

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078271.D
 Acq On : 30 Jan 2024 10:43
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 31 00:32:48 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	109077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	196207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	181437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13510	10.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.020%#
35) Dibromofluoromethane	7.810	113	14402	10.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.620%#
50) Toluene-d8	10.269	98	53386	10.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.180%#
62) 4-Bromofluorobenzene	12.575	95	16007	10.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.220%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	16059	10.839	ug/l	91
3) Chloromethane	2.152	50	25998	11.458	ug/l	93
4) Vinyl Chloride	2.287	62	33862	11.313	ug/l	98
5) Bromomethane	2.687	94	19775	10.913	ug/l	93
6) Chloroethane	2.840	64	23956	11.588	ug/l	90
7) Trichlorofluoromethane	3.175	101	29440	11.618	ug/l	98
8) Diethyl Ether	3.593	74	7551	10.073	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.969	101	17460	11.227	ug/l	91
10) Methyl Iodide	4.169	142	13567	9.590	ug/l #	90
11) Tert butyl alcohol	5.040	59	1920	22.292	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	16667	11.107	ug/l	95
13) Acrolein	3.805	56	5550	49.250	ug/l	98
14) Allyl chloride	4.564	41	20760	10.493	ug/l	89
15) Acrylonitrile	5.269	53	16618	50.153	ug/l	98
16) Acetone	4.028	43	19780	50.758	ug/l #	83
17) Carbon Disulfide	4.275	76	58756	11.598	ug/l	100
18) Methyl Acetate	4.569	43	6738	9.362	ug/l #	42
19) Methyl tert-butyl Ether	5.322	73	30238	9.689	ug/l #	87
20) Methylene Chloride	4.805	84	21934	11.206	ug/l #	89
21) trans-1,2-Dichloroethene	5.322	96	18070	10.650	ug/l	89
22) Diisopropyl ether	6.216	45	44289	10.520	ug/l #	87
23) Vinyl Acetate	6.163	43	126941	49.424	ug/l	97
24) 1,1-Dichloroethane	6.116	63	32248	11.065	ug/l	99
25) 2-Butanone	7.081	43	22597	50.222	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	25424	10.680	ug/l	75
27) cis-1,2-Dichloroethene	7.087	96	20548	10.927	ug/l	94
28) Bromochloromethane	7.428	49	9529	9.167	ug/l #	80
29) Tetrahydrofuran	7.452	42	11821	49.110	ug/l	90
30) Chloroform	7.599	83	32288	10.836	ug/l	85
31) Cyclohexane	7.887	56	27591	10.910	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	28012	10.908	ug/l	96
36) 1,1-Dichloropropene	8.010	75	24798	10.706	ug/l	96
37) Ethyl Acetate	7.175	43	8814	9.887	ug/l #	83
38) Carbon Tetrachloride	7.993	117	25677	11.274	ug/l #	92
39) Methylcyclohexane	9.275	83	29181	10.655	ug/l	99
40) Benzene	8.252	78	73953	10.942	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078271.D
 Acq On : 30 Jan 2024 10:43
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 31 00:32:48 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	7.410	41	1893	3.950	ug/l #	1
42) 1,2-Dichloroethane	8.334	62	18442	10.521	ug/l	98
43) Isopropyl Acetate	8.363	43	15474	9.681	ug/l	95
44) Trichloroethene	9.034	130	17591	10.600	ug/l	85
45) 1,2-Dichloropropane	9.310	63	17413	10.538	ug/l #	88
46) Dibromomethane	9.404	93	9648	10.523	ug/l #	82
47) Bromodichloromethane	9.587	83	23329	10.342	ug/l	89
48) Methyl methacrylate	9.381	41	7012	9.180	ug/l	84
49) 1,4-Dioxane	9.381	88	2189	212.836	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	41282	47.741	ug/l	91
52) Toluene	10.334	92	42823	10.446	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	21137	10.032	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	25115	10.068	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	12046	10.068	ug/l	92
56) Ethyl methacrylate	10.599	69	12283	9.051	ug/l #	76
57) 1,3-Dichloropropane	10.881	76	21440	10.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	25293	40.984	ug/l	94
59) 2-Hexanone	10.922	43	31461	48.309	ug/l	86
60) Dibromochloromethane	11.075	129	14149	10.187	ug/l	93
61) 1,2-Dibromoethane	11.181	107	11362	10.058	ug/l	99
64) Tetrachloroethene	10.816	164	13227	10.452	ug/l	93
65) Chlorobenzene	11.604	112	43605	10.046	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	15521	10.043	ug/l	99
67) Ethyl Benzene	11.681	91	78575	9.993	ug/l	100
68) m/p-Xylenes	11.793	106	59140	19.550	ug/l	85
69) o-Xylene	12.122	106	27505	9.894	ug/l	86
70) Styrene	12.134	104	47466	9.998	ug/l	96
71) Bromoform	12.298	173	7662	10.066	ug/l #	100
73) Isopropylbenzene	12.422	105	72880	10.552	ug/l	94
74) N-amyl acetate	12.240	43	14227	9.960	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	14850	11.134	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	17351	20.336	ug/l #	100
77) Bromobenzene	12.698	156	16299	10.724	ug/l	86
78) n-propylbenzene	12.763	91	89850	10.443	ug/l	93
79) 2-Chlorotoluene	12.851	91	48984	10.636	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	58336	10.382	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	4391	10.235	ug/l #	87
82) 4-Chlorotoluene	12.945	91	53536	10.903	ug/l	93
83) tert-Butylbenzene	13.163	119	49024	10.225	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	56467	9.933	ug/l	98
85) sec-Butylbenzene	13.345	105	79381	10.550	ug/l	97
86) p-Isopropyltoluene	13.457	119	62661	10.167	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	33263	10.534	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	33683	10.782	ug/l	92
89) n-Butylbenzene	13.787	91	62262	10.368	ug/l	96
90) Hexachloroethane	14.057	117	13244	10.759	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	28924	10.707	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1771	9.472	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	15880	10.163	ug/l	92
94) Hexachlorobutadiene	15.204	225	8287	10.824	ug/l	98
95) Naphthalene	15.334	128	28486	9.144	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.528	180	13546	9.846	ug/l	95

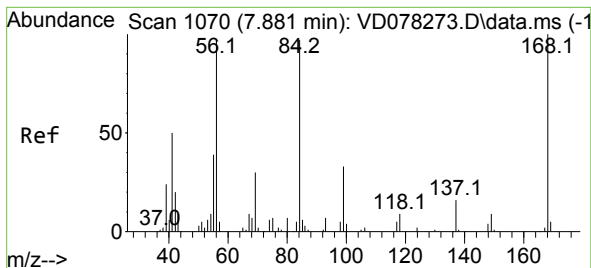
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
Data File : VD078271.D
Acq On : 30 Jan 2024 10:43
Operator : RP/MD
Sample : VSTDICC010
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Quant Time: Jan 31 00:32:48 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)
----------	------	------	----------	------	-------	----------

(#) = 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: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

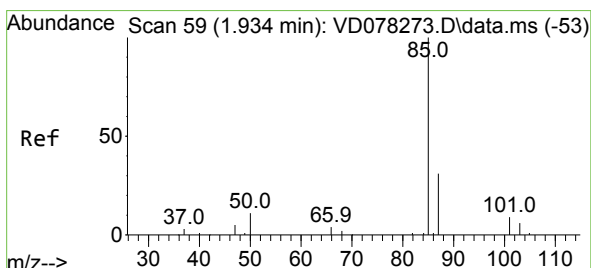
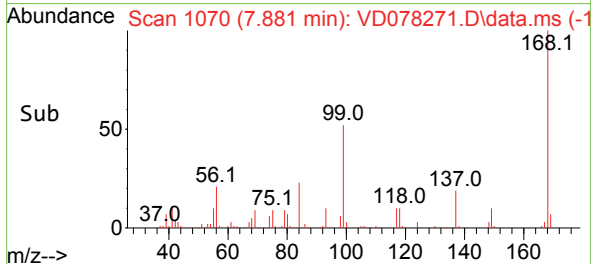
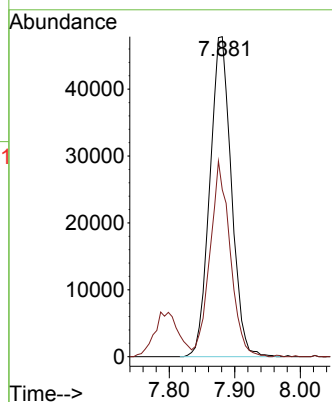
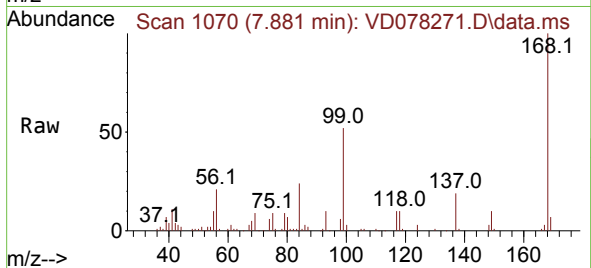
VSTDIC010

Tgt Ion:168 Resp: 109077

Ion Ratio Lower Upper

168 100

99 51.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 10.839 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078271.D

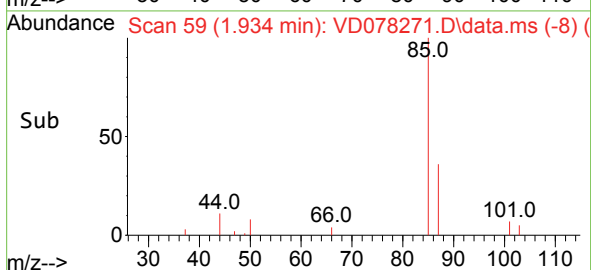
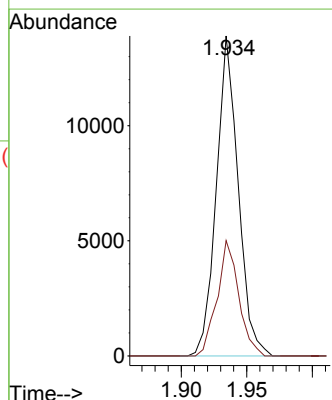
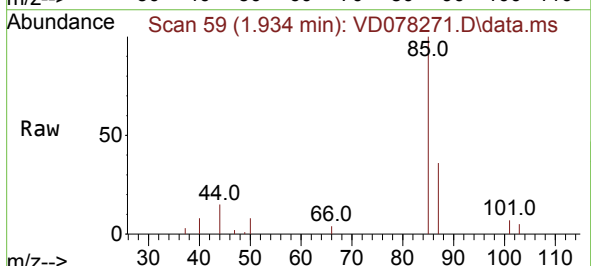
Acq: 30 Jan 2024 10:43

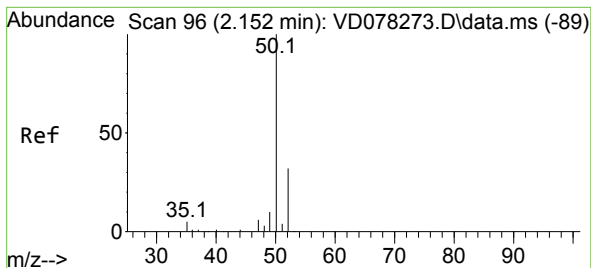
Tgt Ion: 85 Resp: 16059

Ion Ratio Lower Upper

85 100

87 36.0 15.7 47.0





#3

Chloromethane

Concen: 11.458 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

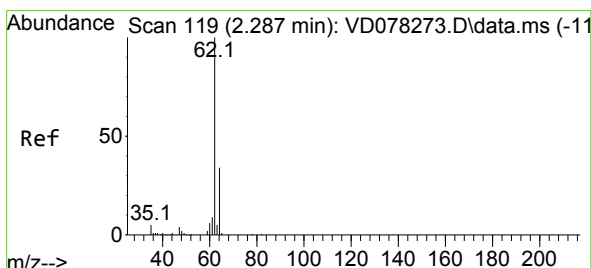
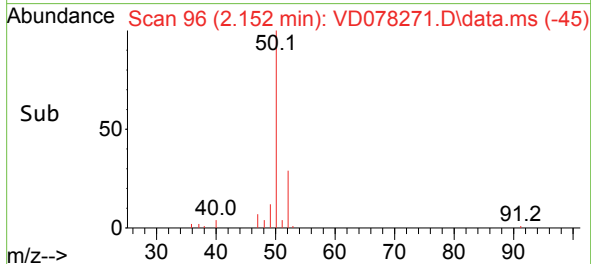
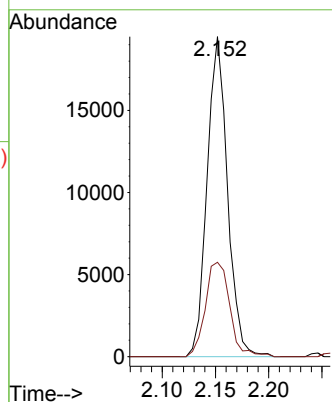
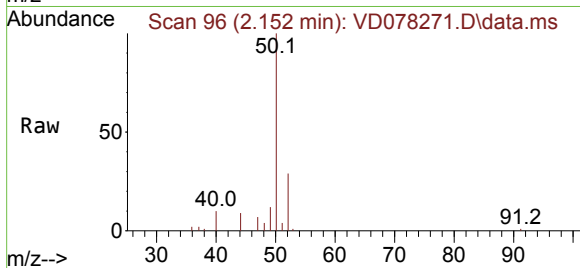
VSTDIC010

Tgt Ion: 50 Resp: 25998

Ion Ratio Lower Upper

50 100

52 29.5 26.6 40.0



#4

Vinyl Chloride

Concen: 11.313 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078271.D

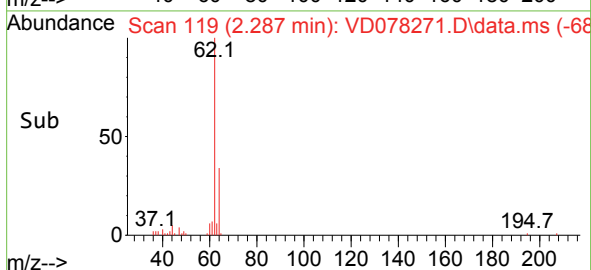
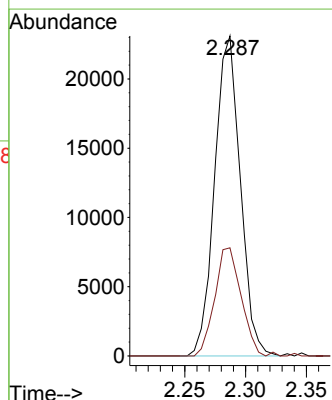
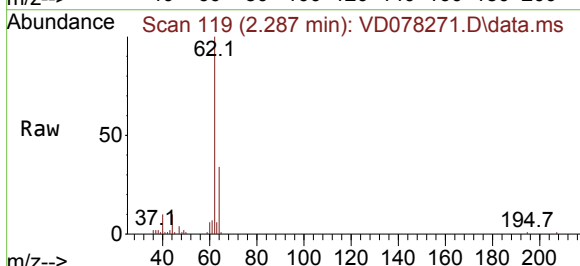
Acq: 30 Jan 2024 10:43

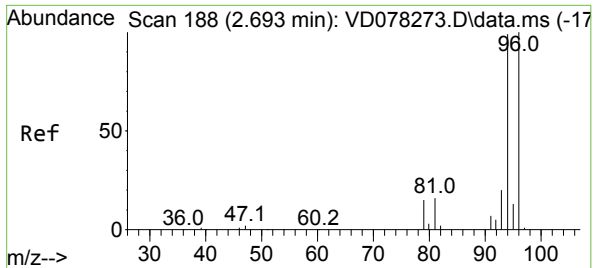
Tgt Ion: 62 Resp: 33862

Ion Ratio Lower Upper

62 100

64 33.8 26.0 39.0

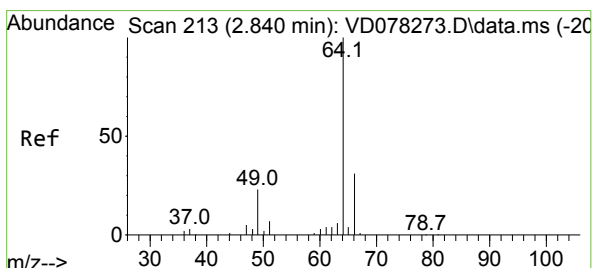
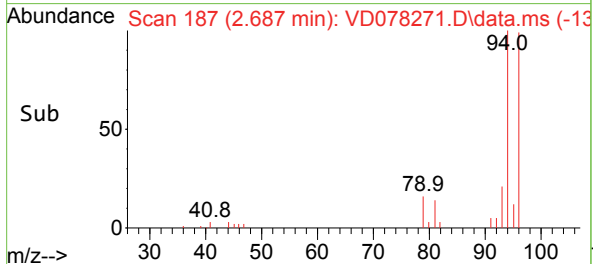
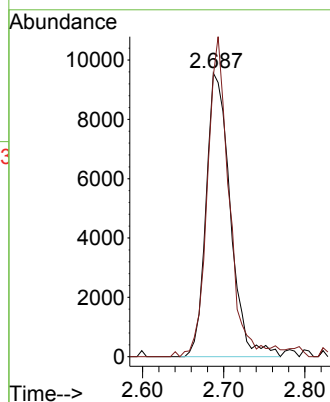
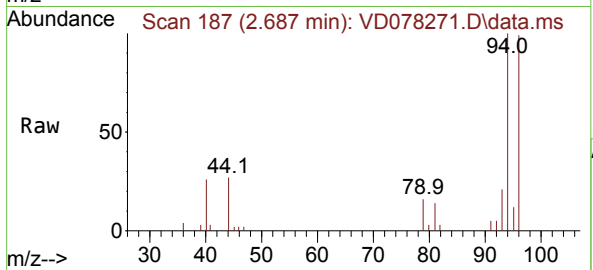




#5
Bromomethane
Concen: 10.913 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

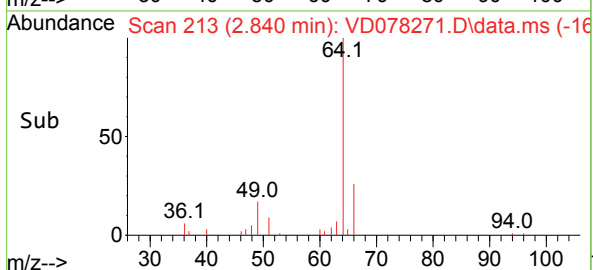
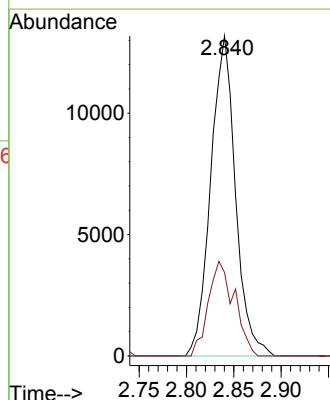
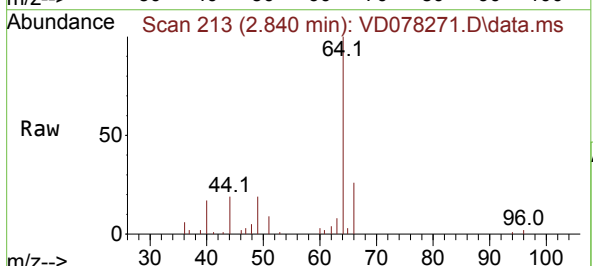
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

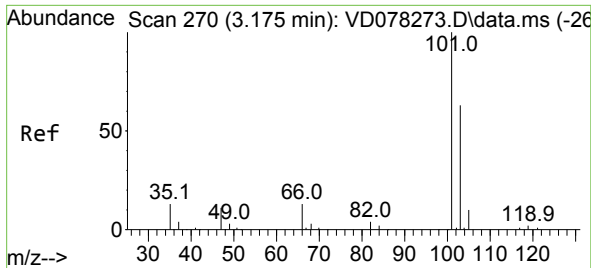
Tgt Ion: 94 Resp: 19775
Ion Ratio Lower Upper
94 100
96 101.2 75.8 113.8



#6
Chloroethane
Concen: 11.588 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 64 Resp: 23956
Ion Ratio Lower Upper
64 100
66 26.1 25.5 38.3

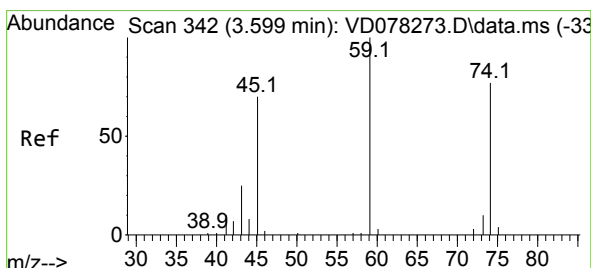
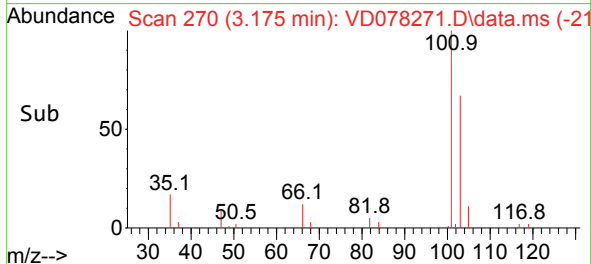
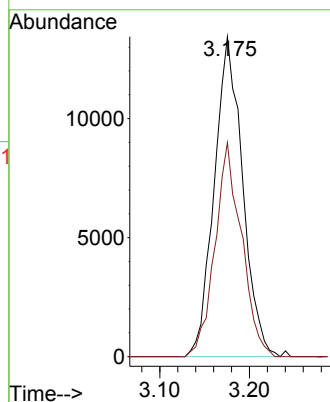
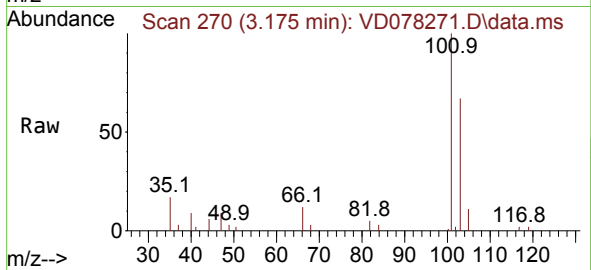




#7
Trichlorofluoromethane
Concen: 11.618 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

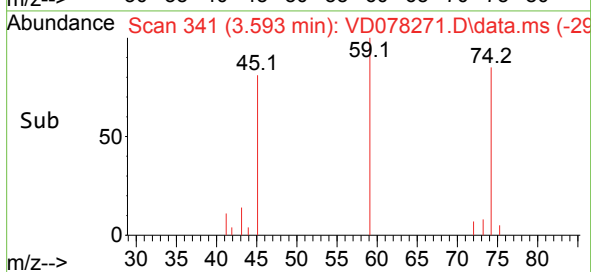
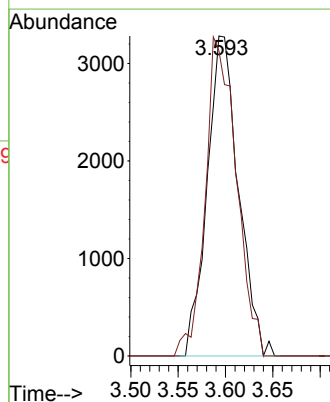
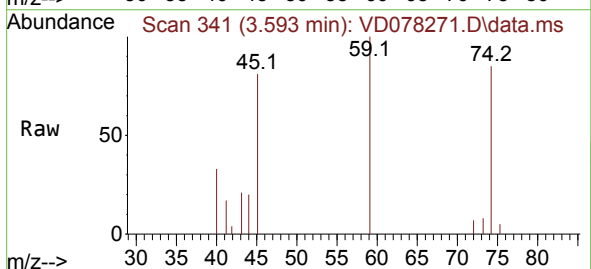
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

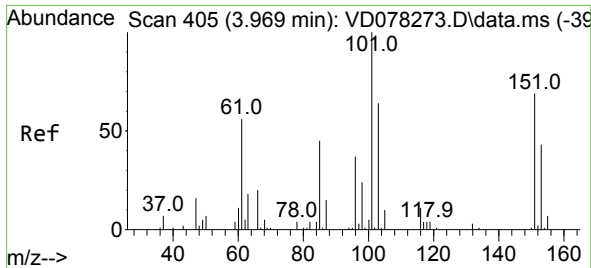
Tgt Ion:101 Resp: 29440
Ion Ratio Lower Upper
101 100
103 66.9 52.3 78.5



#8
Diethyl Ether
Concen: 10.073 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 74 Resp: 7551
Ion Ratio Lower Upper
74 100
45 98.7 37.5 112.7

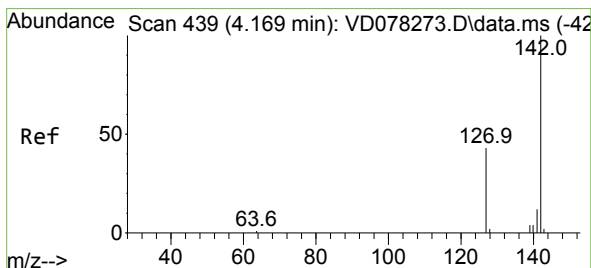
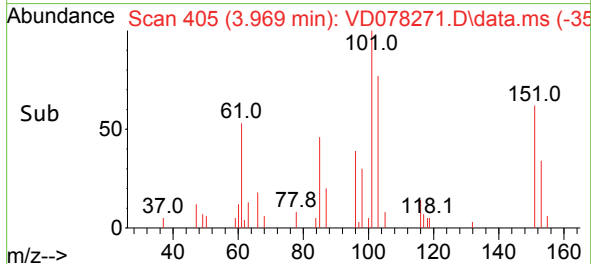
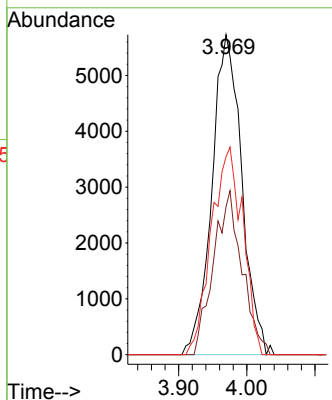
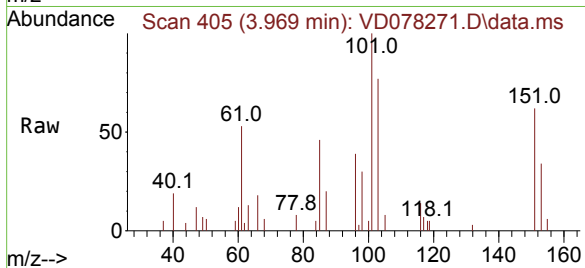




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.227 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

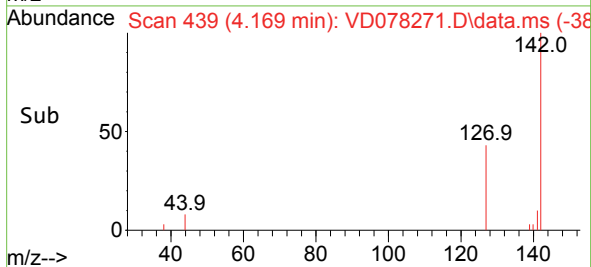
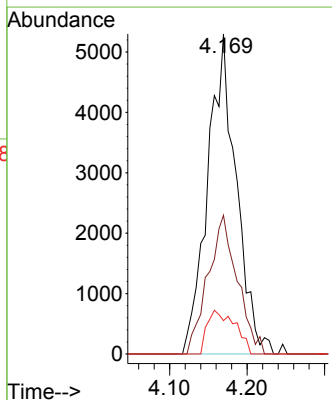
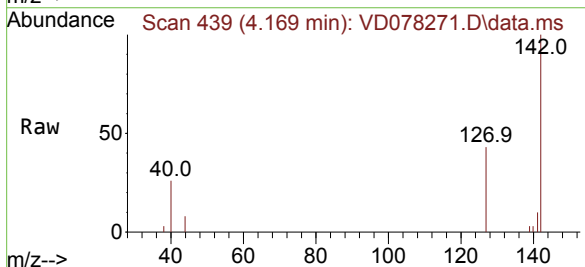
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

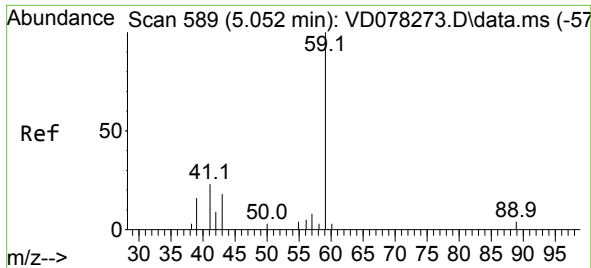
Tgt Ion:101 Resp: 17460
Ion Ratio Lower Upper
101 100
85 49.2 33.8 50.6
151 68.2 59.8 89.6



#10
Methyl Iodide
Concen: 9.590 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:142 Resp: 13567
Ion Ratio Lower Upper
142 100
127 44.6 29.4 44.0#
141 13.3 11.1 16.7

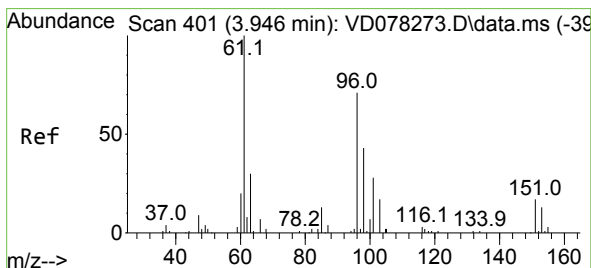
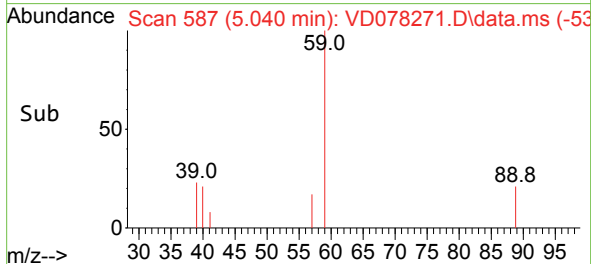
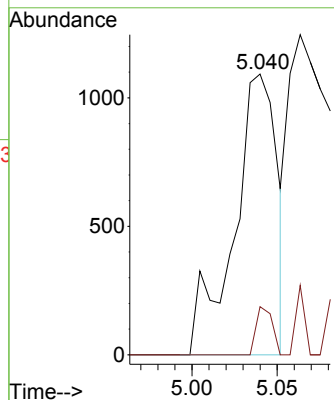
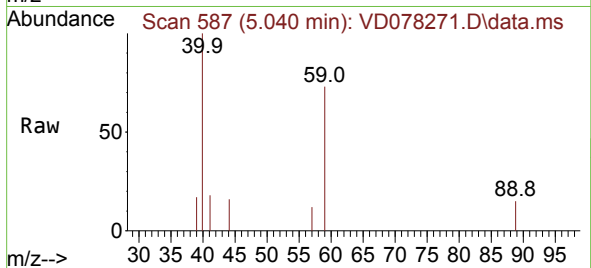




#11
Tert butyl alcohol
Concen: 22.292 ug/l
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

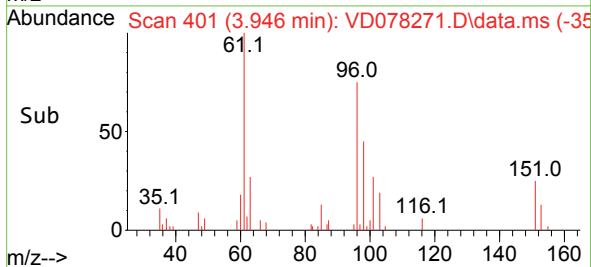
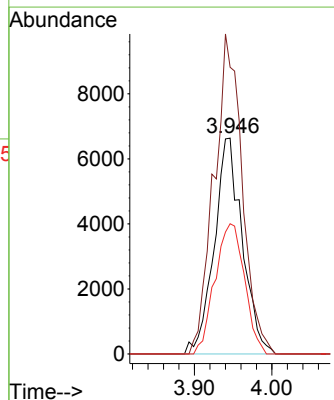
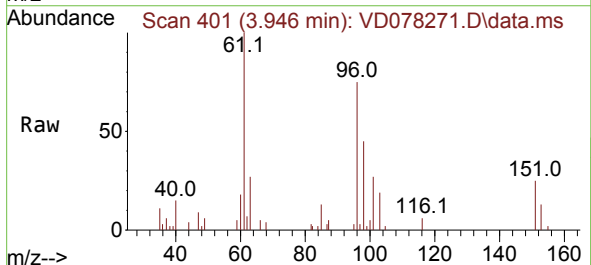
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

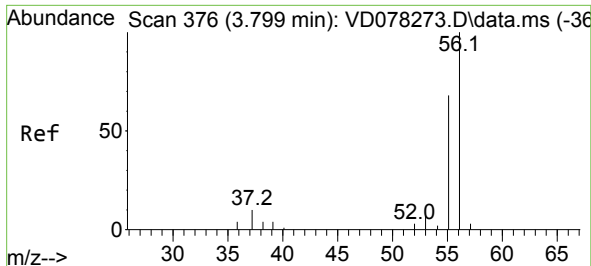
Tgt Ion: 59 Resp: 1920
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 11.107 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 96 Resp: 16667
Ion Ratio Lower Upper
96 100
61 132.9 100.6 150.8
98 60.3 50.2 75.2





#13

Acrolein

Concen: 49.250 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

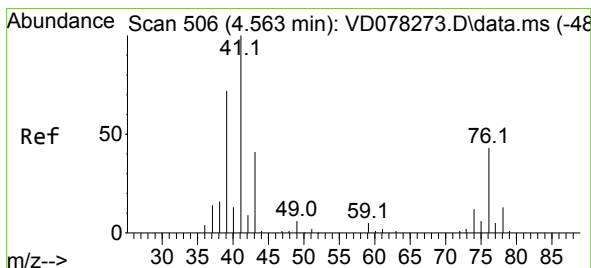
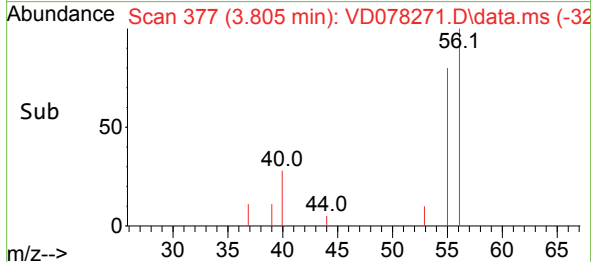
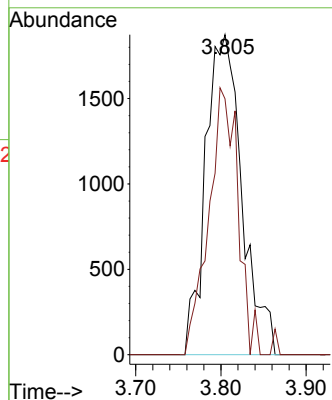
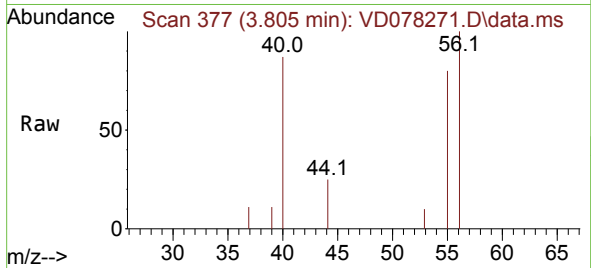
VSTDIC010

Tgt Ion: 56 Resp: 5550

Ion Ratio Lower Upper

56 100

55 67.0 55.1 82.7



#14

Allyl chloride

Concen: 10.493 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

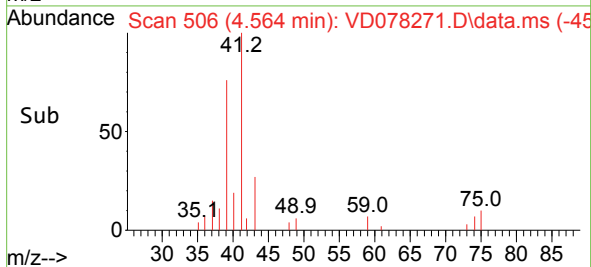
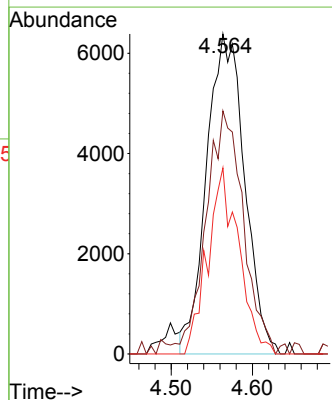
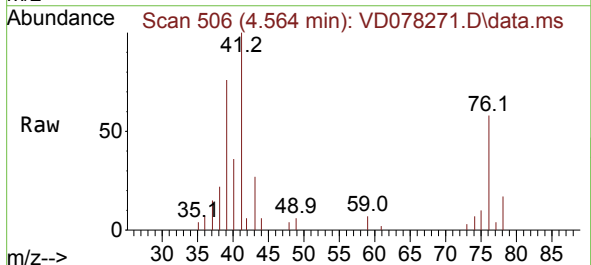
Tgt Ion: 41 Resp: 20760

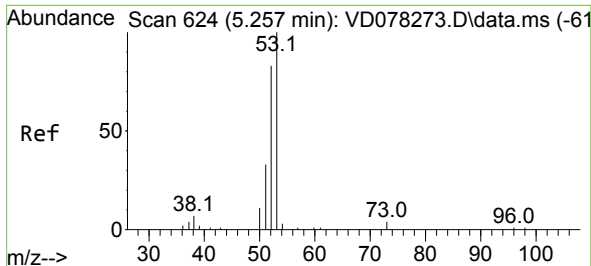
Ion Ratio Lower Upper

41 100

39 74.5 53.8 80.6

76 47.7 45.8 68.8

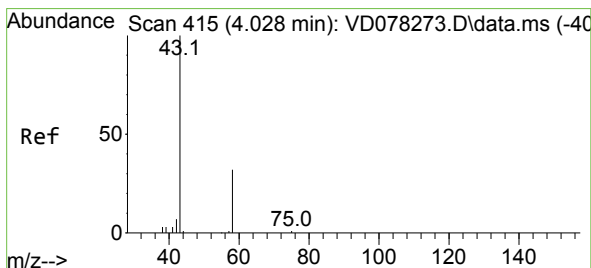
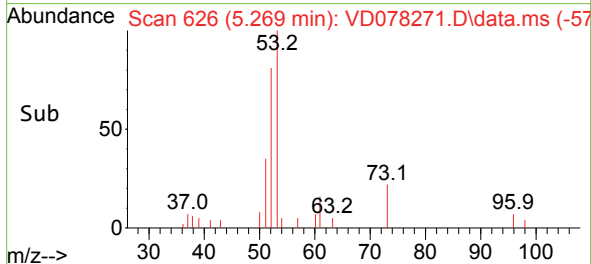
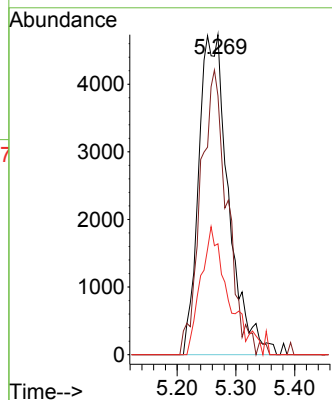
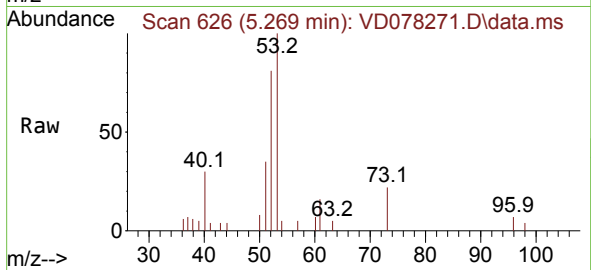




#15
Acrylonitrile
Concen: 50.153 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

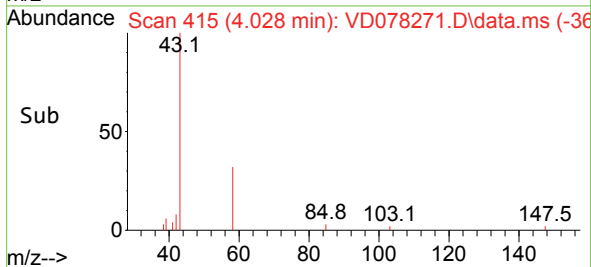
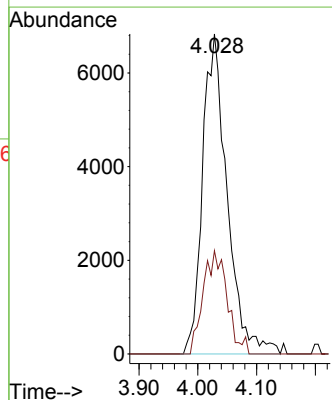
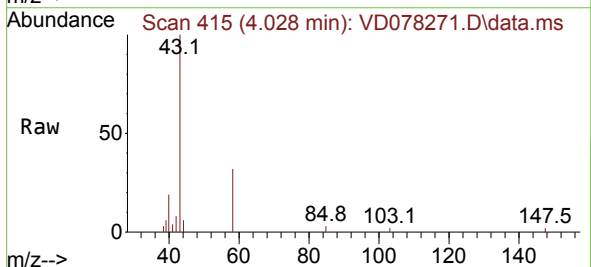
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

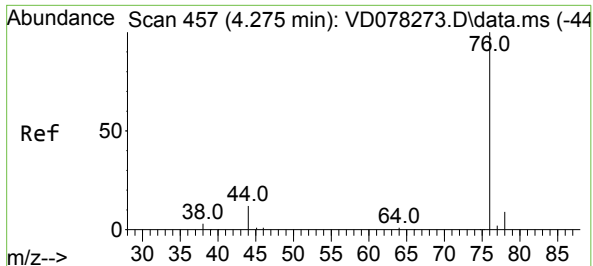
Tgt Ion: 53 Resp: 16618
Ion Ratio Lower Upper
53 100
52 79.3 65.0 97.4
51 35.5 28.3 42.5



#16
Acetone
Concen: 50.758 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 43 Resp: 19780
Ion Ratio Lower Upper
43 100
58 32.3 34.7 52.1#

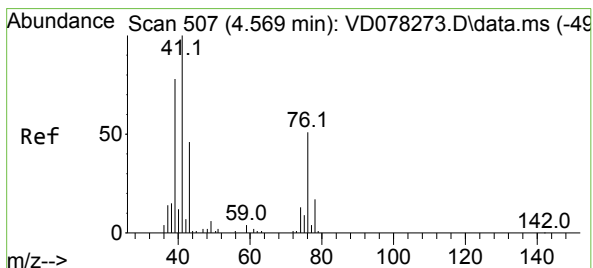
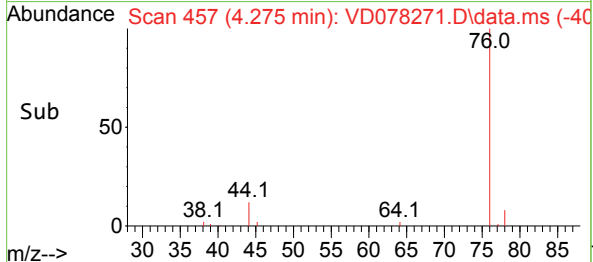
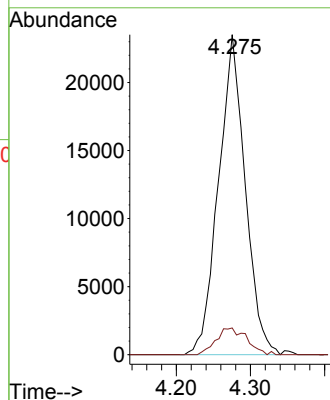
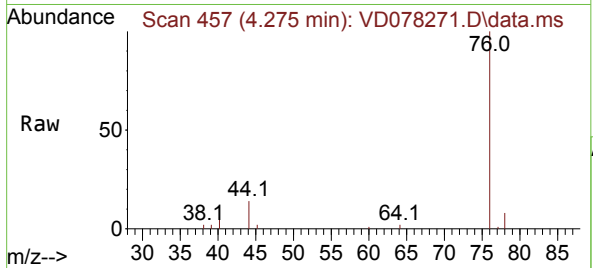




#17
Carbon Disulfide
Concen: 11.598 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

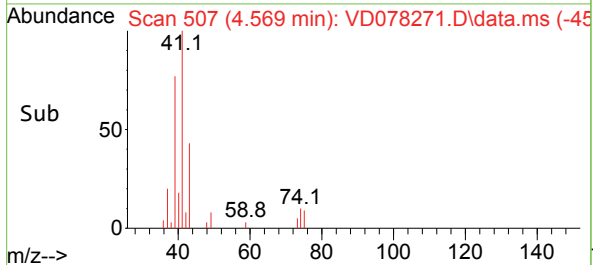
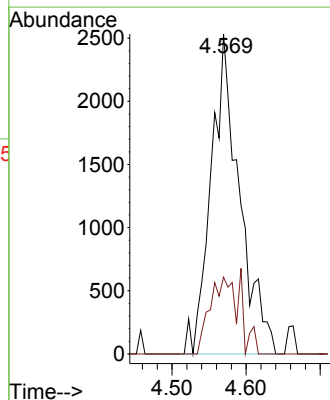
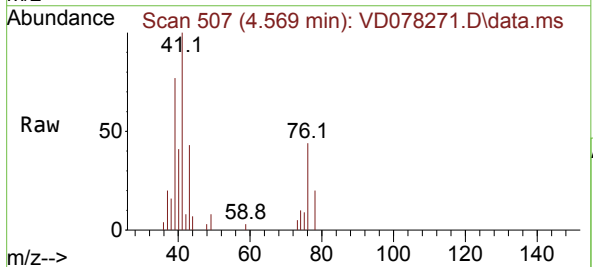
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

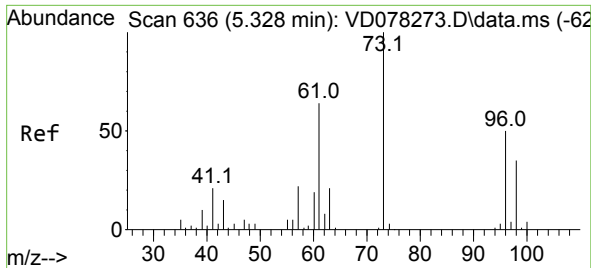
Tgt Ion: 76 Resp: 58756
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 9.362 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 43 Resp: 6738
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

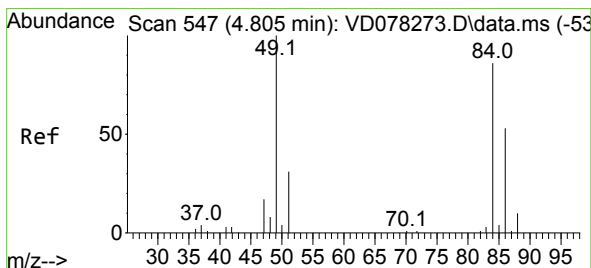
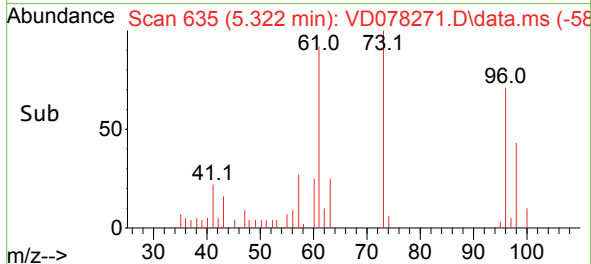
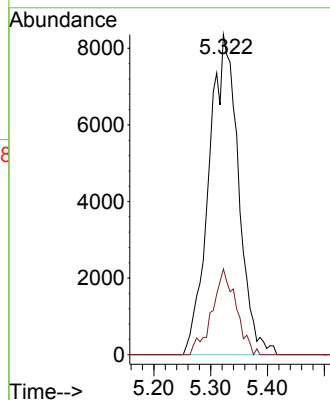
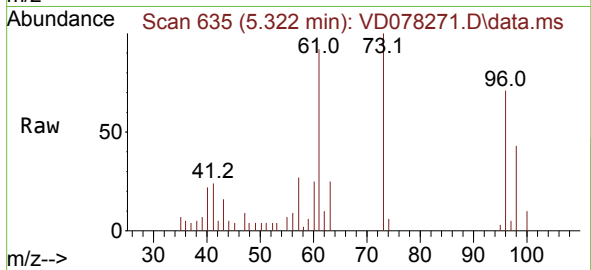




#19
Methyl tert-butyl Ether
Concen: 9.689 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

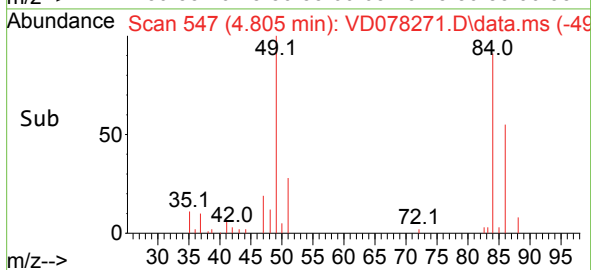
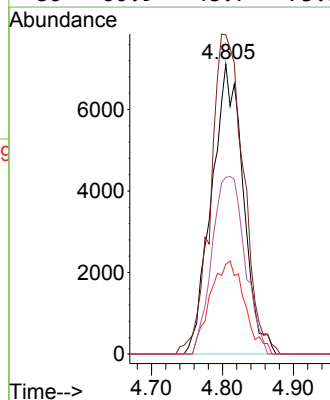
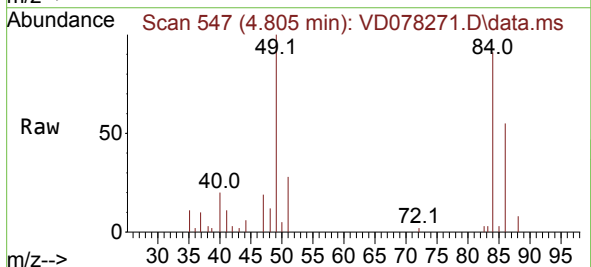
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

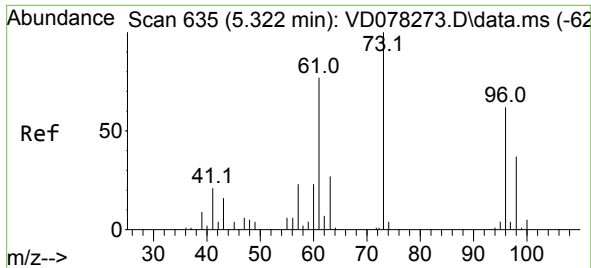
Tgt Ion: 73 Resp: 30238
Ion Ratio Lower Upper
73 100
57 26.8 16.6 25.0#



#20
Methylene Chloride
Concen: 11.206 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 84 Resp: 21934
Ion Ratio Lower Upper
84 100
49 110.1 71.4 107.2#
51 30.9 24.5 36.7
86 60.9 48.7 73.1

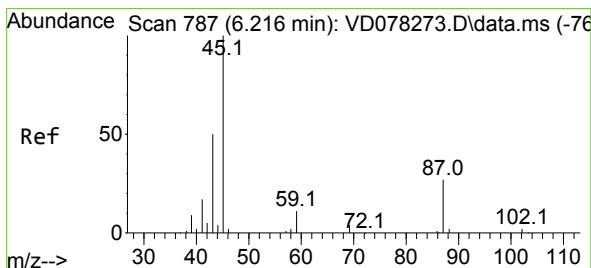
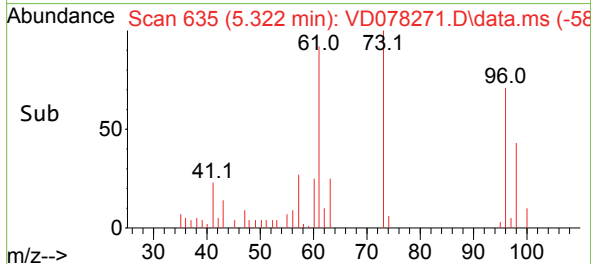
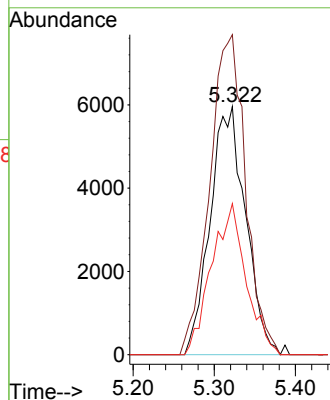
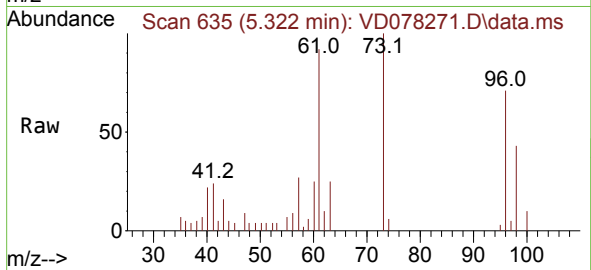




#21
trans-1,2-Dichloroethene
Concen: 10.650 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

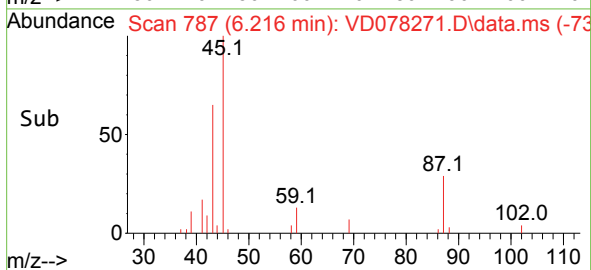
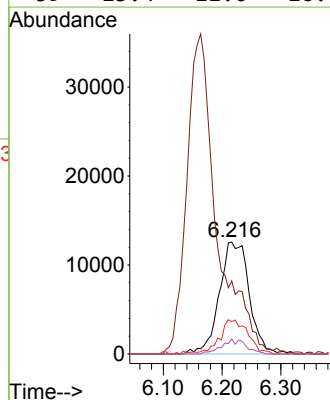
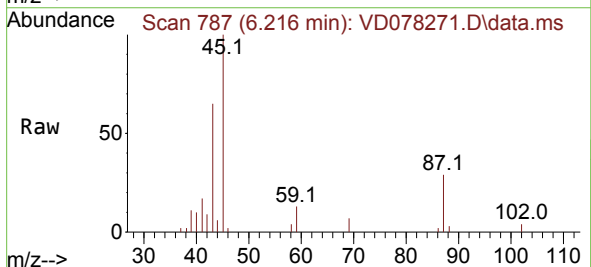
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

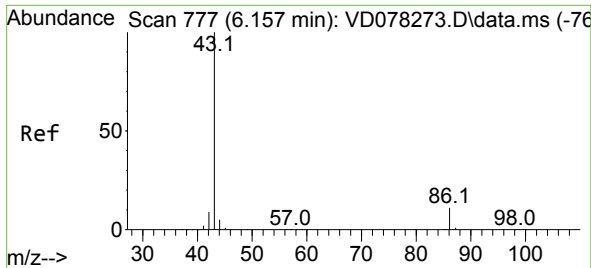
Tgt Ion: 96 Resp: 18070
Ion Ratio Lower Upper
96 100
61 128.9 89.3 133.9
98 60.9 48.6 73.0



#22
Diisopropyl ether
Concen: 10.520 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 45 Resp: 44289
Ion Ratio Lower Upper
45 100
43 62.5 40.0 60.0#
87 28.9 28.2 42.4
59 13.4 11.0 16.4

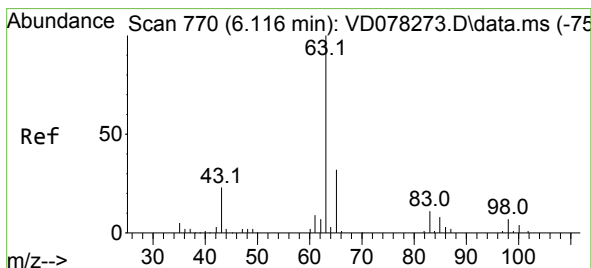
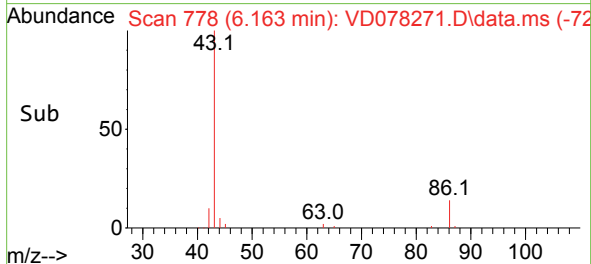
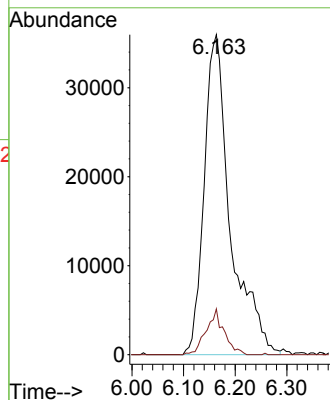
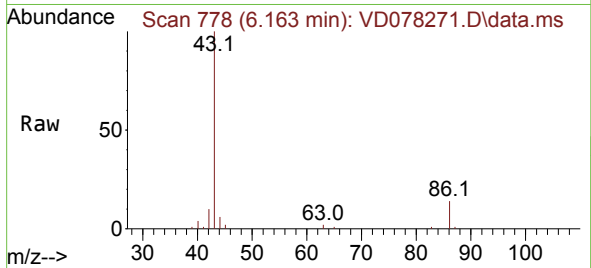




#23
 Vinyl Acetate
 Concen: 49.424 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078271.D
 Acq: 30 Jan 2024 10:43

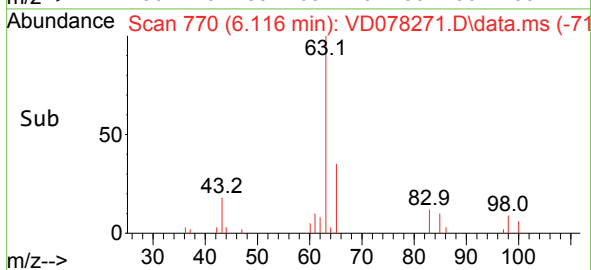
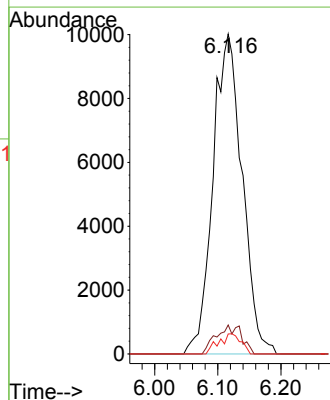
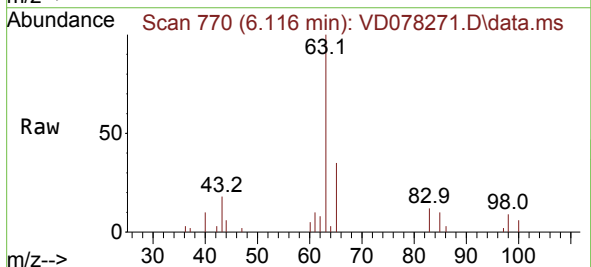
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

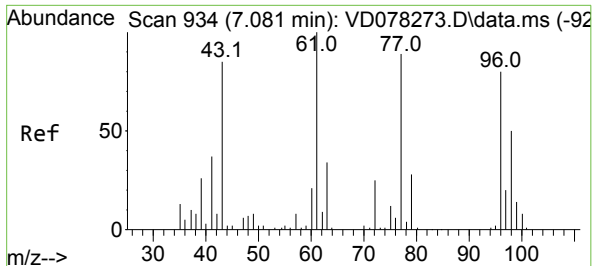
Tgt Ion: 43 Resp: 126941
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 11.065 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078271.D
 Acq: 30 Jan 2024 10:43

Tgt Ion: 63 Resp: 32248
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.5 13.7
 100 6.2 2.5 7.5





#25

2-Butanone

Concen: 50.222 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

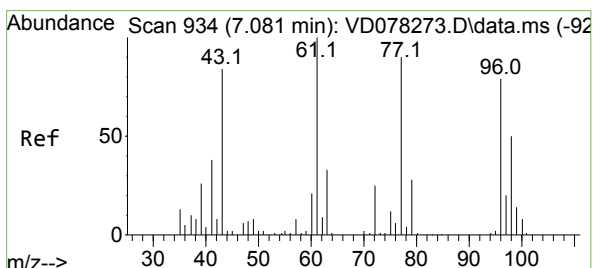
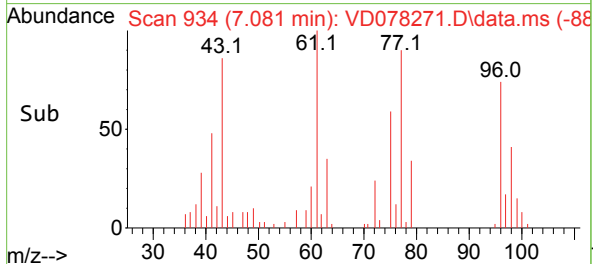
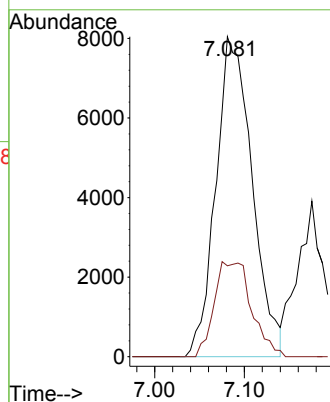
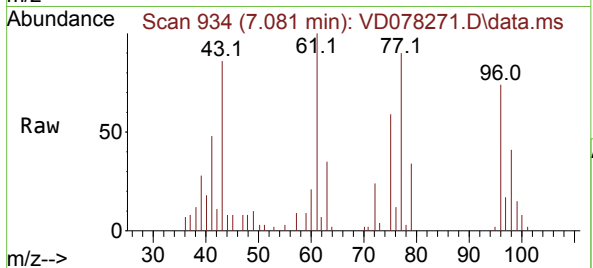
VSTDIC010

Tgt Ion: 43 Resp: 22597

Ion Ratio Lower Upper

43 100

72 28.4 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 10.680 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078271.D

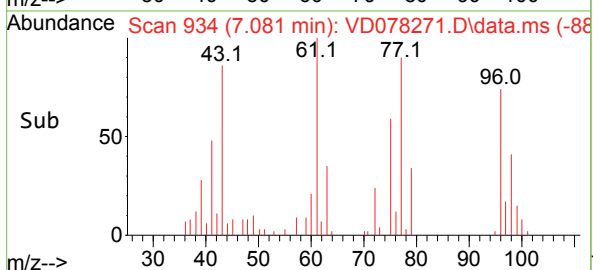
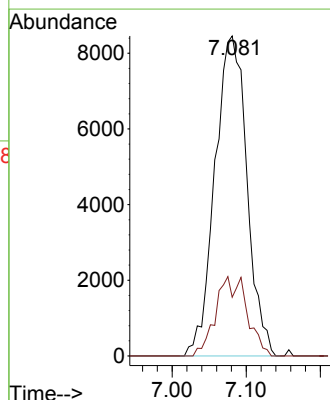
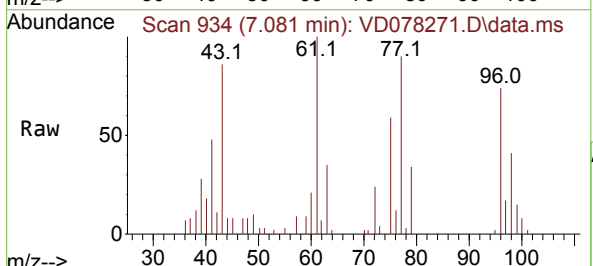
Acq: 30 Jan 2024 10:43

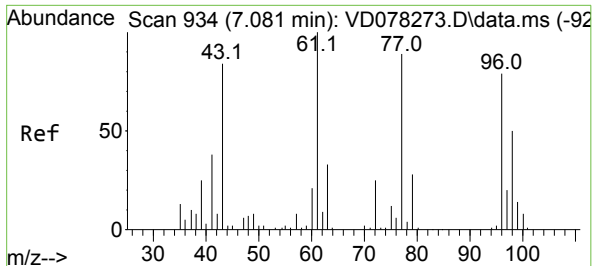
Tgt Ion: 77 Resp: 25424

Ion Ratio Lower Upper

77 100

97 13.5 13.2 39.6



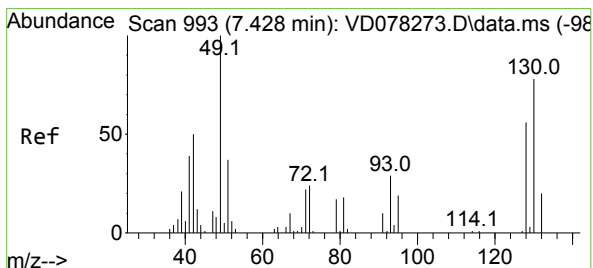
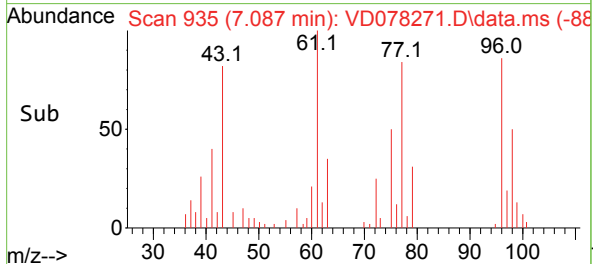
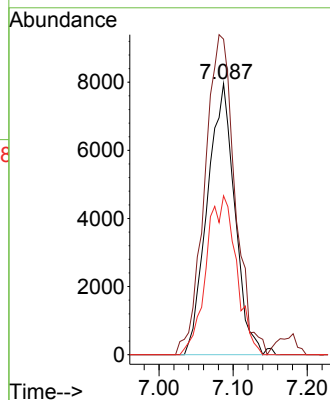
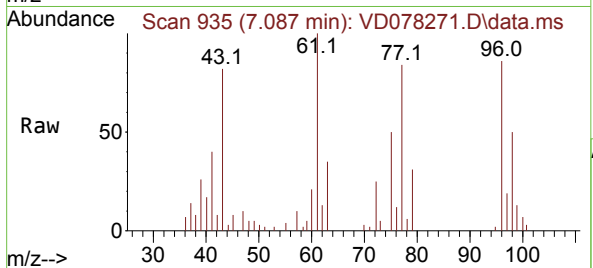


#27
 cis-1,2-Dichloroethene
 Concen: 10.927 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078271.D
 Acq: 30 Jan 2024 10:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 20548

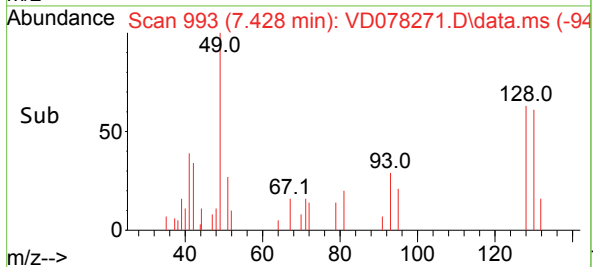
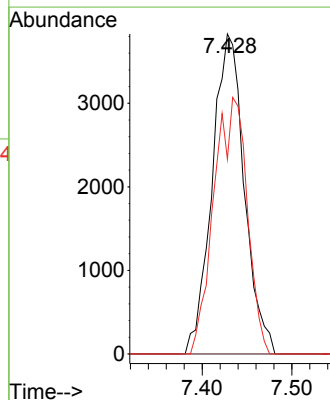
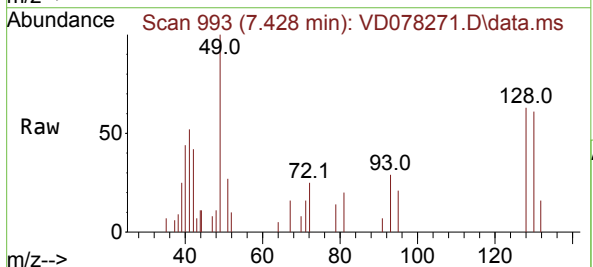
Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	239.2
98	64.3	0.0	128.6

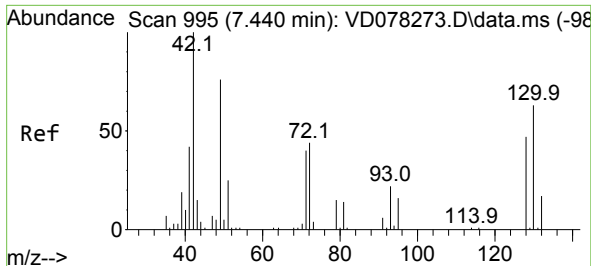


#28
 Bromochloromethane
 Concen: 9.167 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078271.D
 Acq: 30 Jan 2024 10:43

Tgt Ion: 49 Resp: 9529

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	82.8	83.2	124.8#





#29

Tetrahydrofuran

Concen: 49.110 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

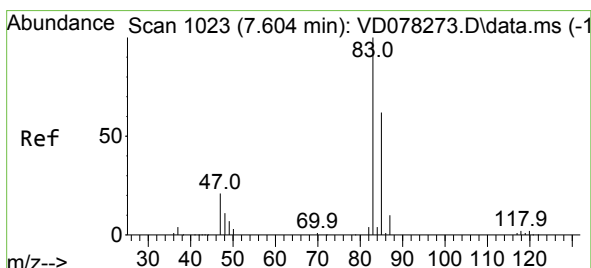
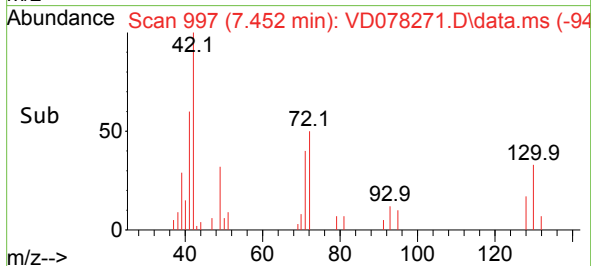
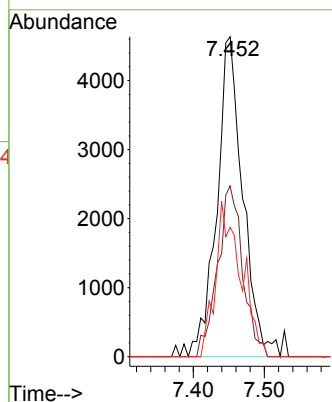
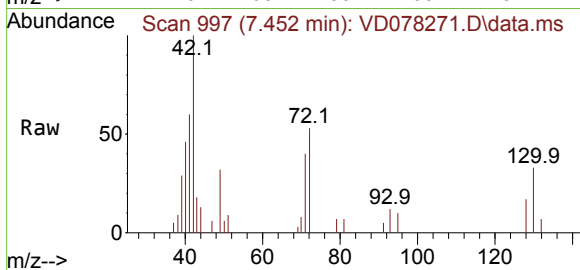
Tgt Ion: 42 Resp: 11821

Ion Ratio Lower Upper

42 100

72 51.5 46.5 69.7

71 47.4 44.5 66.7



#30

Chloroform

Concen: 10.836 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078271.D

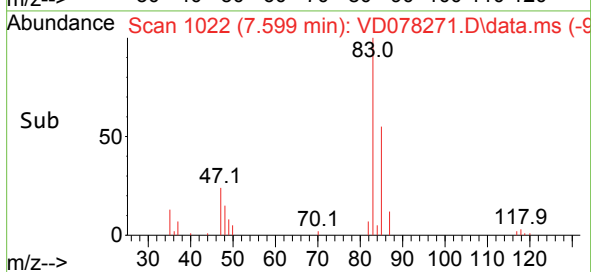
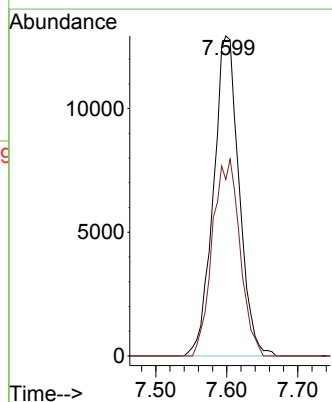
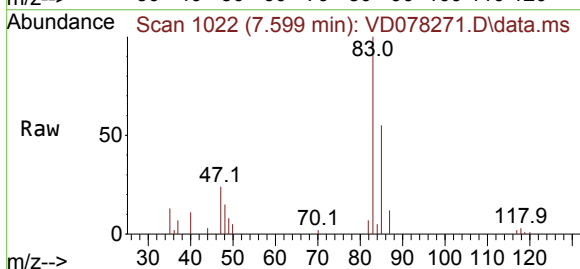
Acq: 30 Jan 2024 10:43

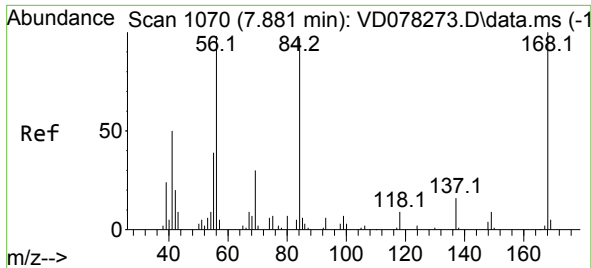
Tgt Ion: 83 Resp: 32288

Ion Ratio Lower Upper

83 100

85 55.1 53.4 80.2

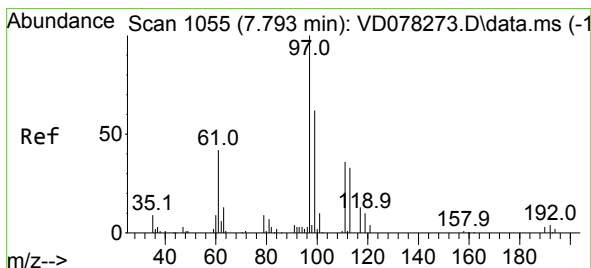
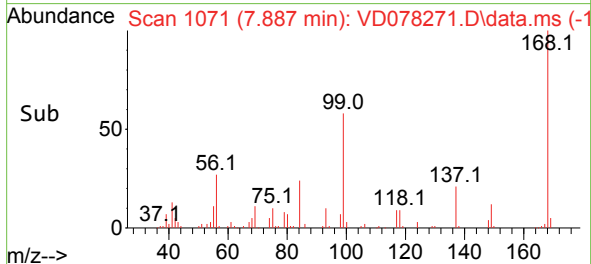
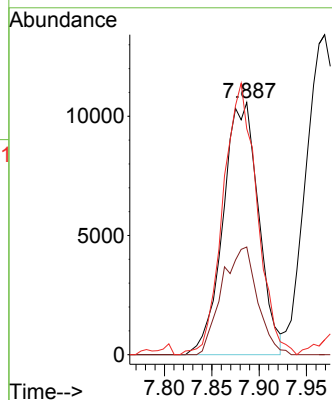
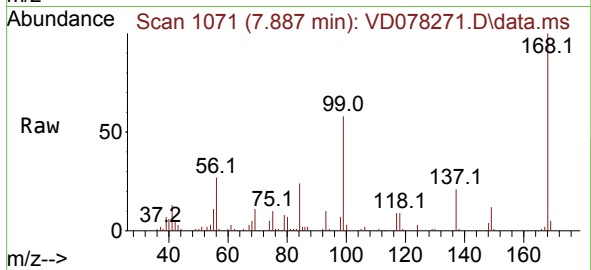




#31
Cyclohexane
Concen: 10.910 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

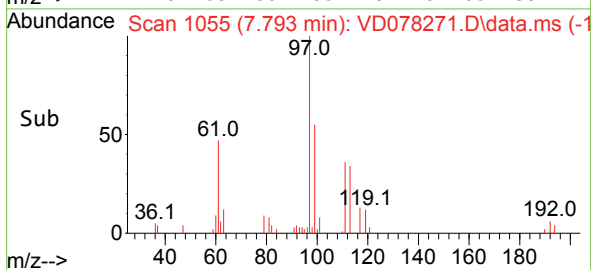
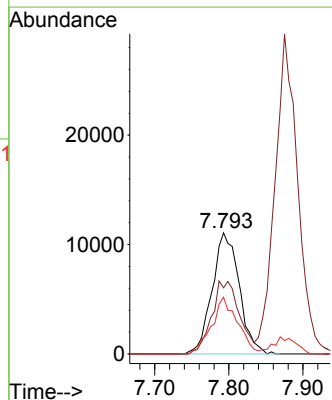
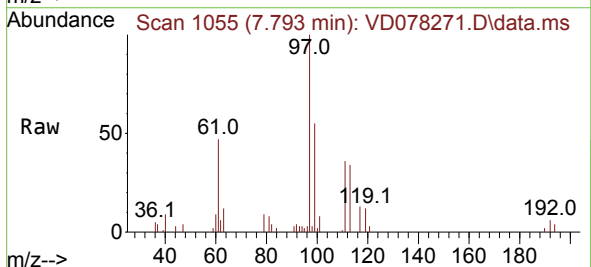
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

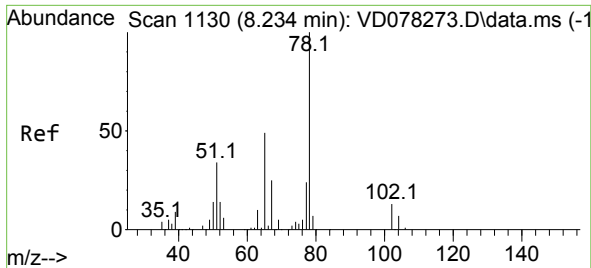
Tgt Ion: 56 Resp: 27591
Ion Ratio Lower Upper
56 100
69 42.7 28.6 43.0
84 89.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.908 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 97 Resp: 28012
Ion Ratio Lower Upper
97 100
99 61.6 52.0 78.0
61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.005 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

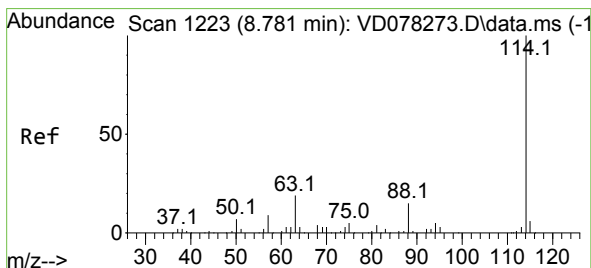
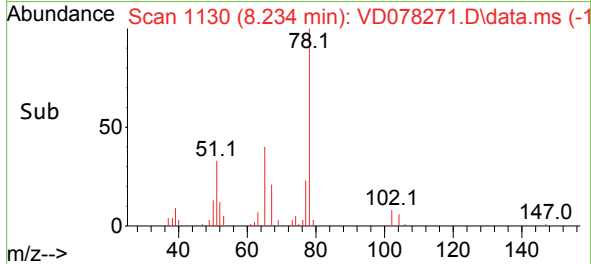
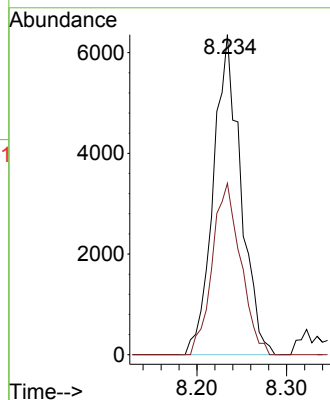
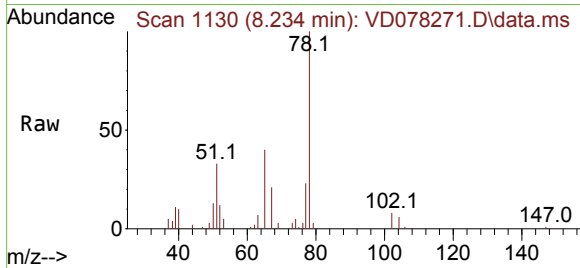
VSTDIC010

Tgt Ion: 65 Resp: 13510

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

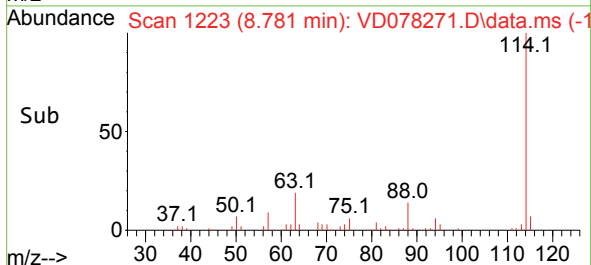
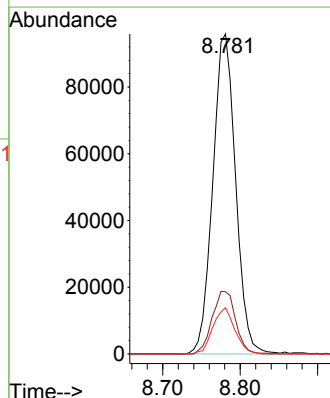
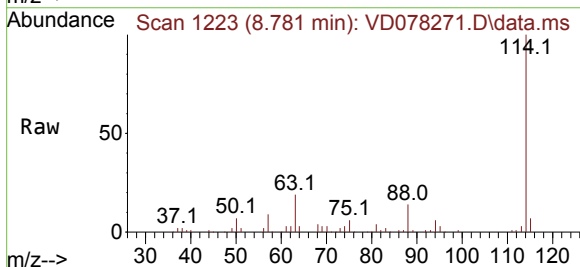
Tgt Ion: 114 Resp: 196207

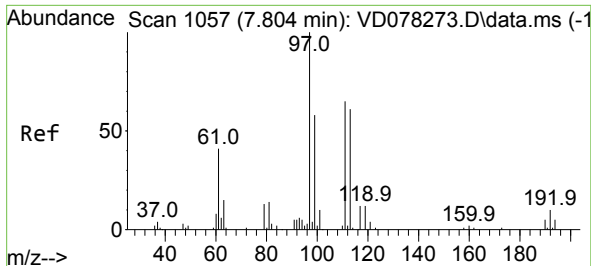
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 10.310 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

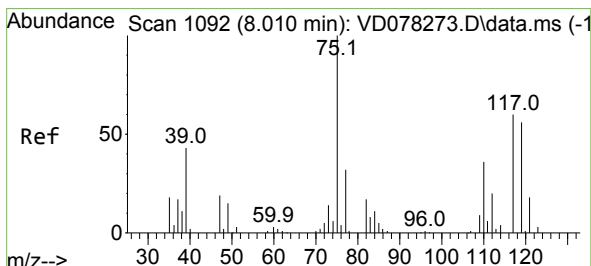
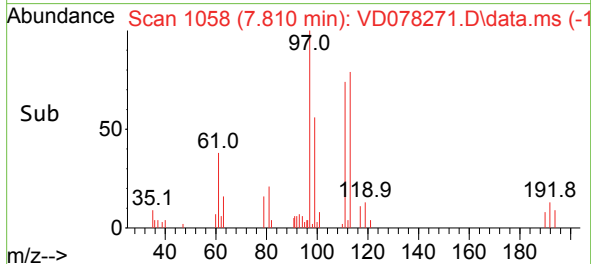
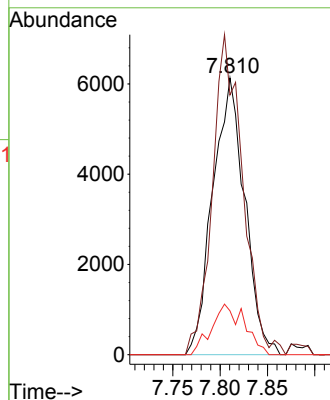
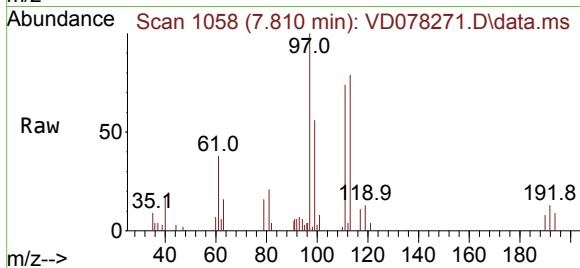
Tgt Ion:113 Resp: 14402

Ion Ratio Lower Upper

113 100

111 109.2 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 10.706 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

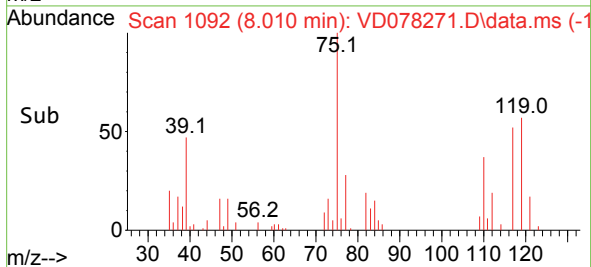
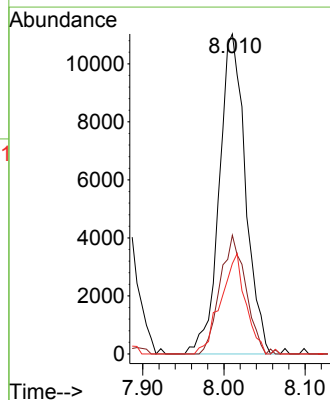
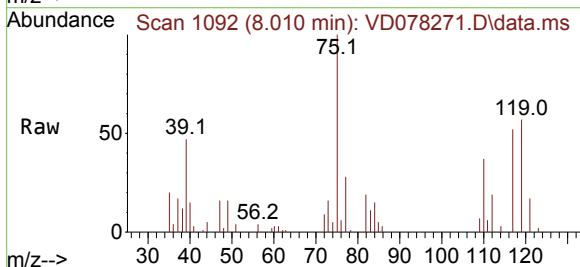
Tgt Ion: 75 Resp: 24798

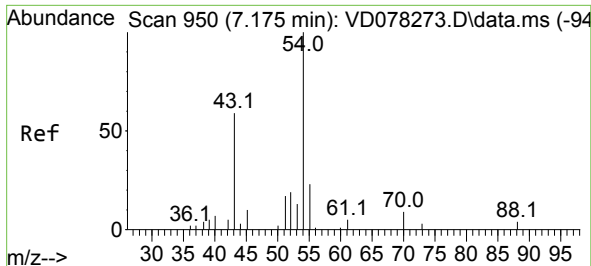
Ion Ratio Lower Upper

75 100

110 36.4 19.9 59.6

77 29.7 24.7 37.1





#37

Ethyl Acetate

Concen: 9.887 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

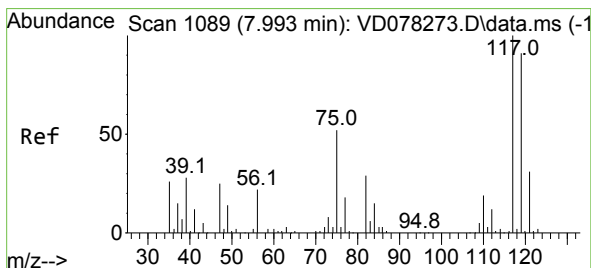
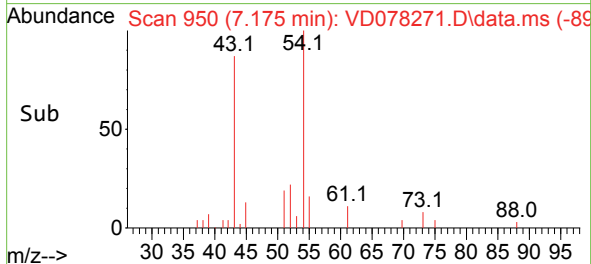
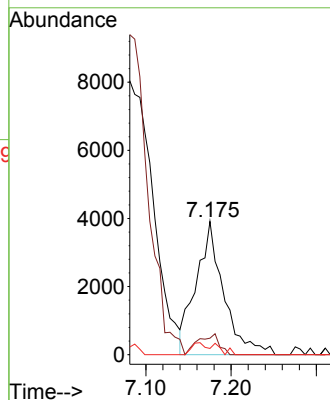
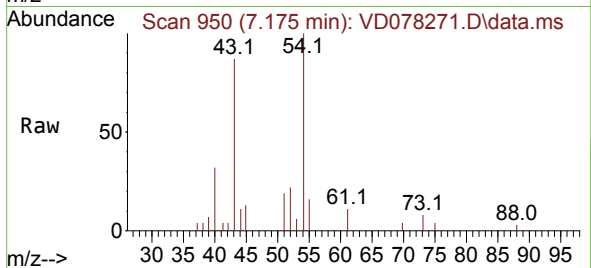
Tgt Ion: 43 Resp: 8814

Ion Ratio Lower Upper

43 100

61 11.9 14.9 22.3#

70 5.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 11.274 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

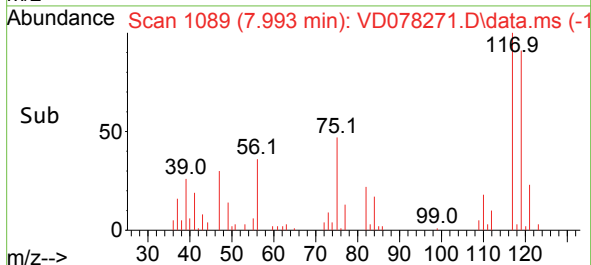
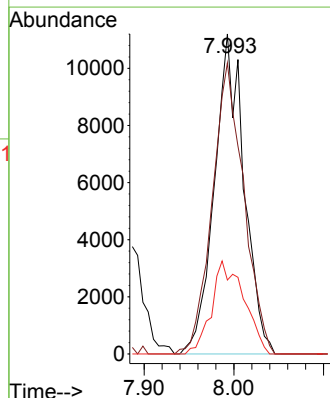
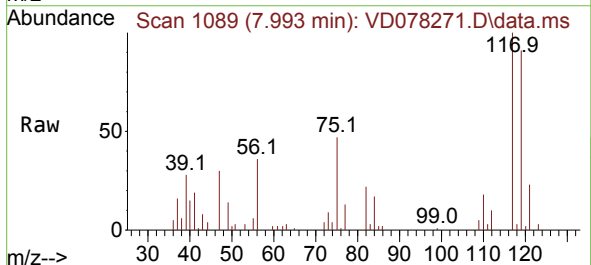
Tgt Ion: 117 Resp: 25677

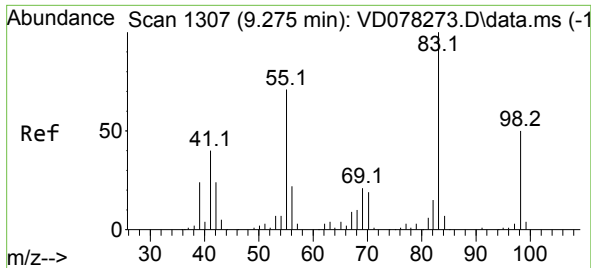
Ion Ratio Lower Upper

117 100

119 90.9 78.0 117.0

121 23.1 24.2 36.2#

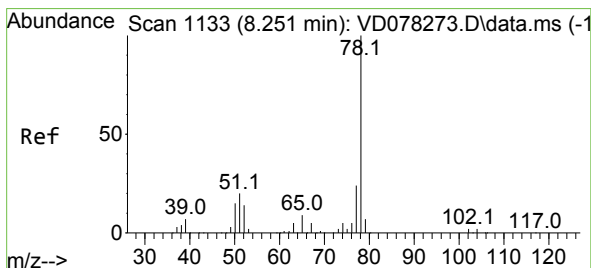
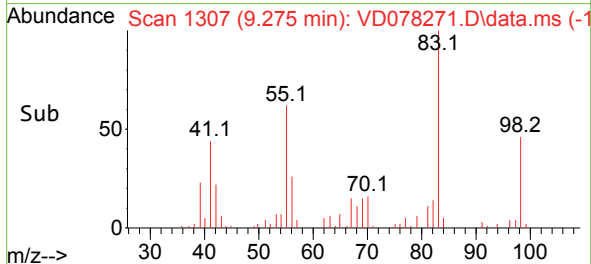
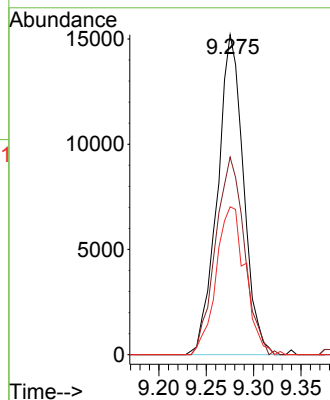
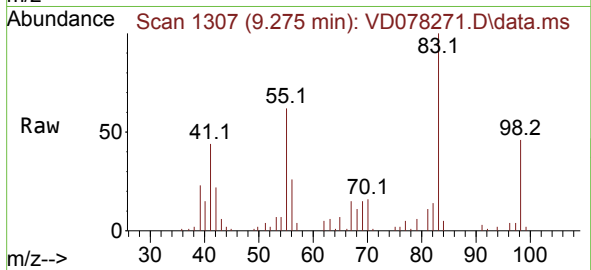




#39
Methylcyclohexane
Concen: 10.655 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

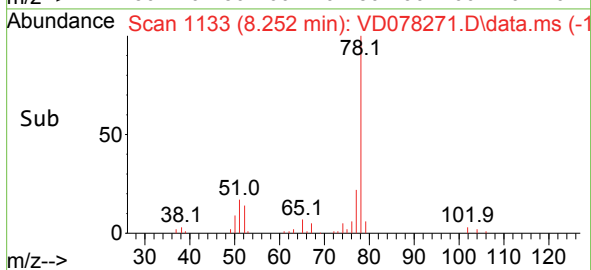
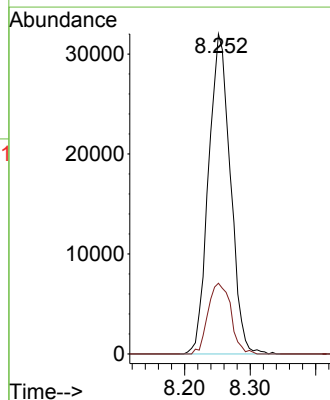
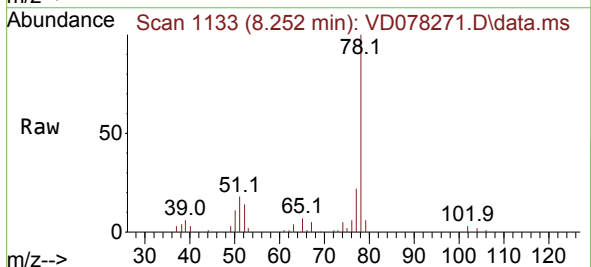
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

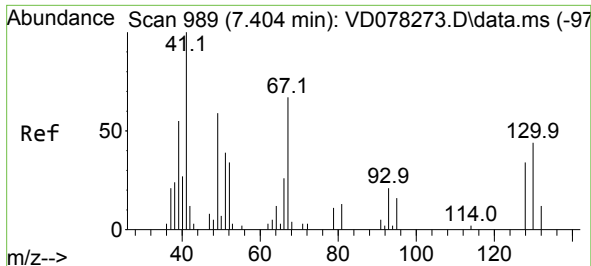
Tgt Ion: 83 Resp: 29181
Ion Ratio Lower Upper
83 100
55 61.8 49.4 74.0
98 46.2 38.4 57.6



#40
Benzene
Concen: 10.942 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 78 Resp: 73953
Ion Ratio Lower Upper
78 100
77 22.1 19.4 29.0

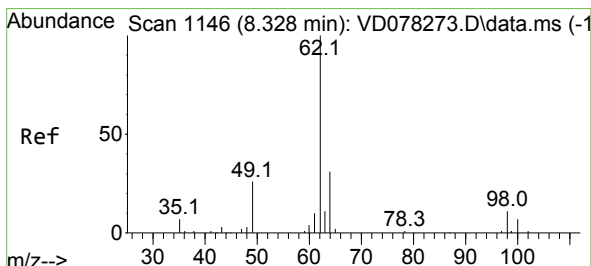
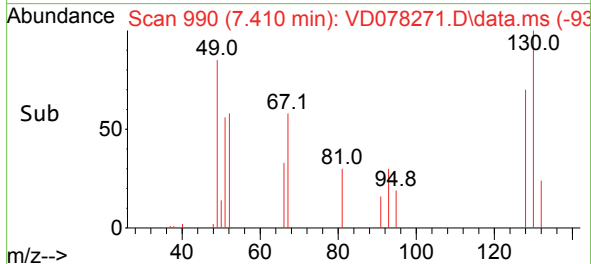
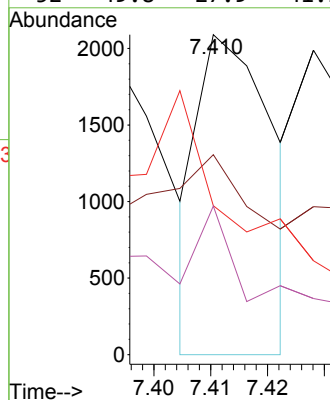
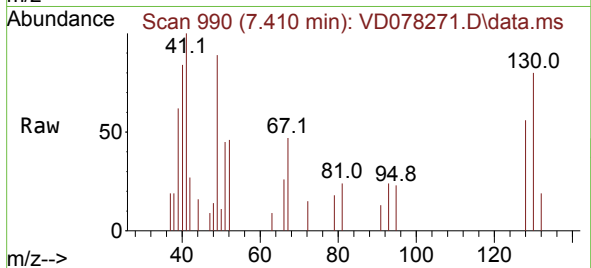




#41
Methacrylonitrile
Concen: 3.950 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

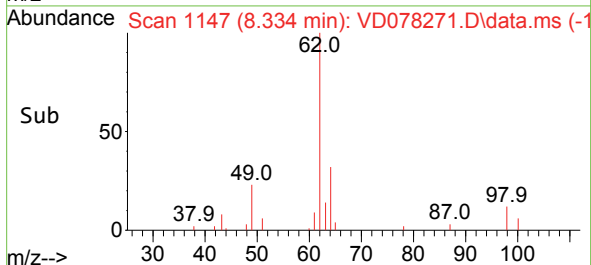
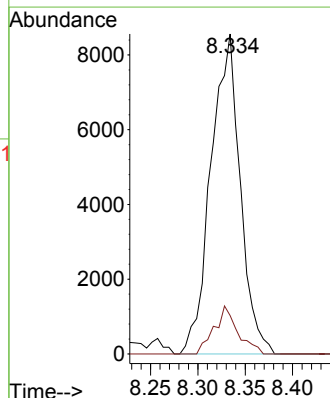
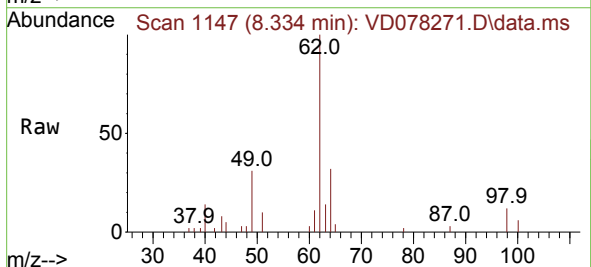
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

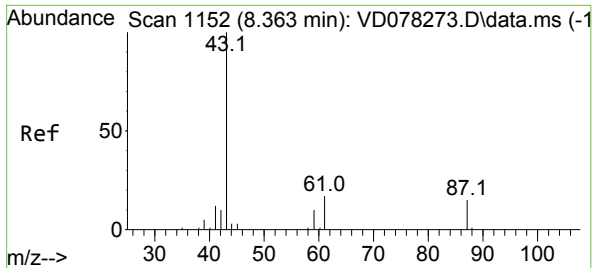
Tgt Ion:	41	Resp:	1893
Ion	Ratio	Lower	Upper
41	100		
39	156.4	34.0	51.0#
67	185.4	77.0	115.4#
52	49.8	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 10.521 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:	62	Resp:	18442
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	25.4

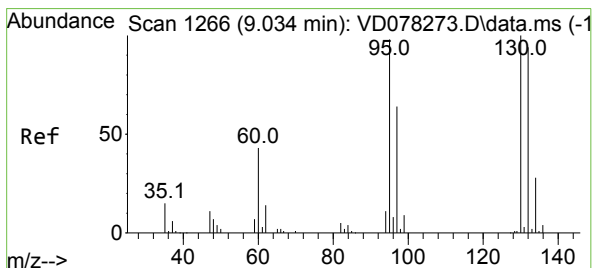
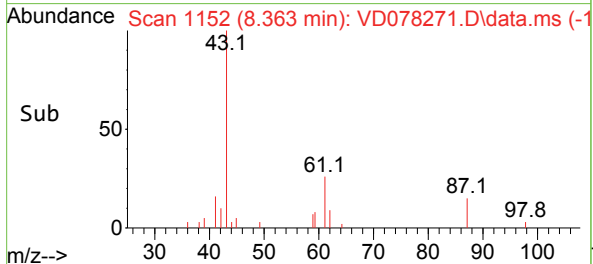
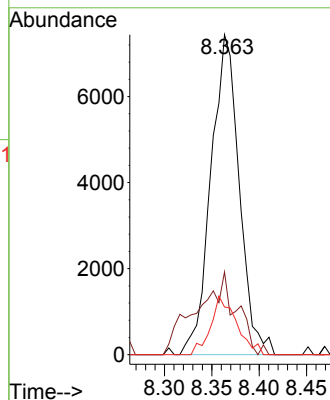
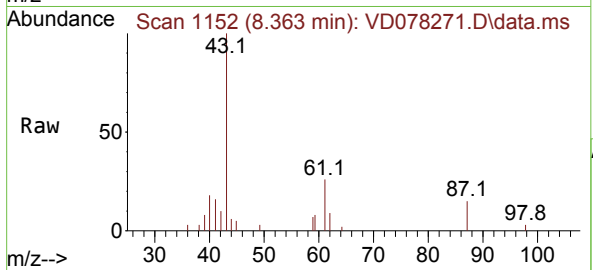




#43
Isopropyl Acetate
Concen: 9.681 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

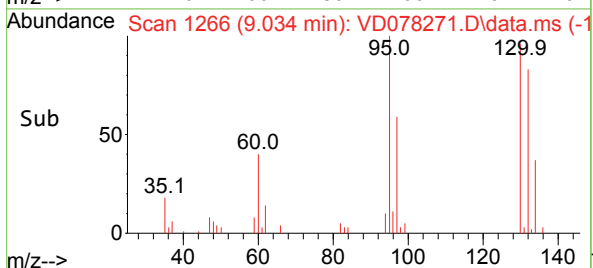
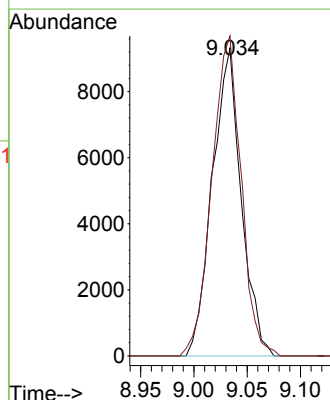
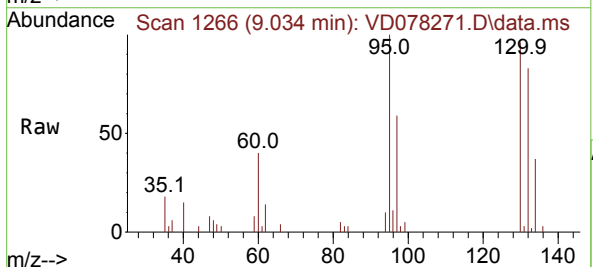
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

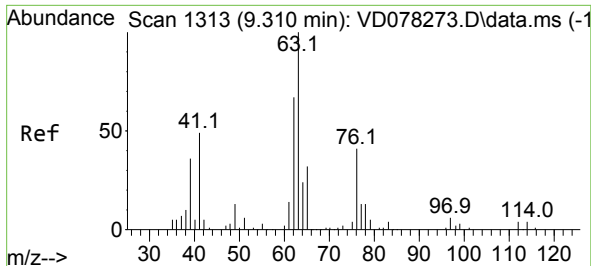
Tgt Ion:	43	Resp:	15474
Ion	Ratio	Lower	Upper
43	100		
61	35.9	31.4	47.0
87	16.8	14.9	22.3



#44
Trichloroethene
Concen: 10.600 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:	130	Resp:	17591
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	179.2





#45

1,2-Dichloropropane

Concen: 10.538 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

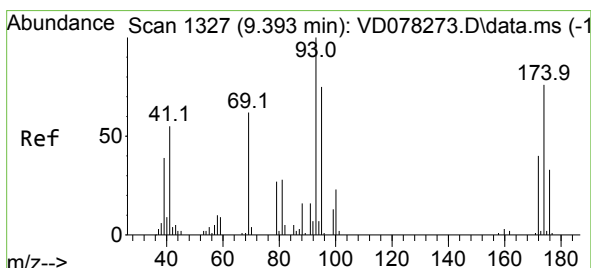
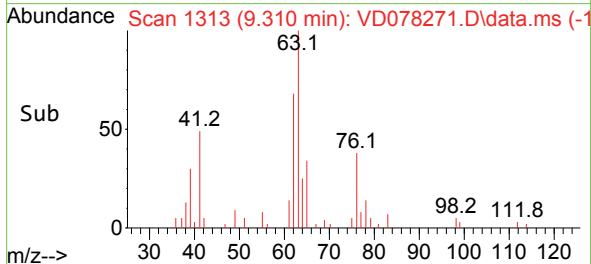
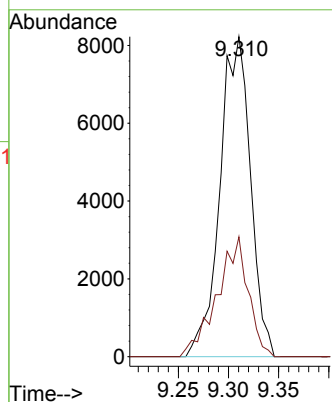
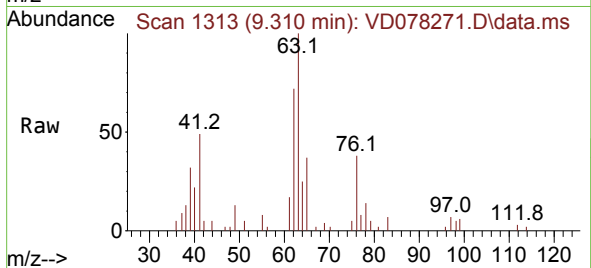
VSTDIC010

Tgt Ion: 63 Resp: 17413

Ion Ratio Lower Upper

63 100

65 37.4 24.5 36.7#



#46

Dibromomethane

Concen: 10.523 ug/l

RT: 9.404 min Scan# 1329

Delta R.T. 0.012 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

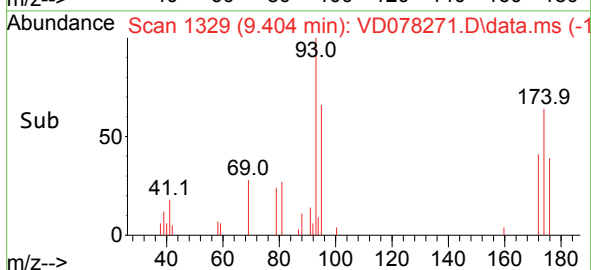
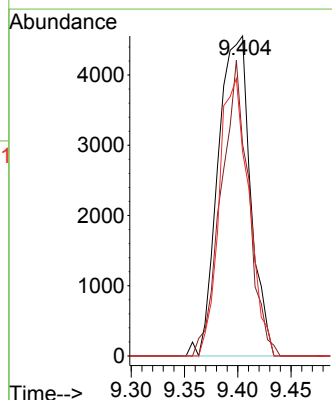
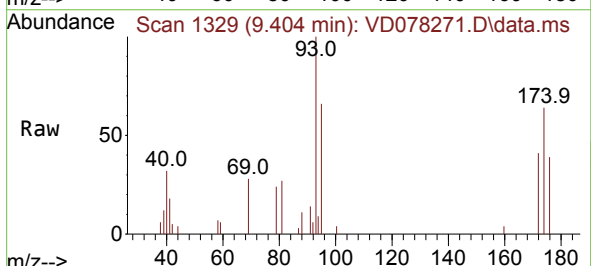
Tgt Ion: 93 Resp: 9648

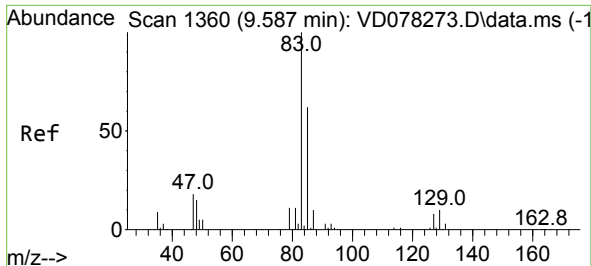
Ion Ratio Lower Upper

93 100

95 78.0 67.7 101.5

174 79.2 85.4 128.2#

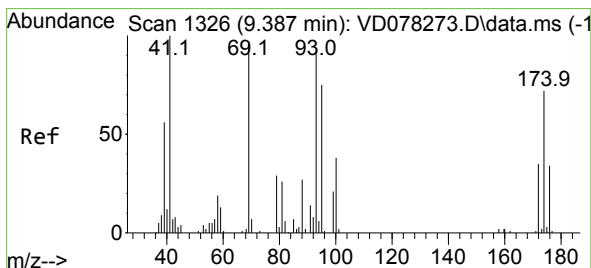
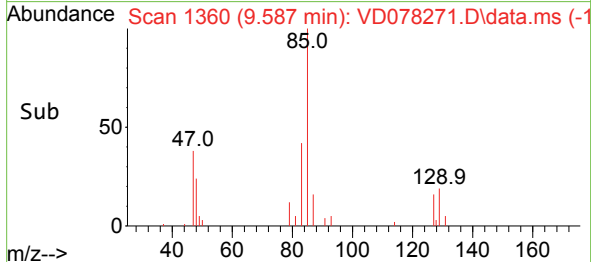
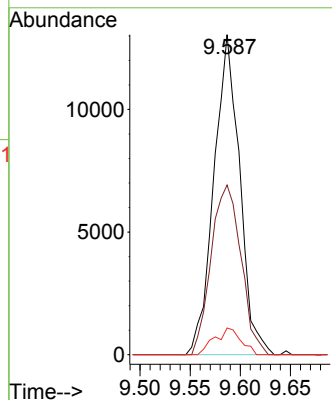
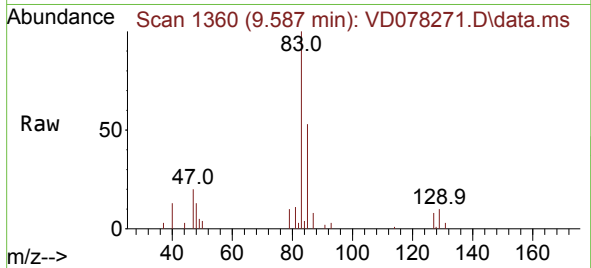




#47
Bromodichloromethane
Concen: 10.342 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

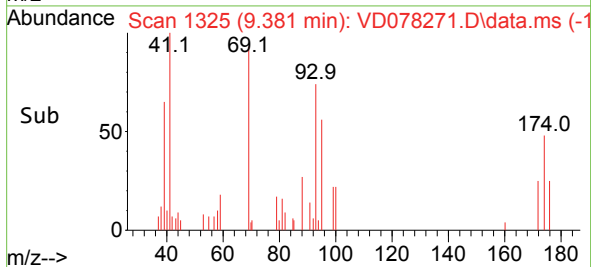
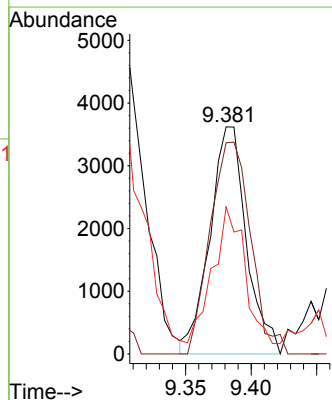
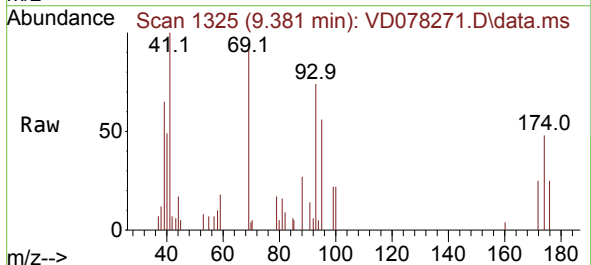
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

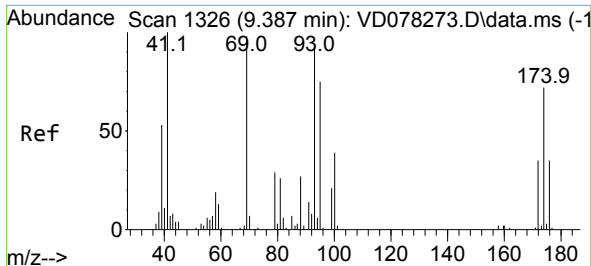
Tgt Ion: 83 Resp: 23329
Ion Ratio Lower Upper
83 100
85 53.0 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 9.180 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 41 Resp: 7012
Ion Ratio Lower Upper
41 100
69 103.4 102.2 153.2
39 53.9 41.4 62.2





#49

1,4-Dioxane

Concen: 212.836 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

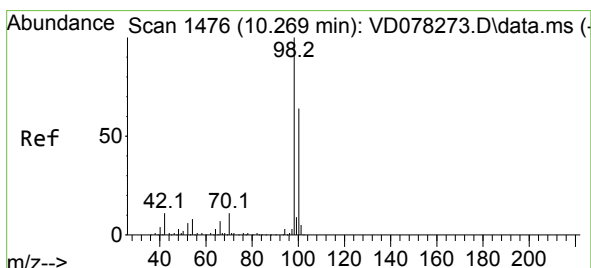
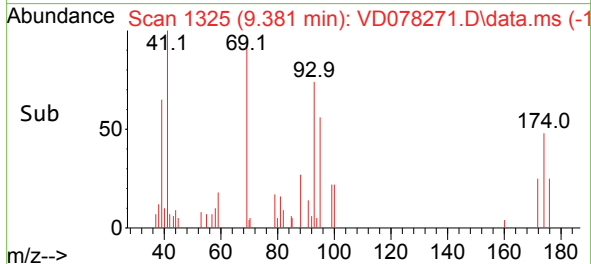
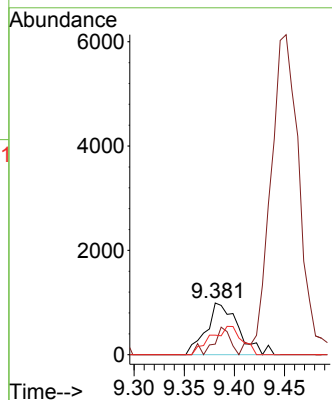
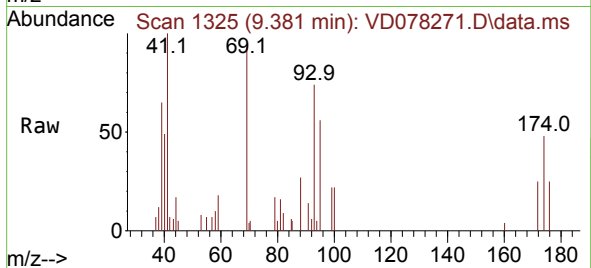
Tgt Ion: 88 Resp: 2189

Ion Ratio Lower Upper

88 100

43 24.6 19.0 28.6

58 52.7 43.5 65.3



#50

Toluene-d8

Concen: 10.095 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078271.D

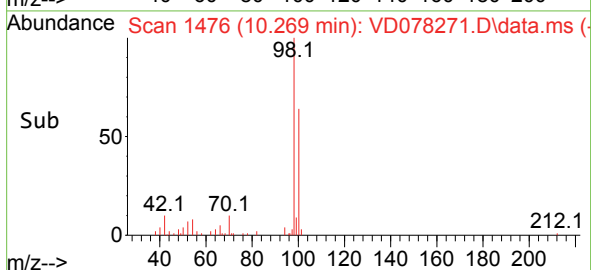
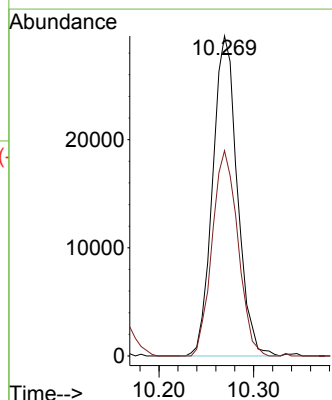
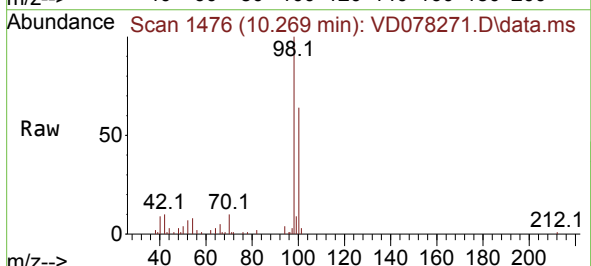
Acq: 30 Jan 2024 10:43

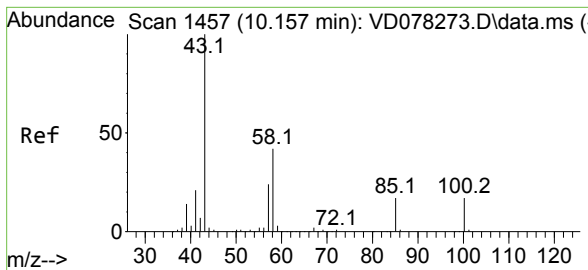
Tgt Ion: 98 Resp: 53386

Ion Ratio Lower Upper

98 100

100 67.1 50.3 75.5

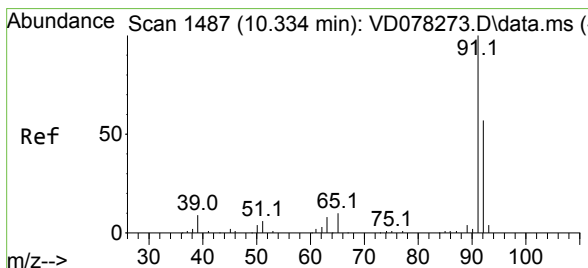
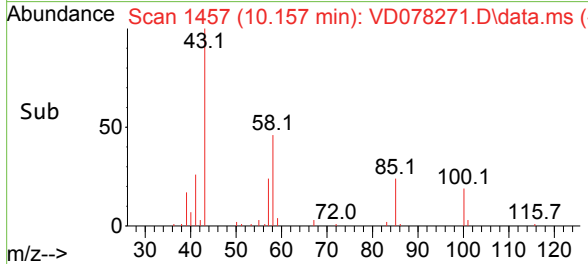
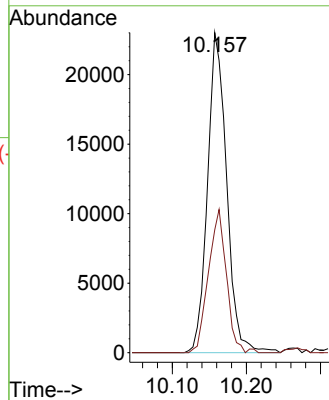
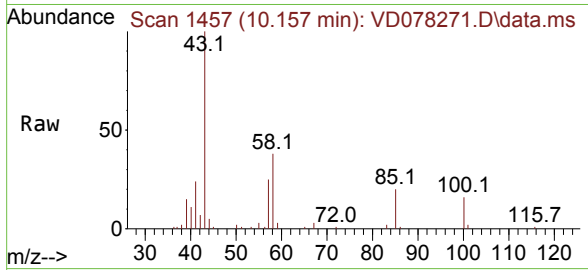




#51
4-Methyl-2-Pentanone
Concen: 47.741 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

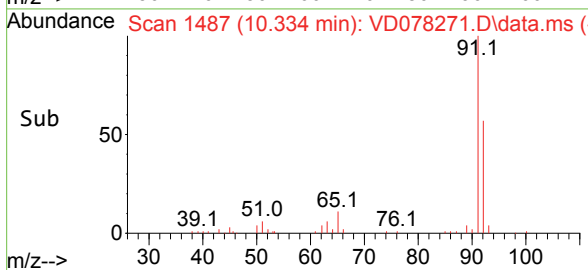
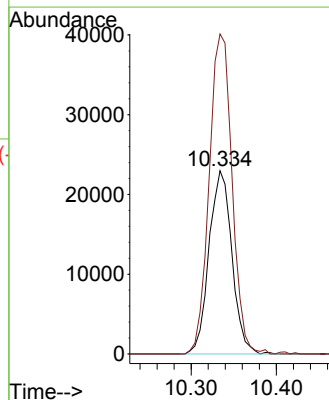
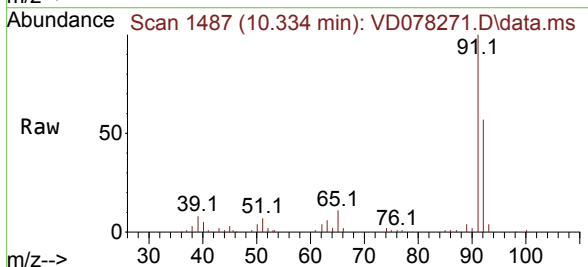
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

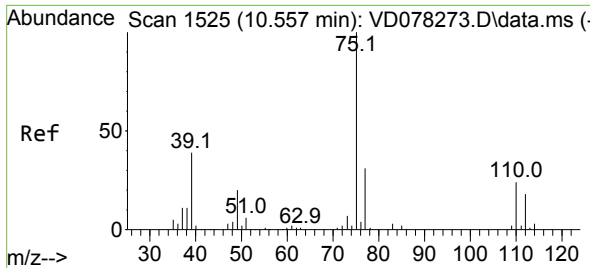
Tgt Ion: 43 Resp: 41282
Ion Ratio Lower Upper
43 100
58 42.2 38.9 58.3



#52
Toluene
Concen: 10.446 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 92 Resp: 42823
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4

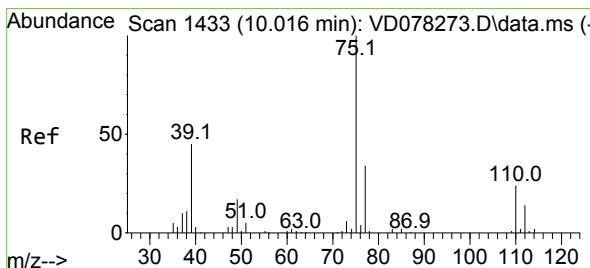
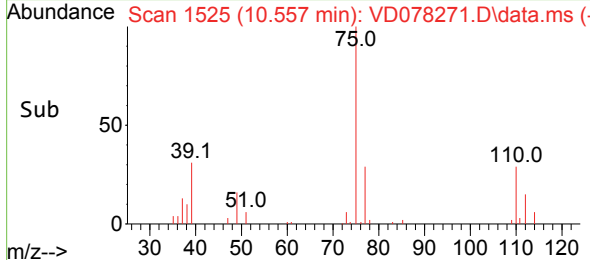
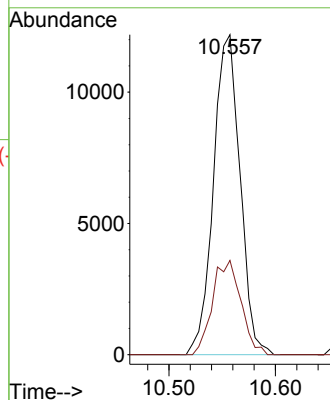
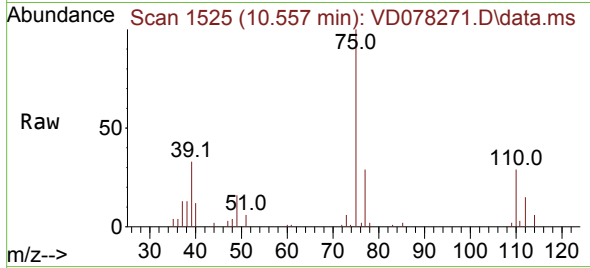




#53
 t-1,3-Dichloropropene
 Concen: 10.032 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078271.D
 Acq: 30 Jan 2024 10:43

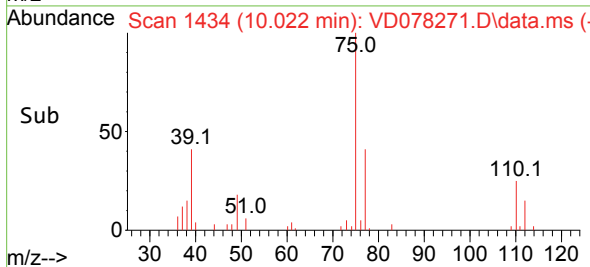
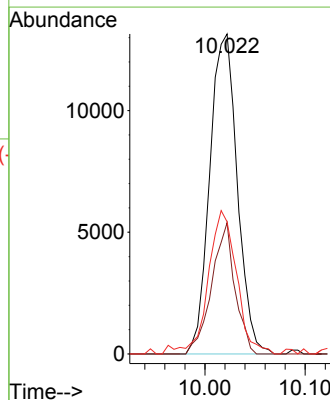
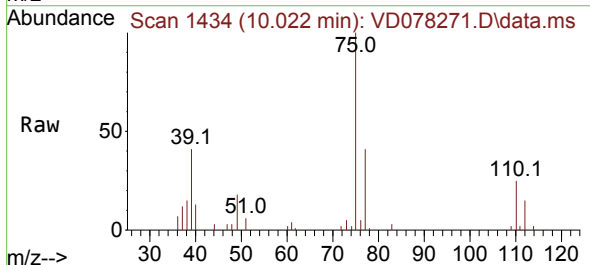
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

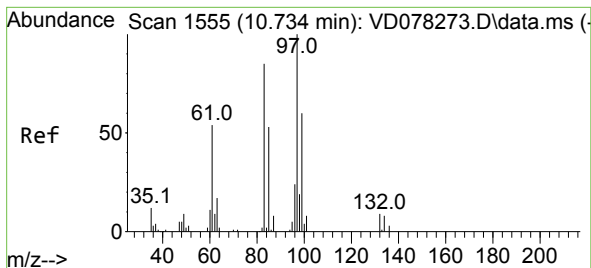
Tgt Ion: 75 Resp: 21137
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 10.068 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078271.D
 Acq: 30 Jan 2024 10:43

Tgt Ion: 75 Resp: 25115
 Ion Ratio Lower Upper
 75 100
 77 41.0 25.5 38.3#
 39 41.3 22.1 33.1#

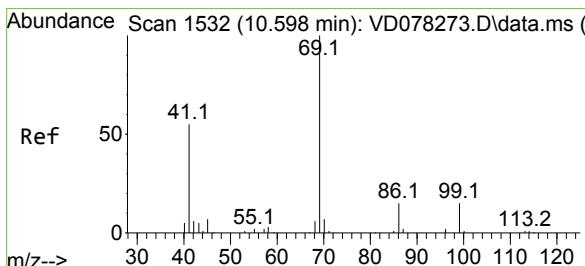
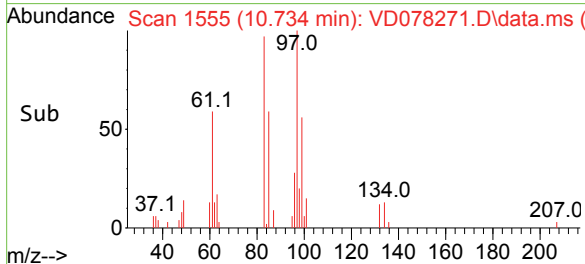
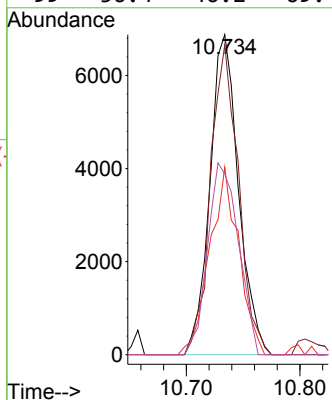
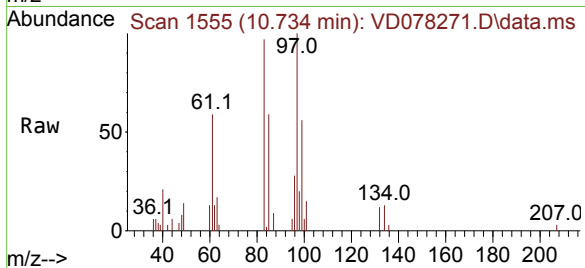




#55
1,1,2-Trichloroethane
Concen: 10.068 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

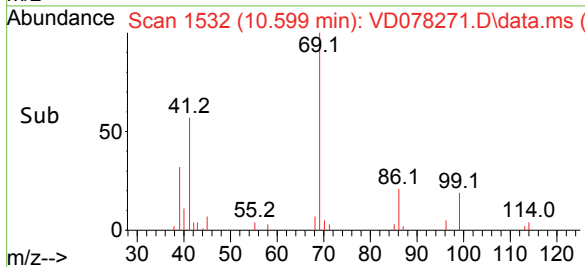
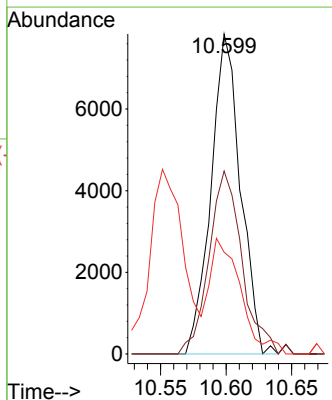
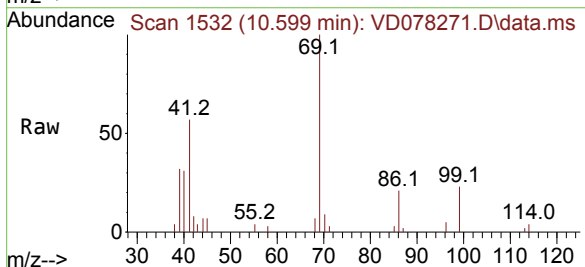
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

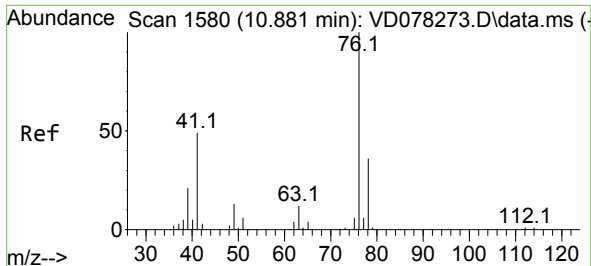
Tgt Ion: 97	Resp: 12046
Ion Ratio	Lower Upper
97 100	
83 96.8	65.8 98.6
85 58.6	45.7 68.5
99 56.4	46.2 69.4



#56
Ethyl methacrylate
Concen: 9.051 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 69	Resp: 12283
Ion Ratio	Lower Upper
69 100	
41 64.3	39.1 58.7#
39 37.9	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 10.393 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

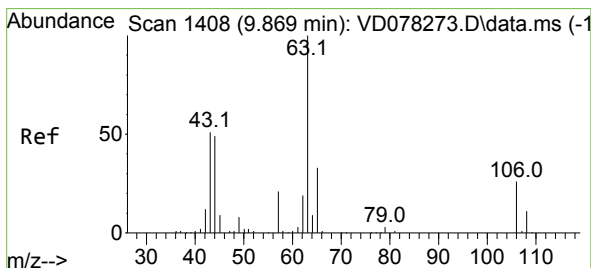
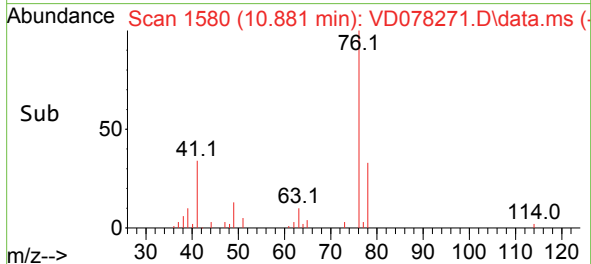
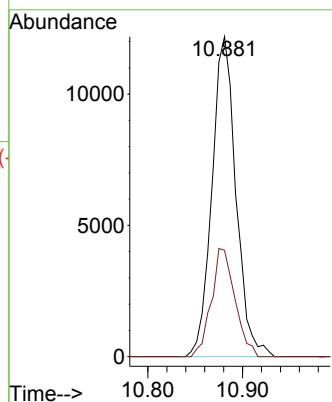
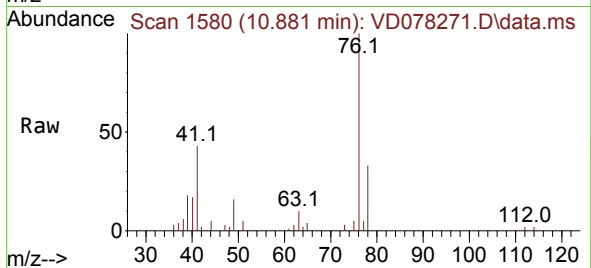
VSTDIC010

Tgt Ion: 76 Resp: 21440

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 40.984 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078271.D

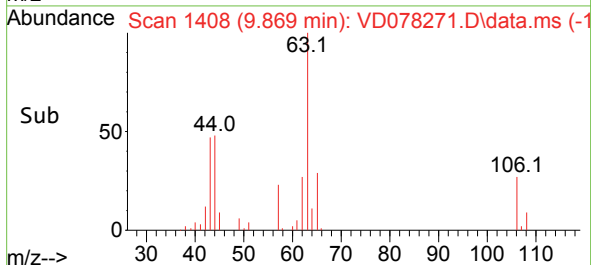
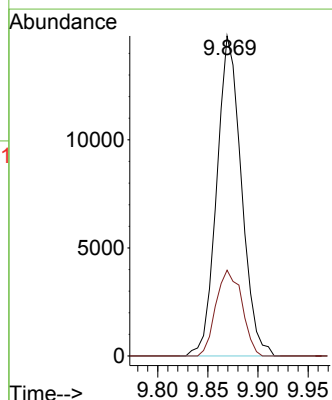
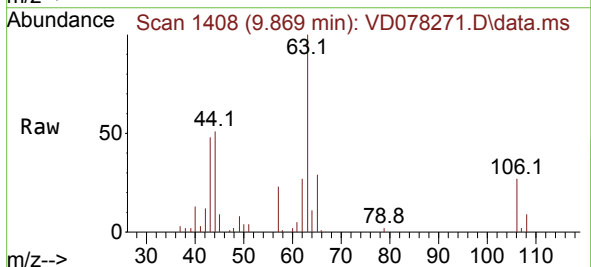
Acq: 30 Jan 2024 10:43

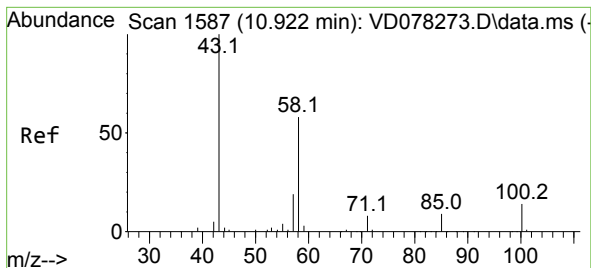
Tgt Ion: 63 Resp: 25293

Ion Ratio Lower Upper

63 100

106 28.2 25.3 37.9





#59

2-Hexanone

Concen: 48.309 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

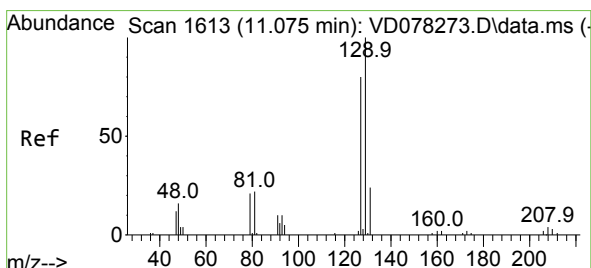
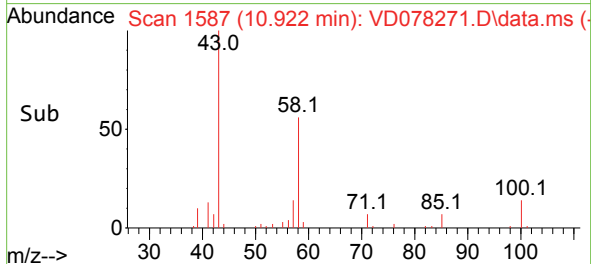
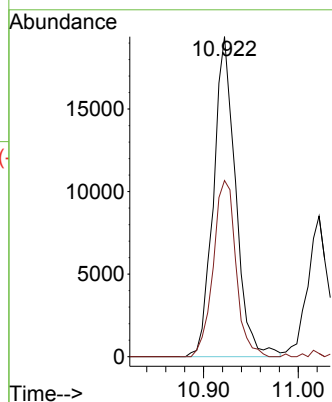
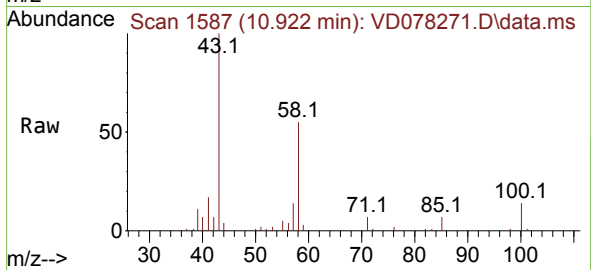
VSTDIC010

Tgt Ion: 43 Resp: 31461

Ion Ratio Lower Upper

43 100

58 56.5 34.1 102.2



#60

Dibromochloromethane

Concen: 10.187 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078271.D

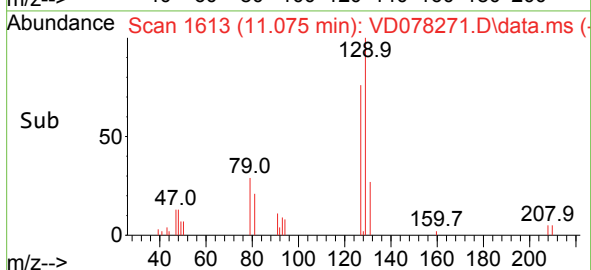
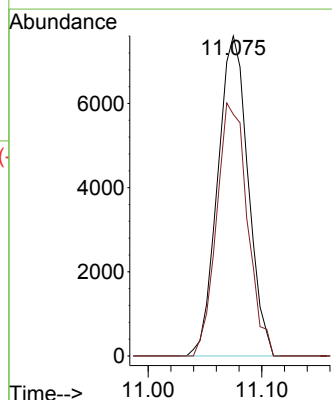
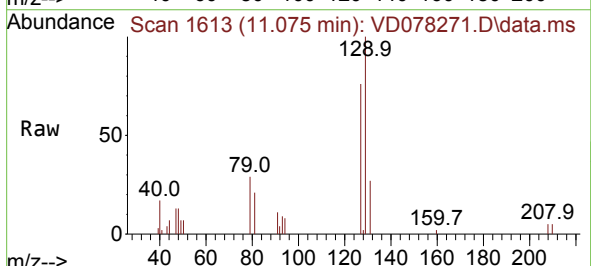
Acq: 30 Jan 2024 10:43

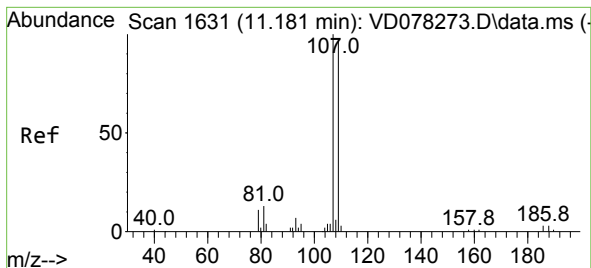
Tgt Ion: 129 Resp: 14149

Ion Ratio Lower Upper

129 100

127 79.9 37.1 111.5

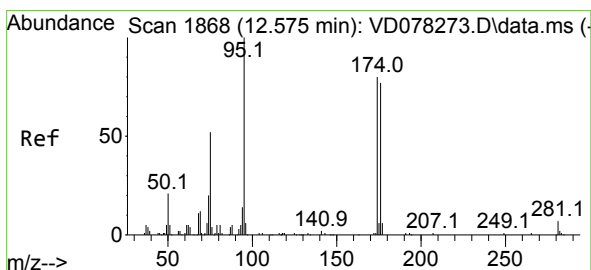
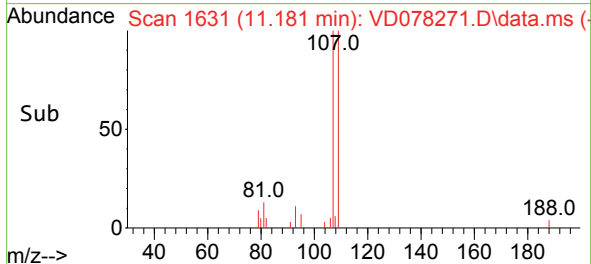
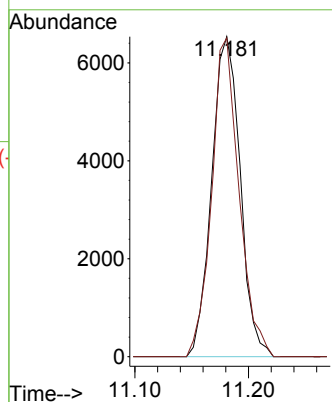
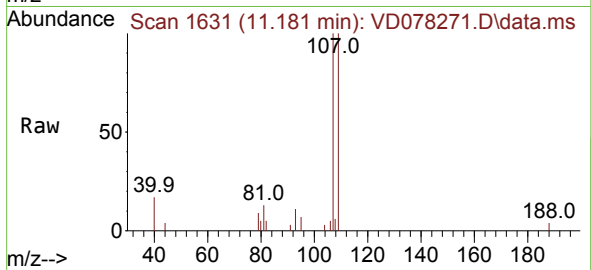




#61
1,2-Dibromoethane
Concen: 10.058 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

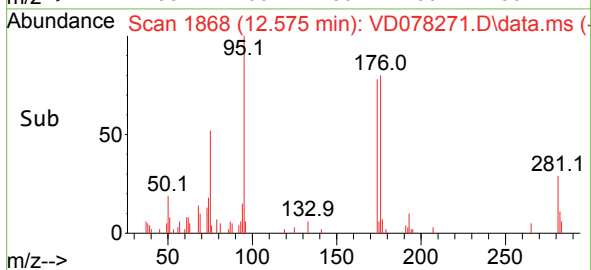
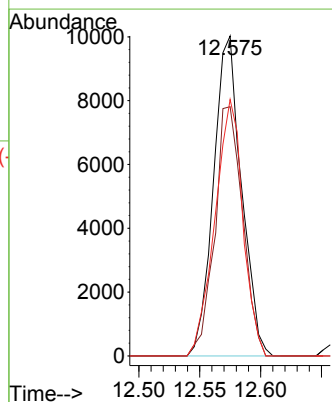
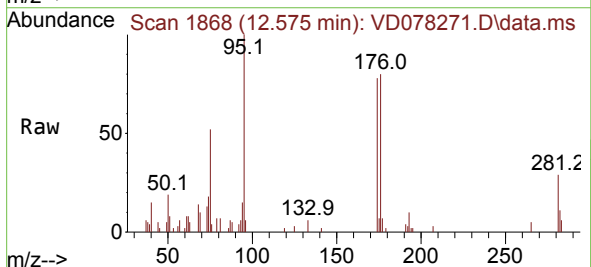
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

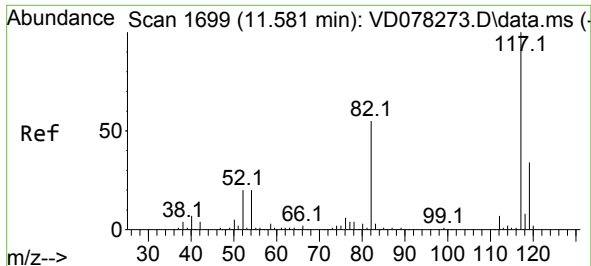
Tgt Ion:107 Resp: 11362
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 95 Resp: 16007
Ion Ratio Lower Upper
95 100
174 77.8 0.0 201.8
176 80.1 0.0 191.8

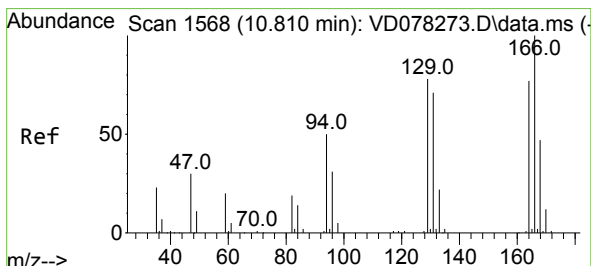
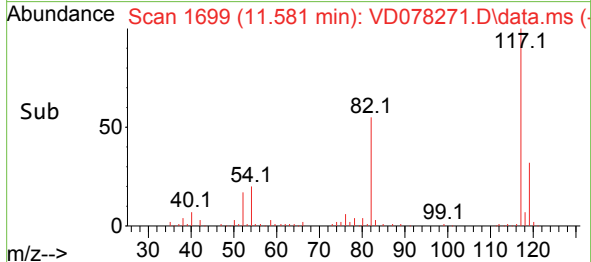
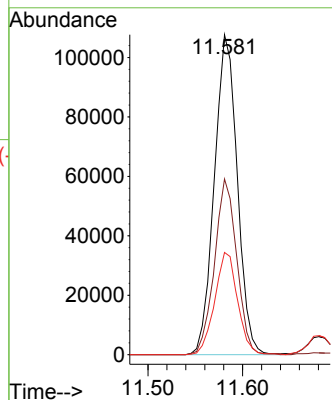
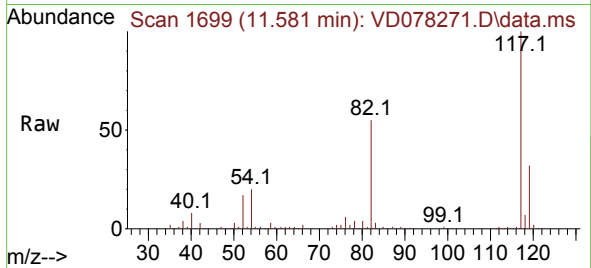




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

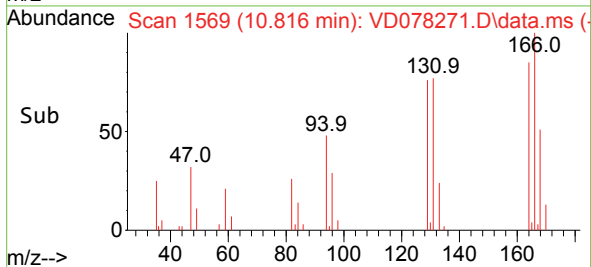
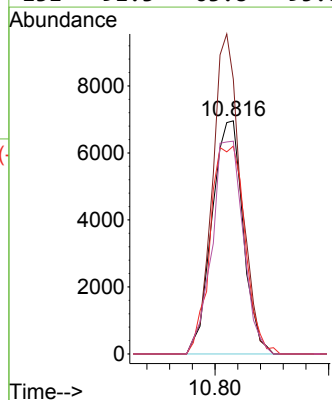
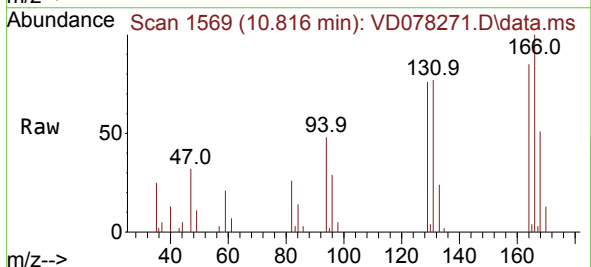
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

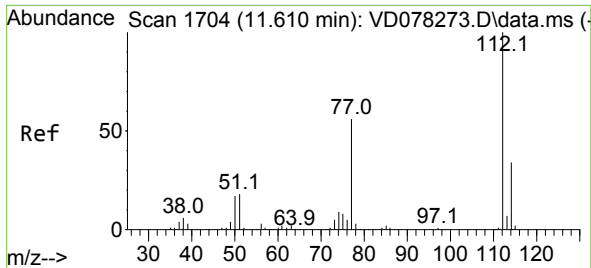
Tgt Ion:117 Resp: 181437
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 10.452 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:164 Resp: 13227
Ion Ratio Lower Upper
164 100
166 117.8 99.2 148.8
129 89.2 68.4 102.6
131 91.3 63.8 95.8

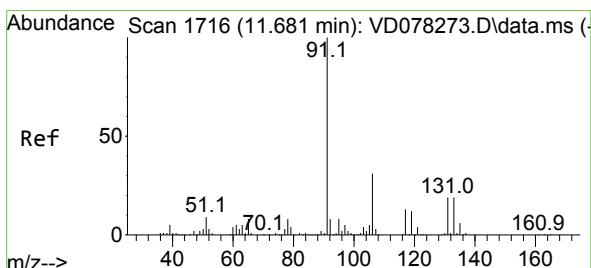
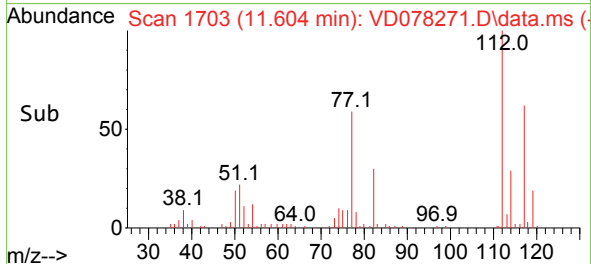
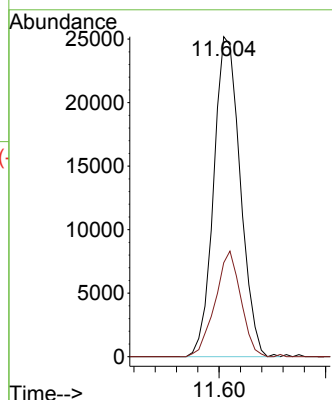
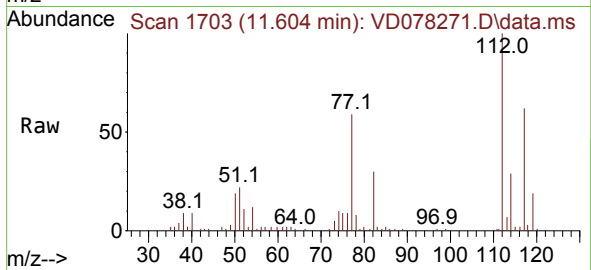




#65
Chlorobenzene
Concen: 10.046 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

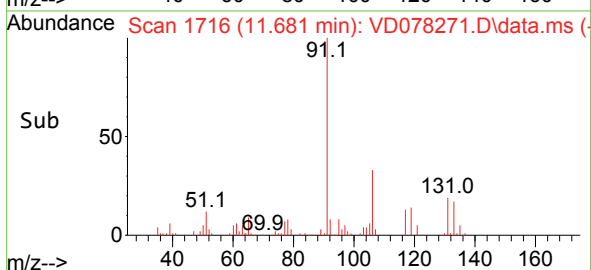
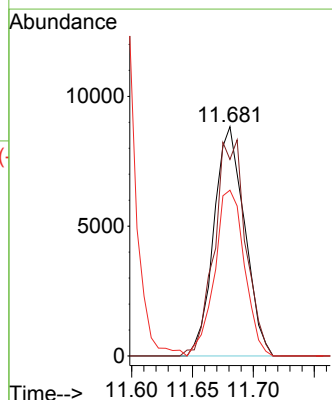
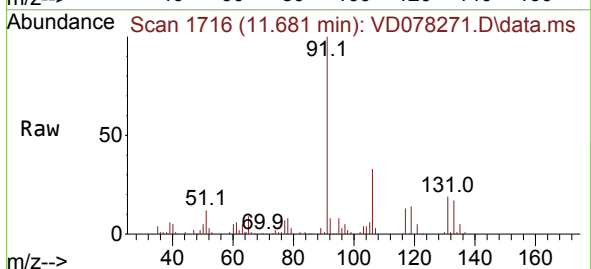
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

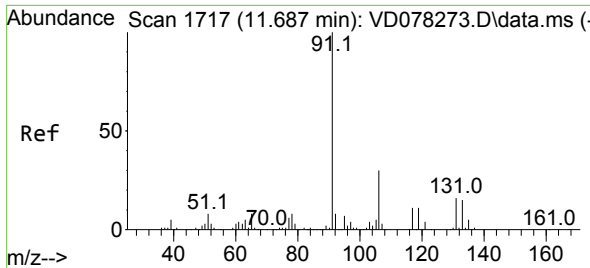
Tgt Ion:112 Resp: 43605
Ion Ratio Lower Upper
112 100
114 29.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.043 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:131 Resp: 15521
Ion Ratio Lower Upper
131 100
133 95.9 48.5 145.5
119 70.3 35.6 106.9

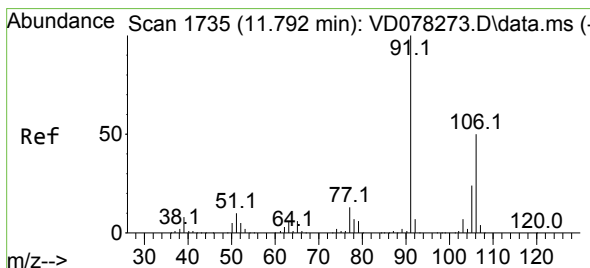
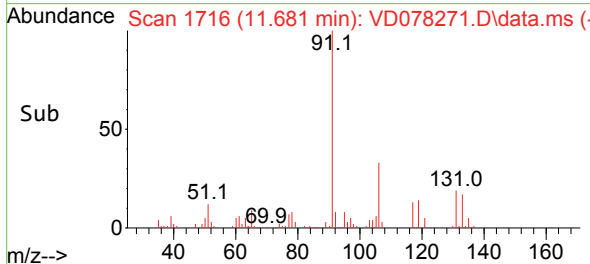
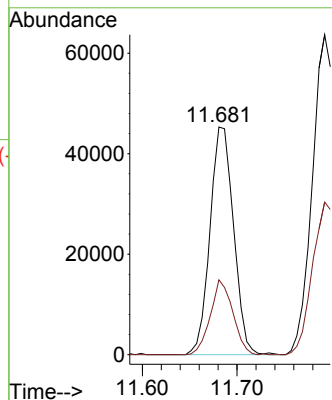
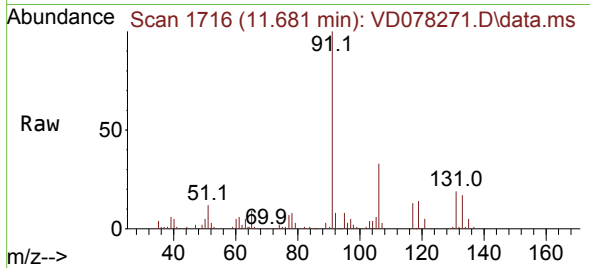




#67
Ethyl Benzene
Concen: 9.993 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

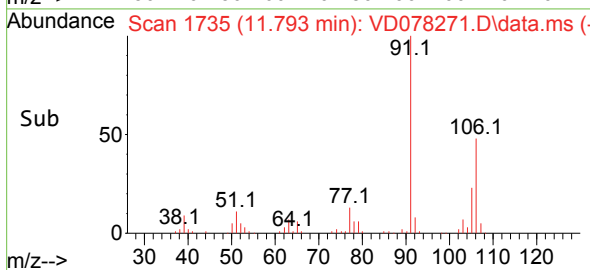
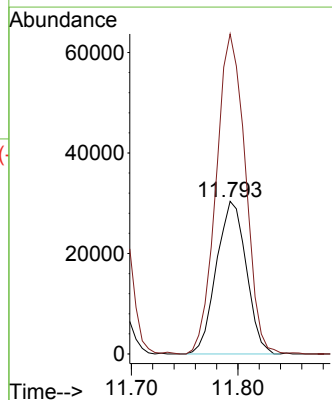
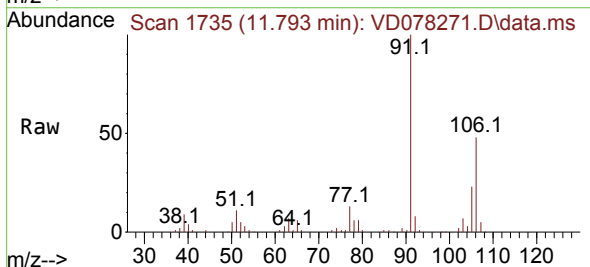
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

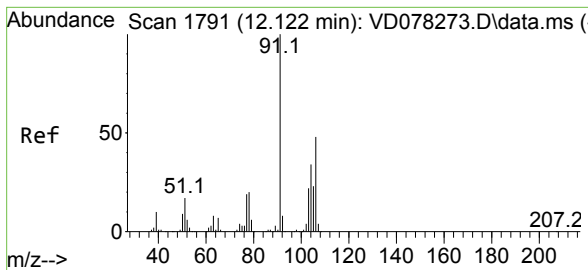
Tgt Ion: 91 Resp: 78575
Ion Ratio Lower Upper
91 100
106 32.9 26.5 39.7



#68
m/p-Xylenes
Concen: 19.550 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 106 Resp: 59140
Ion Ratio Lower Upper
106 100
91 204.8 147.0 220.6

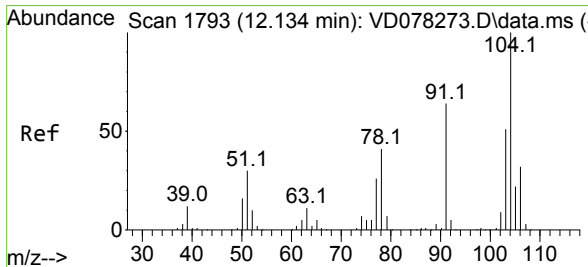
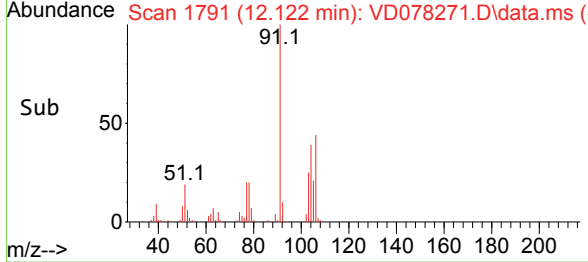
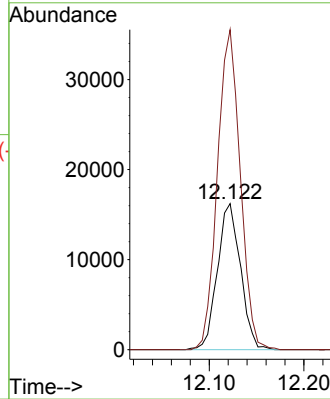
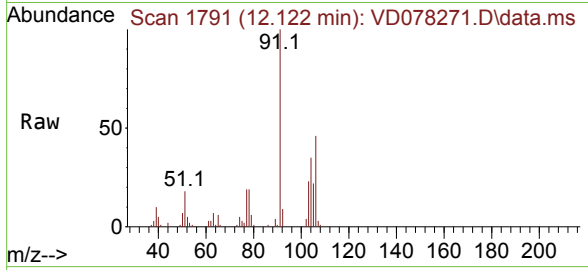




#69
o-Xylene
Concen: 9.894 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

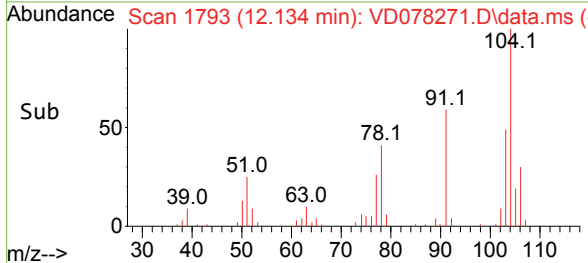
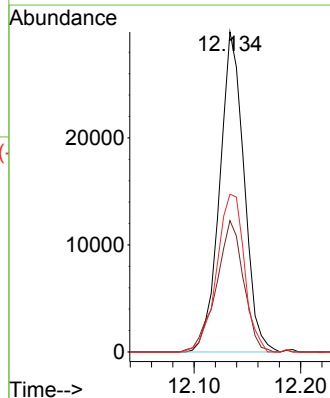
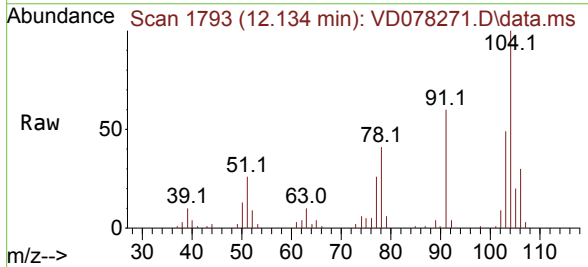
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

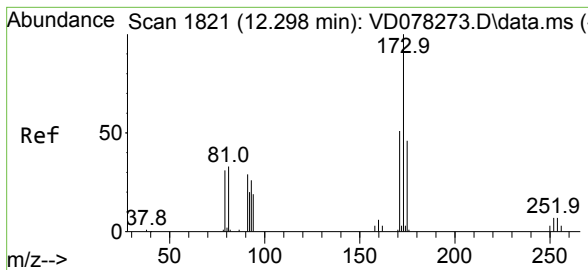
Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.5	97.9	293.6



#70
Styrene
Concen: 9.998 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.8	33.2	49.8
103	55.8	43.6	65.4

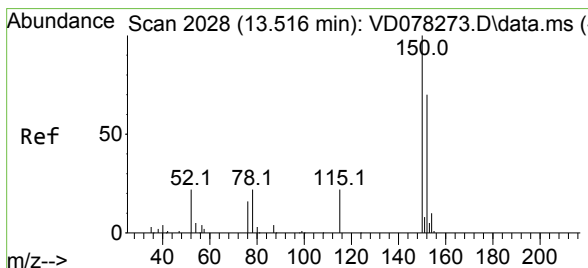
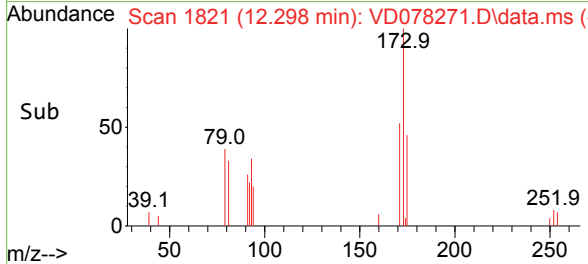
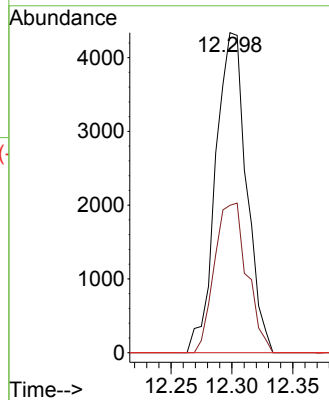
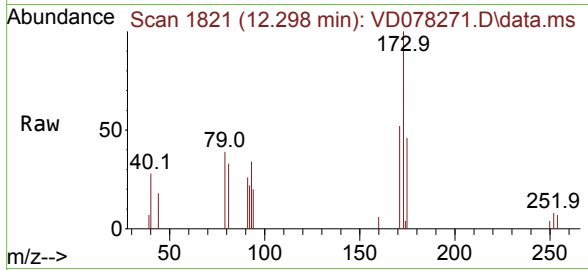




#71
Bromoform
Concen: 10.066 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

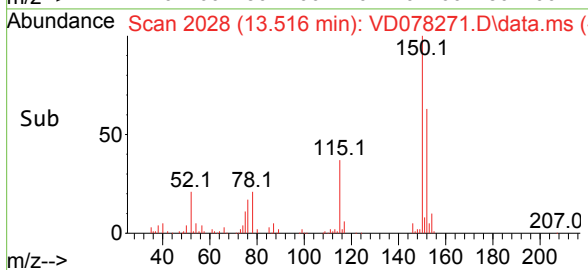
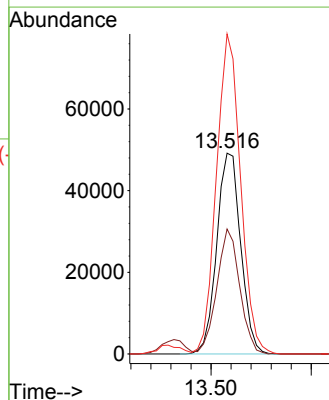
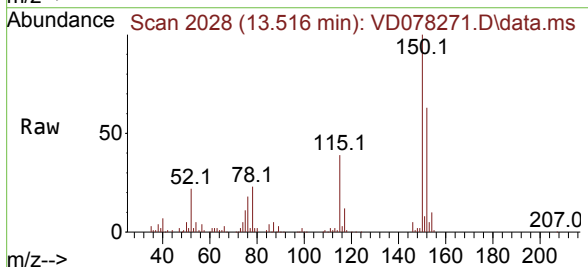
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

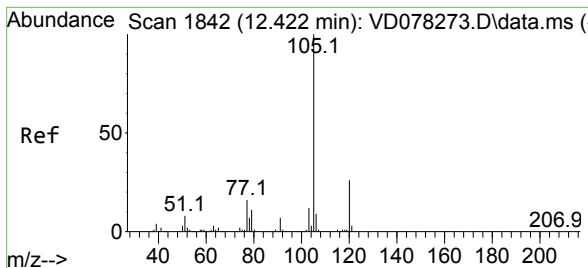
Tgt Ion:173 Resp: 7662
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:152 Resp: 81631
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 160.5 0.0 353.6





#73

Isopropylbenzene

Concen: 10.552 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

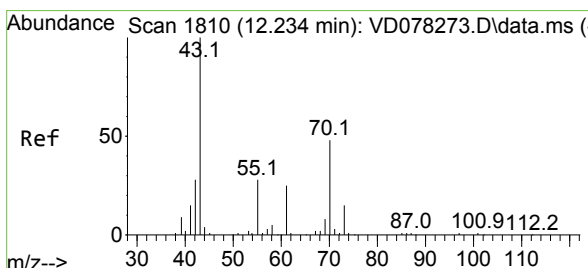
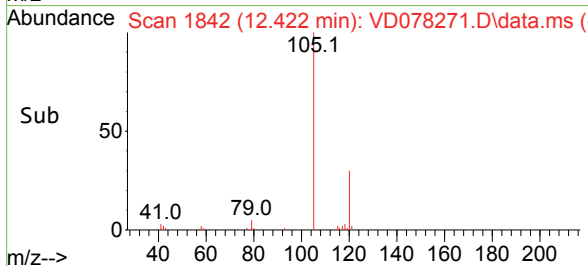
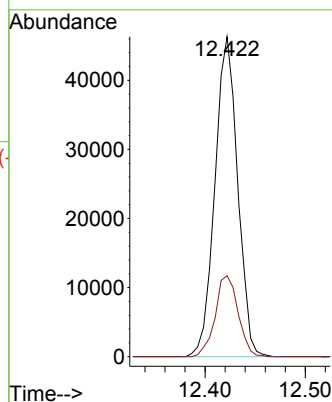
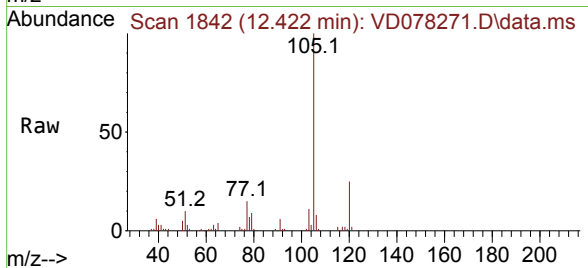
VSTDIC010

Tgt Ion:105 Resp: 72880

Ion Ratio Lower Upper

105 100

120 25.5 14.3 42.9



#74

N-ethyl acetate

Concen: 9.960 ug/l

RT: 12.240 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Tgt Ion: 43 Resp: 14227

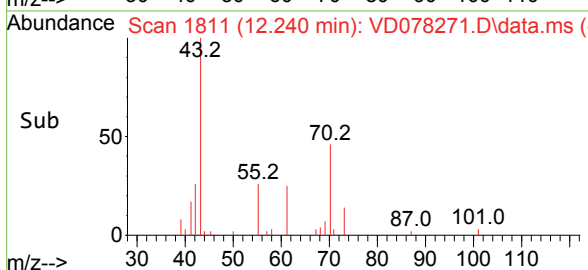
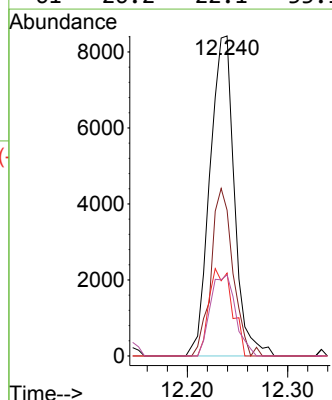
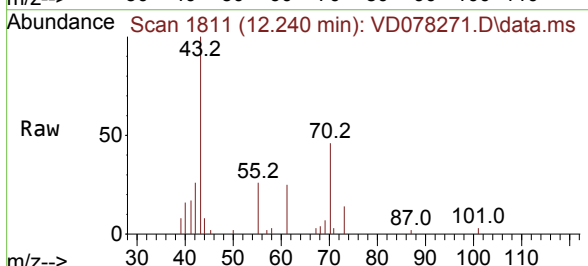
Ion Ratio Lower Upper

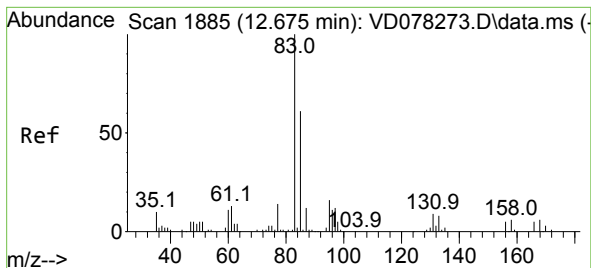
43 100

70 46.8 45.0 67.4

55 25.8 23.8 35.6

61 26.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 11.134 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

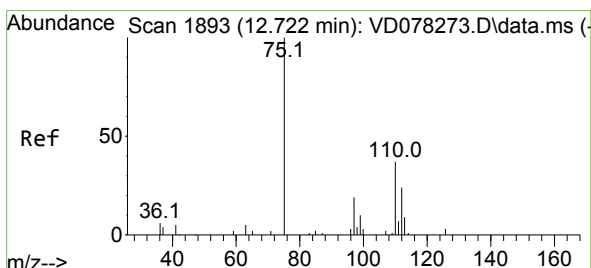
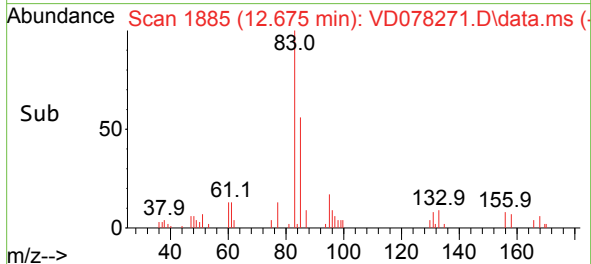
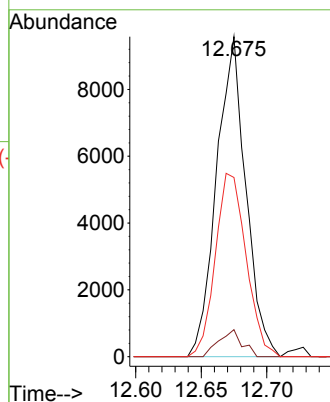
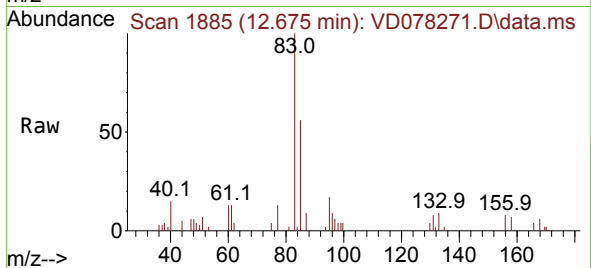
Tgt Ion: 83 Resp: 14850

Ion Ratio Lower Upper

83 100

131 6.7 5.1 15.3

85 60.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 20.336 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078271.D

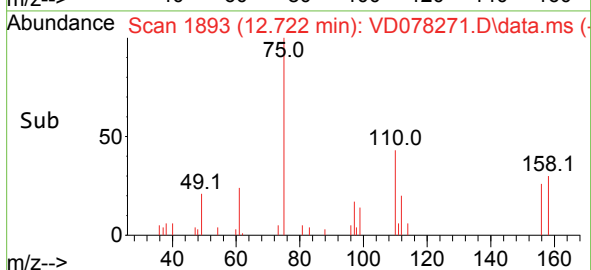
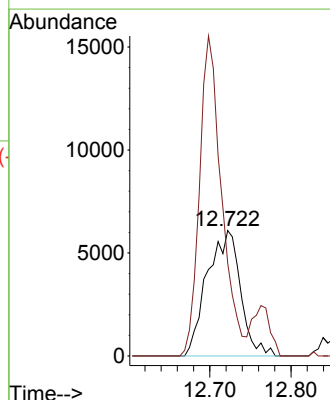
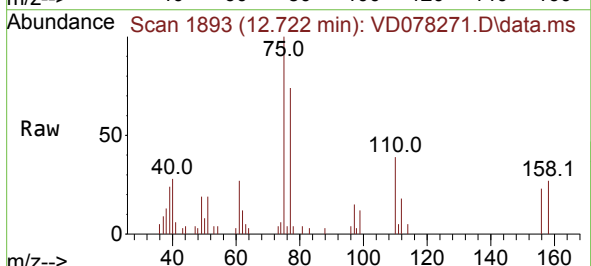
Acq: 30 Jan 2024 10:43

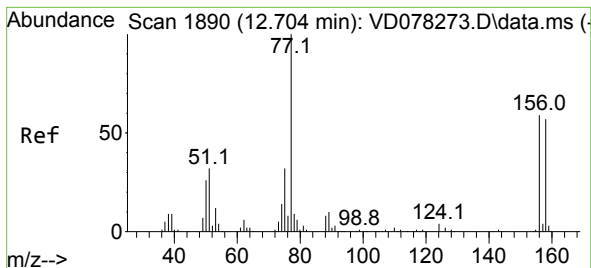
Tgt Ion: 75 Resp: 17351

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.724 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

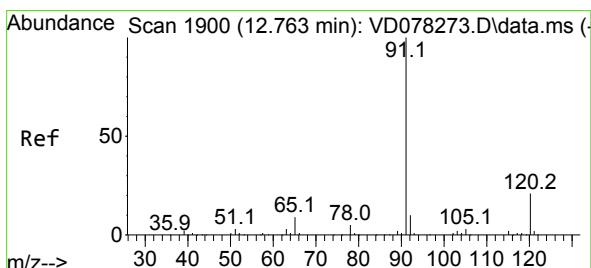
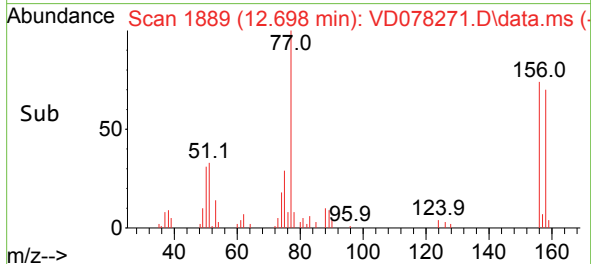
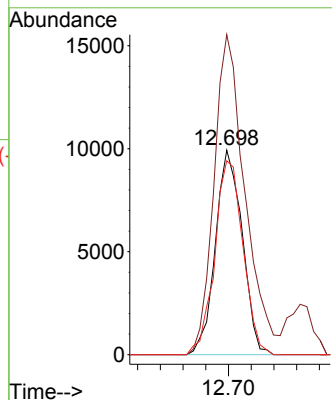
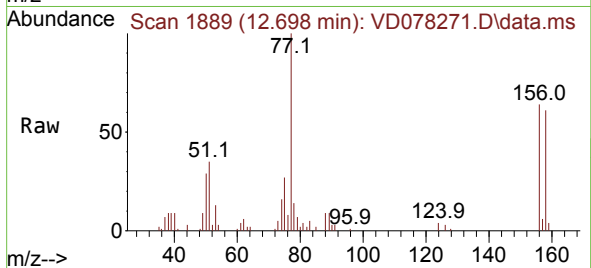
Tgt Ion:156 Resp: 16299

Ion Ratio Lower Upper

156 100

77 181.4 76.8 230.4

158 99.8 48.6 145.9



#78

n-propylbenzene

Concen: 10.443 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078271.D

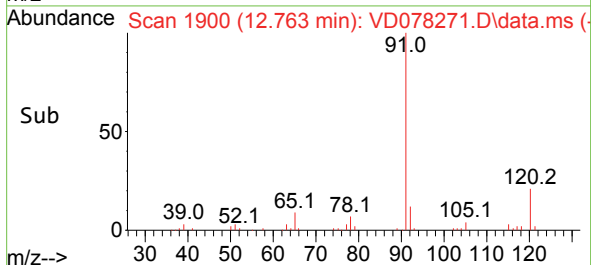
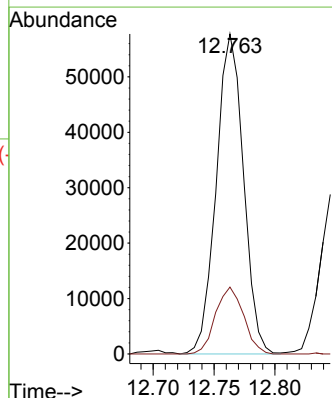
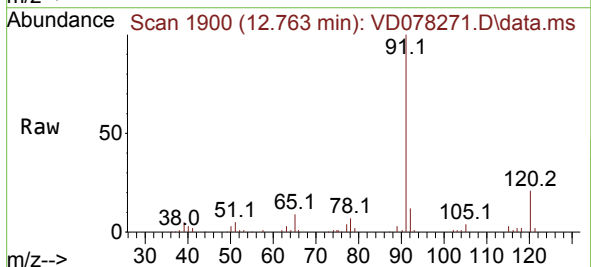
Acq: 30 Jan 2024 10:43

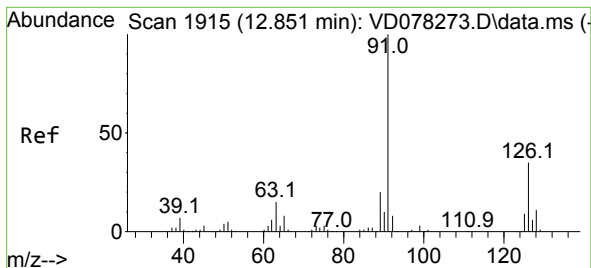
Tgt Ion: 91 Resp: 89850

Ion Ratio Lower Upper

91 100

120 21.5 12.4 37.2





#79

2-Chlorotoluene

Concen: 10.636 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

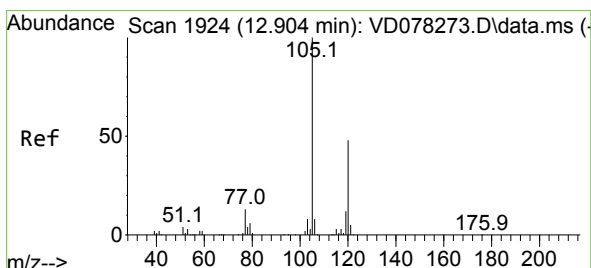
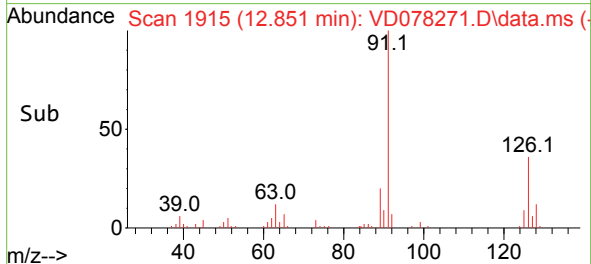
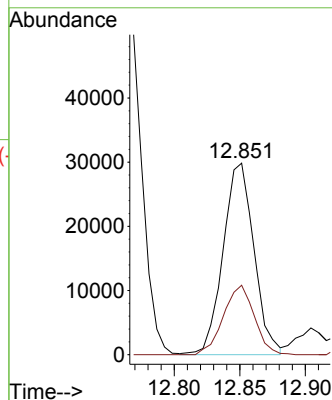
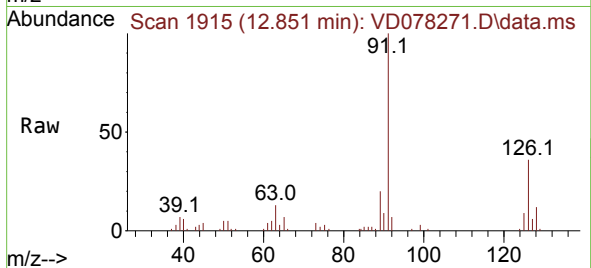
VSTDIC010

Tgt Ion: 91 Resp: 48984

Ion Ratio Lower Upper

91 100

126 36.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 10.382 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078271.D

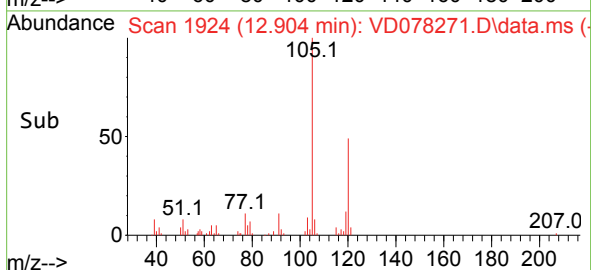
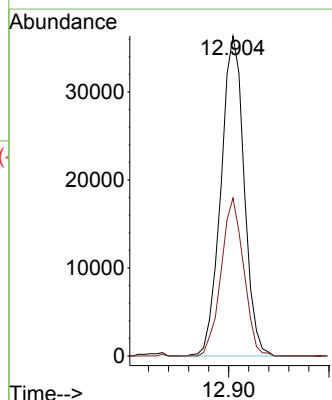
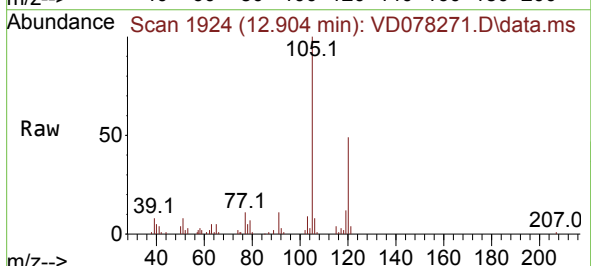
Acq: 30 Jan 2024 10:43

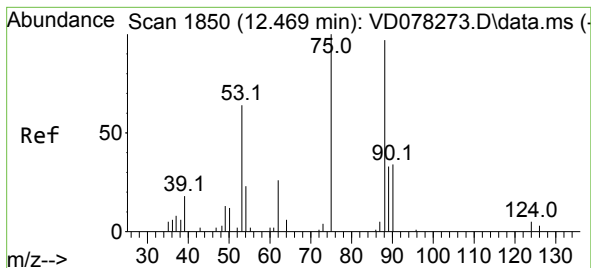
Tgt Ion: 105 Resp: 58336

Ion Ratio Lower Upper

105 100

120 47.9 26.4 79.2

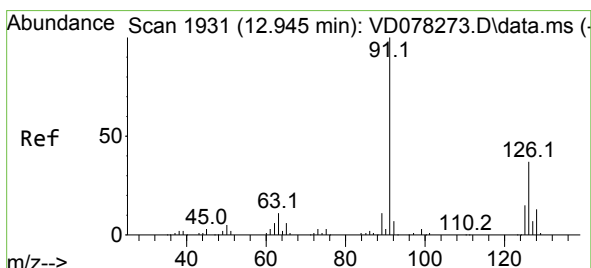
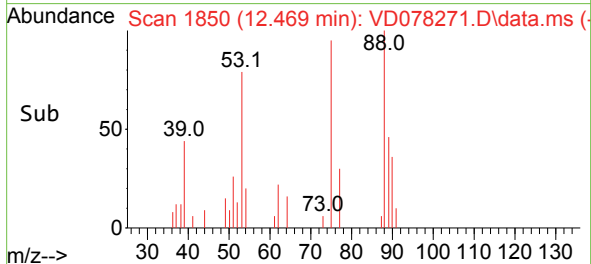
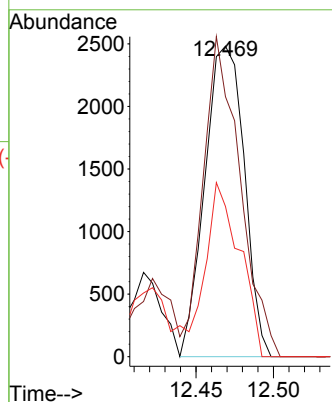
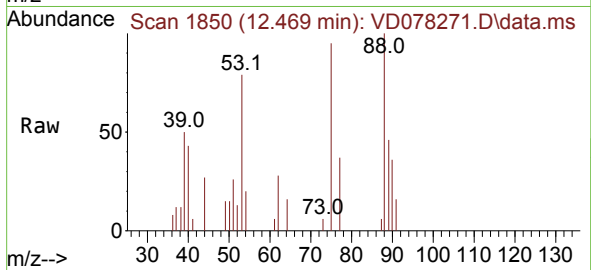




#81
trans-1,4-Dichloro-2-butene
Concen: 10.235 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

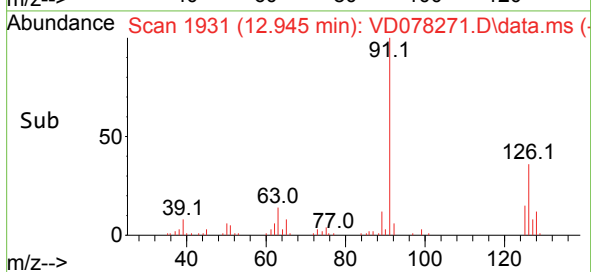
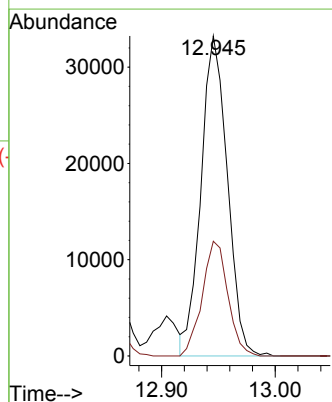
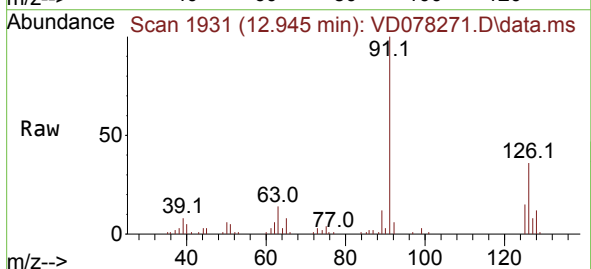
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

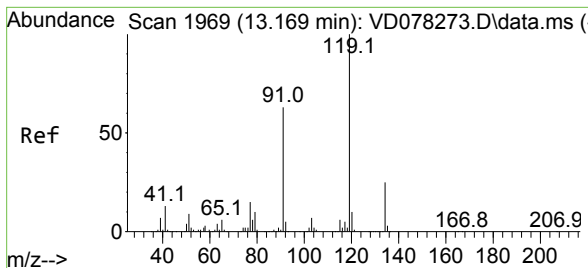
Tgt Ion: 75 Resp: 4391
Ion Ratio Lower Upper
75 100
53 96.2 63.0 94.4#
89 47.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 10.903 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 91 Resp: 53536
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 10.225 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

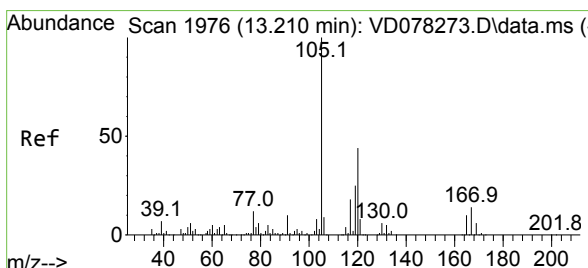
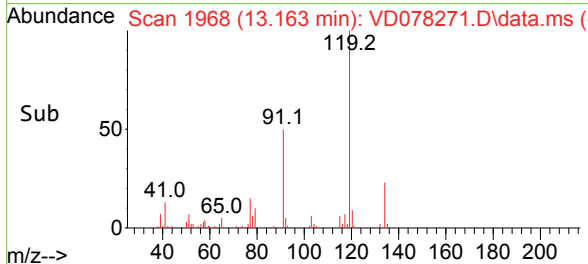
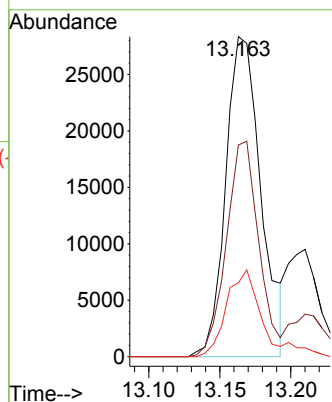
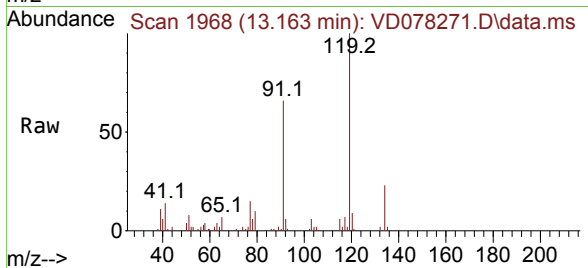
Tgt Ion:119 Resp: 49024

Ion Ratio Lower Upper

119 100

91 62.0 29.3 87.8

134 27.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 9.933 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078271.D

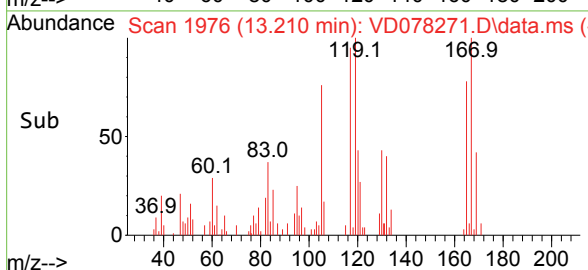
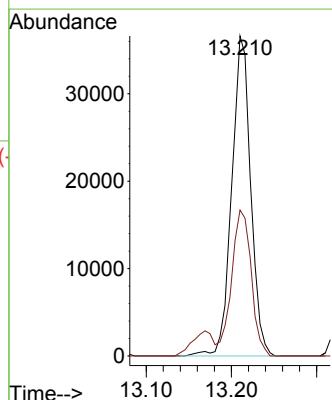
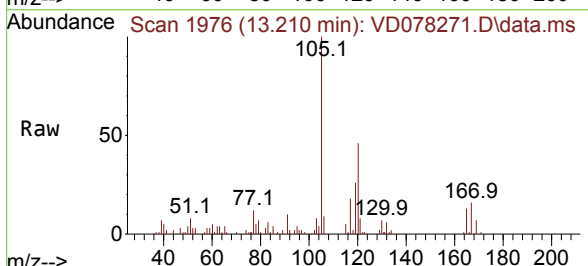
Acq: 30 Jan 2024 10:43

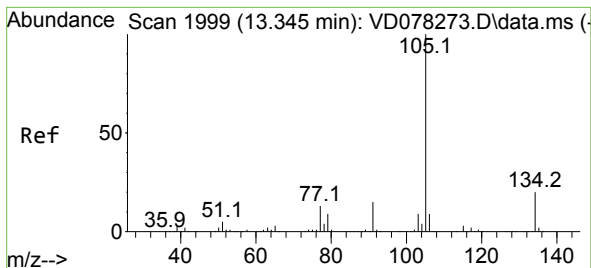
Tgt Ion:105 Resp: 56467

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 10.550 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

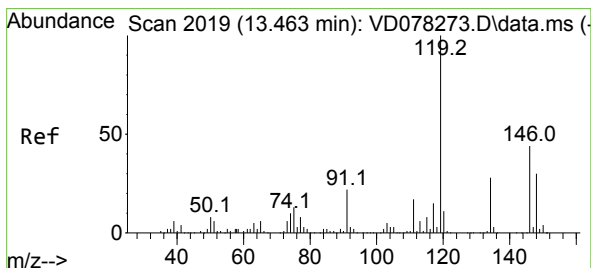
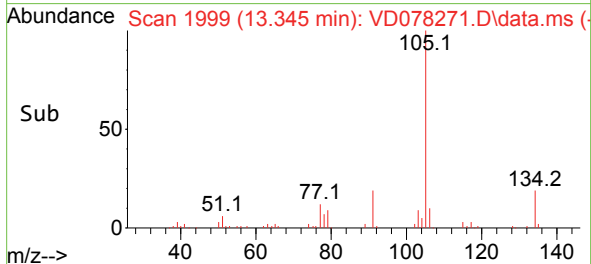
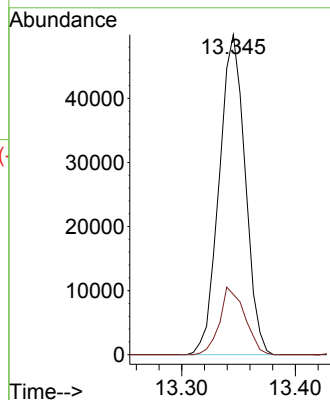
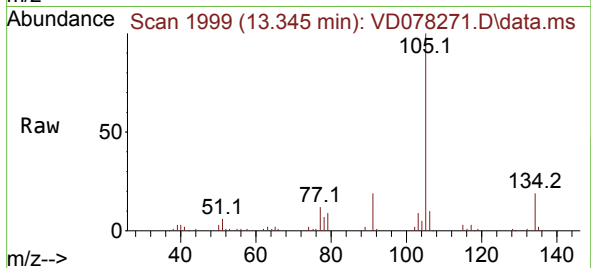
VSTDIC010

Tgt Ion:105 Resp: 79381

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 10.167 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

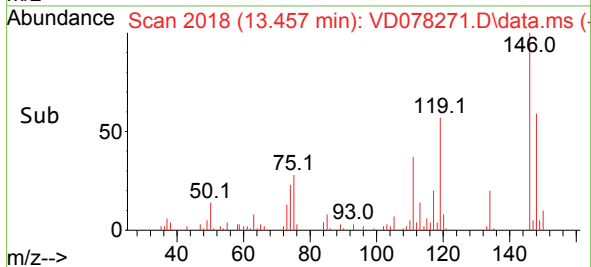
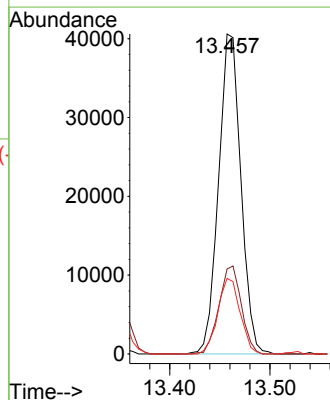
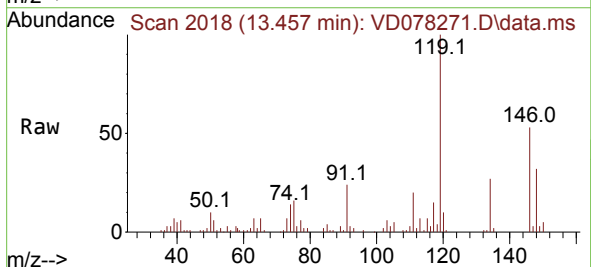
Tgt Ion:119 Resp: 62661

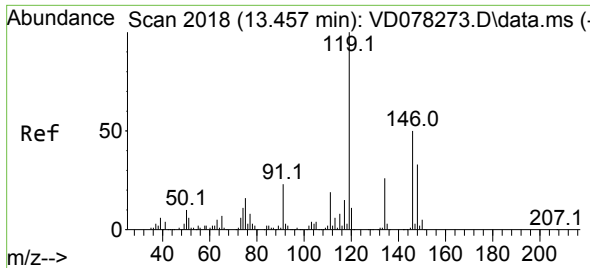
Ion Ratio Lower Upper

119 100

134 27.6 14.2 42.6

91 23.6 10.5 31.5

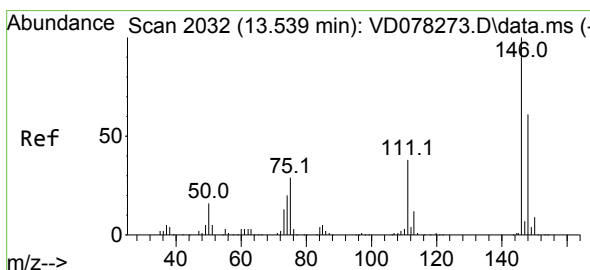
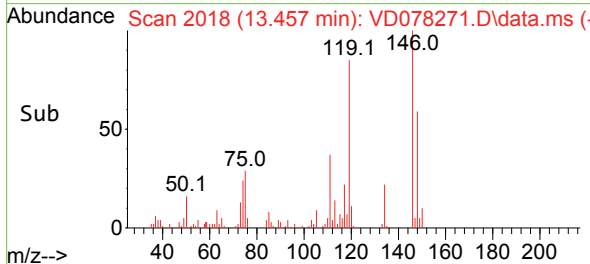
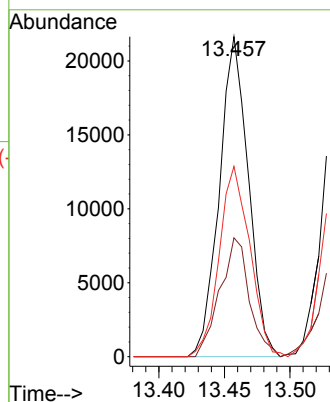
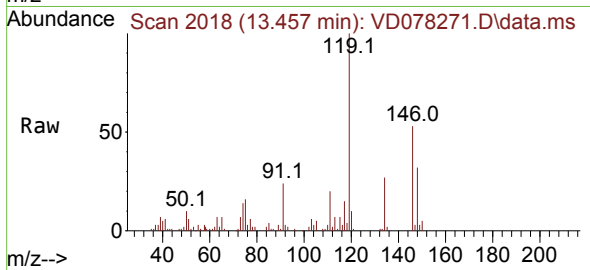




#87
1,3-Dichlorobenzene
Concen: 10.534 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

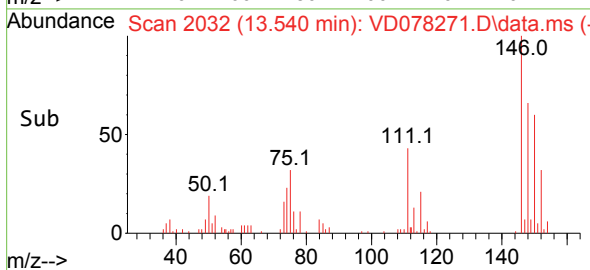
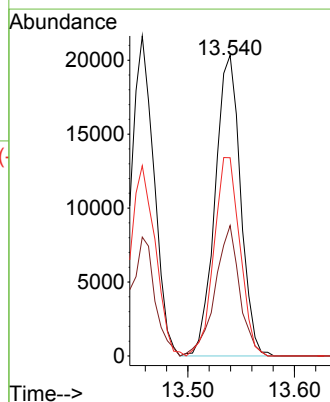
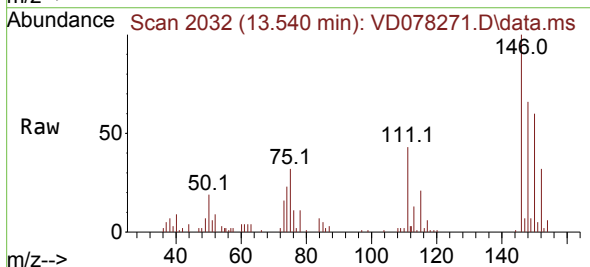
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

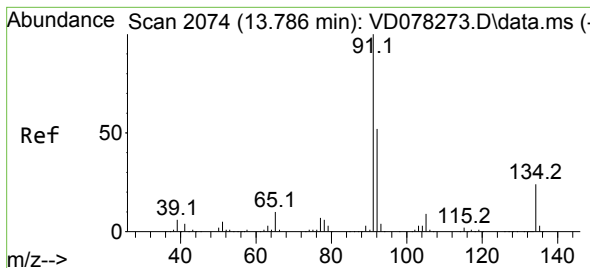
Tgt Ion:146 Resp: 33263
Ion Ratio Lower Upper
146 100
111 37.8 17.9 53.8
148 62.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 10.782 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion:146 Resp: 33683
Ion Ratio Lower Upper
146 100
111 42.0 17.4 52.3
148 67.4 31.7 95.1





#89

n-Butylbenzene

Concen: 10.368 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

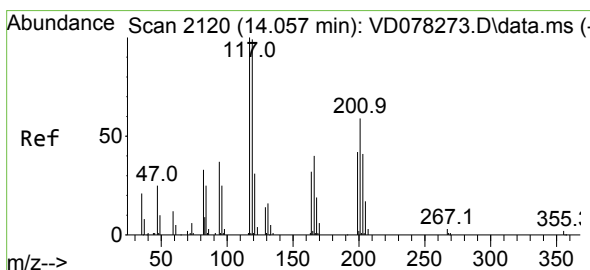
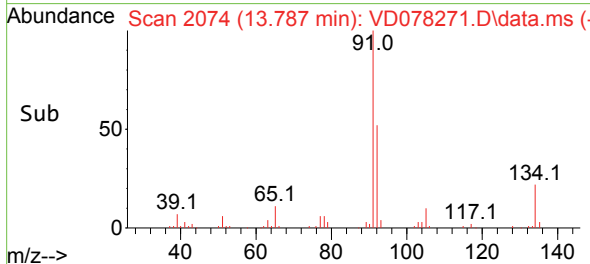
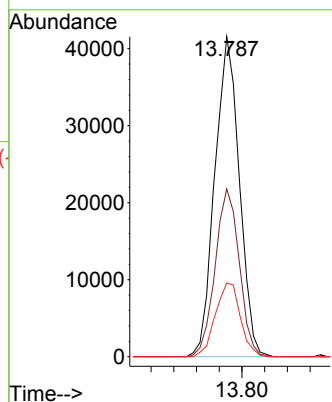
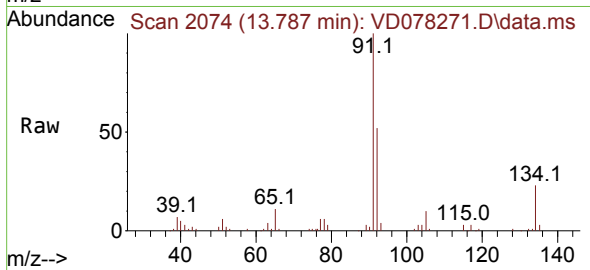
Tgt Ion: 91 Resp: 62262

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 23.4 13.8 41.3



#90

Hexachloroethane

Concen: 10.759 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD078271.D

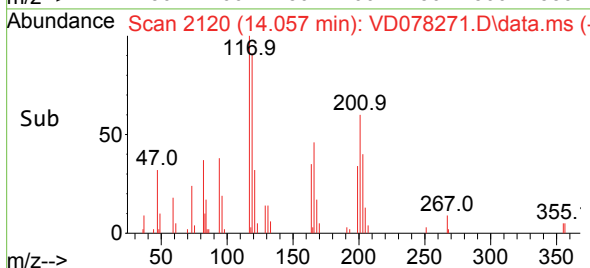
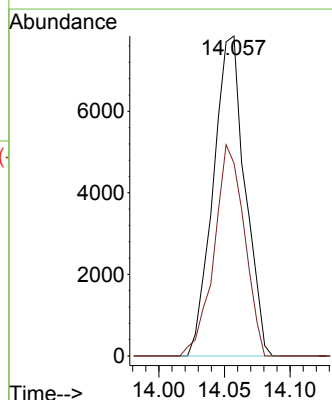
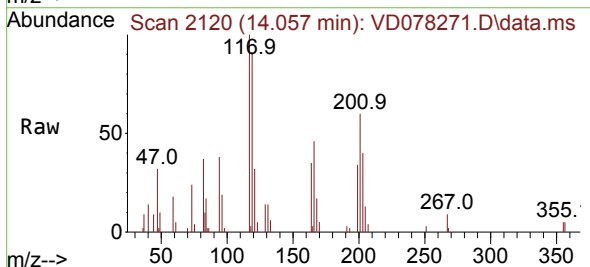
Acq: 30 Jan 2024 10:43

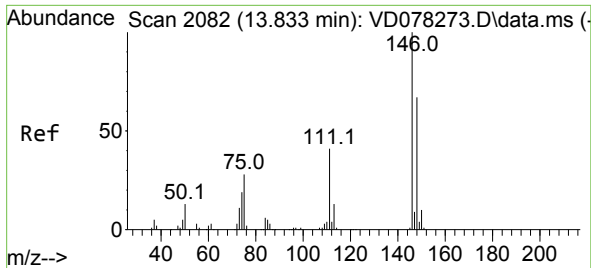
Tgt Ion: 117 Resp: 13244

Ion Ratio Lower Upper

117 100

201 62.7 38.5 115.5

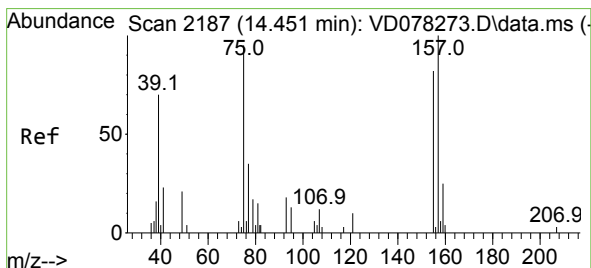
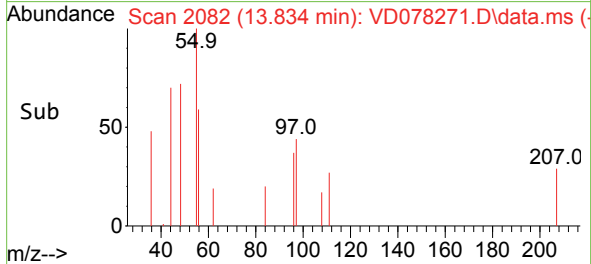
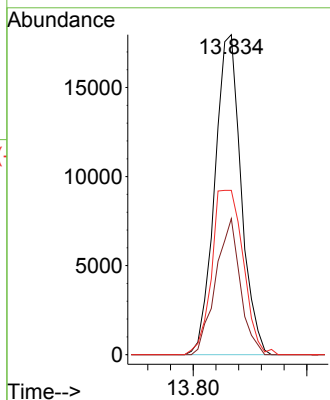
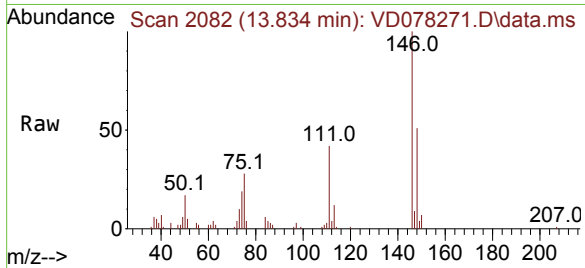




#91
1,2-Dichlorobenzene
Concen: 10.707 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

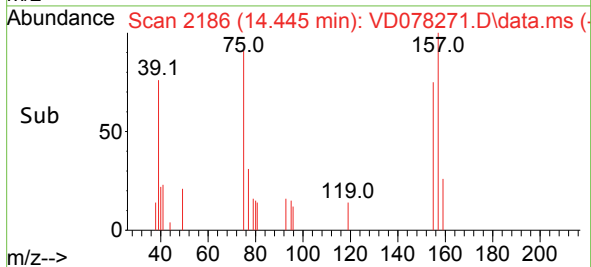
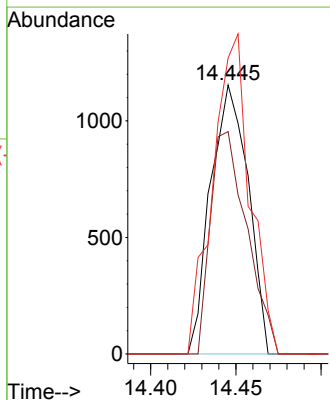
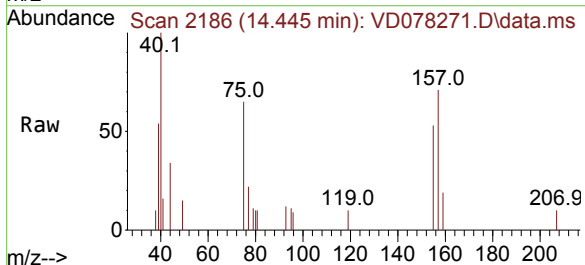
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

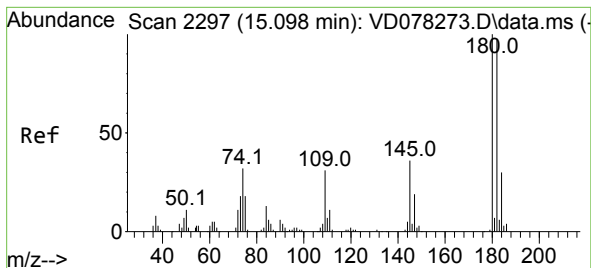
Tgt Ion:146 Resp: 28924
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 61.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.472 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078271.D
Acq: 30 Jan 2024 10:43

Tgt Ion: 75 Resp: 1771
Ion Ratio Lower Upper
75 100
155 80.1 47.9 143.8
157 117.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 10.163 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

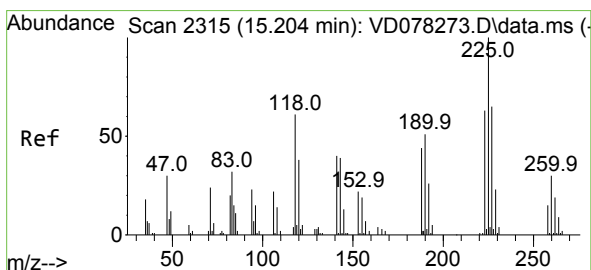
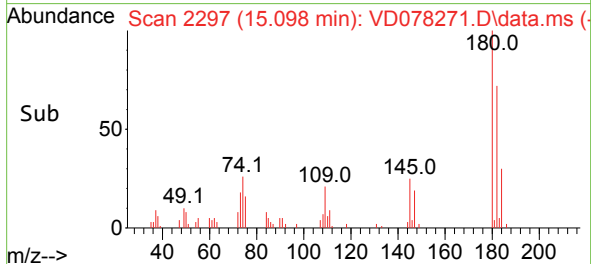
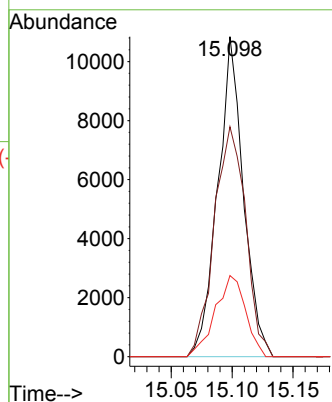
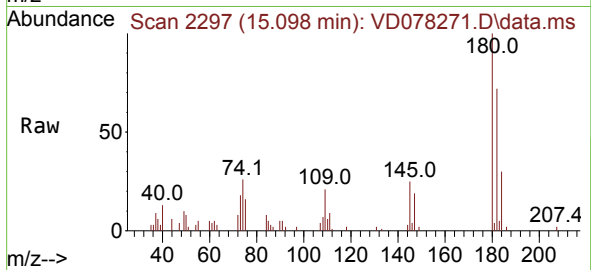
Tgt Ion:180 Resp: 15880

Ion Ratio Lower Upper

180 100

182 87.9 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 10.824 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

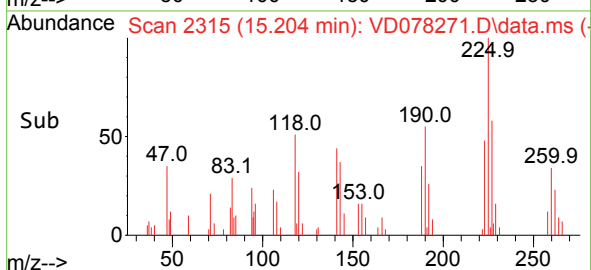
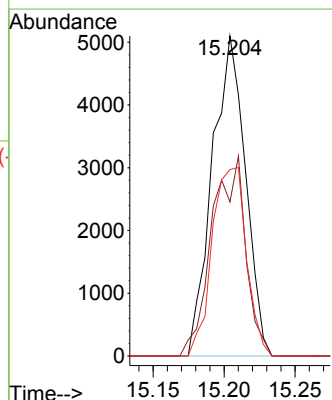
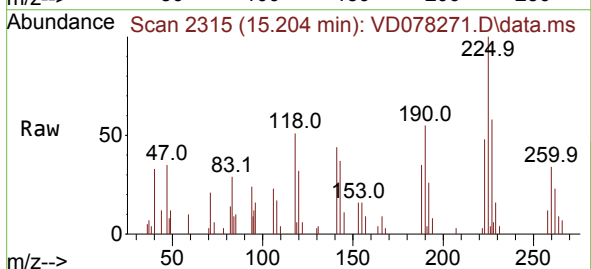
Tgt Ion:225 Resp: 8287

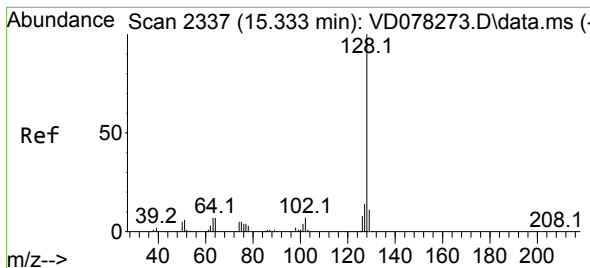
Ion Ratio Lower Upper

225 100

223 63.4 31.6 94.8

227 60.7 31.7 95.1





#95

Naphthalene

Concen: 9.144 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

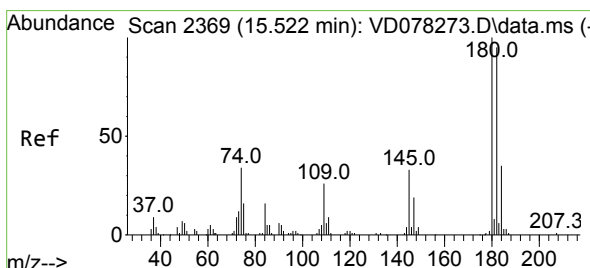
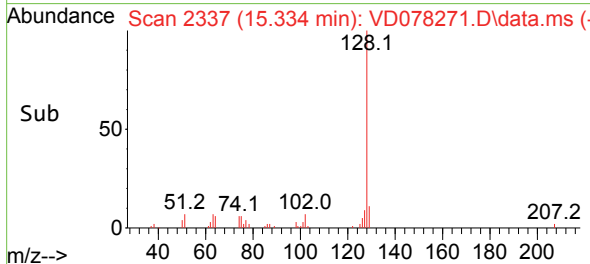
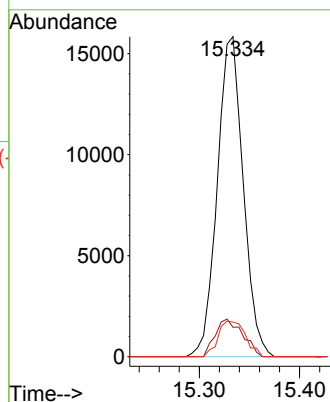
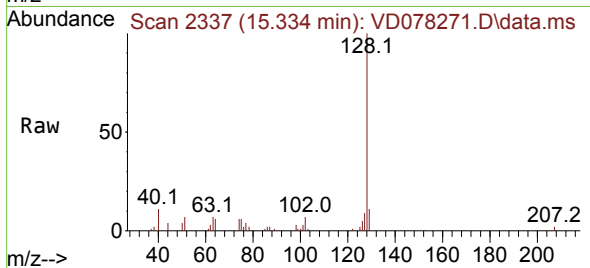
Tgt Ion:128 Resp: 28486

Ion Ratio Lower Upper

128 100

127 9.2 10.5 15.7#

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.846 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078271.D

Acq: 30 Jan 2024 10:43

Tgt Ion:180 Resp: 13546

Ion Ratio Lower Upper

180 100

182 89.3 47.3 141.9

145 33.2 15.1 45.3

