

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078402.D
 Acq On : 13 Feb 2024 13:57
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 14 00:51:05 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	7.881	168	177798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	291770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	151237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	177575	92.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.740%#	
35) Dibromofluoromethane	7.804	113	191581	103.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 206.740%#	
50) Toluene-d8	10.269	98	782522	105.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 211.100%#	
62) 4-Bromofluorobenzene	12.575	95	229887	106.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 213.100%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	163961	93.594	ug/l	96
3) Chloromethane	2.152	50	278880	86.624	ug/l	99
4) Vinyl Chloride	2.287	62	444905	90.564	ug/l	98
5) Bromomethane	2.681	94	315670	93.092	ug/l	98
6) Chloroethane	2.834	64	317933	88.752	ug/l	100
7) Trichlorofluoromethane	3.175	101	292460	88.251	ug/l	95
8) Diethyl Ether	3.599	74	86746	90.879	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.963	101	179376	85.801	ug/l	95
10) Methyl Iodide	4.164	142	193487	103.332	ug/l	92
11) Tert butyl alcohol	5.063	59	48600	471.443	ug/l	98
12) 1,1-Dichloroethene	3.940	96	173758	89.648	ug/l #	84
13) Acrolein	3.799	56	88078	495.935	ug/l	98
14) Allyl chloride	4.563	41	214490	89.578	ug/l	92
15) Acrylonitrile	5.258	53	183125	448.160	ug/l	98
16) Acetone	4.022	43	168960	497.799	ug/l	88
17) Carbon Disulfide	4.269	76	562141	86.192	ug/l	99
18) Methyl Acetate	4.563	43	147703	99.385	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	391784	95.139	ug/l	98
20) Methylene Chloride	4.805	84	202961	96.043	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	205926	90.312	ug/l	96
22) Diisopropyl ether	6.222	45	477436	90.466	ug/l	95
23) Vinyl Acetate	6.158	43	1179981	533.432	ug/l	93
24) 1,1-Dichloroethane	6.116	63	327927	87.714	ug/l	98
25) 2-Butanone	7.087	43	229283	485.562	ug/l	93
26) 2,2-Dichloropropane	7.081	77	281184	89.718	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	227525	90.949	ug/l	94
28) Bromochloromethane	7.428	49	138309	93.403	ug/l	84
29) Tetrahydrofuran	7.446	42	133234	466.022	ug/l	94
30) Chloroform	7.599	83	350635	88.643	ug/l	96
31) Cyclohexane	7.881	56	281061	86.427	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	301238	89.321	ug/l	100
36) 1,1-Dichloropropene	8.010	75	277752	96.469	ug/l	97
37) Ethyl Acetate	7.175	43	95599	94.719	ug/l	95
38) Carbon Tetrachloride	7.993	117	272973	95.735	ug/l	96
39) Methylcyclohexane	9.275	83	344733	100.856	ug/l	97
40) Benzene	8.252	78	812554	97.638	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	49389	94.027	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	202090	93.850	ug/l	96
43) Isopropyl Acetate	8.363	43	184322	98.624	ug/l	94
44) Trichloroethene	9.028	130	208557	98.232	ug/l	90
45) 1,2-Dichloropropane	9.304	63	194074	95.047	ug/l	99
46) Dibromomethane	9.393	93	111387	96.986	ug/l	92
47) Bromodichloromethane	9.587	83	270148	94.968	ug/l	97
48) Methyl methacrylate	9.381	41	107632	108.550	ug/l	85
49) 1,4-Dioxane	9.387	88	25669	2063.813	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	480999	484.908	ug/l	95
52) Toluene	10.334	92	535988	101.846	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	258767	99.693	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	306733	97.455	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	154208	99.704	ug/l	98
56) Ethyl methacrylate	10.598	69	131074	91.632	ug/l	93
57) 1,3-Dichloropropane	10.881	76	249205	94.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	483682	574.044	ug/l	96
59) 2-Hexanone	10.922	43	350253	469.852	ug/l	93
60) Dibromochloromethane	11.075	129	186306	100.116	ug/l	97
61) 1,2-Dibromoethane	11.181	107	145799	100.412	ug/l	100
64) Tetrachloroethene	10.810	164	170379	95.724	ug/l	93
65) Chlorobenzene	11.610	112	552743	97.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	205037	98.483	ug/l	97
67) Ethyl Benzene	11.687	91	1031779	101.647	ug/l	98
68) m/p-Xylenes	11.793	106	825408	208.468	ug/l	93
69) o-Xylene	12.122	106	372391	103.063	ug/l	92
70) Styrene	12.134	104	575029	97.513	ug/l	97
71) Bromoform	12.298	173	108919	99.396	ug/l #	98
73) Isopropylbenzene	12.422	105	993552	97.835	ug/l	96
74) N-amyl acetate	12.234	43	166194	86.504	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	172878	85.817	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	212919	165.399	ug/l #	100
77) Bromobenzene	12.704	156	230461	96.562	ug/l	93
78) n-propylbenzene	12.763	91	1201536	94.941	ug/l	96
79) 2-Chlorotoluene	12.851	91	629226	92.829	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	835707	99.104	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	54847	88.682	ug/l	99
82) 4-Chlorotoluene	12.951	91	675503	92.789	ug/l	98
83) tert-Butylbenzene	13.169	119	714053	100.404	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	856449	100.072	ug/l	98
85) sec-Butylbenzene	13.345	105	1053347	95.505	ug/l	96
86) p-Isopropyltoluene	13.463	119	966438	102.877	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	495754	97.324	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	470229	93.950	ug/l	98
89) n-Butylbenzene	13.792	91	873840	96.508	ug/l	98
90) Hexachloroethane	14.057	117	176756	91.546	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	411046	96.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	23787	90.179	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	244486	97.254	ug/l	97
94) Hexachlorobutadiene	15.204	225	121338	92.472	ug/l	99
95) Naphthalene	15.334	128	477930	102.501	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	210504	98.804	ug/l	97

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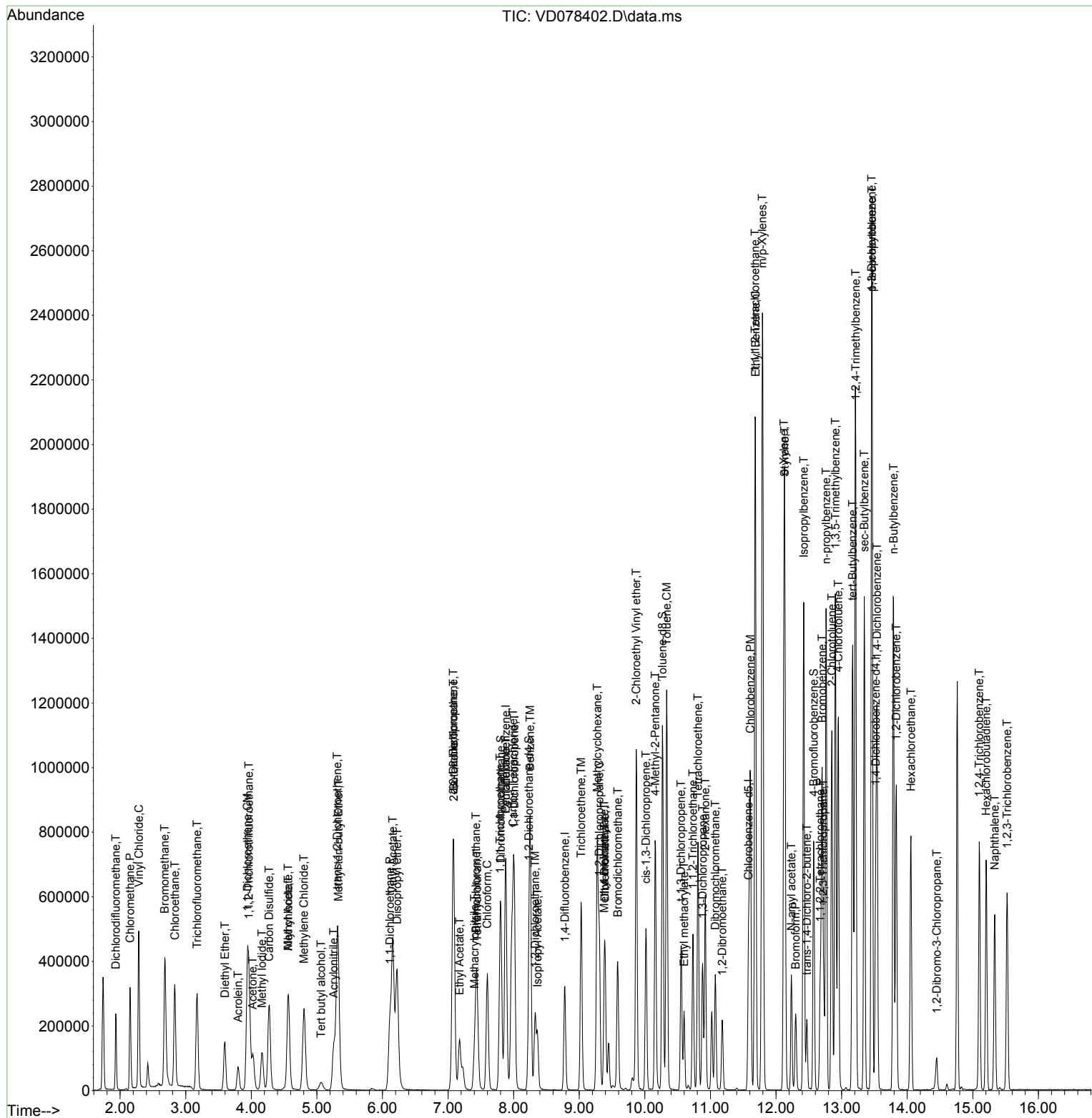
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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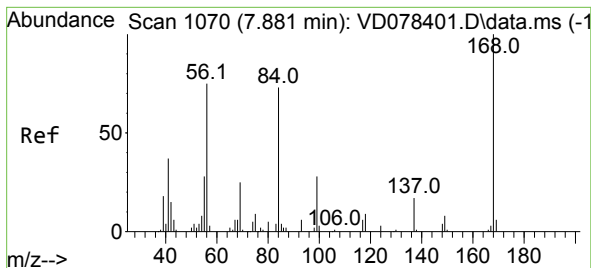
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

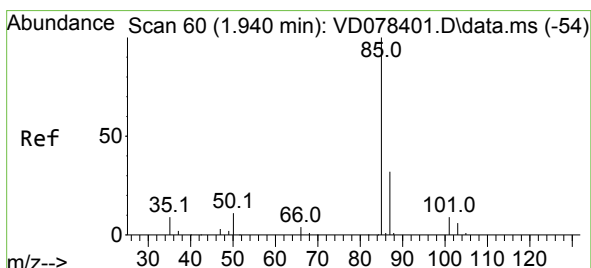
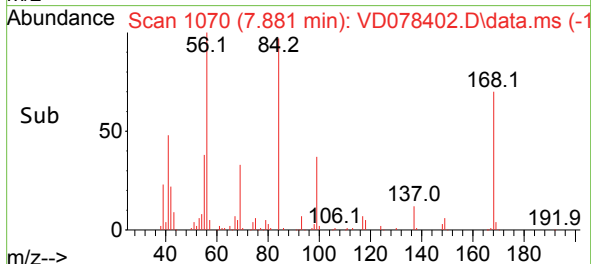
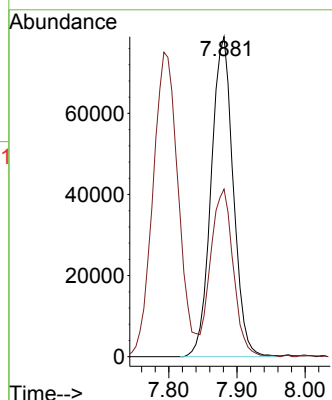
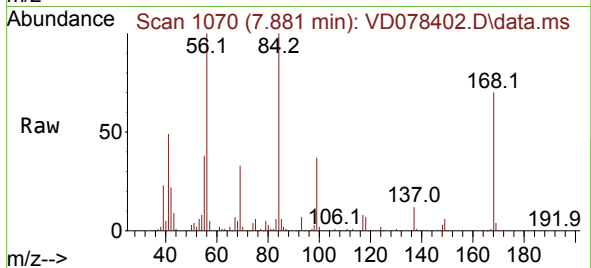
VSTDICC100

Tgt Ion:168 Resp: 177798

Ion Ratio Lower Upper

168 100

99 52.4 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 93.594 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078402.D

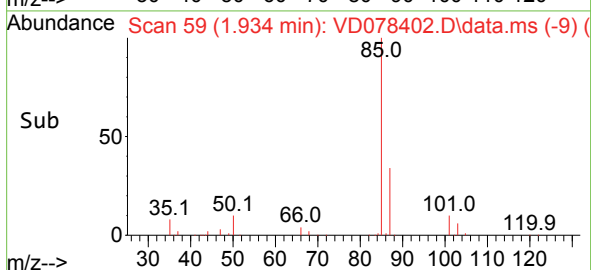
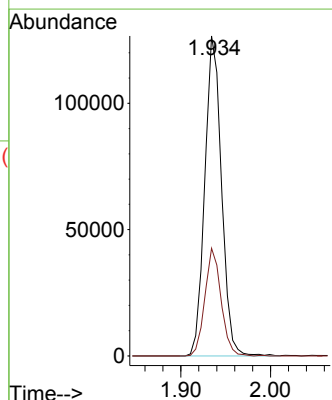
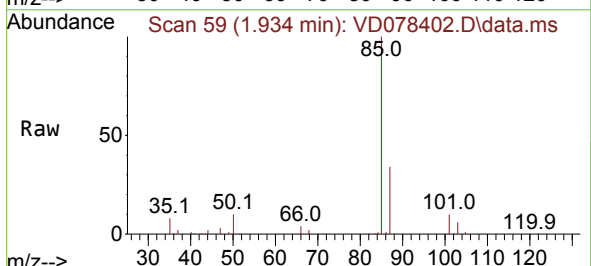
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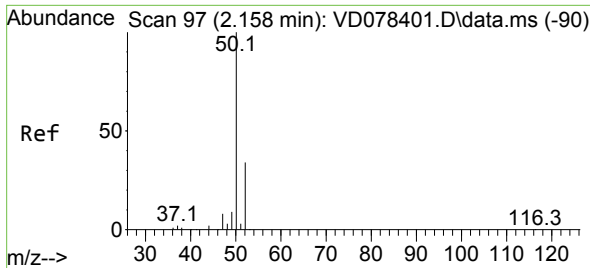
Tgt Ion: 85 Resp: 163961

Ion Ratio Lower Upper

85 100

87 33.7 15.7 47.0

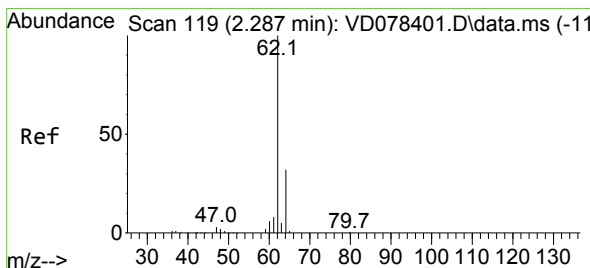
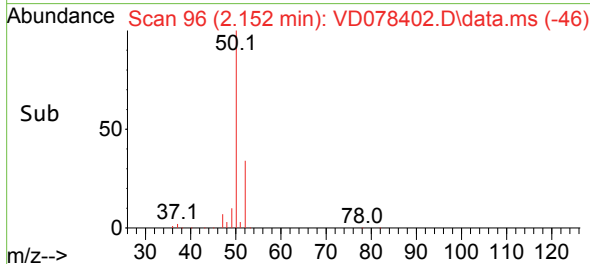
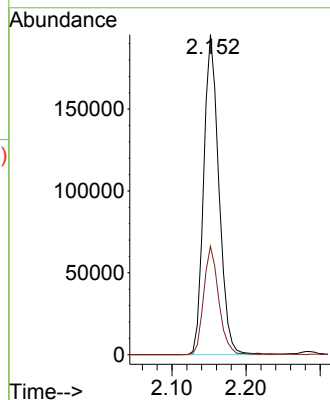
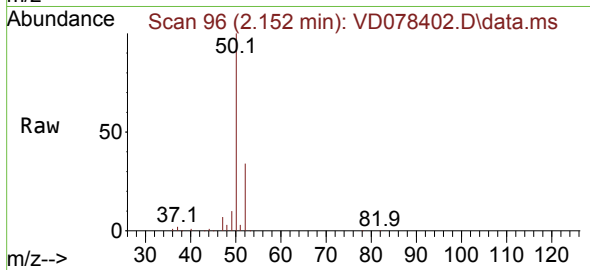




#3
Chloromethane
Concen: 86.624 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078402.D
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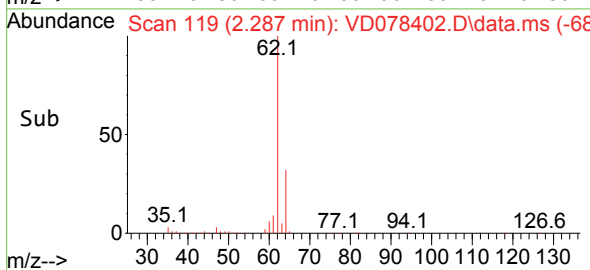
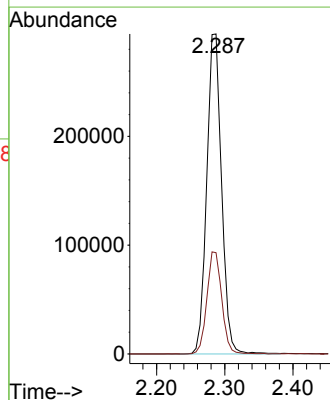
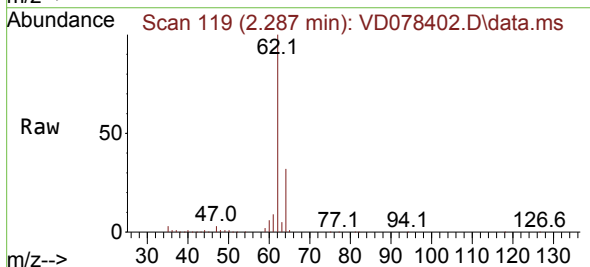
Instrument :
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VSTDIC100

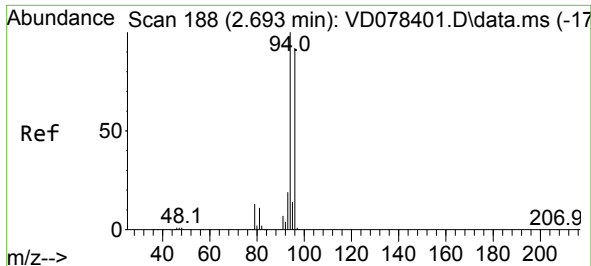
Tgt Ion: 50 Resp: 278880
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 90.564 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 62 Resp: 444905
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

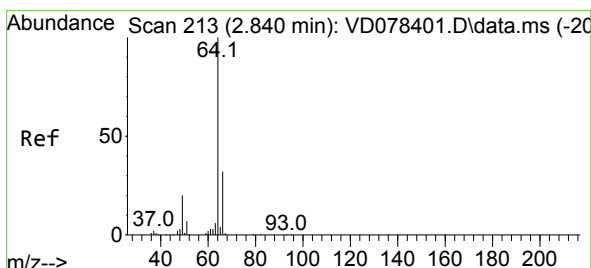
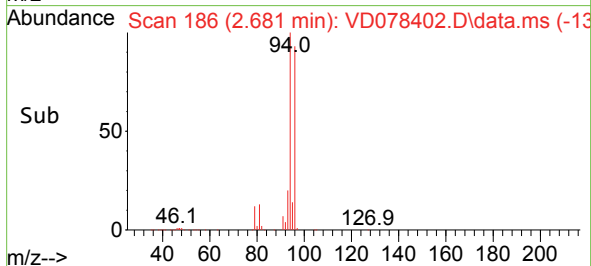
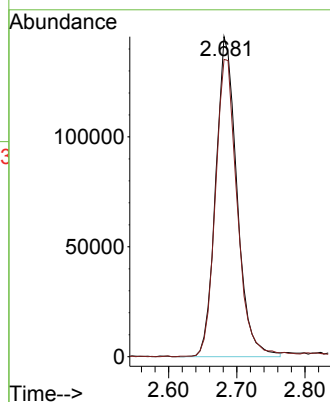
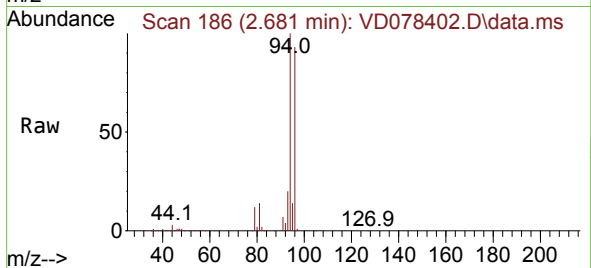




#5
Bromomethane
Concen: 93.092 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078402.D
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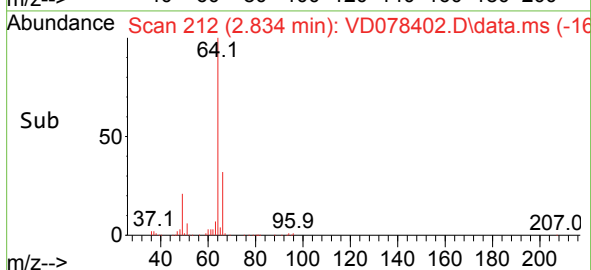
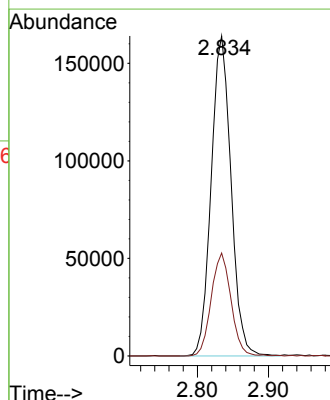
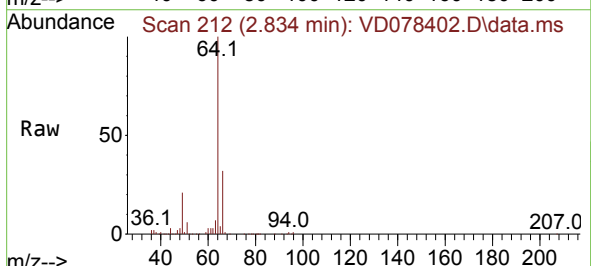
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 315670
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 88.752 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 64 Resp: 317933
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3

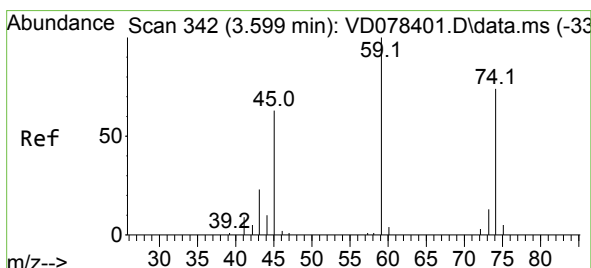
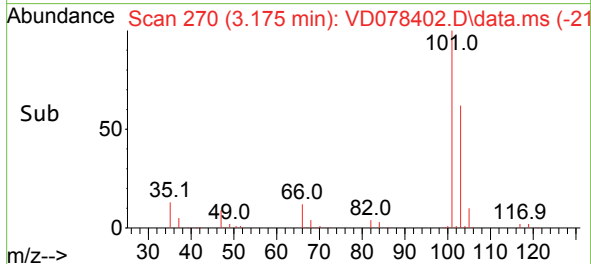
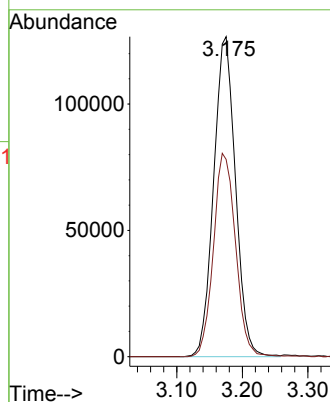
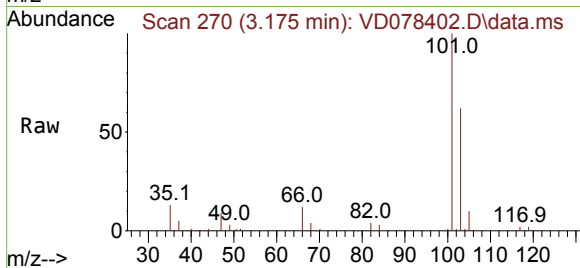




#7
 Trichlorofluoromethane
 Concen: 88.251 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078402.D
 Acq: 13 Feb 2024 13:57

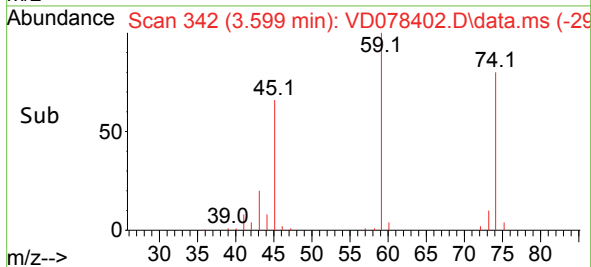
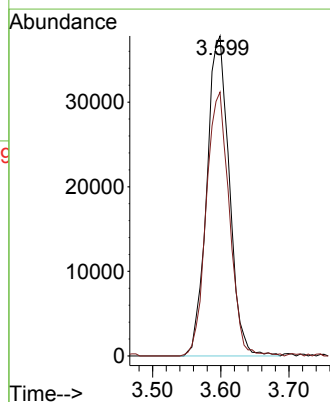
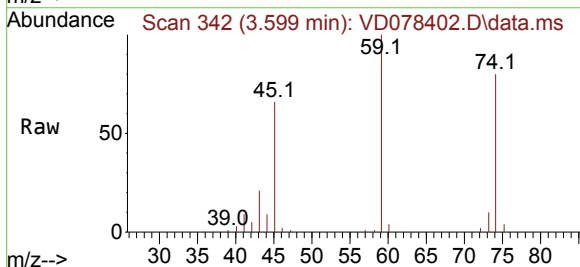
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 292460
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 90.879 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078402.D
 Acq: 13 Feb 2024 13:57

Tgt Ion: 74 Resp: 86746
 Ion Ratio Lower Upper
 74 100
 45 85.1 37.5 112.7

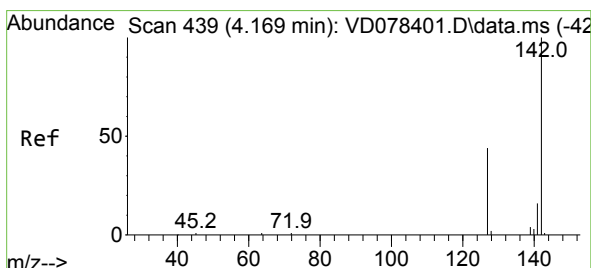
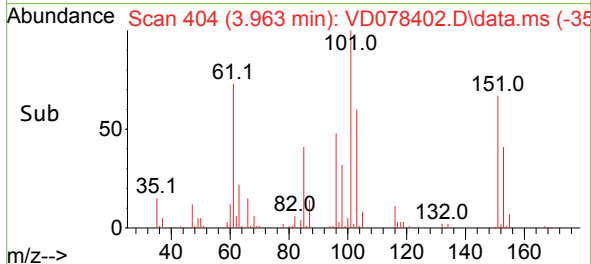
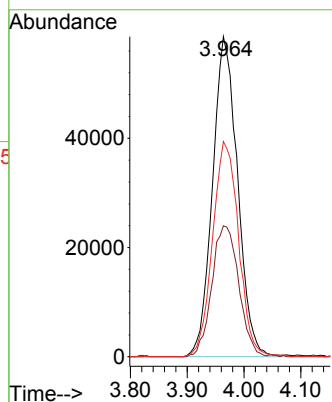
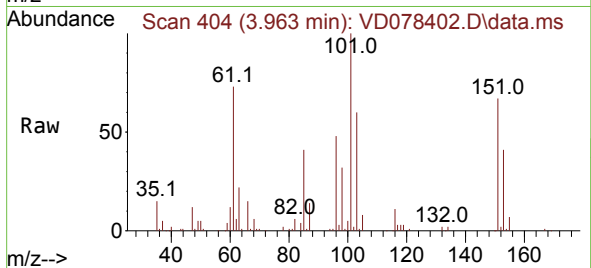




#9
1,1,2-Trichlorotrifluoroethane
Concen: 85.801 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

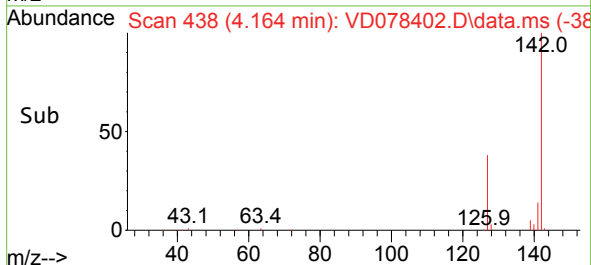
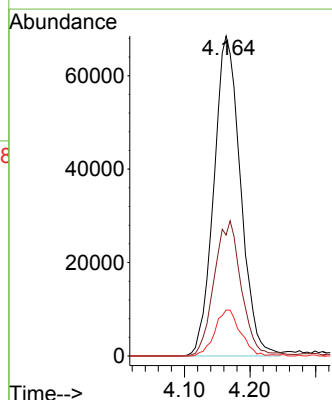
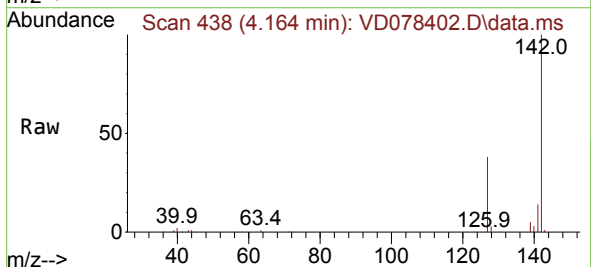
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

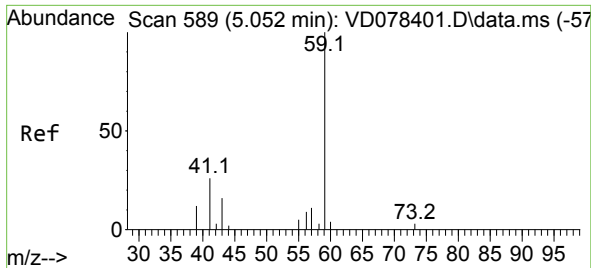
Tgt Ion:101 Resp: 179376
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 69.8 59.8 89.6



#10
Methyl Iodide
Concen: 103.332 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:142 Resp: 193487
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 13.8 11.1 16.7

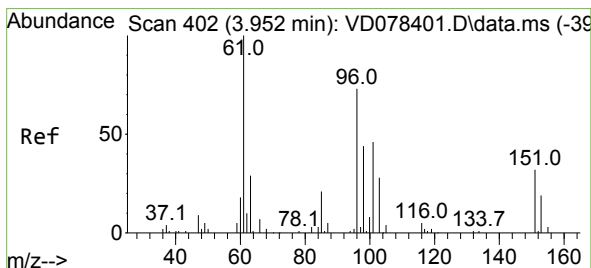
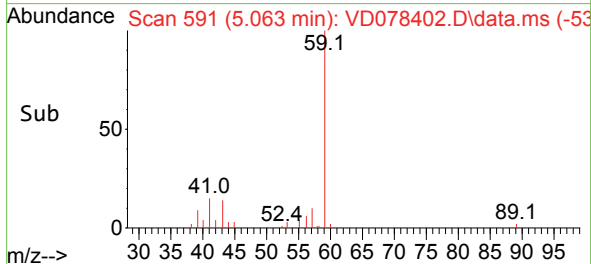
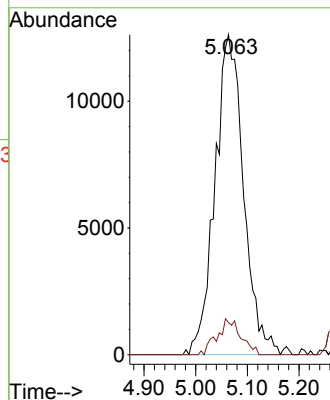
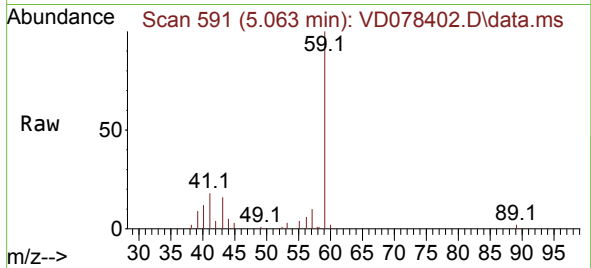




#11
Tert butyl alcohol
Concen: 471.443 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

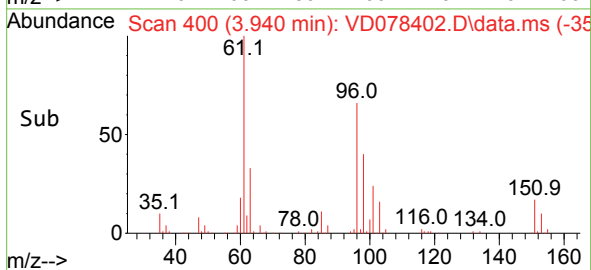
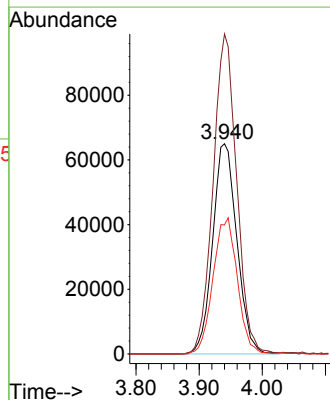
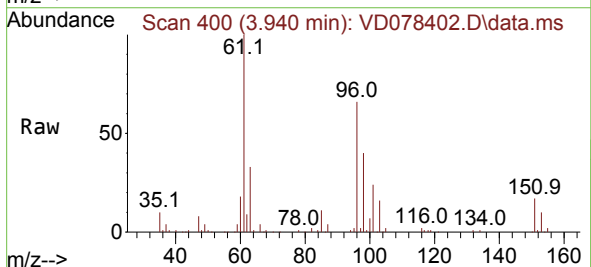
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

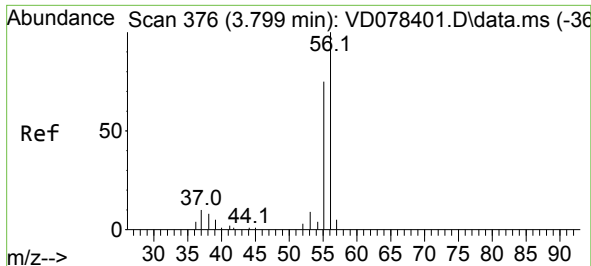
Tgt Ion: 59 Resp: 48600
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 89.648 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 96 Resp: 173758
Ion Ratio Lower Upper
96 100
61 152.2 100.6 150.8#
98 61.4 50.2 75.2





#13

Acrolein

Concen: 495.935 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

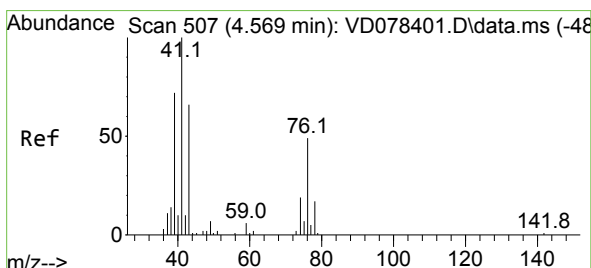
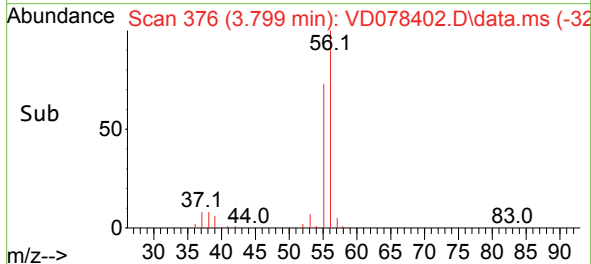
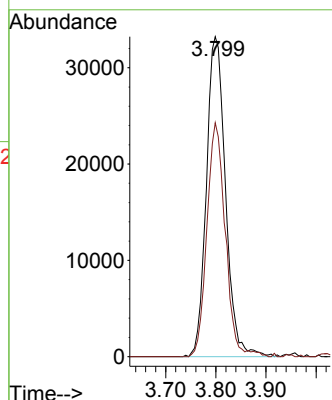
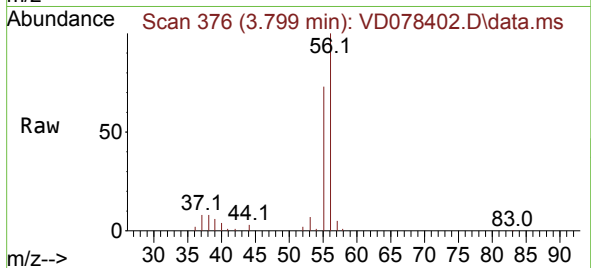
VSTDICC100

Tgt Ion: 56 Resp: 88078

Ion Ratio Lower Upper

56 100

55 70.3 55.1 82.7



#14

Allyl chloride

Concen: 89.578 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

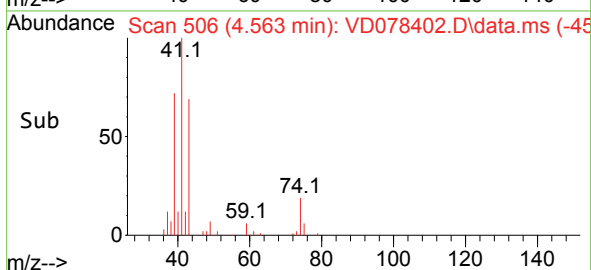
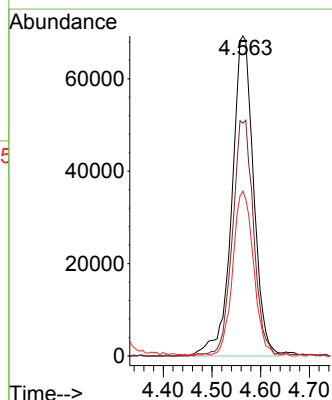
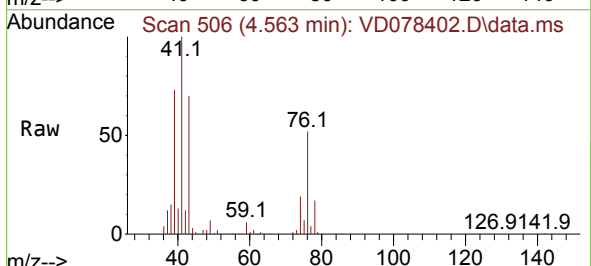
Tgt Ion: 41 Resp: 214490

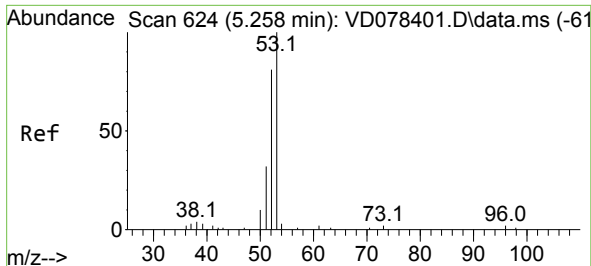
Ion Ratio Lower Upper

41 100

39 71.6 53.8 80.6

76 48.5 45.8 68.8

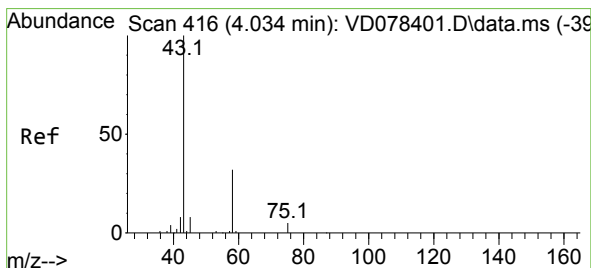
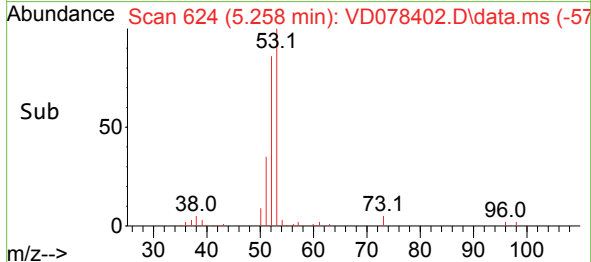
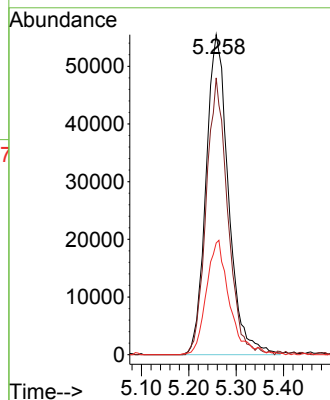
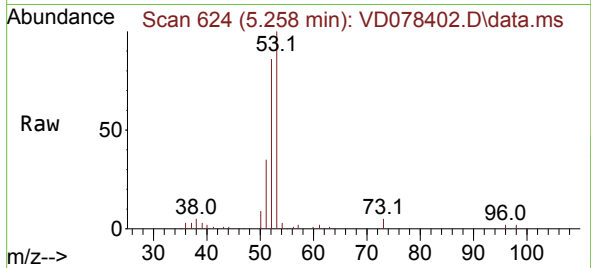




#15
Acrylonitrile
Concen: 448.160 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

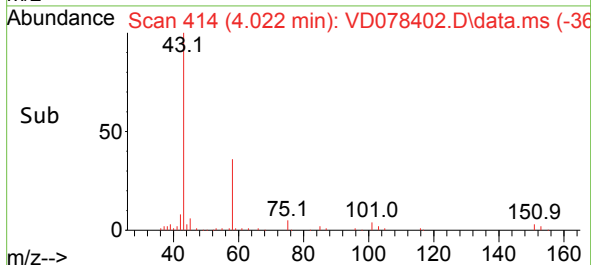
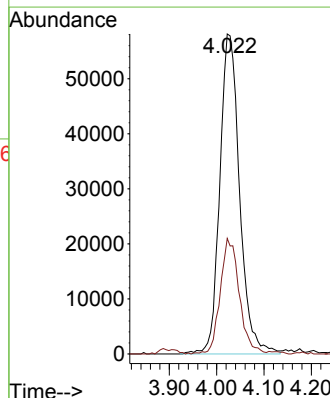
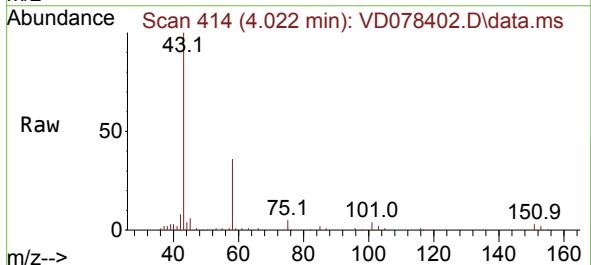
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

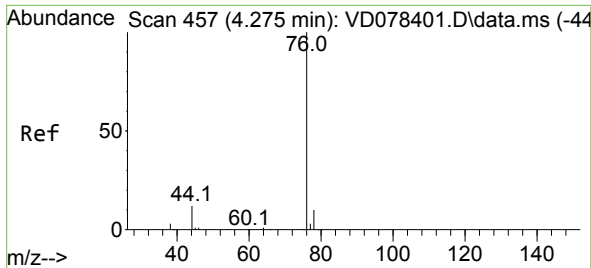
Tgt Ion: 53 Resp: 183125
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 36.9 28.3 42.5



#16
Acetone
Concen: 497.799 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 43 Resp: 168960
Ion Ratio Lower Upper
43 100
58 35.6 34.7 52.1





#17

Carbon Disulfide

Concen: 86.192 ug/l

RT: 4.269 min Scan# 4

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

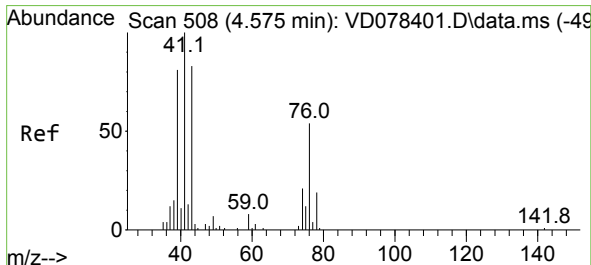
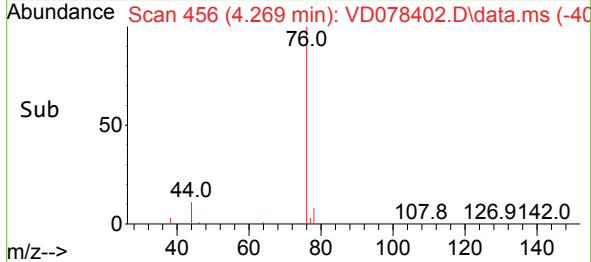
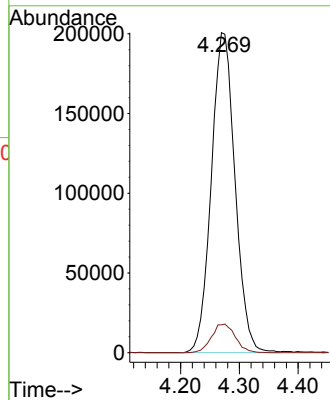
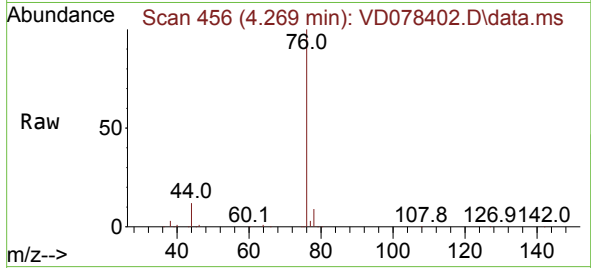
VSTDICC100

Tgt Ion: 76 Resp: 562141

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



#18

Methyl Acetate

Concen: 99.385 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.012 min

Lab File: VD078402.D

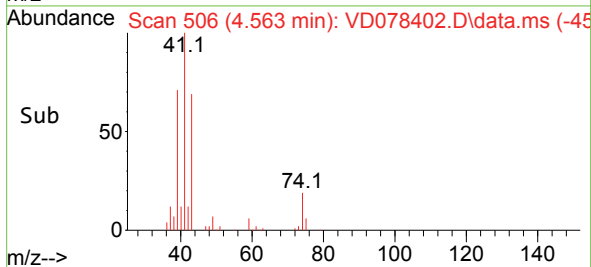
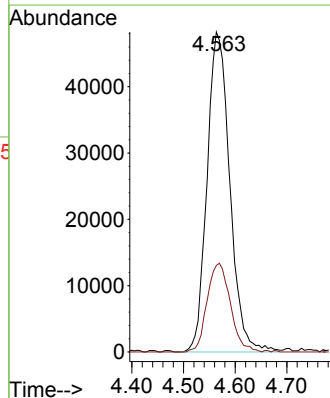
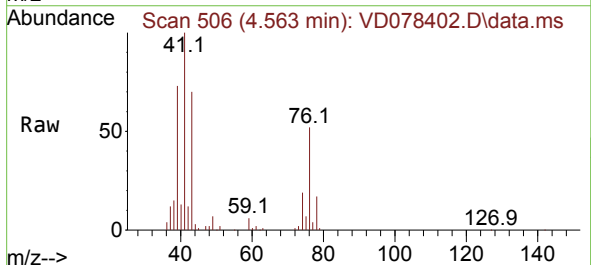
Acq: 13 Feb 2024 13:57

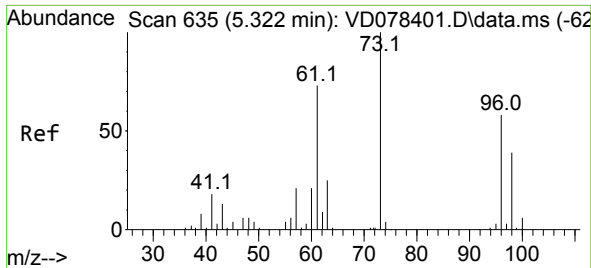
Tgt Ion: 43 Resp: 147703

Ion Ratio Lower Upper

43 100

74 28.2 26.4 39.6

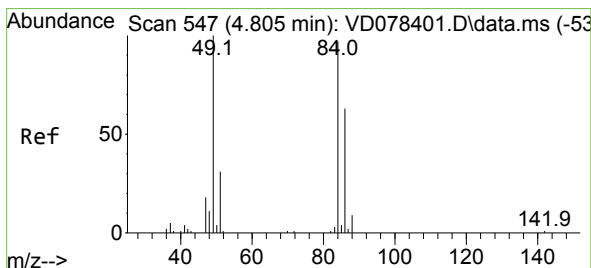
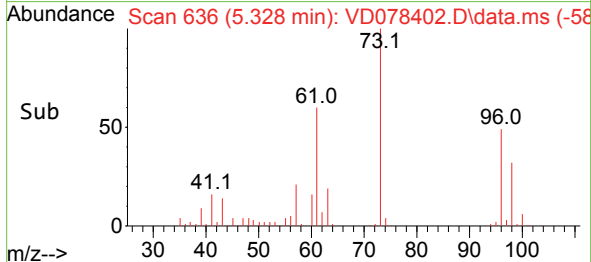
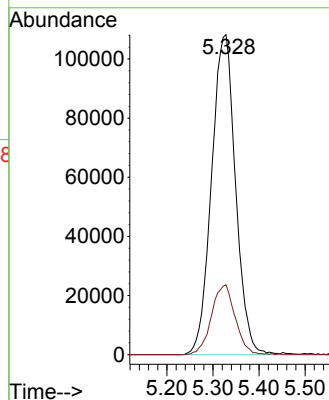
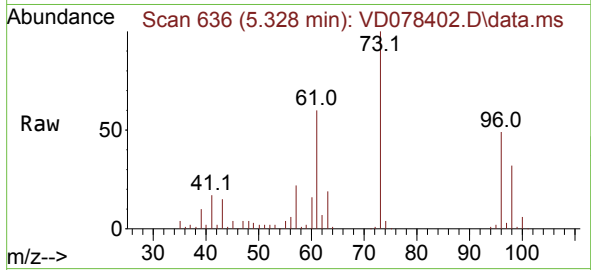




#19
Methyl tert-butyl Ether
Concen: 95.139 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

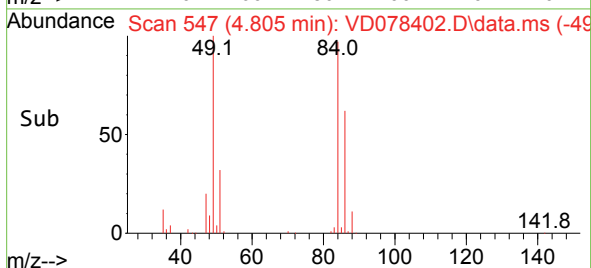
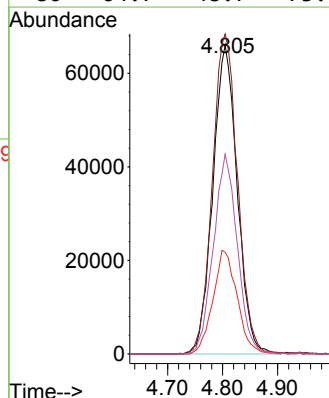
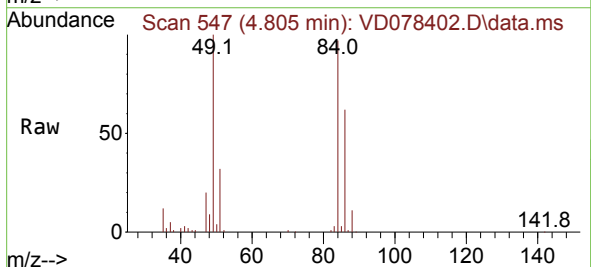
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

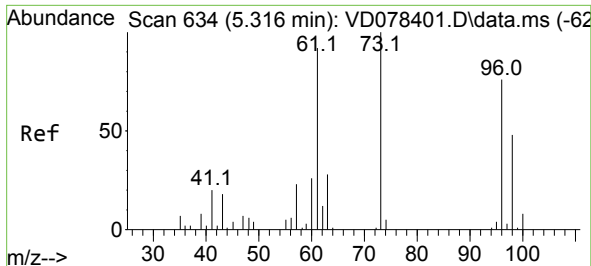
Tgt Ion: 73 Resp: 391784
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 96.043 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 84 Resp: 202961
Ion Ratio Lower Upper
84 100
49 103.3 71.4 107.2
51 32.9 24.5 36.7
86 64.7 48.7 73.1

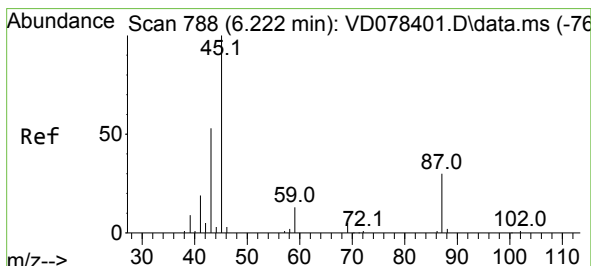
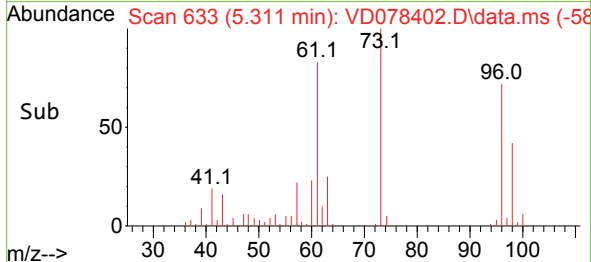
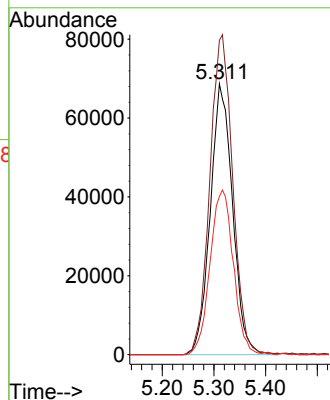
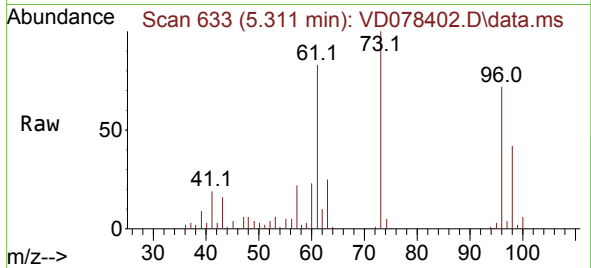




#21
trans-1,2-Dichloroethene
Concen: 90.312 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

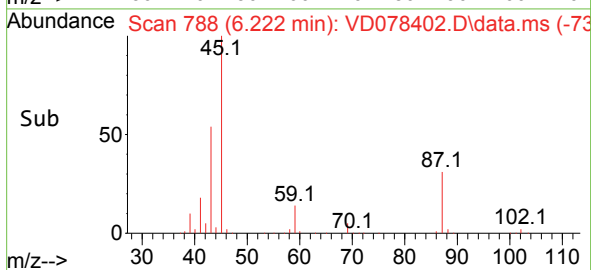
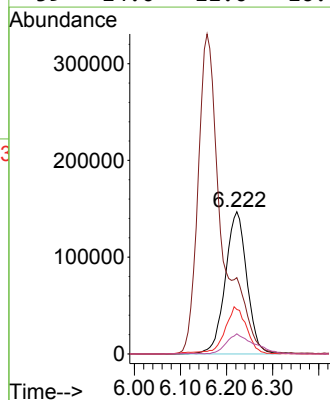
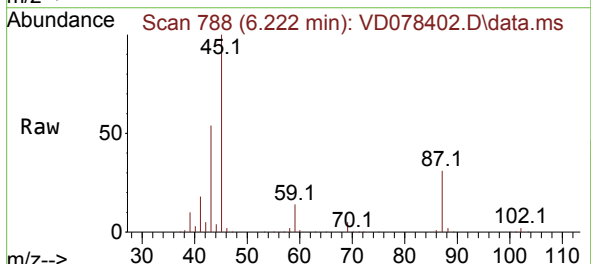
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

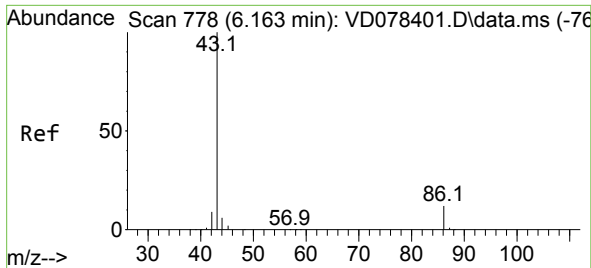
Tgt Ion: 96 Resp: 205926
Ion Ratio Lower Upper
96 100
61 116.0 89.3 133.9
98 58.4 48.6 73.0



#22
Diisopropyl ether
Concen: 90.466 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 45 Resp: 477436
Ion Ratio Lower Upper
45 100
43 52.6 40.0 60.0
87 31.1 28.2 42.4
59 14.0 11.0 16.4

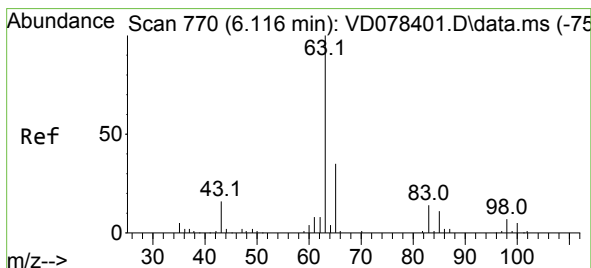
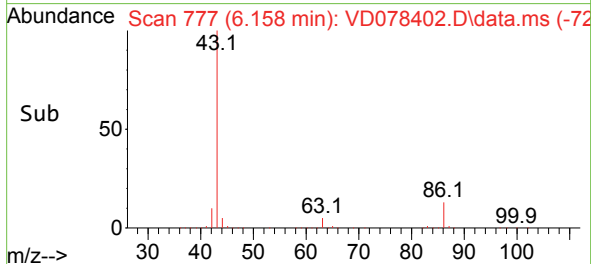
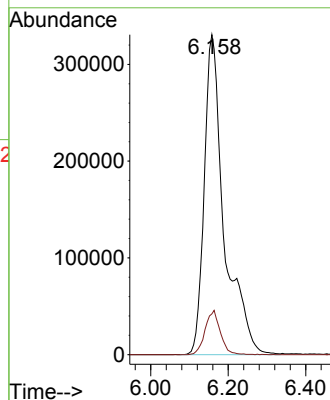
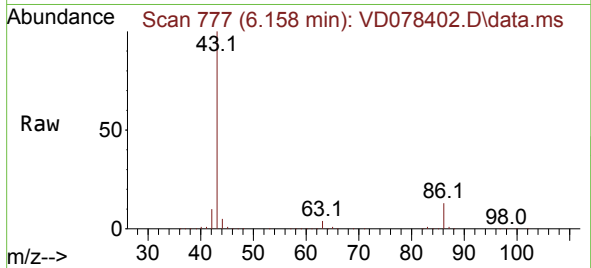




#23
 Vinyl Acetate
 Concen: 533.432 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078402.D
 Acq: 13 Feb 2024 13:57

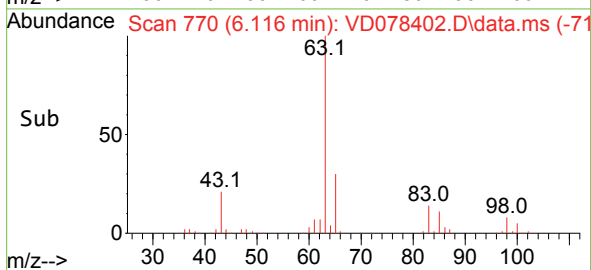
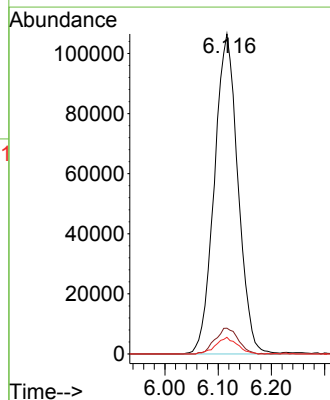
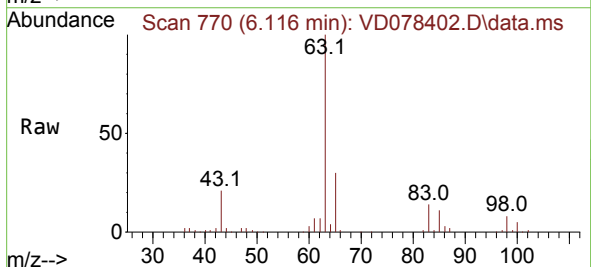
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

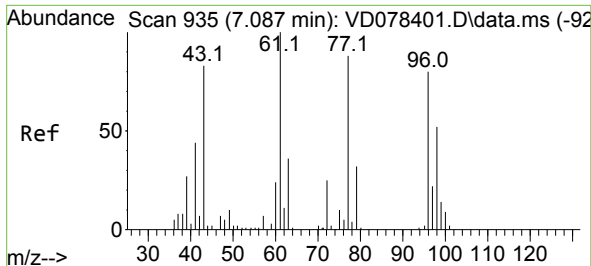
Tgt Ion: 43 Resp: 1179981
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 87.714 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078402.D
 Acq: 13 Feb 2024 13:57

Tgt Ion: 63 Resp: 327927
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 5.2 2.5 7.5





#25

2-Butanone

Concen: 485.562 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

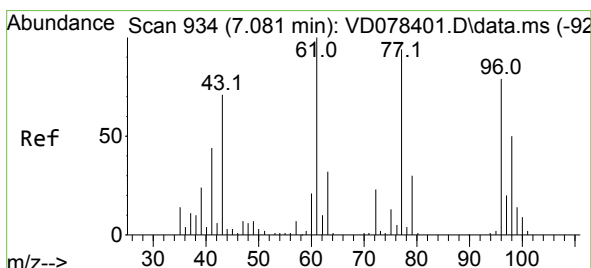
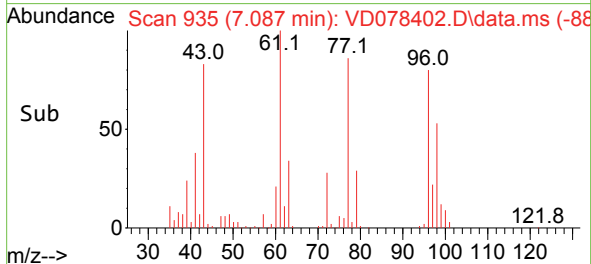
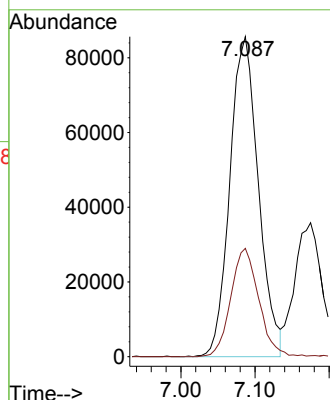
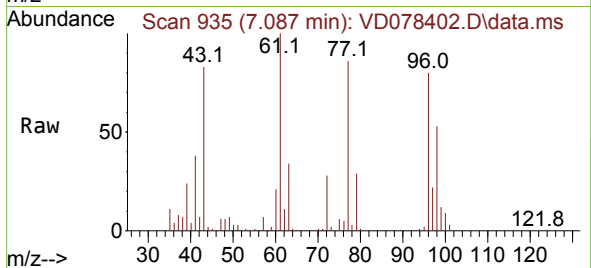
VSTDIC100

Tgt Ion: 43 Resp: 229283

Ion Ratio Lower Upper

43 100

72 33.9 30.7 46.1



#26

2,2-Dichloropropane

Concen: 89.718 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078402.D

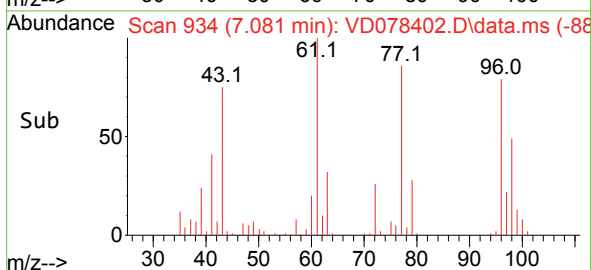
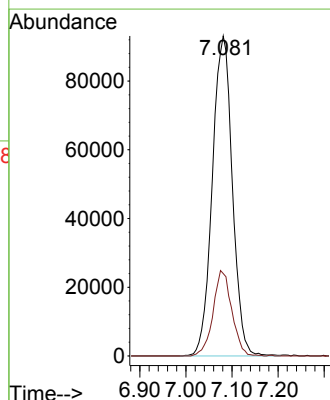
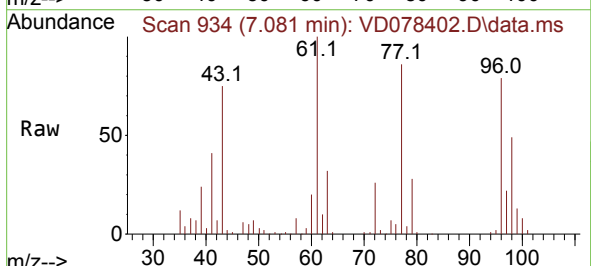
Acq: 13 Feb 2024 13:57

Tgt Ion: 77 Resp: 281184

Ion Ratio Lower Upper

77 100

97 25.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 90.949 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

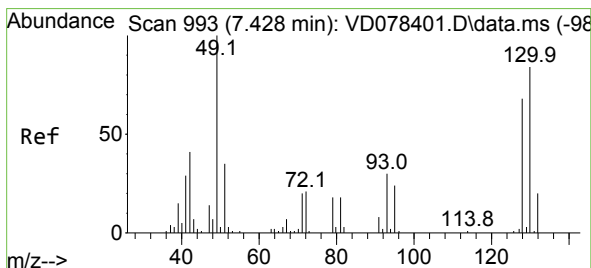
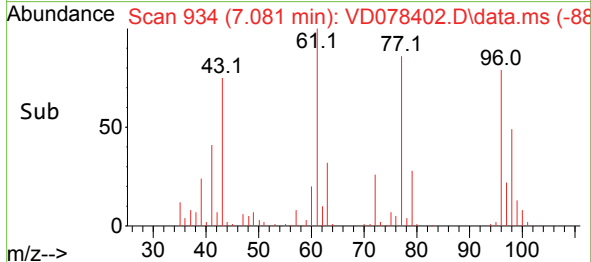
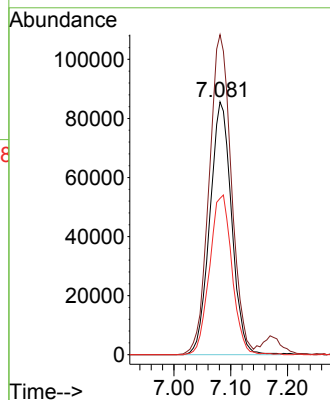
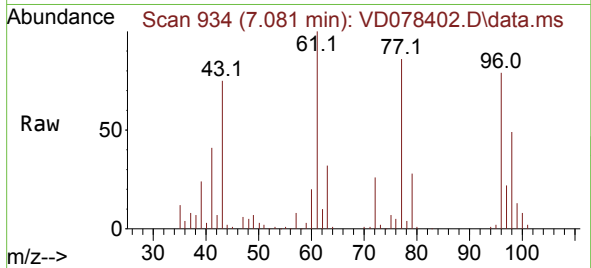
Tgt Ion: 96 Resp: 227525

Ion Ratio Lower Upper

96 100

61 129.7 0.0 239.2

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 93.403 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

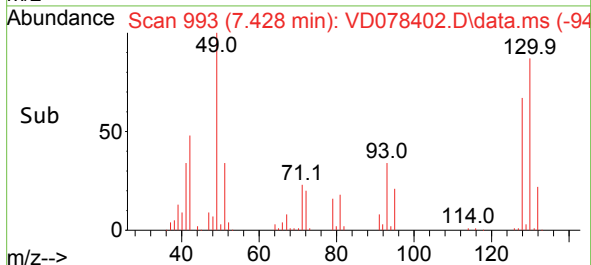
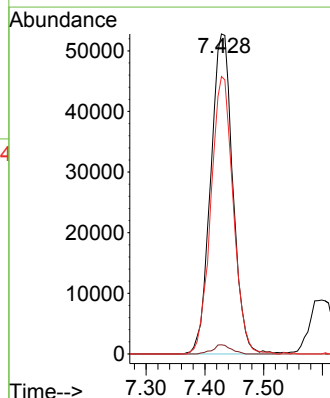
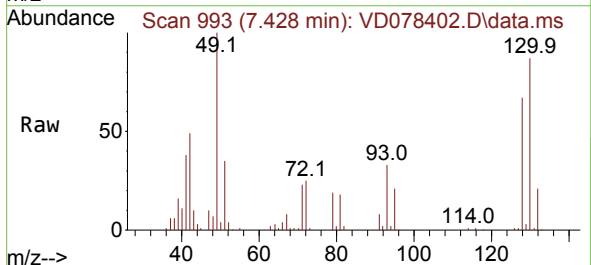
Tgt Ion: 49 Resp: 138309

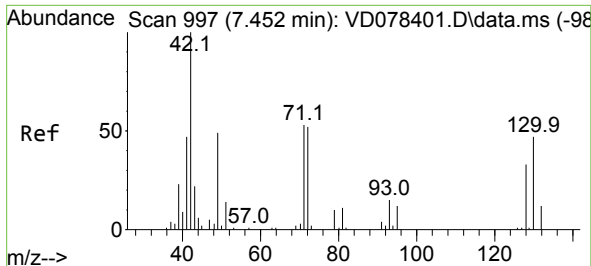
Ion Ratio Lower Upper

49 100

129 2.4 0.0 6.0

130 87.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 466.022 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

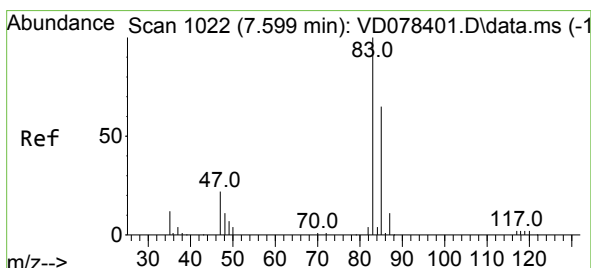
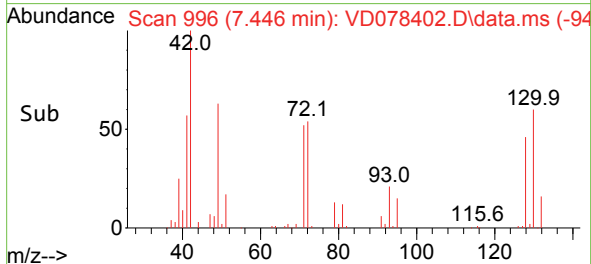
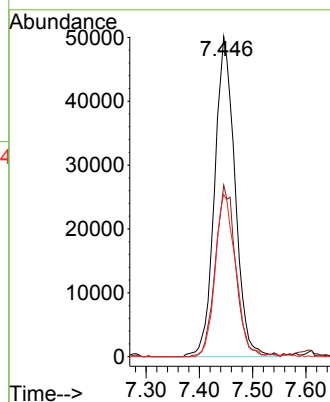
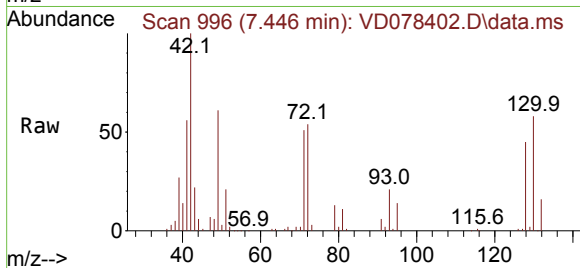
Tgt Ion: 42 Resp: 133234

Ion Ratio Lower Upper

42 100

72 53.2 46.5 69.7

71 51.0 44.5 66.7



#30

Chloroform

Concen: 88.643 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078402.D

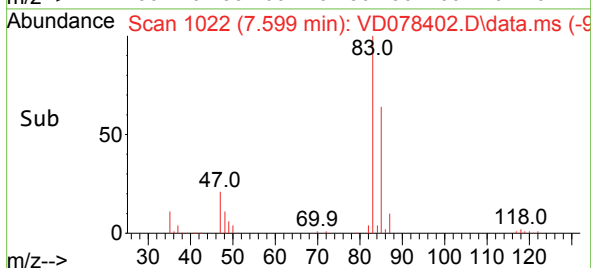
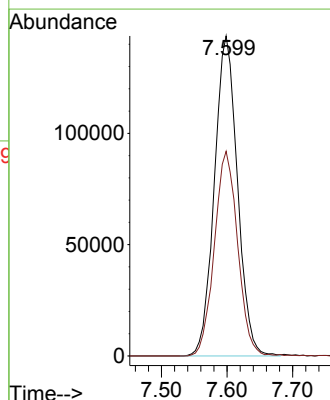
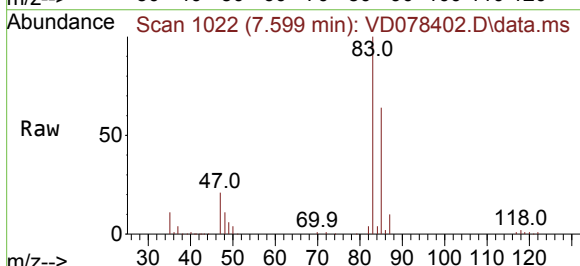
Acq: 13 Feb 2024 13:57

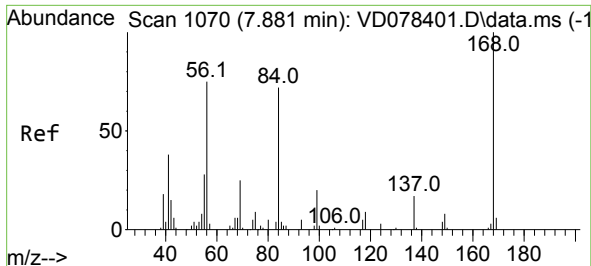
Tgt Ion: 83 Resp: 350635

Ion Ratio Lower Upper

83 100

85 64.0 53.4 80.2

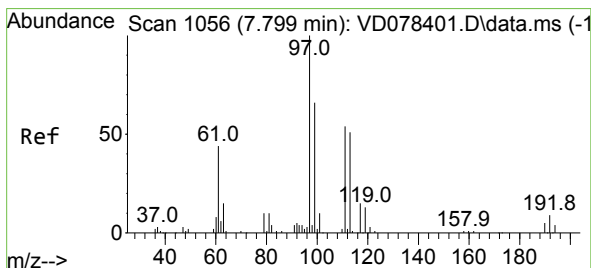
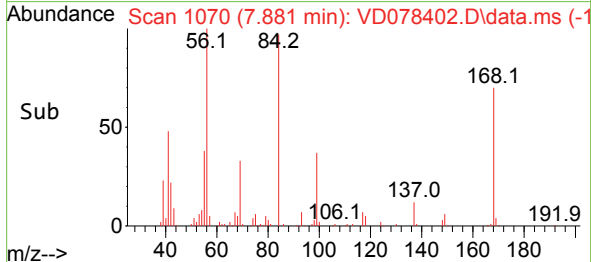
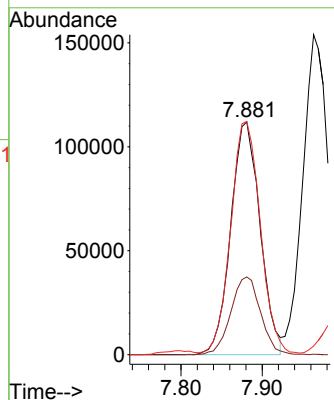
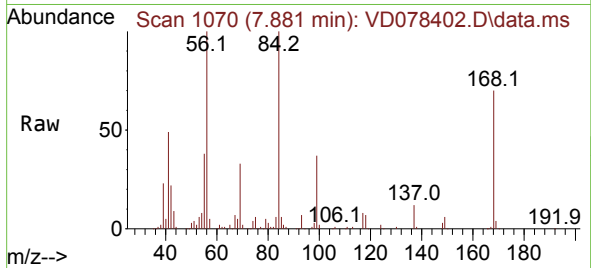




#31
Cyclohexane
Concen: 86.427 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

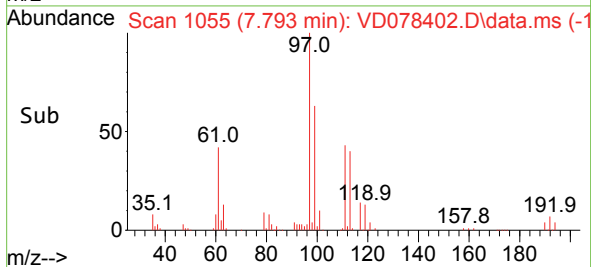
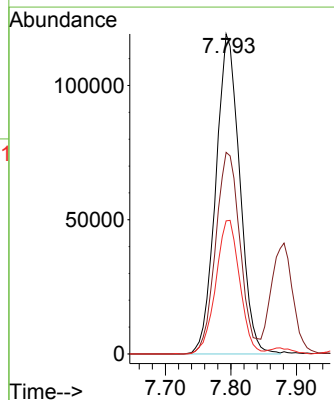
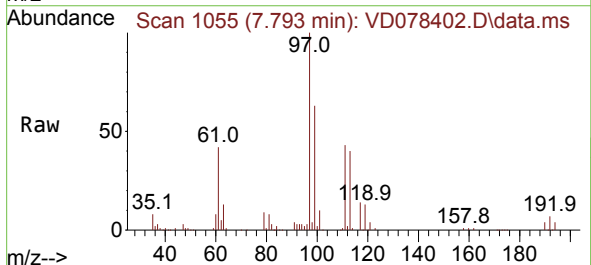
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

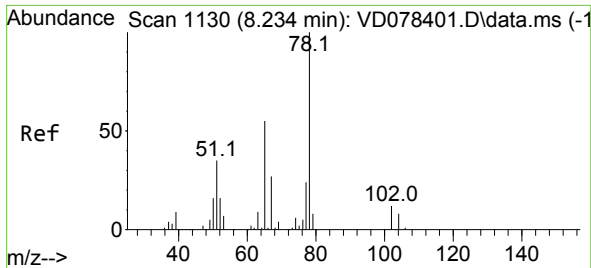
Tgt Ion: 56 Resp: 281061
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 98.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 89.321 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 97 Resp: 301238
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 92.370 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

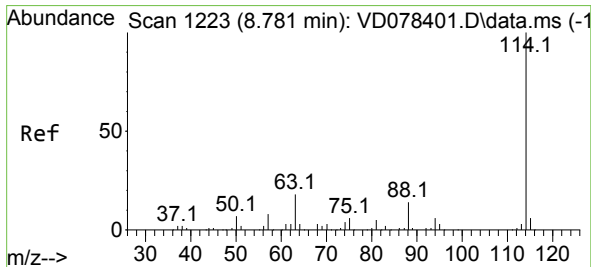
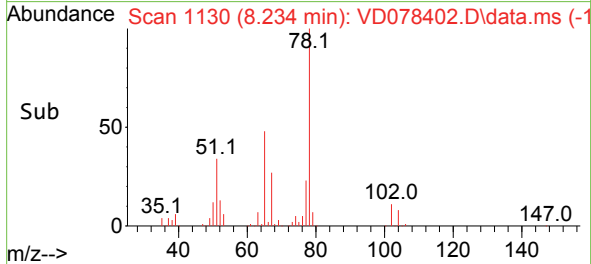
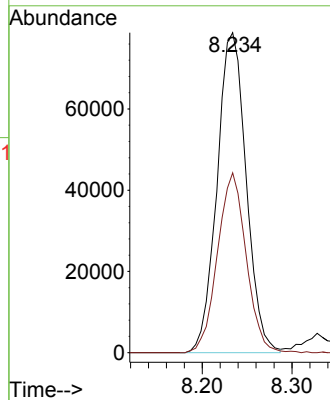
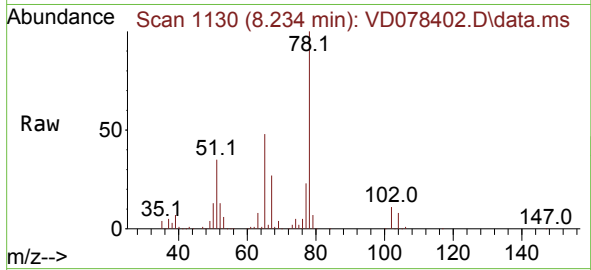
VSTDIC100

Tgt Ion: 65 Resp: 177575

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

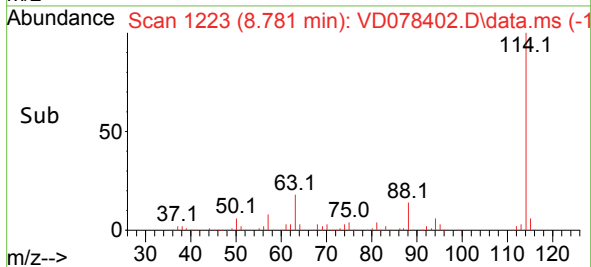
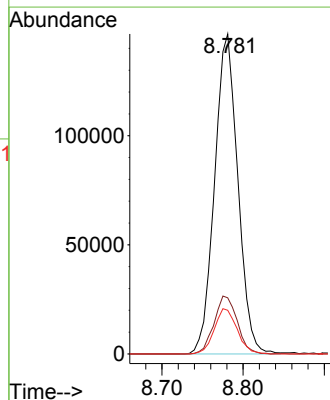
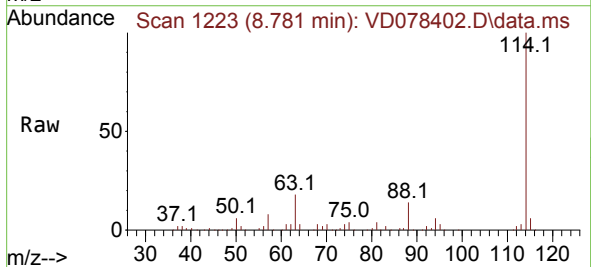
Tgt Ion: 114 Resp: 291770

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 103.369 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

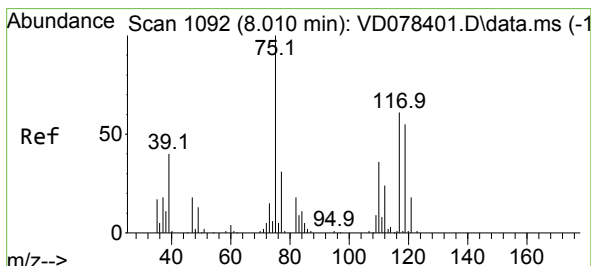
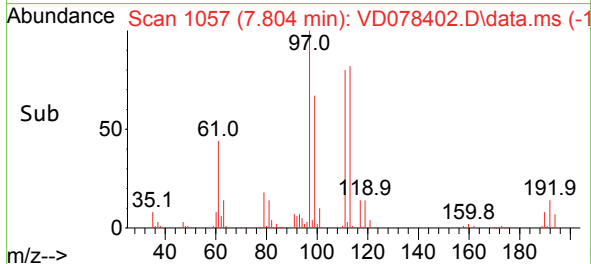
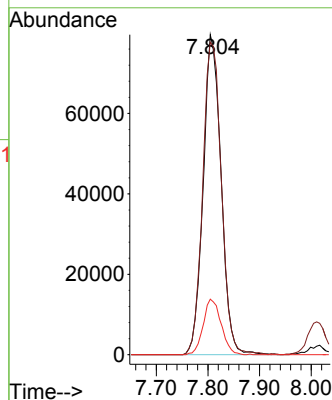
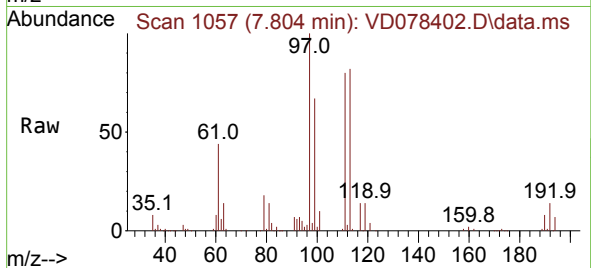
Tgt Ion:113 Resp: 191581

Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 17.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 96.469 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

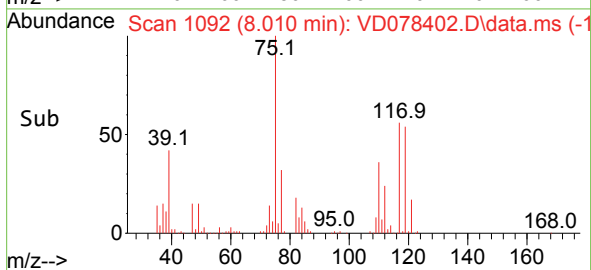
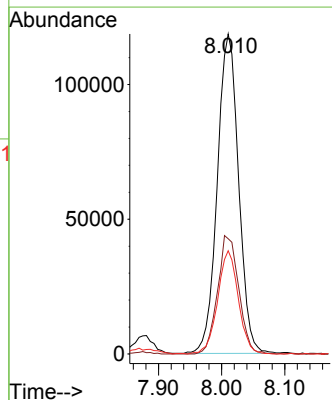
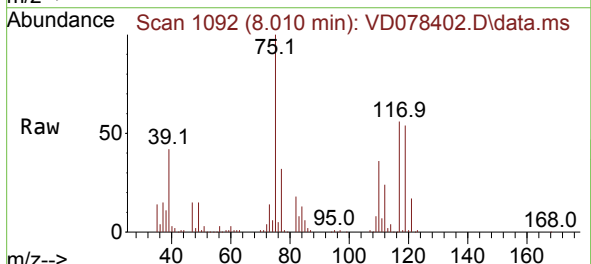
Tgt Ion: 75 Resp: 277752

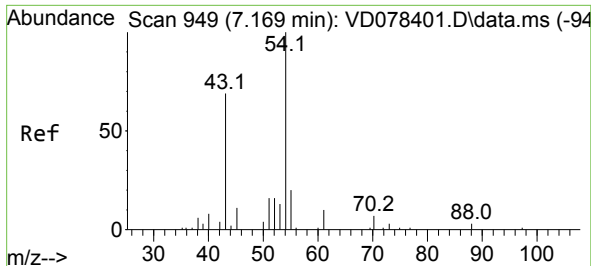
Ion Ratio Lower Upper

75 100

110 36.9 19.9 59.6

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 94.719 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

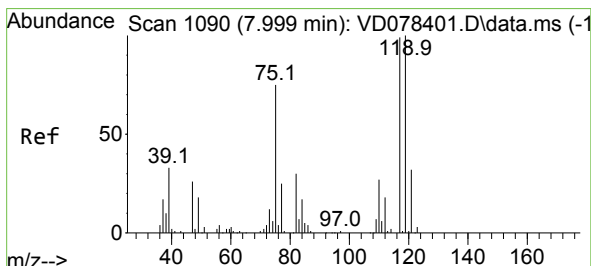
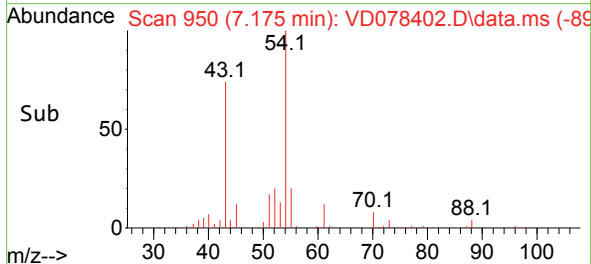
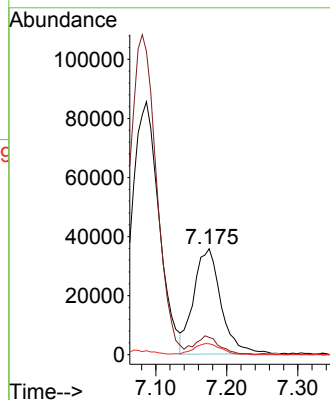
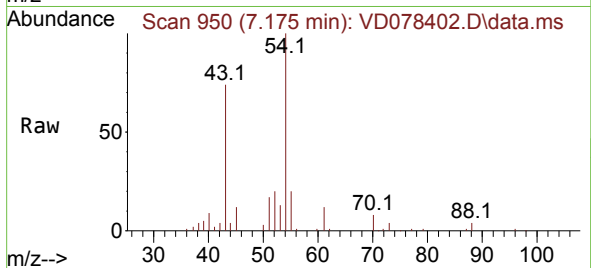
Tgt Ion: 43 Resp: 95599

Ion Ratio Lower Upper

43 100

61 16.2 14.9 22.3

70 10.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 95.735 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

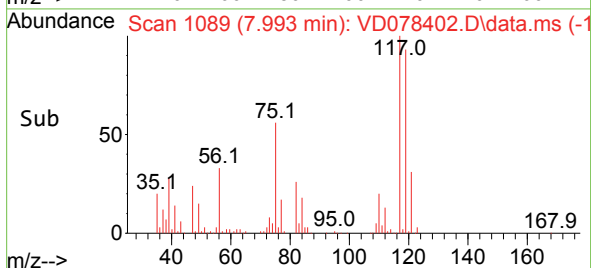
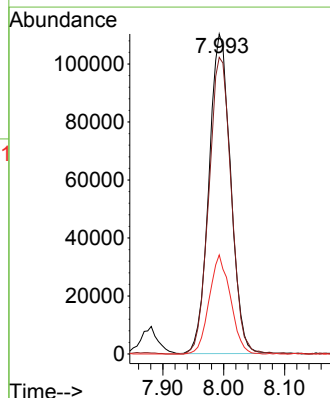
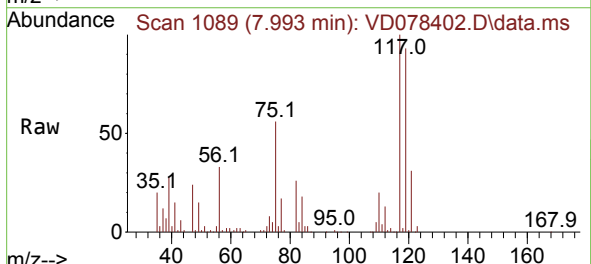
Tgt Ion: 117 Resp: 272973

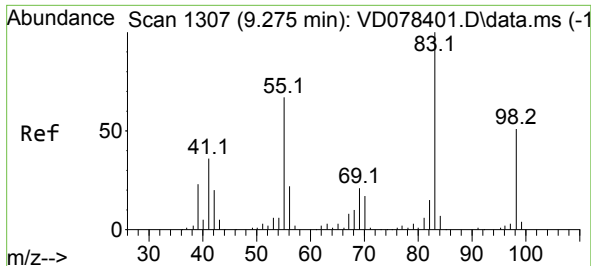
Ion Ratio Lower Upper

117 100

119 92.9 78.0 117.0

121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 100.856 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

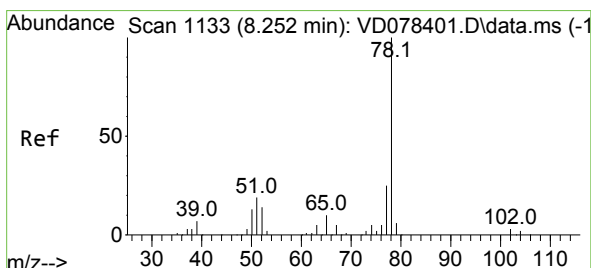
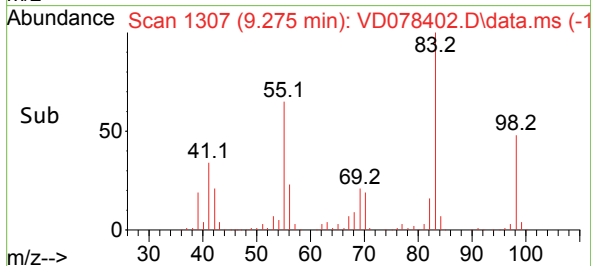
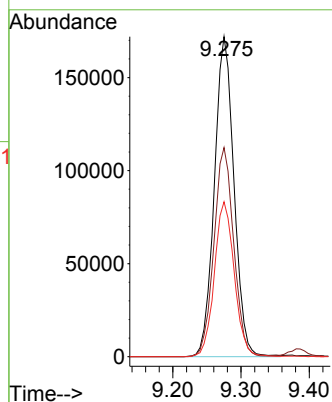
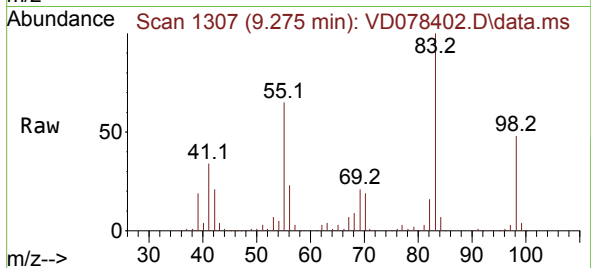
Tgt Ion: 83 Resp: 344733

Ion Ratio Lower Upper

83 100

55 65.3 49.4 74.0

98 48.4 38.4 57.6



#40

Benzene

Concen: 97.638 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078402.D

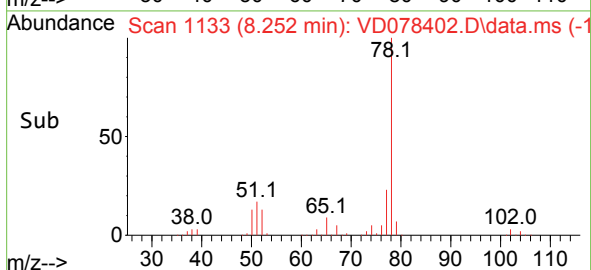
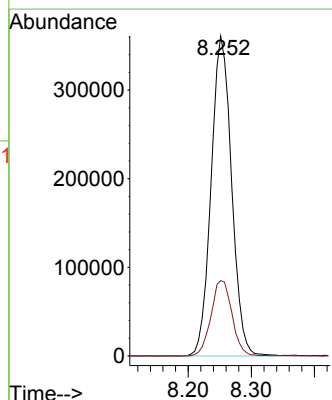
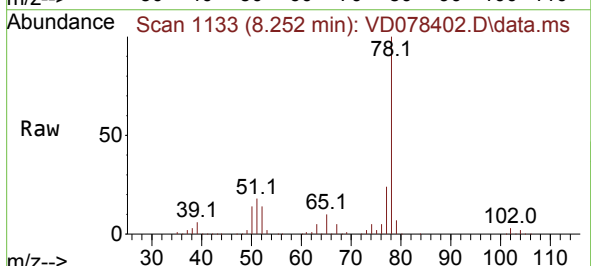
Acq: 13 Feb 2024 13:57

Tgt Ion: 78 Resp: 812554

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

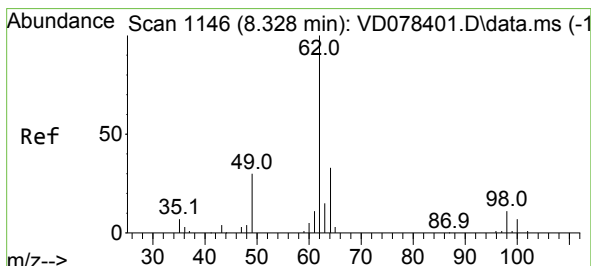
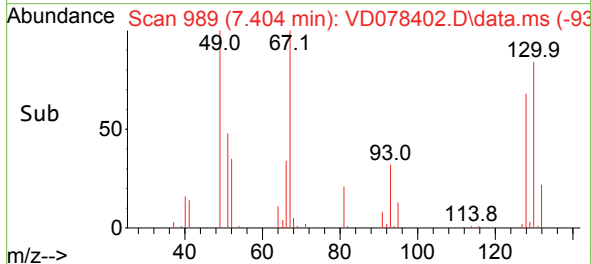
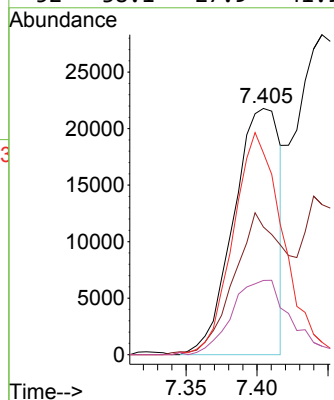
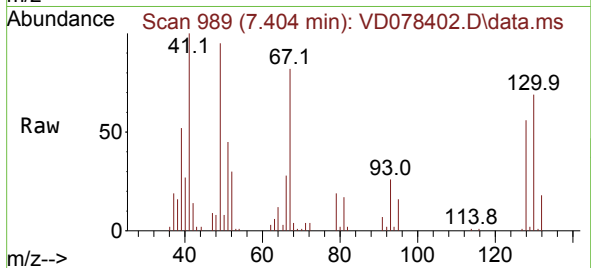




#41
Methacrylonitrile
Concen: 94.027 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

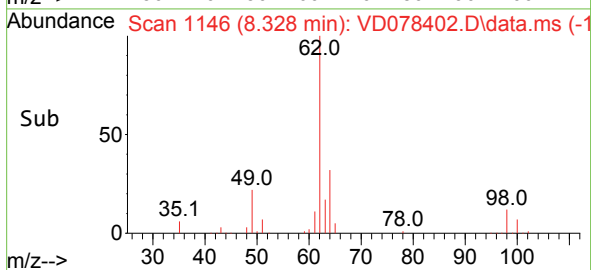
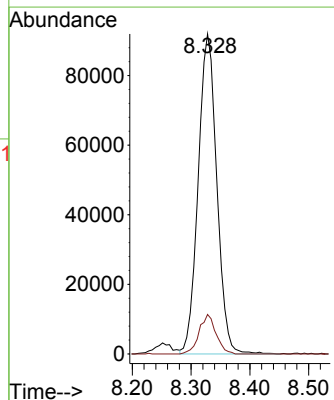
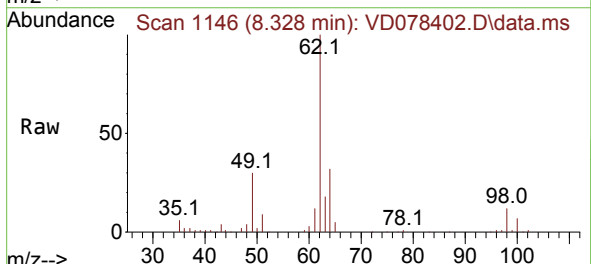
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

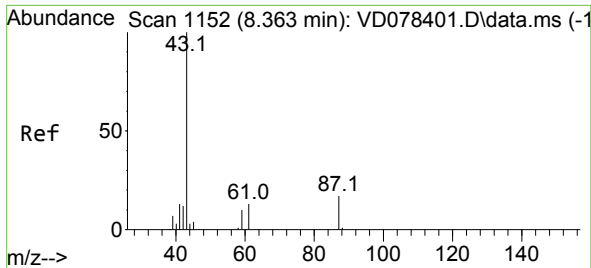
Tgt Ion: 41 Resp: 49389
Ion Ratio Lower Upper
41 100
39 66.7 34.0 51.0#
67 97.1 77.0 115.4
52 38.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 93.850 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 62 Resp: 202090
Ion Ratio Lower Upper
62 100
98 11.2 0.0 25.4

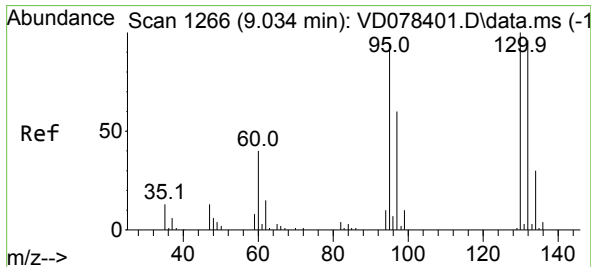
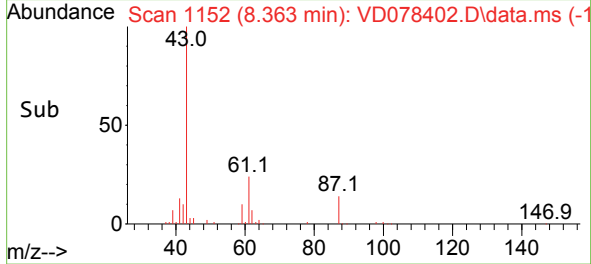
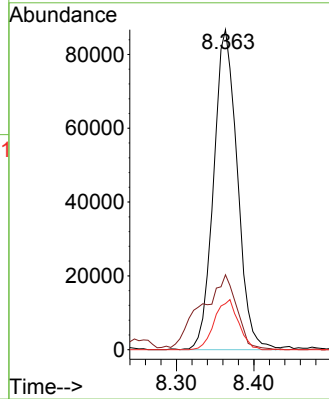
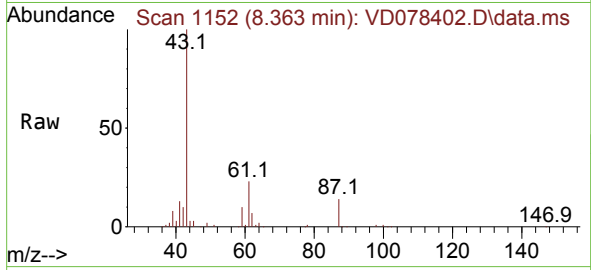




#43
Isopropyl Acetate
Concen: 98.624 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

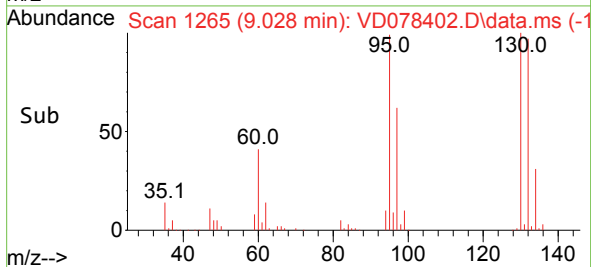
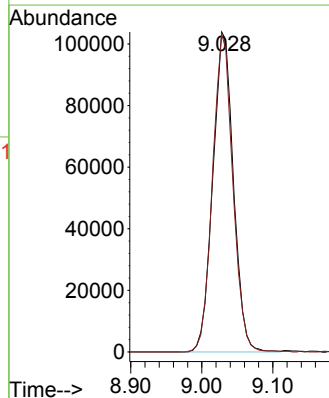
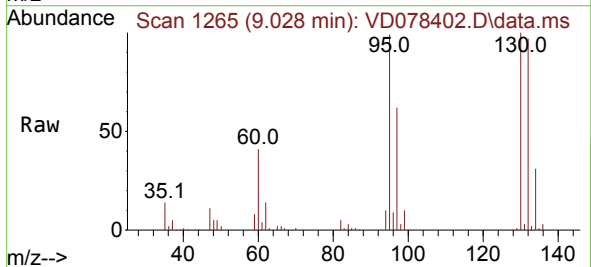
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

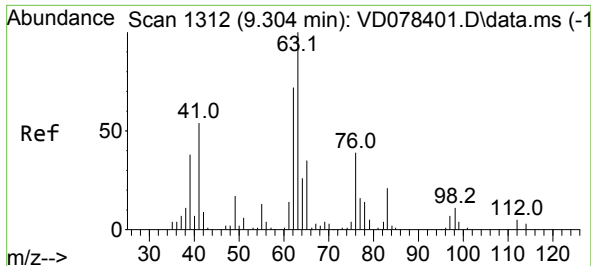
Tgt Ion: 43 Resp: 184322
Ion Ratio Lower Upper
43 100
61 35.2 31.4 47.0
87 15.8 14.9 22.3



#44
Trichloroethene
Concen: 98.232 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:130 Resp: 208557
Ion Ratio Lower Upper
130 100
95 99.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 95.047 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

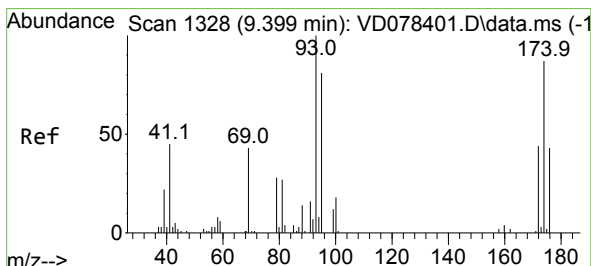
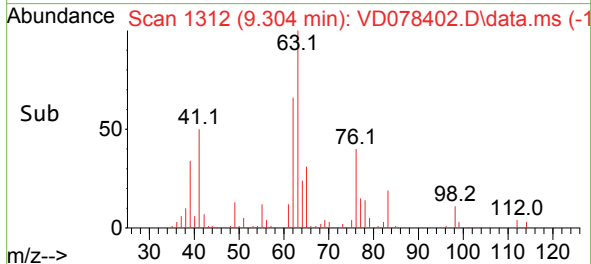
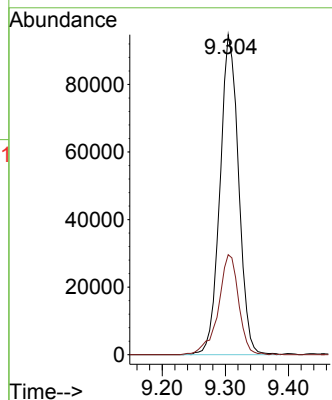
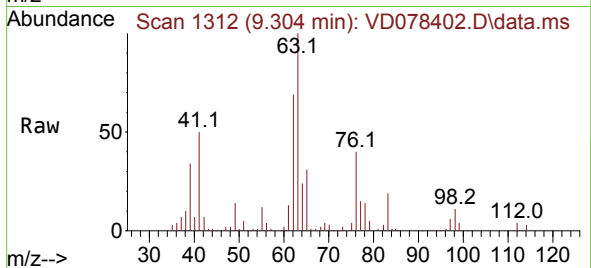
VSTDIC100

Tgt Ion: 63 Resp: 194074

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 96.986 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

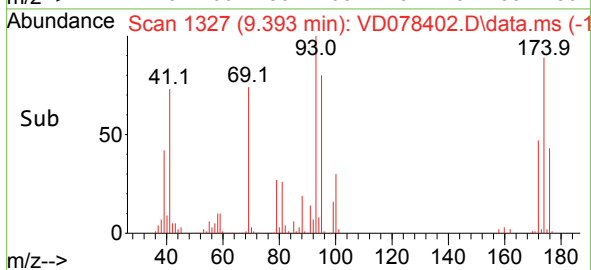
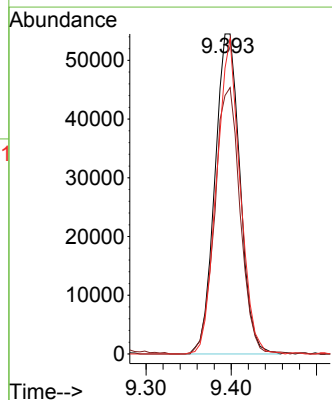
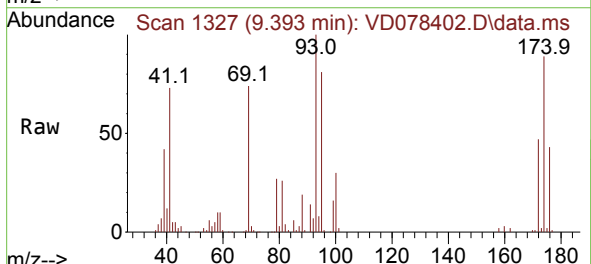
Tgt Ion: 93 Resp: 111387

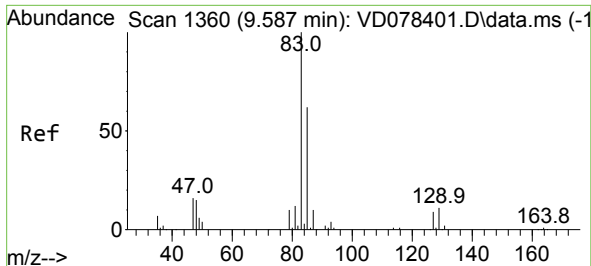
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

174 92.6 85.4 128.2

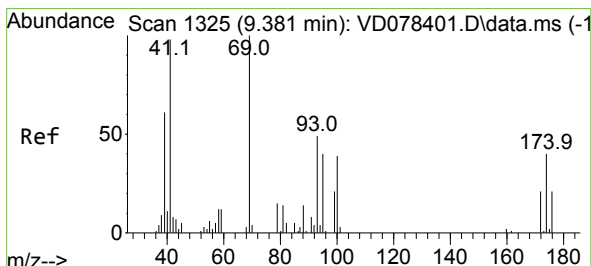
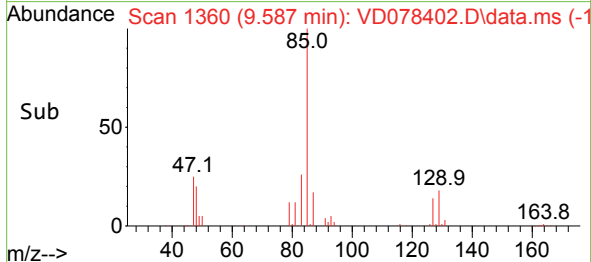
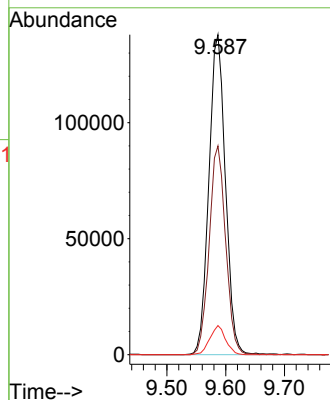
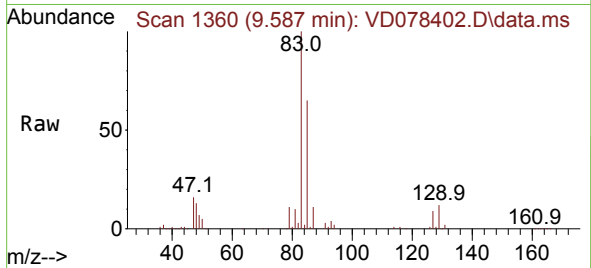




#47
Bromodichloromethane
Concen: 94.968 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

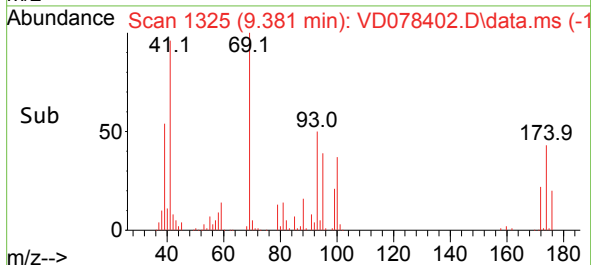
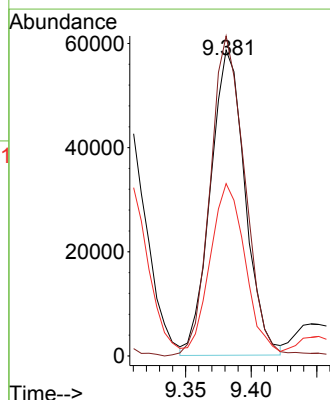
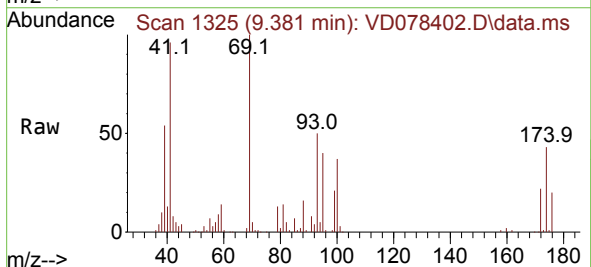
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 270148
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 108.550 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 41 Resp: 107632
Ion Ratio Lower Upper
41 100
69 105.5 102.2 153.2
39 54.0 41.4 62.2





#49

1,4-Dioxane

Concen: 2063.813 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

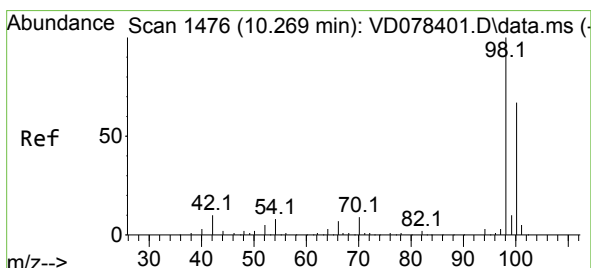
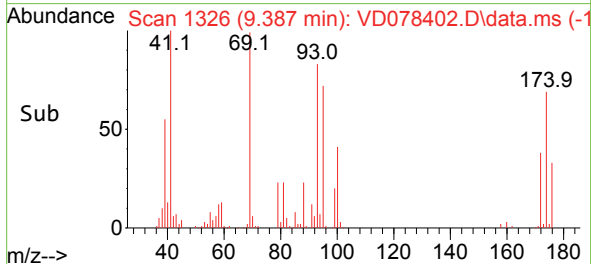
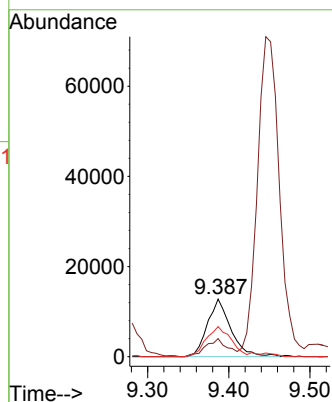
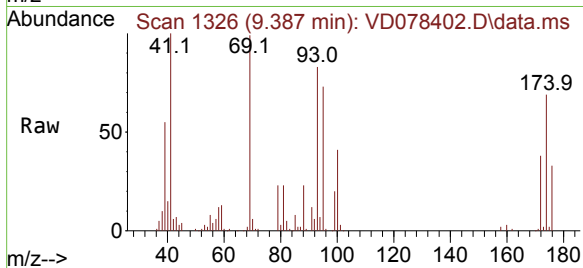
Tgt Ion: 88 Resp: 25669

Ion Ratio Lower Upper

88 100

43 28.9 19.0 28.6#

58 57.8 43.5 65.3



#50

Toluene-d8

Concen: 105.547 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078402.D

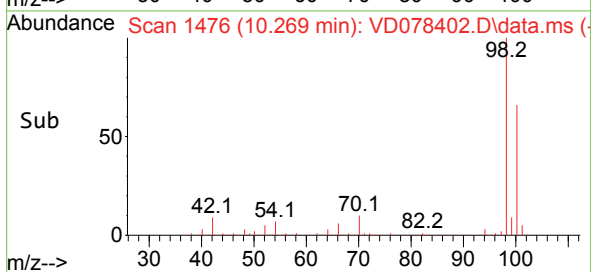
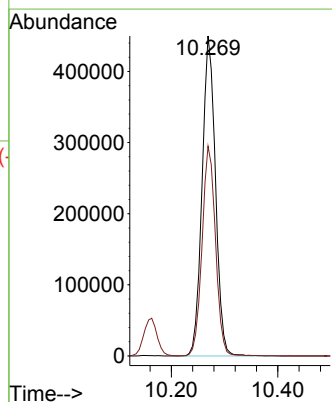
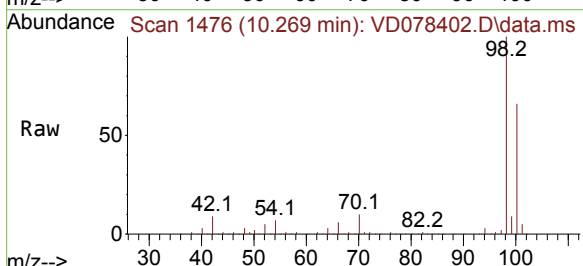
Acq: 13 Feb 2024 13:57

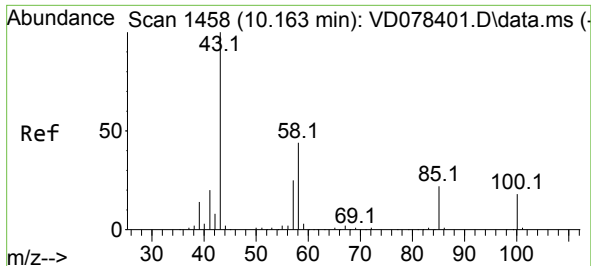
Tgt Ion: 98 Resp: 782522

Ion Ratio Lower Upper

98 100

100 66.1 50.3 75.5

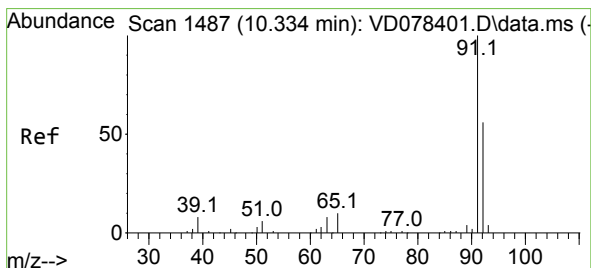
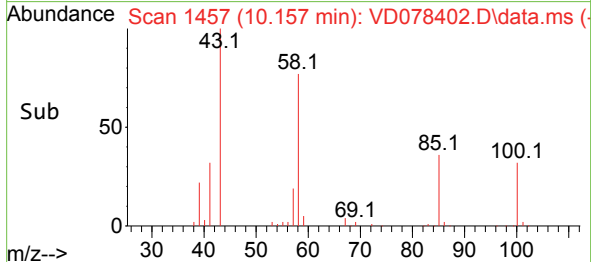
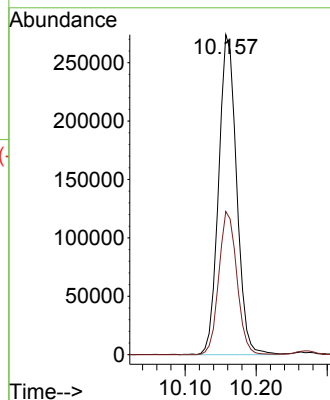
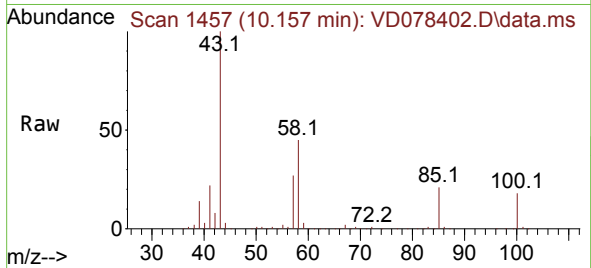




#51
4-Methyl-2-Pentanone
Concen: 484.908 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

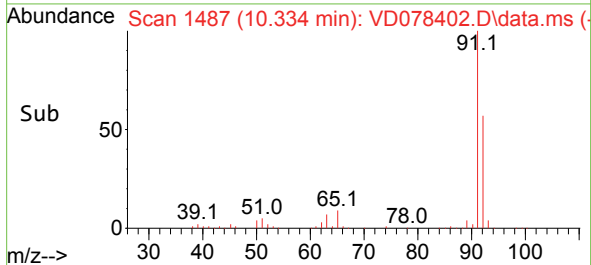
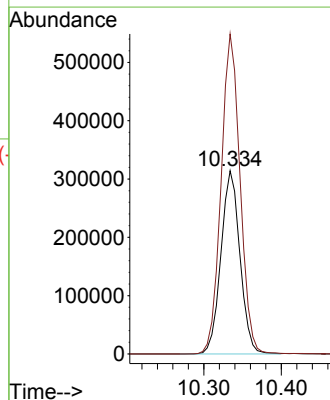
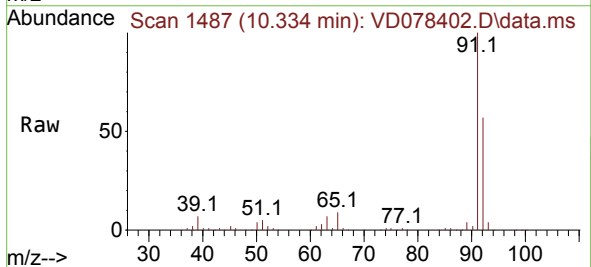
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

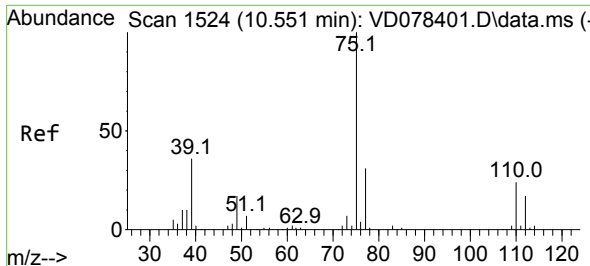
Tgt Ion: 43 Resp: 480999
Ion Ratio Lower Upper
43 100
58 44.9 38.9 58.3



#52
Toluene
Concen: 101.846 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 92 Resp: 535988
Ion Ratio Lower Upper
92 100
91 174.9 143.0 214.4

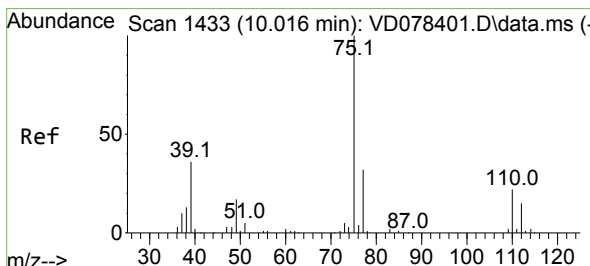
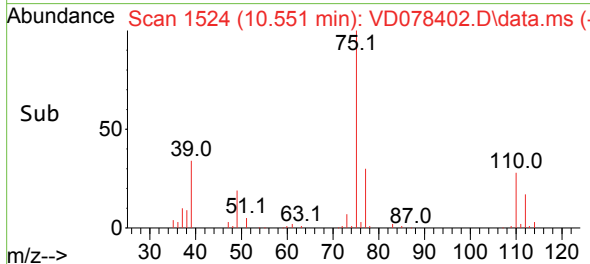
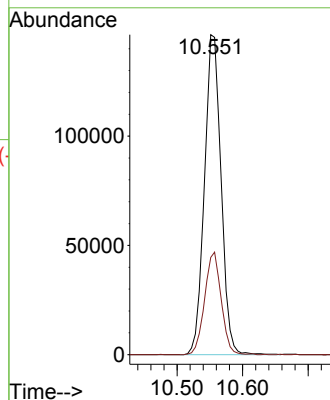
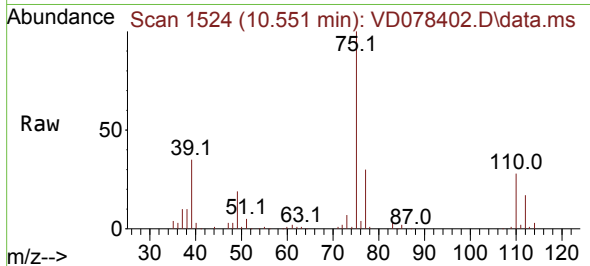




#53
 t-1,3-Dichloropropene
 Concen: 99.693 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078402.D
 Acq: 13 Feb 2024 13:57

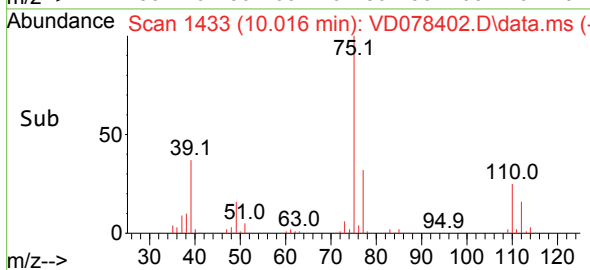
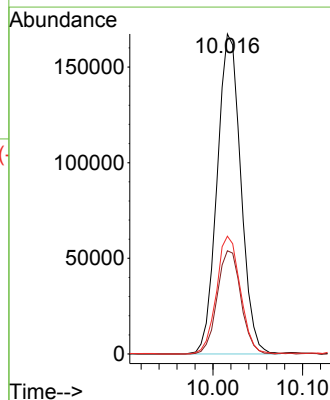
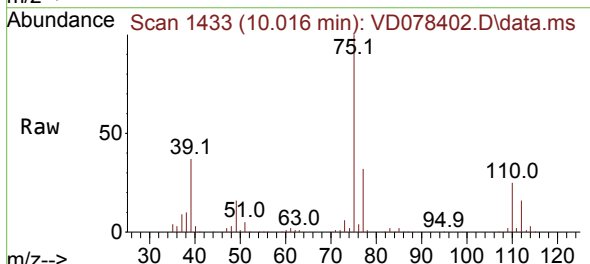
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

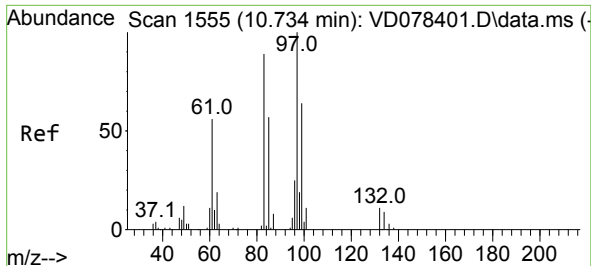
Tgt Ion: 75 Resp: 258767
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 97.455 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078402.D
 Acq: 13 Feb 2024 13:57

Tgt Ion: 75 Resp: 306733
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 36.8 22.1 33.1#

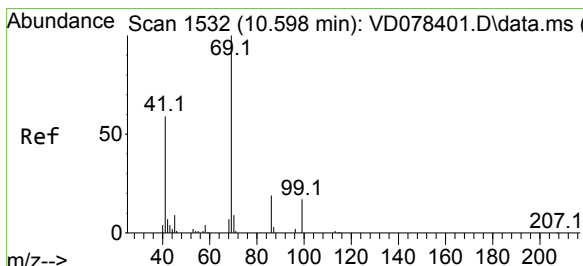
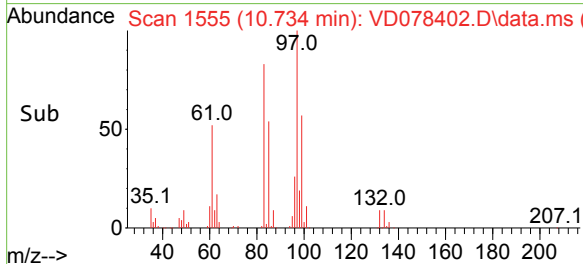
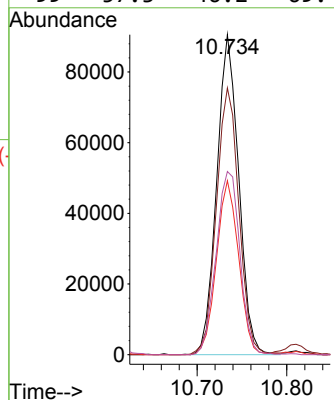
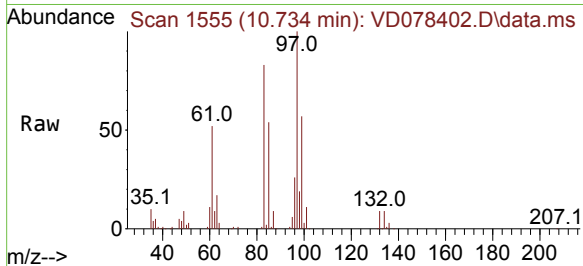




#55
1,1,2-Trichloroethane
Concen: 99.704 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

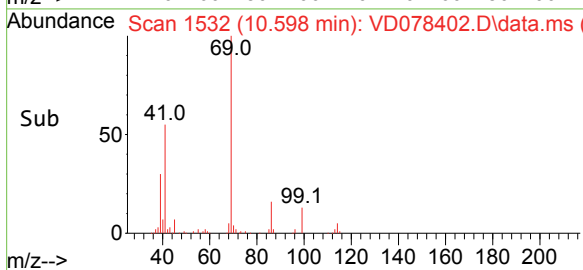
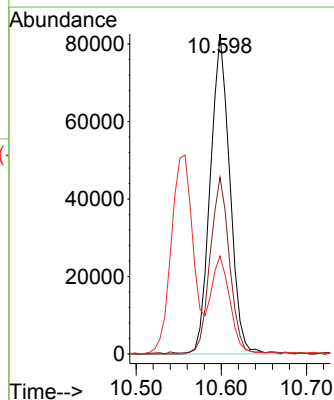
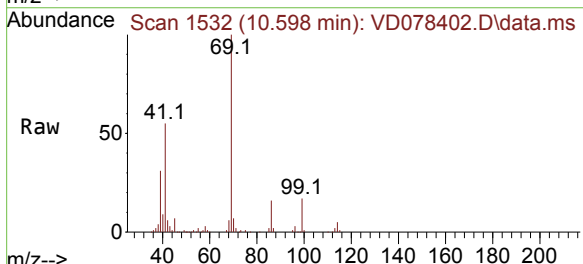
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

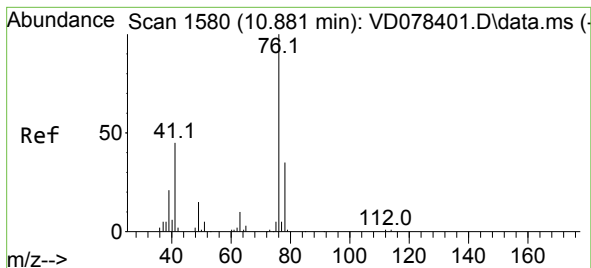
Tgt Ion:	97	Resp:	154208
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.6
85	54.3	45.7	68.5
99	57.3	46.2	69.4



#56
Ethyl methacrylate
Concen: 91.632 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:	69	Resp:	131074
Ion	Ratio	Lower	Upper
69	100		
41	53.8	39.1	58.7
39	28.9	20.0	30.0





#57

1,3-Dichloropropane

Concen: 94.720 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

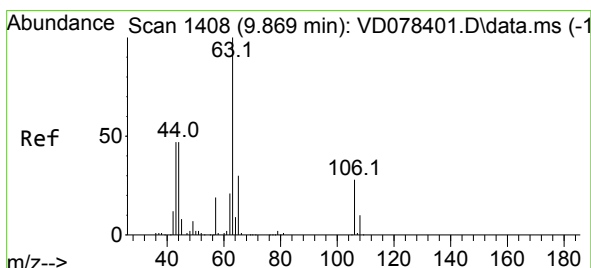
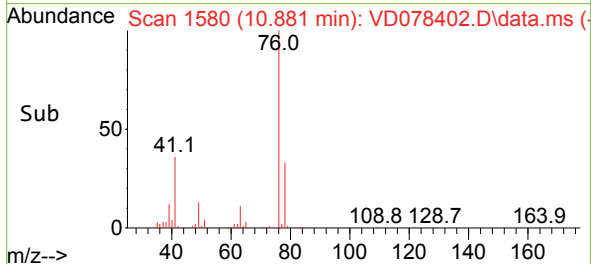
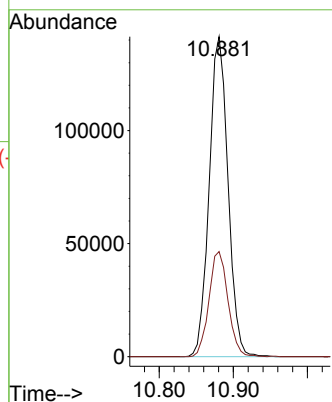
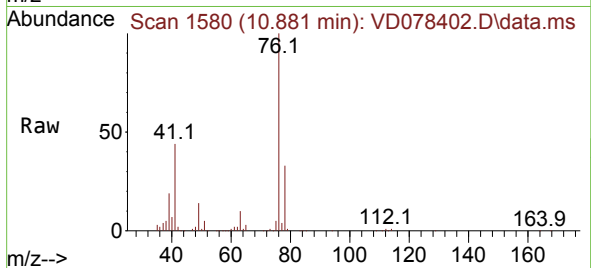
VSTDICC100

Tgt Ion: 76 Resp: 249205

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 574.044 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078402.D

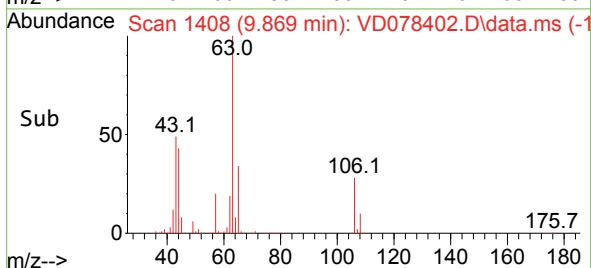
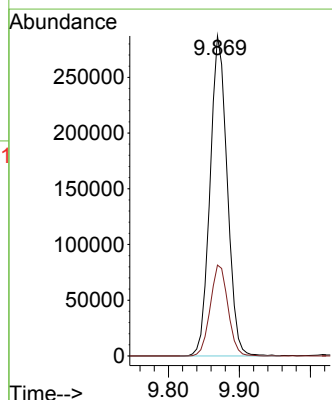
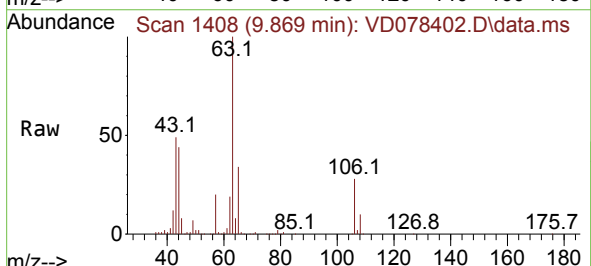
Acq: 13 Feb 2024 13:57

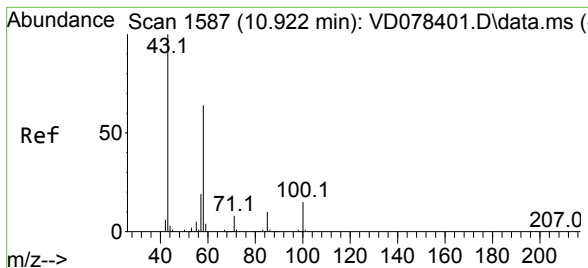
Tgt Ion: 63 Resp: 483682

Ion Ratio Lower Upper

63 100

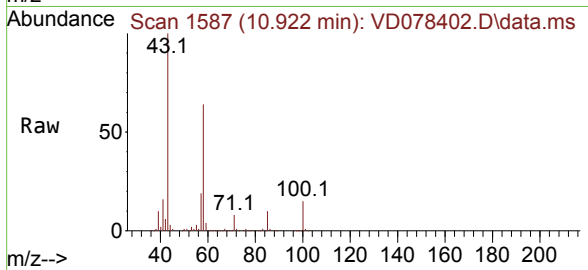
106 29.2 25.3 37.9



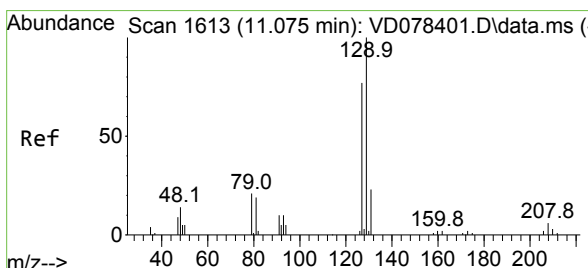
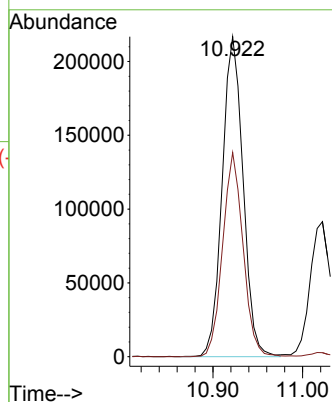
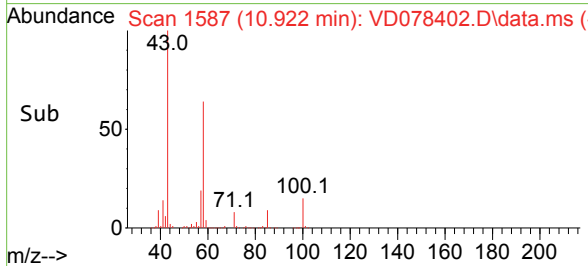


#59
2-Hexanone
Concen: 469.852 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

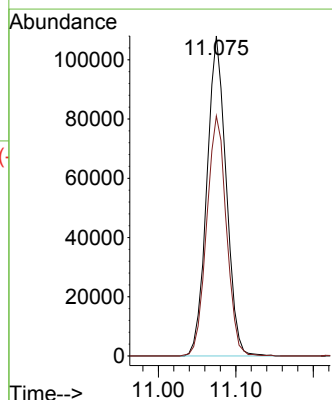
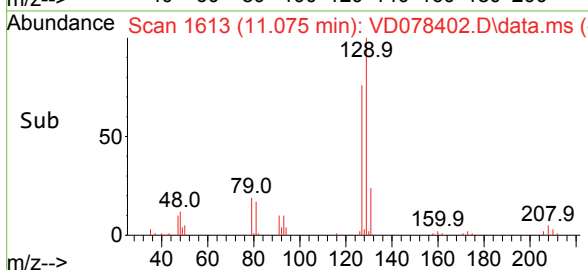
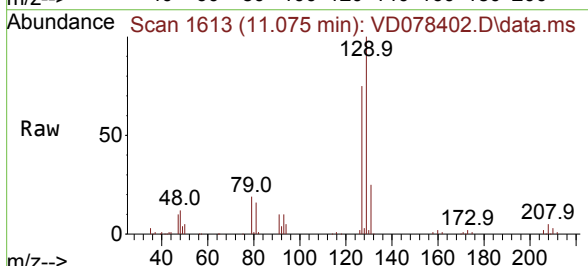


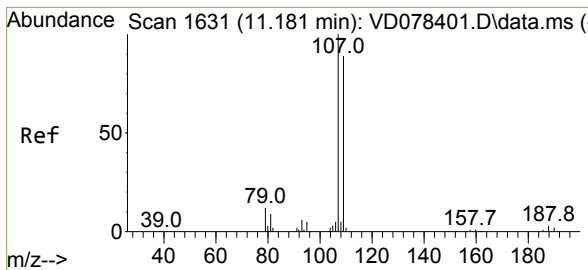
Tgt Ion: 43 Resp: 350253
Ion Ratio Lower Upper
43 100
58 62.4 34.1 102.2



#60
Dibromochloromethane
Concen: 100.116 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 129 Resp: 186306
Ion Ratio Lower Upper
129 100
127 76.8 37.1 111.5

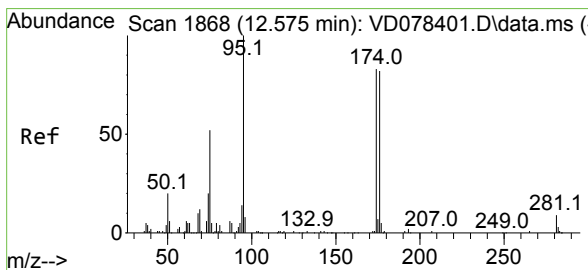
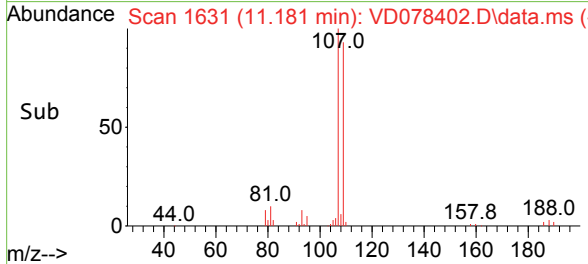
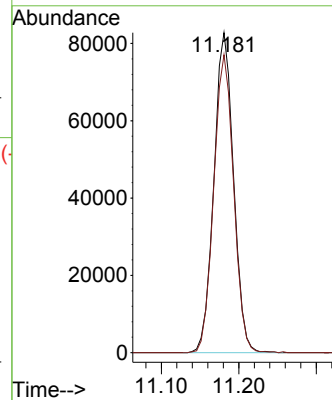
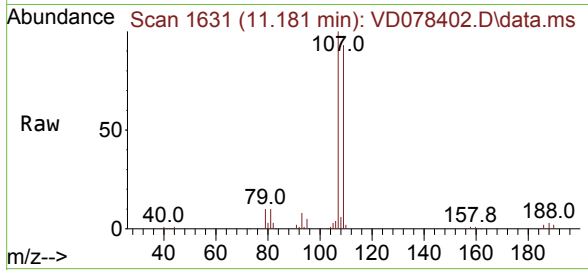




#61
1,2-Dibromoethane
Concen: 100.412 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

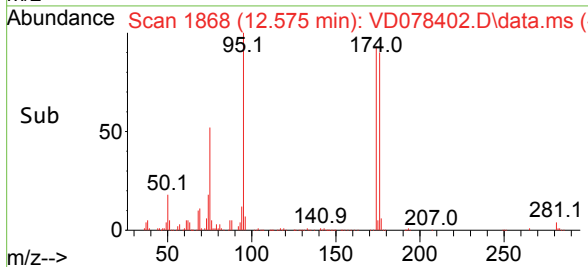
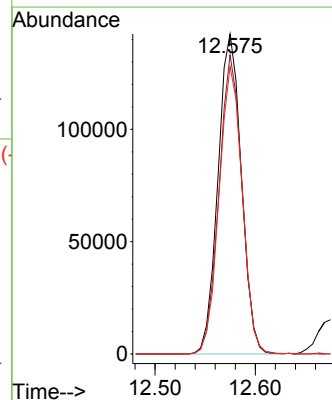
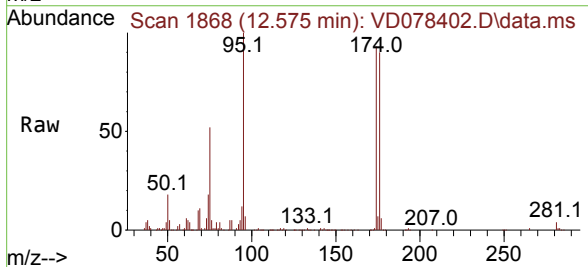
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

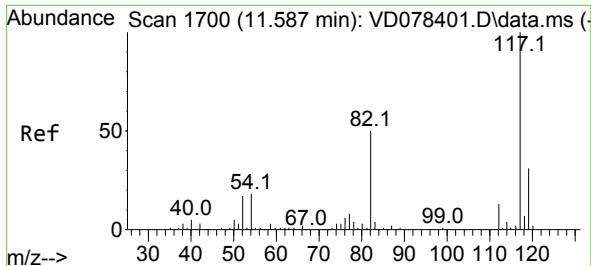
Tgt Ion:107 Resp: 145799
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 106.552 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 95 Resp: 229887
Ion Ratio Lower Upper
95 100
174 92.1 0.0 201.8
176 89.0 0.0 191.8

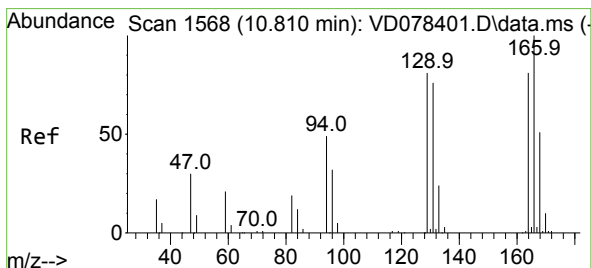
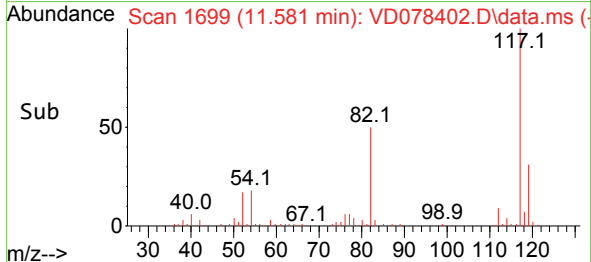
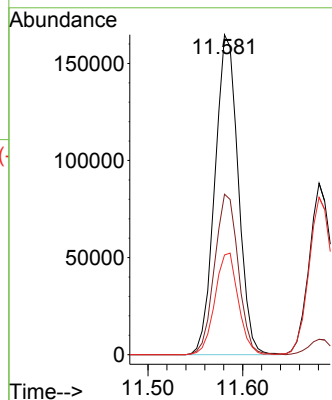
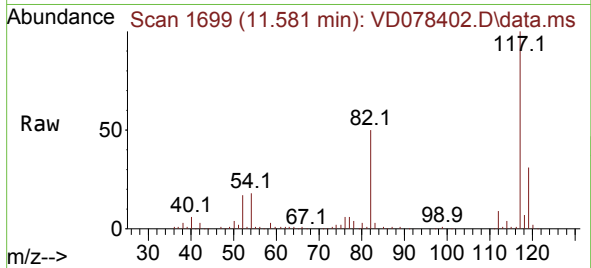




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

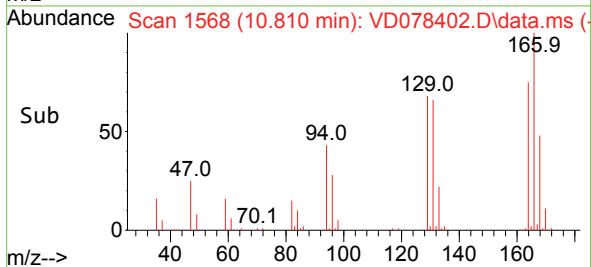
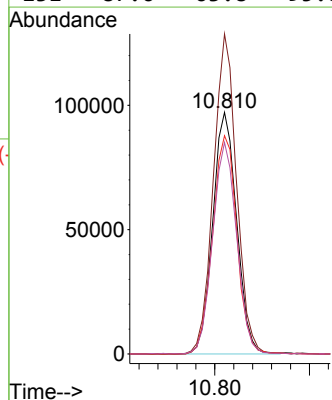
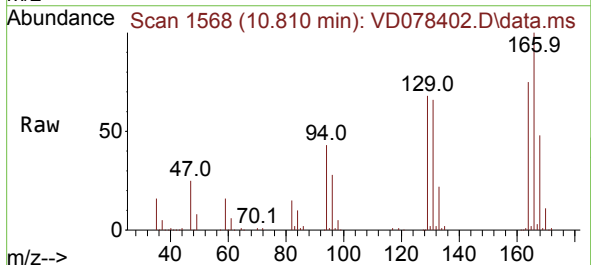
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

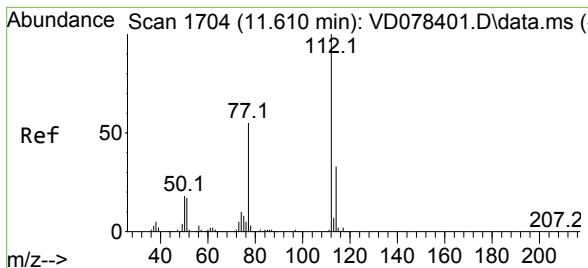
Tgt Ion:117 Resp: 281796
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 95.724 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:164 Resp: 170379
Ion Ratio Lower Upper
164 100
166 132.5 99.2 148.8
129 90.4 68.4 102.6
131 87.6 63.8 95.8

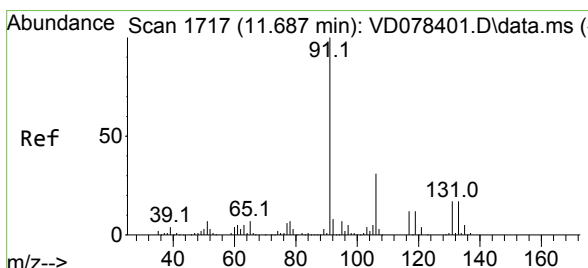
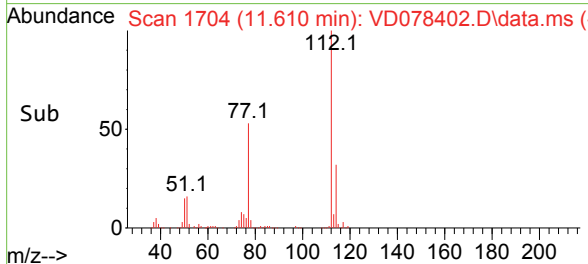
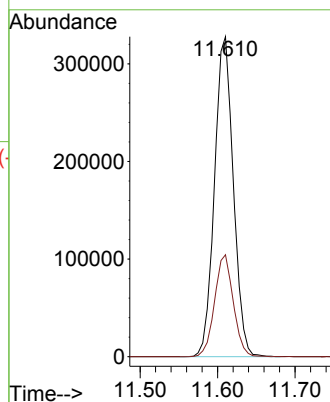
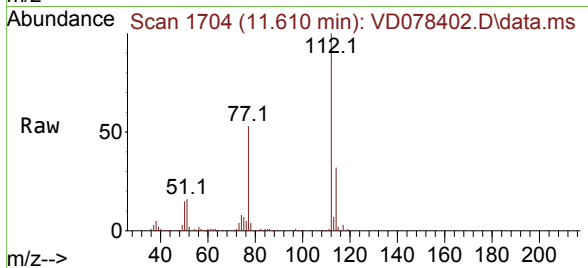




#65
Chlorobenzene
Concen: 97.568 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

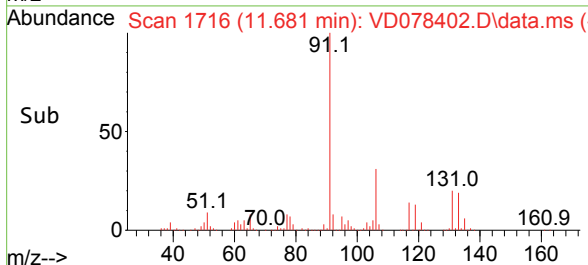
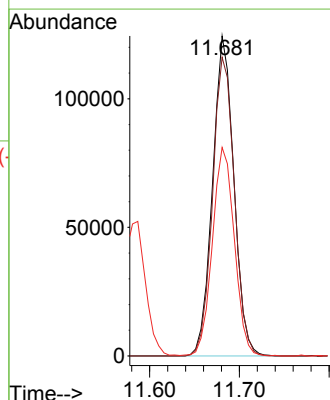
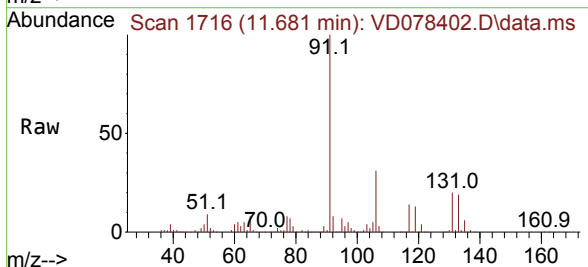
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

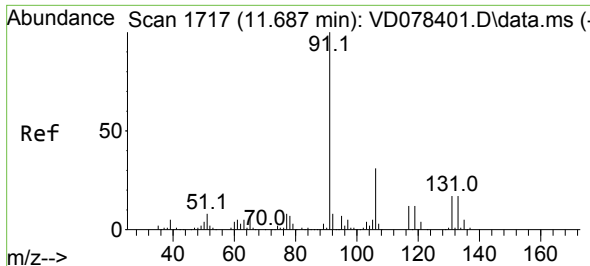
Tgt Ion:112 Resp: 552743
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 98.483 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:131 Resp: 205037
Ion Ratio Lower Upper
131 100
133 95.6 48.5 145.5
119 67.3 35.6 106.9

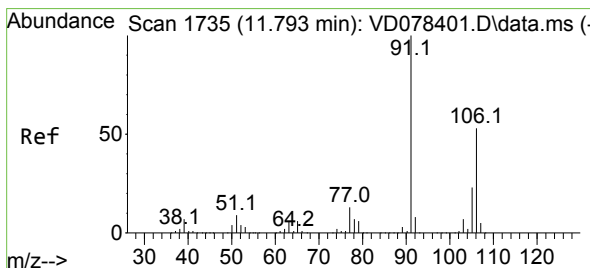
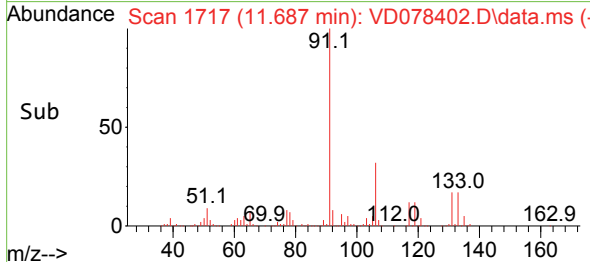
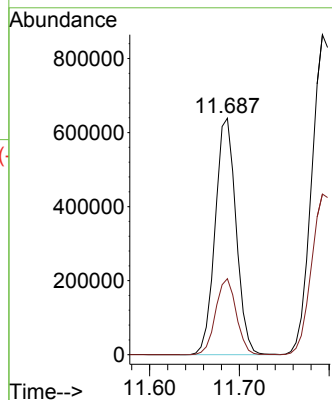
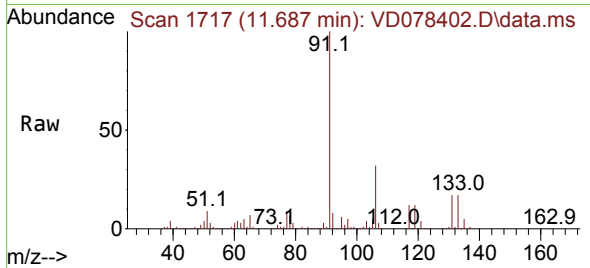




#67
Ethyl Benzene
Concen: 101.647 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

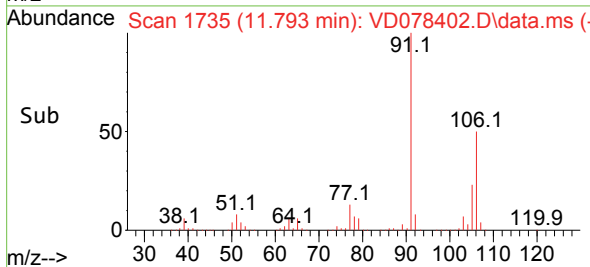
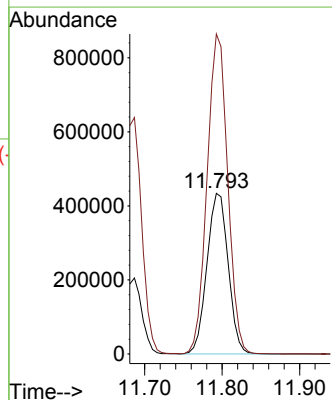
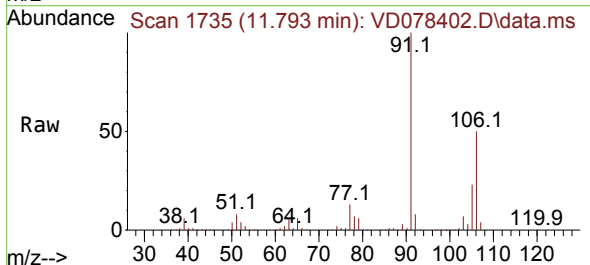
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

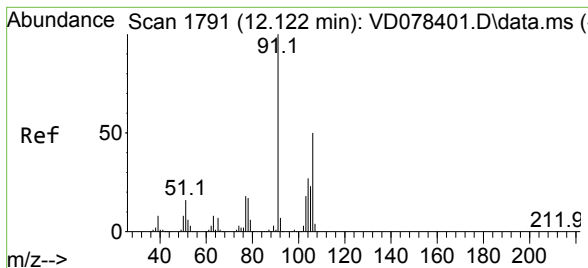
Tgt Ion: 91 Resp: 1031779
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7



#68
m/p-Xylenes
Concen: 208.468 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 106 Resp: 825408
Ion Ratio Lower Upper
106 100
91 193.4 147.0 220.6

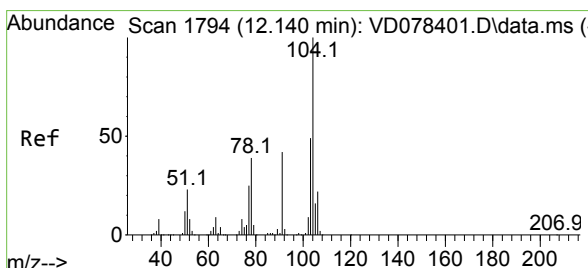
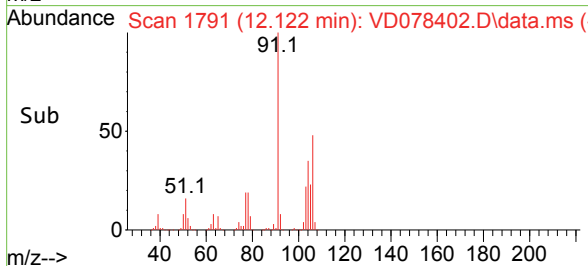
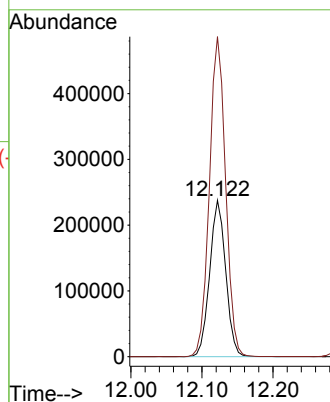
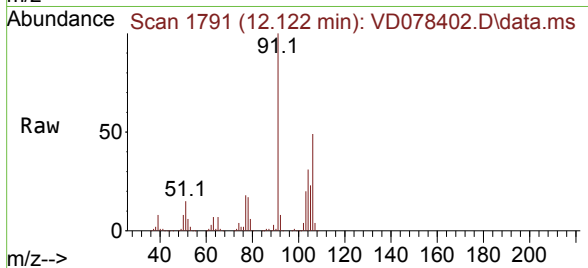




#69
o-Xylene
Concen: 103.063 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

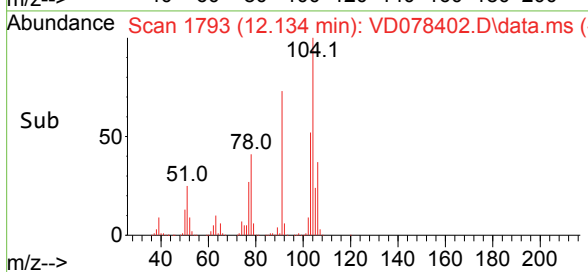
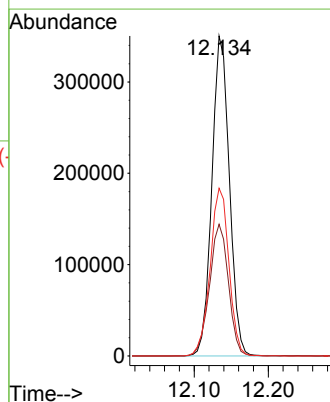
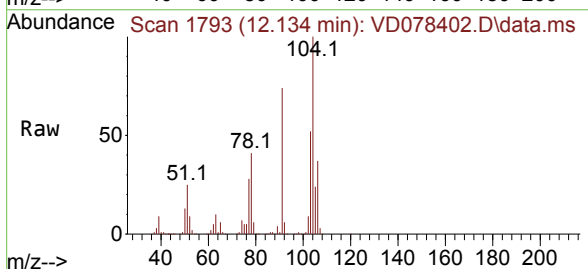
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

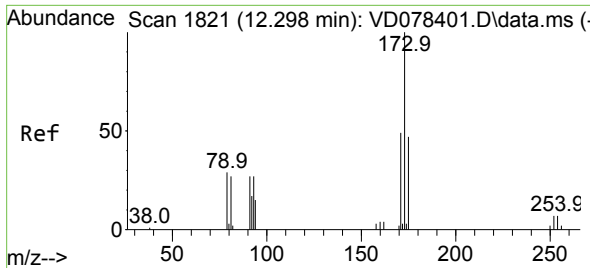
Tgt Ion:106 Resp: 372391
Ion Ratio Lower Upper
106 100
91 207.1 97.9 293.6



#70
Styrene
Concen: 97.513 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:104 Resp: 575029
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 56.2 43.6 65.4

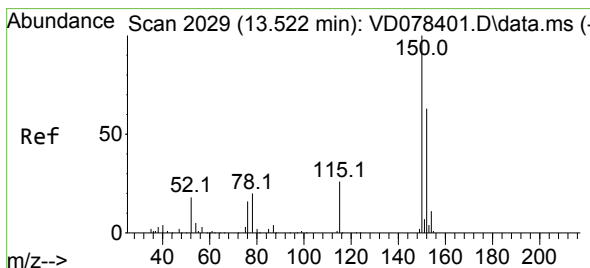
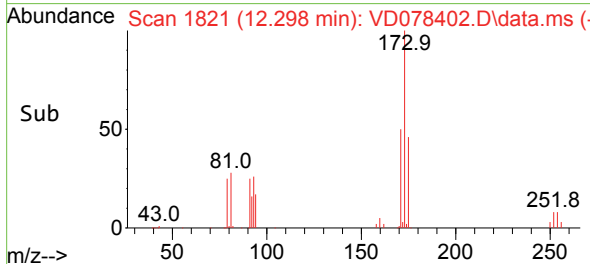
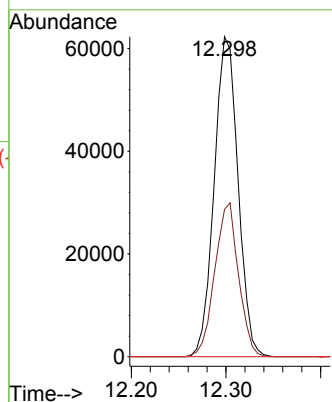
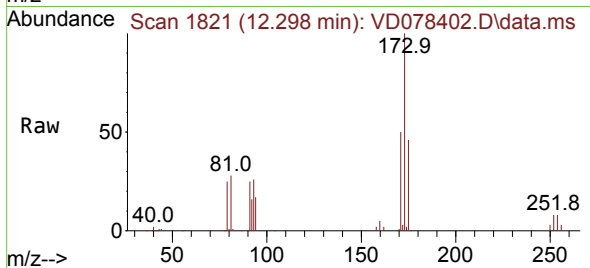




#71
Bromoform
Concen: 99.396 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

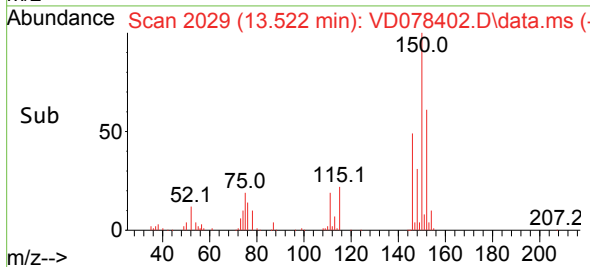
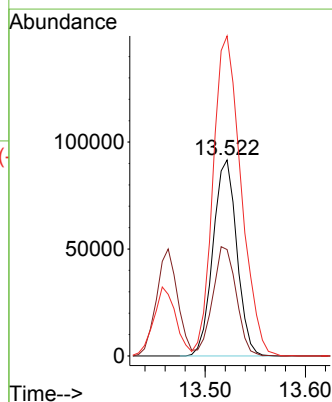
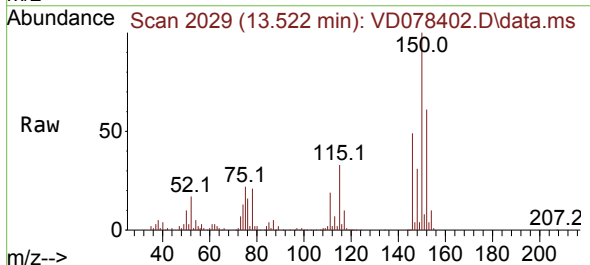
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

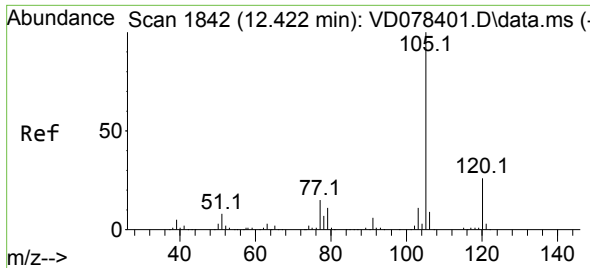
Tgt Ion:173 Resp: 108919
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:152 Resp: 151237
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 191.9 0.0 353.6

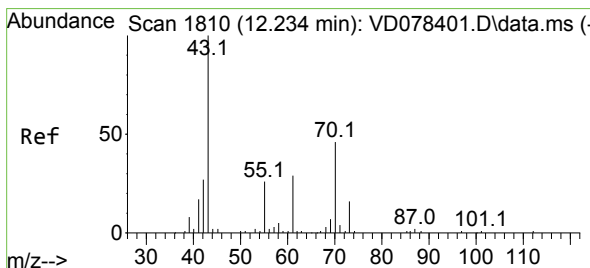
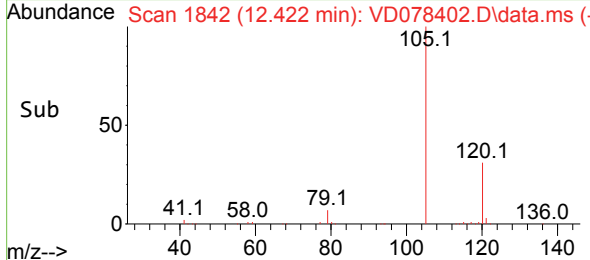
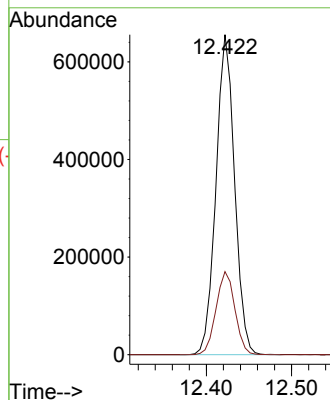
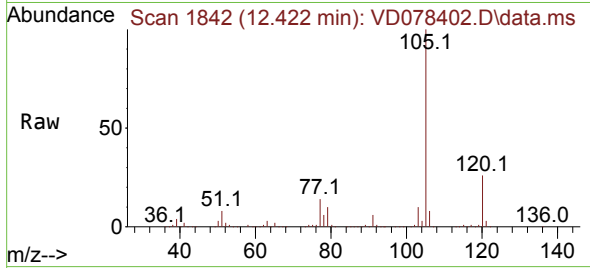




#73
Isopropylbenzene
Concen: 97.835 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

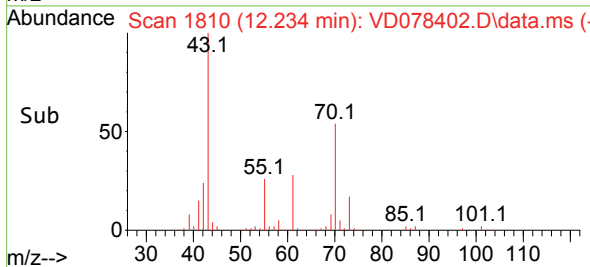
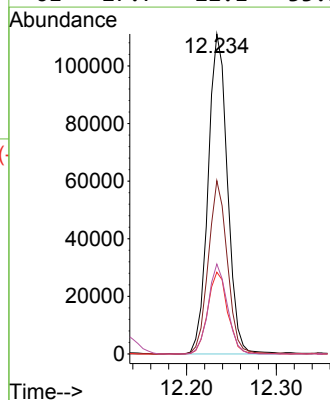
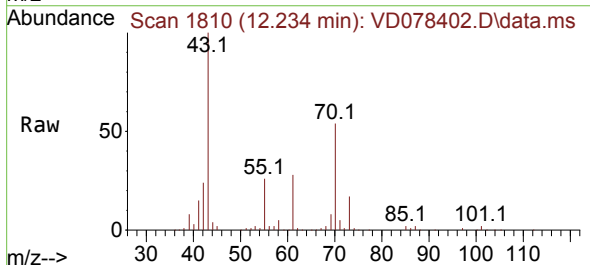
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

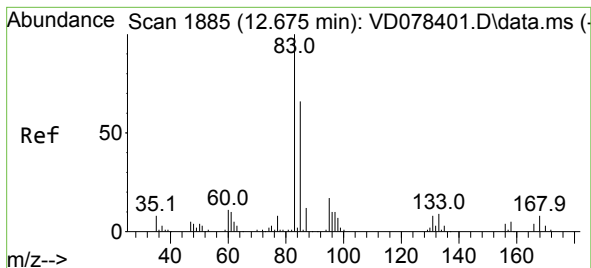
Tgt Ion:105 Resp: 993552
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 86.504 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 43 Resp: 166194
Ion Ratio Lower Upper
43 100
70 53.1 45.0 67.4
55 26.5 23.8 35.6
61 27.7 22.1 33.1

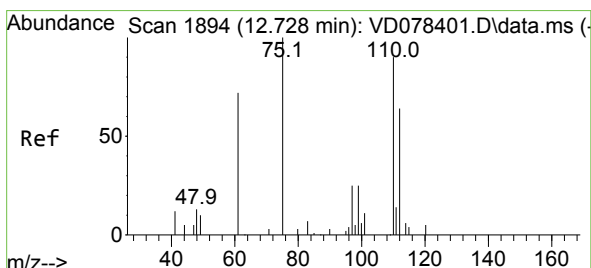
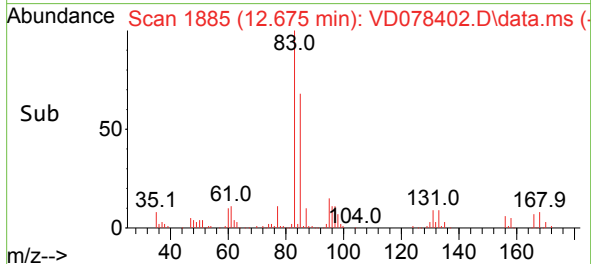
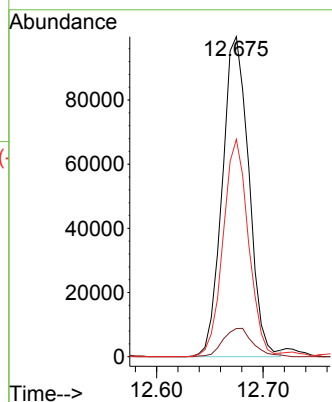
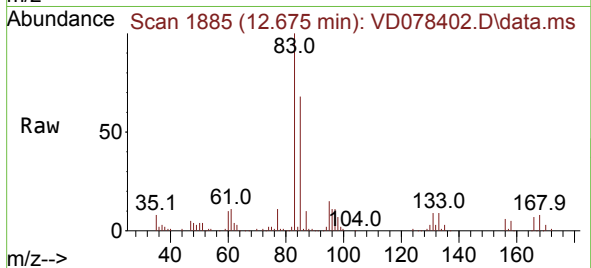




#75
1,1,2,2-Tetrachloroethane
Concen: 85.817 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

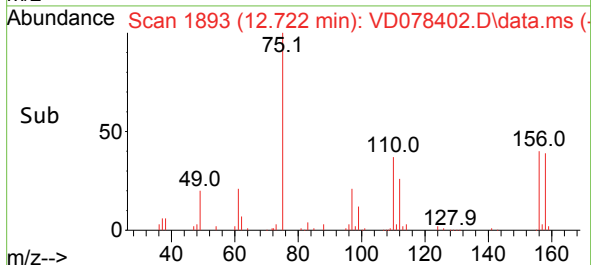
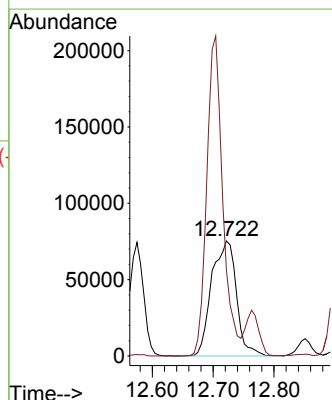
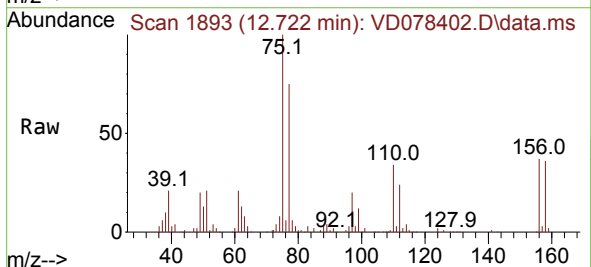
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

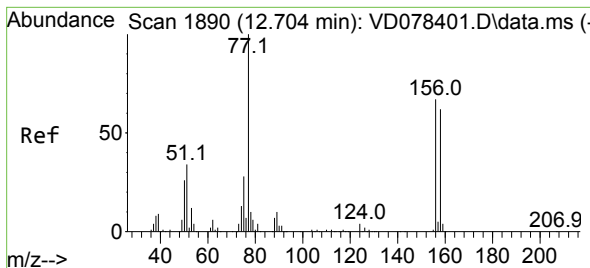
Tgt Ion: 83 Resp: 172878
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 165.399 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 75 Resp: 212919
Ion Ratio Lower Upper
75 100
77 180.2 0.0 0.0#





#77

Bromobenzene

Concen: 96.562 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

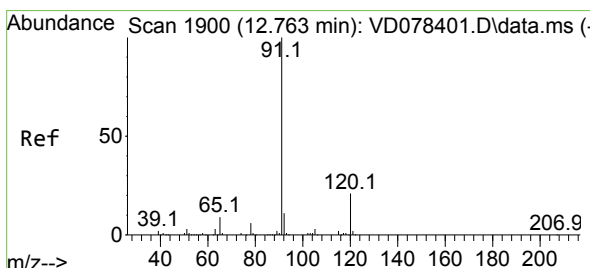
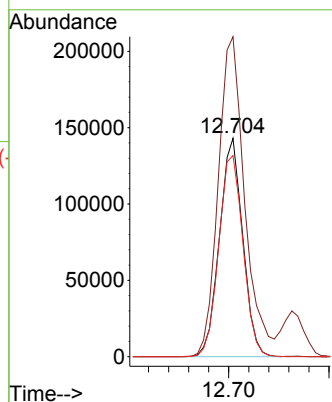
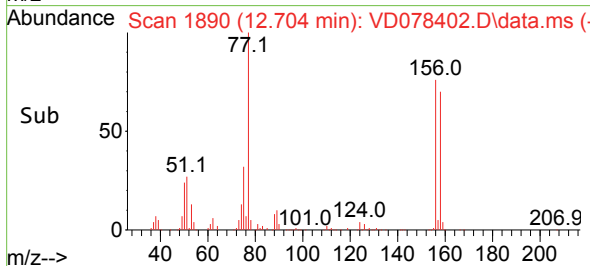
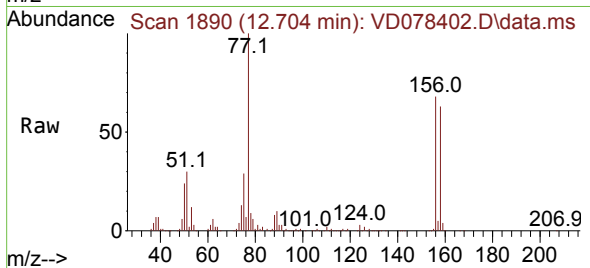
Tgt Ion:156 Resp: 230461

Ion Ratio Lower Upper

156 100

77 166.5 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 94.941 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078402.D

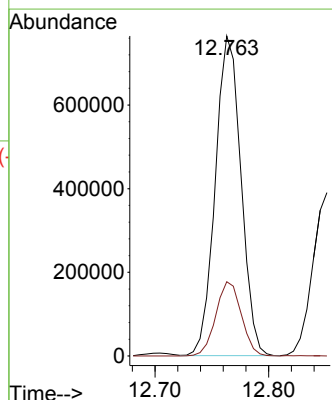
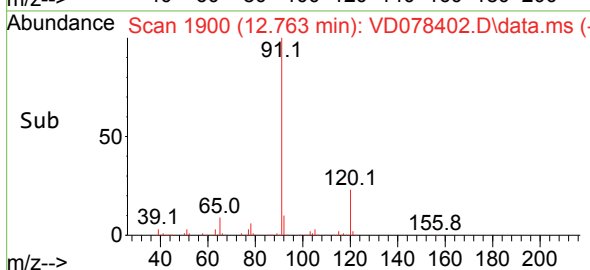
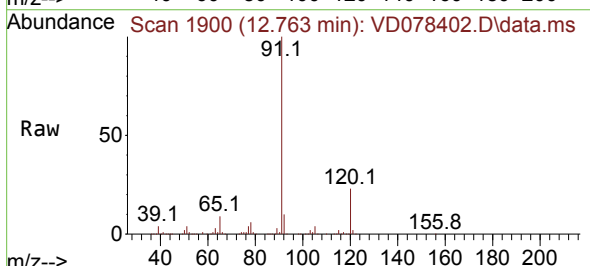
Acq: 13 Feb 2024 13:57

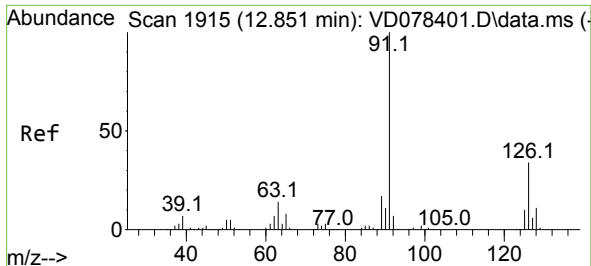
Tgt Ion: 91 Resp: 1201536

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

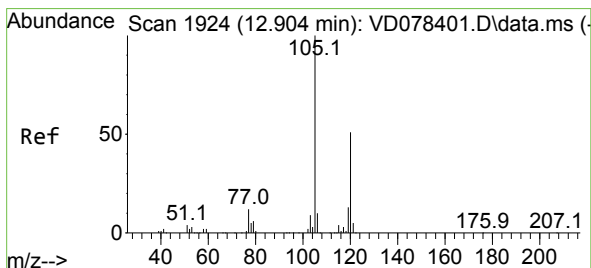
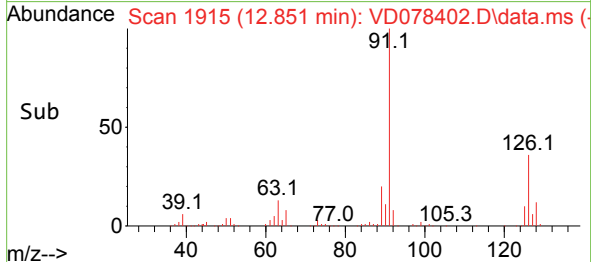
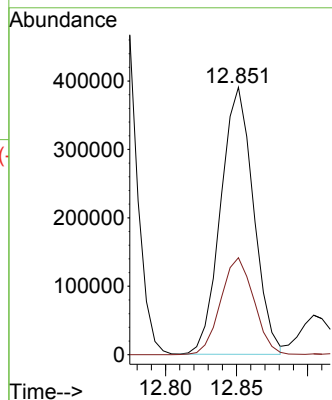
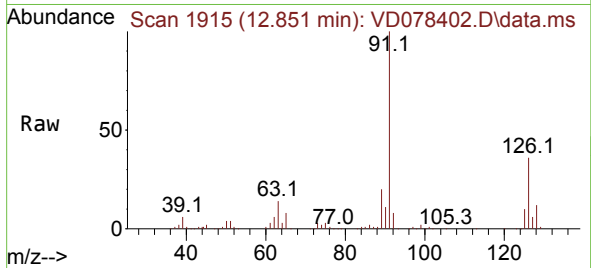




#79
2-Chlorotoluene
Concen: 92.829 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

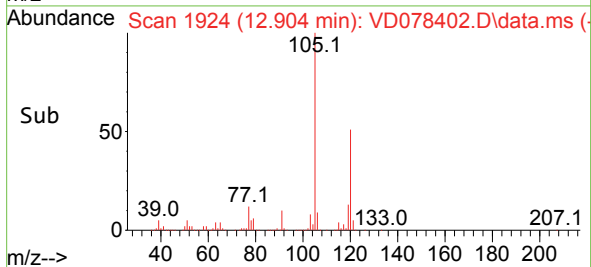
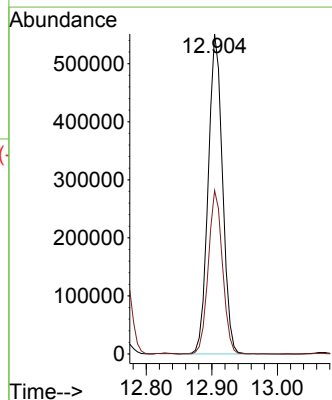
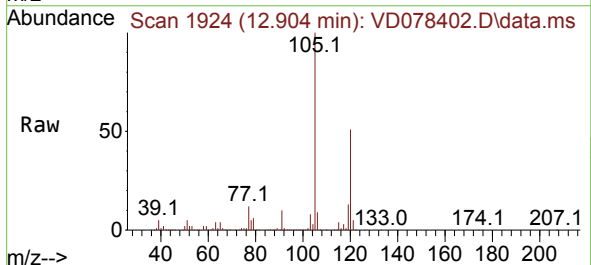
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

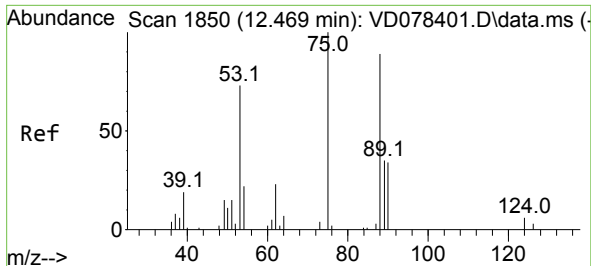
Tgt Ion: 91 Resp: 629226
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 99.104 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion: 105 Resp: 835707
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2

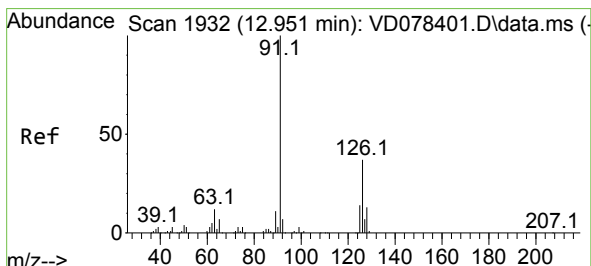
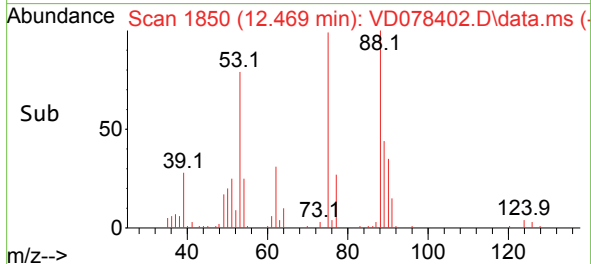
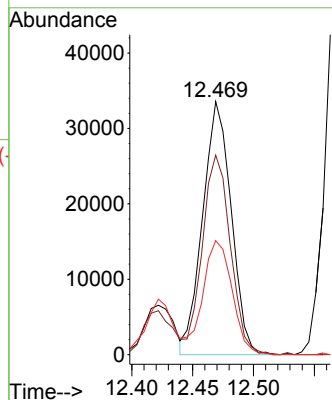
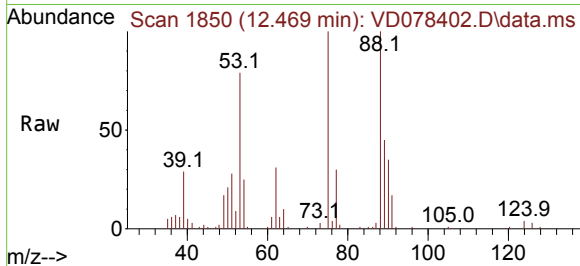




#81
trans-1,4-Dichloro-2-butene
Concen: 88.682 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

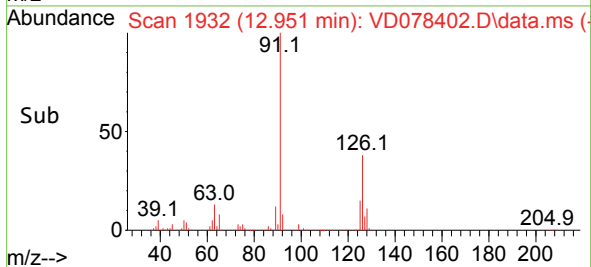
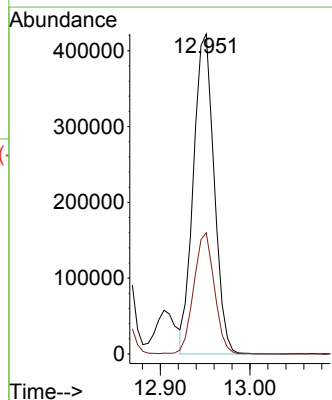
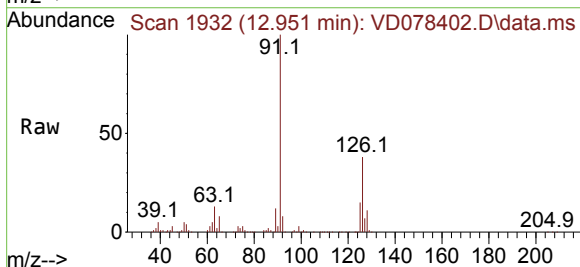
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

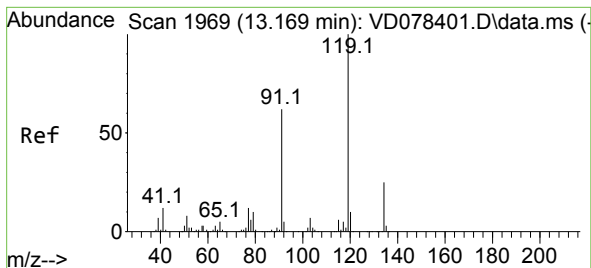
Tgt Ion	Ratio	Lower	Upper
75	100		
53	77.9	63.0	94.4
89	46.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 92.789 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.8	19.4	58.4

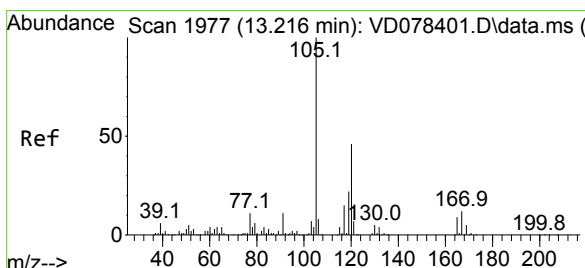
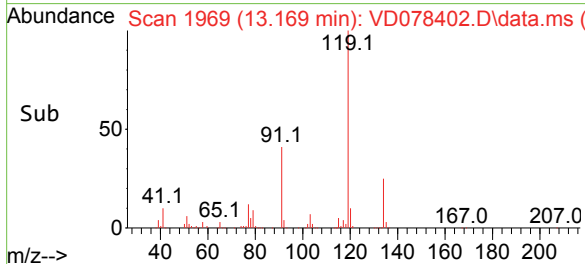
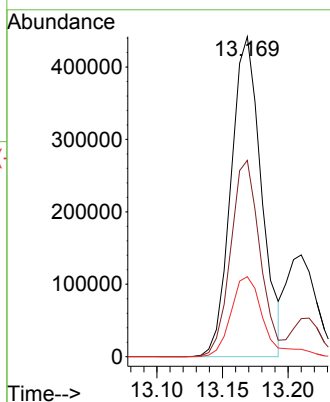
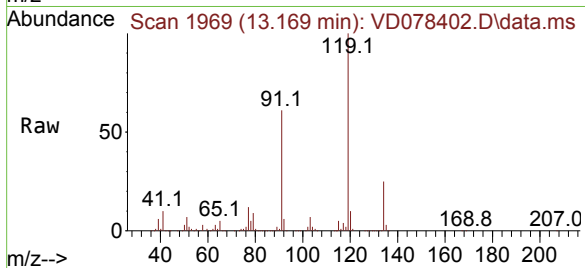




#83
tert-Butylbenzene
Concen: 100.404 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

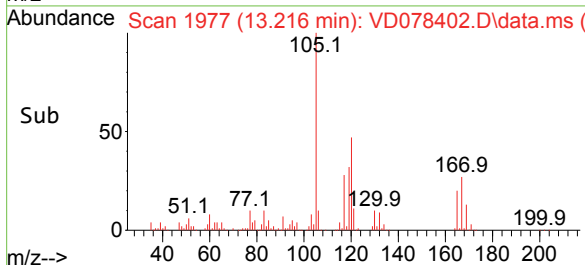
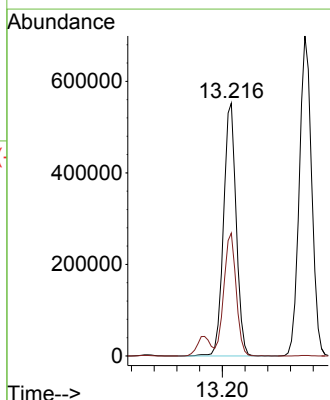
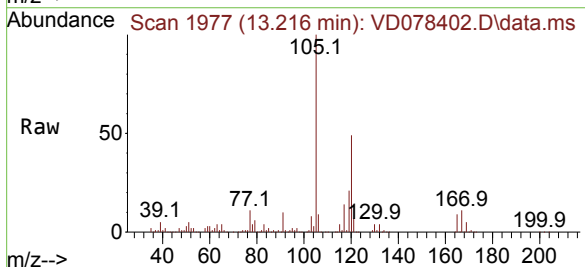
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

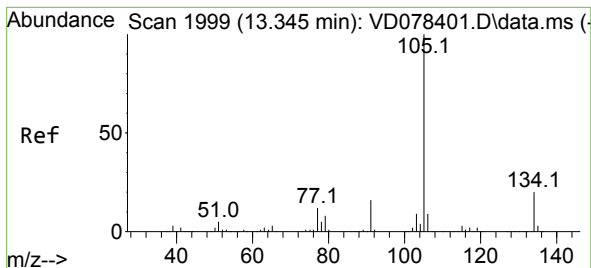
Tgt Ion:119 Resp: 714053
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 100.072 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:105 Resp: 856449
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 95.505 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

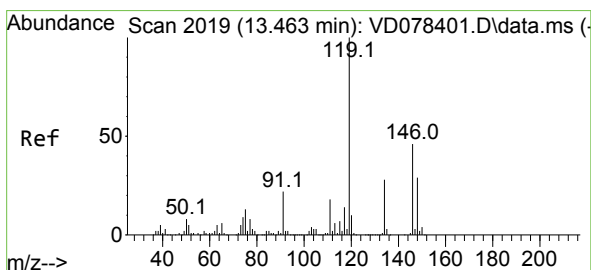
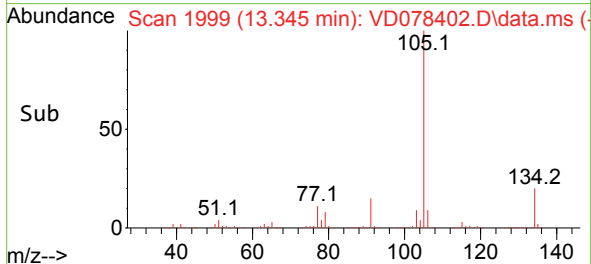
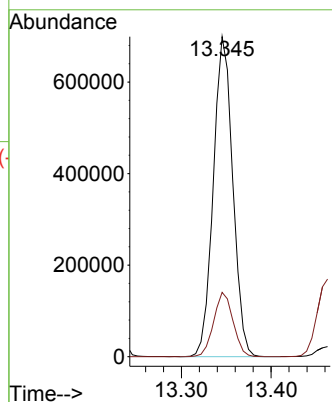
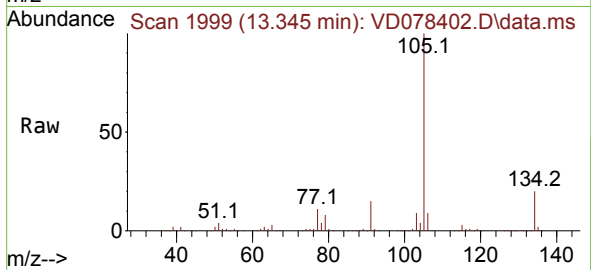
VSTDIC100

Tgt Ion:105 Resp: 1053347

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 102.877 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

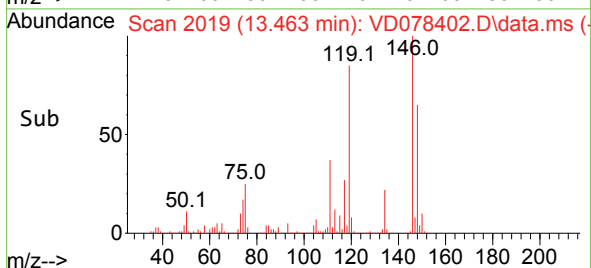
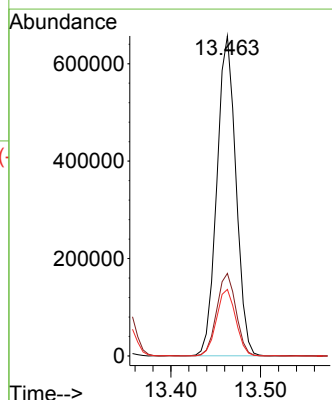
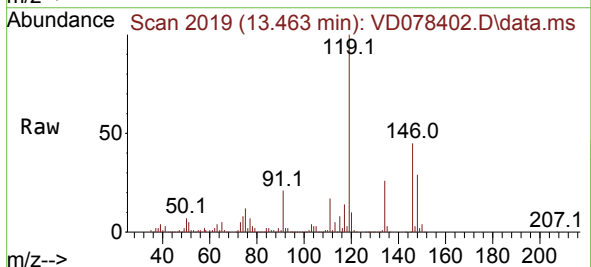
Tgt Ion:119 Resp: 966438

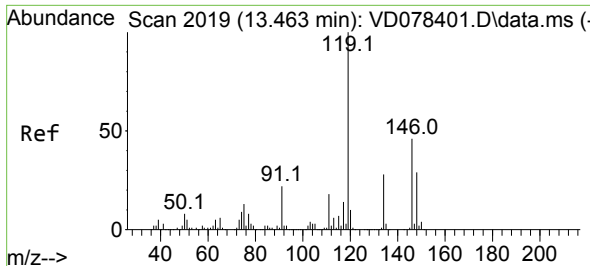
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 21.1 10.5 31.5

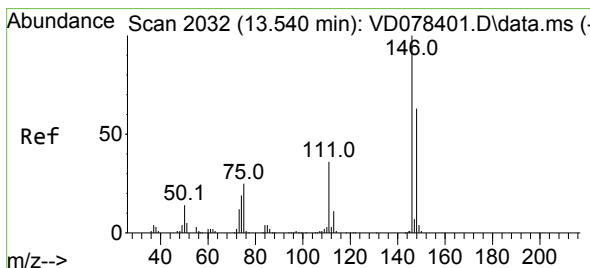
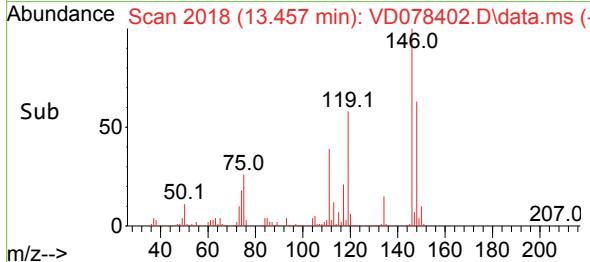
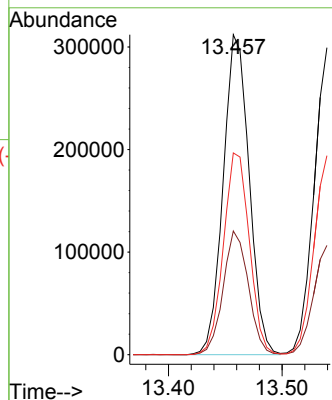
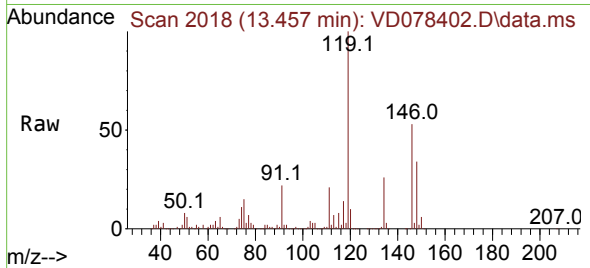




#87
1,3-Dichlorobenzene
Concen: 97.324 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

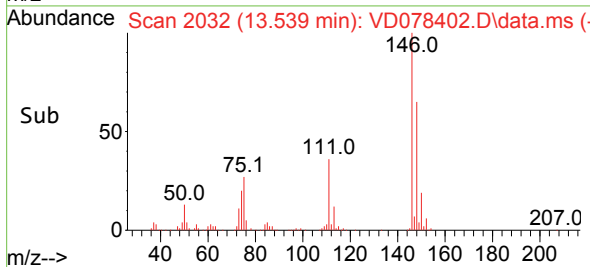
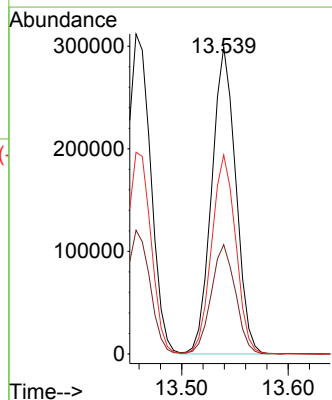
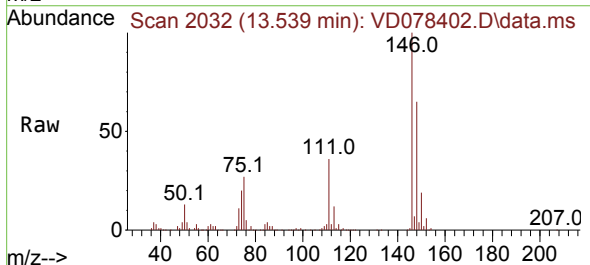
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

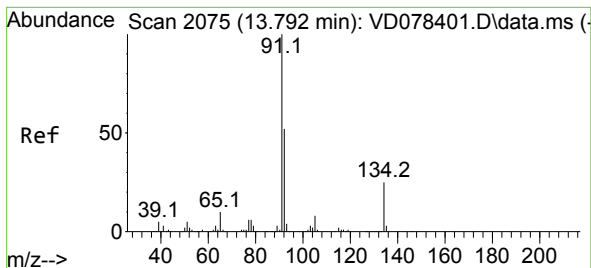
Tgt Ion:146 Resp: 495754
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 93.950 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078402.D
Acq: 13 Feb 2024 13:57

Tgt Ion:146 Resp: 470229
Ion Ratio Lower Upper
146 100
111 35.8 17.4 52.3
148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 96.508 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

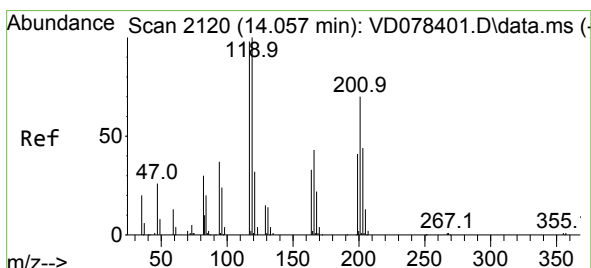
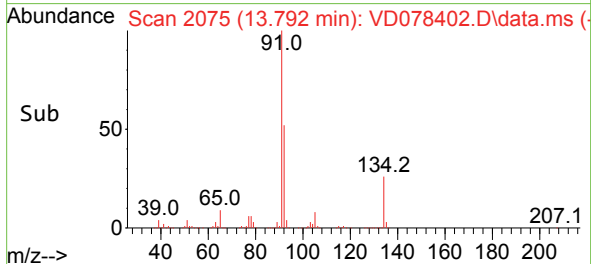
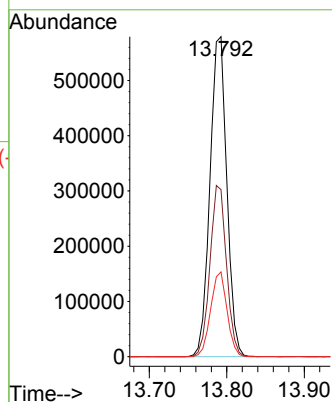
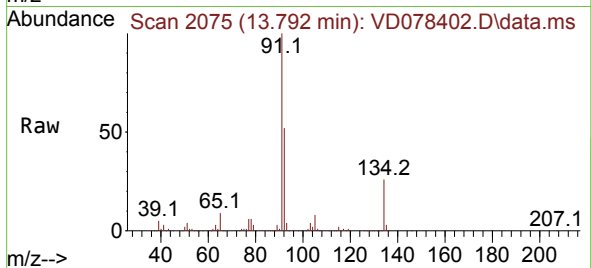
Tgt Ion: 91 Resp: 873840

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.8 13.8 41.3



#90

Hexachloroethane

Concen: 91.546 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078402.D

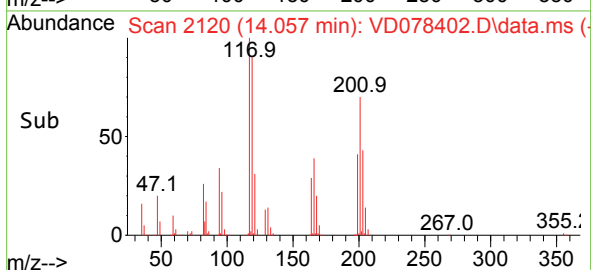
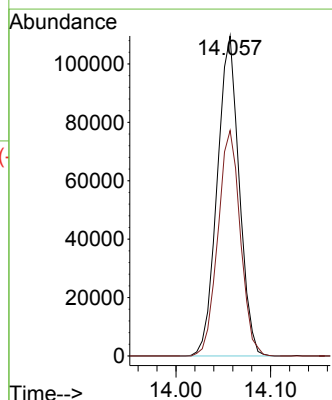
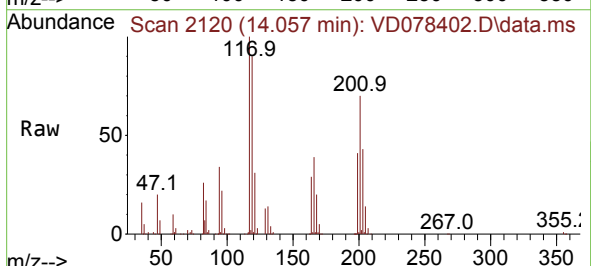
Acq: 13 Feb 2024 13:57

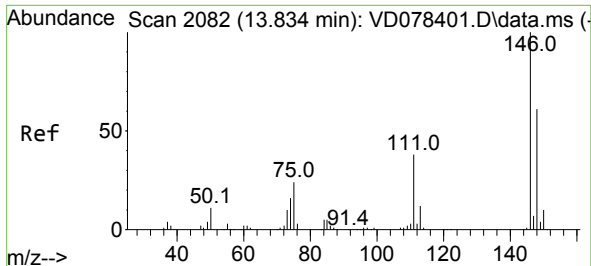
Tgt Ion: 117 Resp: 176756

Ion Ratio Lower Upper

117 100

201 71.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 96.095 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

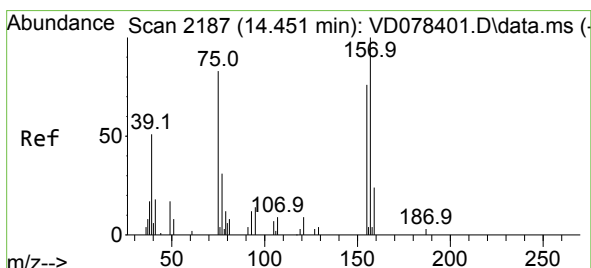
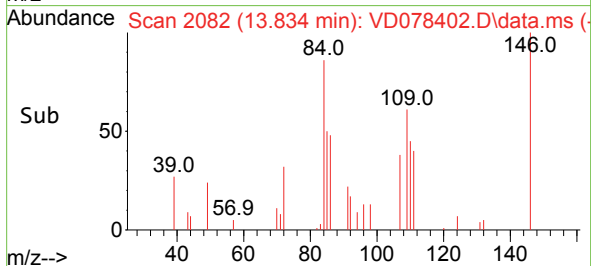
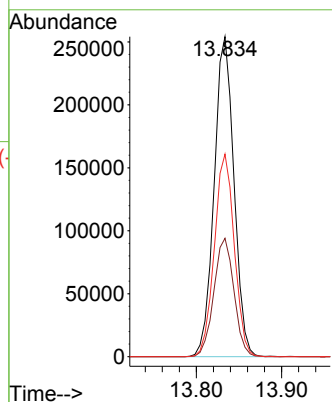
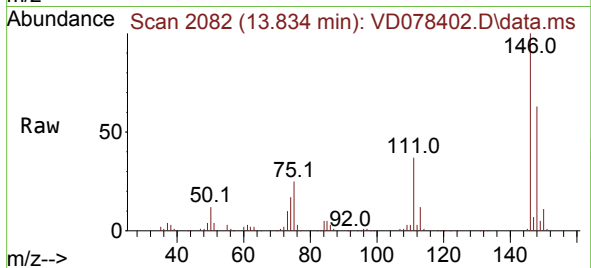
Tgt Ion:146 Resp: 411046

Ion Ratio Lower Upper

146 100

111 37.6 18.3 54.8

148 63.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 90.179 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

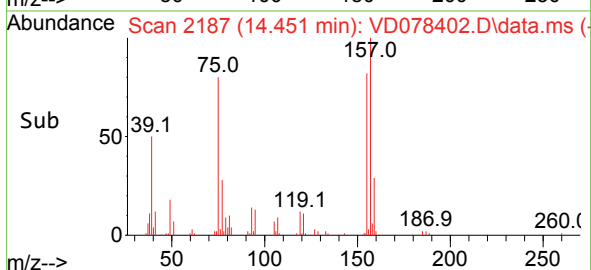
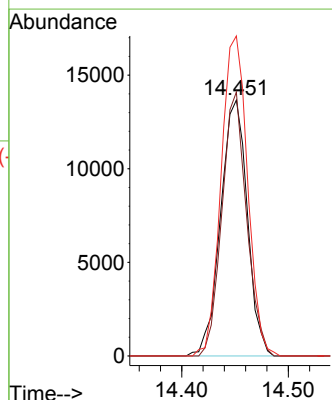
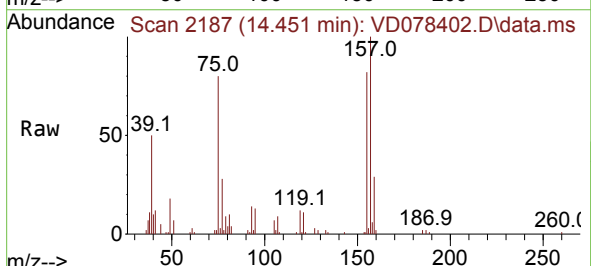
Tgt Ion: 75 Resp: 23787

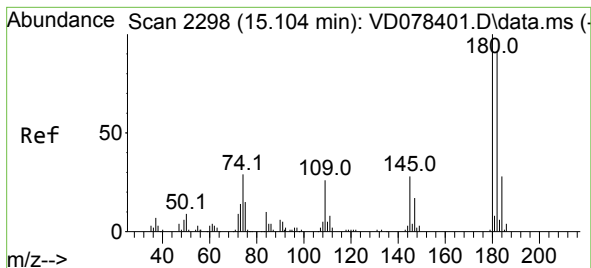
Ion Ratio Lower Upper

75 100

155 94.8 47.9 143.8

157 123.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 97.254 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

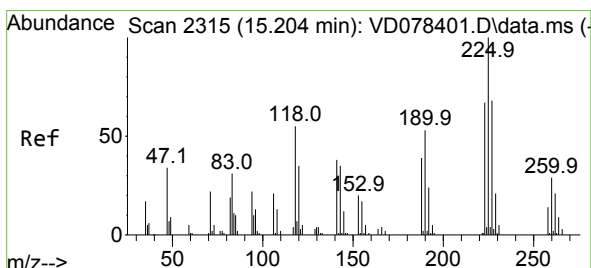
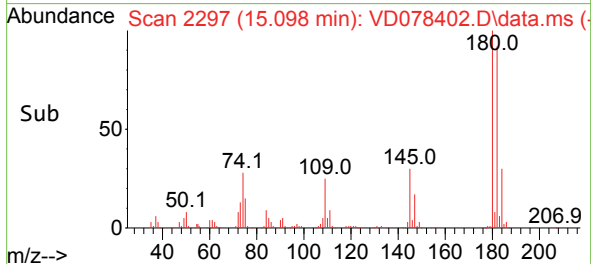
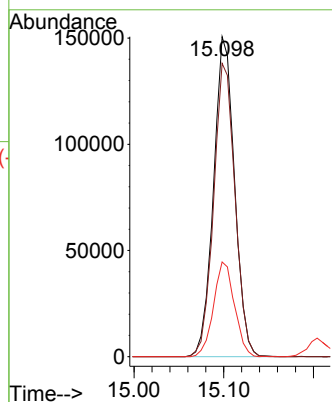
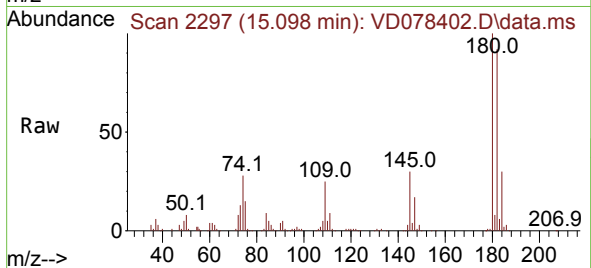
Tgt Ion:180 Resp: 244486

Ion Ratio Lower Upper

180 100

182 93.4 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 92.472 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

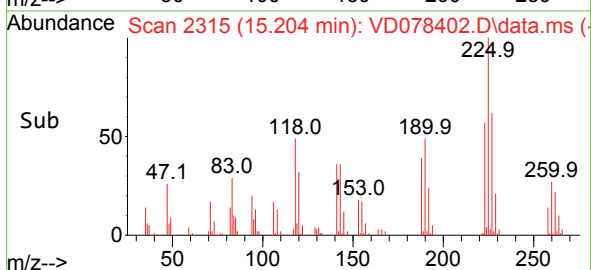
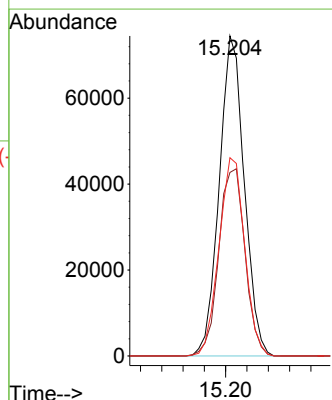
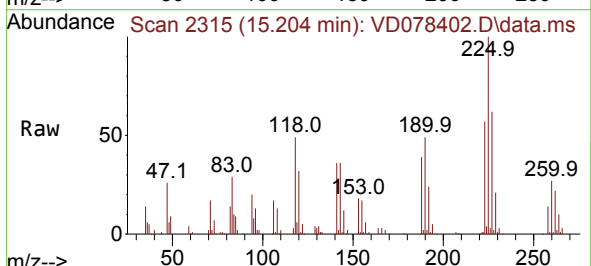
Tgt Ion:225 Resp: 121338

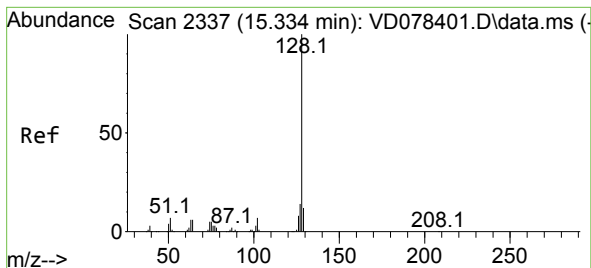
Ion Ratio Lower Upper

225 100

223 61.3 31.6 94.8

227 63.6 31.7 95.1





#95

Naphthalene

Concen: 102.501 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

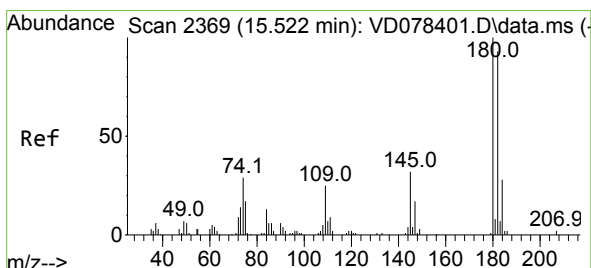
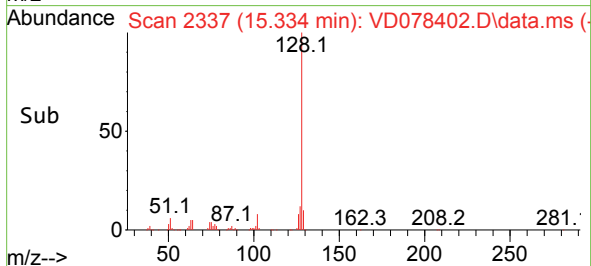
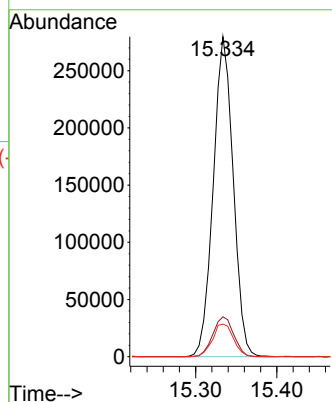
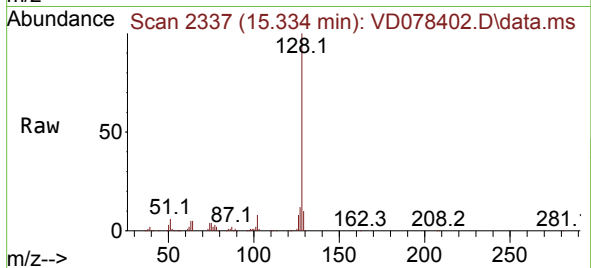
Tgt Ion:128 Resp: 477930

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 98.804 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078402.D

Acq: 13 Feb 2024 13:57

Tgt Ion:180 Resp: 210504

Ion Ratio Lower Upper

180 100

182 98.1 47.3 141.9

145 31.6 15.1 45.3

