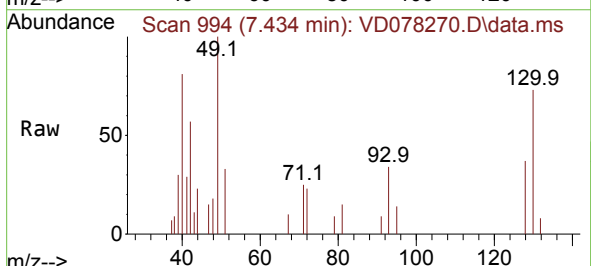
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

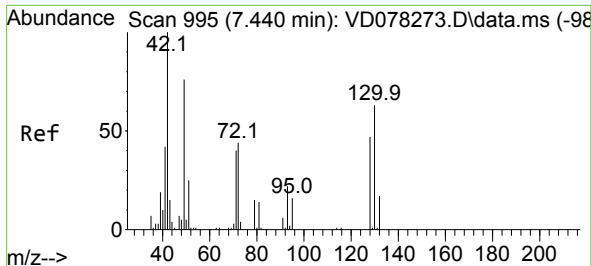
Tgt Ion: 96	Resp: 9313		
Ion	Ratio	Lower	Upper
96	100		
61	129.0	0.0	239.2
98	65.0	0.0	128.6



#28
 Bromochloromethane
 Concen: 5.630 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078270.D
 Acq: 30 Jan 2024 10:16

Tgt Ion: 49	Resp: 5732		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	6.0	
130 72.4	83.2	124.8#	





#29

Tetrahydrofuran

Concen: 24.856 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

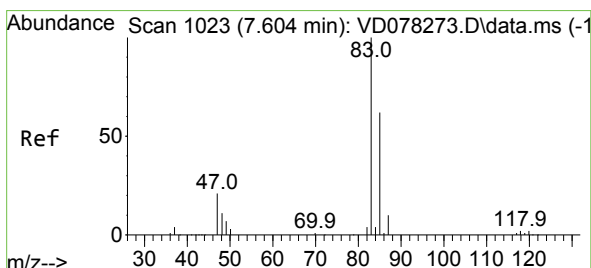
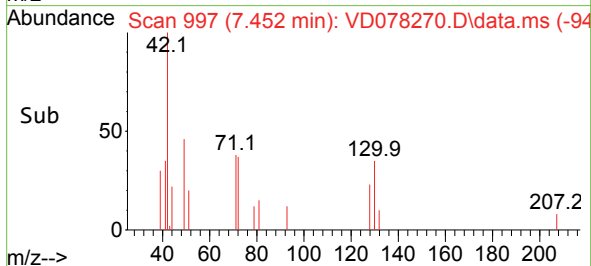
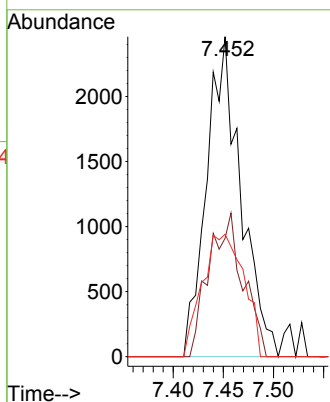
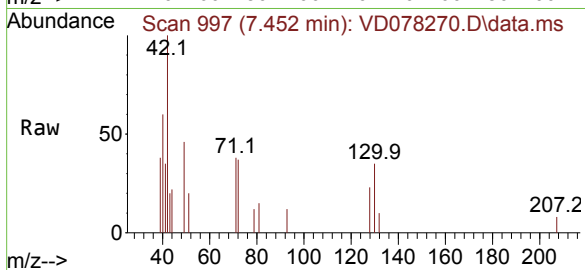
Tgt Ion: 42 Resp: 5860

Ion Ratio Lower Upper

42 100

72 44.9 46.5 69.7#

71 46.4 44.5 66.7



#30

Chloroform

Concen: 5.305 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VD078270.D

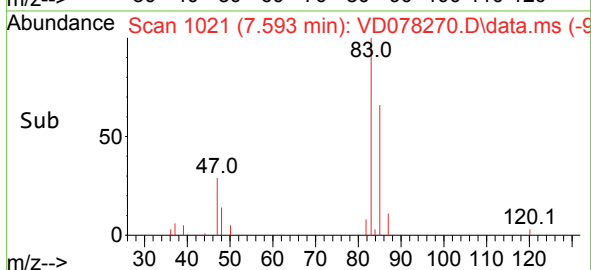
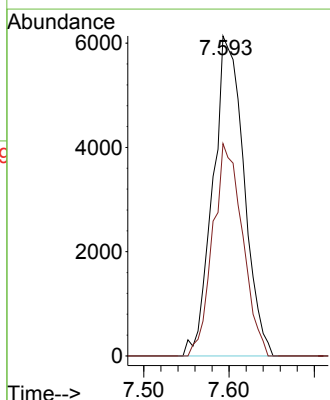
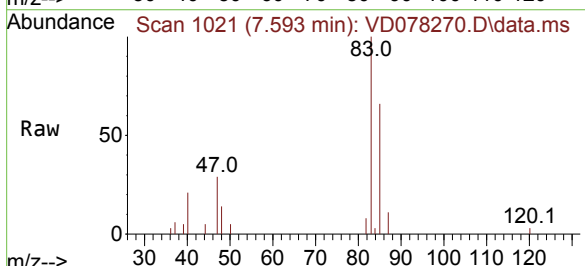
Acq: 30 Jan 2024 10:16

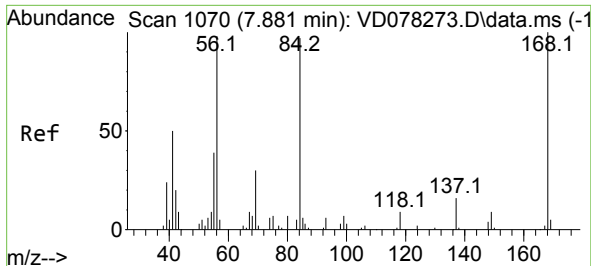
Tgt Ion: 83 Resp: 15484

Ion Ratio Lower Upper

83 100

85 66.3 53.4 80.2

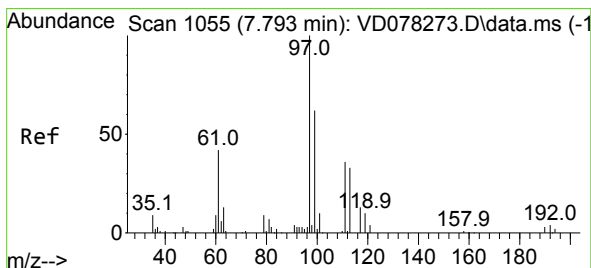
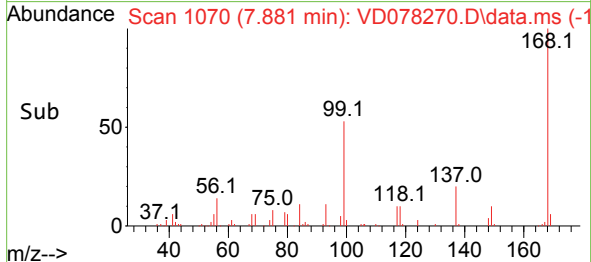
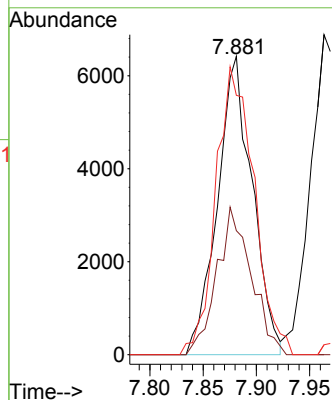
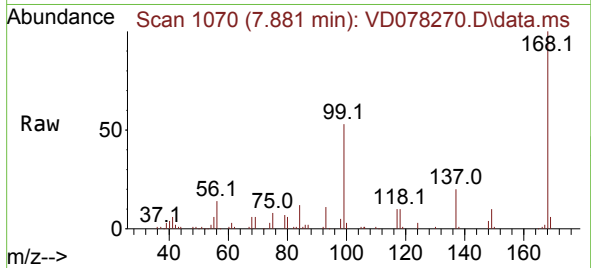




#31
Cyclohexane
Concen: 5.882 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

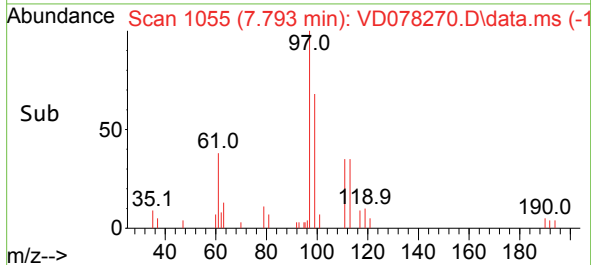
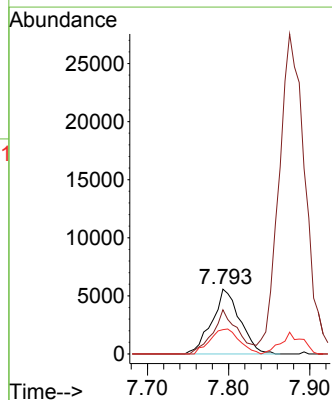
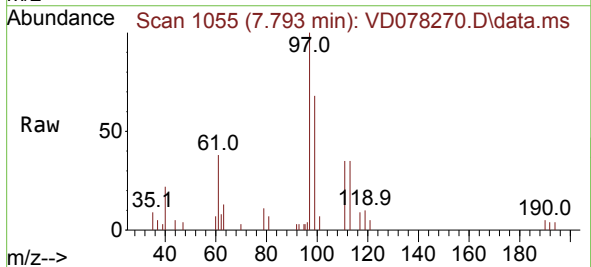
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

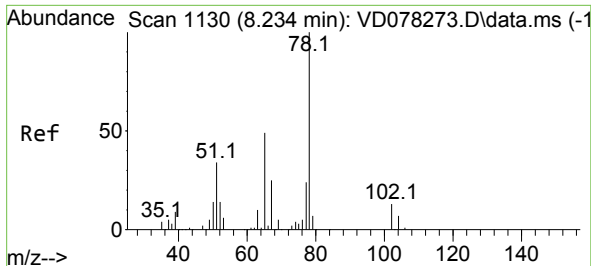
Tgt Ion: 56 Resp: 14569
Ion Ratio Lower Upper
56 100
69 41.6 28.6 43.0
84 86.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.309 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 97 Resp: 13352
Ion Ratio Lower Upper
97 100
99 61.4 52.0 78.0
61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.598 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

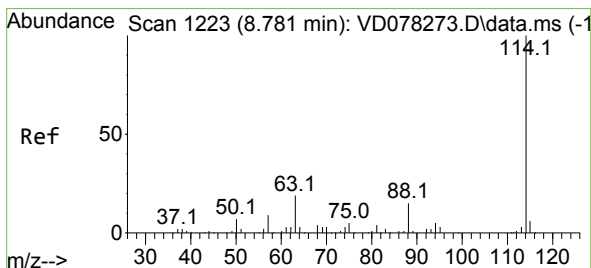
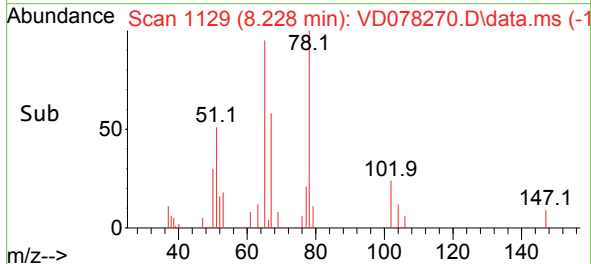
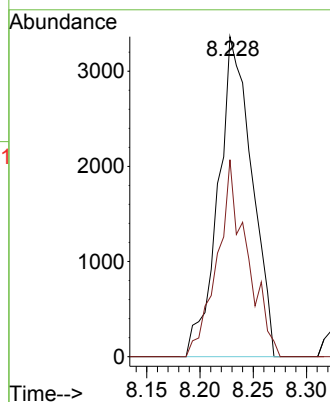
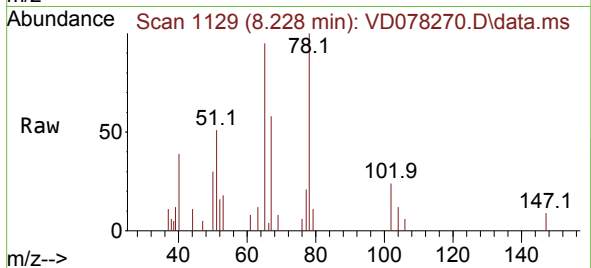
VSTDIC005

Tgt Ion: 65 Resp: 7403

Ion Ratio Lower Upper

65 100

67 54.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

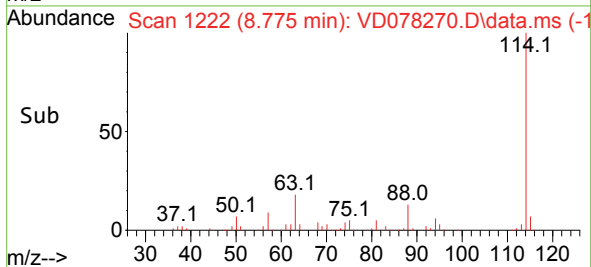
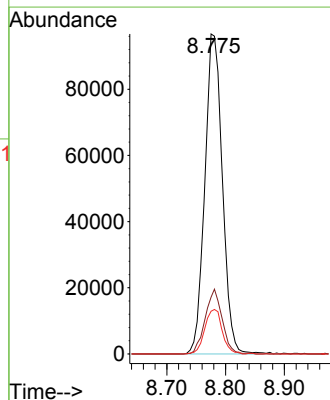
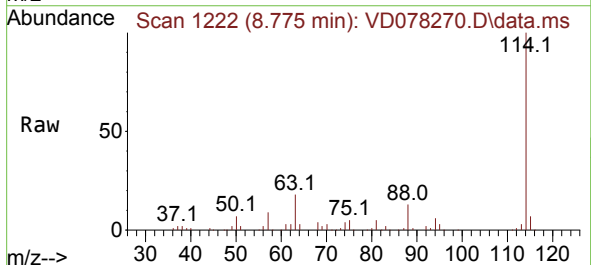
Tgt Ion:114 Resp: 200465

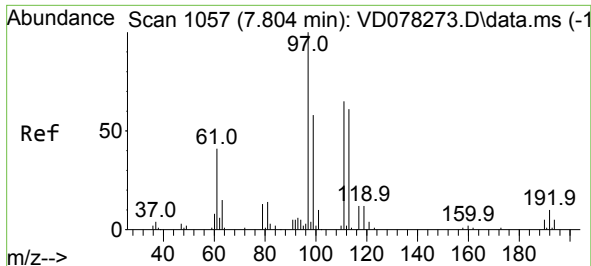
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 5.294 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

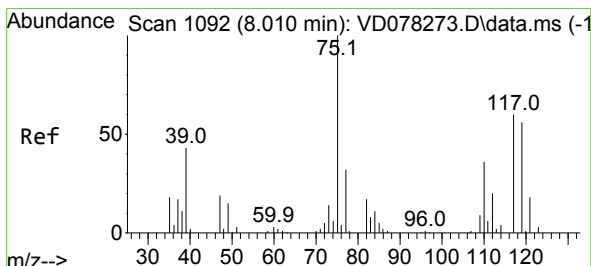
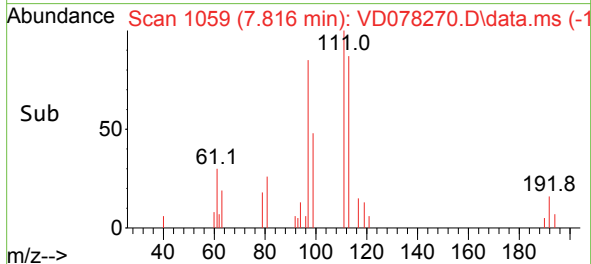
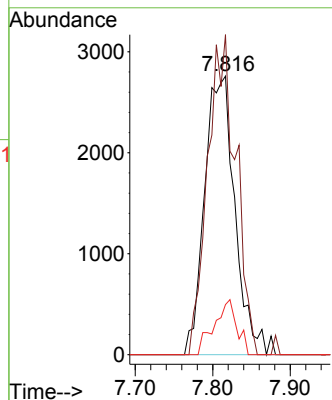
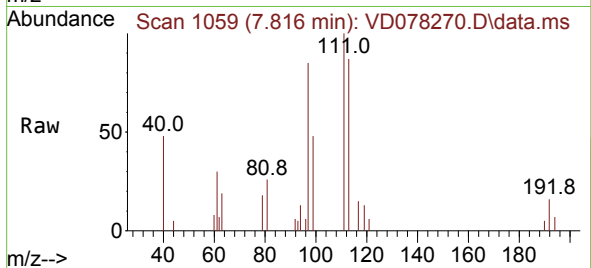
Tgt Ion:113 Resp: 7555

Ion Ratio Lower Upper

113 100

111 106.7 84.7 127.1

192 14.6 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 4.798 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

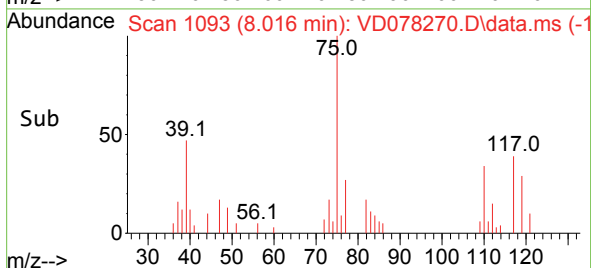
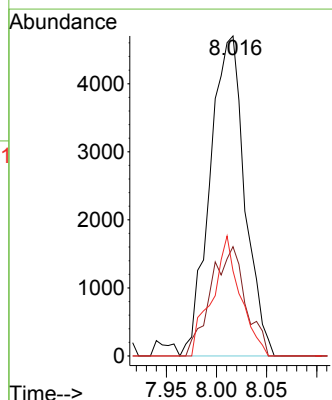
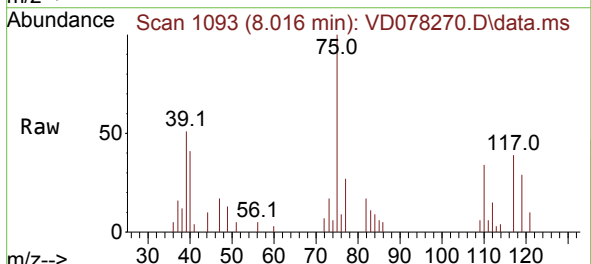
Tgt Ion: 75 Resp: 11356

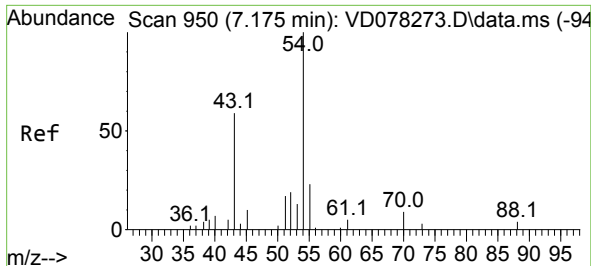
Ion Ratio Lower Upper

75 100

110 34.3 19.9 59.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 5.513 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

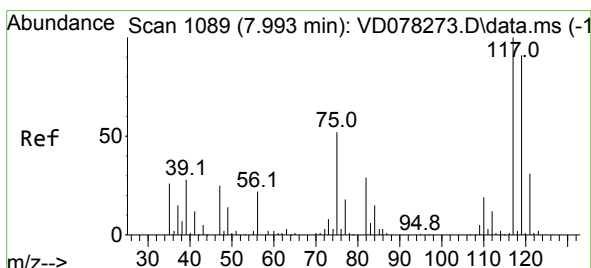
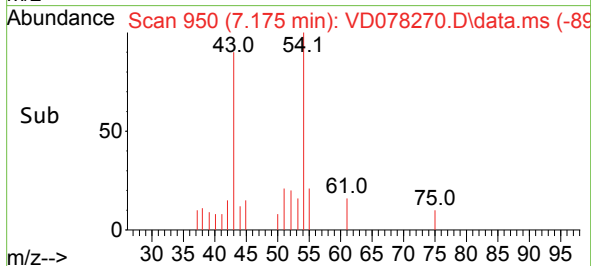
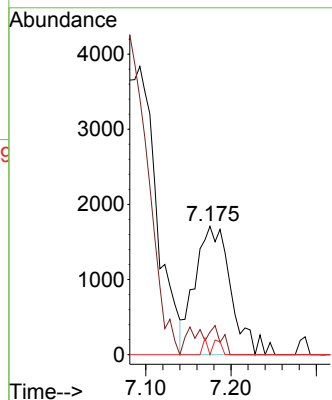
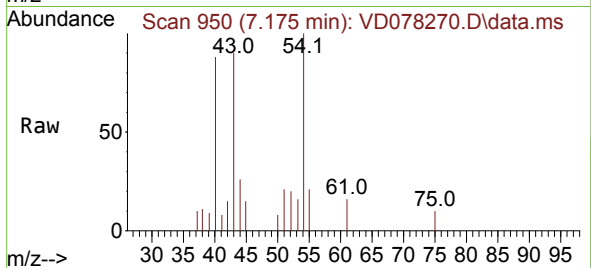
Tgt Ion: 43 Resp: 5022

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 2.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.873 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

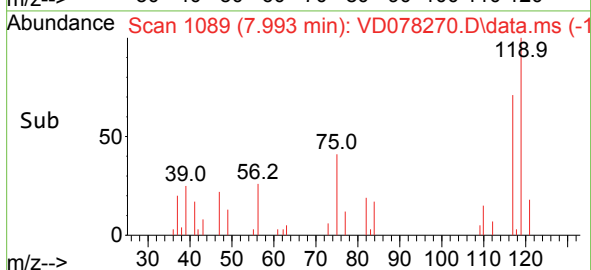
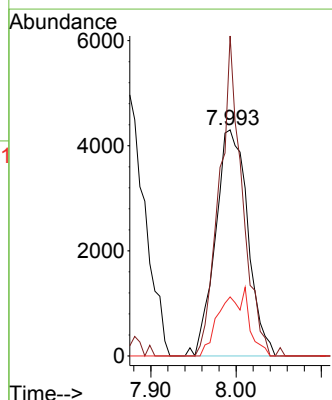
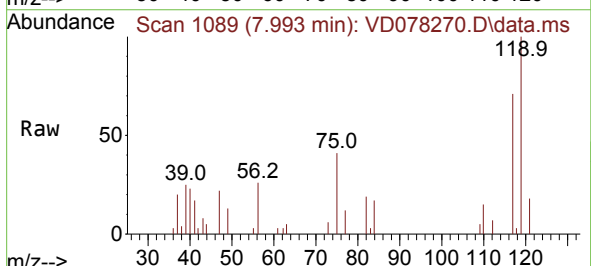
Tgt Ion: 117 Resp: 11340

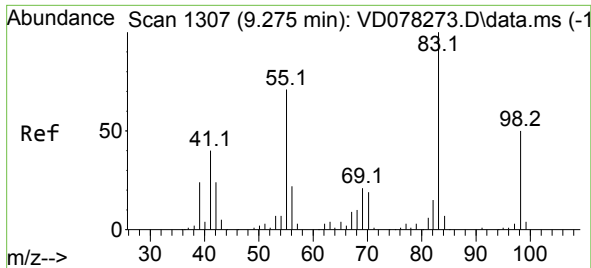
Ion Ratio Lower Upper

117 100

119 141.5 78.0 117.0#

121 26.1 24.2 36.2





#39

Methylcyclohexane

Concen: 4.653 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

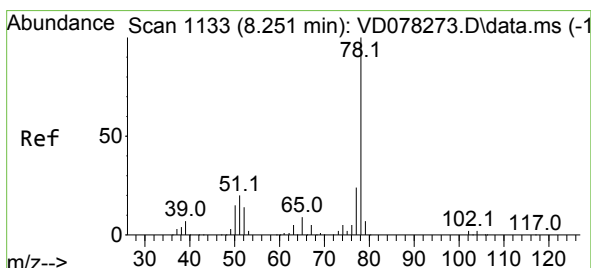
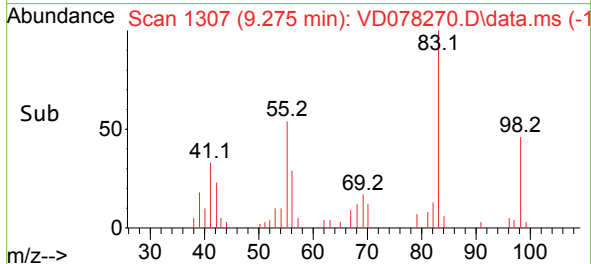
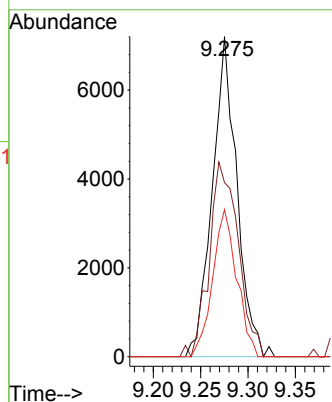
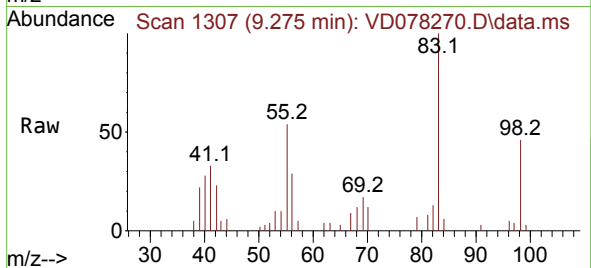
Tgt Ion: 83 Resp: 13019

Ion Ratio Lower Upper

83 100

55 54.4 49.4 74.0

98 45.9 38.4 57.6



#40

Benzene

Concen: 4.856 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078270.D

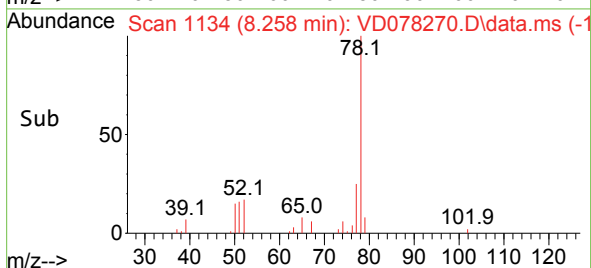
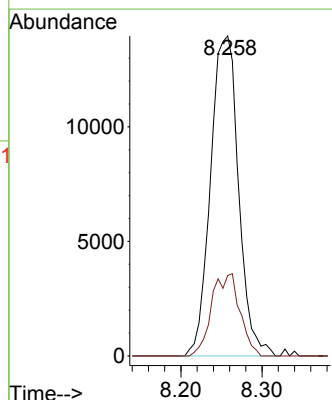
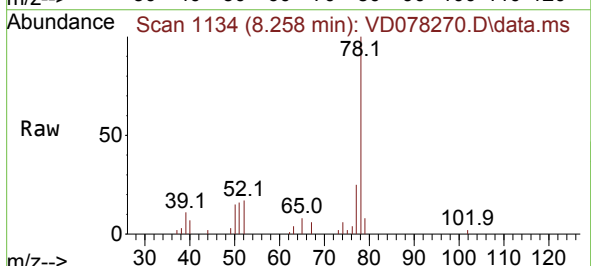
Acq: 30 Jan 2024 10:16

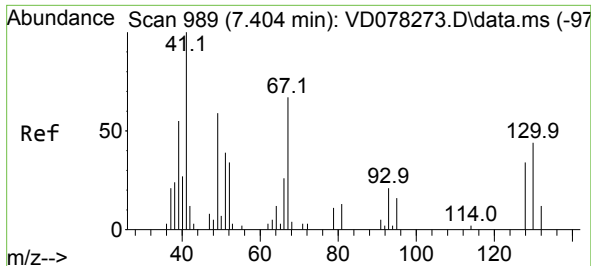
Tgt Ion: 78 Resp: 33529

Ion Ratio Lower Upper

78 100

77 25.2 19.4 29.0

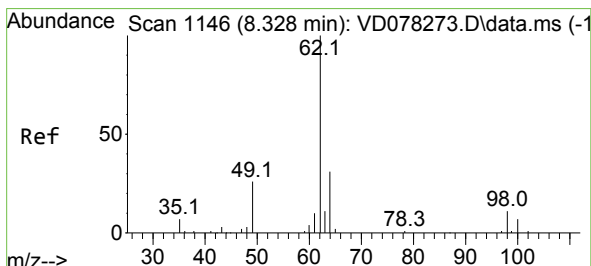
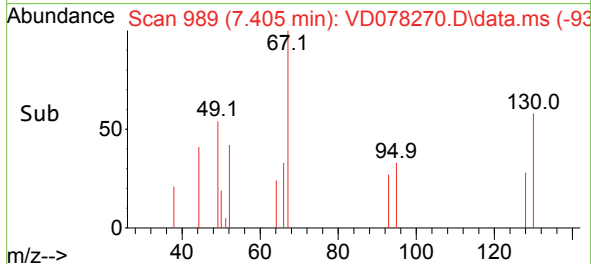
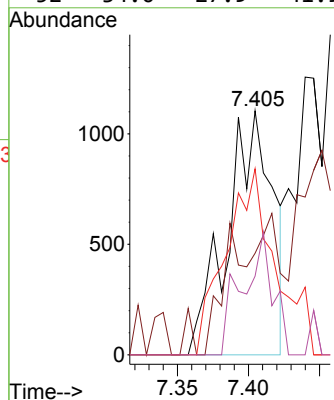
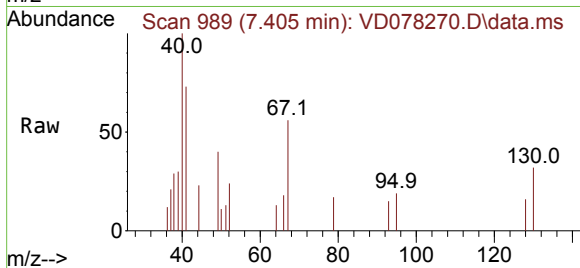




#41
Methacrylonitrile
Concen: 4.983 ug/l
RT: 7.405 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

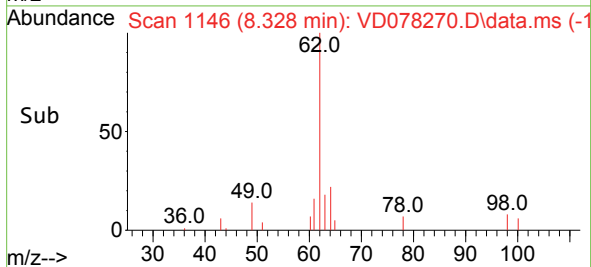
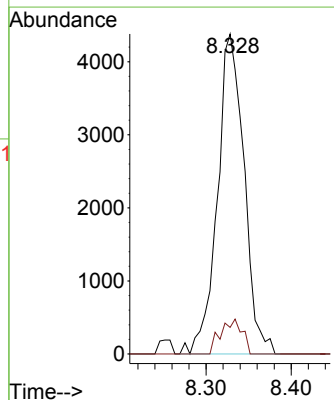
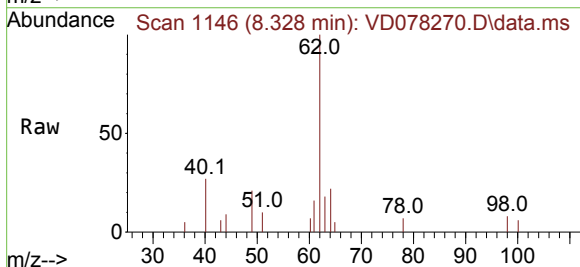
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

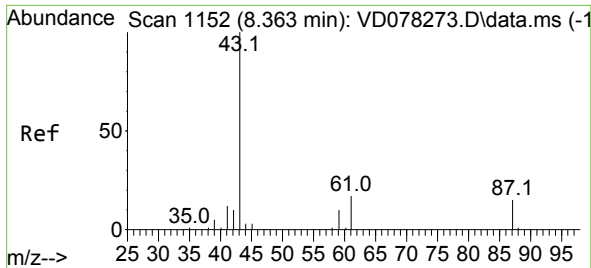
Tgt Ion: 41 Resp: 2440
Ion Ratio Lower Upper
41 100
39 16.7 34.0 51.0#
67 83.8 77.0 115.4
52 34.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 5.316 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 62 Resp: 9521
Ion Ratio Lower Upper
62 100
98 8.8 0.0 25.4

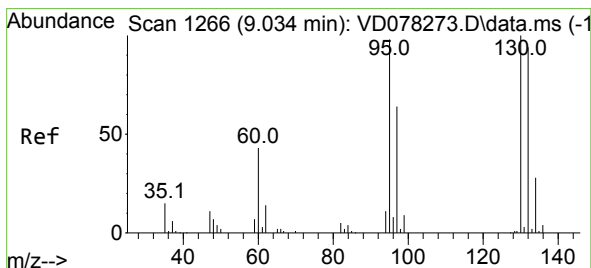
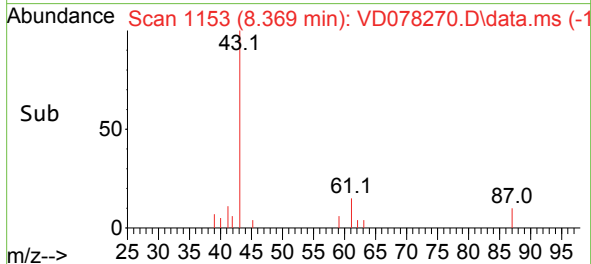
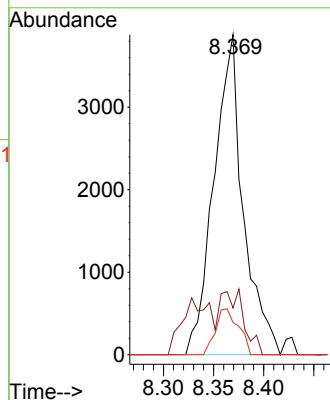
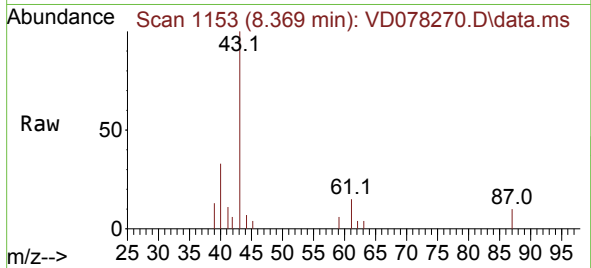




#43
Isopropyl Acetate
Concen: 4.832 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

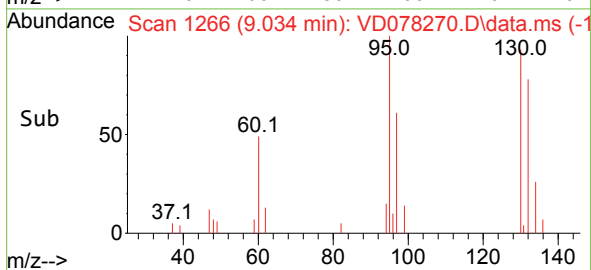
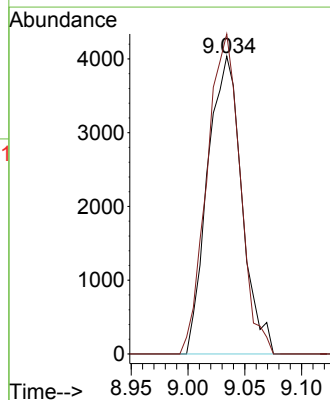
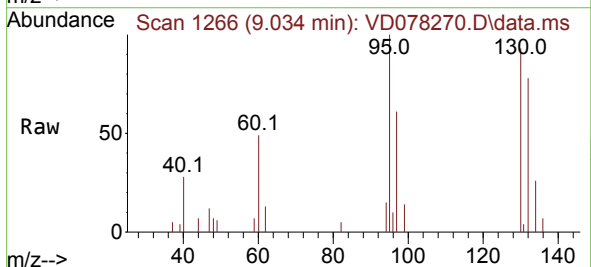
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

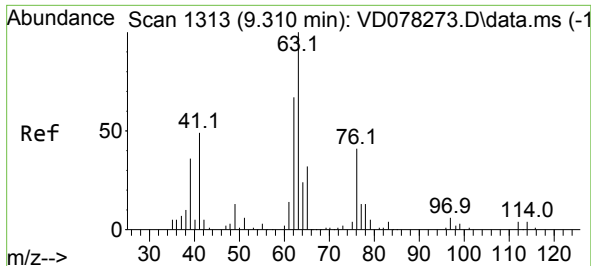
Tgt Ion: 43 Resp: 7891
Ion Ratio Lower Upper
43 100
61 16.0 31.4 47.0#
87 11.2 14.9 22.3#



#44
Trichloroethene
Concen: 4.985 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:130 Resp: 8453
Ion Ratio Lower Upper
130 100
95 107.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.852 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

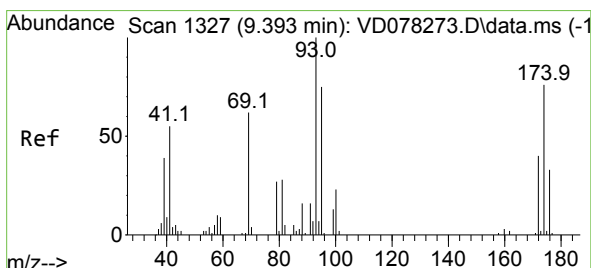
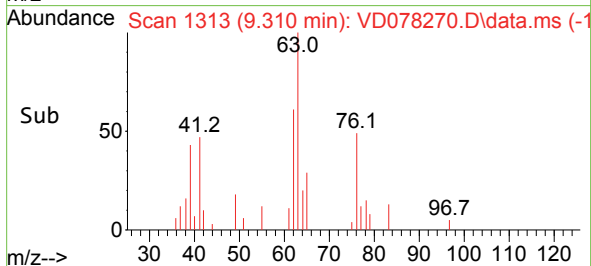
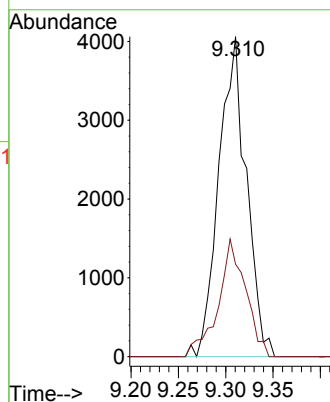
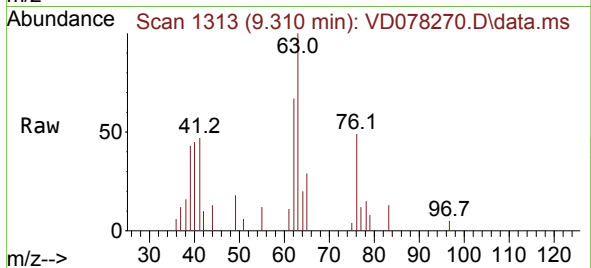
VSTDIC005

Tgt Ion: 63 Resp: 8191

Ion Ratio Lower Upper

63 100

65 28.9 24.5 36.7



#46

Dibromomethane

Concen: 5.165 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

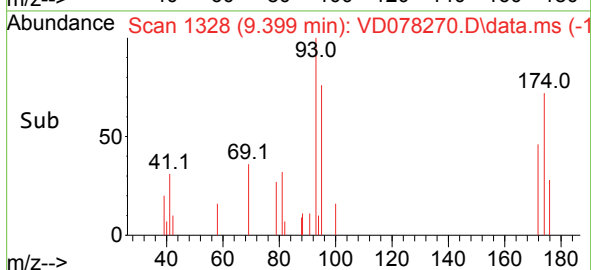
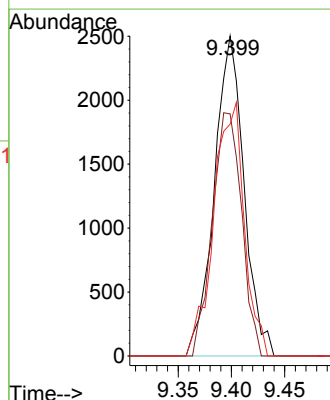
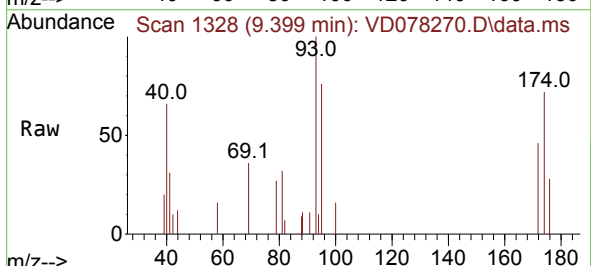
Tgt Ion: 93 Resp: 4838

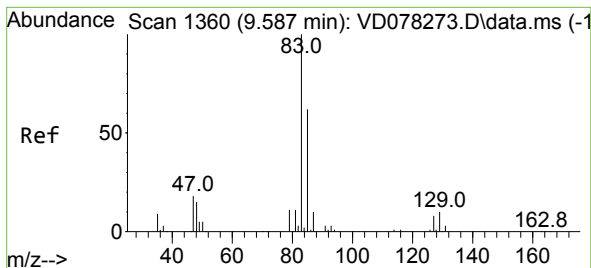
Ion Ratio Lower Upper

93 100

95 75.2 67.7 101.5

174 81.4 85.4 128.2#





#47

Bromodichloromethane

Concen: 5.218 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

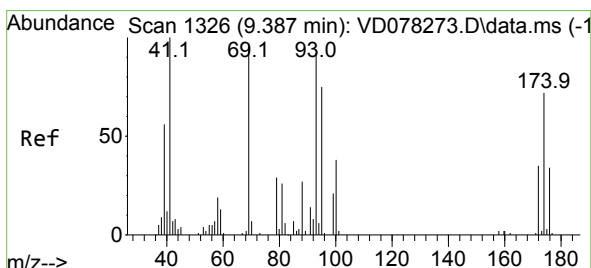
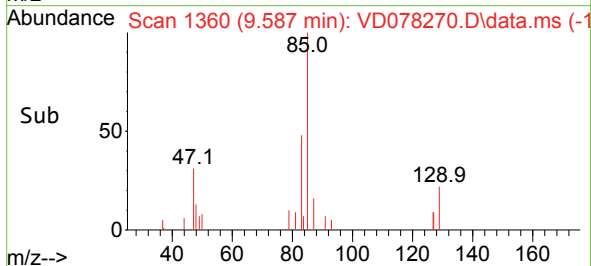
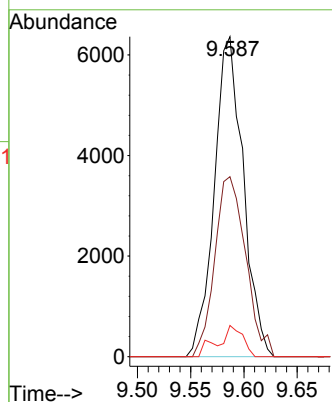
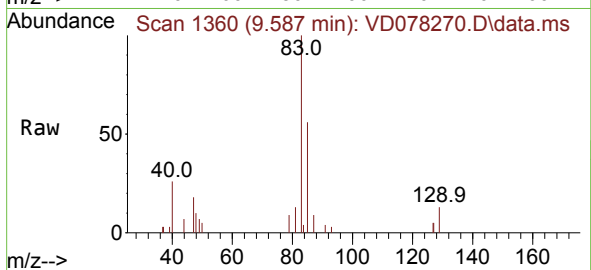
Tgt Ion: 83 Resp: 12026

Ion Ratio Lower Upper

83 100

85 56.3 50.2 75.4

127 9.7 6.3 9.5#



#48

Methyl methacrylate

Concen: 5.195 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

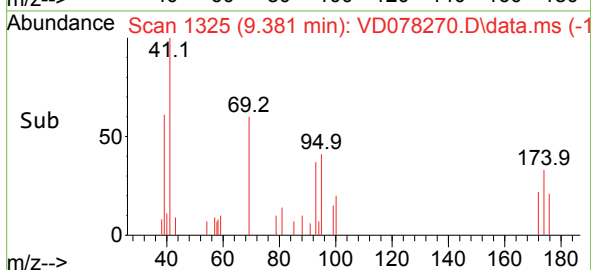
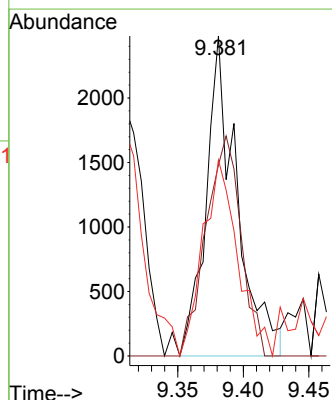
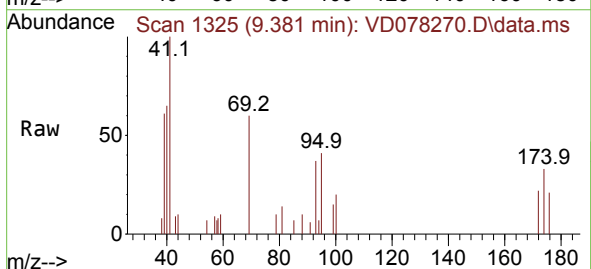
Tgt Ion: 41 Resp: 4054

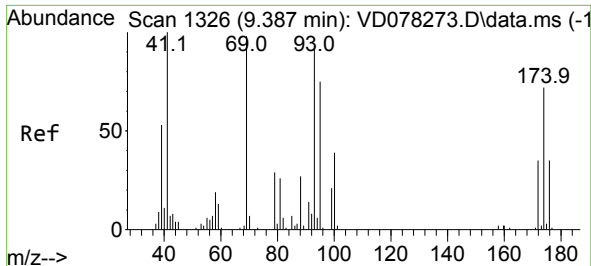
Ion Ratio Lower Upper

41 100

69 78.5 102.2 153.2#

39 69.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 92.405 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.012 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

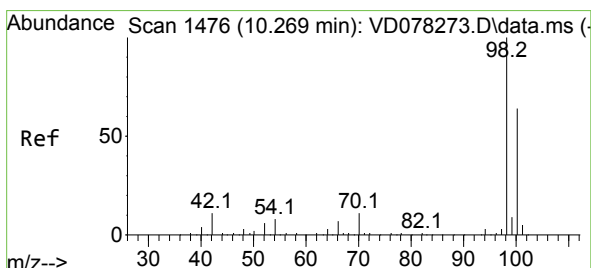
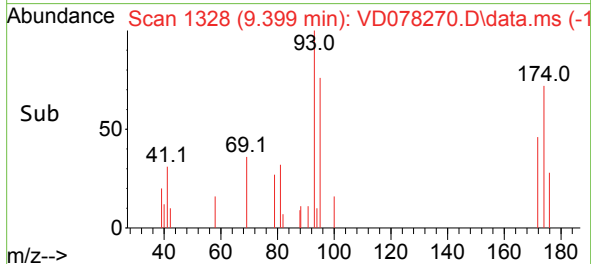
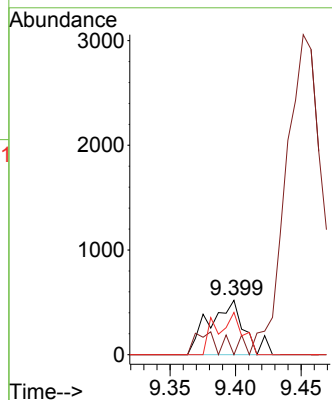
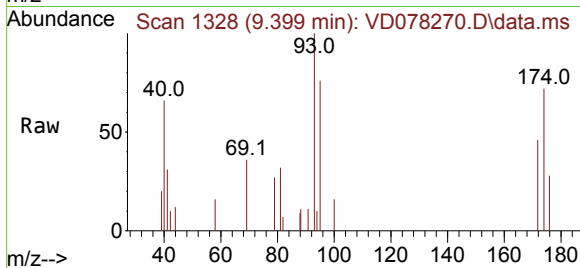
Tgt Ion: 88 Resp: 971

Ion Ratio Lower Upper

88 100

43 21.4 19.0 28.6

58 58.3 43.5 65.3



#50

Toluene-d8

Concen: 4.671 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078270.D

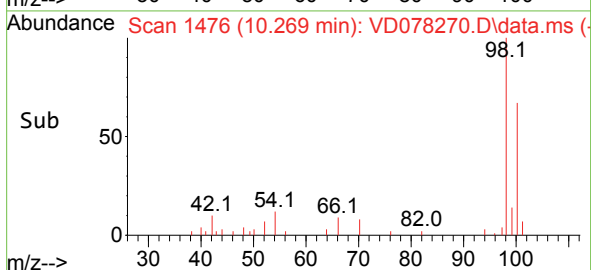
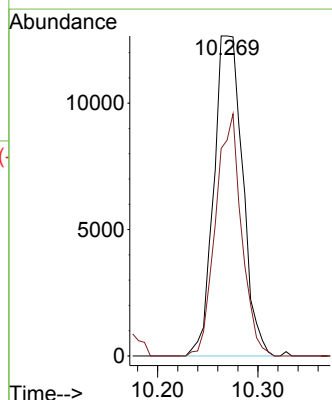
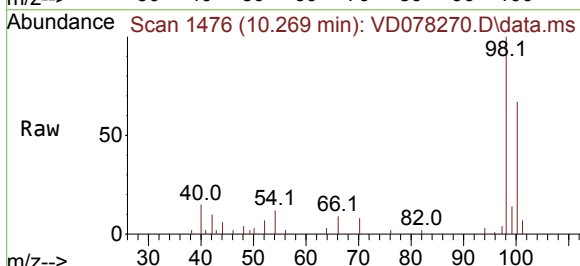
Acq: 30 Jan 2024 10:16

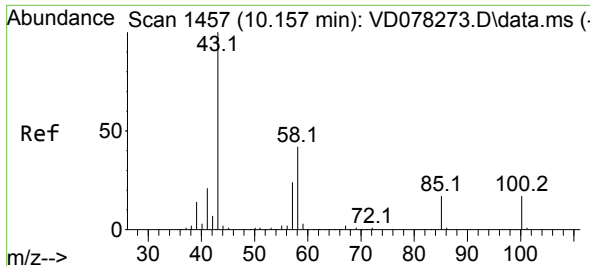
Tgt Ion: 98 Resp: 25241

Ion Ratio Lower Upper

98 100

100 67.9 50.3 75.5

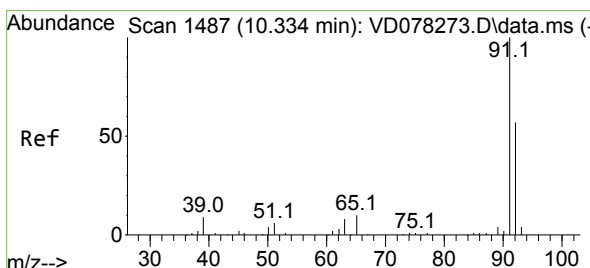
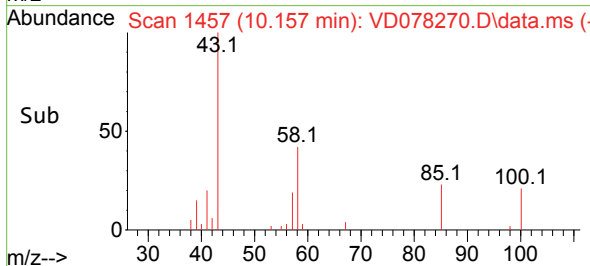
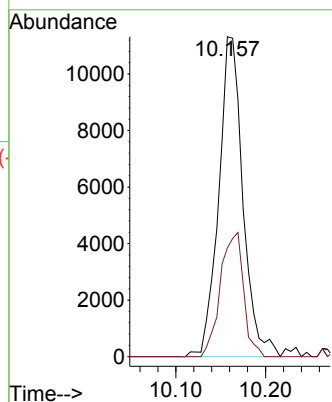
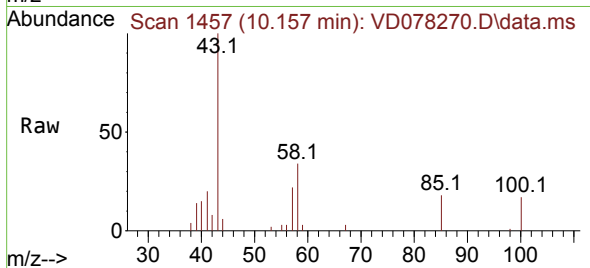




#51
4-Methyl-2-Pentanone
Concen: 24.011 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

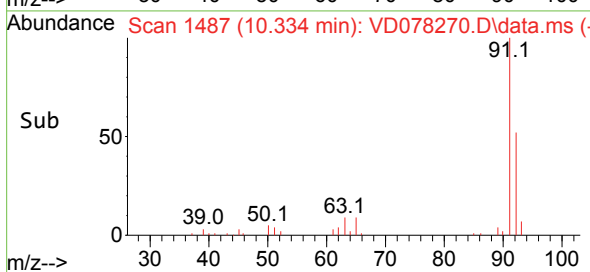
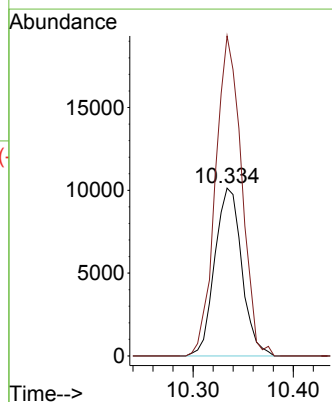
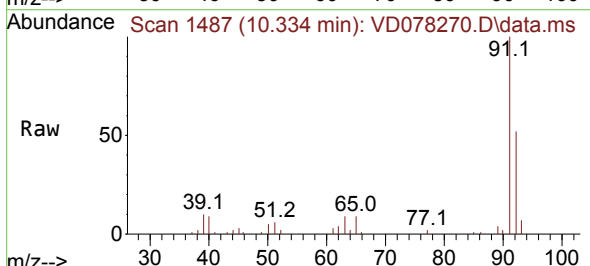
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

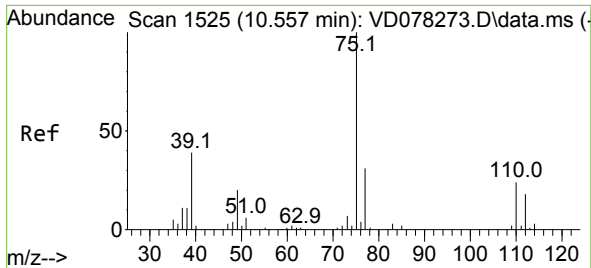
Tgt Ion: 43 Resp: 21213
Ion Ratio Lower Upper
43 100
58 37.0 38.9 58.3#



#52
Toluene
Concen: 4.533 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 92 Resp: 18985
Ion Ratio Lower Upper
92 100
91 184.6 143.0 214.4

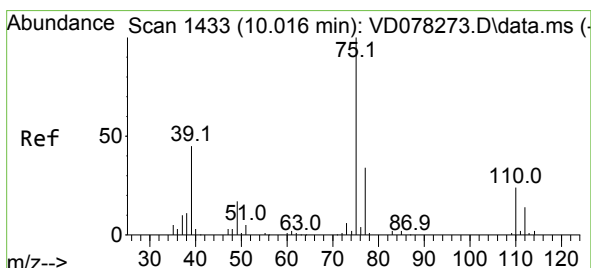
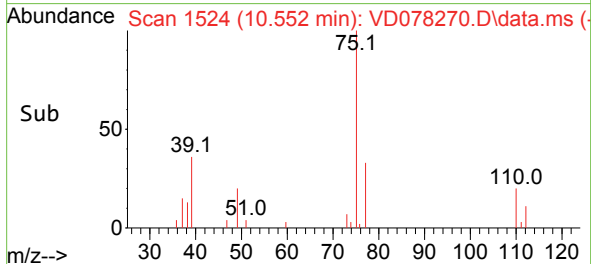
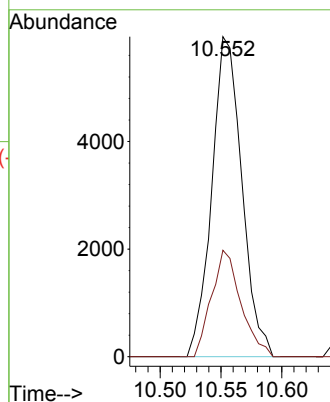
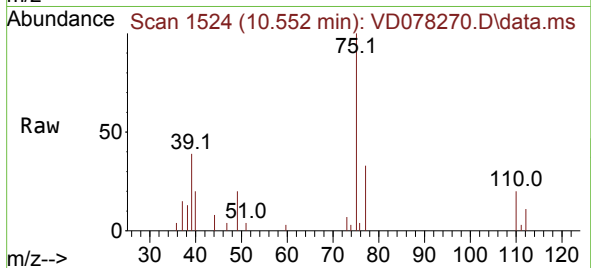




#53
t-1,3-Dichloropropene
Concen: 4.745 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

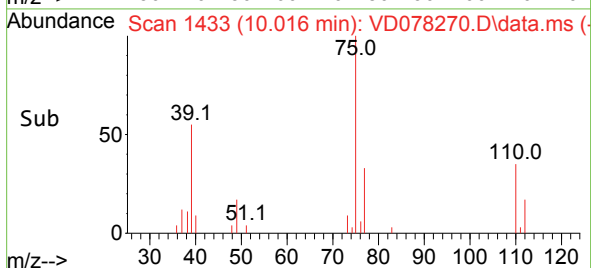
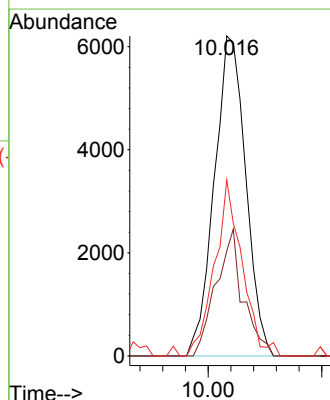
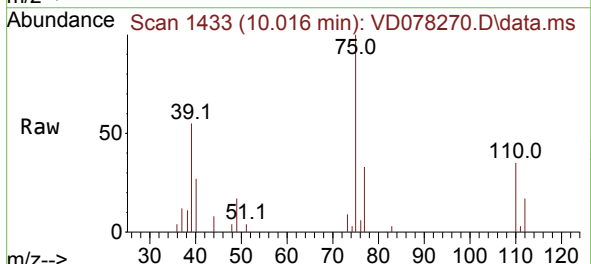
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

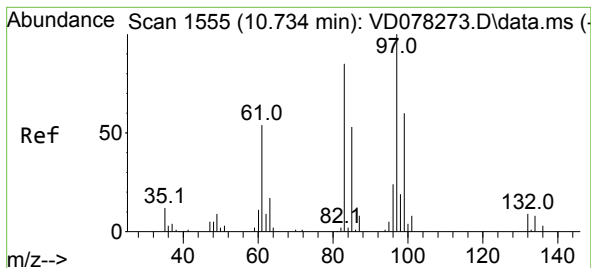
Tgt Ion: 75 Resp: 10214
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.681 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 75 Resp: 11929
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 55.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 4.590 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 5611

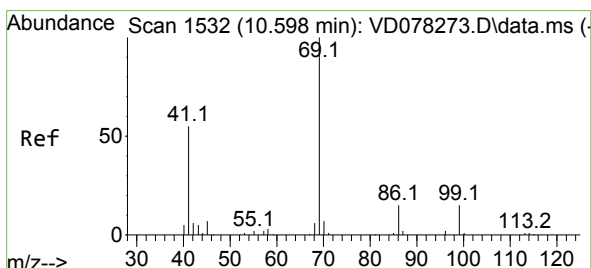
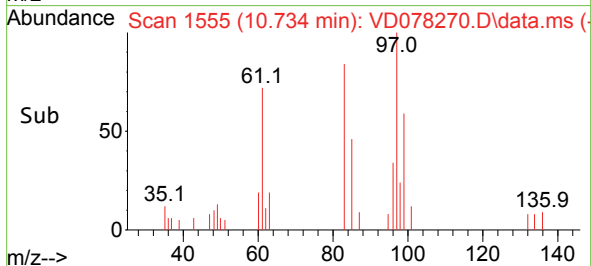
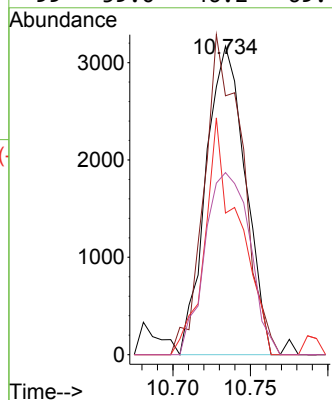
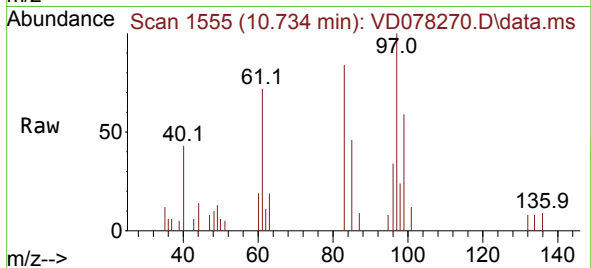
Ion Ratio Lower Upper

97 100

83 83.9 65.8 98.6

85 45.9 45.7 68.5

99 59.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 4.148 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

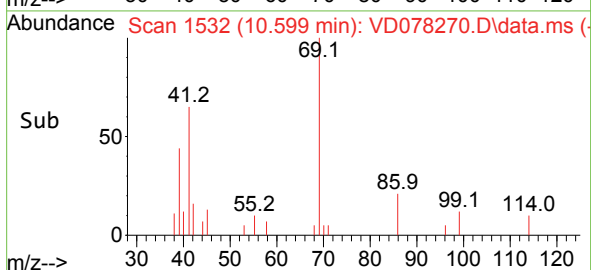
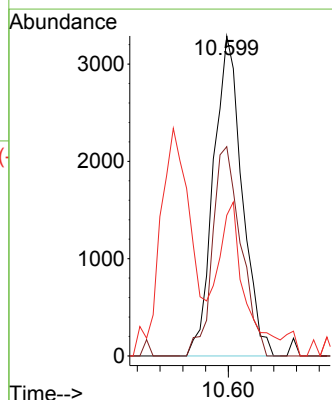
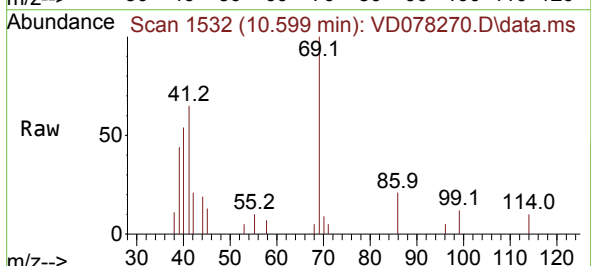
Tgt Ion: 69 Resp: 5751

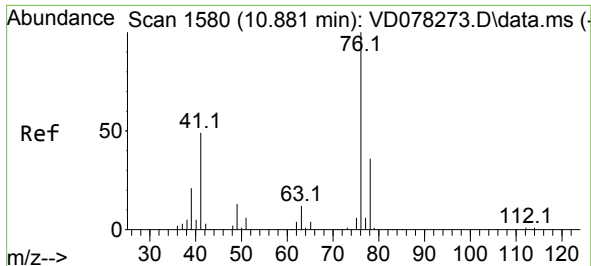
Ion Ratio Lower Upper

69 100

41 65.4 39.1 58.7#

39 35.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 4.732 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

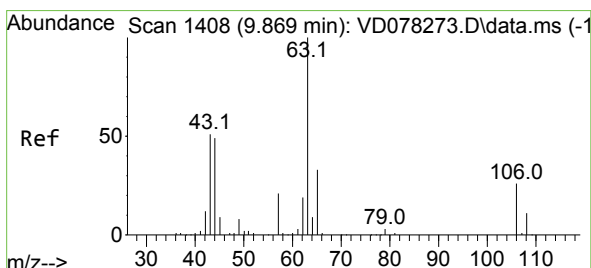
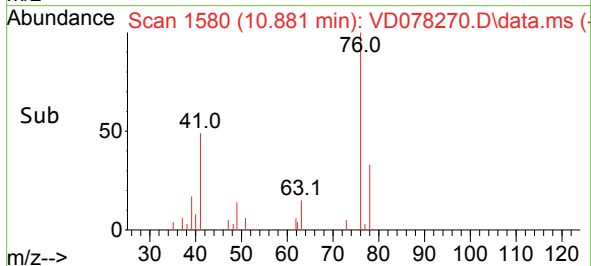
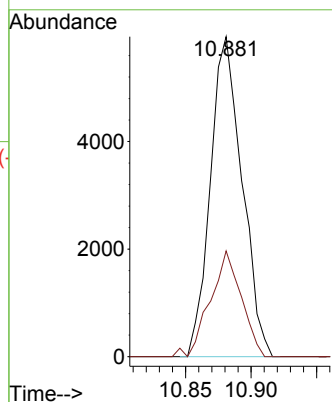
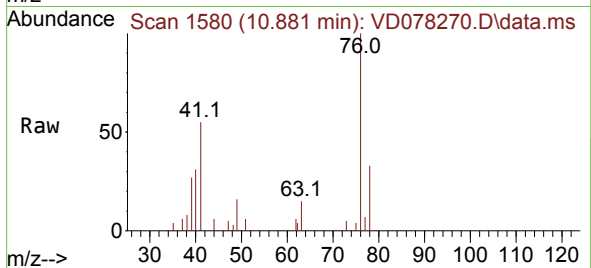
VSTDIC005

Tgt Ion: 76 Resp: 9973

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.287 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078270.D

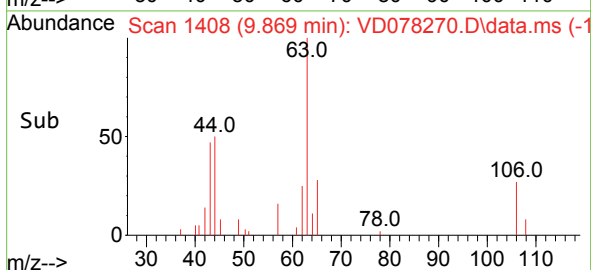
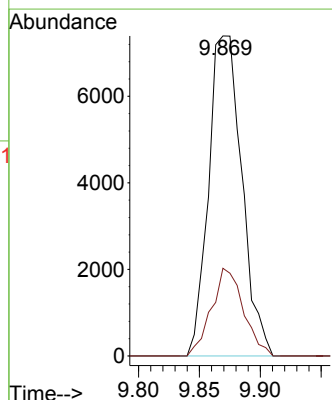
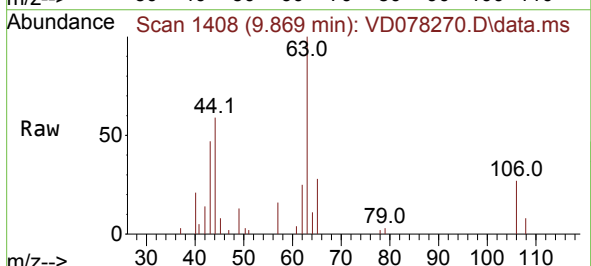
Acq: 30 Jan 2024 10:16

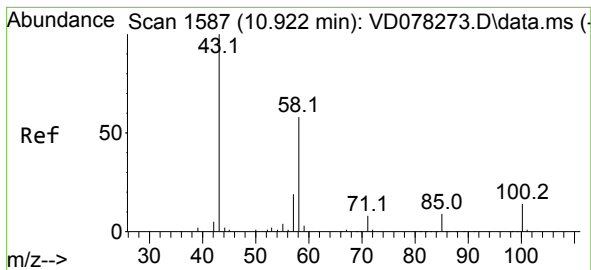
Tgt Ion: 63 Resp: 14053

Ion Ratio Lower Upper

63 100

106 26.3 25.3 37.9

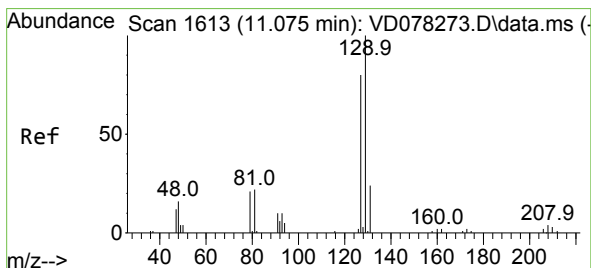
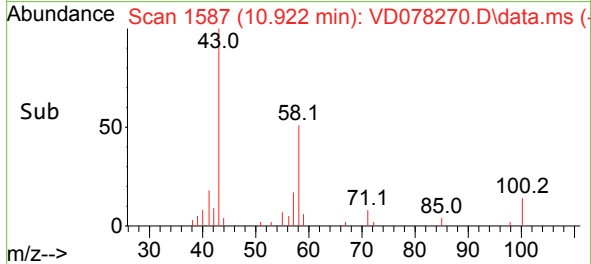
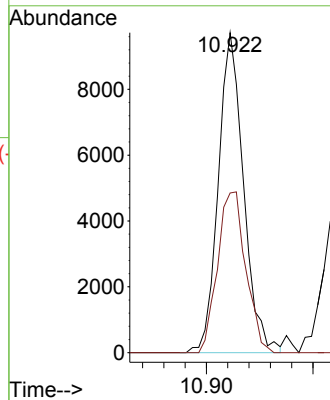
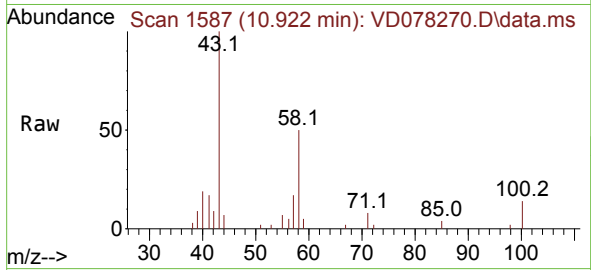




#59
2-Hexanone
Concen: 23.994 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

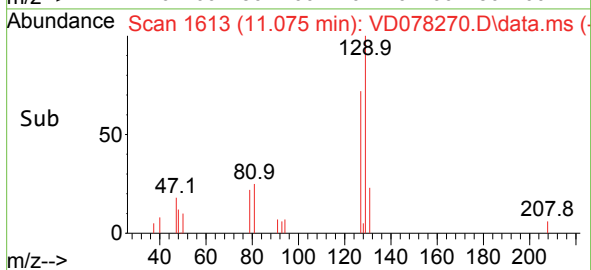
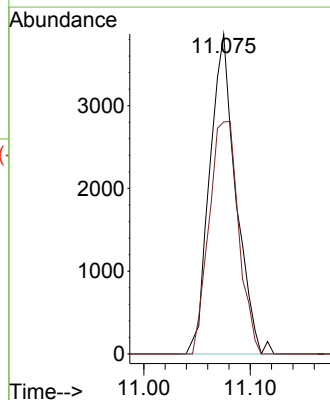
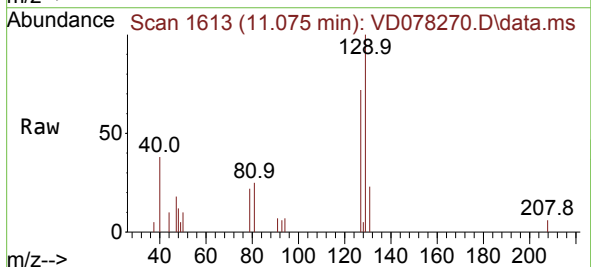
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

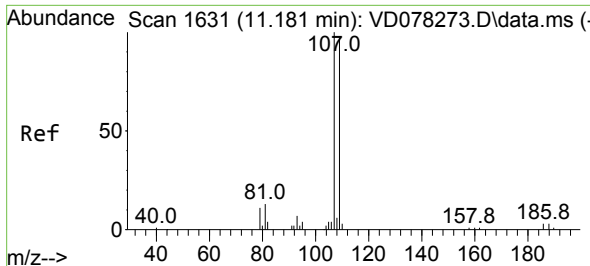
Tgt Ion: 43 Resp: 15965
Ion Ratio Lower Upper
43 100
58 56.3 34.1 102.2



#60
Dibromochloromethane
Concen: 4.648 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 129 Resp: 6595
Ion Ratio Lower Upper
129 100
127 82.0 37.1 111.5

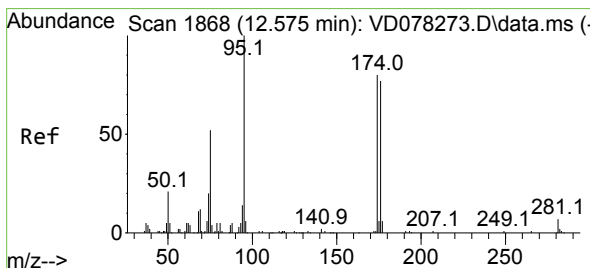
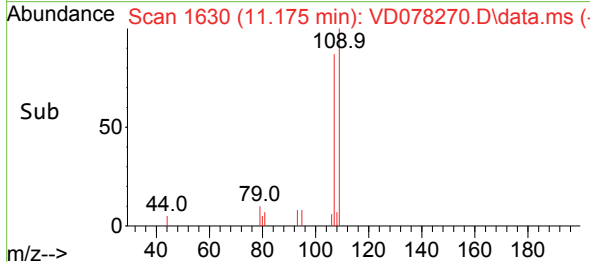
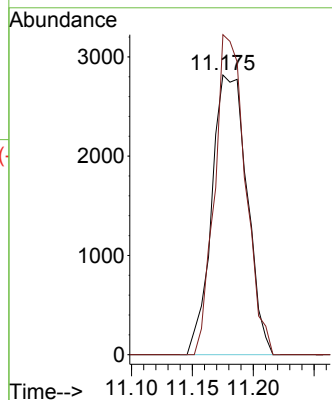
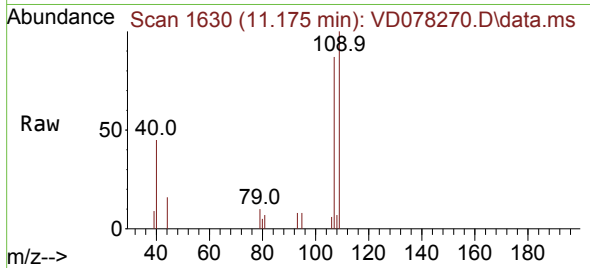




#61
1,2-Dibromoethane
Concen: 4.904 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

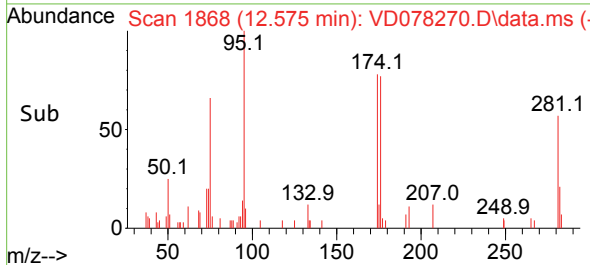
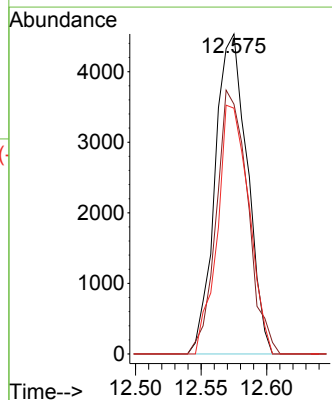
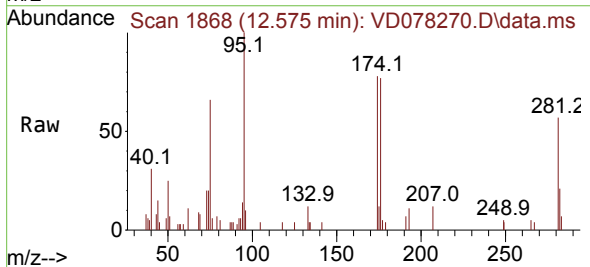
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

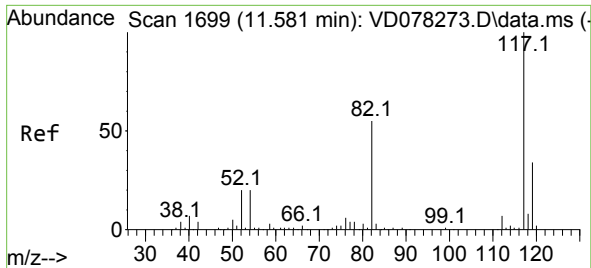
Tgt Ion:107 Resp: 5660
Ion Ratio Lower Upper
107 100
109 100.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.781 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 95 Resp: 7737
Ion Ratio Lower Upper
95 100
174 80.5 0.0 201.8
176 76.1 0.0 191.8

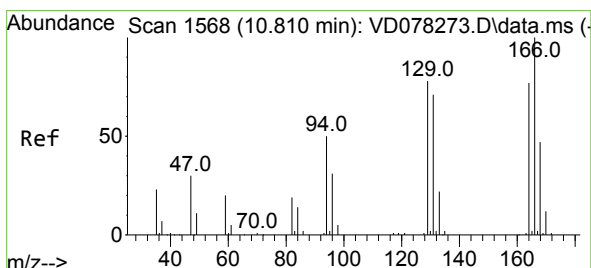
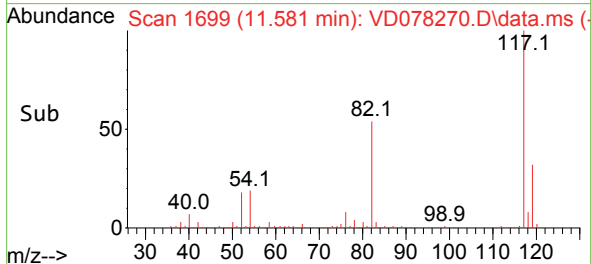
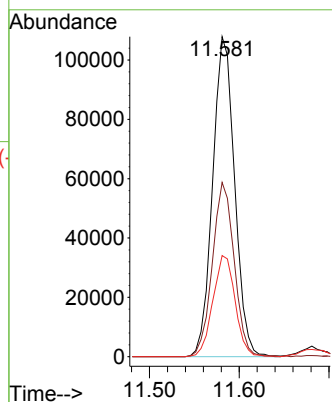
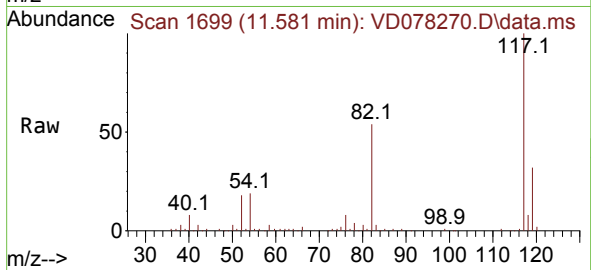




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

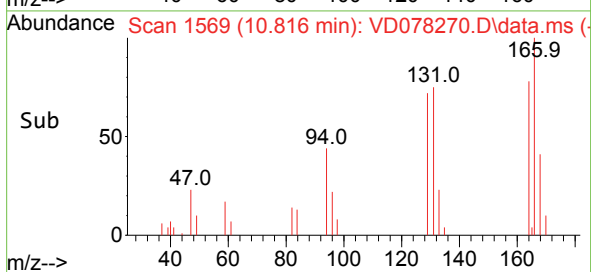
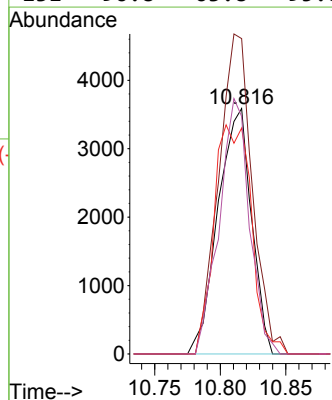
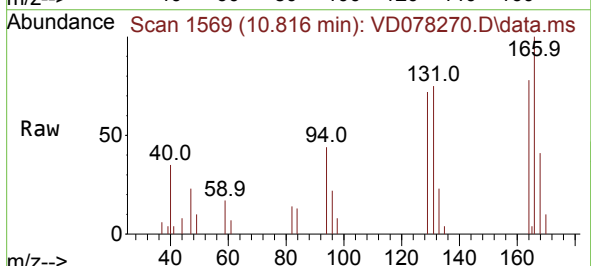
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

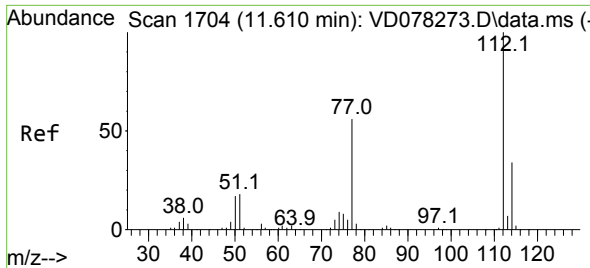
Tgt Ion:117 Resp: 183459
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 4.967 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:164 Resp: 6356
Ion Ratio Lower Upper
164 100
166 128.5 99.2 148.8
129 92.0 68.4 102.6
131 96.8 63.8 95.8#

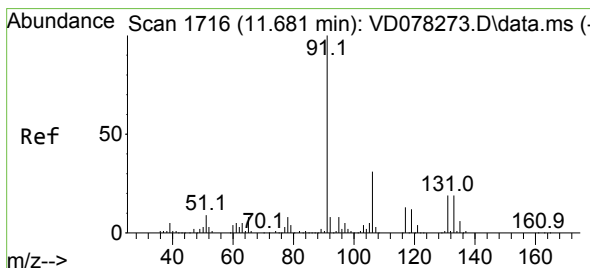
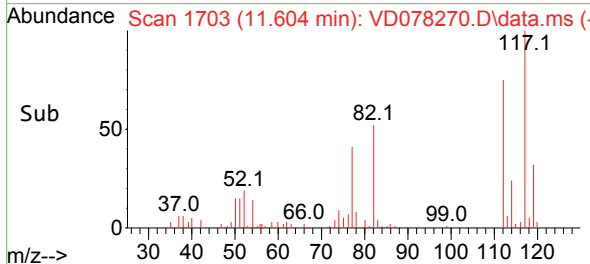
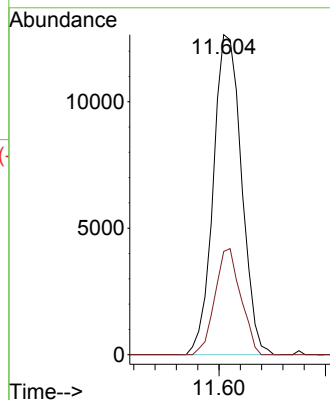
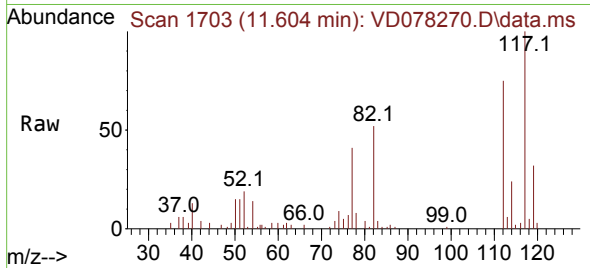




#65
Chlorobenzene
Concen: 5.300 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

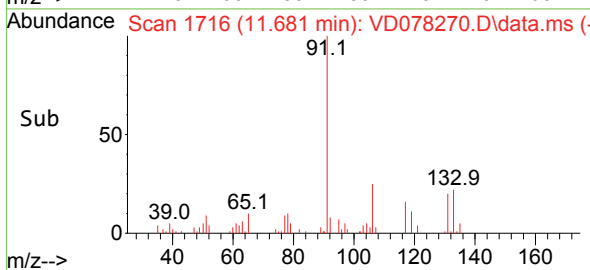
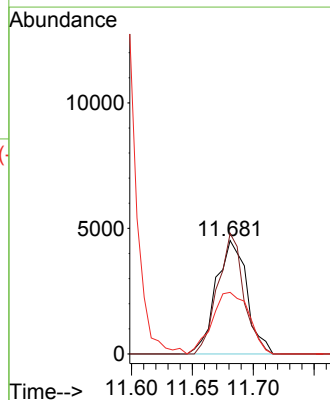
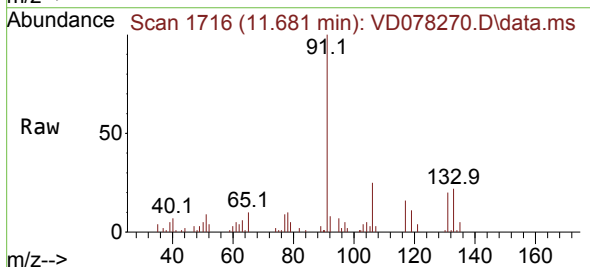
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

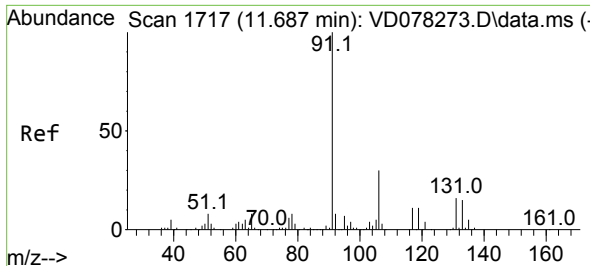
Tgt Ion:112 Resp: 23261
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.089 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:131 Resp: 7953
Ion Ratio Lower Upper
131 100
133 90.0 48.5 145.5
119 65.2 35.6 106.9

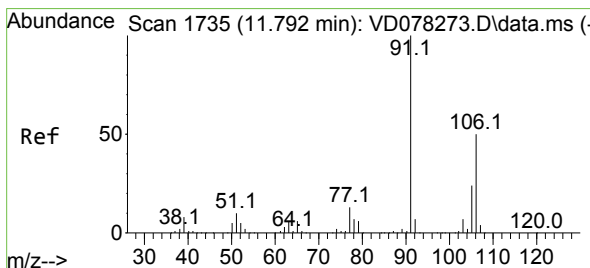
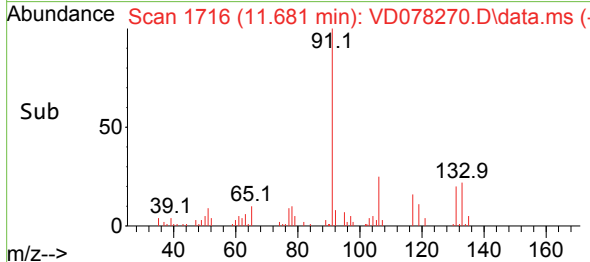
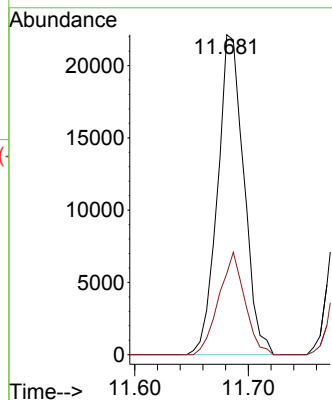
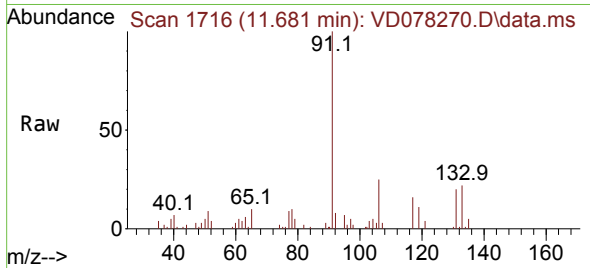




#67
Ethyl Benzene
Concen: 4.484 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

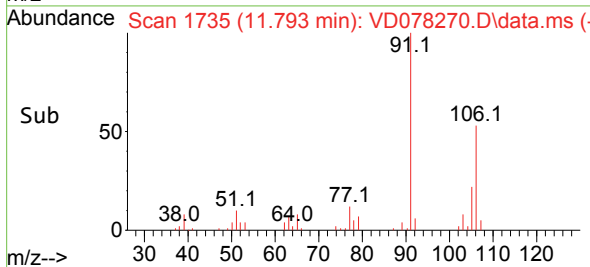
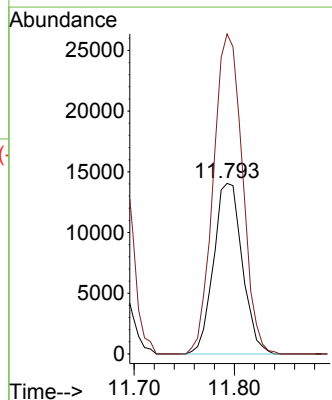
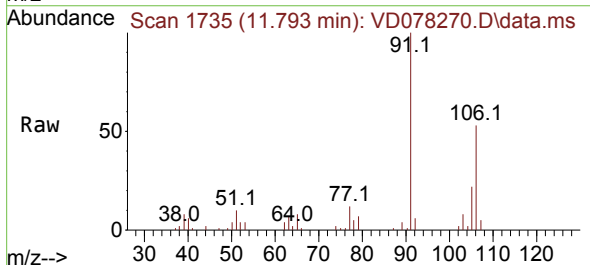
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

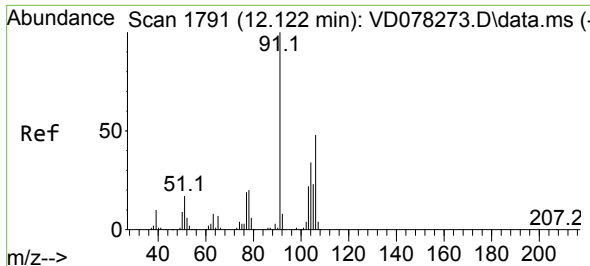
Tgt Ion: 91 Resp: 35647
Ion Ratio Lower Upper
91 100
106 25.4 26.5 39.7#



#68
m/p-Xylenes
Concen: 9.109 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:106 Resp: 27861
Ion Ratio Lower Upper
106 100
91 189.9 147.0 220.6

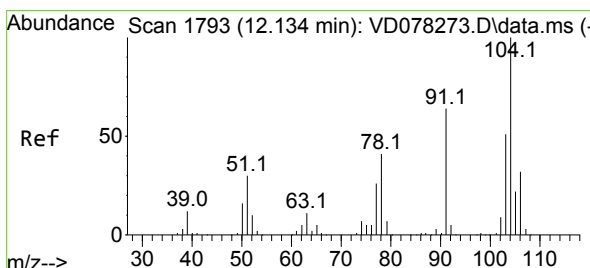
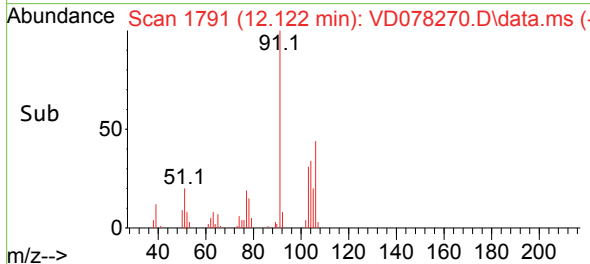
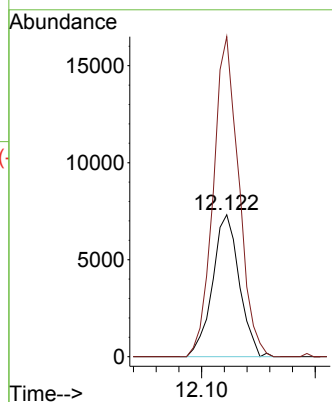
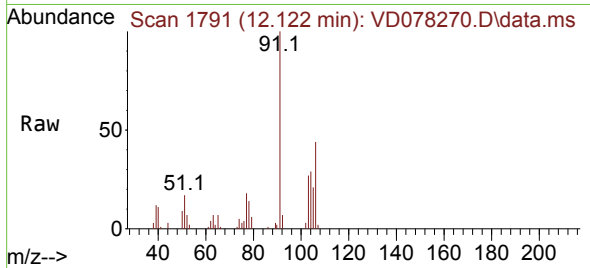




#69
o-Xylene
Concen: 4.257 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

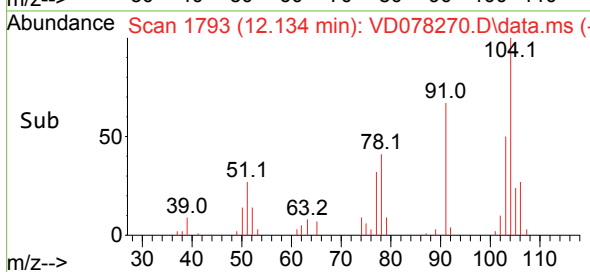
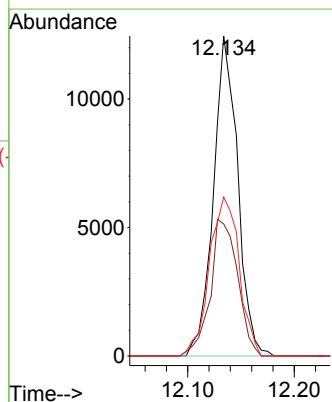
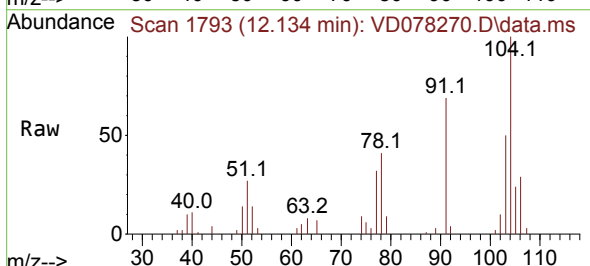
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

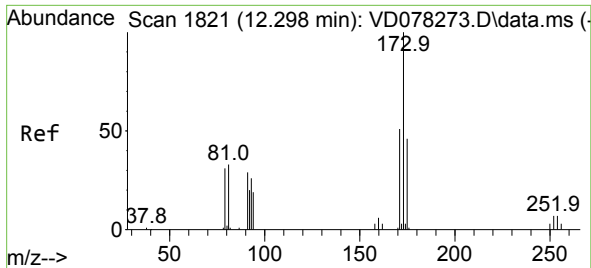
Tgt Ion:106 Resp: 11965
Ion Ratio Lower Upper
106 100
91 215.1 97.9 293.6



#70
Styrene
Concen: 4.101 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:104 Resp: 19686
Ion Ratio Lower Upper
104 100
78 48.0 33.2 49.8
103 60.9 43.6 65.4

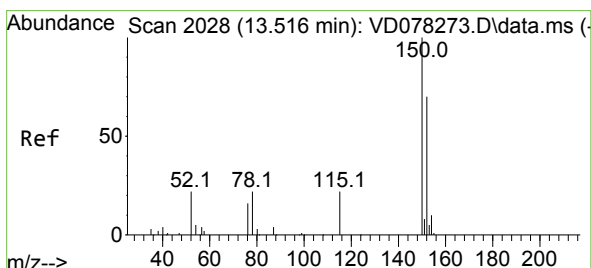
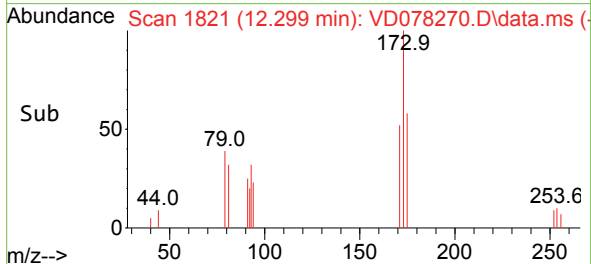
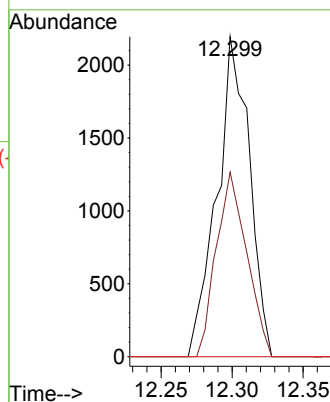
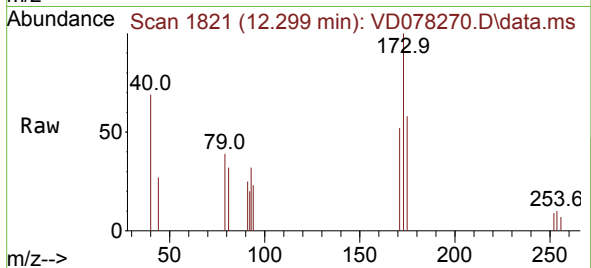




#71
Bromoform
Concen: 4.548 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

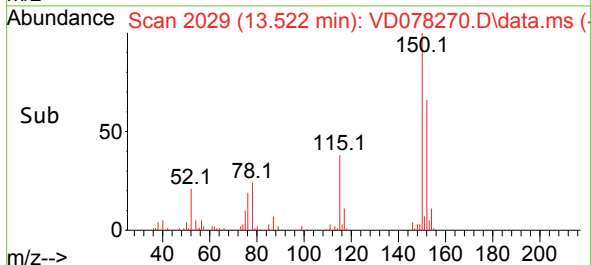
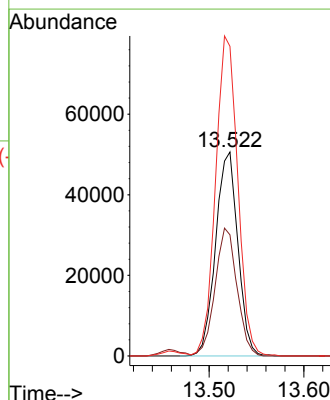
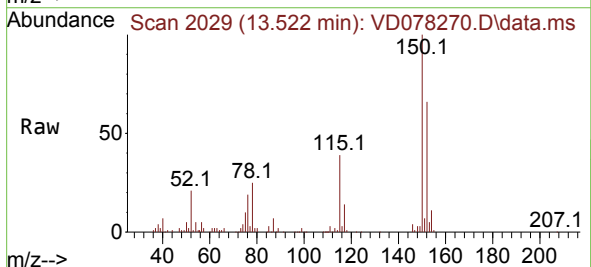
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

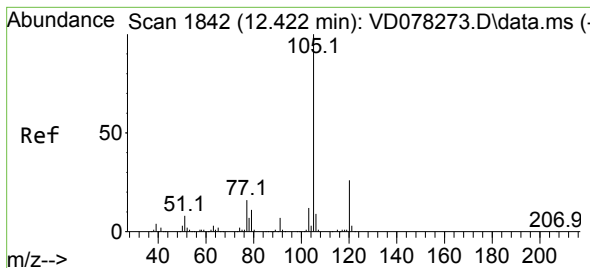
Tgt Ion:173 Resp: 3500
Ion Ratio Lower Upper
173 100
175 53.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:152 Resp: 82767
Ion Ratio Lower Upper
152 100
115 61.9 27.1 81.3
150 156.2 0.0 353.6





#73

Isopropylbenzene

Concen: 4.531 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

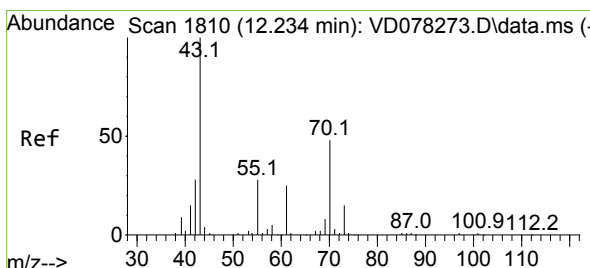
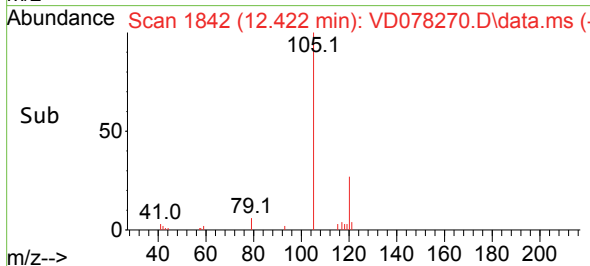
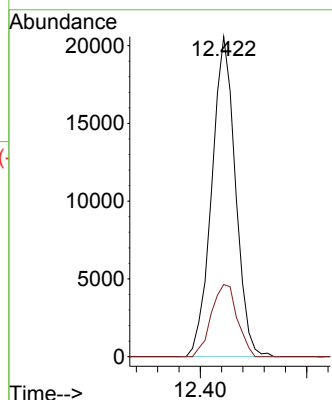
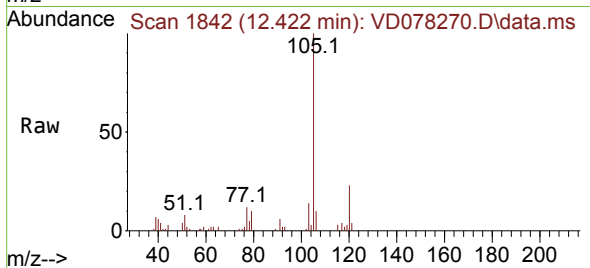
VSTDIC005

Tgt Ion:105 Resp: 31729

Ion Ratio Lower Upper

105 100

120 24.6 14.3 42.9



#74

N-ethyl acetate

Concen: 4.454 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Tgt Ion: 43 Resp: 6451

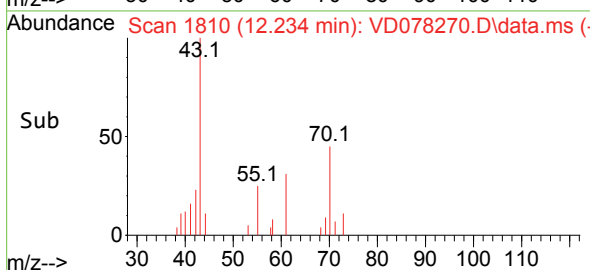
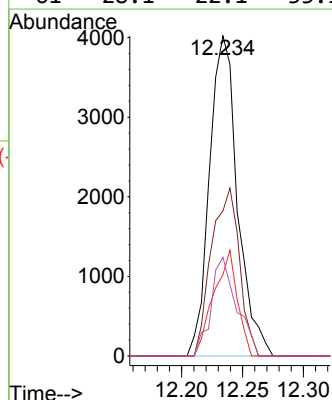
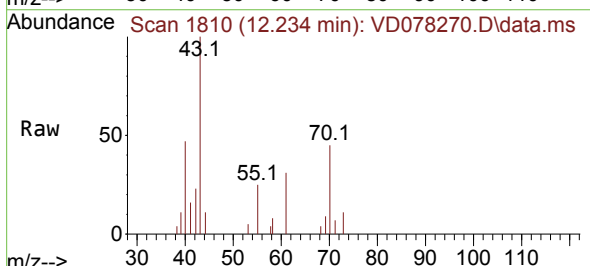
Ion Ratio Lower Upper

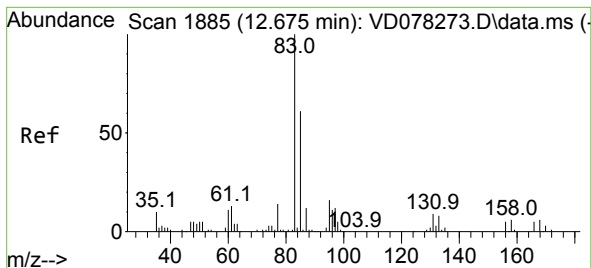
43 100

70 52.2 45.0 67.4

55 27.6 23.8 35.6

61 28.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.172 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

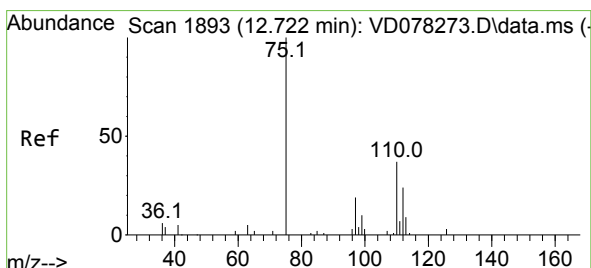
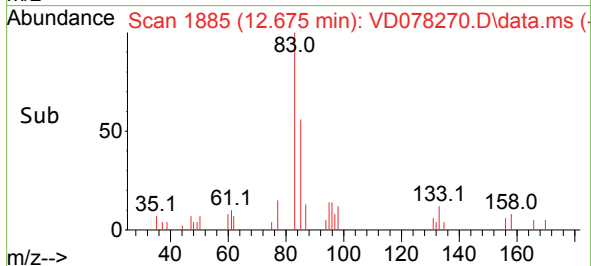
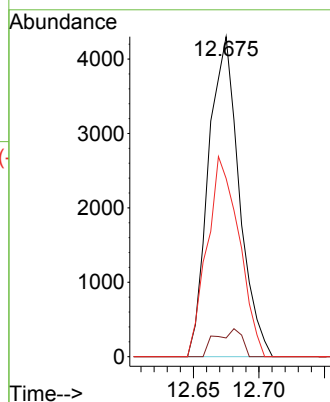
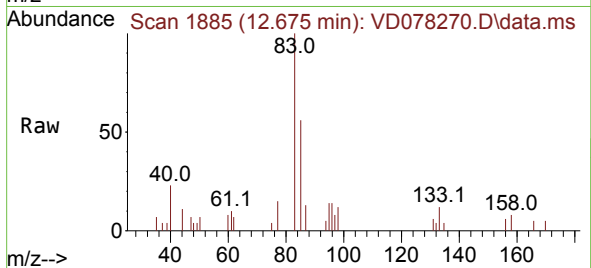
Tgt Ion: 83 Resp: 6995

Ion Ratio Lower Upper

83 100

131 7.4 5.1 15.3

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 9.065 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078270.D

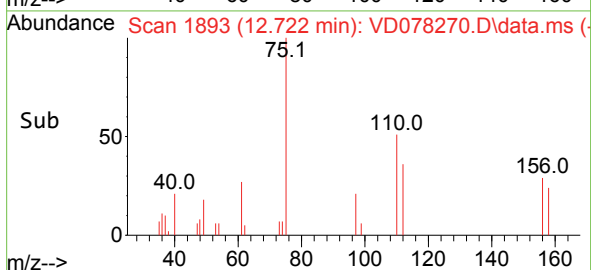
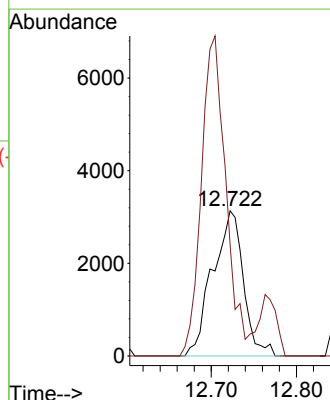
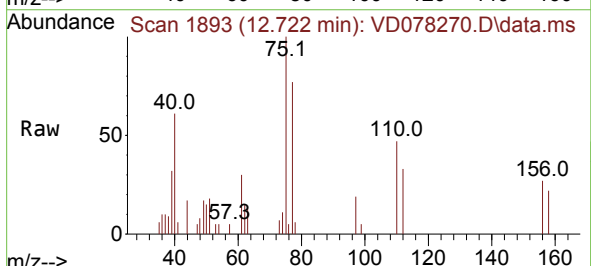
Acq: 30 Jan 2024 10:16

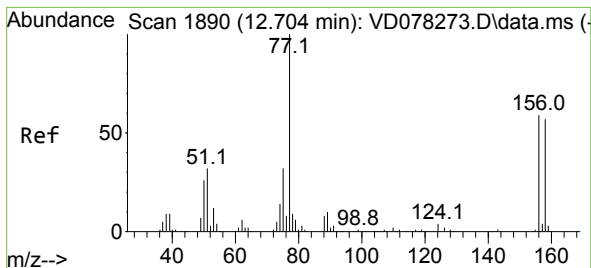
Tgt Ion: 75 Resp: 7842

Ion Ratio Lower Upper

75 100

77 176.6 0.0 0.0#





#77

Bromobenzene

Concen: 4.960 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

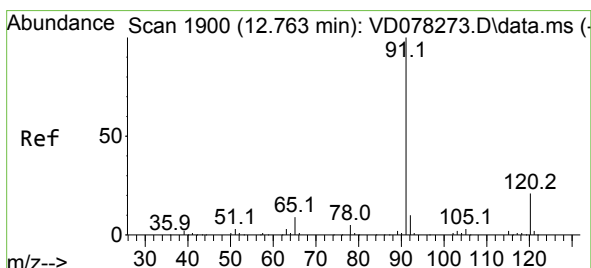
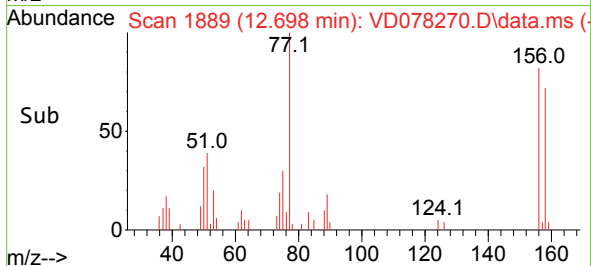
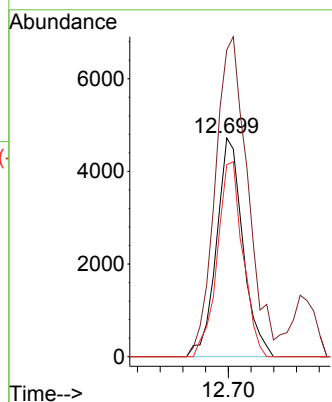
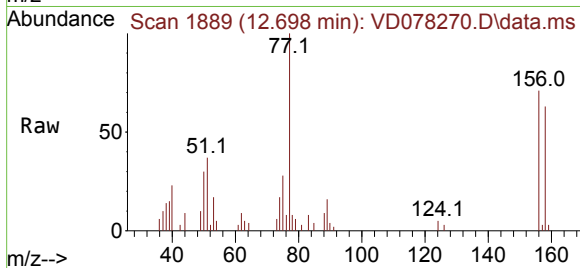
Tgt Ion:156 Resp: 7643

Ion Ratio Lower Upper

156 100

77 181.2 76.8 230.4

158 86.2 48.6 145.9



#78

n-propylbenzene

Concen: 4.525 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078270.D

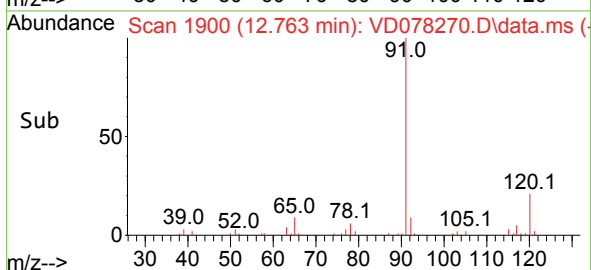
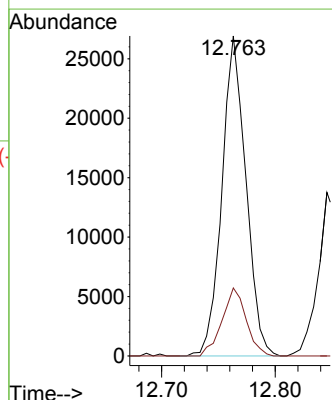
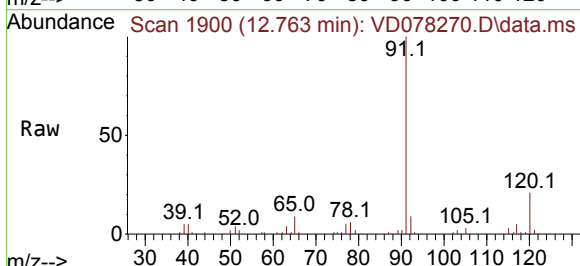
Acq: 30 Jan 2024 10:16

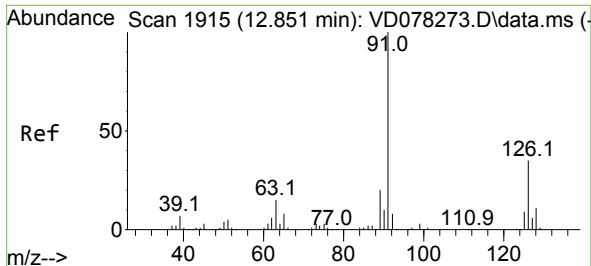
Tgt Ion: 91 Resp: 39475

Ion Ratio Lower Upper

91 100

120 21.4 12.4 37.2

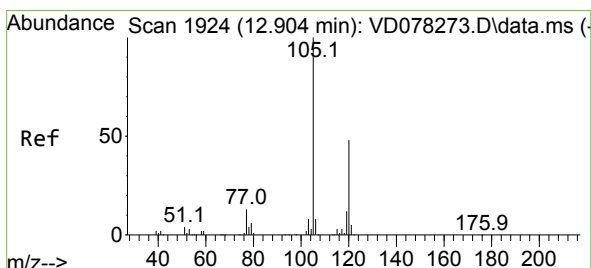
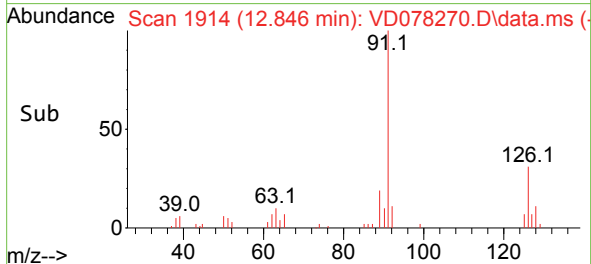
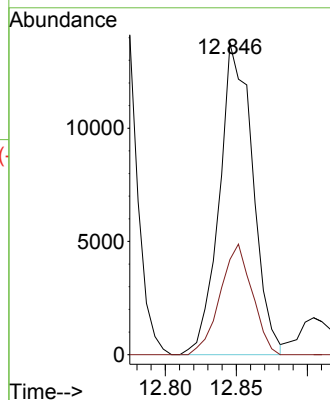
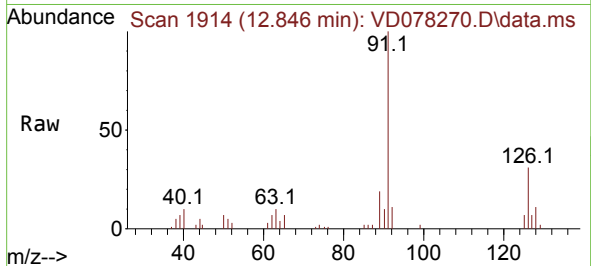




#79
2-Chlorotoluene
Concen: 4.821 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

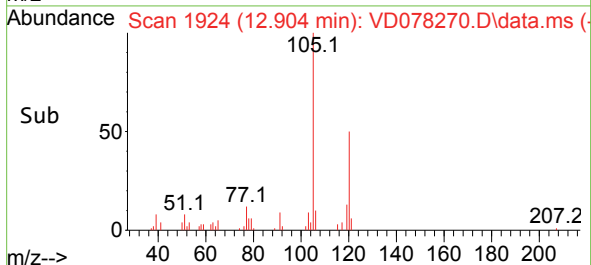
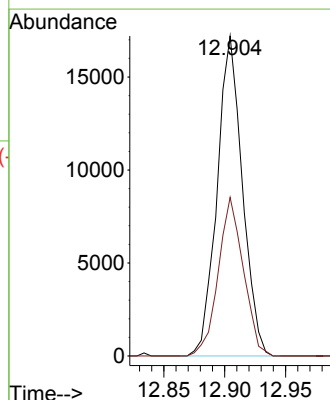
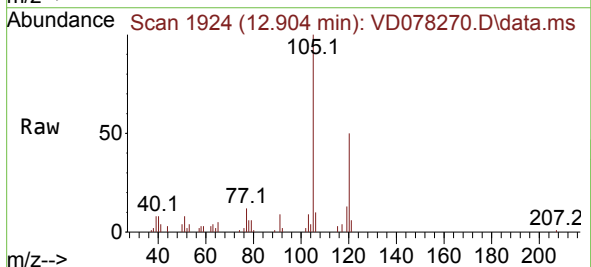
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

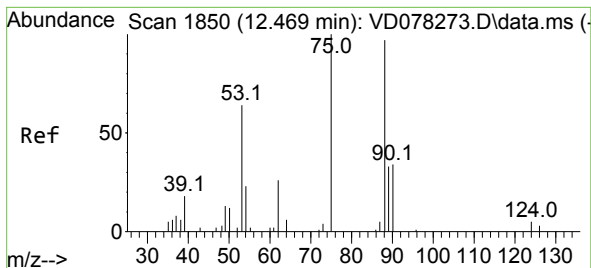
Tgt Ion: 91 Resp: 22514
Ion Ratio Lower Upper
91 100
126 34.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 4.362 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 105 Resp: 24852
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2

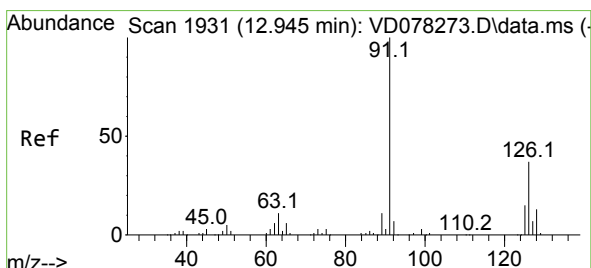
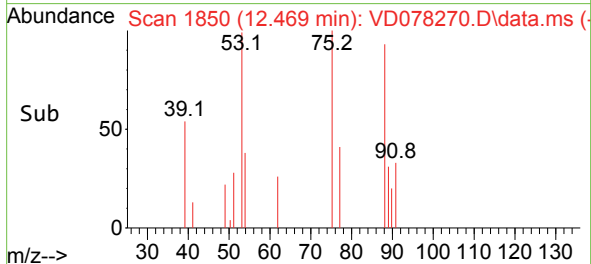
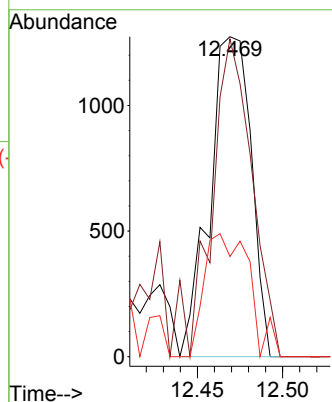
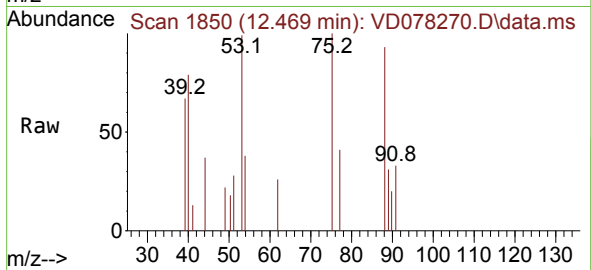




#81
trans-1,4-Dichloro-2-butene
Concen: 4.980 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

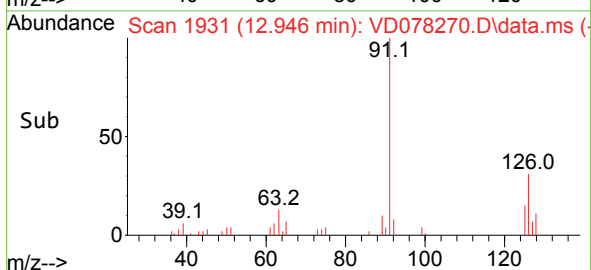
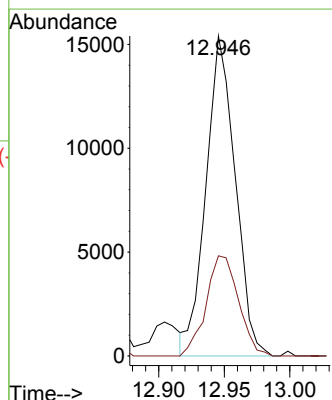
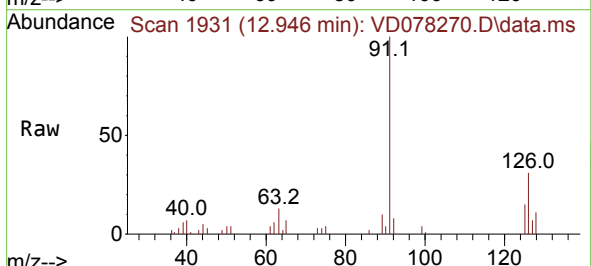
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

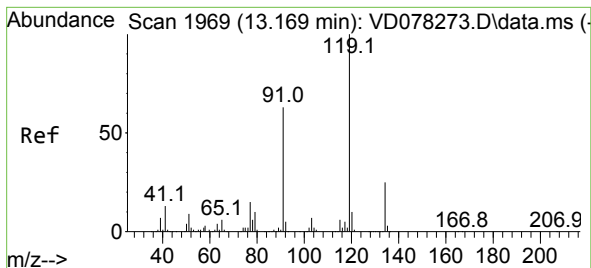
Tgt Ion: 75 Resp: 2166
Ion Ratio Lower Upper
75 100
53 92.8 63.0 94.4
89 41.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 4.801 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion: 91 Resp: 23900
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.383 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

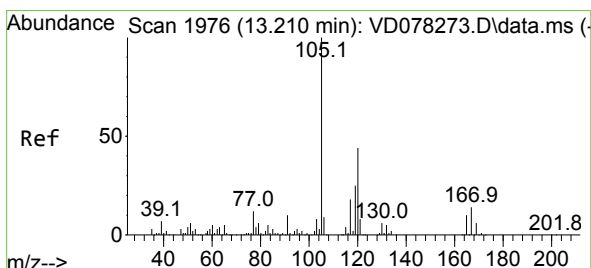
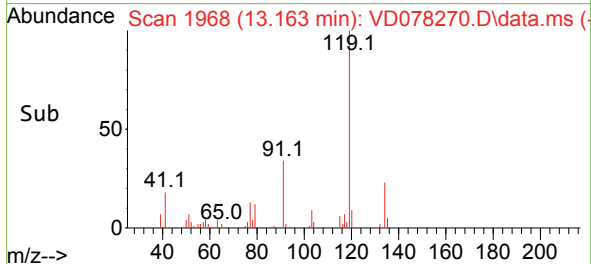
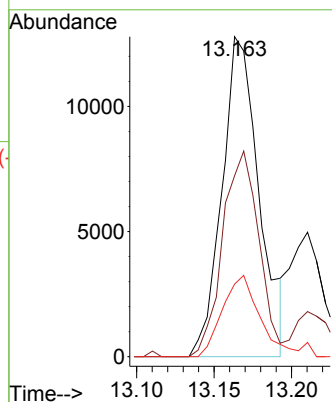
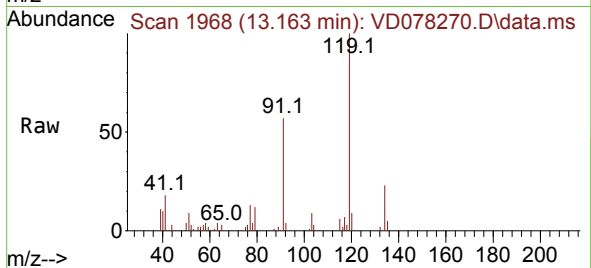
Tgt Ion:119 Resp: 21308

Ion Ratio Lower Upper

119 100

91 62.7 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.470 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078270.D

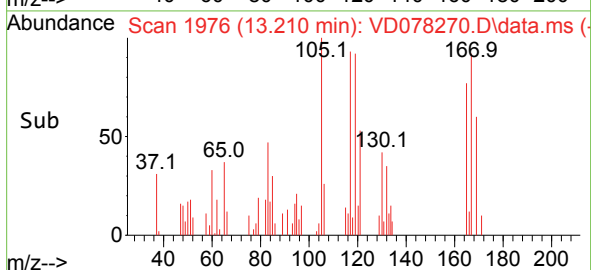
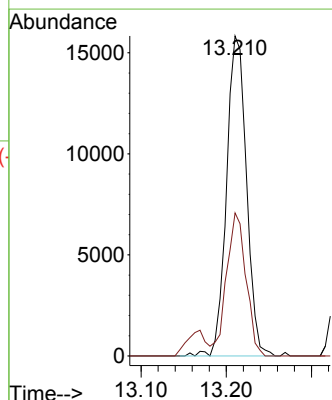
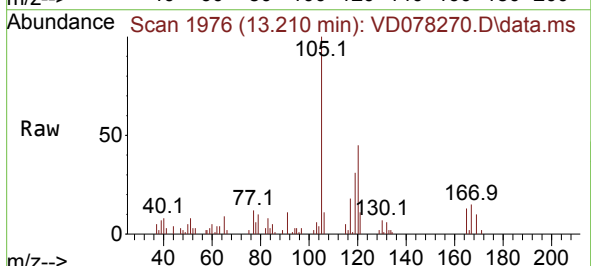
Acq: 30 Jan 2024 10:16

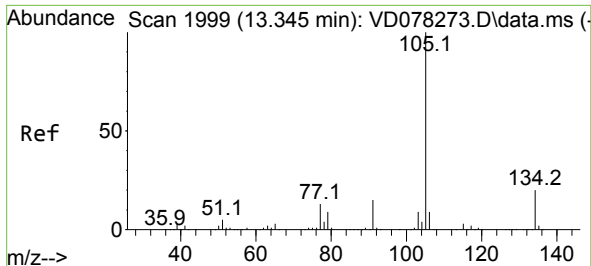
Tgt Ion:105 Resp: 25764

Ion Ratio Lower Upper

105 100

120 43.8 24.3 72.9

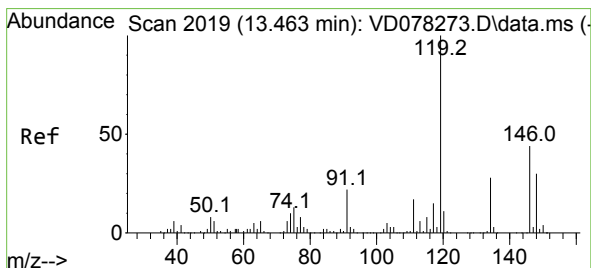
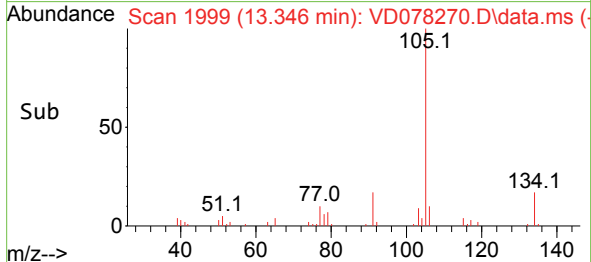
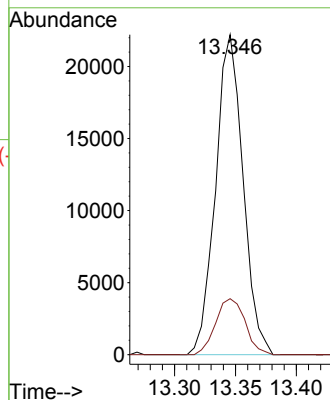
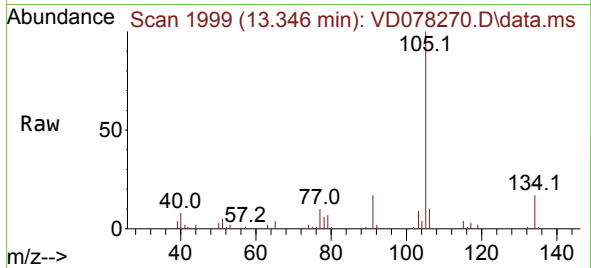




#85
 sec-Butylbenzene
 Concen: 4.571 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078270.D
 Acq: 30 Jan 2024 10:16

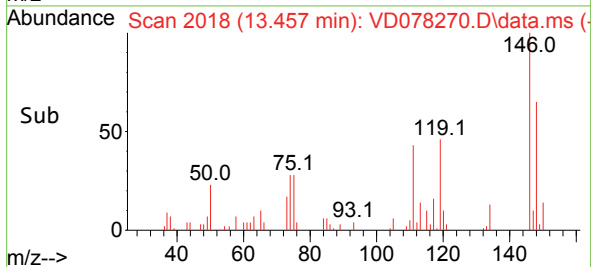
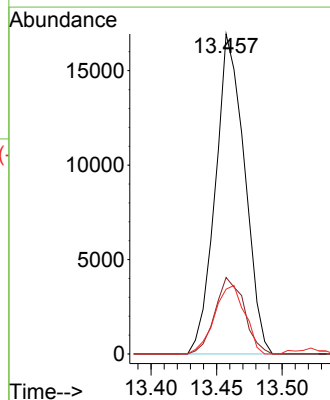
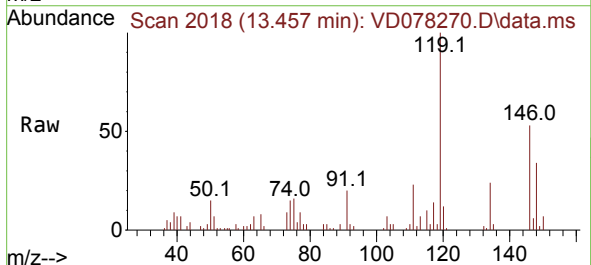
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

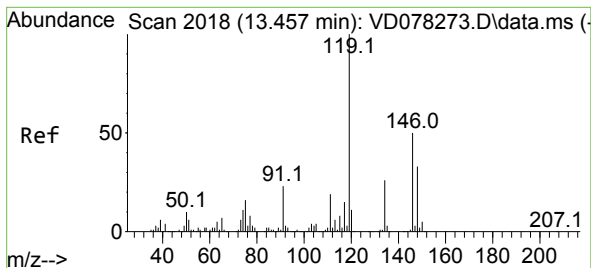
Tgt Ion:105 Resp: 34873
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 4.191 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078270.D
 Acq: 30 Jan 2024 10:16

Tgt Ion:119 Resp: 26191
 Ion Ratio Lower Upper
 119 100
 134 24.0 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 4.534 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

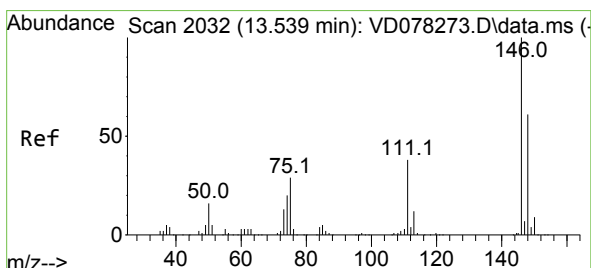
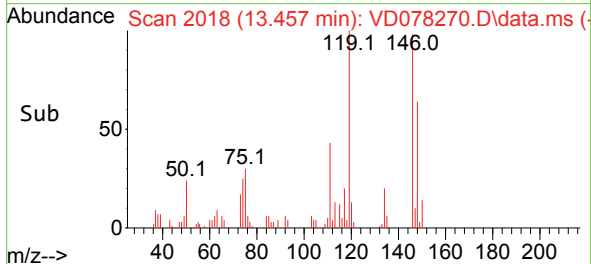
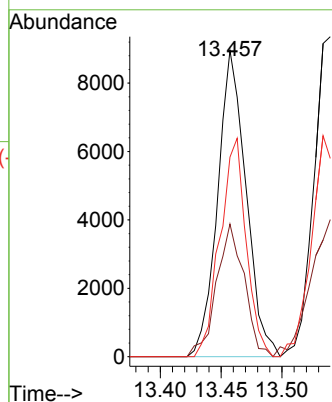
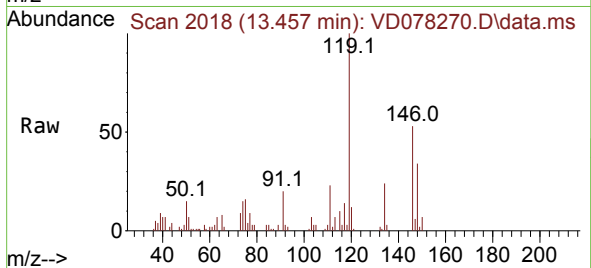
Tgt Ion:146 Resp: 14515

Ion Ratio Lower Upper

146 100

111 42.1 17.9 53.8

148 66.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 4.893 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

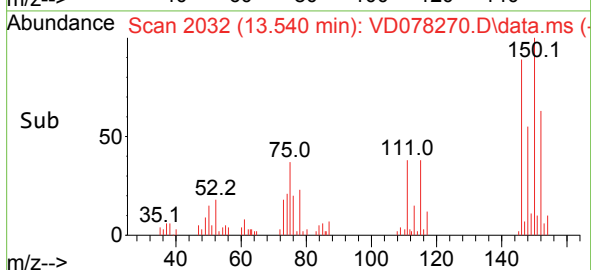
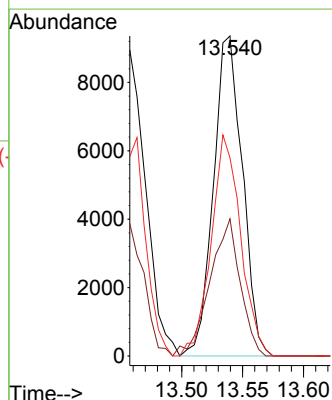
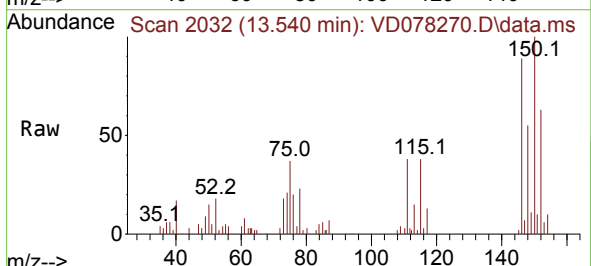
Tgt Ion:146 Resp: 15499

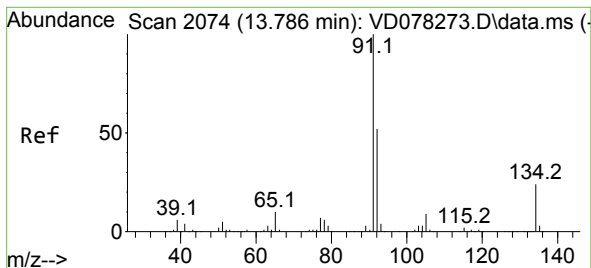
Ion Ratio Lower Upper

146 100

111 44.9 17.4 52.3

148 70.2 31.7 95.1





#89

n-Butylbenzene

Concen: 4.542 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

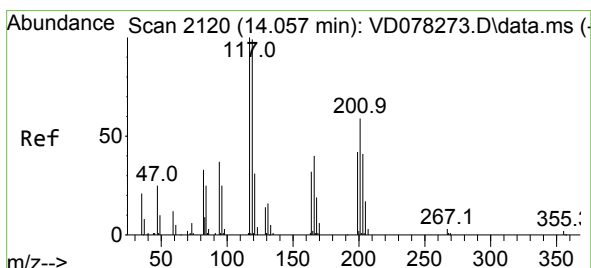
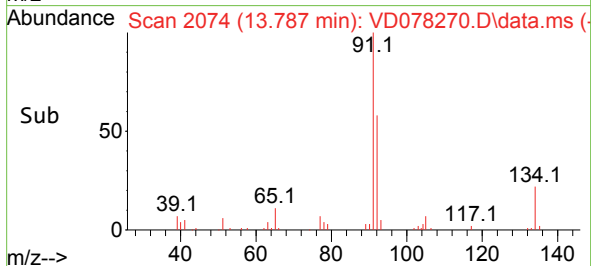
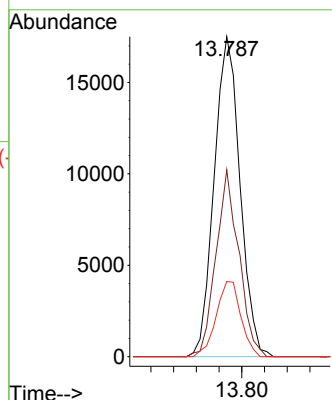
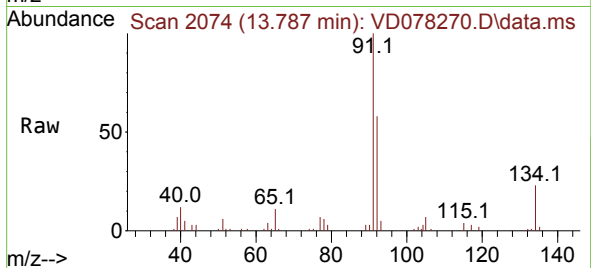
Tgt Ion: 91 Resp: 27657

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 22.5 13.8 41.3



#90

Hexachloroethane

Concen: 4.835 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078270.D

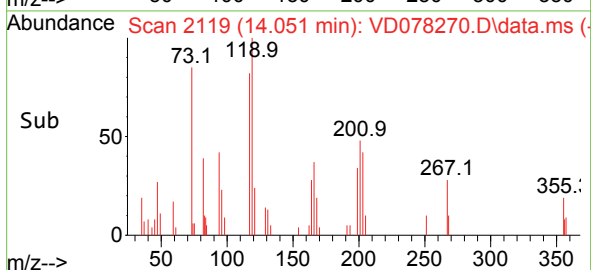
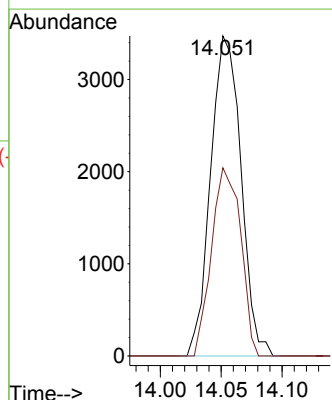
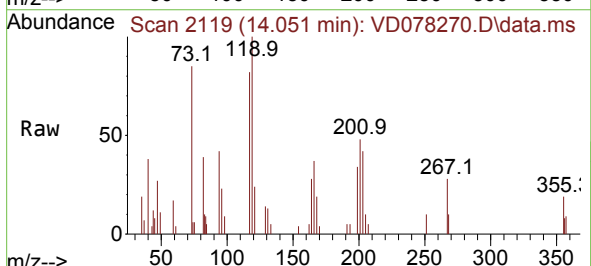
Acq: 30 Jan 2024 10:16

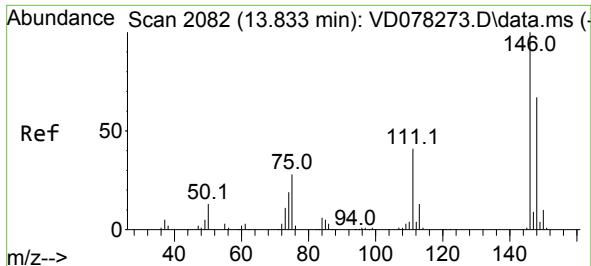
Tgt Ion: 117 Resp: 6035

Ion Ratio Lower Upper

117 100

201 56.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 4.968 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

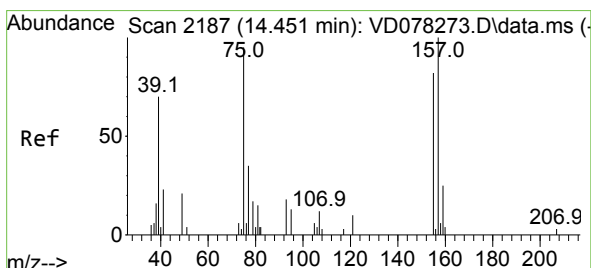
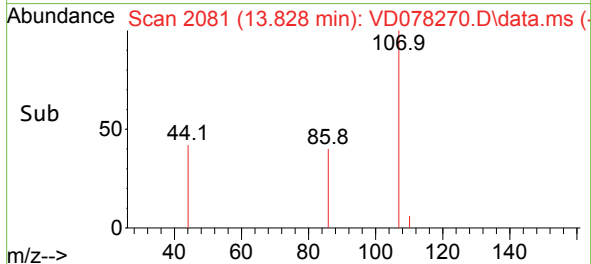
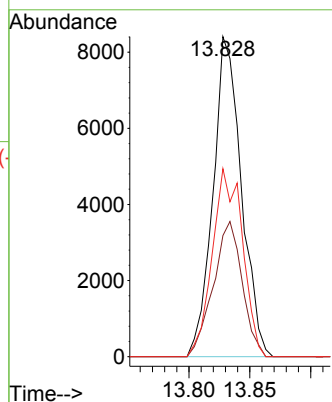
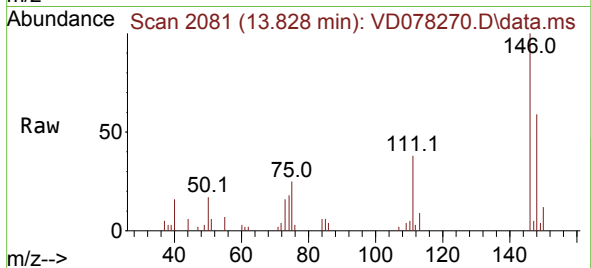
Tgt Ion:146 Resp: 13606

Ion Ratio Lower Upper

146 100

111 43.2 18.3 54.8

148 62.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.607 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

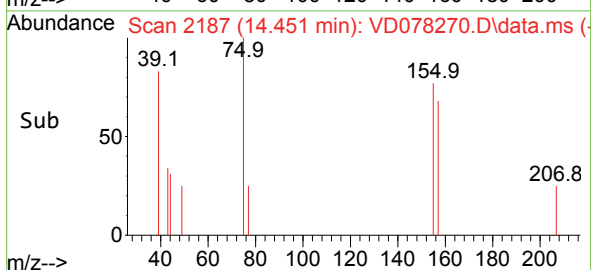
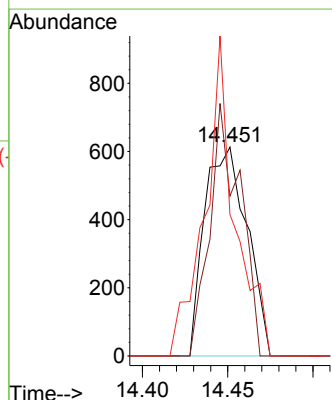
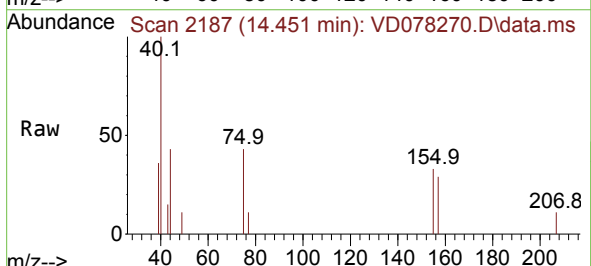
Tgt Ion: 75 Resp: 1063

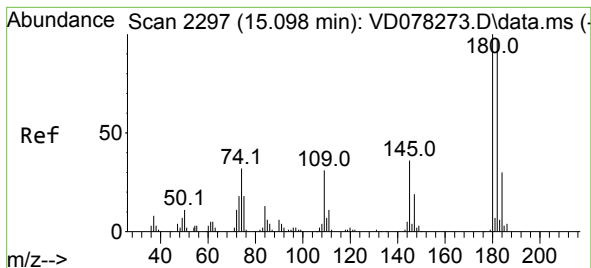
Ion Ratio Lower Upper

75 100

155 86.5 47.9 143.8

157 107.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.610 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

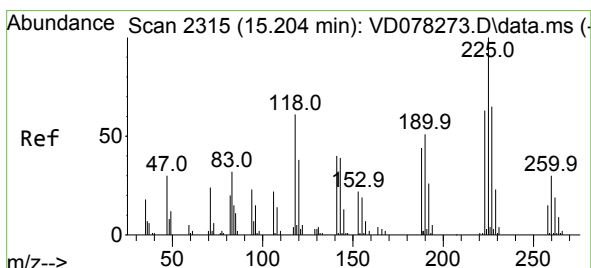
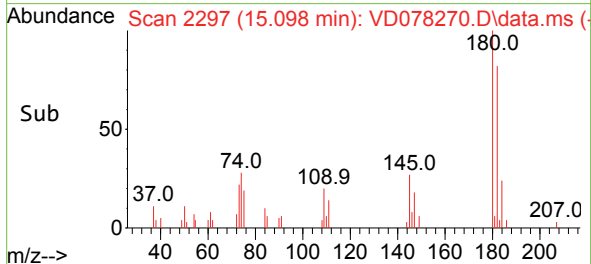
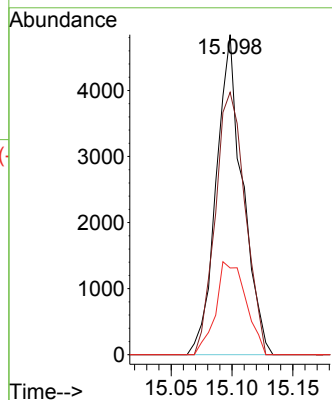
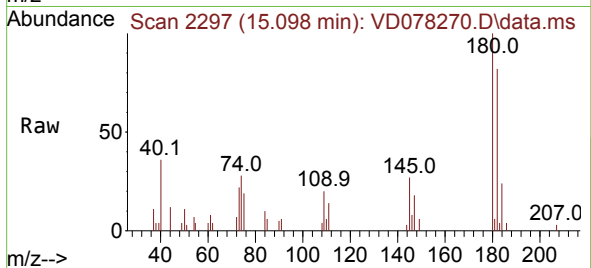
Tgt Ion:180 Resp: 7304

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 33.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.738 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078270.D

Acq: 30 Jan 2024 10:16

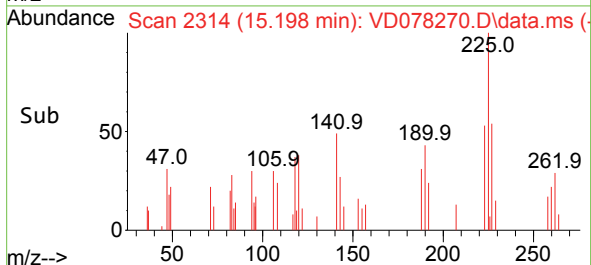
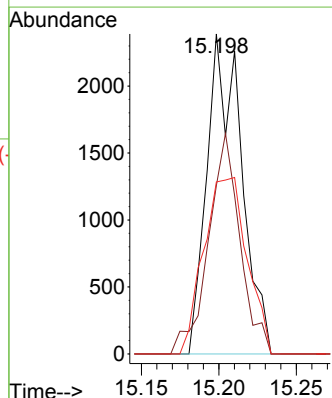
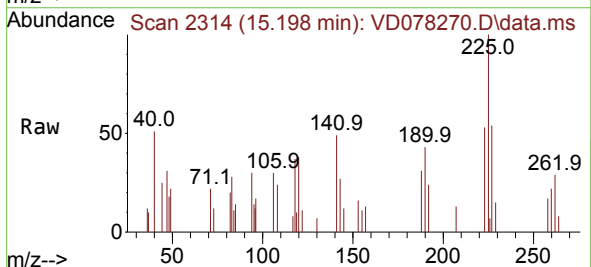
Tgt Ion:225 Resp: 3678

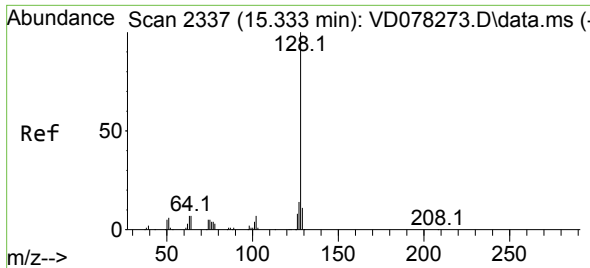
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.8

227 69.8 31.7 95.1

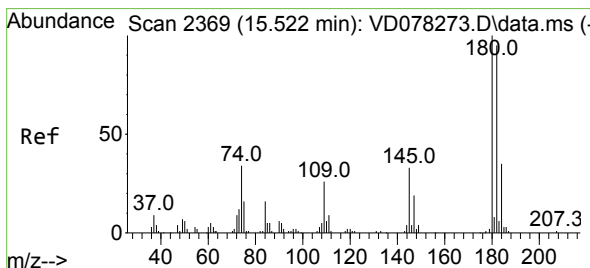
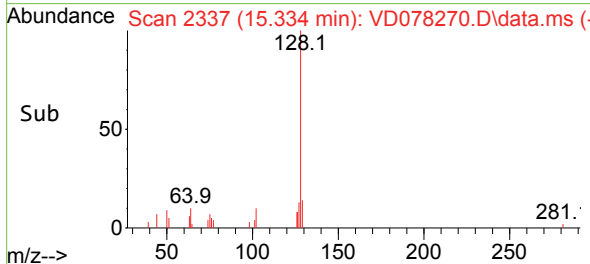
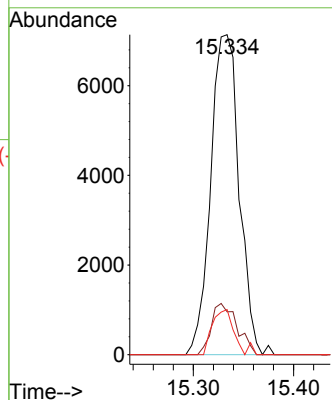
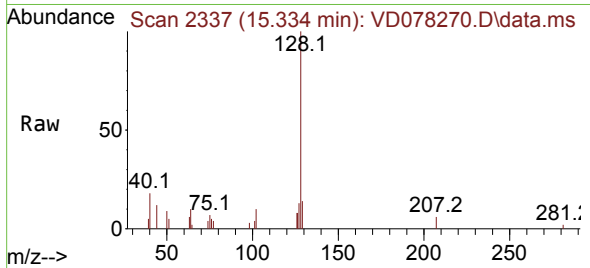




#95
Naphthalene
Concen: 4.465 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 14104
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 14.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 4.786 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078270.D
Acq: 30 Jan 2024 10:16

Tgt Ion:180 Resp: 6676
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 28.6 15.1 45.3

