

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078400.D
 Acq On : 13 Feb 2024 11:26
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 14 00:49:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	254345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33877	21.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.700%#
35) Dibromofluoromethane	7.804	113	35281	21.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.680%#
50) Toluene-d8	10.269	98	134816	20.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.720%#
62) 4-Bromofluorobenzene	12.575	95	39668	21.091	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27731	19.626	ug/l	97
3) Chloromethane	2.152	50	56277	21.673	ug/l	98
4) Vinyl Chloride	2.281	62	84812	21.404	ug/l	99
5) Bromomethane	2.681	94	55832	20.414	ug/l	99
6) Chloroethane	2.834	64	64186	22.215	ug/l	96
7) Trichlorofluoromethane	3.175	101	56965	21.312	ug/l	92
8) Diethyl Ether	3.593	74	17035	22.127	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	36038	21.372	ug/l	97
10) Methyl Iodide	4.164	142	32663	21.627	ug/l #	89
11) Tert butyl alcohol	5.069	59	10778	125.435	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	33247	21.267	ug/l	92
13) Acrolein	3.805	56	16178	112.938	ug/l	93
14) Allyl chloride	4.558	41	42450	21.980	ug/l	90
15) Acrylonitrile	5.252	53	37897	114.987	ug/l	97
16) Acetone	4.028	43	40453	121.299	ug/l	89
17) Carbon Disulfide	4.269	76	115171	21.894	ug/l	99
18) Methyl Acetate	4.575	43	14995	16.460	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	71058	21.394	ug/l	99
20) Methylene Chloride	4.805	84	42990	22.794	ug/l #	89
21) trans-1,2-Dichloroethene	5.316	96	39261	21.348	ug/l	94
22) Diisopropyl ether	6.222	45	94496	22.200	ug/l	93
23) Vinyl Acetate	6.158	43	288334	152.482	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	65639	21.768	ug/l	98
25) 2-Butanone	7.081	43	51851	124.285	ug/l	90
26) 2,2-Dichloropropane	7.069	77	53685	21.237	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	42560	21.093	ug/l	92
28) Bromochloromethane	7.428	49	28580	23.929	ug/l #	78
29) Tetrahydrofuran	7.452	42	25815	111.950	ug/l	86
30) Chloroform	7.599	83	68666	21.522	ug/l	89
31) Cyclohexane	7.875	56	54273	20.692	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	58404	21.471	ug/l	99
36) 1,1-Dichloropropene	8.010	75	53422	21.285	ug/l #	63
37) Ethyl Acetate	7.175	43	20654	23.475	ug/l #	92
38) Carbon Tetrachloride	7.987	117	51820	20.848	ug/l	96
39) Methylcyclohexane	9.275	83	59387	19.931	ug/l	91
40) Benzene	8.252	78	153908	21.215	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9539	20.832	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	39908	21.260	ug/l	95
43) Isopropyl Acetate	8.357	43	36442	22.368	ug/l	93
44) Trichloroethene	9.028	130	38401	20.748	ug/l	83
45) 1,2-Dichloropropane	9.304	63	39754	22.334	ug/l	98
46) Dibromomethane	9.393	93	21134	21.109	ug/l	88
47) Bromodichloromethane	9.587	83	52830	21.305	ug/l	99
48) Methyl methacrylate	9.387	41	16892	19.543	ug/l #	78
49) 1,4-Dioxane	9.393	88	4896	451.565	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	96322	111.393	ug/l	90
52) Toluene	10.334	92	94933	20.693	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	47926	21.181	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	59257	21.597	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	28176	20.898	ug/l	92
56) Ethyl methacrylate	10.598	69	30135	24.167	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	47949	20.906	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	76747	104.487	ug/l	93
59) 2-Hexanone	10.922	43	76273	117.373	ug/l	87
60) Dibromochloromethane	11.075	129	34549	21.298	ug/l	100
61) 1,2-Dibromoethane	11.181	107	26308	20.784	ug/l	99
64) Tetrachloroethene	10.810	164	30382	20.364	ug/l	91
65) Chlorobenzene	11.610	112	100289	21.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35494	20.339	ug/l	98
67) Ethyl Benzene	11.687	91	172635	20.290	ug/l	99
68) m/p-Xylenes	11.793	106	134626	40.564	ug/l	90
69) o-Xylene	12.122	106	61643	20.353	ug/l	89
70) Styrene	12.134	104	107370	21.722	ug/l	97
71) Bromoform	12.298	173	18318	19.943	ug/l #	99
73) Isopropylbenzene	12.422	105	159668	20.735	ug/l	94
74) N-amyl acetate	12.234	43	33900	23.270	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	33114	21.678	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	39442	40.406	ug/l #	100
77) Bromobenzene	12.704	156	36316	20.067	ug/l	80
78) n-propylbenzene	12.763	91	204982	21.360	ug/l	95
79) 2-Chlorotoluene	12.851	91	110222	21.445	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	133598	20.893	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	10018	21.362	ug/l	91
82) 4-Chlorotoluene	12.945	91	116537	21.111	ug/l	95
83) tert-Butylbenzene	13.169	119	110322	20.458	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	134903	20.788	ug/l	96
85) sec-Butylbenzene	13.345	105	176769	21.137	ug/l	96
86) p-Isopropyltoluene	13.463	119	142534	20.009	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	78059	20.209	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	78709	20.739	ug/l	98
89) n-Butylbenzene	13.787	91	139989	20.389	ug/l	94
90) Hexachloroethane	14.057	117	30199	20.627	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	68877	21.235	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4505	22.523	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	38456	20.174	ug/l	99
94) Hexachlorobutadiene	15.204	225	19929	20.030	ug/l	98
95) Naphthalene	15.334	128	72370	20.469	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	32114	19.878	ug/l	98

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QLast Update : Wed Feb 14 00:36:44 2024
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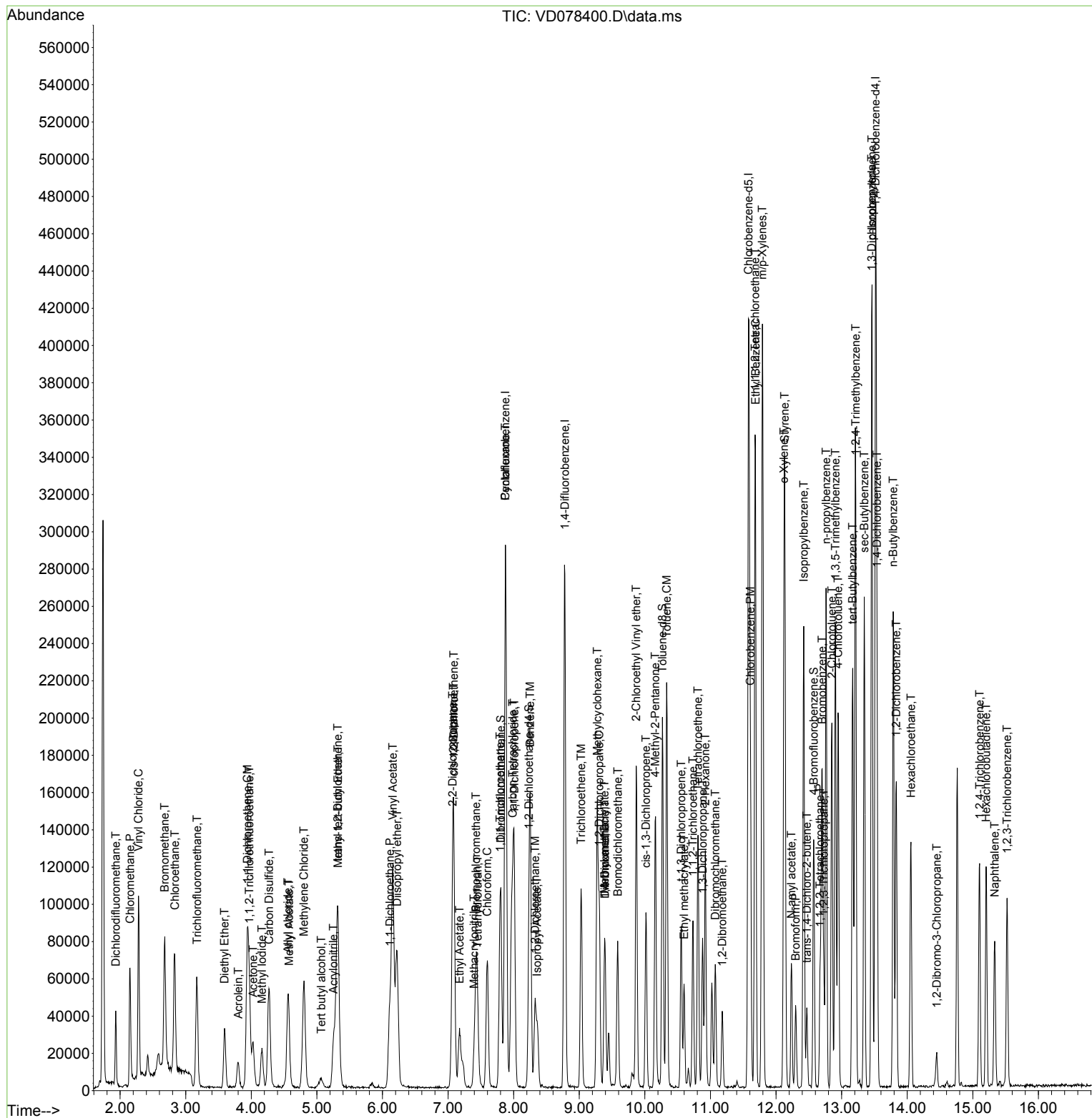
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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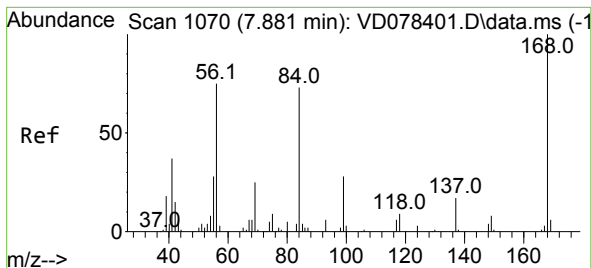
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078400.D

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Instrument :

MSVOA_D

ClientSampleId :

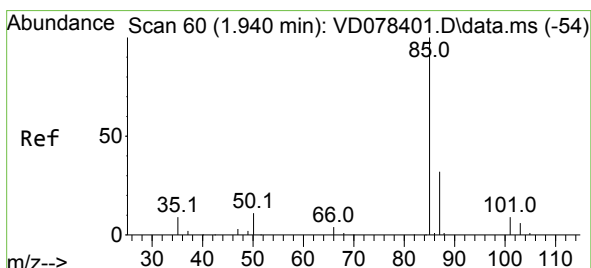
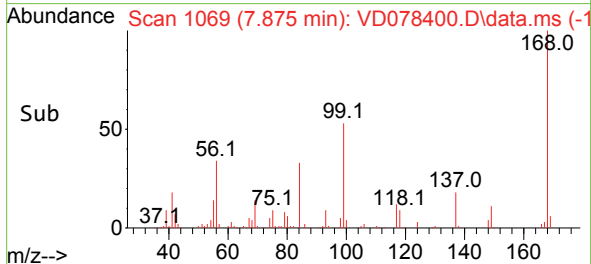
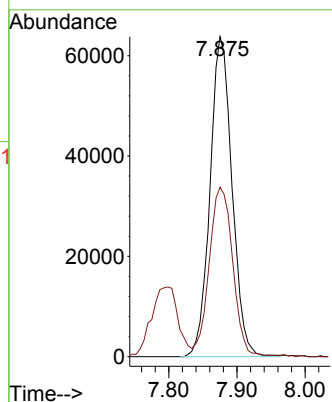
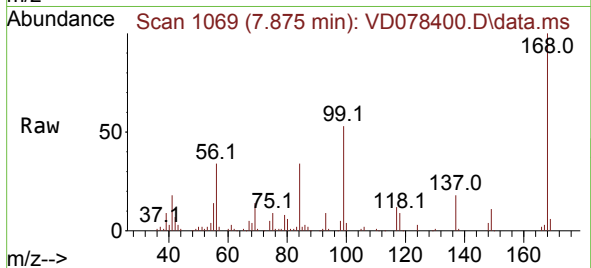
VSTDICC020

Tgt Ion:168 Resp: 143406

Ion Ratio Lower Upper

168 100

99 52.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.626 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078400.D

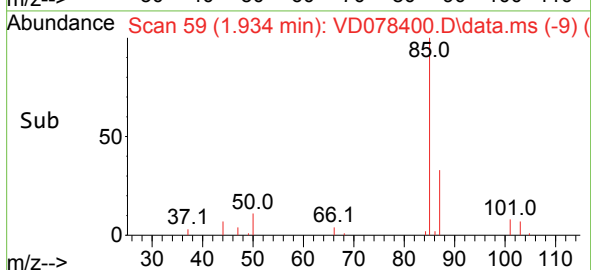
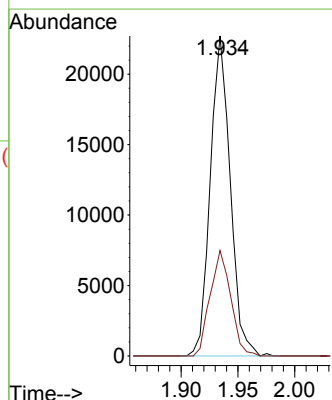
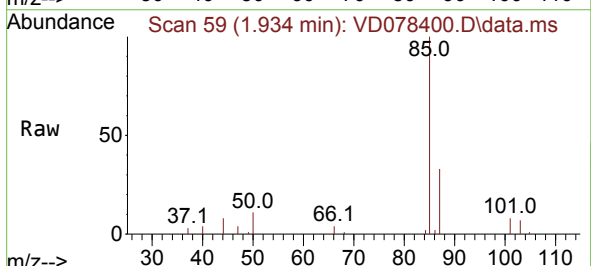
Acq: 13 Feb 2024 11:26

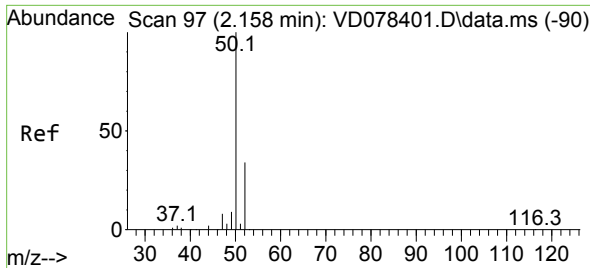
Tgt Ion: 85 Resp: 27731

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.0

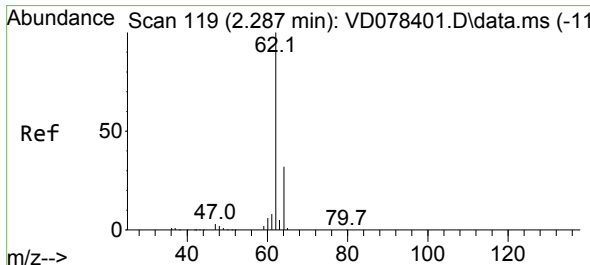
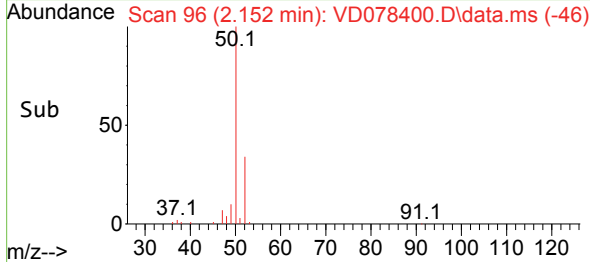
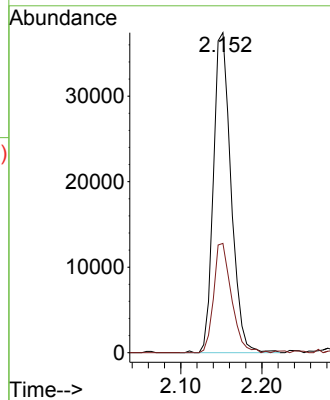
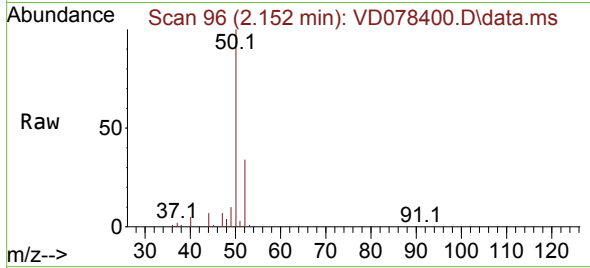




#3
Chloromethane
Concen: 21.673 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078400.D
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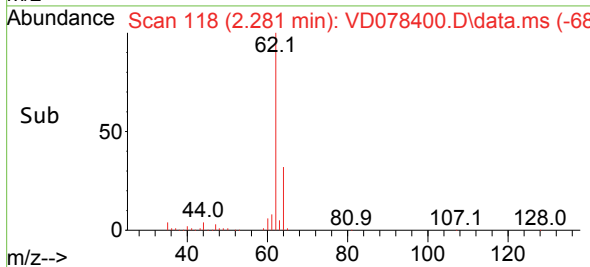
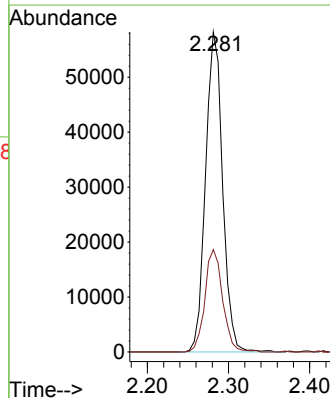
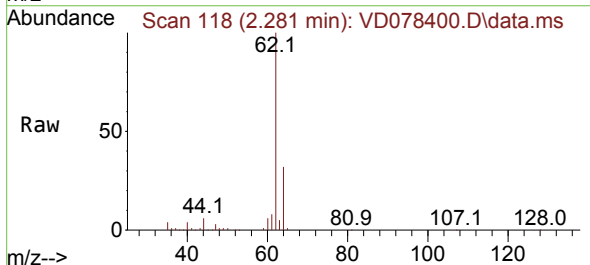
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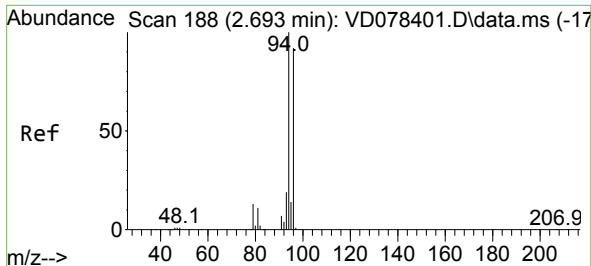
Tgt Ion: 50 Resp: 56277
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 21.404 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 62 Resp: 84812
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

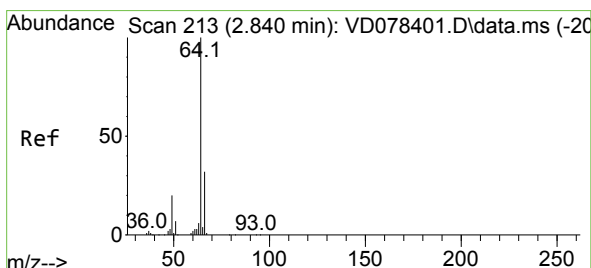
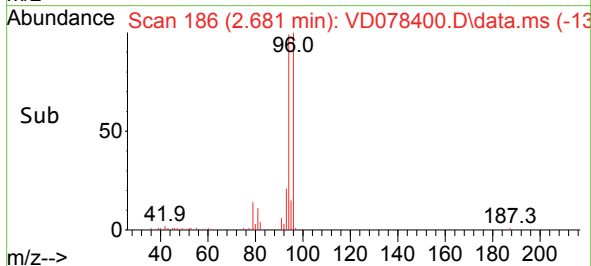
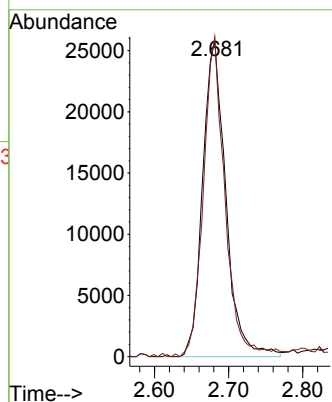
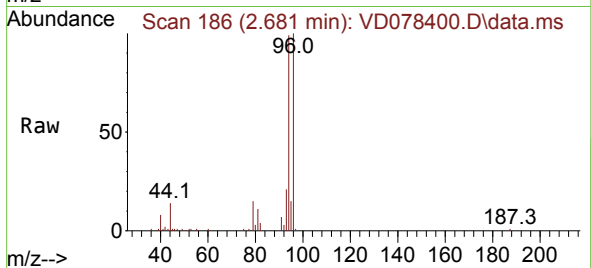




#5
Bromomethane
Concen: 20.414 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078400.D
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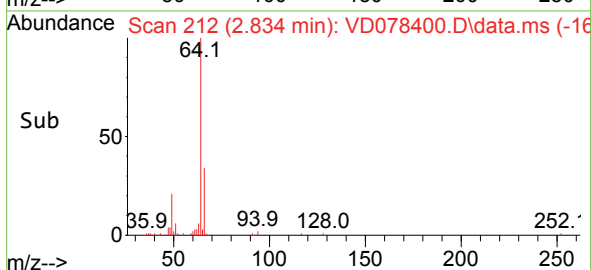
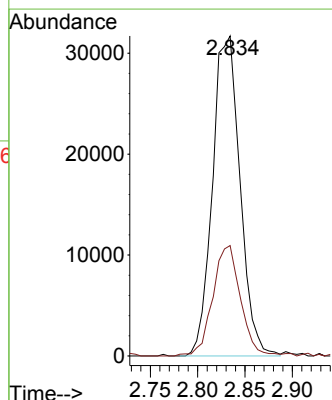
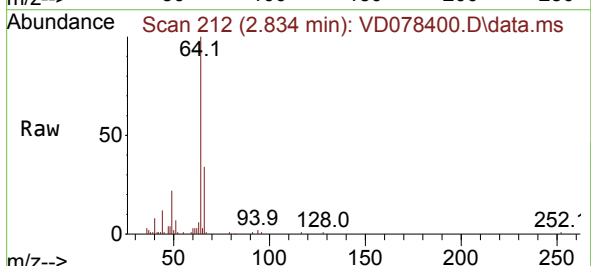
Instrument :
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Tgt Ion: 94 Resp: 55832
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 22.215 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 64 Resp: 64186
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3

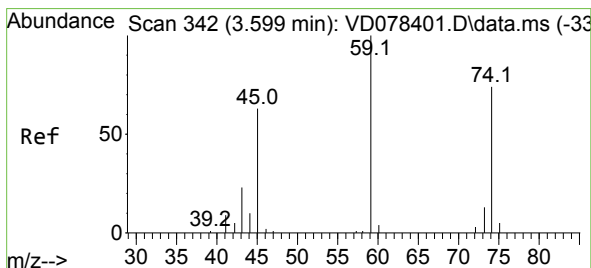
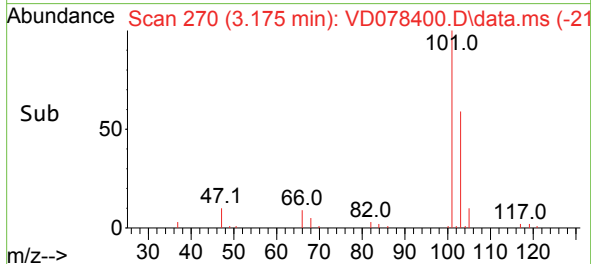
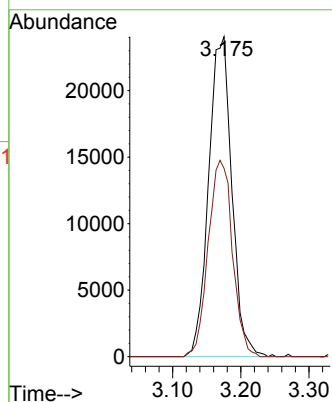
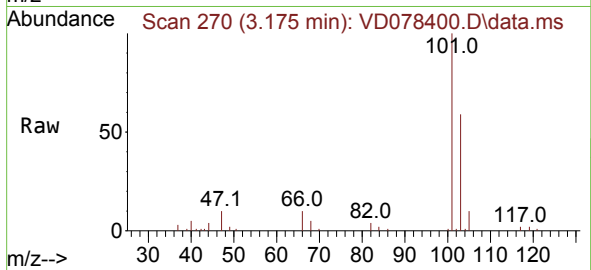




#7
 Trichlorofluoromethane
 Concen: 21.312 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078400.D
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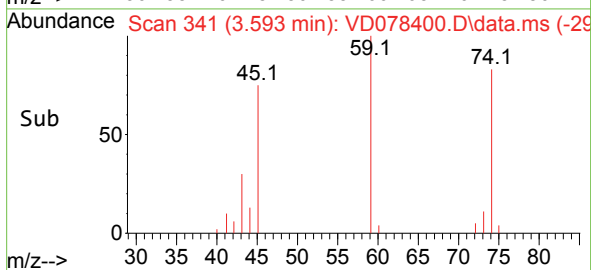
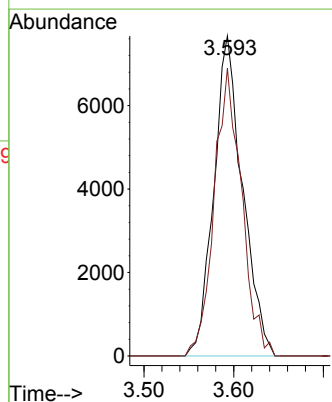
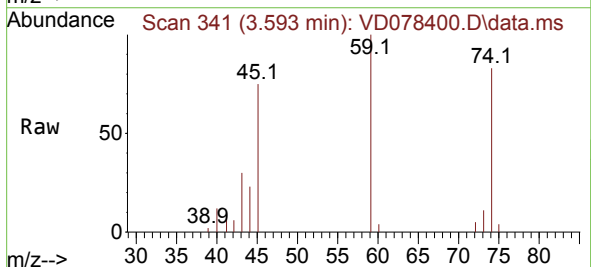
Instrument :
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Tgt Ion:101 Resp: 56965
 Ion Ratio Lower Upper
 101 100
 103 58.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 22.127 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078400.D
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Tgt Ion: 74 Resp: 17035
 Ion Ratio Lower Upper
 74 100
 45 86.0 37.5 112.7

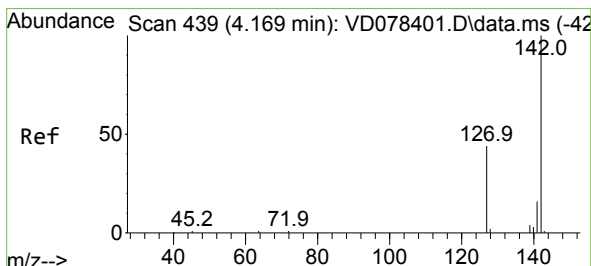
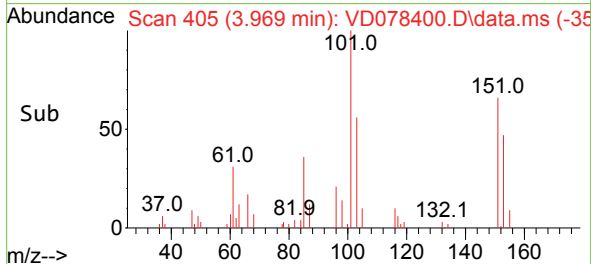
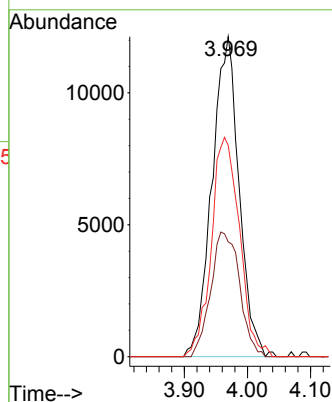
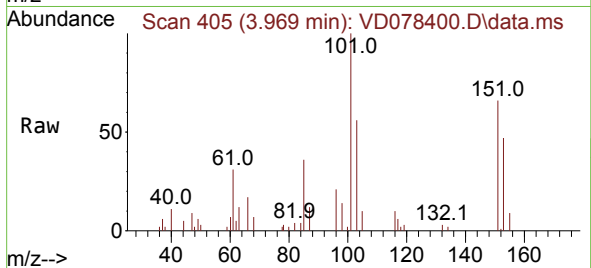




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.372 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

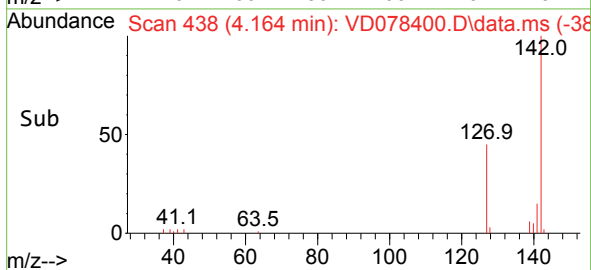
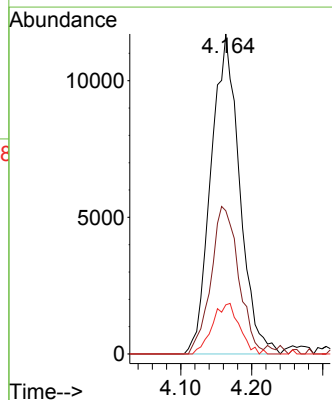
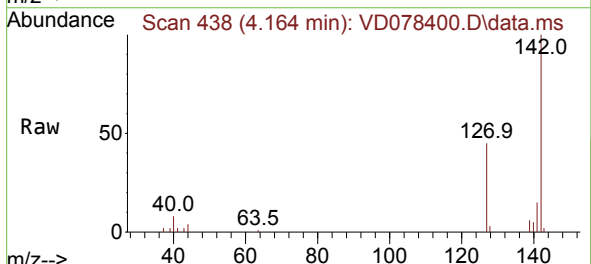
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

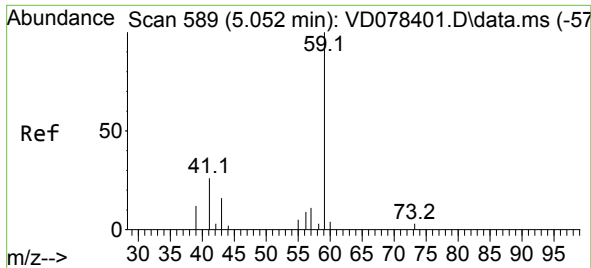
Tgt Ion:101 Resp: 36038
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 71.5 59.8 89.6



#10
Methyl Iodide
Concen: 21.627 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:142 Resp: 32663
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 15.1 11.1 16.7

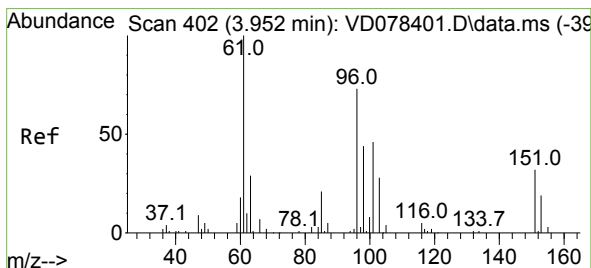
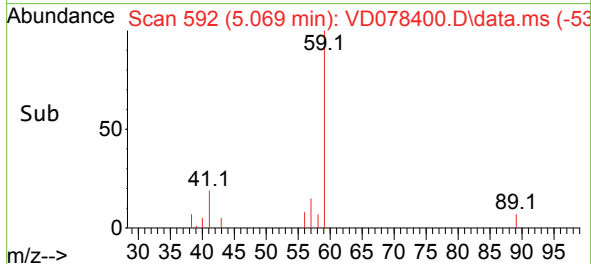
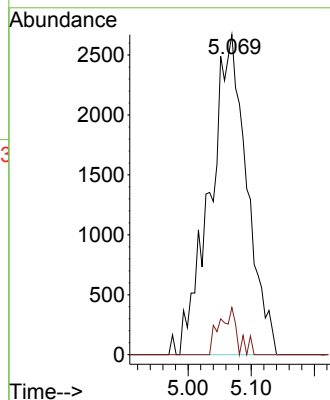
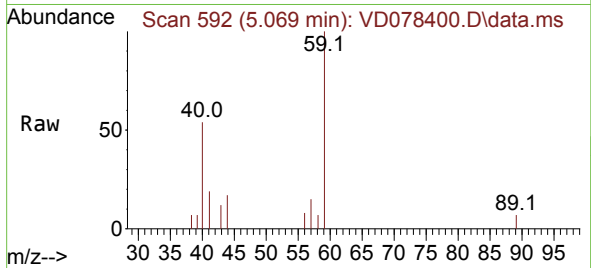




#11
Tert butyl alcohol
Concen: 125.435 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

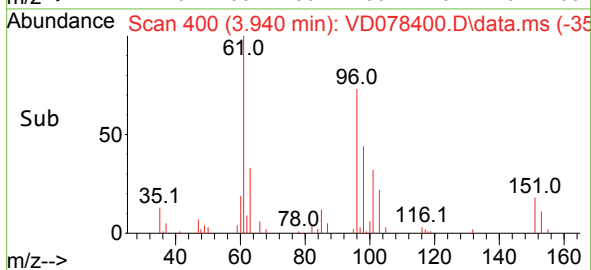
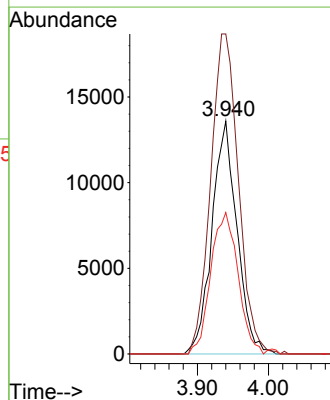
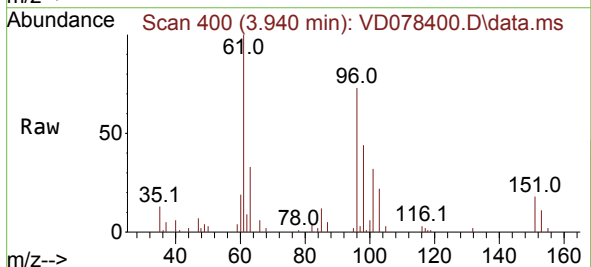
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

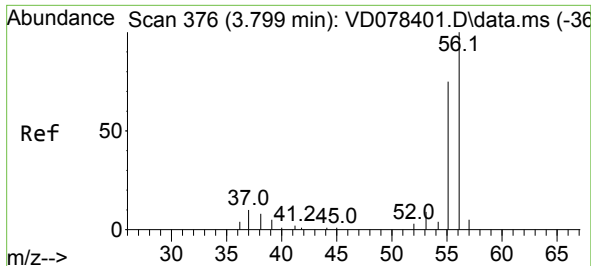
Tgt Ion: 59 Resp: 10778
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.267 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 96 Resp: 33247
Ion Ratio Lower Upper
96 100
61 137.5 100.6 150.8
98 60.8 50.2 75.2

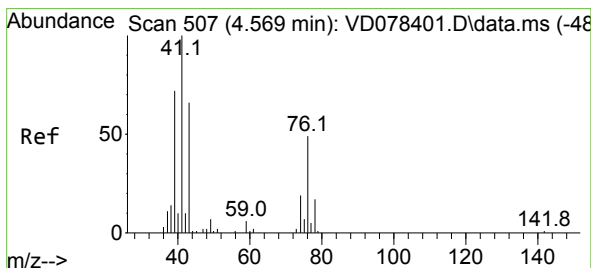
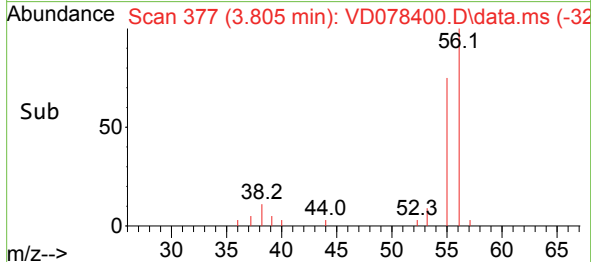
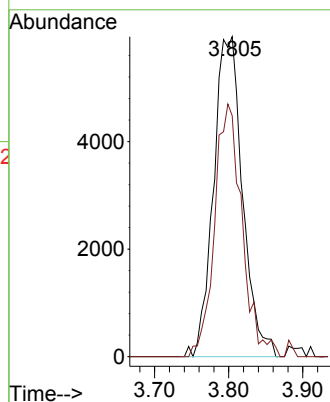
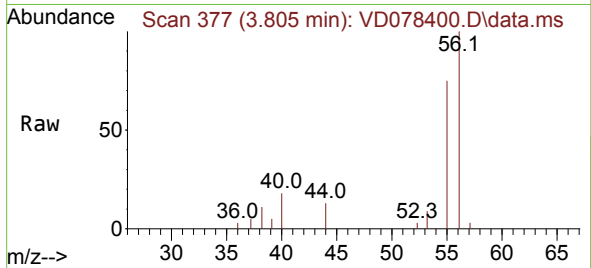




#13
Acrolein
Concen: 112.938 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

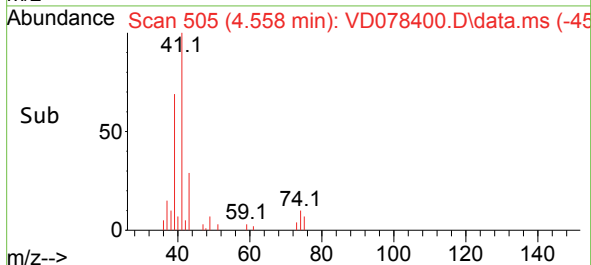
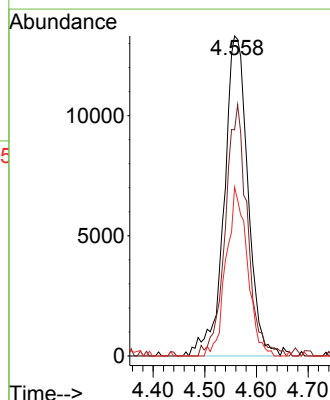
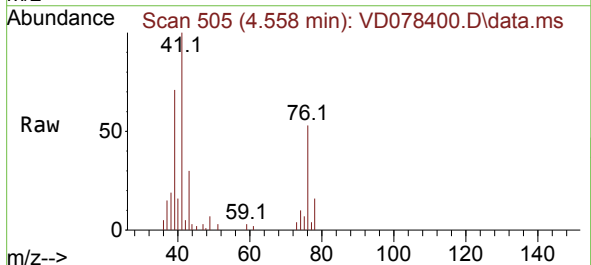
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

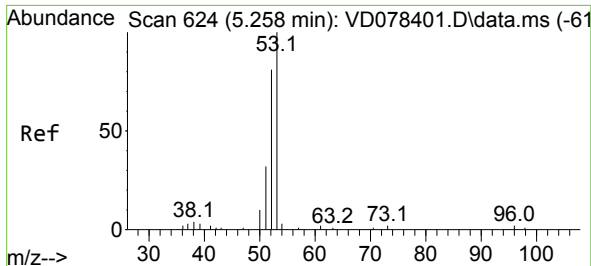
Tgt Ion: 56 Resp: 16178
Ion Ratio Lower Upper
56 100
55 74.4 55.1 82.7



#14
Allyl chloride
Concen: 21.980 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 41 Resp: 42450
Ion Ratio Lower Upper
41 100
39 73.0 53.8 80.6
76 47.1 45.8 68.8

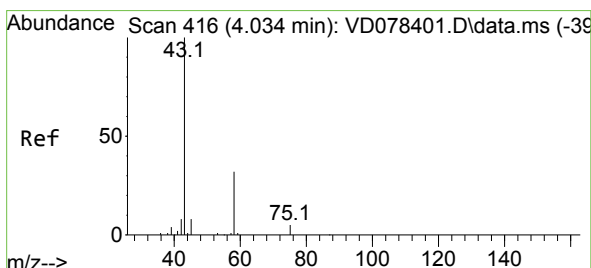
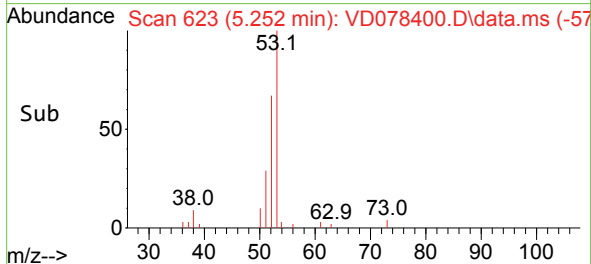
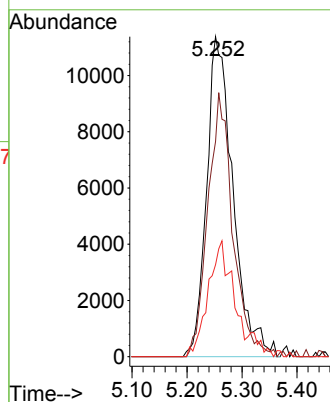
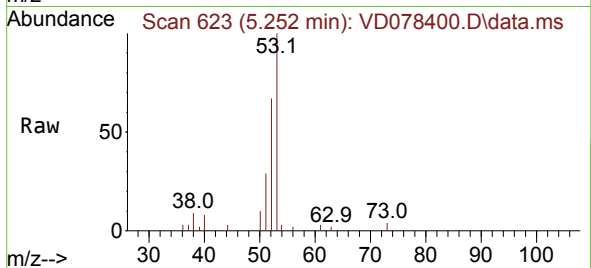




#15
Acrylonitrile
Concen: 114.987 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

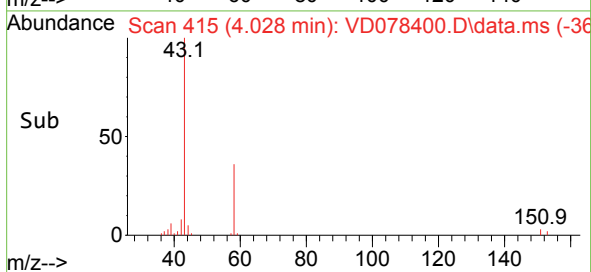
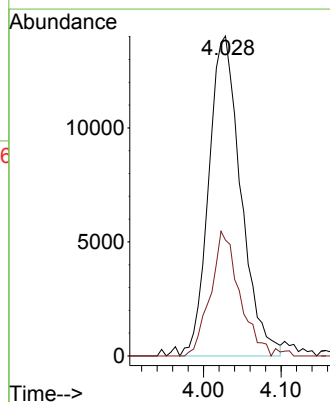
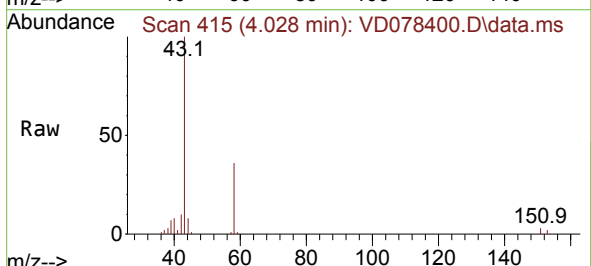
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

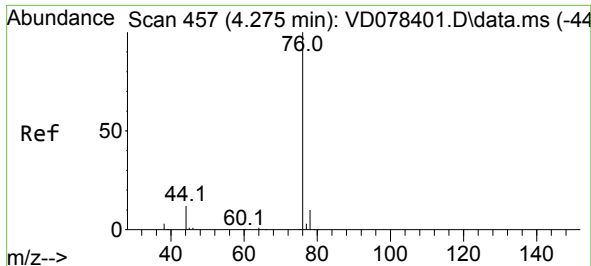
Tgt Ion:	53	Resp:	37897
Ion	Ratio	Lower	Upper
53	100		
52	78.1	65.0	97.4
51	34.2	28.3	42.5



#16
Acetone
Concen: 121.299 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:	43	Resp:	40453
Ion	Ratio	Lower	Upper
43	100		
58	36.2	34.7	52.1

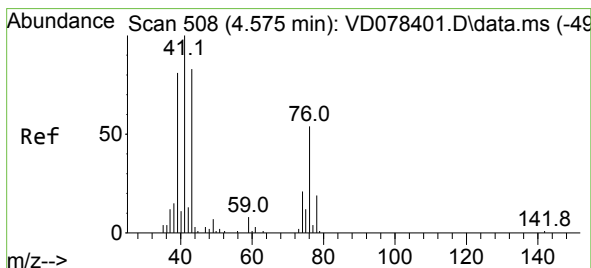
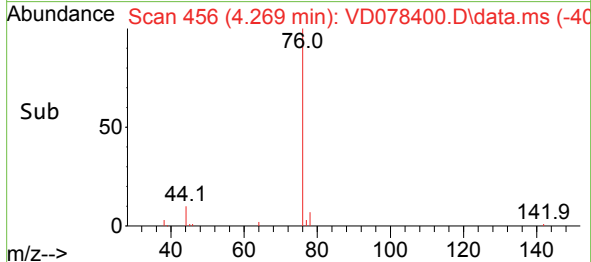
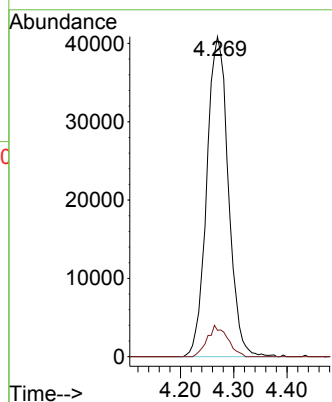
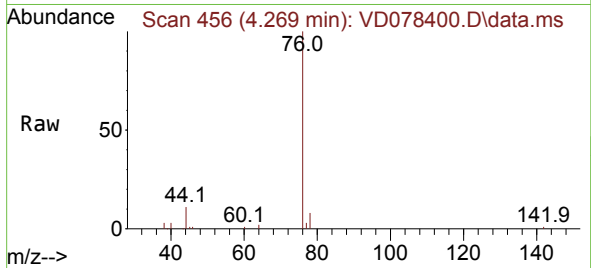




#17
Carbon Disulfide
Concen: 21.894 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

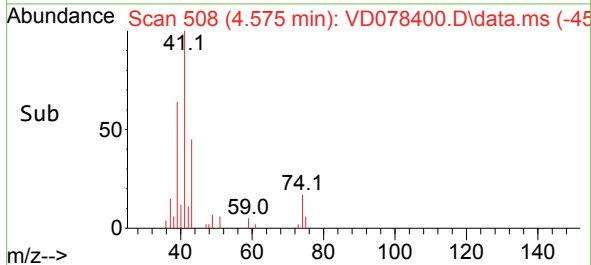
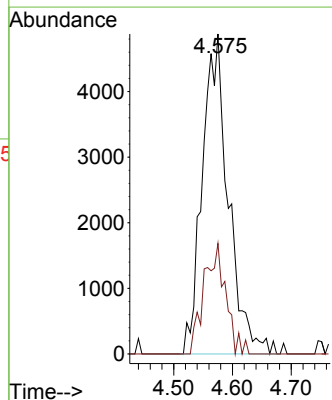
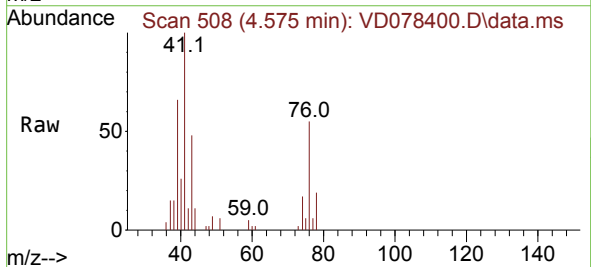
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

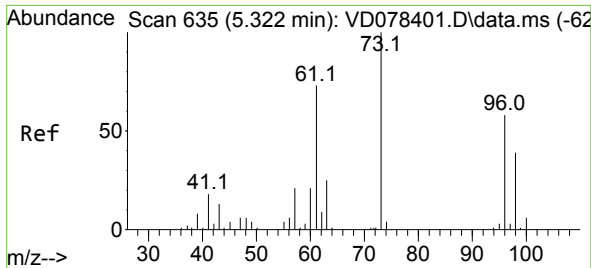
Tgt Ion: 76 Resp: 115171
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 16.460 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 43 Resp: 14995
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6

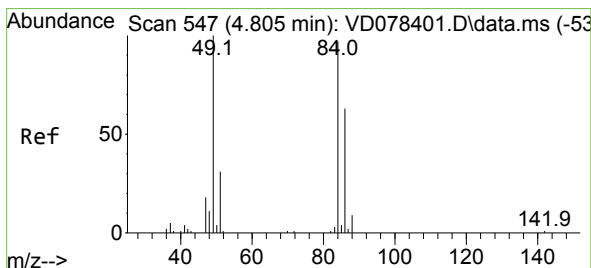
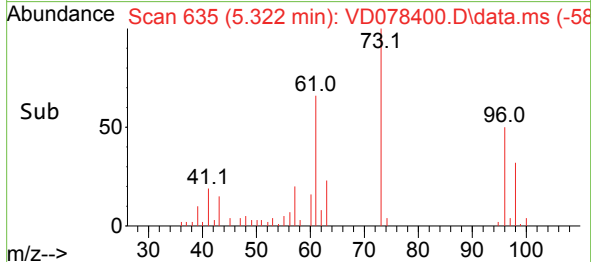
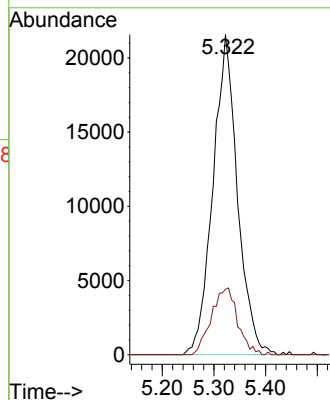
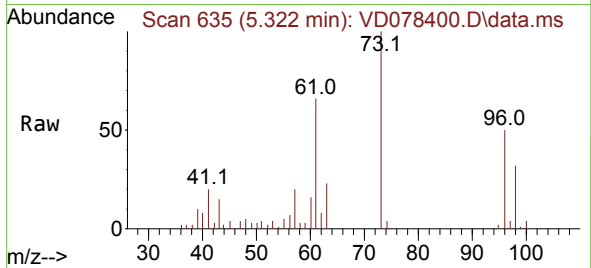




#19
Methyl tert-butyl Ether
Concen: 21.394 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

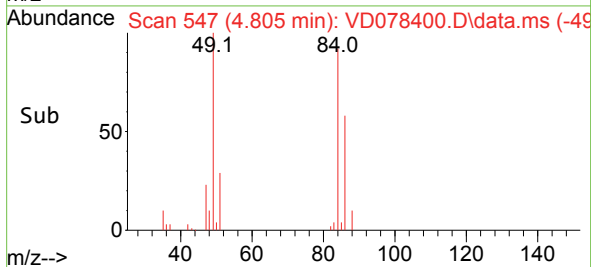
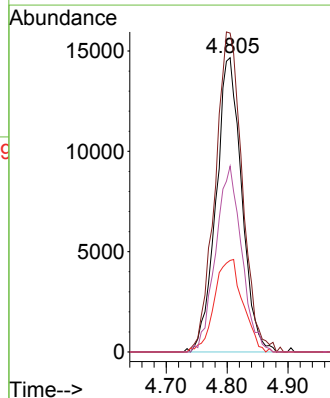
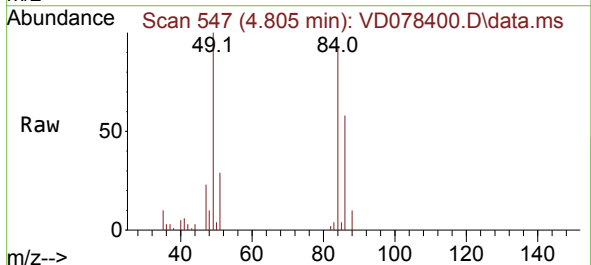
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 71058
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 22.794 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 84 Resp: 42990
Ion Ratio Lower Upper
84 100
49 108.3 71.4 107.2#
51 31.1 24.5 36.7
86 63.1 48.7 73.1

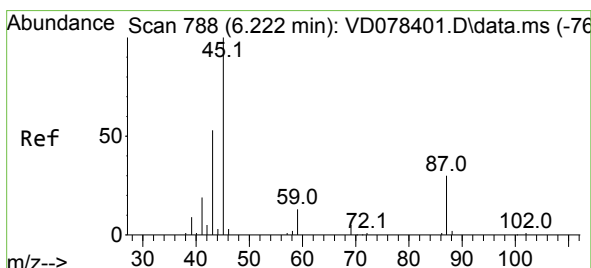
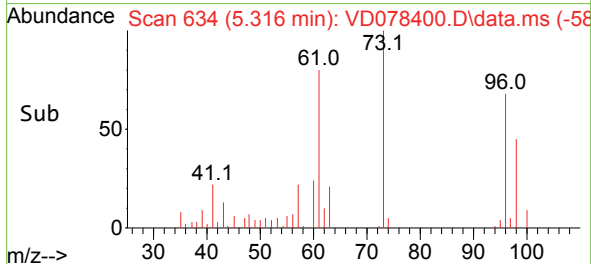
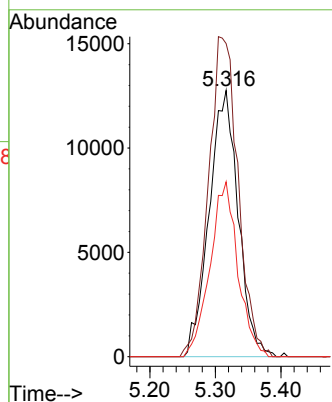
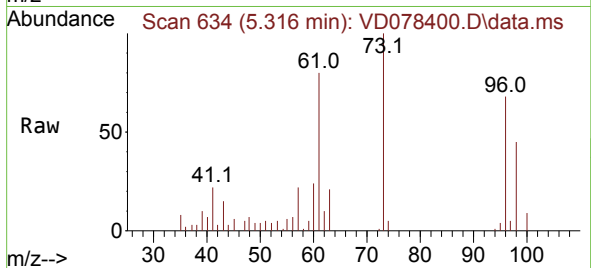




#21
trans-1,2-Dichloroethene
Concen: 21.348 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

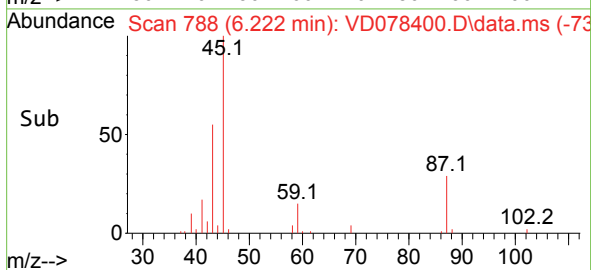
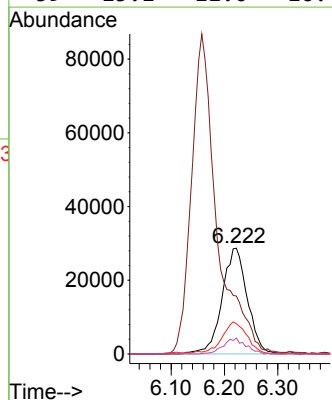
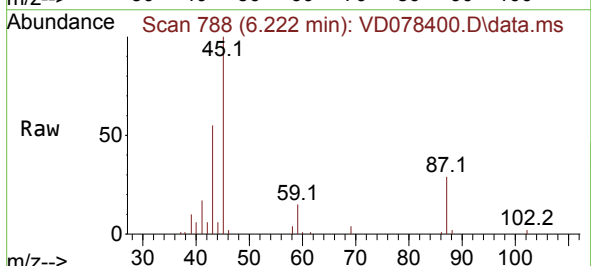
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

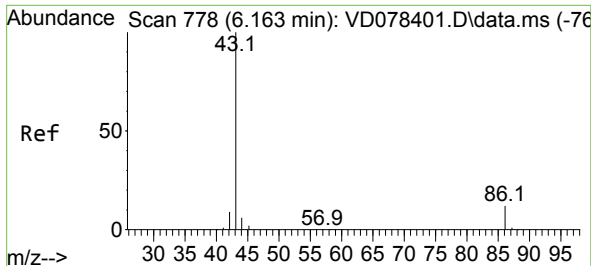
Tgt Ion: 96 Resp: 39261
Ion Ratio Lower Upper
96 100
61 117.6 89.3 133.9
98 65.7 48.6 73.0



#22
Diisopropyl ether
Concen: 22.200 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 45 Resp: 94496
Ion Ratio Lower Upper
45 100
43 53.2 40.0 60.0
87 28.7 28.2 42.4
59 15.1 11.0 16.4

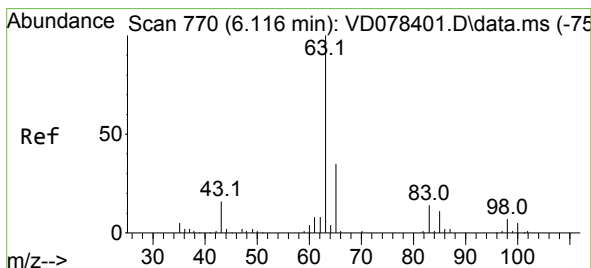
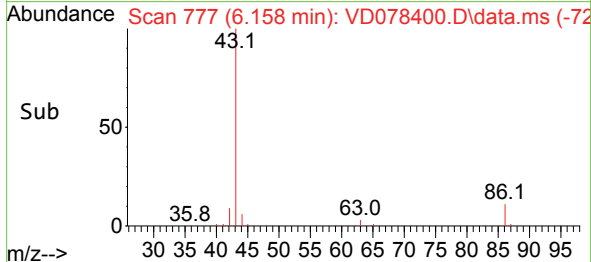
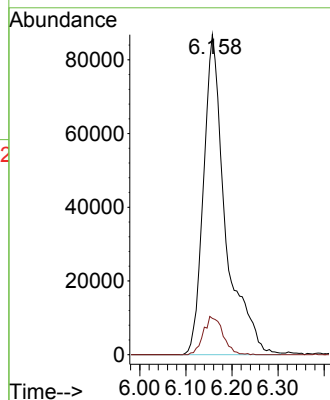
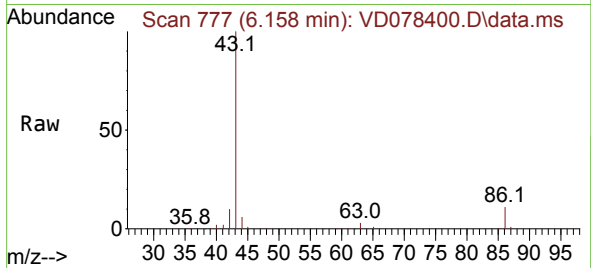




#23
 Vinyl Acetate
 Concen: 152.482 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

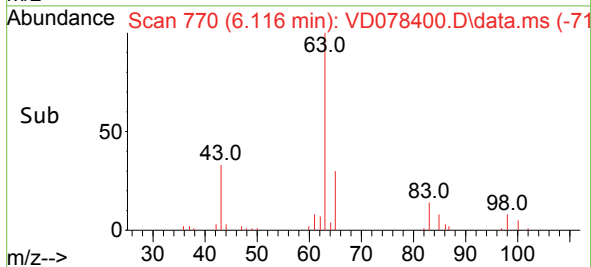
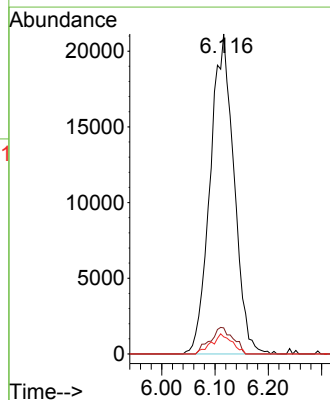
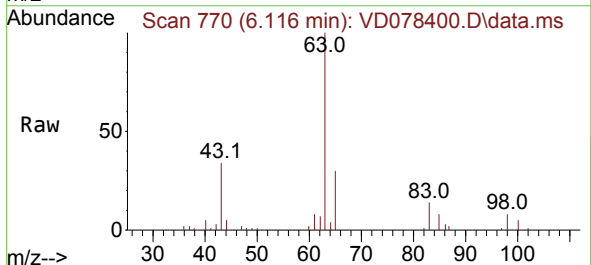
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

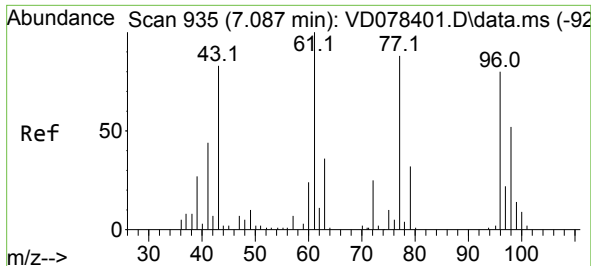
Tgt Ion: 43 Resp: 288334
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.768 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Tgt Ion: 63 Resp: 65639
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 124.285 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

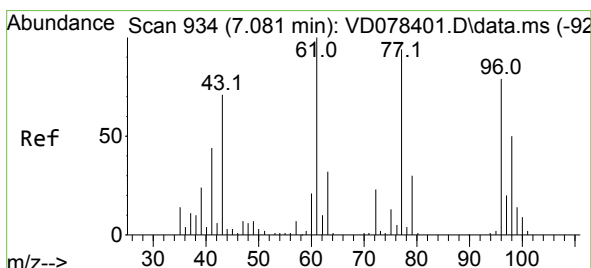
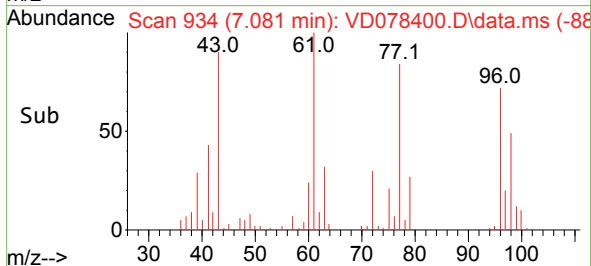
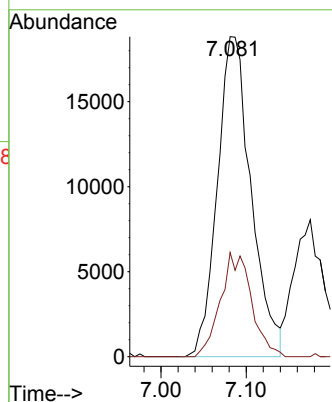
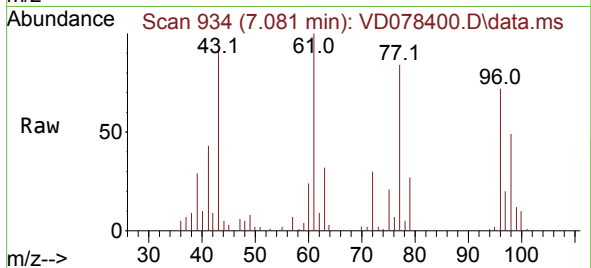
VSTDIC020

Tgt Ion: 43 Resp: 51851

Ion Ratio Lower Upper

43 100

72 32.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 21.237 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD078400.D

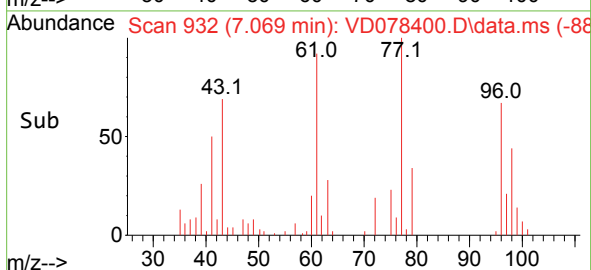
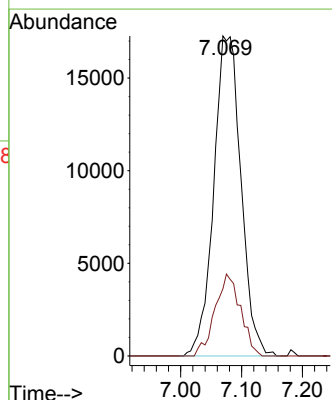
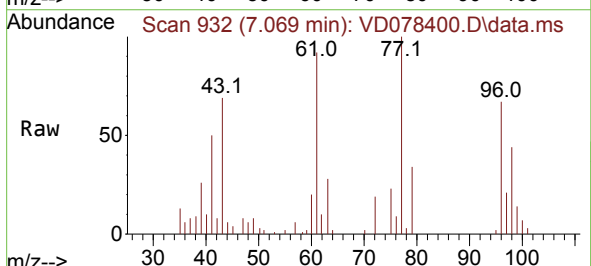
Acq: 13 Feb 2024 11:26

Tgt Ion: 77 Resp: 53685

Ion Ratio Lower Upper

77 100

97 23.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.093 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

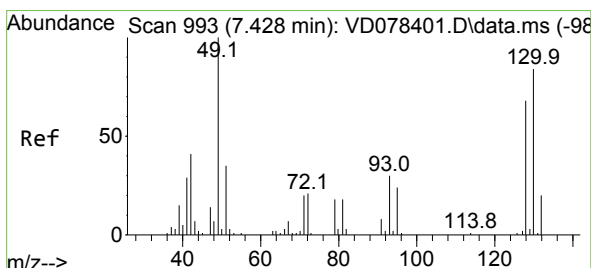
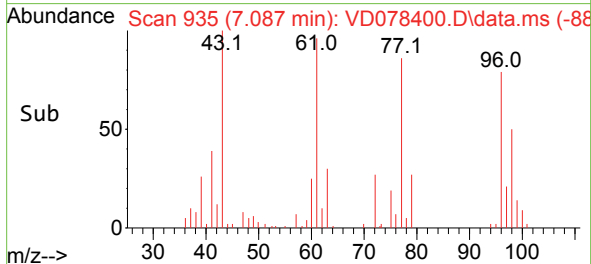
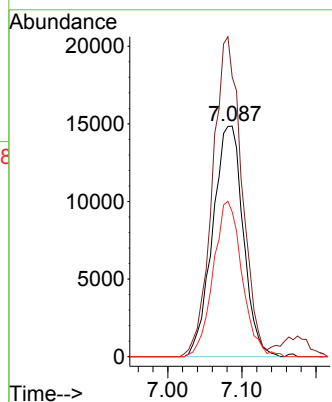
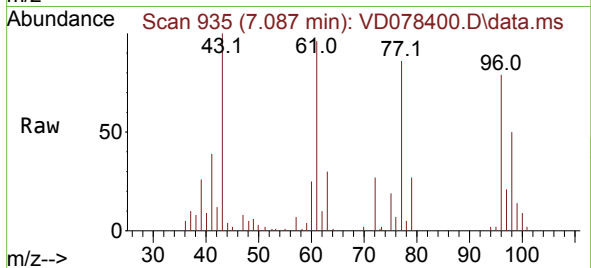
Tgt Ion: 96 Resp: 42560

Ion Ratio Lower Upper

96 100

61 132.6 0.0 239.2

98 63.7 0.0 128.6



#28

Bromochloromethane

Concen: 23.929 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

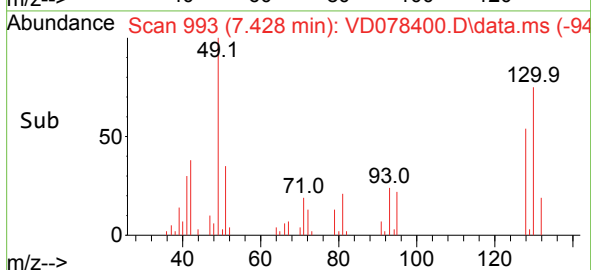
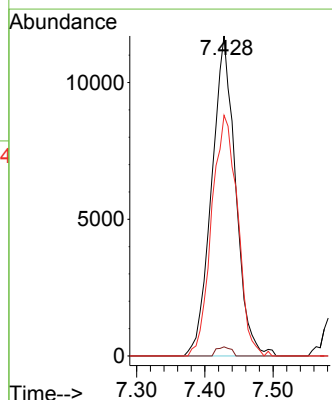
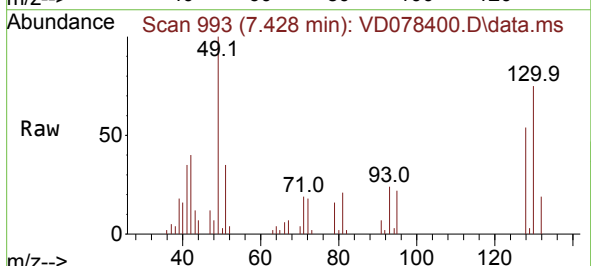
Tgt Ion: 49 Resp: 28580

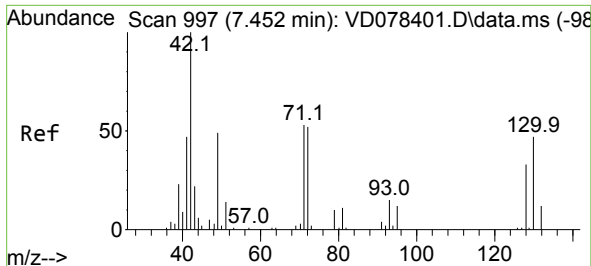
Ion Ratio Lower Upper

49 100

129 1.7 0.0 6.0

130 81.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 111.950 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

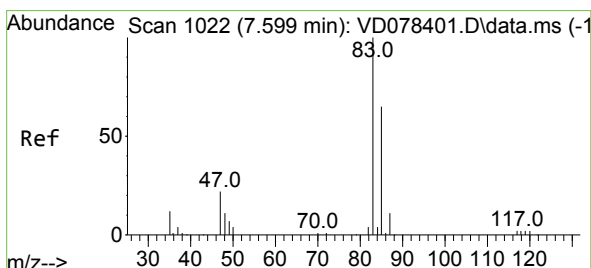
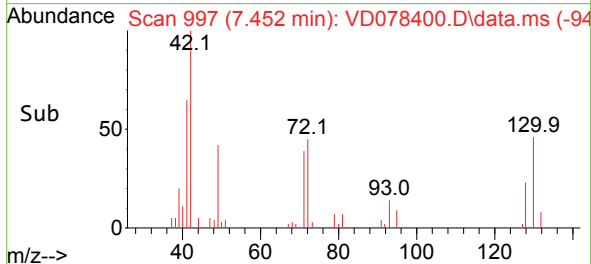
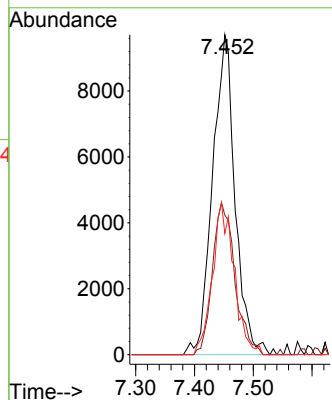
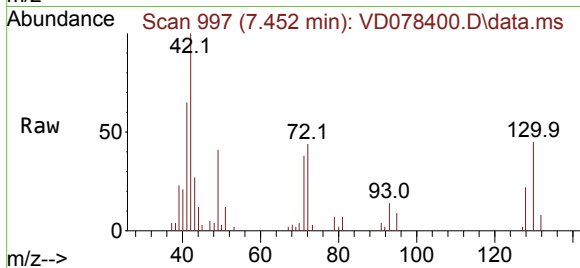
Tgt Ion: 42 Resp: 25815

Ion Ratio Lower Upper

42 100

72 47.5 46.5 69.7

71 45.9 44.5 66.7



#30

Chloroform

Concen: 21.522 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078400.D

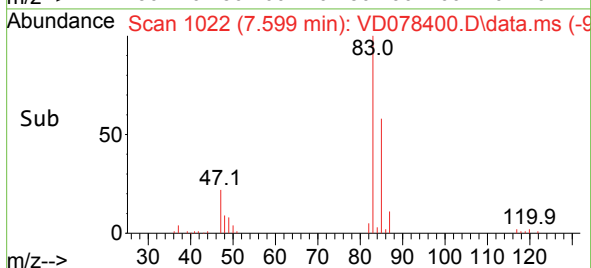
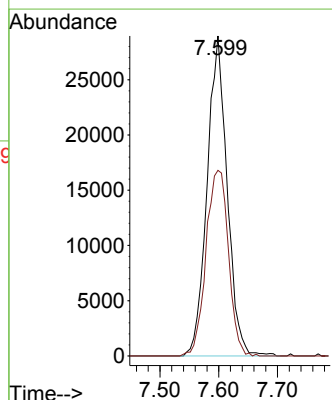
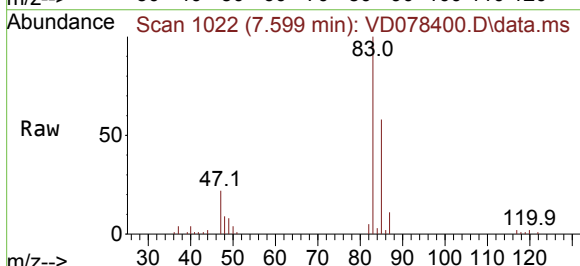
Acq: 13 Feb 2024 11:26

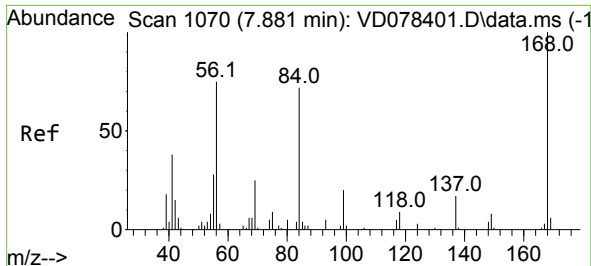
Tgt Ion: 83 Resp: 68666

Ion Ratio Lower Upper

83 100

85 58.0 53.4 80.2

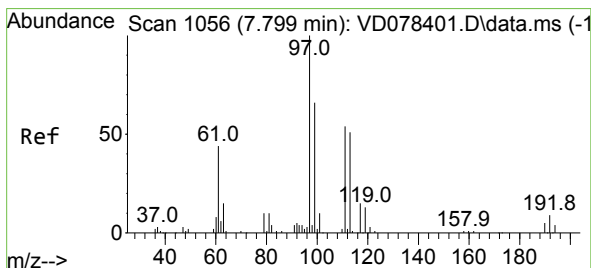
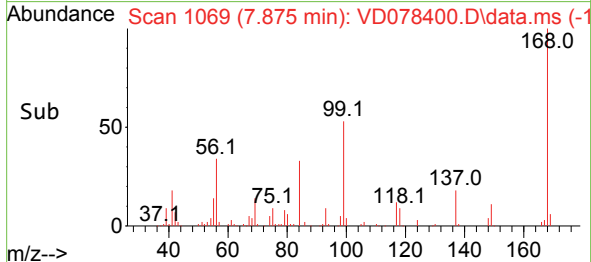
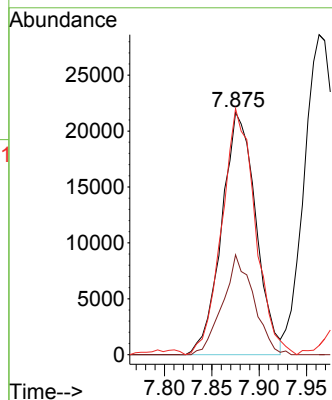
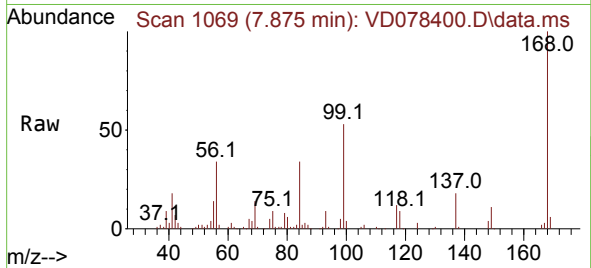




#31
Cyclohexane
Concen: 20.692 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

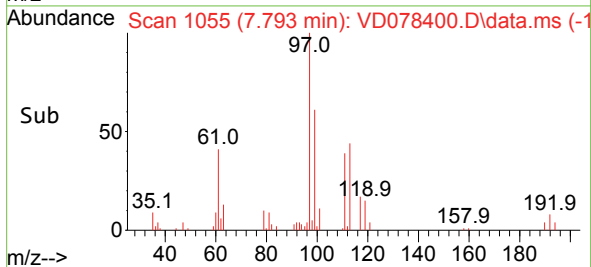
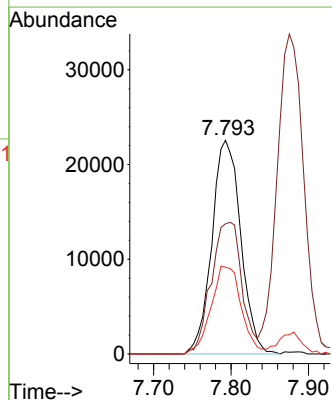
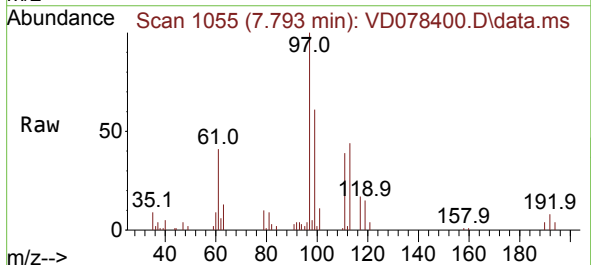
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

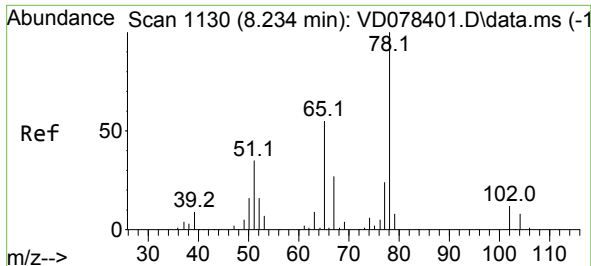
Tgt Ion: 56 Resp: 54273
Ion Ratio Lower Upper
56 100
69 41.2 28.6 43.0
84 100.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 21.471 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 97 Resp: 58404
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 21.848 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

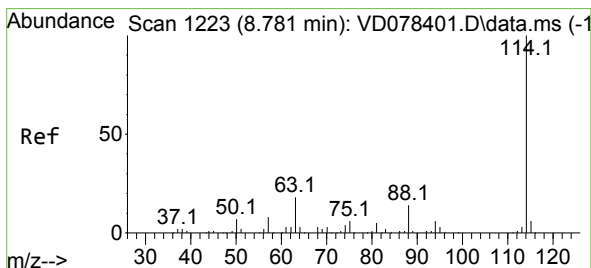
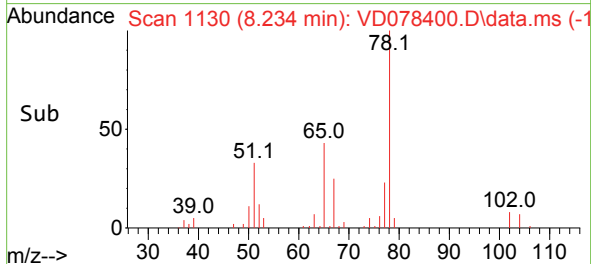
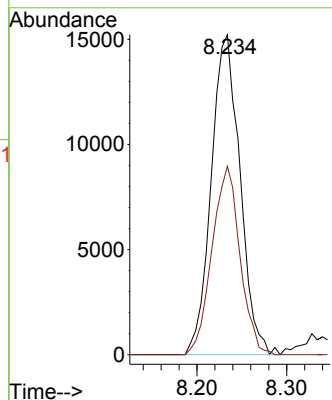
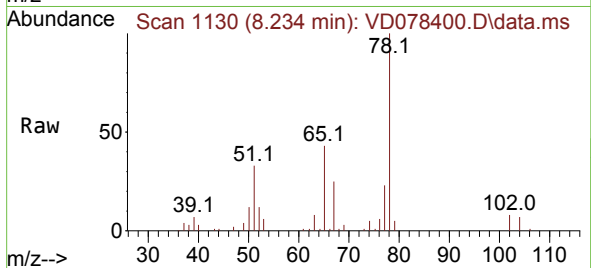
VSTDIC020

Tgt Ion: 65 Resp: 33877

Ion Ratio Lower Upper

65 100

67 57.2 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: VD078400.D

Acq: 13 Feb 2024 11:26

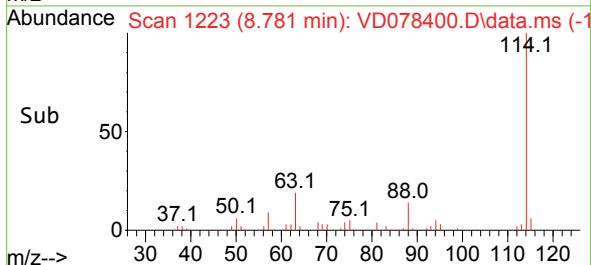
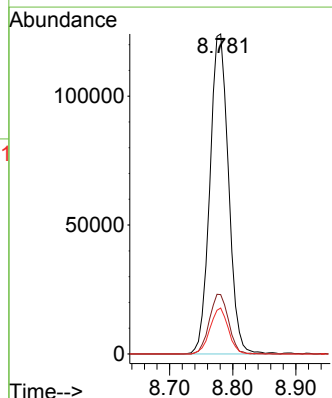
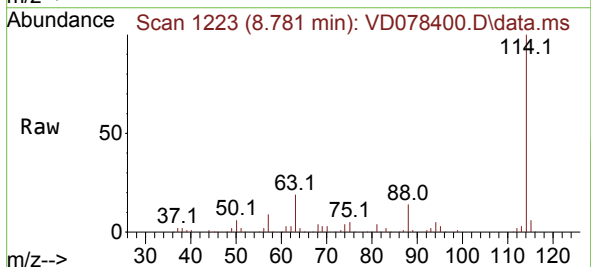
Tgt Ion:114 Resp: 254345

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 21.837 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

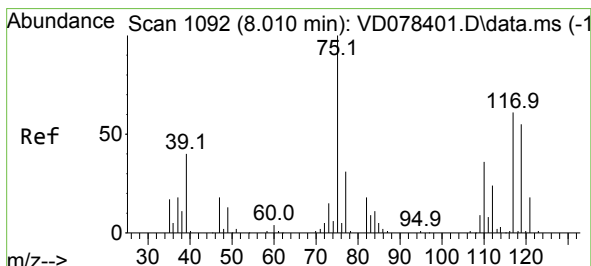
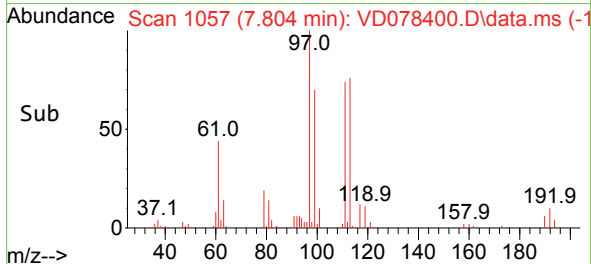
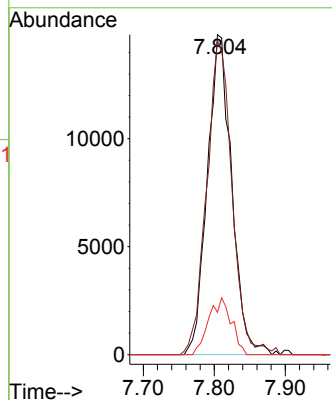
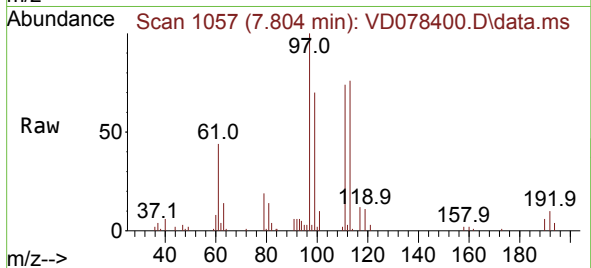
Tgt Ion:113 Resp: 35281

Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 16.6 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 21.285 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

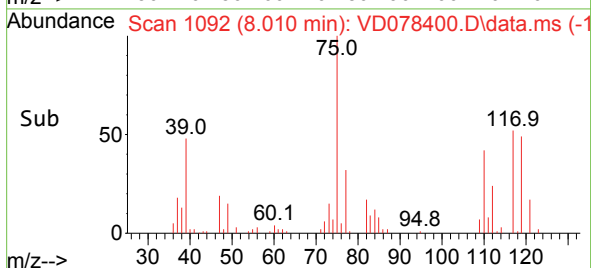
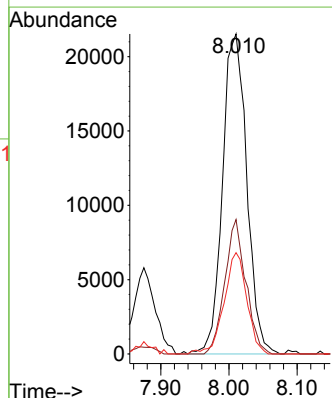
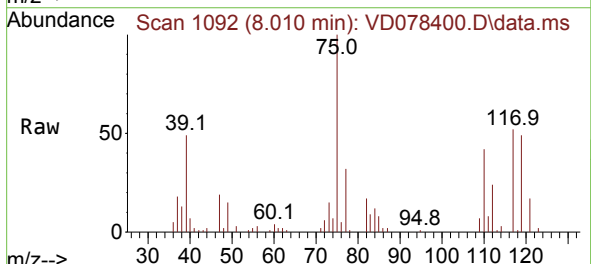
Tgt Ion: 75 Resp: 53422

Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 29.7 24.7 37.1





#37

Ethyl Acetate

Concen: 23.475 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

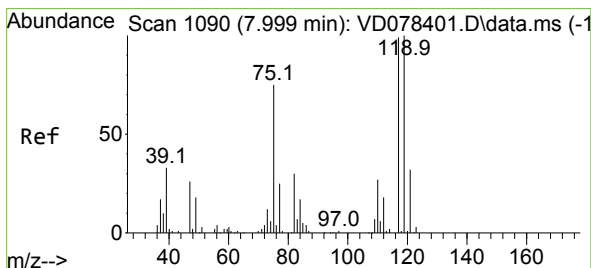
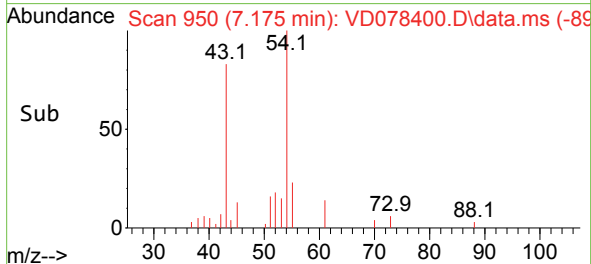
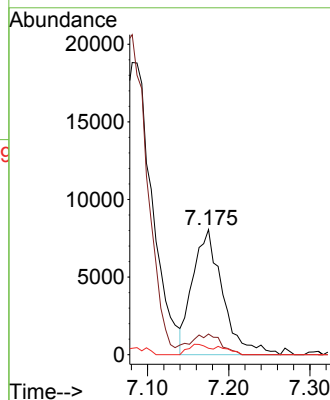
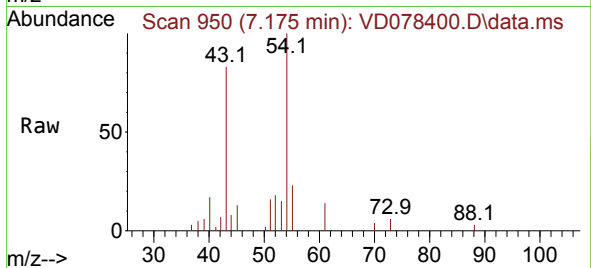
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	20654
Ion Ratio	Lower	Upper	
43	100		
61	17.6	14.9	22.3
70	5.8	10.0	15.0



#38

Carbon Tetrachloride

Concen: 20.848 ug/l

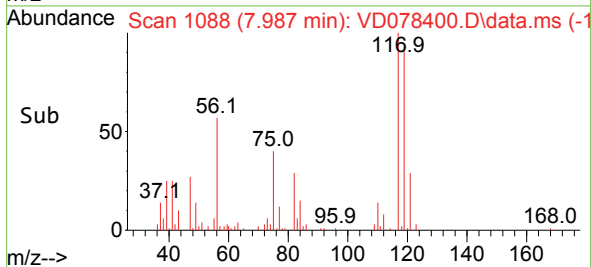
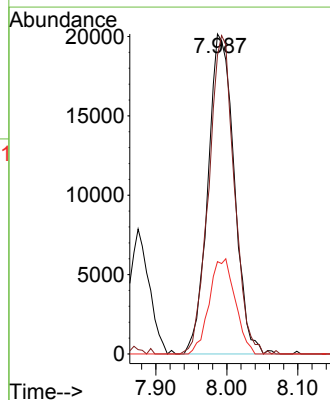
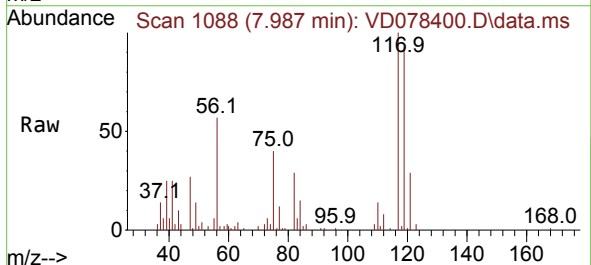
RT: 7.987 min Scan# 1088

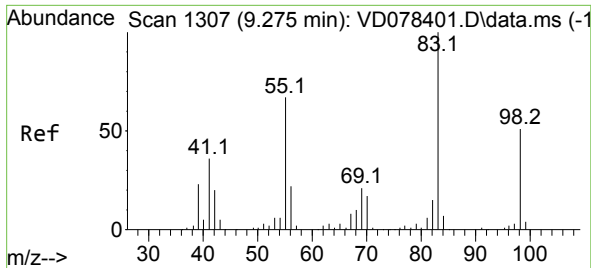
Delta R.T. -0.012 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Tgt Ion:	117	Resp:	51820
Ion Ratio	Lower	Upper	
117	100		
119	93.4	78.0	117.0
121	28.9	24.2	36.2

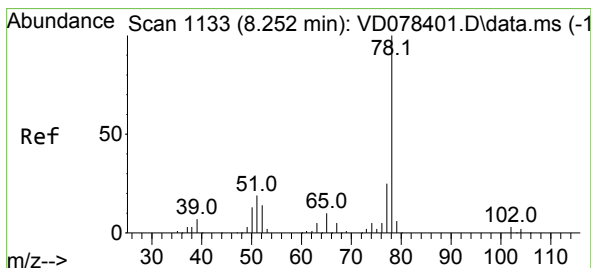
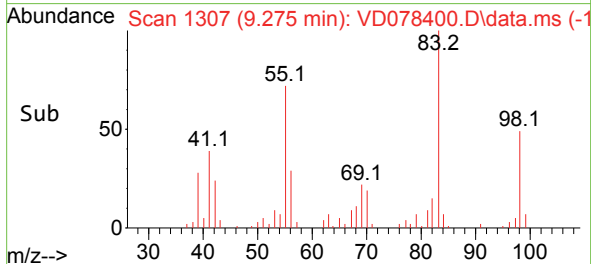
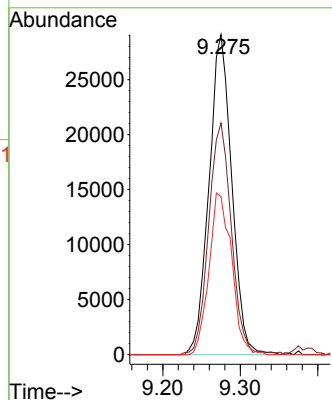
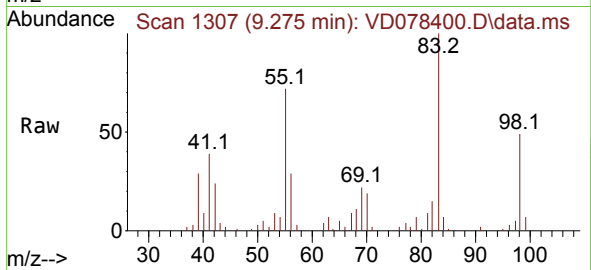




#39
Methylcyclohexane
Concen: 19.931 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

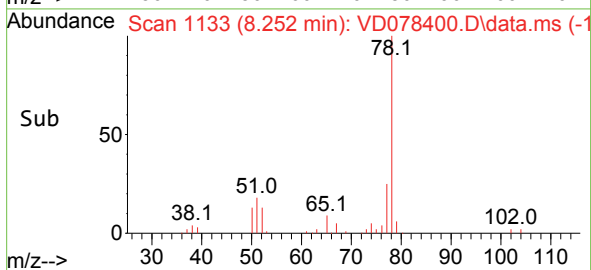
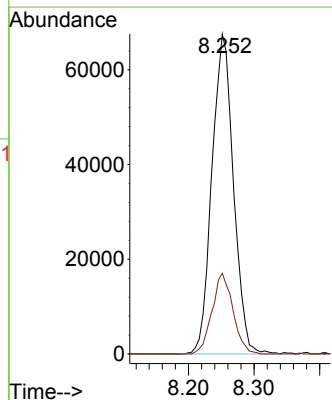
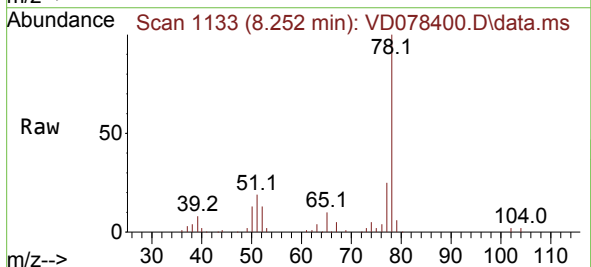
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 59387
Ion Ratio Lower Upper
83 100
55 72.4 49.4 74.0
98 49.4 38.4 57.6



#40
Benzene
Concen: 21.215 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 78 Resp: 153908
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0

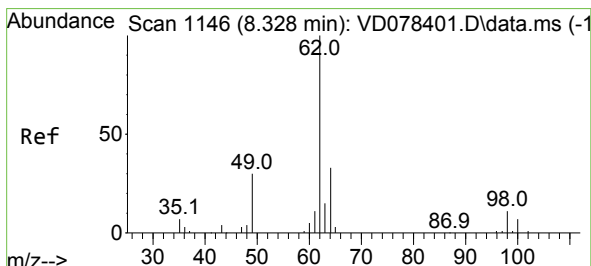
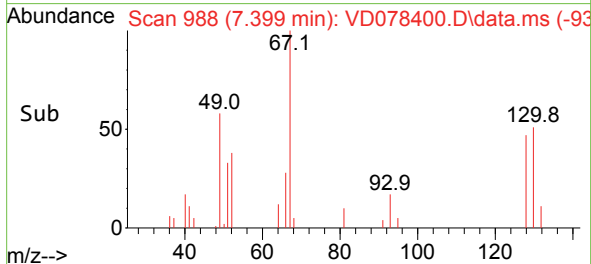
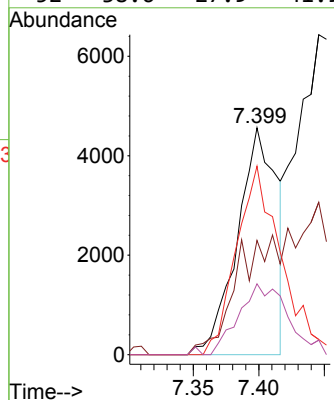
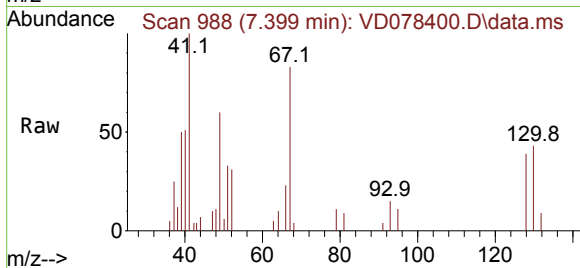




#41
Methacrylonitrile
Concen: 20.832 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

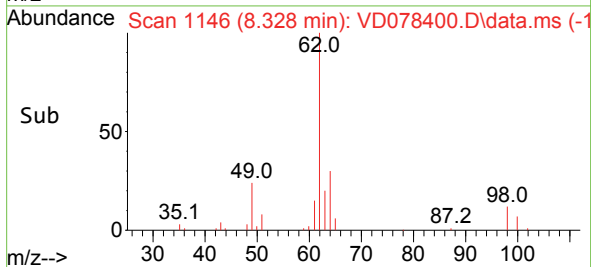
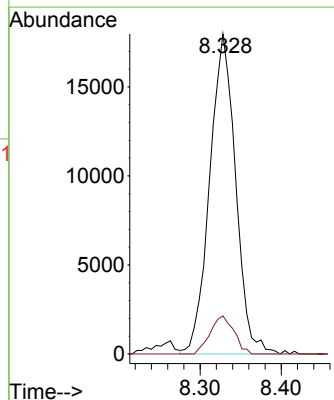
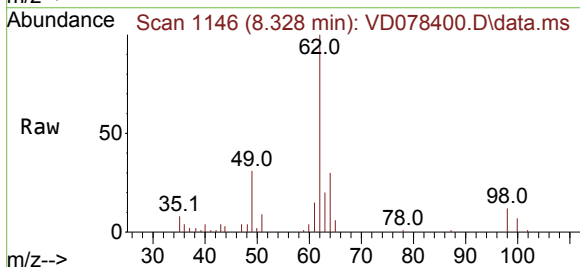
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

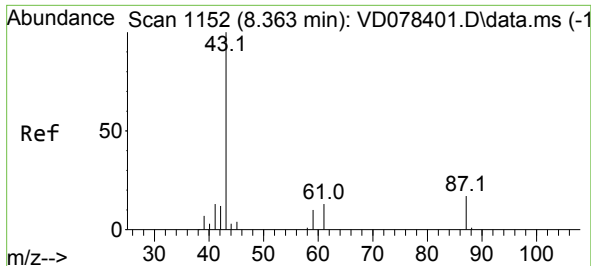
Tgt Ion:	41	Resp:	9539
Ion	Ratio	Lower	Upper
41	100		
39	57.3	34.0	51.0#
67	94.4	77.0	115.4
52	38.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 21.260 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

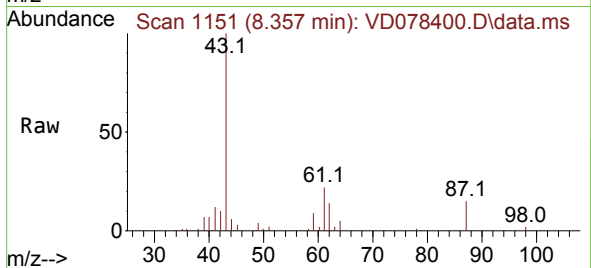
Tgt Ion:	62	Resp:	39908
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	25.4



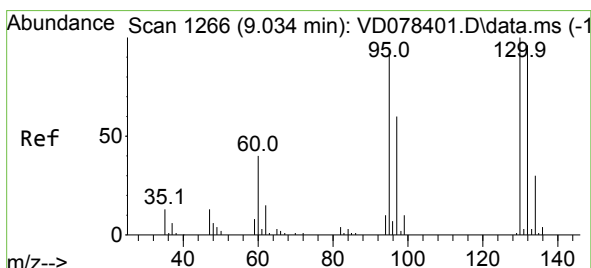
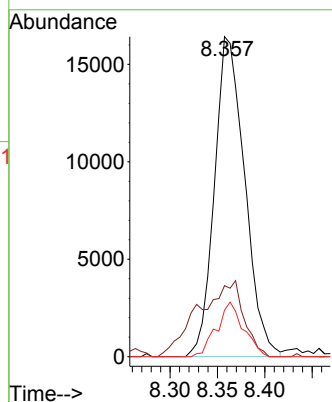
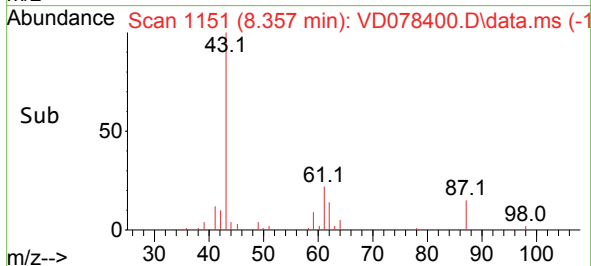


#43
Isopropyl Acetate
Concen: 22.368 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

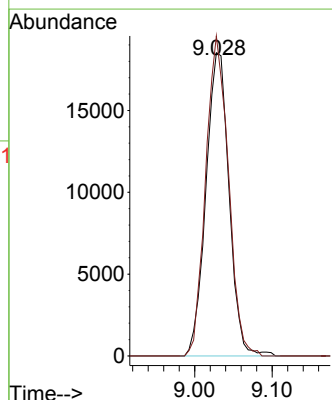
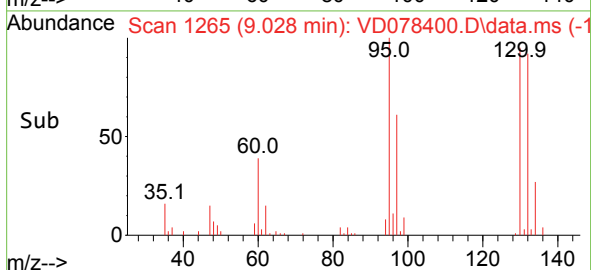
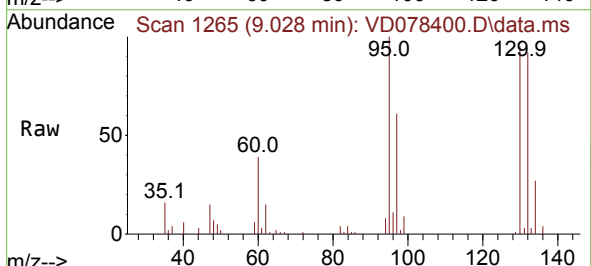


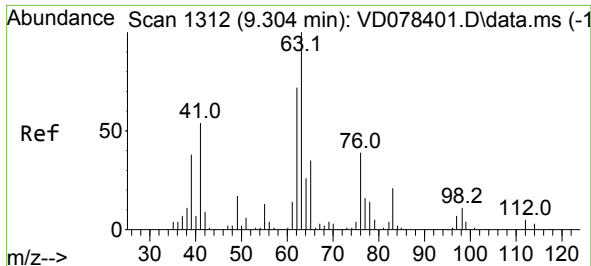
Tgt Ion: 43 Resp: 36442
Ion Ratio Lower Upper
43 100
61 35.3 31.4 47.0
87 15.2 14.9 22.3



#44
Trichloroethene
Concen: 20.748 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:130 Resp: 38401
Ion Ratio Lower Upper
130 100
95 105.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.334 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

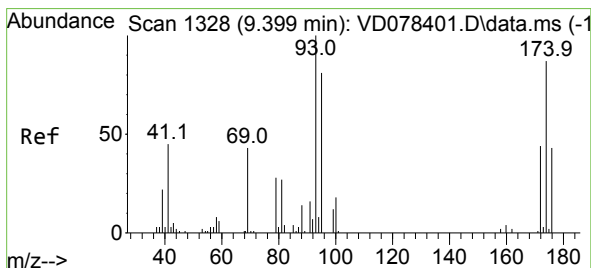
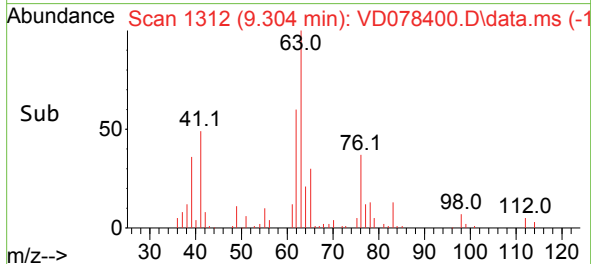
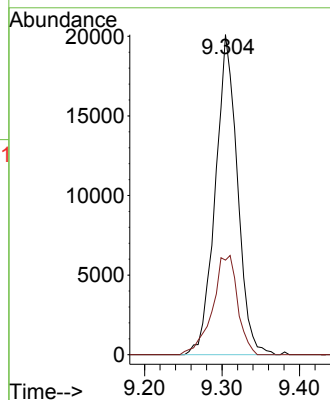
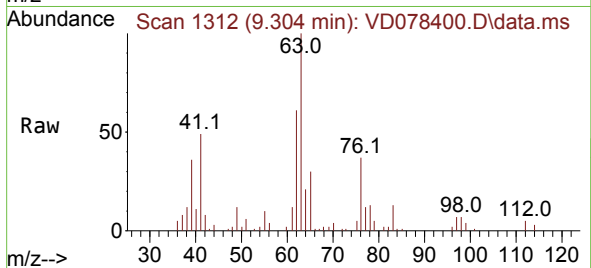
VSTDIC020

Tgt Ion: 63 Resp: 39754

Ion Ratio Lower Upper

63 100

65 29.5 24.5 36.7



#46

Dibromomethane

Concen: 21.109 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

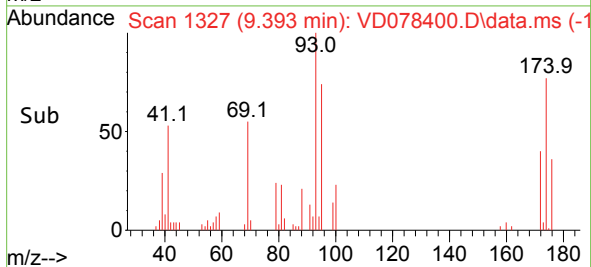
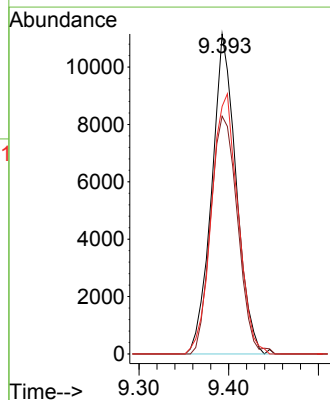
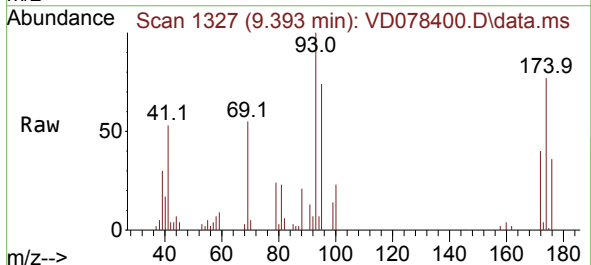
Tgt Ion: 93 Resp: 21134

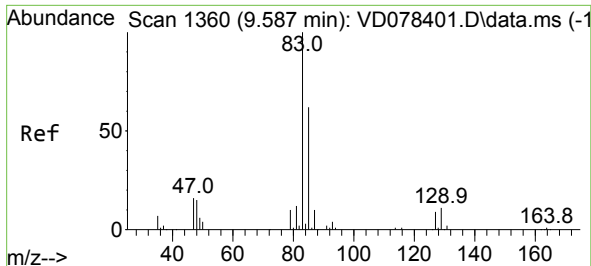
Ion Ratio Lower Upper

93 100

95 81.4 67.7 101.5

174 87.5 85.4 128.2

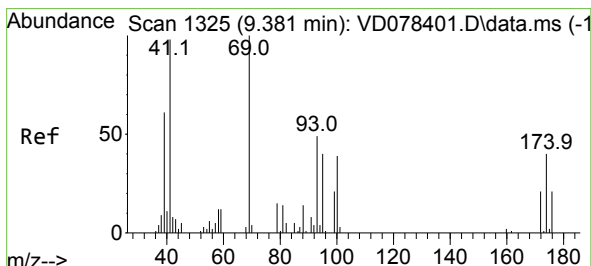
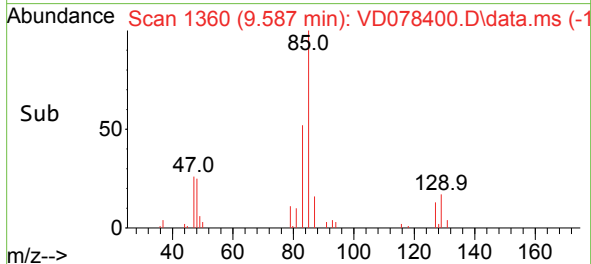
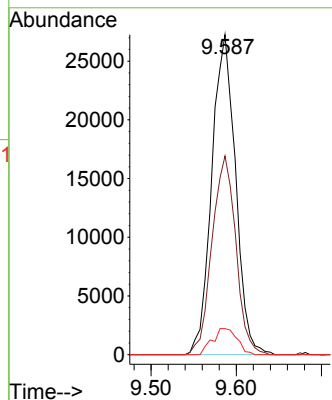
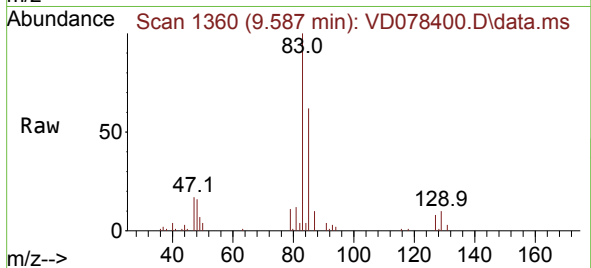




#47
Bromodichloromethane
Concen: 21.305 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

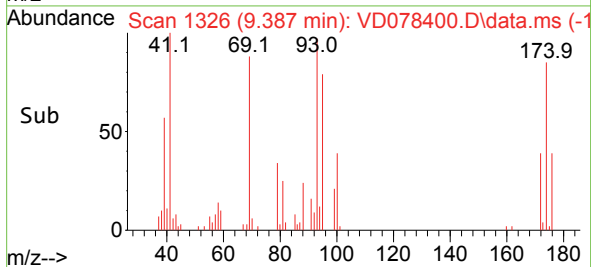
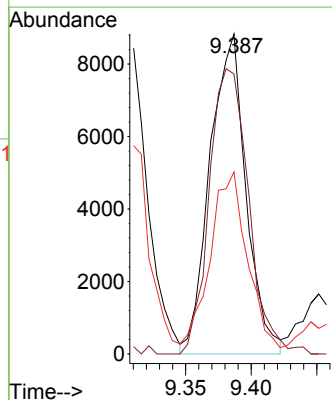
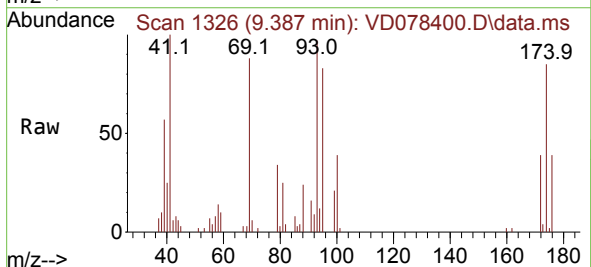
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 52830
Ion Ratio Lower Upper
83 100
85 62.1 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 19.543 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 41 Resp: 16892
Ion Ratio Lower Upper
41 100
69 97.4 102.2 153.2#
39 60.0 41.4 62.2





#49

1,4-Dioxane

Concen: 451.565 ug/l

RT: 9.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

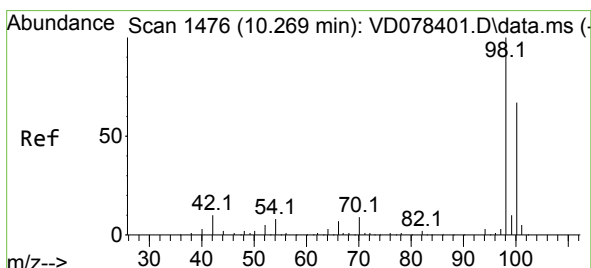
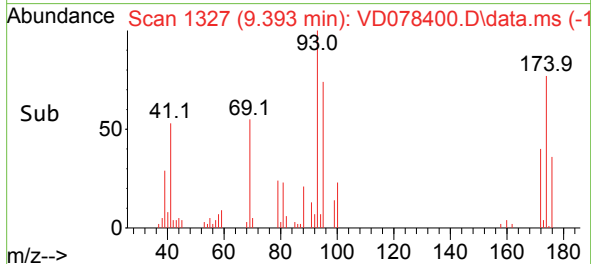
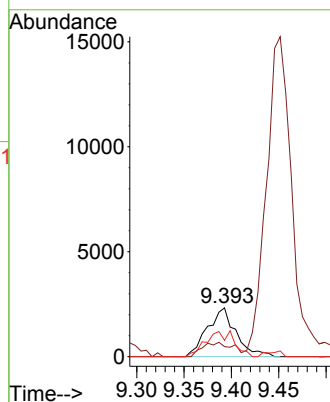
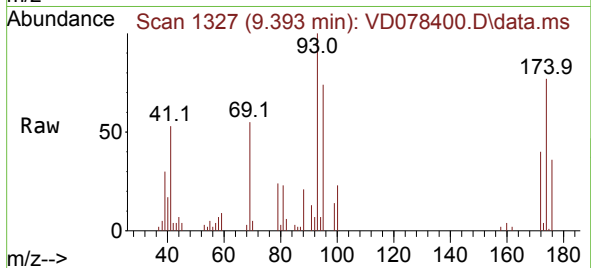
Tgt Ion: 88 Resp: 4896

Ion Ratio Lower Upper

88 100

43 30.8 19.0 28.6#

58 51.8 43.5 65.3



#50

Toluene-d8

Concen: 20.860 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078400.D

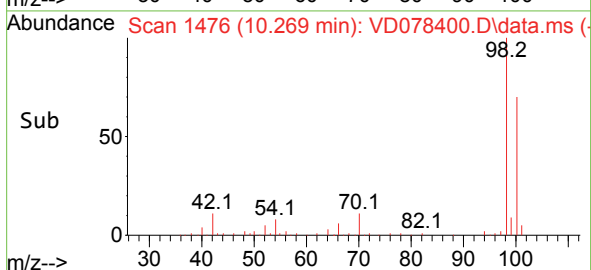
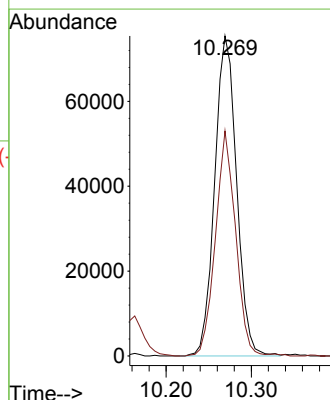
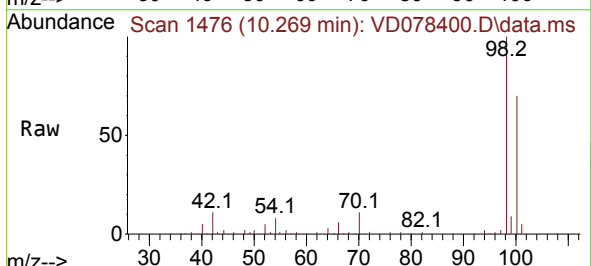
Acq: 13 Feb 2024 11:26

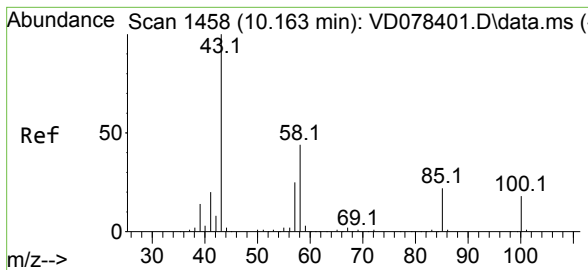
Tgt Ion: 98 Resp: 134816

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

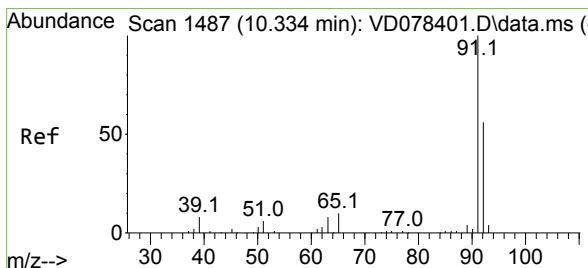
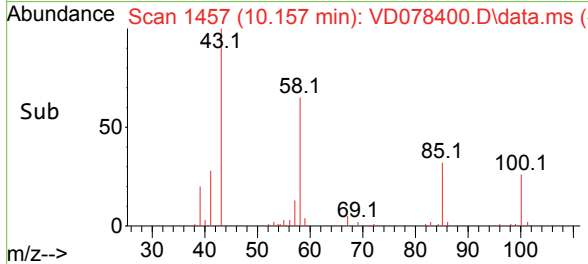
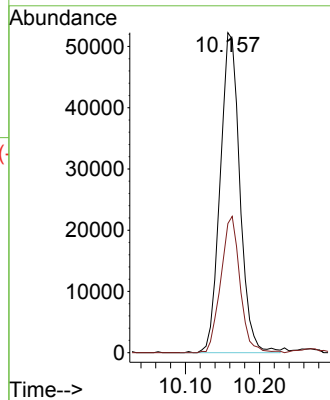
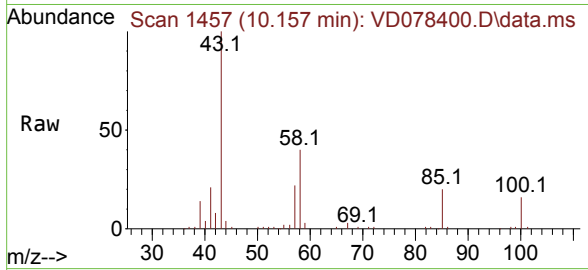




#51
4-Methyl-2-Pentanone
Concen: 111.393 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

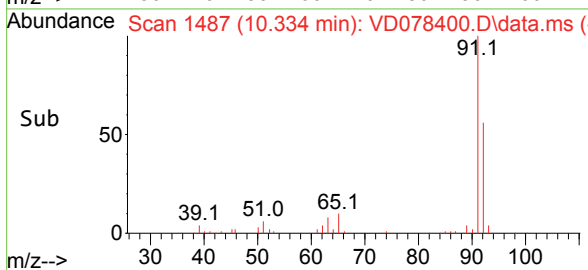
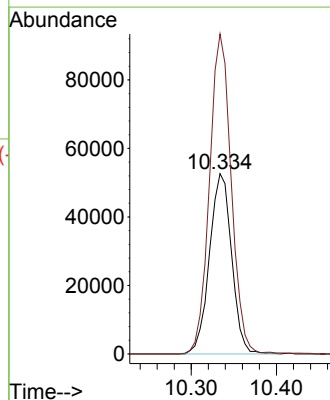
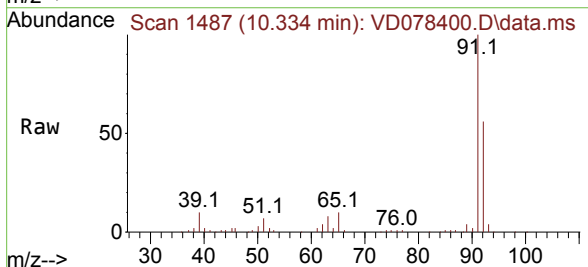
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

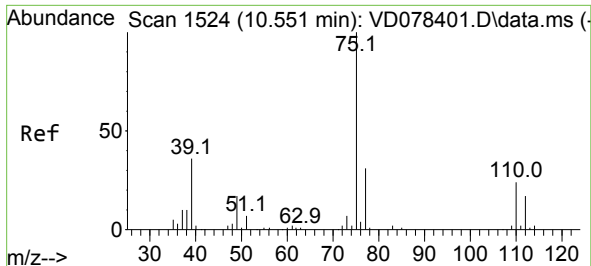
Tgt Ion: 43 Resp: 96322
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3



#52
Toluene
Concen: 20.693 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 92 Resp: 94933
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 21.181 ug/l

RT: 10.557 min Scan# 1524

Delta R.T. 0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

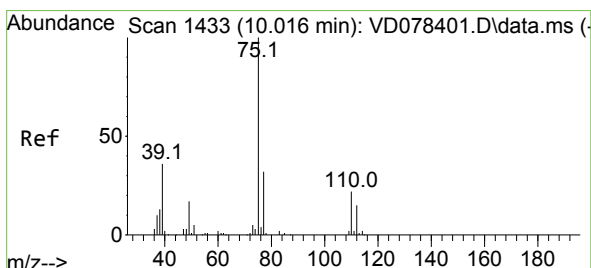
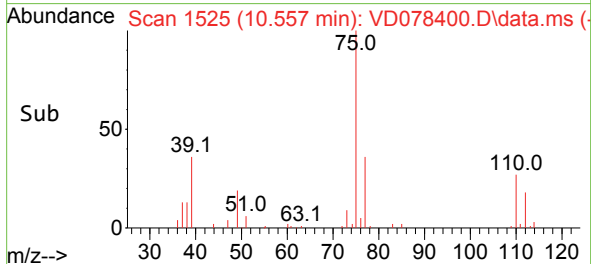
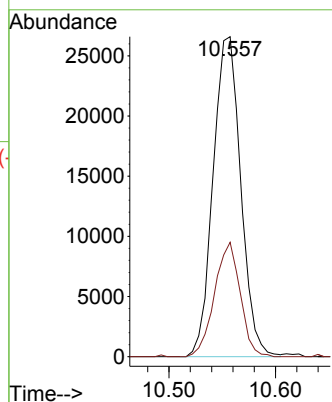
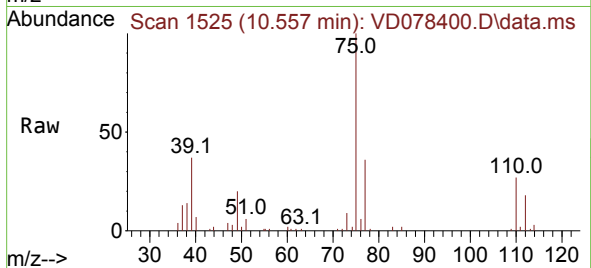
VSTDIC020

Tgt Ion: 75 Resp: 47926

Ion Ratio Lower Upper

75 100

77 35.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.597 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

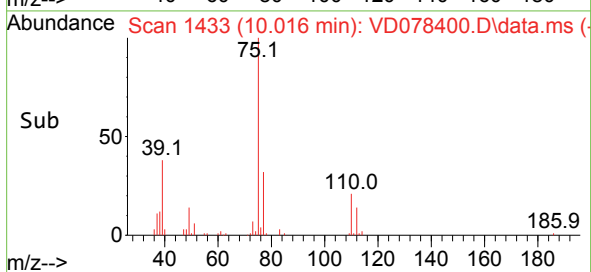
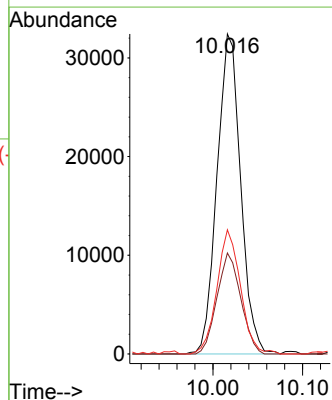
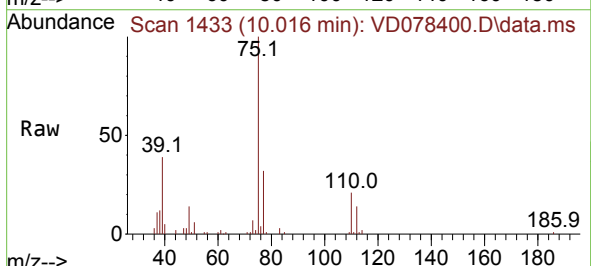
Tgt Ion: 75 Resp: 59257

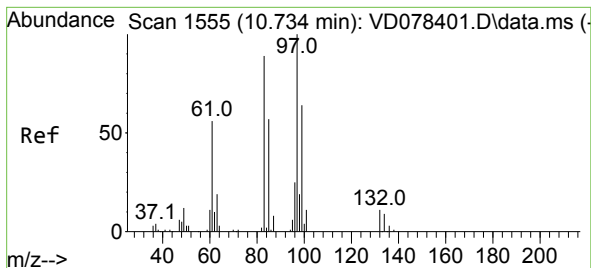
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 38.8 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.898 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 28176

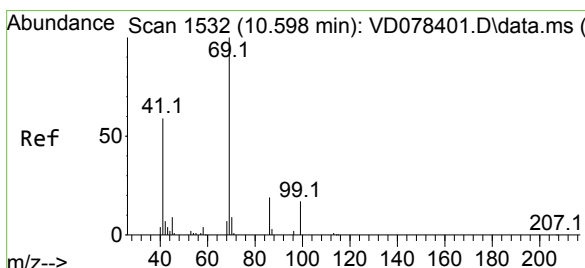
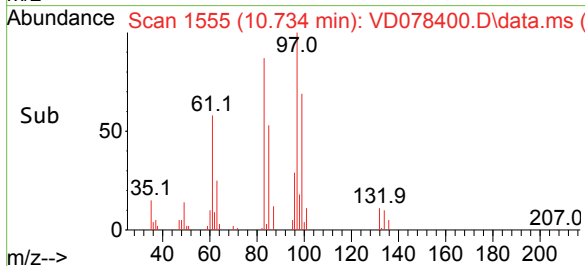
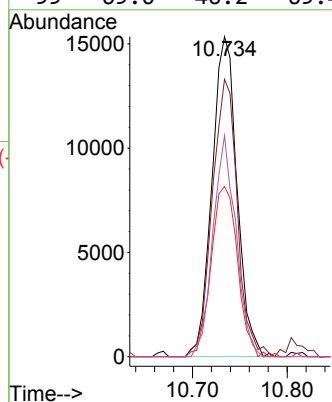
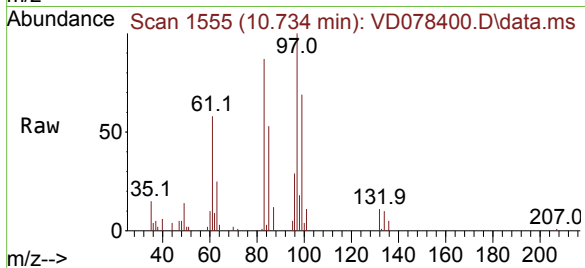
Ion Ratio Lower Upper

97 100

83 86.7 65.8 98.6

85 53.2 45.7 68.5

99 69.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 24.167 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

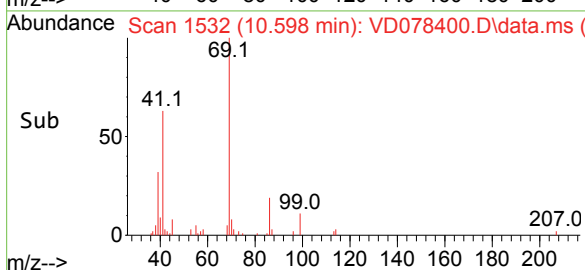
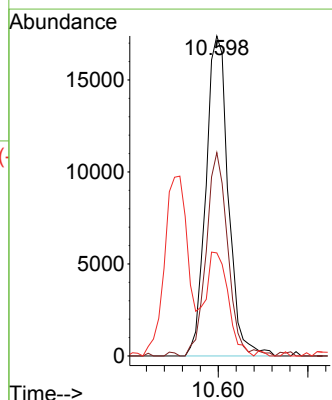
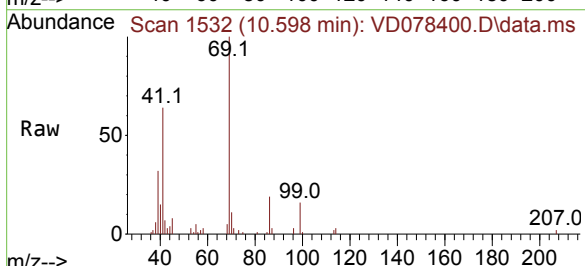
Tgt Ion: 69 Resp: 30135

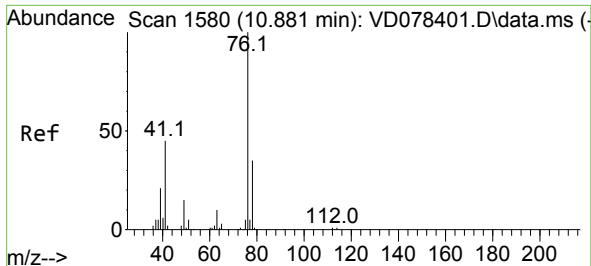
Ion Ratio Lower Upper

69 100

41 61.3 39.1 58.7#

39 33.6 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.906 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

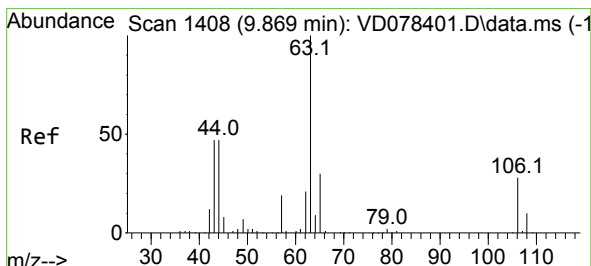
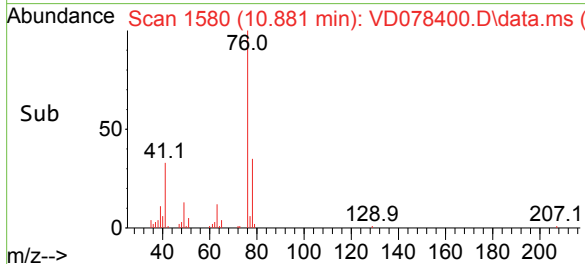
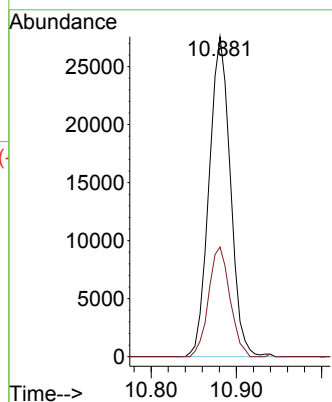
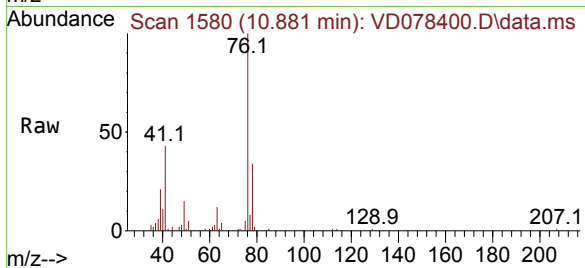
VSTDIC020

Tgt Ion: 76 Resp: 47949

Ion Ratio Lower Upper

76 100

78 34.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.487 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078400.D

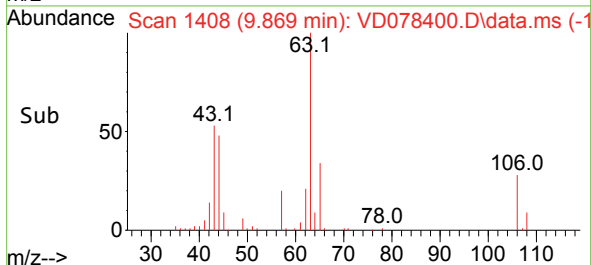
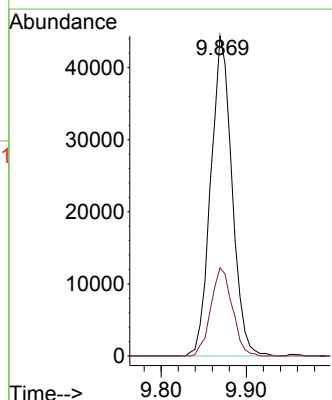
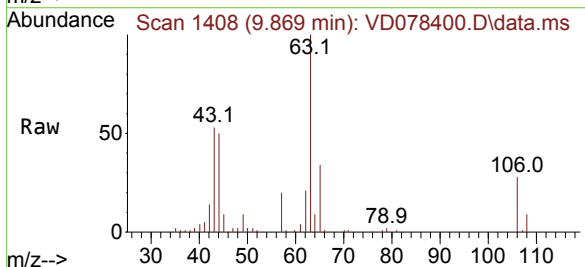
Acq: 13 Feb 2024 11:26

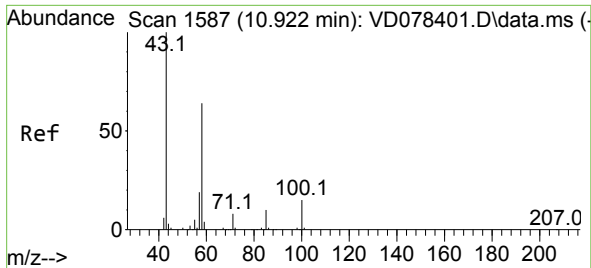
Tgt Ion: 63 Resp: 76747

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9

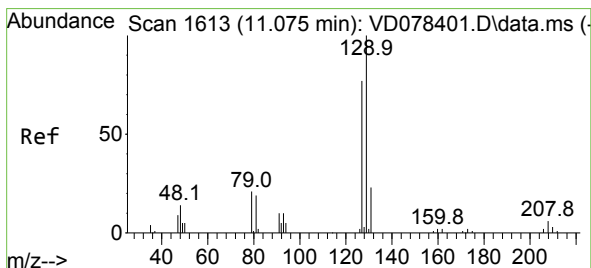
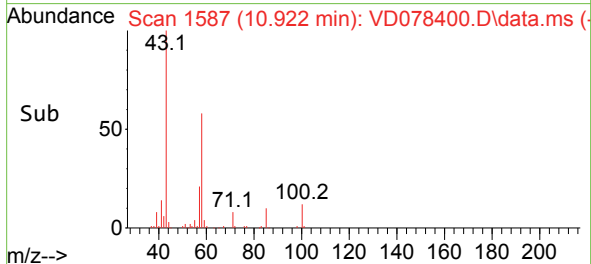
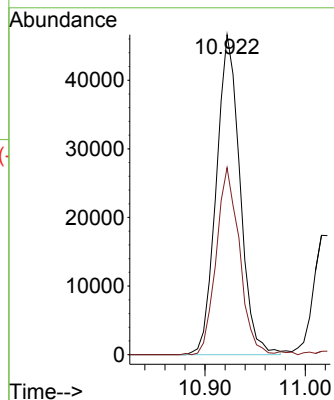
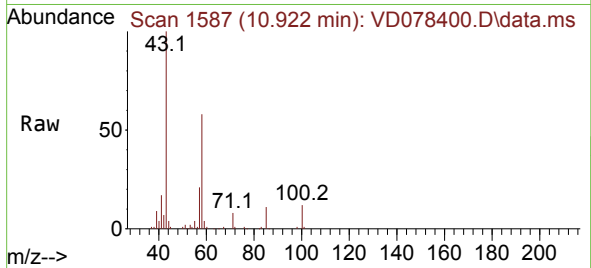




#59
2-Hexanone
Concen: 117.373 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

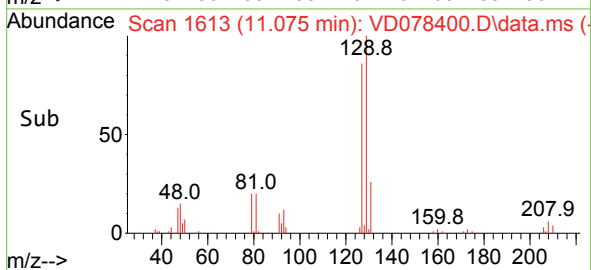
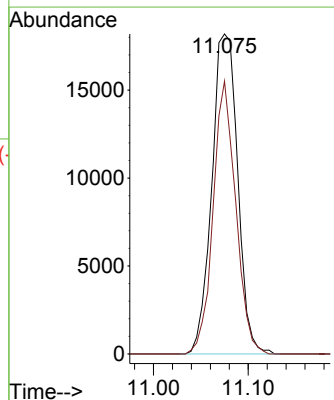
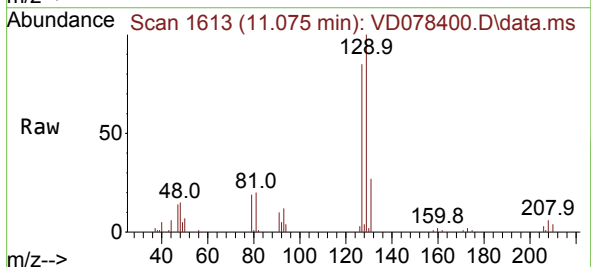
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

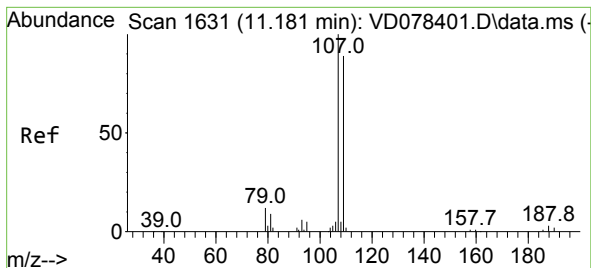
Tgt Ion: 43 Resp: 76273
Ion Ratio Lower Upper
43 100
58 57.4 34.1 102.2



#60
Dibromochloromethane
Concen: 21.298 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 129 Resp: 34549
Ion Ratio Lower Upper
129 100
127 74.5 37.1 111.5

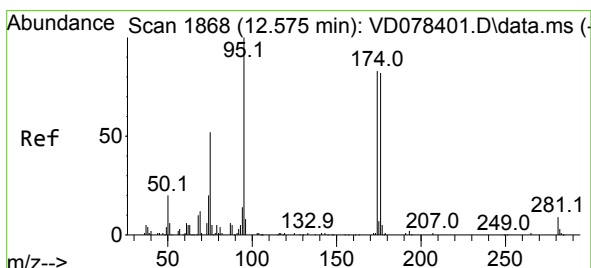
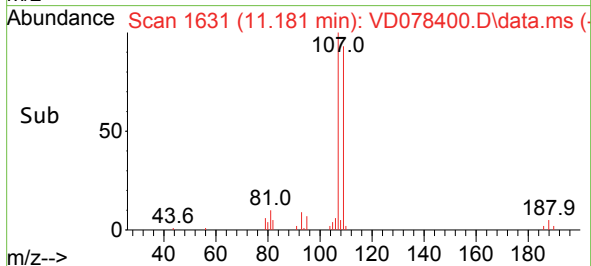
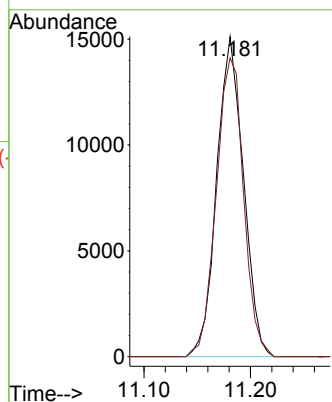
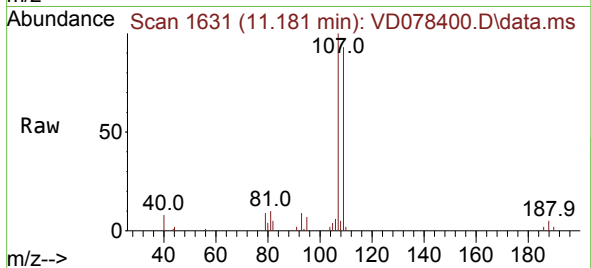




#61
1,2-Dibromoethane
Concen: 20.784 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

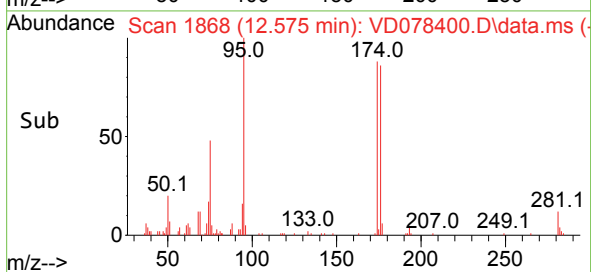
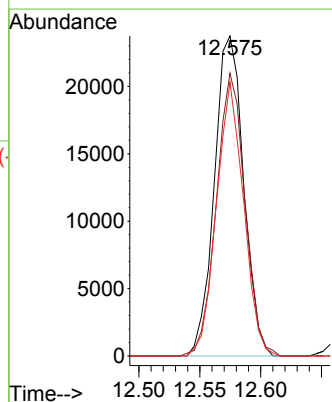
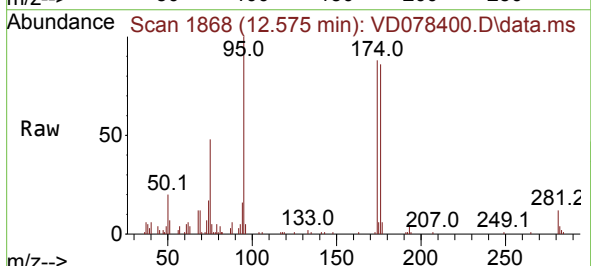
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

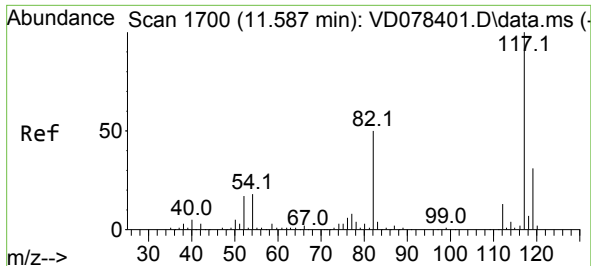
Tgt Ion:107 Resp: 26308
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 21.091 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 95 Resp: 39668
Ion Ratio Lower Upper
95 100
174 86.2 0.0 201.8
176 79.4 0.0 191.8

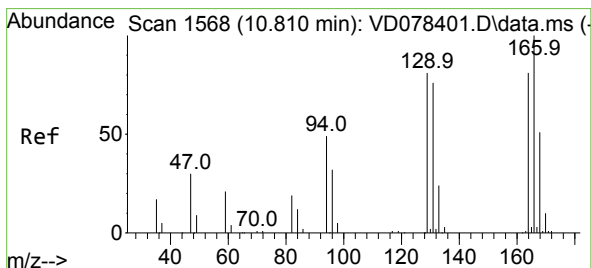
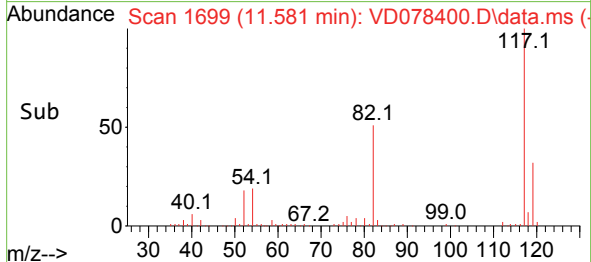
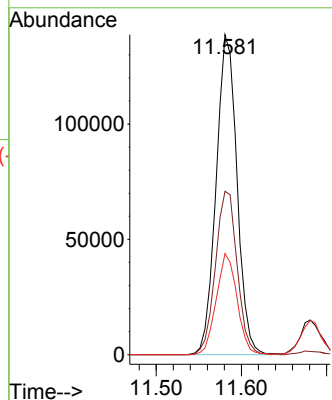
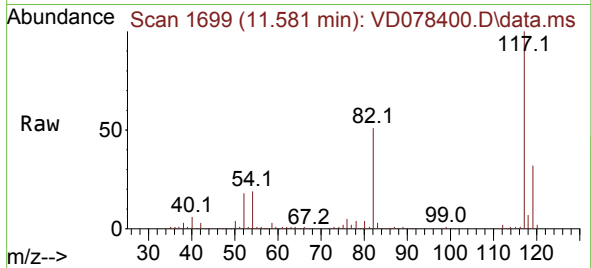




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

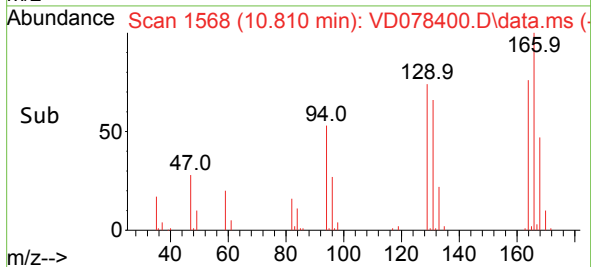
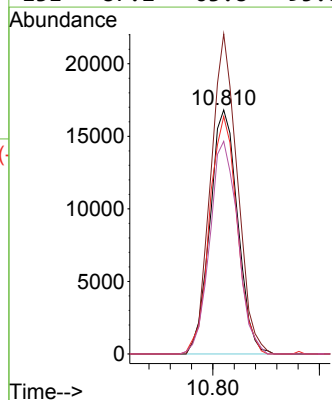
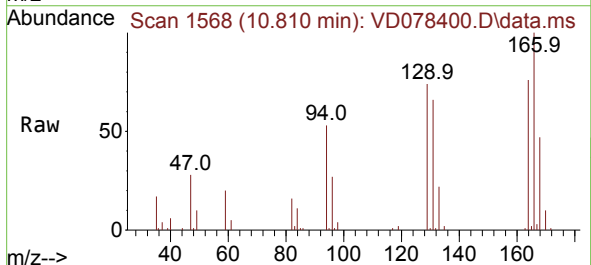
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

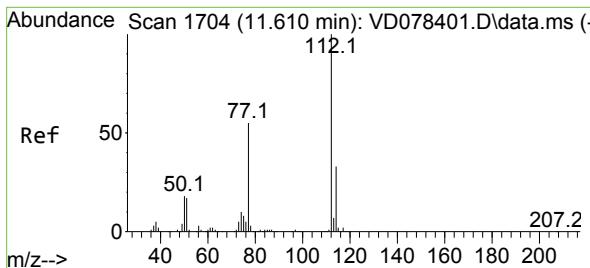
Tgt Ion:117 Resp: 236206
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 20.364 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:164 Resp: 30382
Ion Ratio Lower Upper
164 100
166 131.2 99.2 148.8
129 97.3 68.4 102.6
131 87.2 63.8 95.8





#65

Chlorobenzene

Concen: 21.119 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

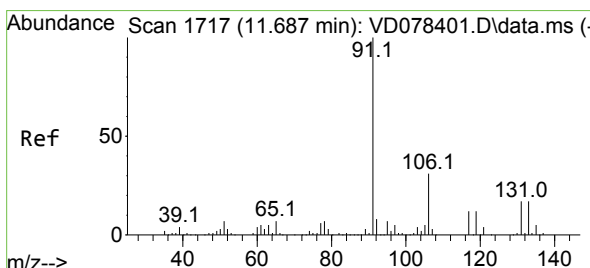
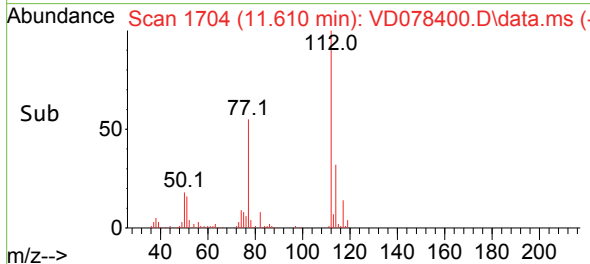
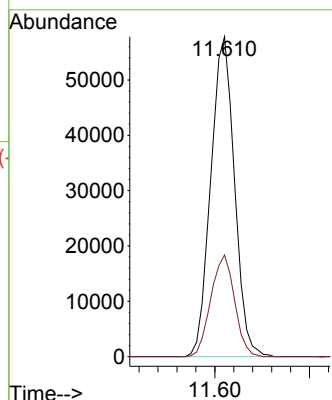
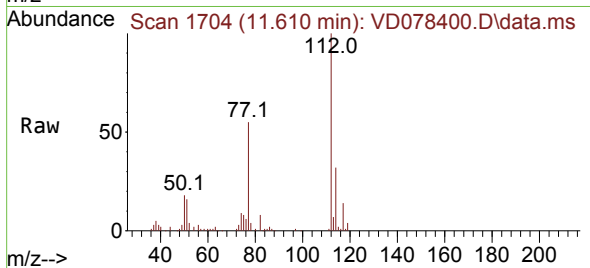
VSTDICC020

Tgt Ion:112 Resp: 100289

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.339 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

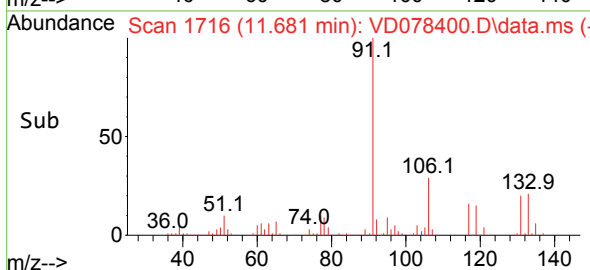
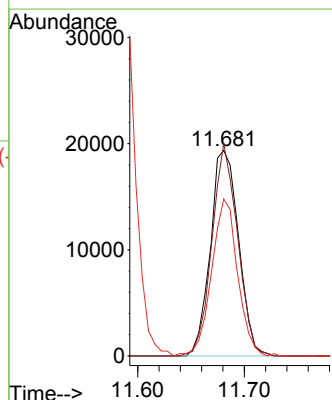
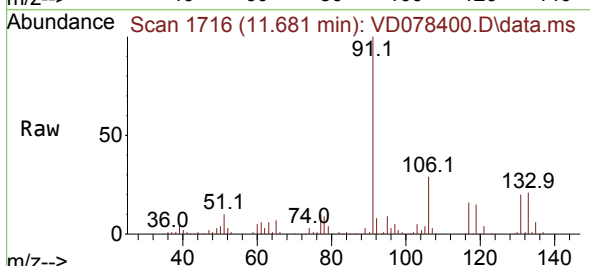
Tgt Ion:131 Resp: 35494

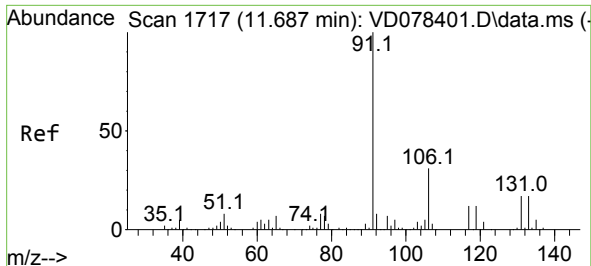
Ion Ratio Lower Upper

131 100

133 94.3 48.5 145.5

119 70.6 35.6 106.9

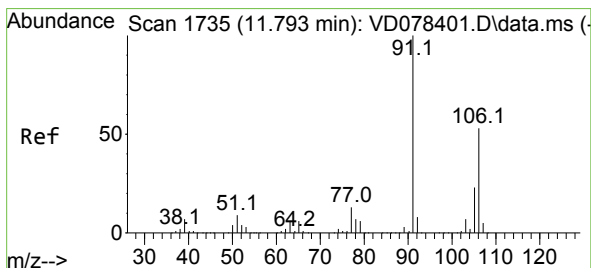
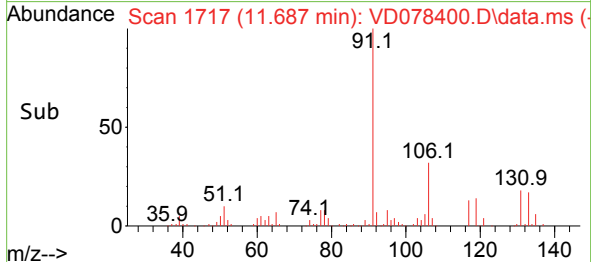
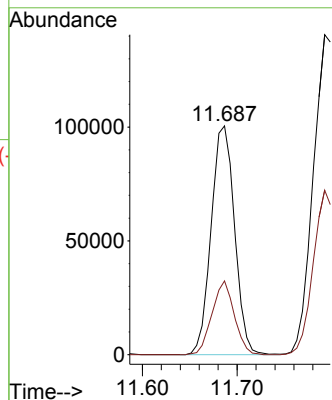
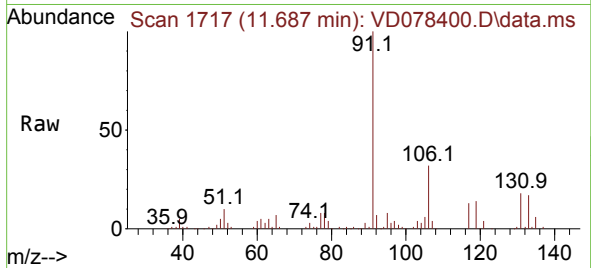




#67
Ethyl Benzene
Concen: 20.290 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

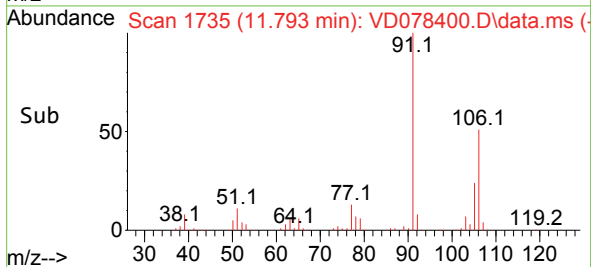
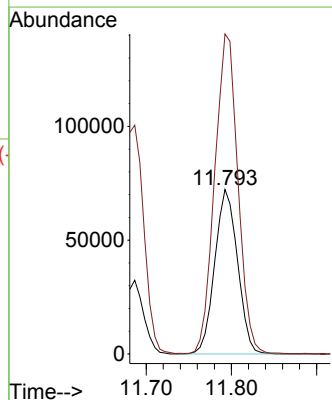
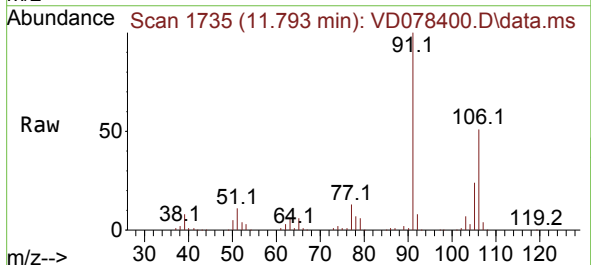
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

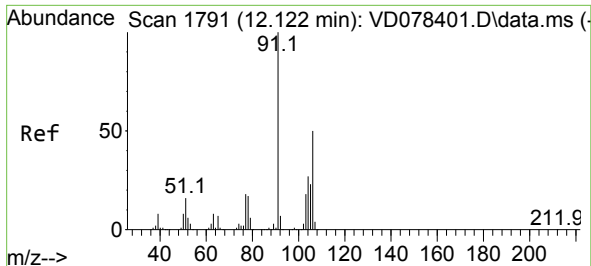
Tgt Ion: 91 Resp: 172635
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7



#68
m/p-Xylenes
Concen: 40.564 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 106 Resp: 134626
Ion Ratio Lower Upper
106 100
91 197.9 147.0 220.6

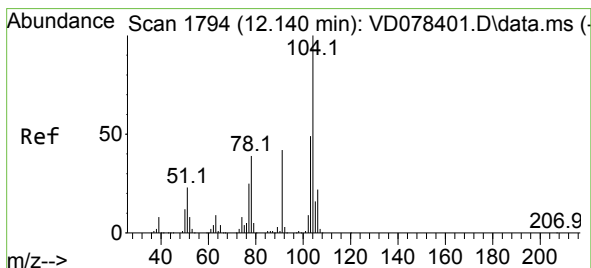
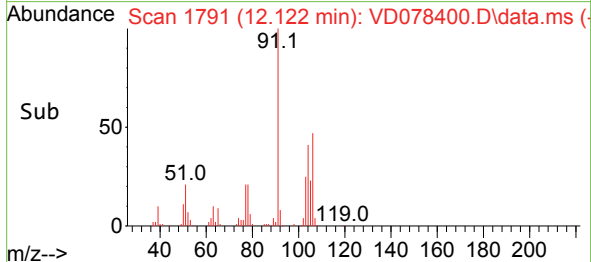
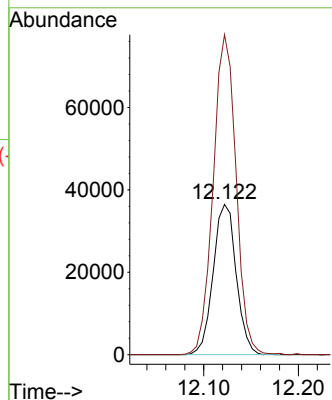
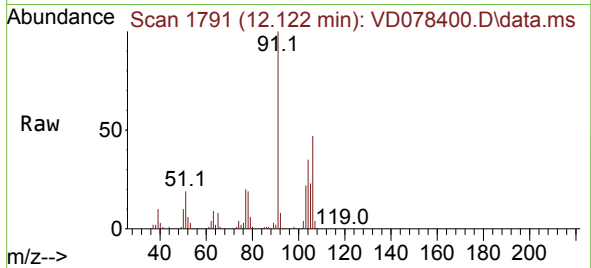




#69
o-Xylene
Concen: 20.353 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

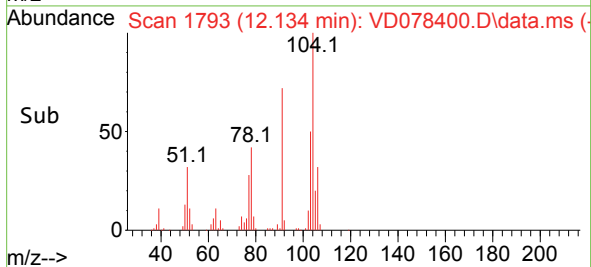
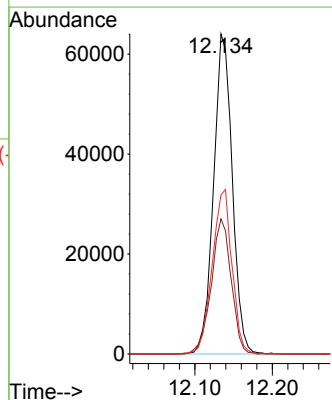
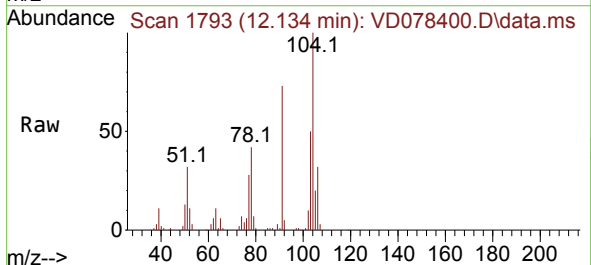
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

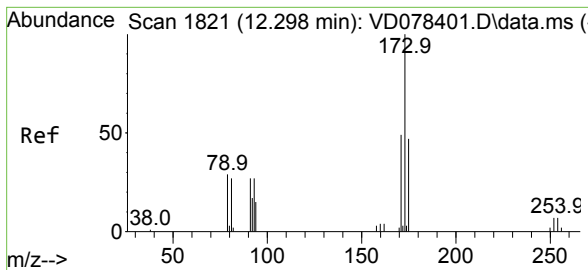
Tgt Ion:106 Resp: 61643
Ion Ratio Lower Upper
106 100
91 211.6 97.9 293.6



#70
Styrene
Concen: 21.722 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:104 Resp: 107370
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 54.2 43.6 65.4

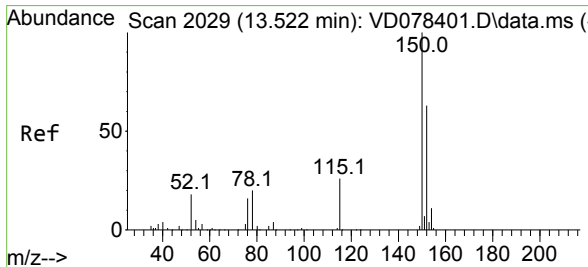
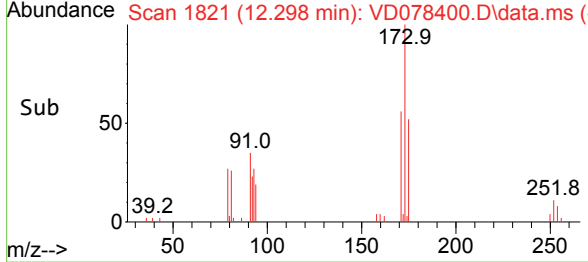
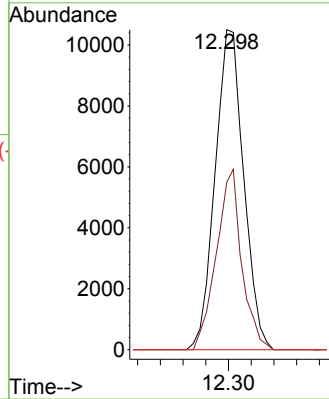
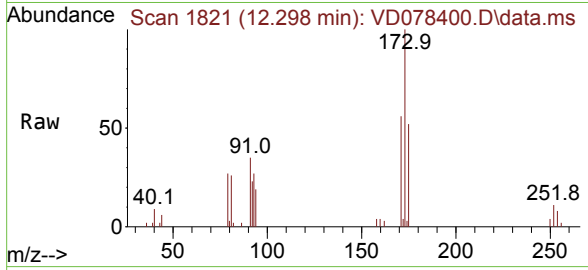




#71
Bromoform
Concen: 19.943 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

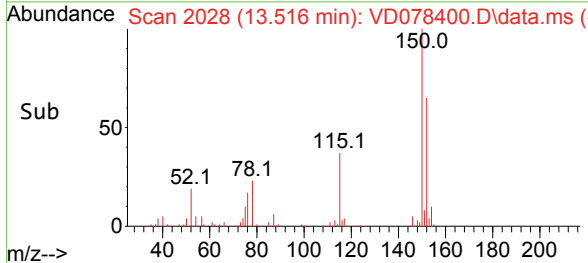
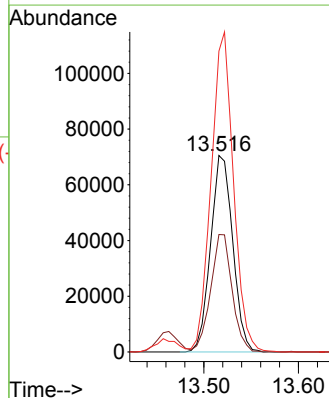
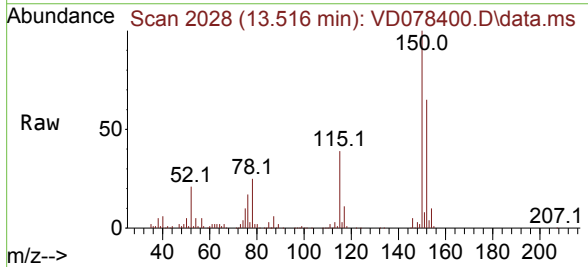
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

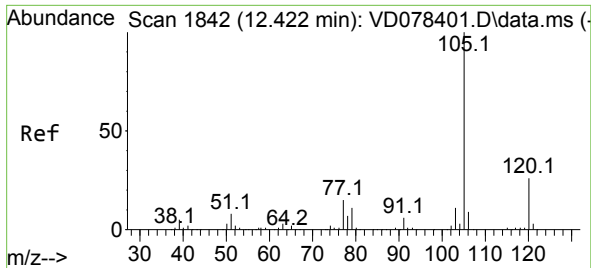
Tgt Ion:	173	Resp:	18318
Ion Ratio	Lower	Upper	
173	100		
175	50.2	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:	152	Resp:	114679
Ion Ratio	Lower	Upper	
152	100		
115	57.8	27.1	81.3
150	164.2	0.0	353.6

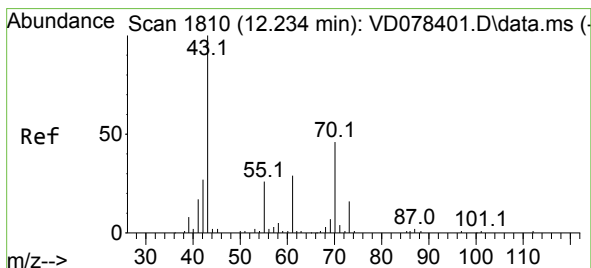
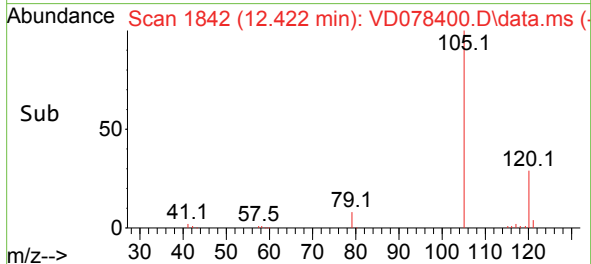
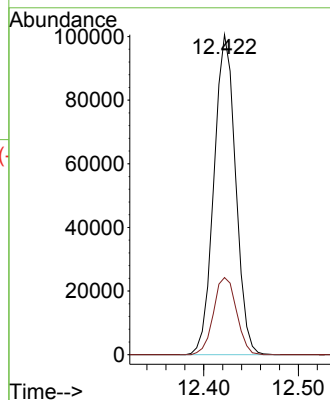
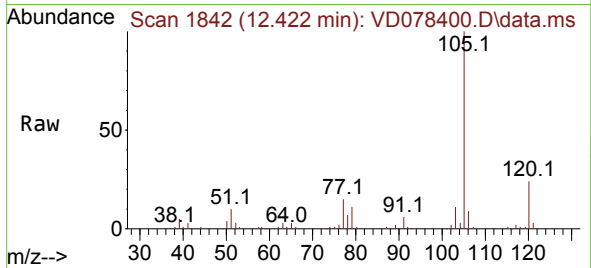




#73
Isopropylbenzene
Concen: 20.735 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

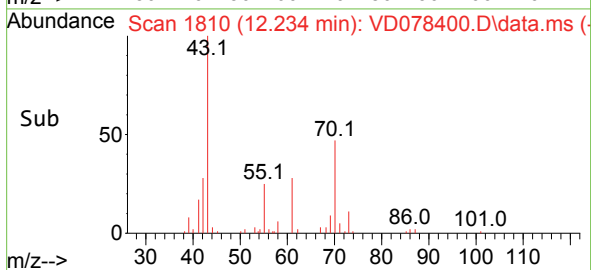
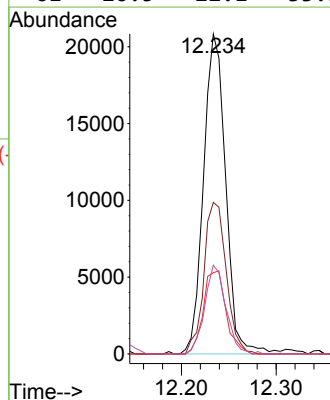
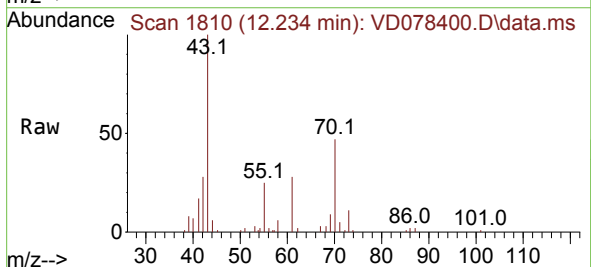
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

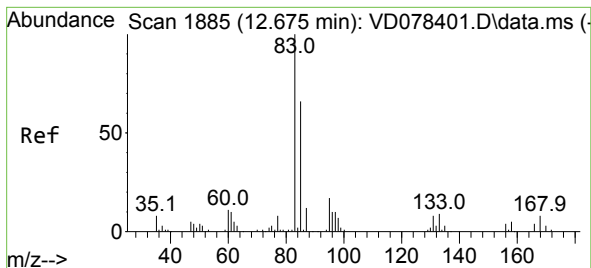
Tgt Ion:105 Resp: 159668
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9



#74
N-ethyl acetate
Concen: 23.270 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 43 Resp: 33900
Ion Ratio Lower Upper
43 100
70 47.8 45.0 67.4
55 26.7 23.8 35.6
61 26.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.678 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

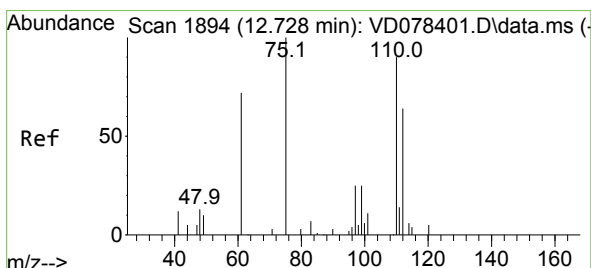
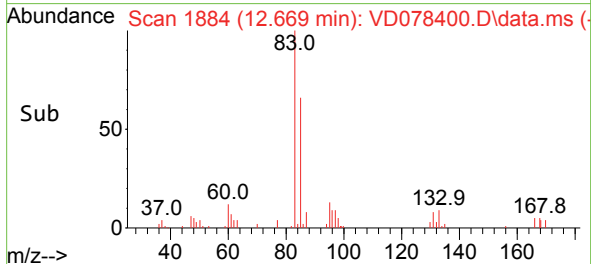
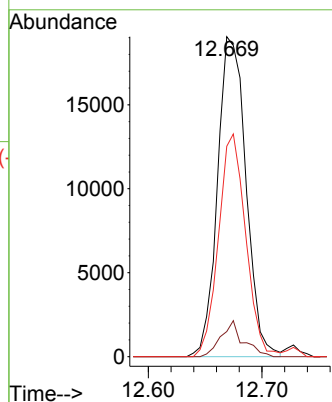
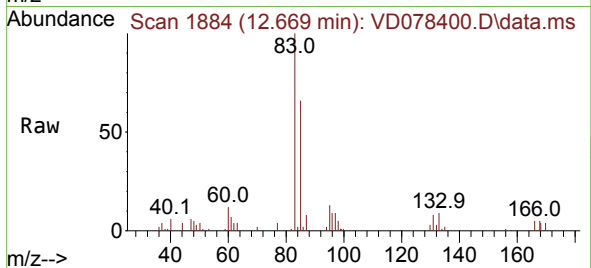
Tgt Ion: 83 Resp: 33114

Ion Ratio Lower Upper

83 100

131 8.8 5.1 15.3

85 66.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 40.406 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD078400.D

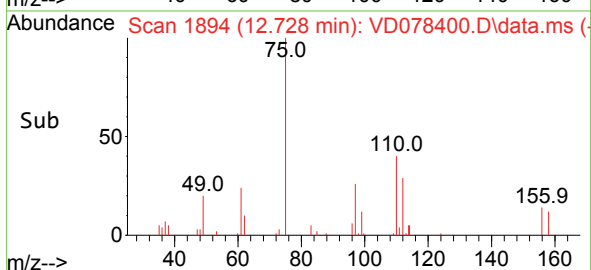
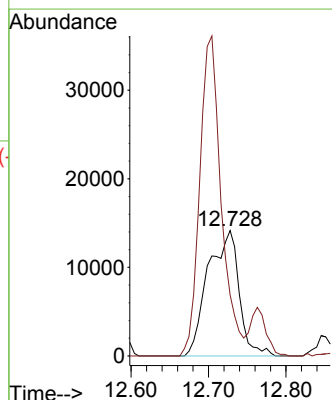
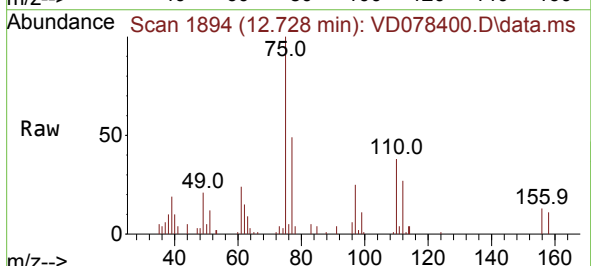
Acq: 13 Feb 2024 11:26

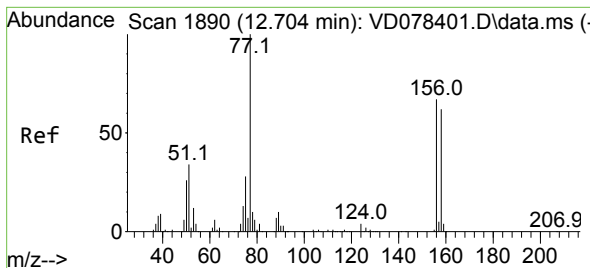
Tgt Ion: 75 Resp: 39442

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.067 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

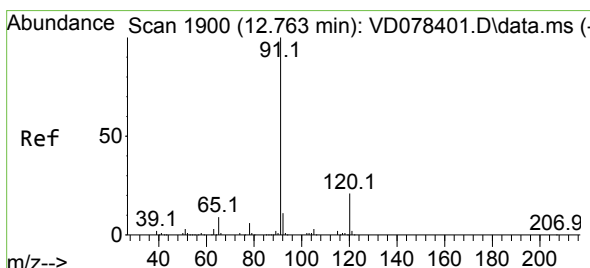
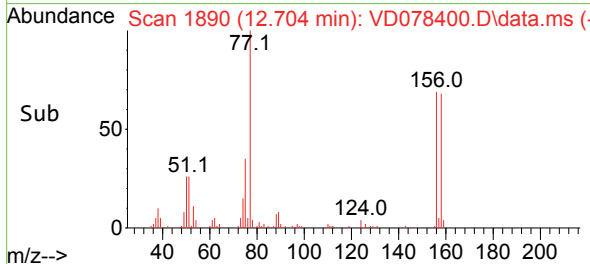
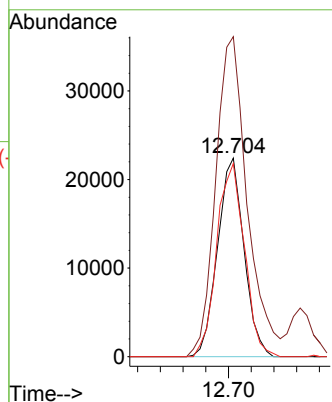
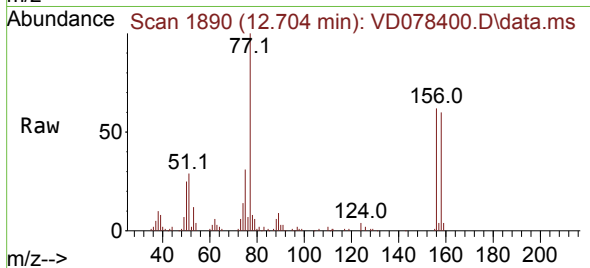
Tgt Ion:156 Resp: 36316

Ion Ratio Lower Upper

156 100

77 191.6 76.8 230.4

158 101.5 48.6 145.9



#78

n-propylbenzene

Concen: 21.360 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078400.D

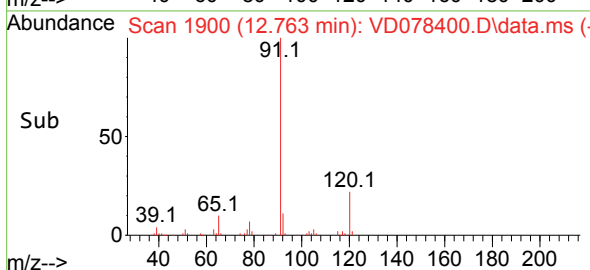
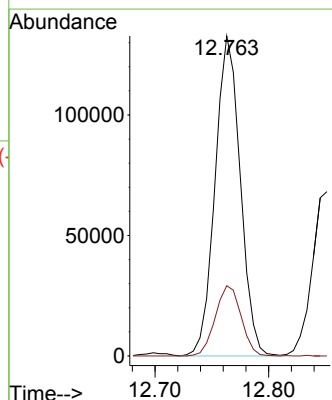
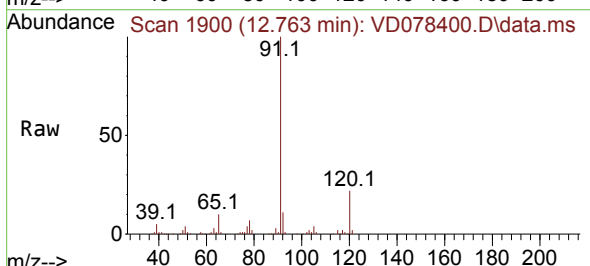
Acq: 13 Feb 2024 11:26

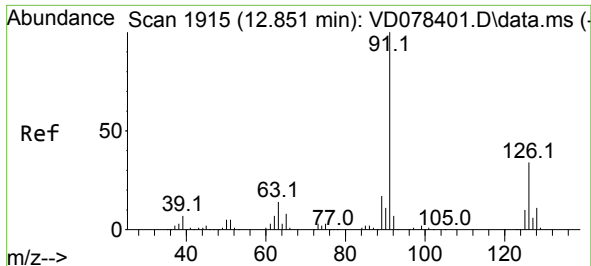
Tgt Ion: 91 Resp: 204982

Ion Ratio Lower Upper

91 100

120 22.4 12.4 37.2

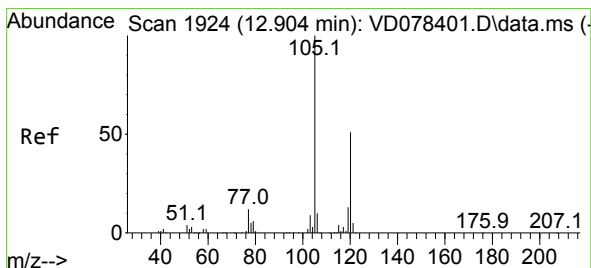
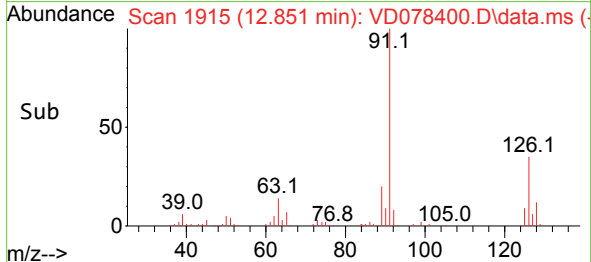
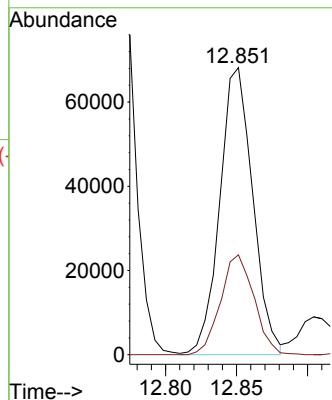
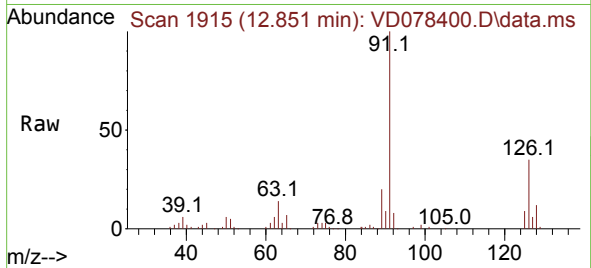




#79
2-Chlorotoluene
Concen: 21.445 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

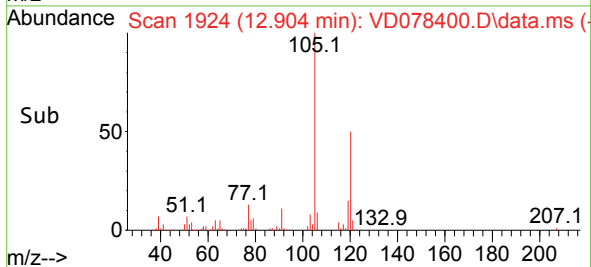
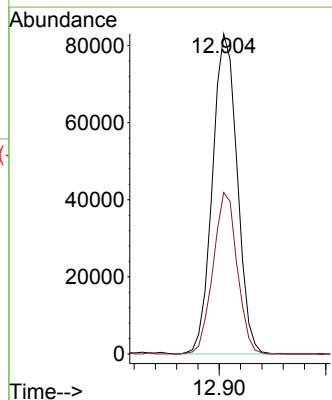
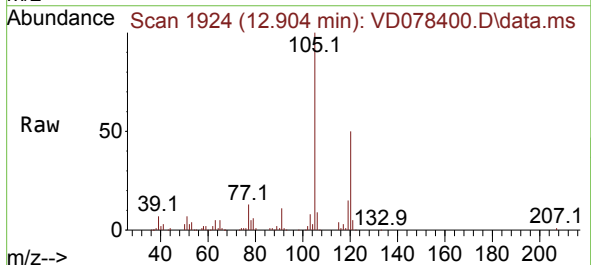
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

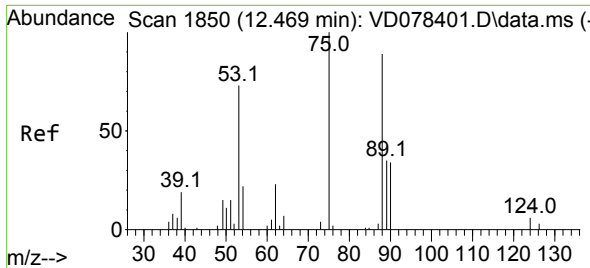
Tgt Ion: 91 Resp: 110222
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.893 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion: 105 Resp: 133598
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2

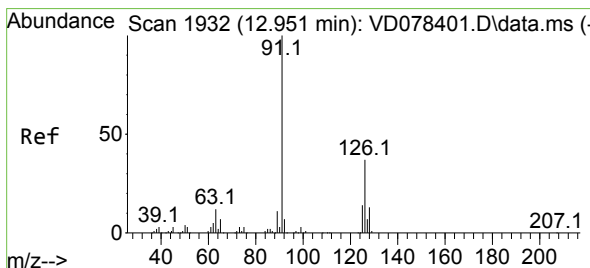
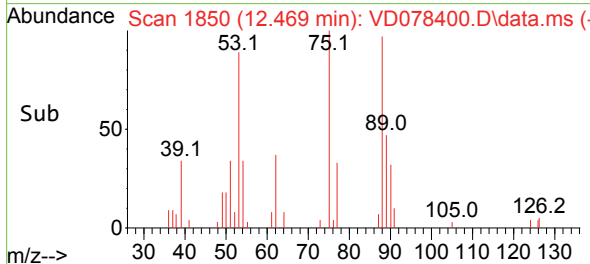
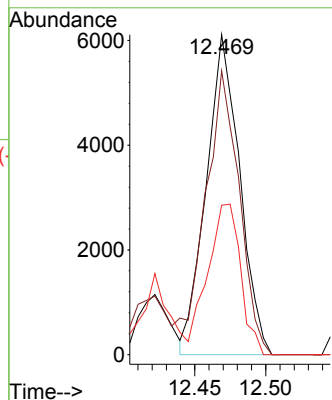
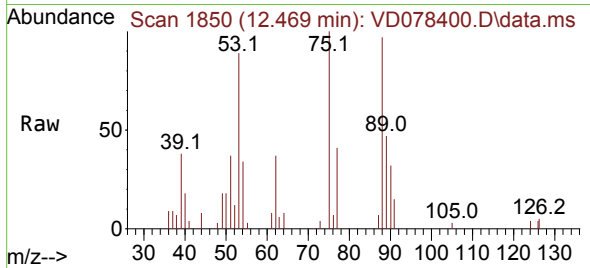




#81
trans-1,4-Dichloro-2-butene
Concen: 21.362 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

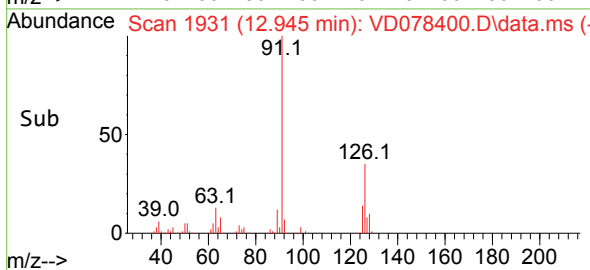
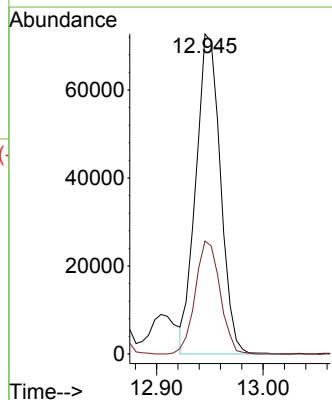
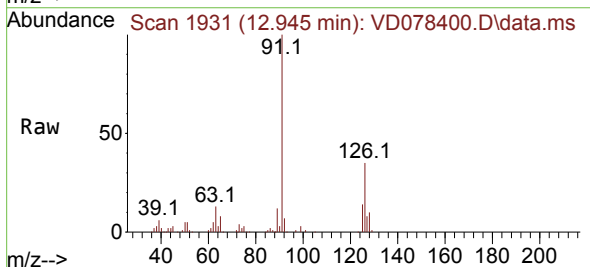
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

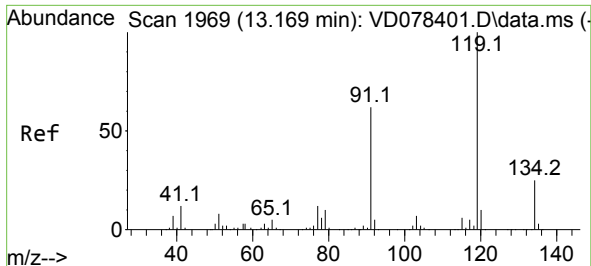
Tgt Ion:	75	Resp:	10018
Ion	Ratio	Lower	Upper
75	100		
53	90.8	63.0	94.4
89	46.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 21.111 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:	91	Resp:	116537
Ion	Ratio	Lower	Upper
91	100		
126	35.7	19.4	58.4

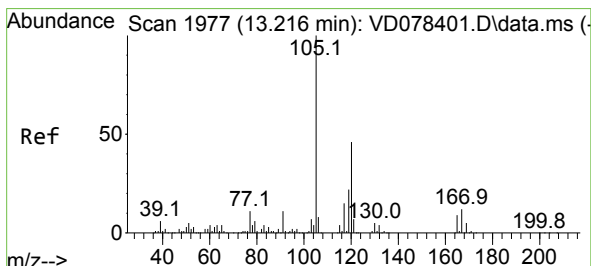
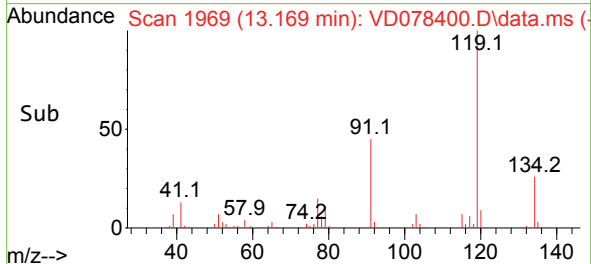
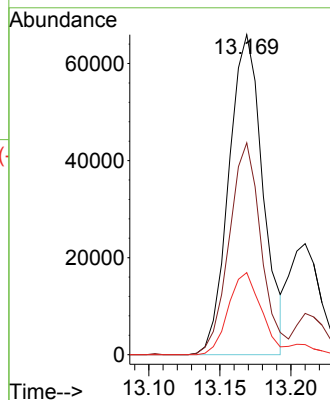
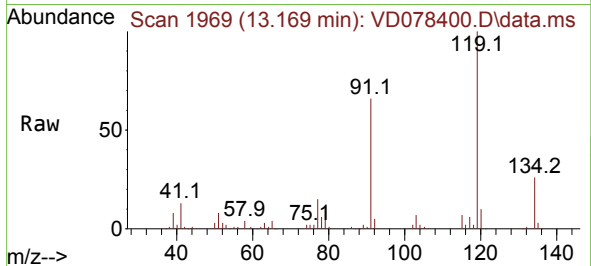




#83
tert-Butylbenzene
Concen: 20.458 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

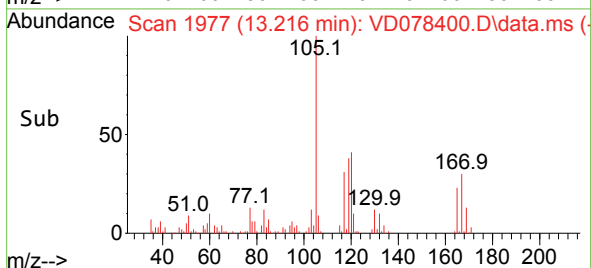
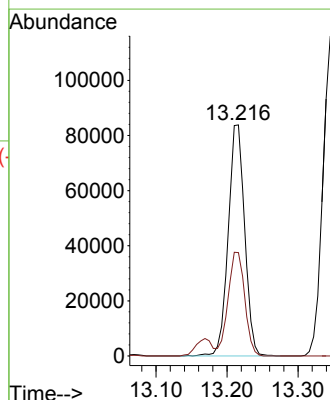
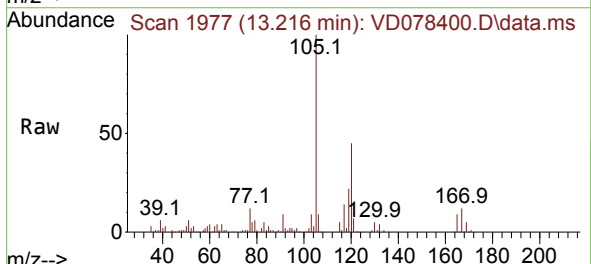
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

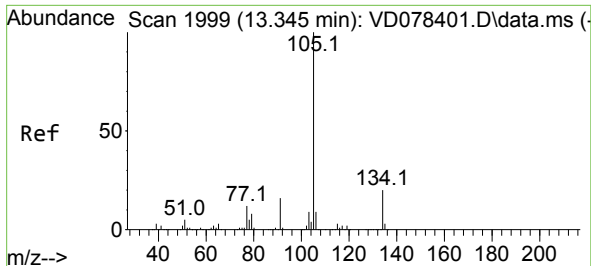
Tgt Ion:119 Resp: 110322
Ion Ratio Lower Upper
119 100
91 62.7 29.3 87.8
134 25.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.788 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:105 Resp: 134903
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

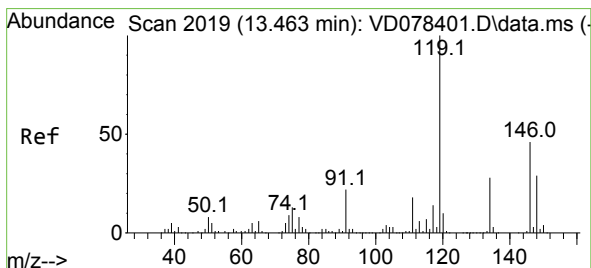
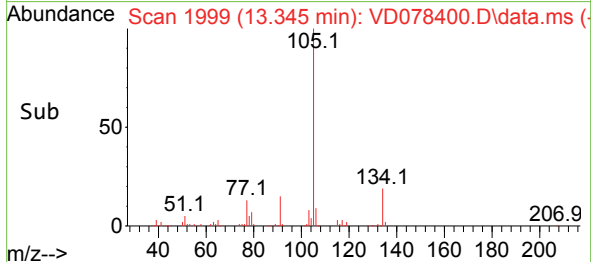
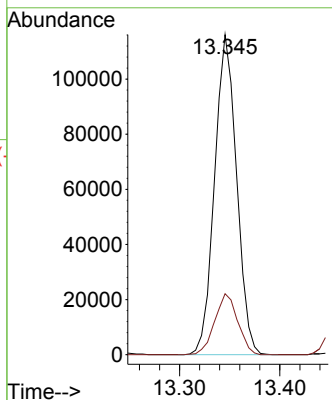
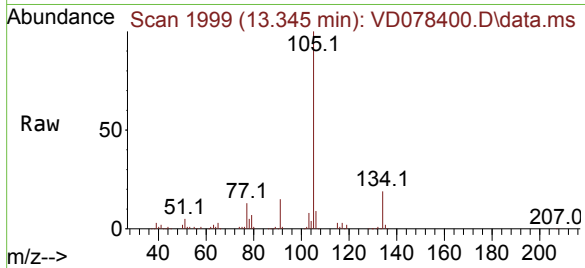




#85
 sec-Butylbenzene
 Concen: 21.137 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

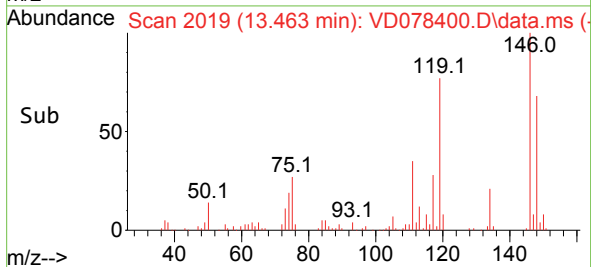
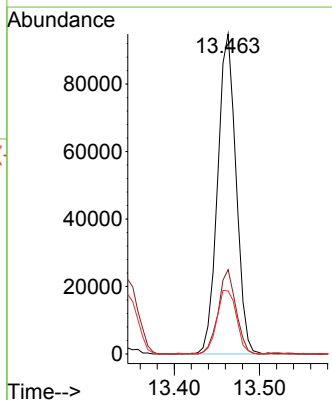
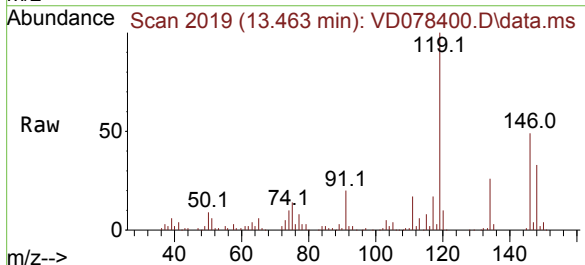
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

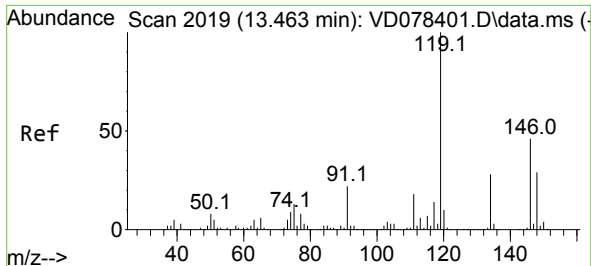
Tgt Ion:105 Resp: 176769
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.009 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Tgt Ion:119 Resp: 142534
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 21.3 10.5 31.5

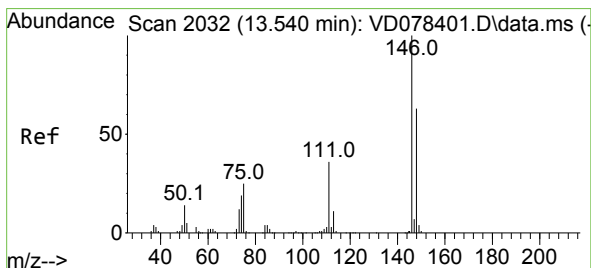
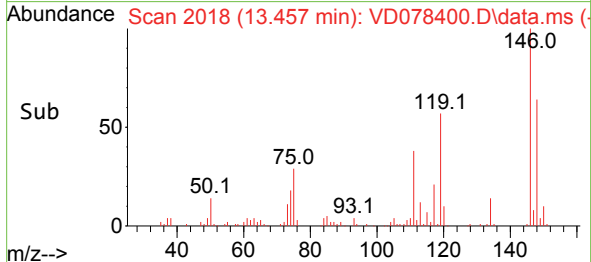
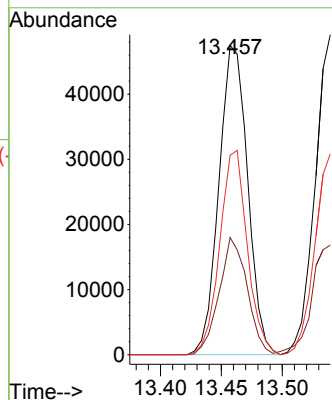
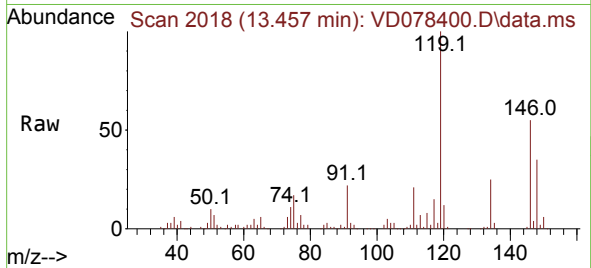




#87
1,3-Dichlorobenzene
Concen: 20.209 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

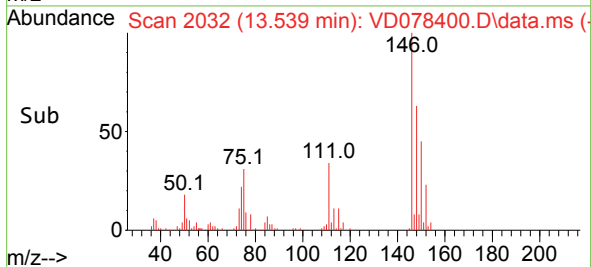
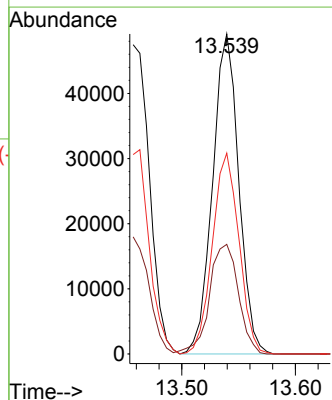
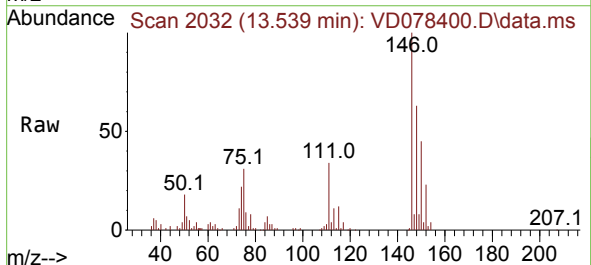
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

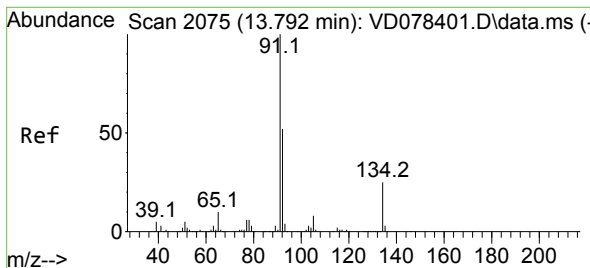
Tgt Ion:146 Resp: 78059
Ion Ratio Lower Upper
146 100
111 37.0 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.739 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078400.D
Acq: 13 Feb 2024 11:26

Tgt Ion:146 Resp: 78709
Ion Ratio Lower Upper
146 100
111 37.9 17.4 52.3
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 20.389 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

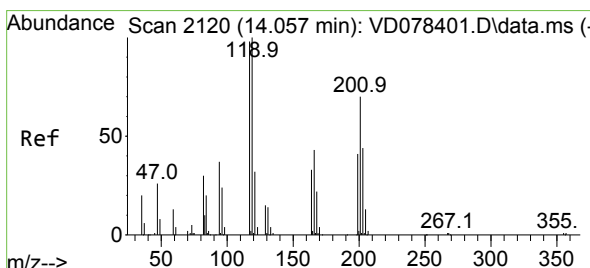
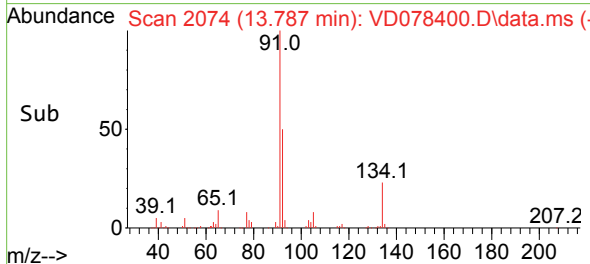
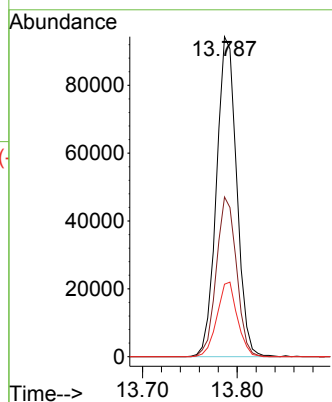
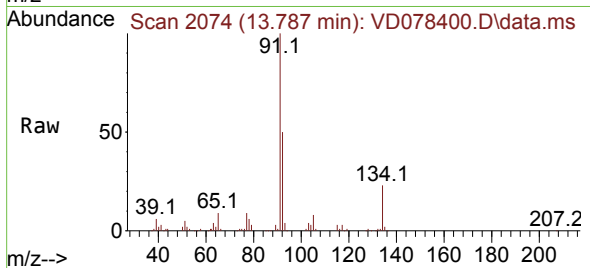
Tgt Ion: 91 Resp: 139989

Ion Ratio Lower Upper

91 100

92 49.8 26.5 79.5

134 23.6 13.8 41.3



#90

Hexachloroethane

Concen: 20.627 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078400.D

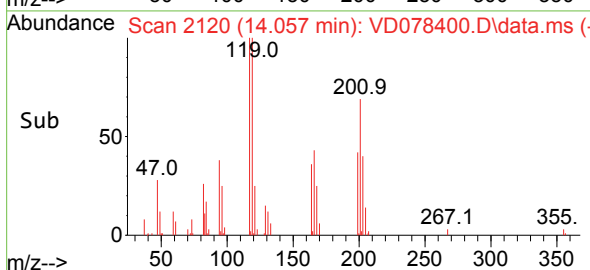
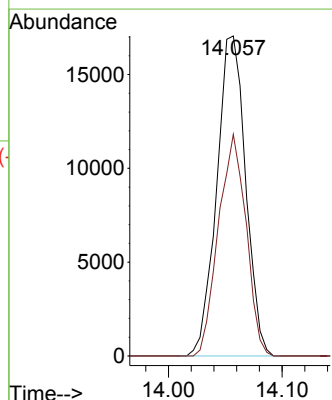
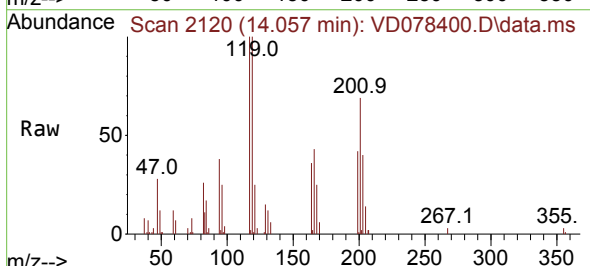
Acq: 13 Feb 2024 11:26

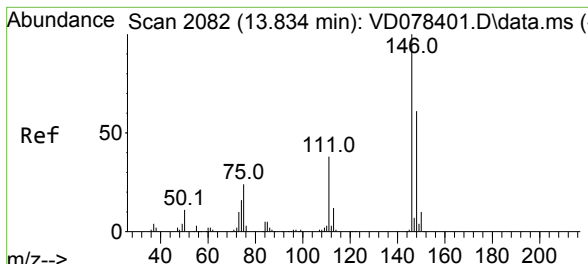
Tgt Ion: 117 Resp: 30199

Ion Ratio Lower Upper

117 100

201 66.1 38.5 115.5

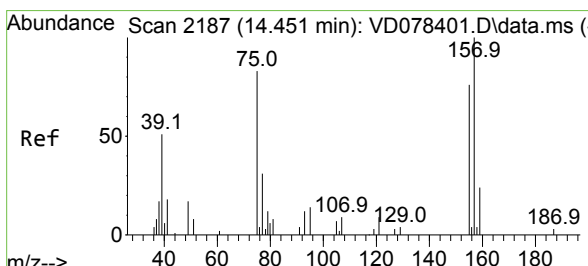
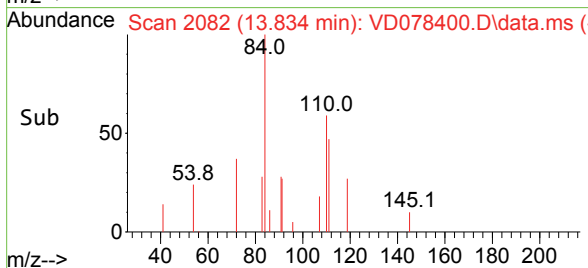
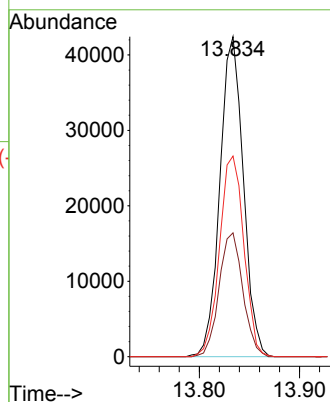
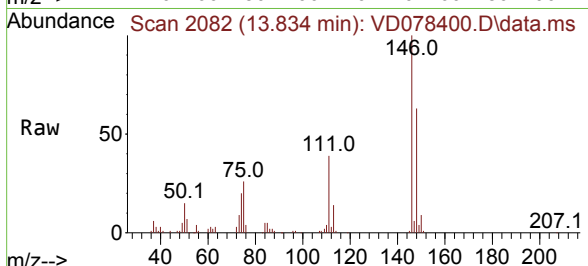




#91
 1,2-Dichlorobenzene
 Concen: 21.235 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

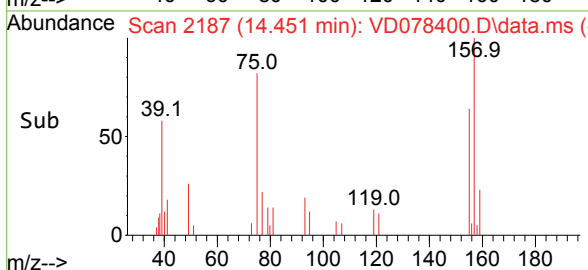
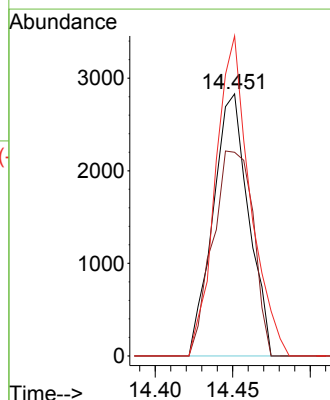
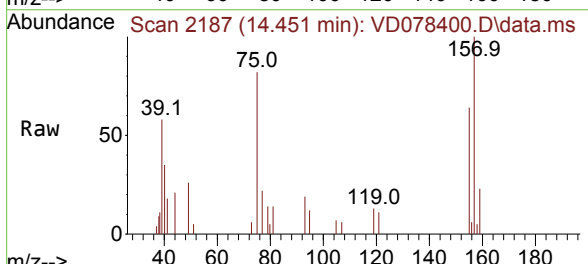
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

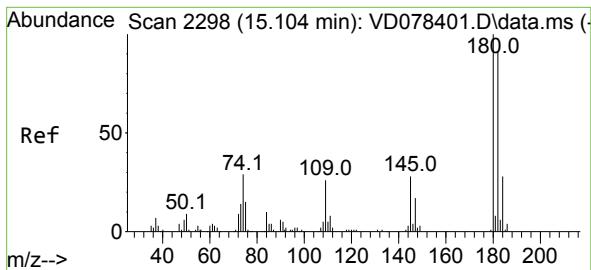
Tgt Ion:146	Resp:	68877
Ion	Ratio	Lower Upper
146	100	
111	39.2	18.3 54.8
148	65.2	31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.523 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD078400.D
 Acq: 13 Feb 2024 11:26

Tgt Ion: 75	Resp:	4505
Ion	Ratio	Lower Upper
75	100	
155	88.9	47.9 143.8
157	118.9	59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.174 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

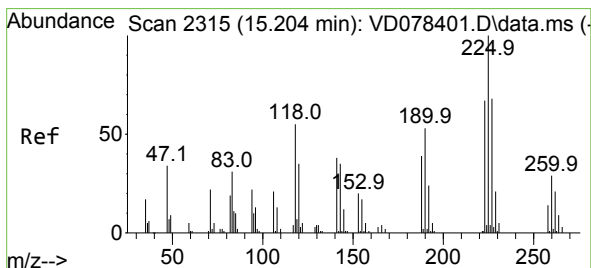
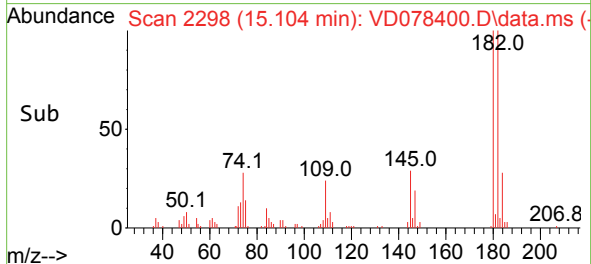
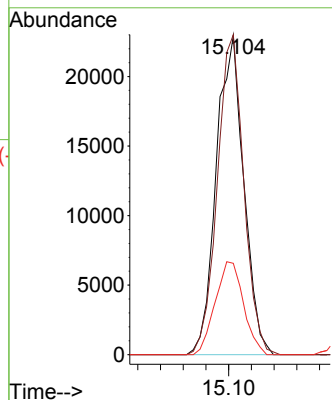
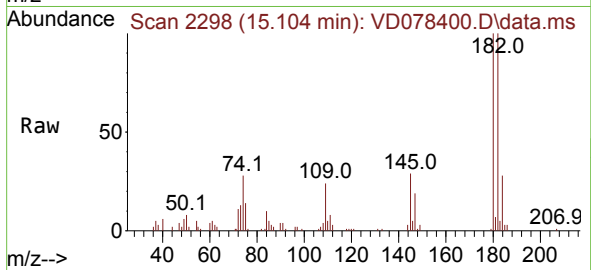
Tgt Ion:180 Resp: 38456

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.030 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

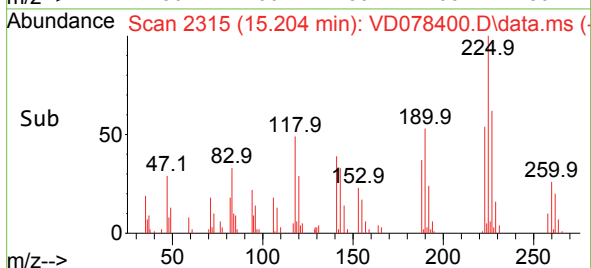
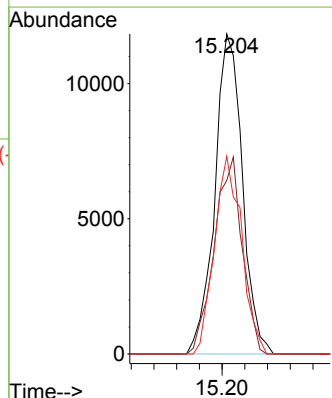
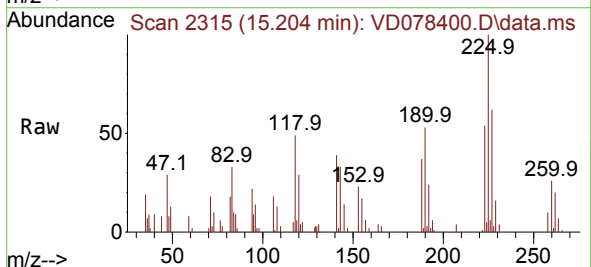
Tgt Ion:225 Resp: 19929

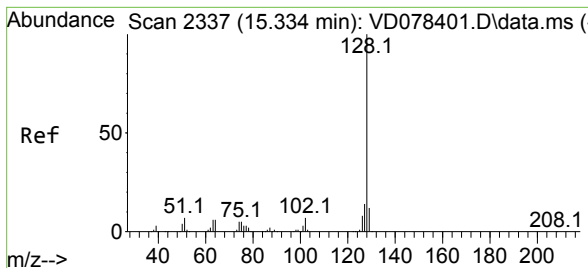
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 61.0 31.7 95.1





#95

Naphthalene

Concen: 20.469 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

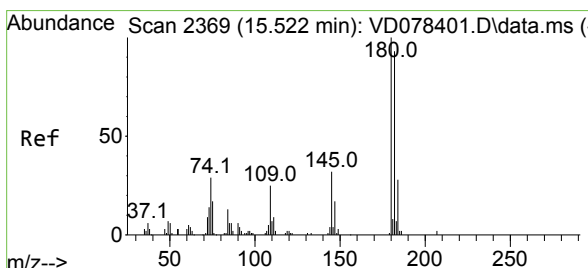
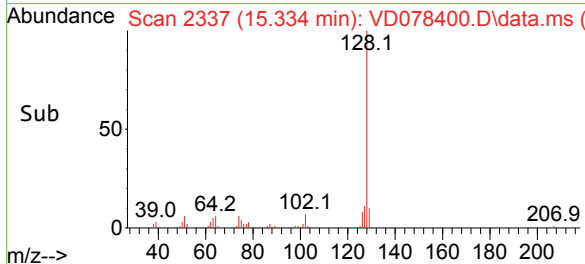
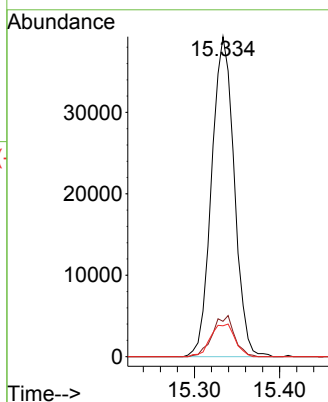
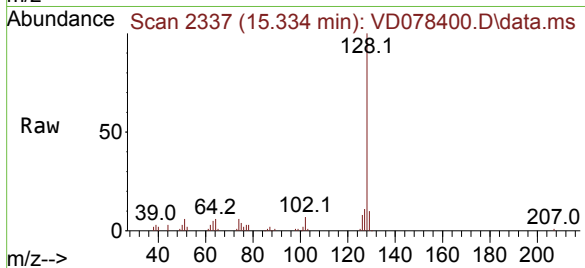
Tgt Ion:128 Resp: 72370

Ion Ratio Lower Upper

128 100

127 11.0 10.5 15.7

129 9.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.878 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078400.D

Acq: 13 Feb 2024 11:26

Tgt Ion:180 Resp: 32114

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 32.8 15.1 45.3

