

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078398.D
 Acq On : 13 Feb 2024 10:04
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 14 00:47:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	147052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	272920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	113163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8488	5.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.680%#
35) Dibromofluoromethane	7.816	113	8250	4.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.520%#
50) Toluene-d8	10.269	98	32703	4.716	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.440%#
62) 4-Bromofluorobenzene	12.575	95	9349	4.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.260%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	8343	5.758	ug/l	96
3) Chloromethane	2.152	50	15849	5.952	ug/l	# 88
4) Vinyl Chloride	2.287	62	23690	5.831	ug/l	99
5) Bromomethane	2.693	94	15301	5.456	ug/l	99
6) Chloroethane	2.846	64	16946	5.720	ug/l	95
7) Trichlorofluoromethane	3.175	101	15925	5.810	ug/l	# 83
8) Diethyl Ether	3.599	74	4554	5.769	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.964	101	10915	6.313	ug/l	93
10) Methyl Iodide	4.164	142	7050	4.552	ug/l	# 88
11) Tert butyl alcohol	5.075	59	2674	25.967	ug/l	# 81
12) 1,1-Dichloroethene	3.952	96	9618	6.000	ug/l	88
13) Acrolein	3.799	56	3686	25.094	ug/l	95
14) Allyl chloride	4.558	41	11183	5.647	ug/l	# 82
15) Acrylonitrile	5.258	53	9651	28.557	ug/l	96
16) Acetone	4.034	43	11164	14.008	ug/l	# 83
17) Carbon Disulfide	4.264	76	32039	5.940	ug/l	98
18) Methyl Acetate	4.564	43	3958	7.177	ug/l	# 67
19) Methyl tert-butyl Ether	5.317	73	17811	5.229	ug/l	100
20) Methylene Chloride	4.799	84	13064	4.438	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	6106	3.238	ug/l	96
22) Diisopropyl ether	6.216	45	23361	5.352	ug/l	# 79
23) Vinyl Acetate	6.164	43	68773	25.423	ug/l	96
24) 1,1-Dichloroethane	6.116	63	17564	5.680	ug/l	96
25) 2-Butanone	7.087	43	13349	18.865	ug/l	# 73
26) 2,2-Dichloropropane	7.069	77	15267	5.890	ug/l	# 69
27) cis-1,2-Dichloroethene	7.081	96	11821	5.713	ug/l	95
28) Bromochloromethane	7.428	49	6588	5.379	ug/l	# 74
29) Tetrahydrofuran	7.452	42	6602	27.920	ug/l	# 85
30) Chloroform	7.599	83	18841	5.759	ug/l	89
31) Cyclohexane	7.881	56	17074	6.348	ug/l	# 84
32) 1,1,1-Trichloroethane	7.787	97	15802	5.665	ug/l	93
36) 1,1-Dichloropropene	8.011	75	14050	5.217	ug/l	94
37) Ethyl Acetate	7.169	43	3631	3.846	ug/l	# 92
38) Carbon Tetrachloride	7.999	117	14005	5.251	ug/l	# 80
39) Methylcyclohexane	9.275	83	17285	5.406	ug/l	97
40) Benzene	8.252	78	39455	5.068	ug/l	97

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 14 00:47:57 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)
41) Methacrylonitrile	7.405	41	2412	4.909	ug/l #	76
42) 1,2-Dichloroethane	8.328	62	11005	5.464	ug/l	94
43) Isopropyl Acetate	8.369	43	8599	4.919	ug/l #	85
44) Trichloroethene	9.028	130	10284	5.178	ug/l	92
45) 1,2-Dichloropropane	9.305	63	10174	5.327	ug/l	91
46) Dibromomethane	9.387	93	5647	5.256	ug/l #	88
47) Bromodichloromethane	9.581	83	13948	5.242	ug/l #	91
48) Methyl methacrylate	9.381	41	4556	4.912	ug/l #	79
49) 1,4-Dioxane	9.399	88	1213	104.262	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	23206	25.010	ug/l #	84
52) Toluene	10.334	92	24061	4.888	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	11730	4.831	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	14560	4.946	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	7579	5.239	ug/l	96
56) Ethyl methacrylate	10.593	69	6838	5.111	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	13370	5.433	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.869	63	15141	19.211	ug/l	95
59) 2-Hexanone	10.922	43	17582	25.215	ug/l	87
60) Dibromochloromethane	11.075	129	8315	4.777	ug/l	99
61) 1,2-Dibromoethane	11.175	107	6555	4.826	ug/l	96
64) Tetrachloroethene	10.810	164	8612	5.496	ug/l #	81
65) Chlorobenzene	11.604	112	25924	5.198	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	9389	5.123	ug/l	93
67) Ethyl Benzene	11.687	91	44650	4.997	ug/l	96
68) m/p-Xylenes	11.799	106	33233	9.534	ug/l	88
69) o-Xylene	12.122	106	15666	4.925	ug/l	96
70) Styrene	12.140	104	26901	5.182	ug/l	98
71) Bromoform	12.299	173	5233	5.424	ug/l #	97
73) Isopropylbenzene	12.422	105	39956	5.258	ug/l	95
74) N-amyl acetate	12.234	43	7920	5.509	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	8831	5.859	ug/l	92
76) 1,2,3-Trichloropropane	12.722	75	9811	10.186	ug/l #	100
77) Bromobenzene	12.704	156	9928	5.559	ug/l	85
78) n-propylbenzene	12.763	91	50463	5.329	ug/l	94
79) 2-Chlorotoluene	12.851	91	27287	5.380	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	31950	5.064	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.481	75	2708	5.852	ug/l	96
82) 4-Chlorotoluene	12.951	91	29667	5.446	ug/l	97
83) tert-Butylbenzene	13.169	119	27101	5.093	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	31315	4.890	ug/l	94
85) sec-Butylbenzene	13.345	105	44957	5.448	ug/l	95
86) p-Isopropyltoluene	13.463	119	35260	5.016	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	20379	5.347	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	20305	5.422	ug/l	91
89) n-Butylbenzene	13.793	91	36235	5.348	ug/l	96
90) Hexachloroethane	14.057	117	8398	5.813	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	17157	5.360	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	981	4.970	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	9828	5.225	ug/l	91
94) Hexachlorobutadiene	15.204	225	5752	5.859	ug/l	91
95) Naphthalene	15.340	128	16969	4.864	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	8381	5.257	ug/l	100

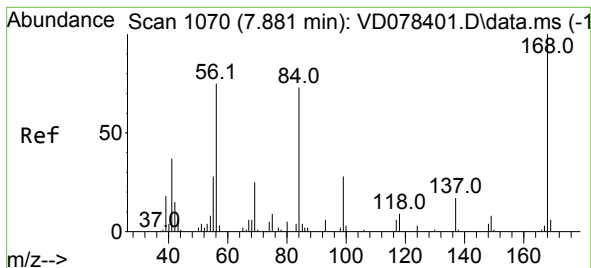
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
Data File : VD078398.D
Acq On : 13 Feb 2024 10:04
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

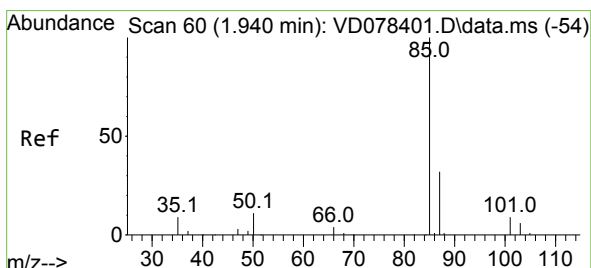
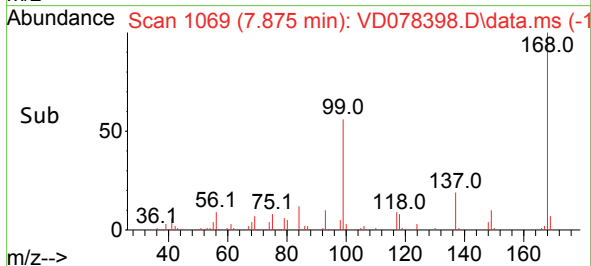
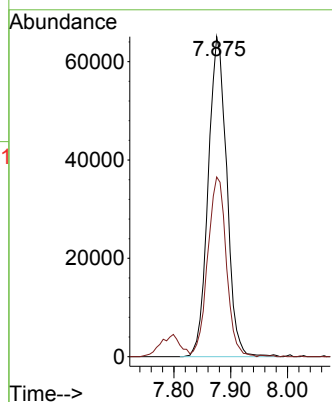
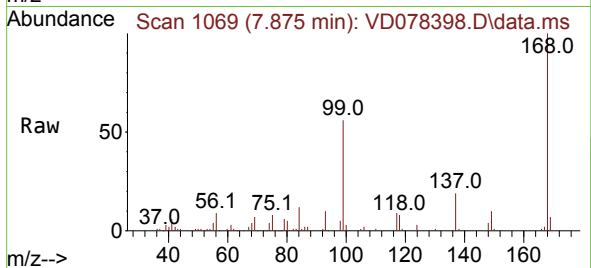
VSTDIC005

Tgt Ion:168 Resp: 147052

Ion Ratio Lower Upper

168 100

99 56.1 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 5.758 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.000 min

Lab File: VD078398.D

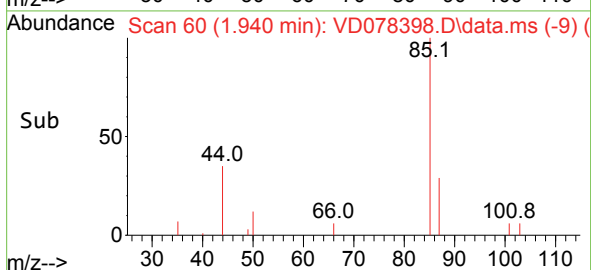
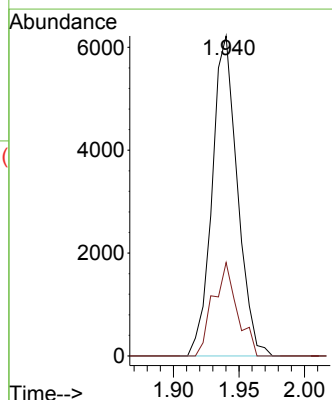
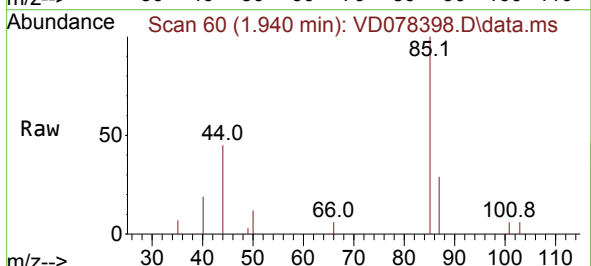
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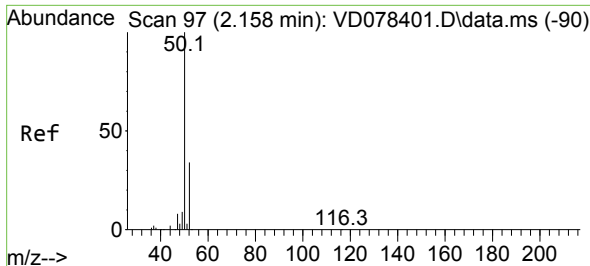
Tgt Ion: 85 Resp: 8343

Ion Ratio Lower Upper

85 100

87 29.2 15.7 47.0

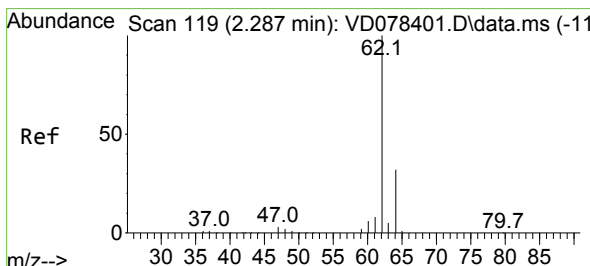
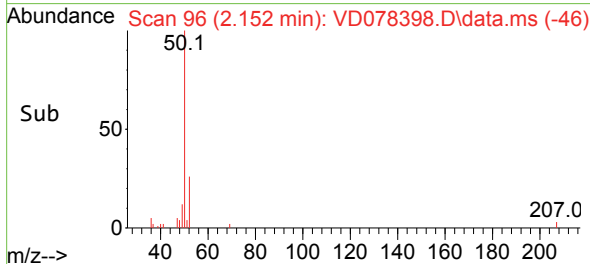
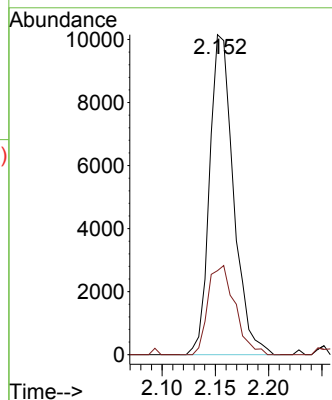
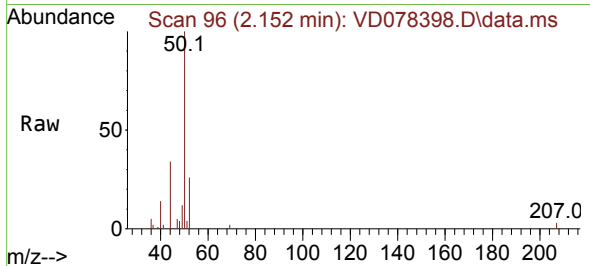




#3
Chloromethane
Concen: 5.952 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

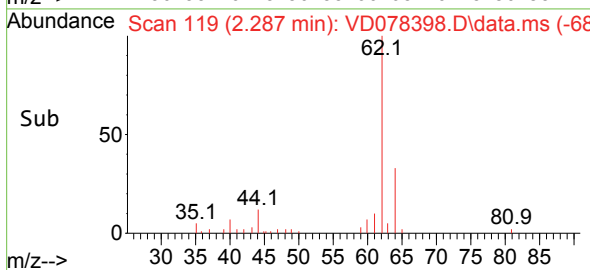
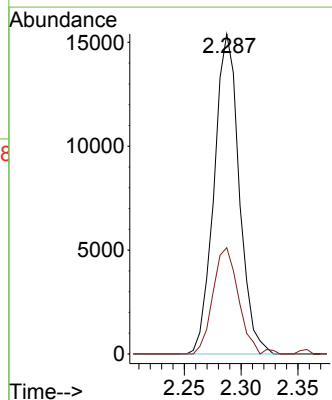
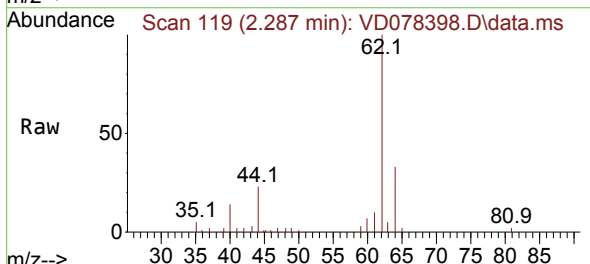
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

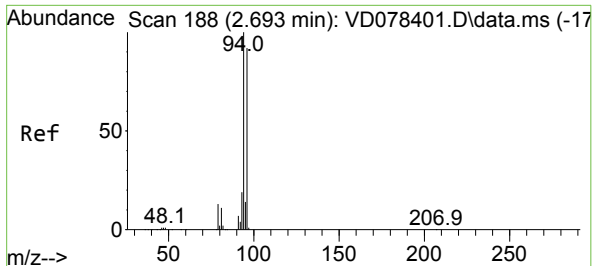
Tgt Ion: 50 Resp: 15849
Ion Ratio Lower Upper
50 100
52 26.2 26.6 40.0#



#4
Vinyl Chloride
Concen: 5.831 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 62 Resp: 23690
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0

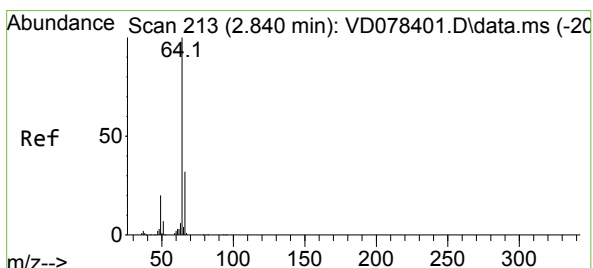
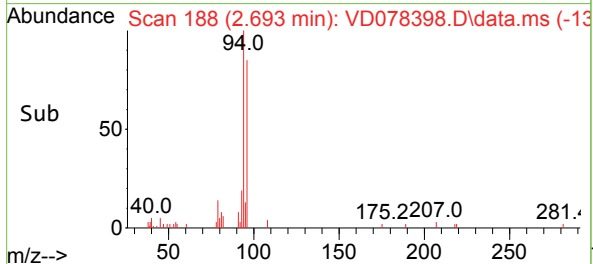
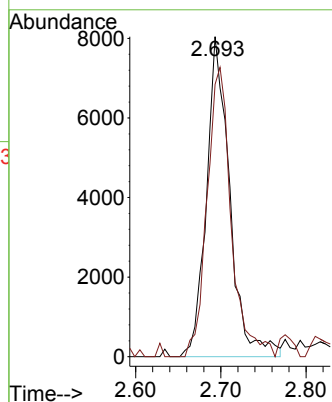
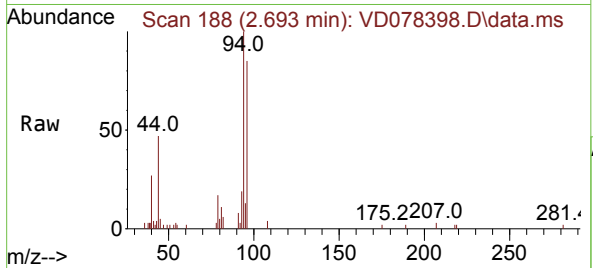




#5
Bromomethane
Concen: 5.456 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

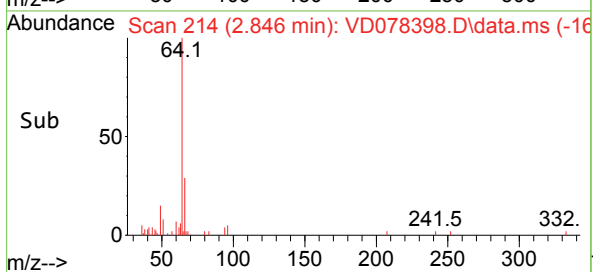
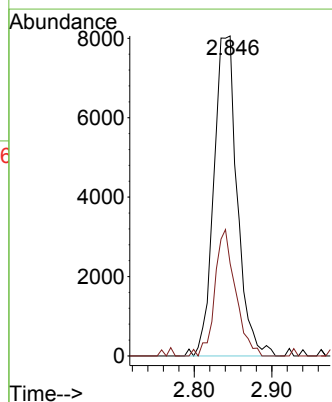
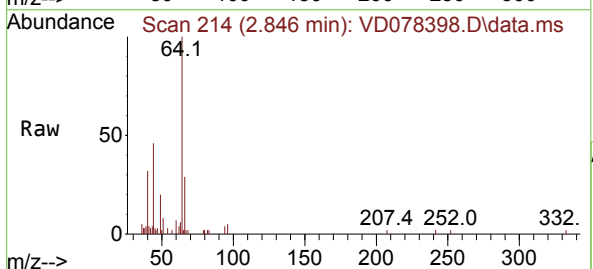
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

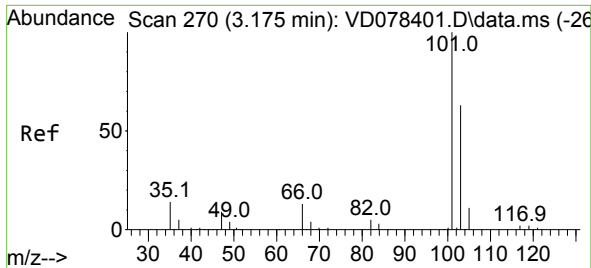
Tgt Ion: 94 Resp: 15301
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 5.720 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 64 Resp: 16946
Ion Ratio Lower Upper
64 100
66 28.9 25.5 38.3

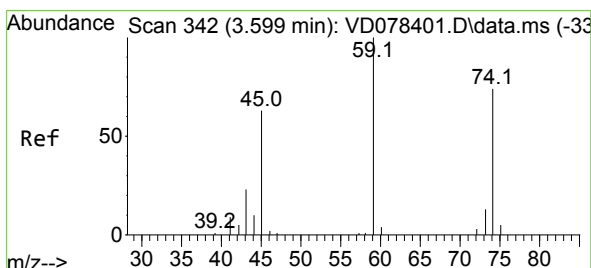
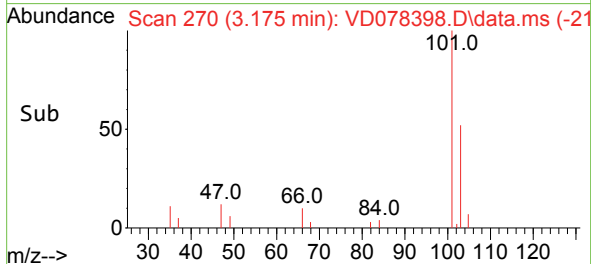
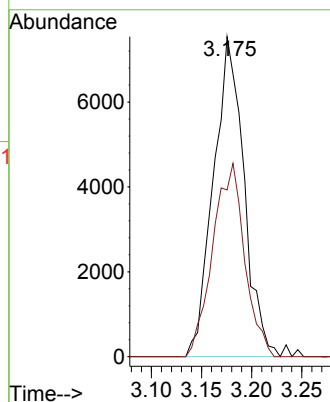
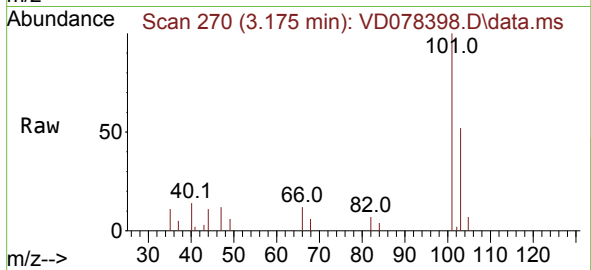




#7
Trichlorofluoromethane
Concen: 5.810 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

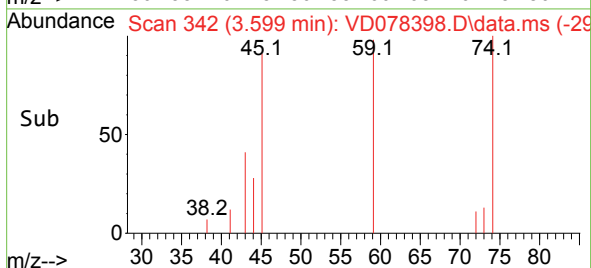
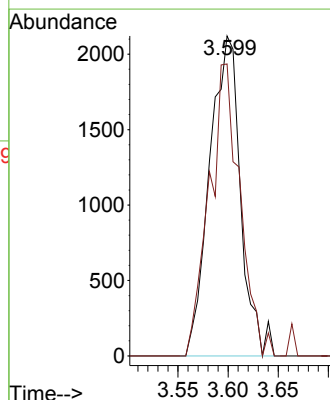
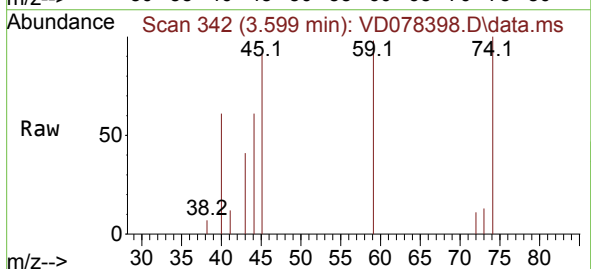
Instrument :
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ClientSampleId :
VSTDICC005

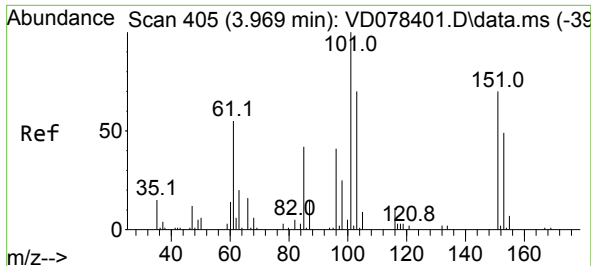
Tgt Ion:101 Resp: 15925
Ion Ratio Lower Upper
101 100
103 52.1 52.3 78.5#



#8
Diethyl Ether
Concen: 5.769 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 74 Resp: 4554
Ion Ratio Lower Upper
74 100
45 90.6 37.5 112.7

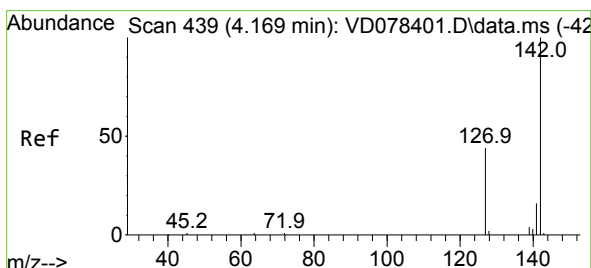
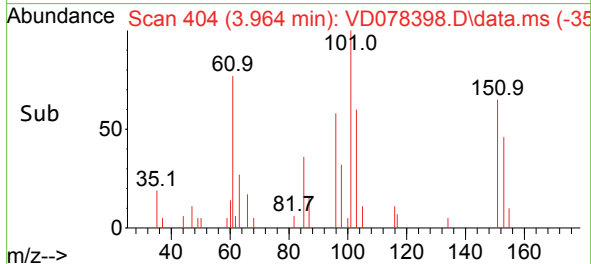
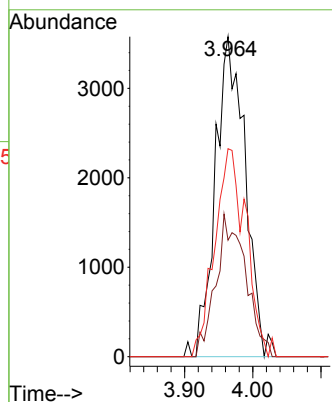
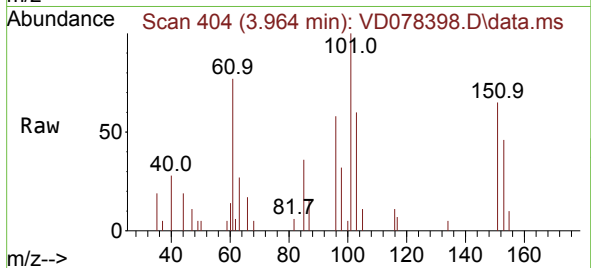




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.313 ug/l
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

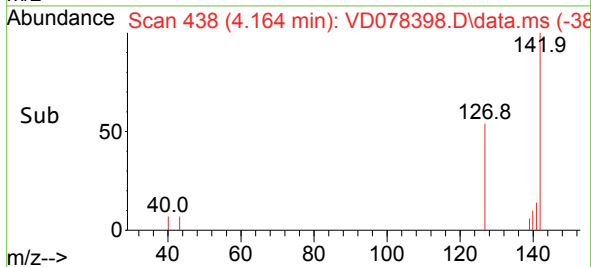
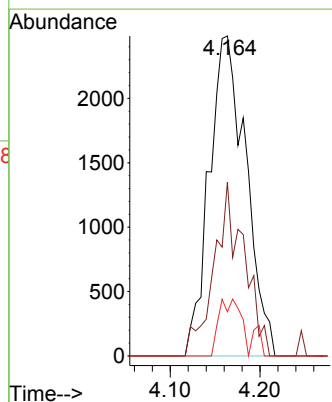
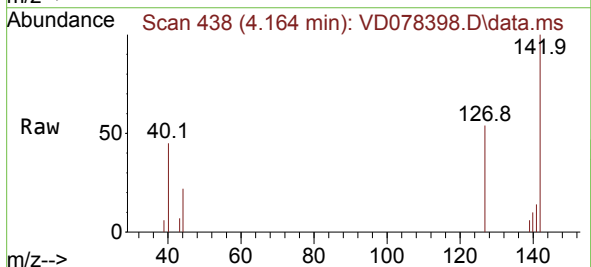
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 VSTDIC005

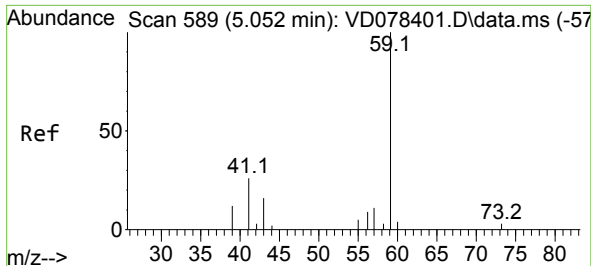
Tgt Ion:101	Resp:	10915
Ion	Ratio	Lower Upper
101	100	
85	44.4	33.8 50.6
151	67.7	59.8 89.6



#10
 Methyl Iodide
 Concen: 4.552 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

Tgt Ion:142	Resp:	7050
Ion	Ratio	Lower Upper
142	100	
127	44.4	29.4 44.0#
141	10.6	11.1 16.7#





#11

Tert butyl alcohol

Concen: 25.967 ug/l

RT: 5.075 min Scan# 51

Delta R.T. 0.023 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

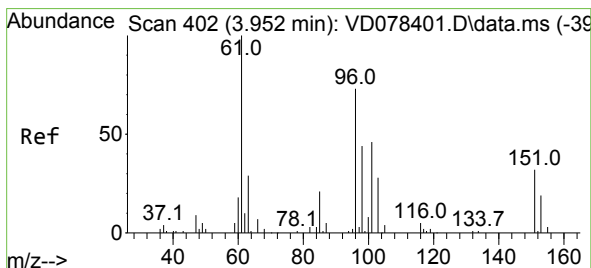
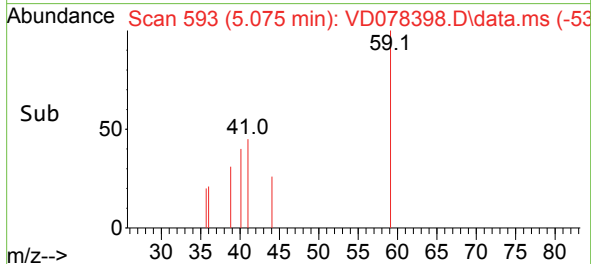
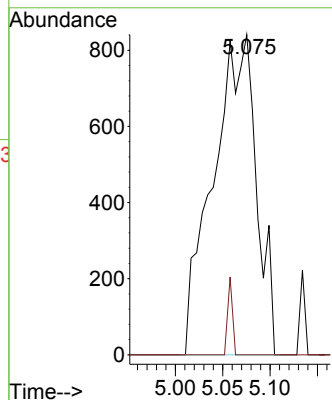
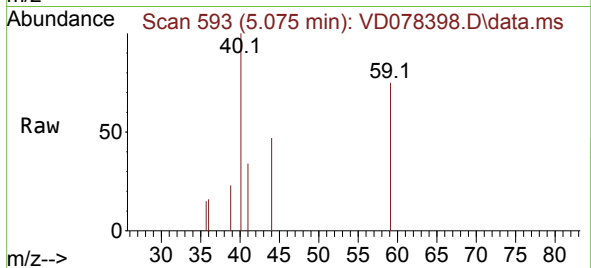
VSTDIC005

Tgt Ion: 59 Resp: 2674

Ion Ratio Lower Upper

59 100

57 2.7 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 6.000 ug/l

RT: 3.952 min Scan# 402

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

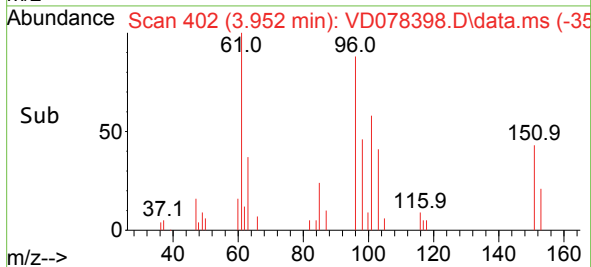
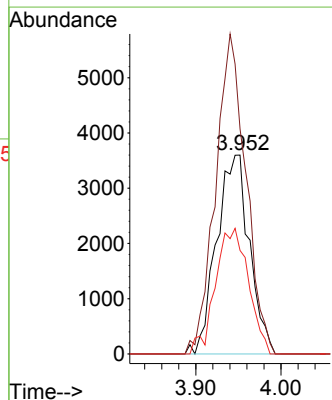
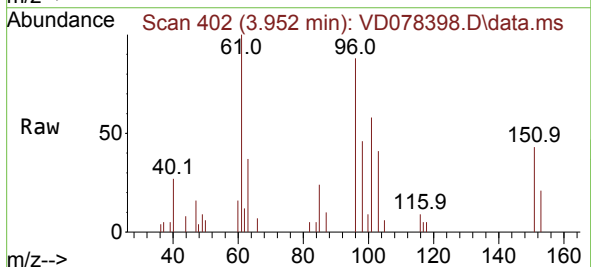
Tgt Ion: 96 Resp: 9618

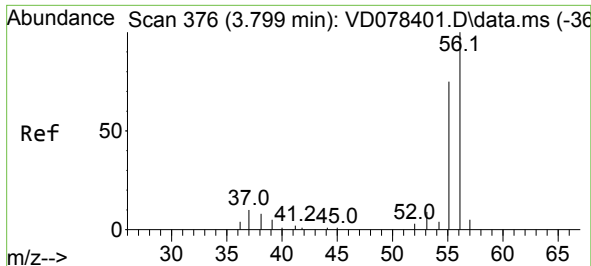
Ion Ratio Lower Upper

96 100

61 113.2 100.6 150.8

98 52.1 50.2 75.2

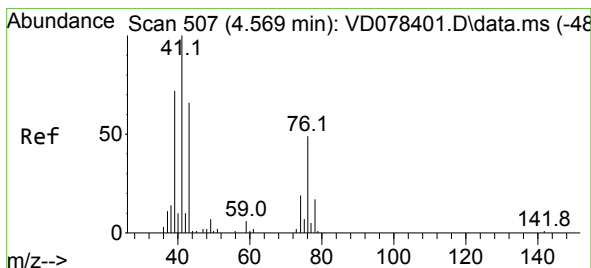
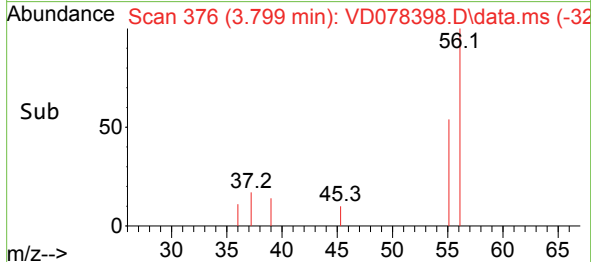
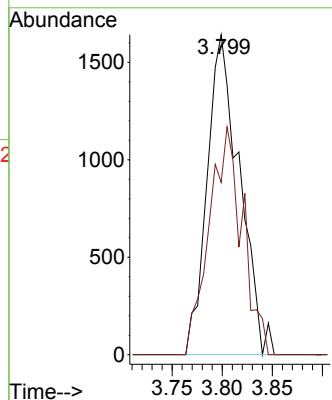
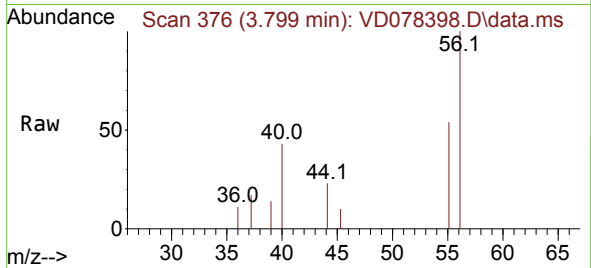




#13
Acrolein
Concen: 25.094 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

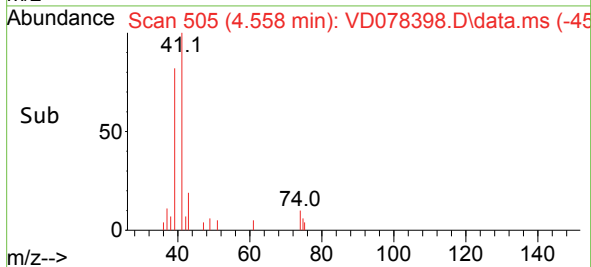
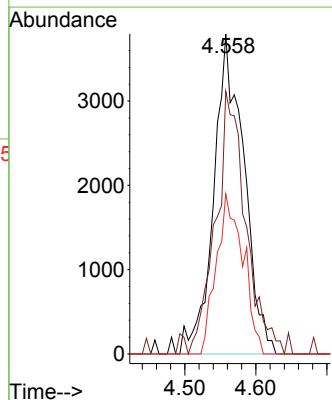
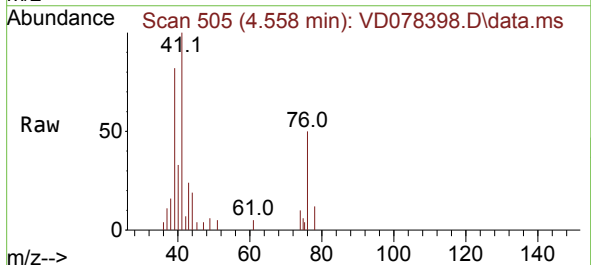
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

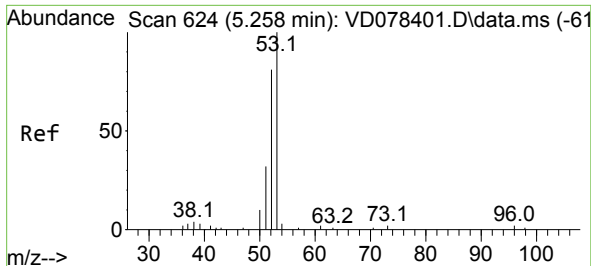
Tgt Ion: 56 Resp: 3686
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7



#14
Allyl chloride
Concen: 5.647 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 41 Resp: 11183
Ion Ratio Lower Upper
41 100
39 81.7 53.8 80.6#
76 44.3 45.8 68.8#

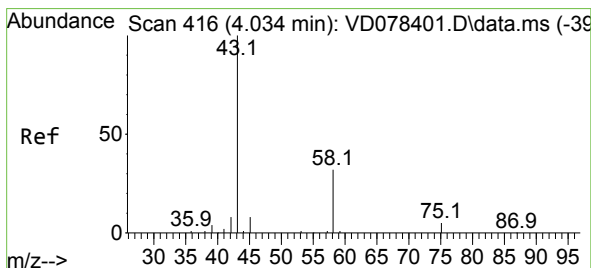
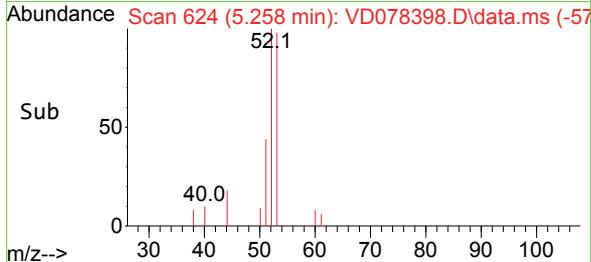
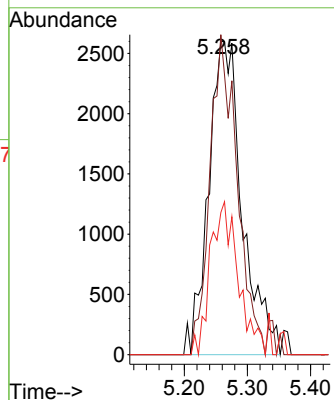
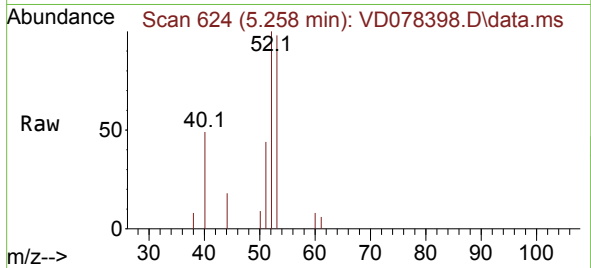




#15
Acrylonitrile
Concen: 28.557 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

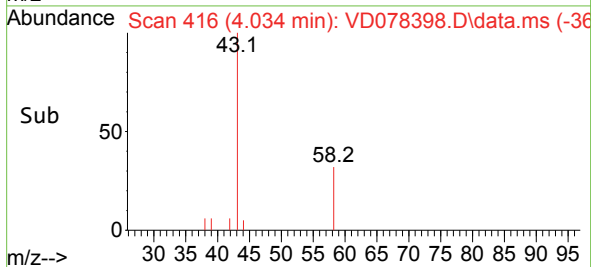
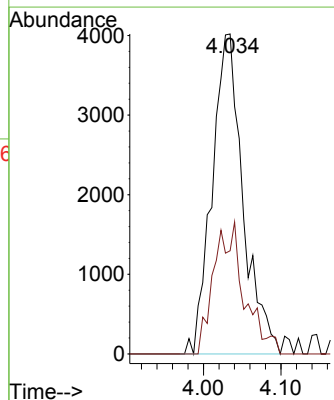
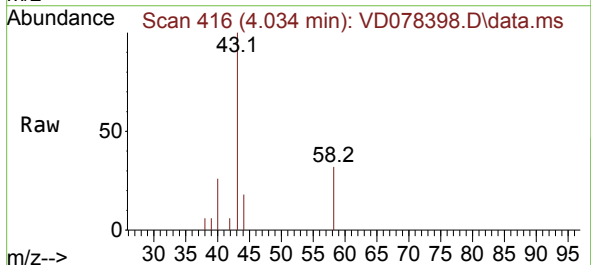
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

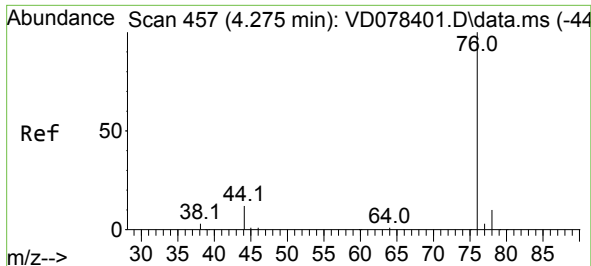
Tgt Ion:	53	Resp:	9651
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.0	97.4
51	40.2	28.3	42.5



#16
Acetone
Concen: 14.008 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:	43	Resp:	11164
Ion	Ratio	Lower	Upper
43	100		
58	32.3	34.7	52.1#

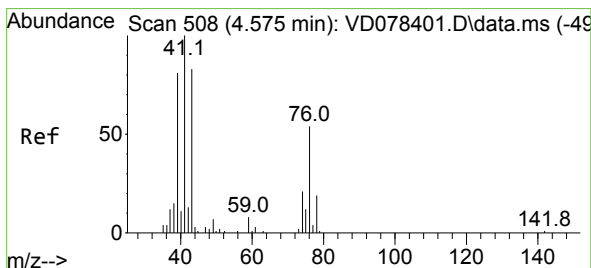
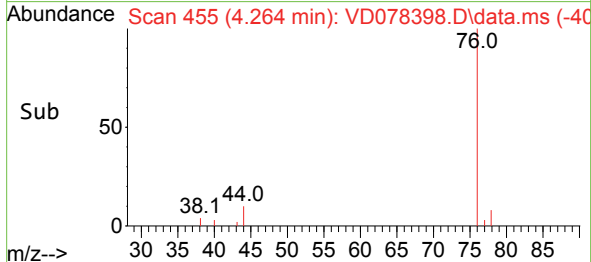
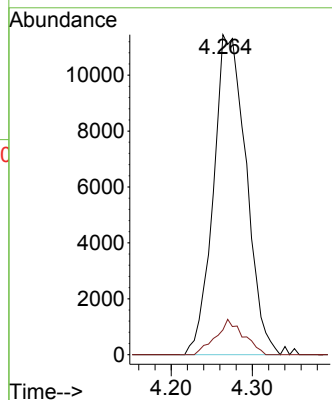
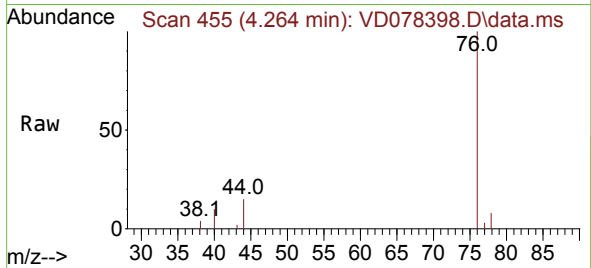




#17
Carbon Disulfide
Concen: 5.940 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

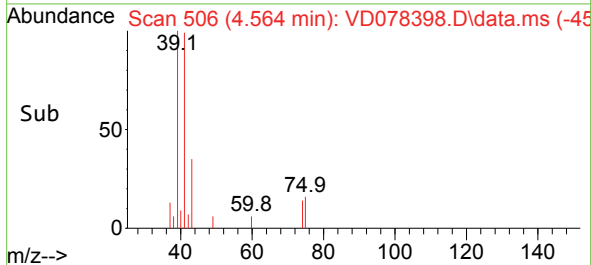
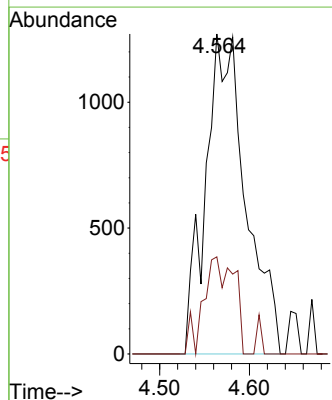
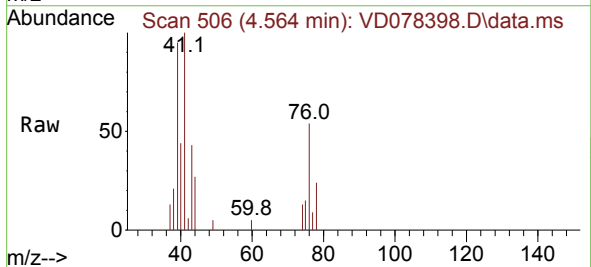
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

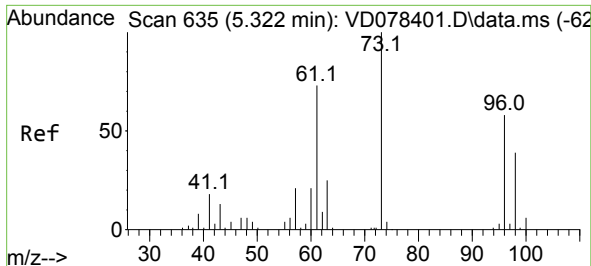
Tgt Ion: 76 Resp: 32039
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 7.177 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 43 Resp: 3958
Ion Ratio Lower Upper
43 100
74 14.4 26.4 39.6#

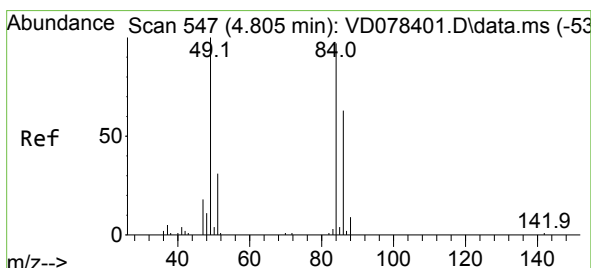
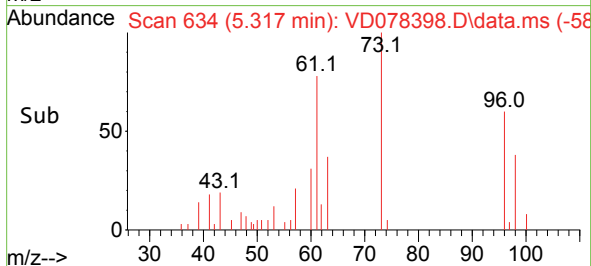
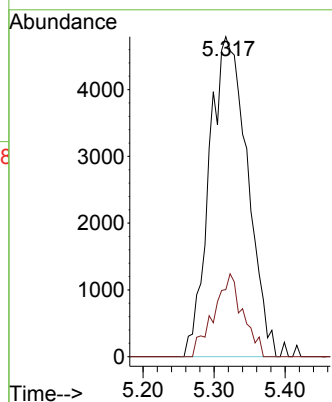
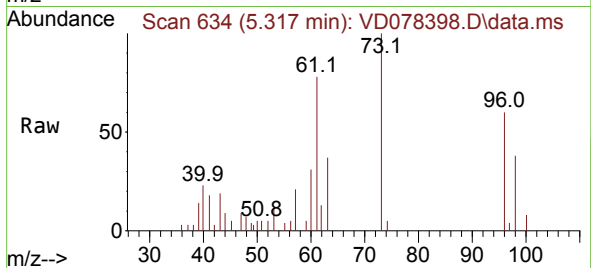




#19
Methyl tert-butyl Ether
Concen: 5.229 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

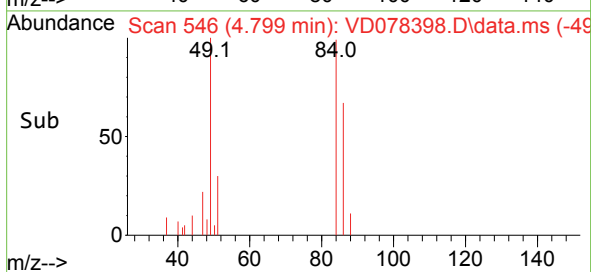
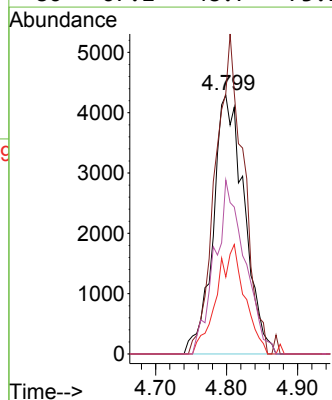
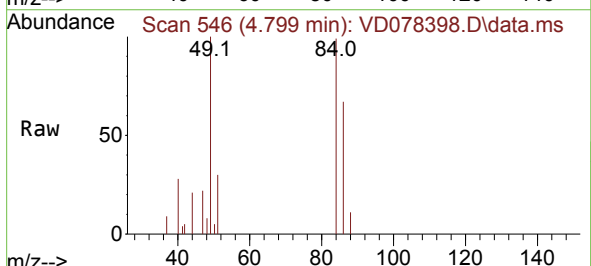
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

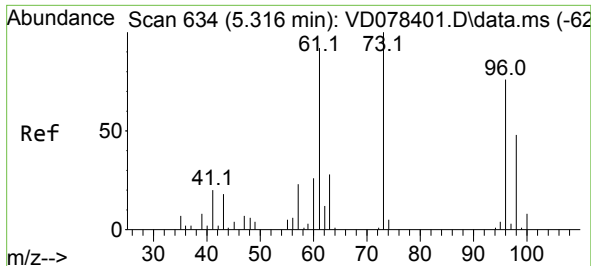
Tgt Ion: 73 Resp: 17811
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#20
Methylene Chloride
Concen: 4.438 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 84 Resp: 13064
Ion Ratio Lower Upper
84 100
49 100.7 71.4 107.2
51 29.7 24.5 36.7
86 67.2 48.7 73.1

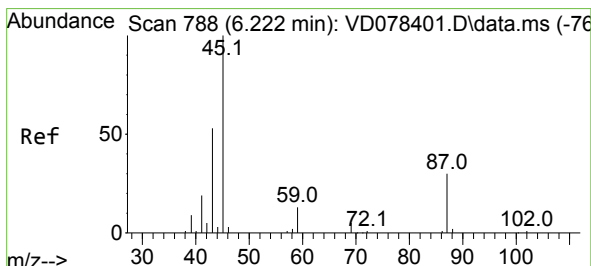
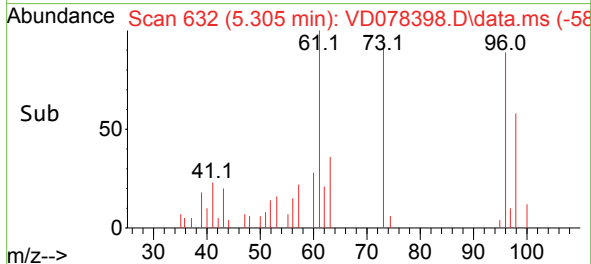
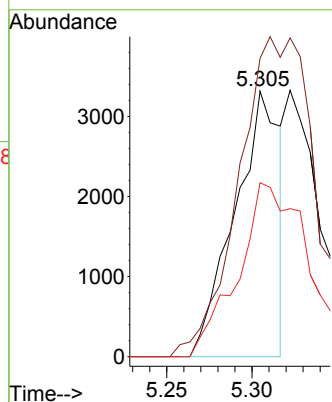
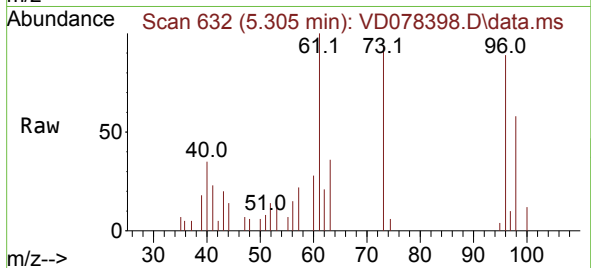




#21
trans-1,2-Dichloroethene
Concen: 3.238 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

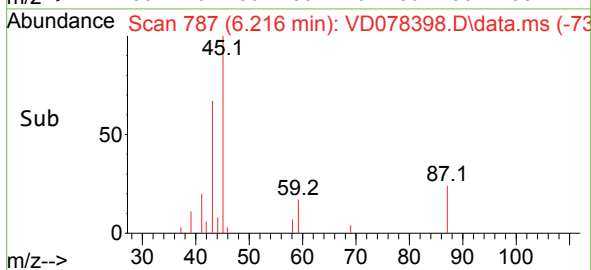
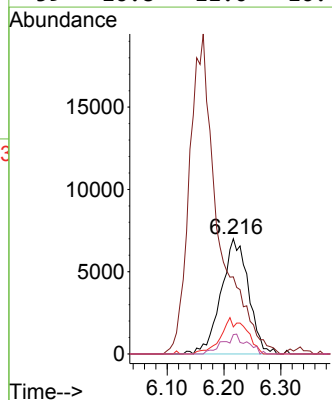
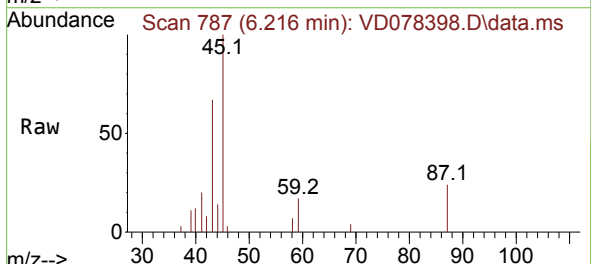
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

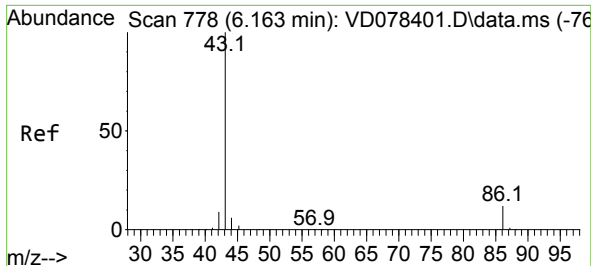
Tgt Ion: 96 Resp: 6106
Ion Ratio Lower Upper
96 100
61 107.8 89.3 133.9
98 65.5 48.6 73.0



#22
Diisopropyl ether
Concen: 5.352 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 45 Resp: 23361
Ion Ratio Lower Upper
45 100
43 66.9 40.0 60.0#
87 23.5 28.2 42.4#
59 16.8 11.0 16.4#

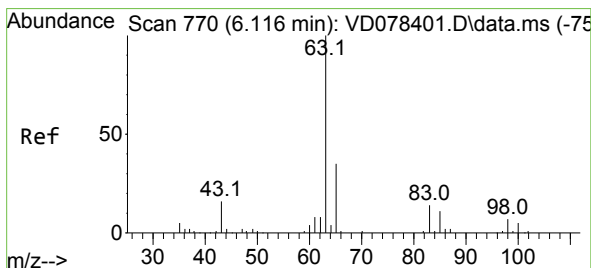
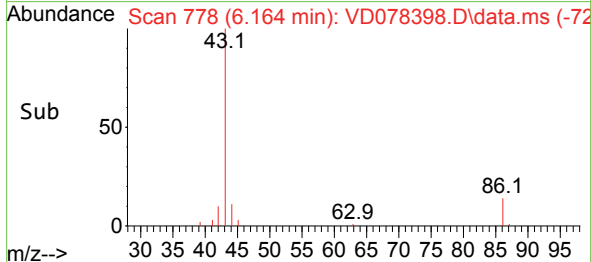
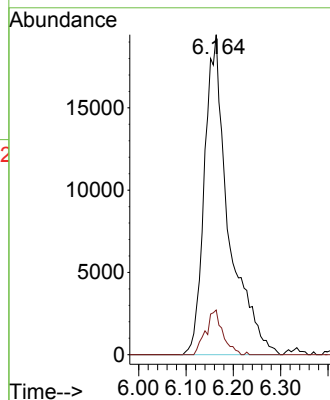
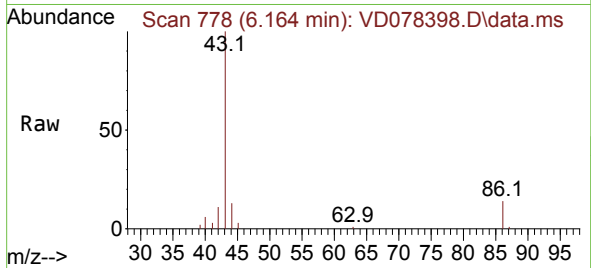




#23
 Vinyl Acetate
 Concen: 25.423 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

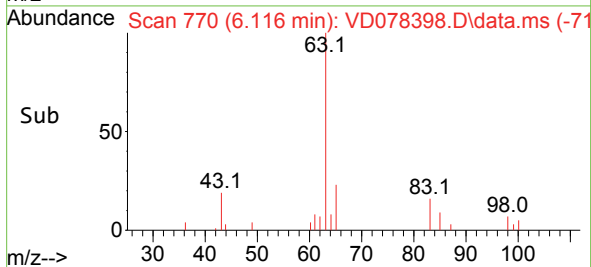
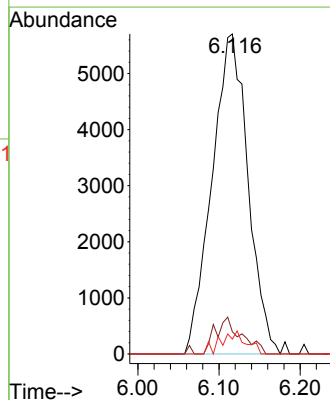
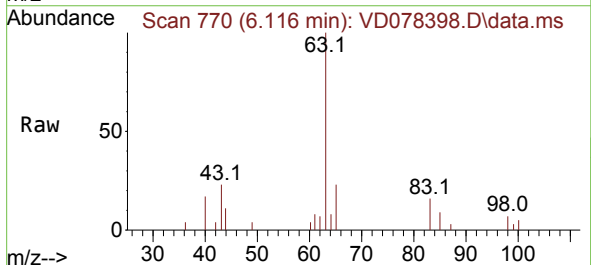
Instrument :
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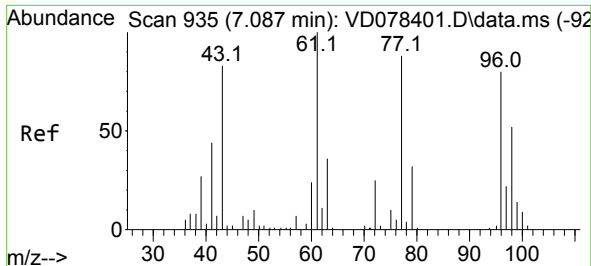
Tgt Ion: 43 Resp: 68773
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.680 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

Tgt Ion: 63 Resp: 17564
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 4.6 2.5 7.5

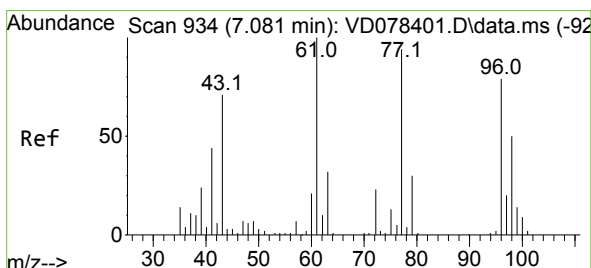
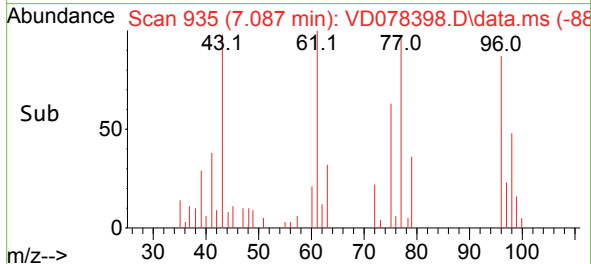
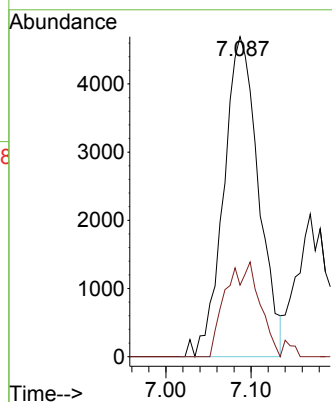
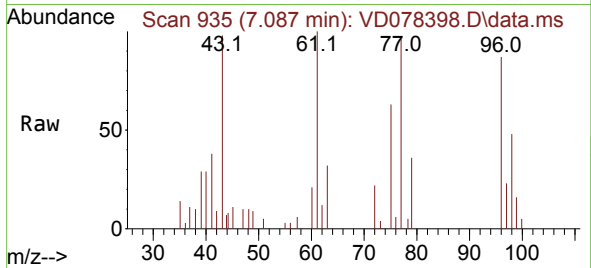




#25
2-Butanone
Concen: 18.865 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

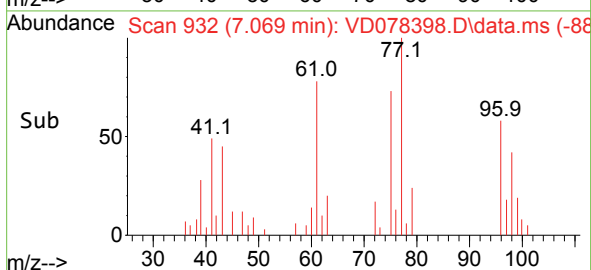
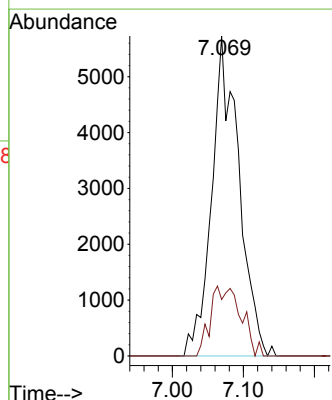
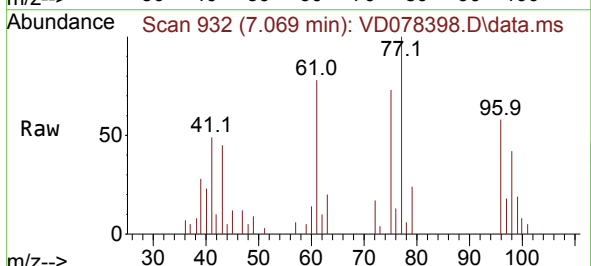
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

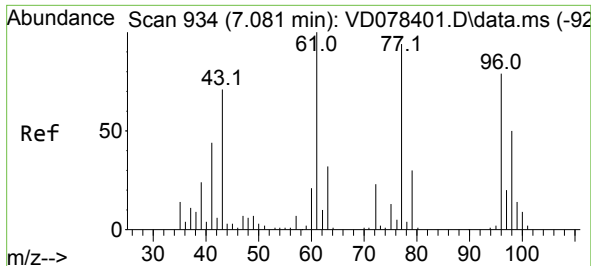
Tgt Ion: 43 Resp: 13349
Ion Ratio Lower Upper
43 100
72 22.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.890 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 77 Resp: 15267
Ion Ratio Lower Upper
77 100
97 10.3 13.2 39.6#





#27

cis-1,2-Dichloroethene

Concen: 5.713 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

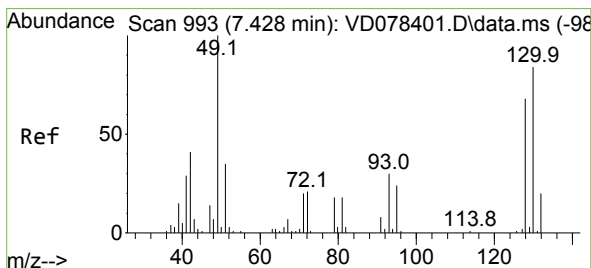
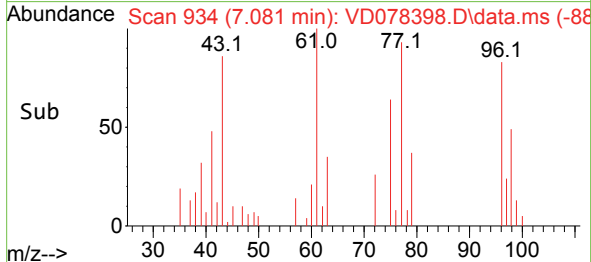
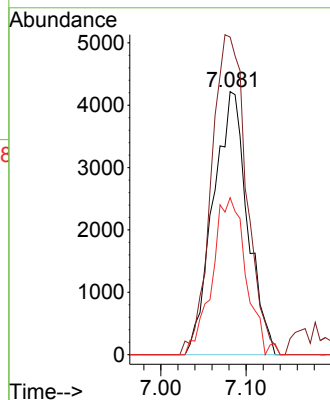
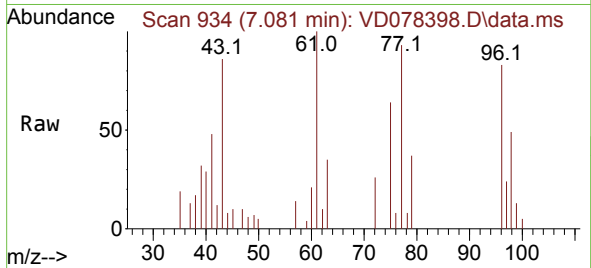
Tgt Ion: 96 Resp: 11821

Ion Ratio Lower Upper

96 100

61 123.9 0.0 239.2

98 58.7 0.0 128.6



#28

Bromochloromethane

Concen: 5.379 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

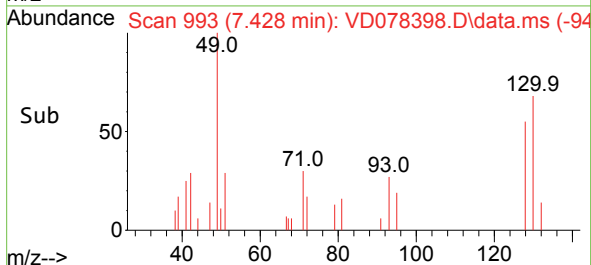
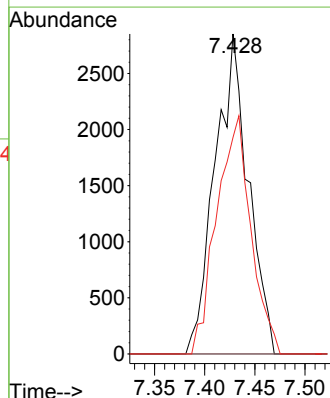
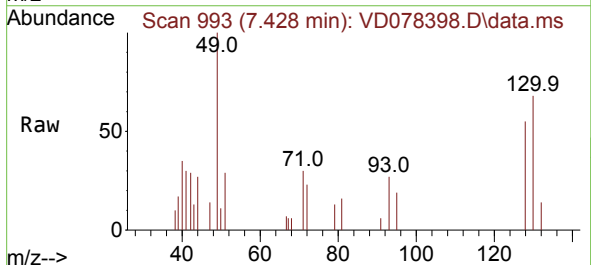
Tgt Ion: 49 Resp: 6588

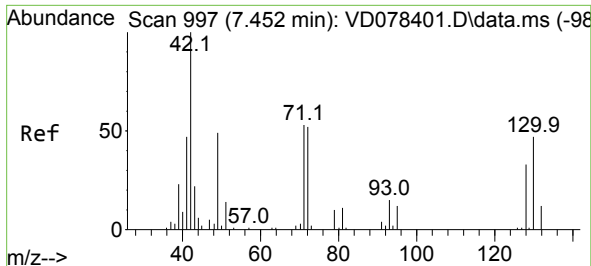
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 76.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 27.920 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

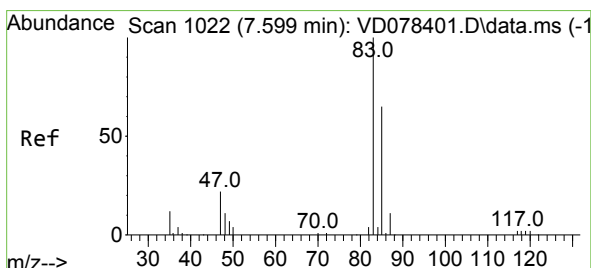
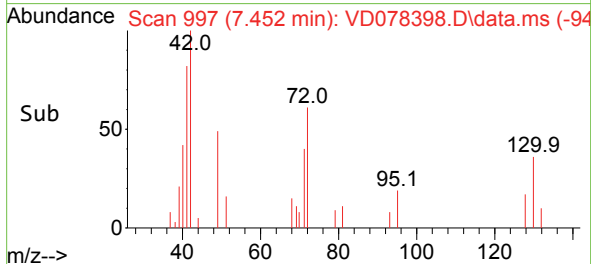
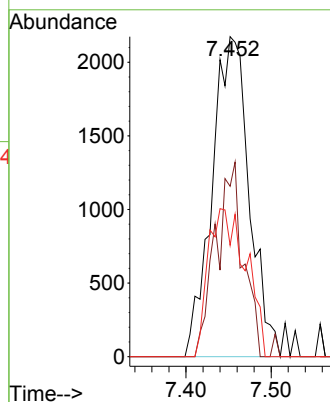
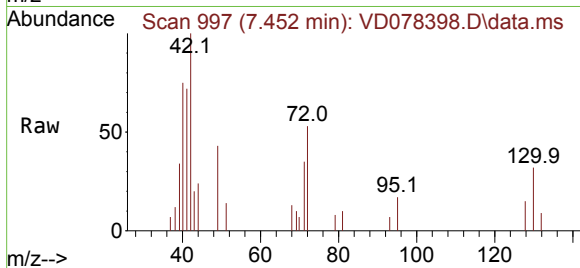
Tgt Ion: 42 Resp: 6602

Ion Ratio Lower Upper

42 100

72 44.7 46.5 69.7#

71 46.6 44.5 66.7



#30

Chloroform

Concen: 5.759 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078398.D

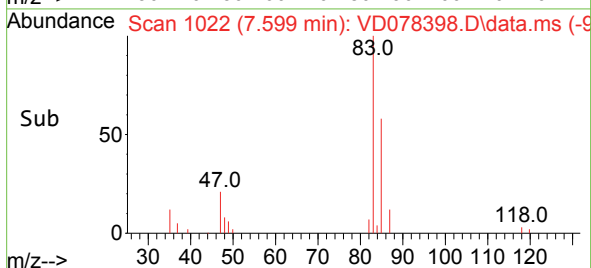
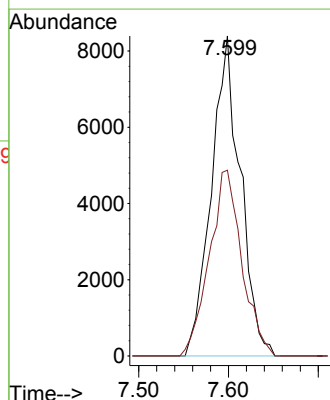
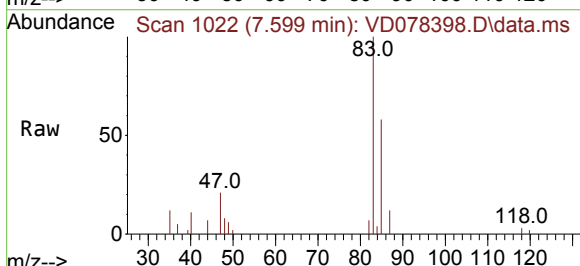
Acq: 13 Feb 2024 10:04

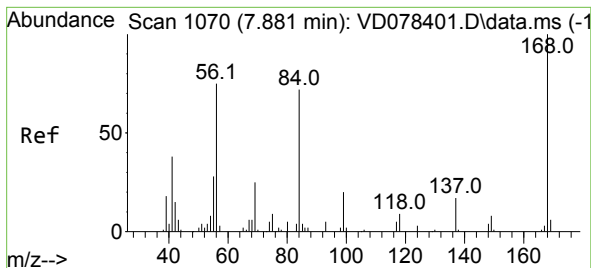
Tgt Ion: 83 Resp: 18841

Ion Ratio Lower Upper

83 100

85 58.1 53.4 80.2





#31

Cyclohexane

Concen: 6.348 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

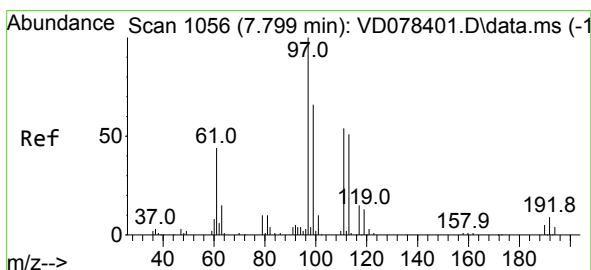
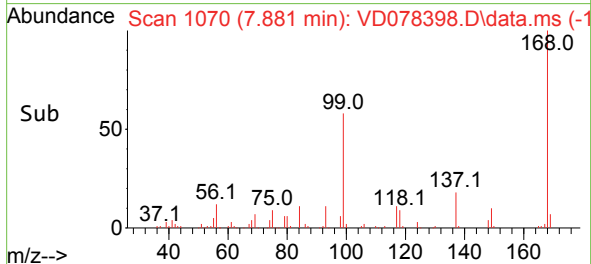
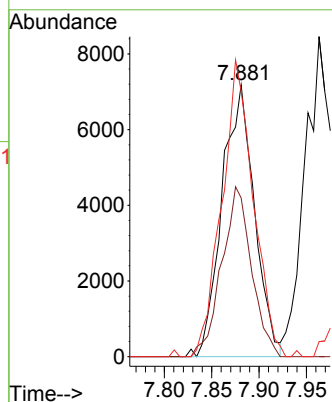
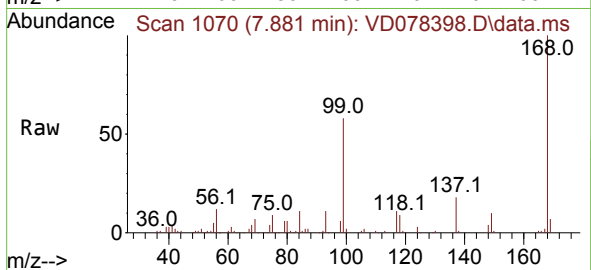
Tgt Ion: 56 Resp: 17074

Ion Ratio Lower Upper

56 100

69 58.4 28.6 43.0#

84 97.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 5.665 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.012 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

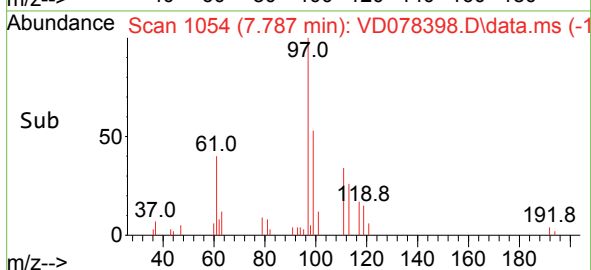
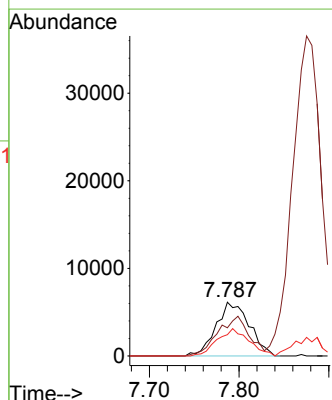
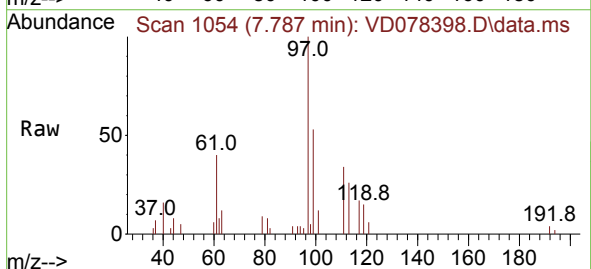
Tgt Ion: 97 Resp: 15802

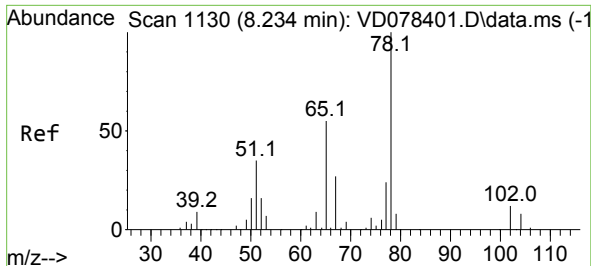
Ion Ratio Lower Upper

97 100

99 69.9 52.0 78.0

61 48.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.338 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

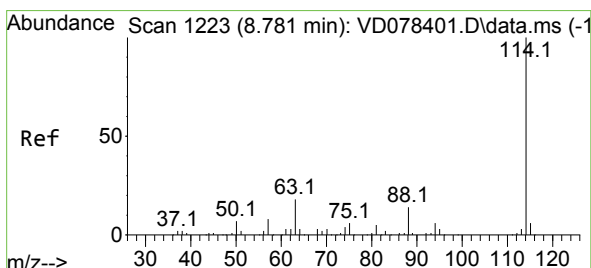
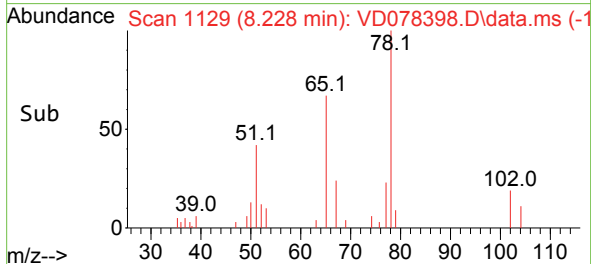
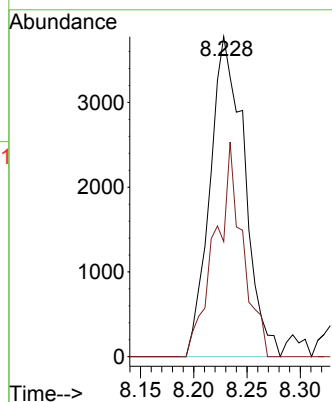
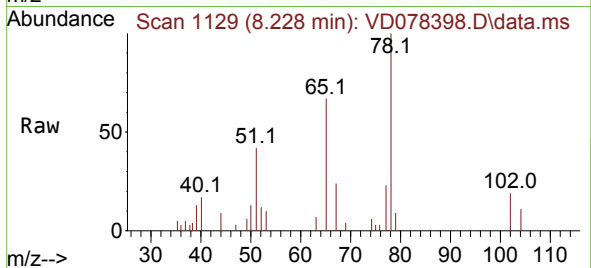
VSTDIC005

Tgt Ion: 65 Resp: 8488

Ion Ratio Lower Upper

65 100

67 53.6 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: VD078398.D

Acq: 13 Feb 2024 10:04

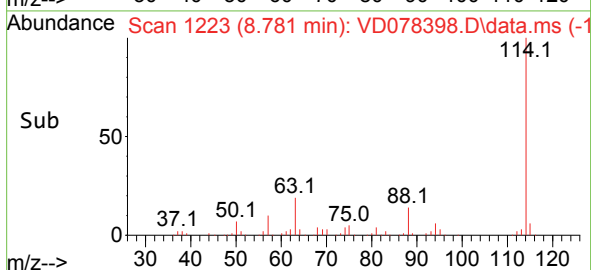
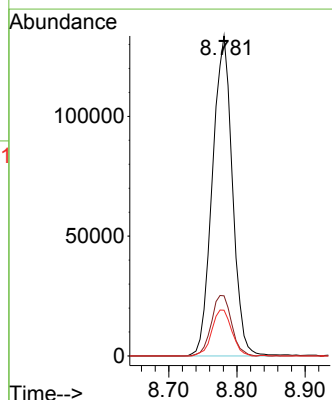
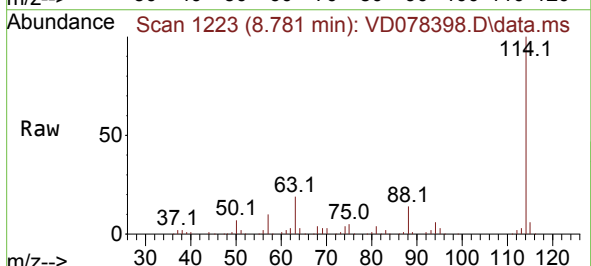
Tgt Ion: 114 Resp: 272920

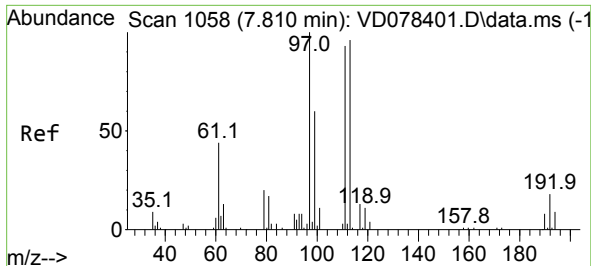
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 4.759 ug/l

RT: 7.816 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

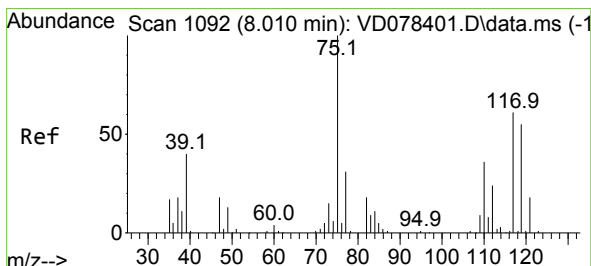
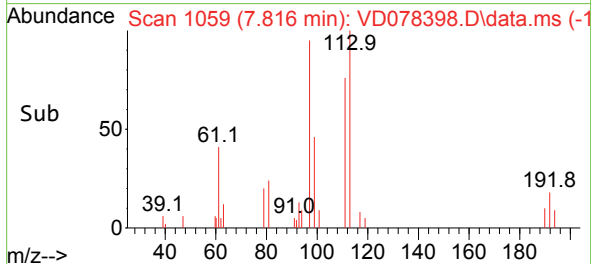
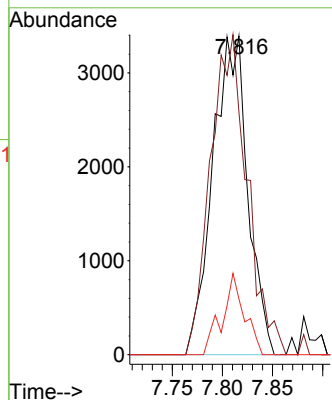
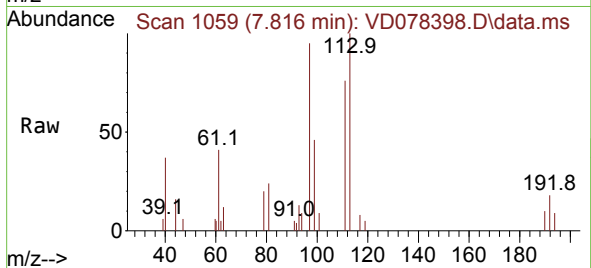
Tgt Ion:113 Resp: 8250

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 16.1 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 5.217 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

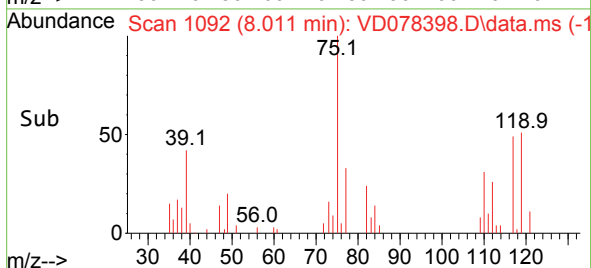
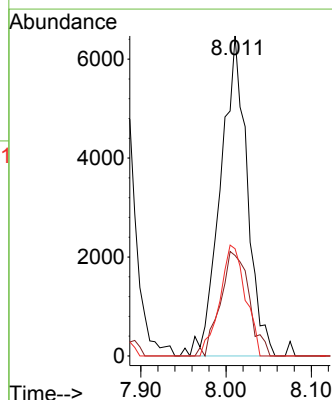
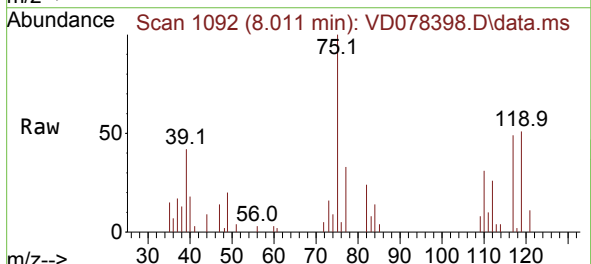
Tgt Ion: 75 Resp: 14050

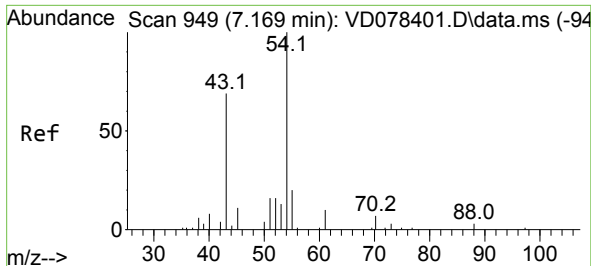
Ion Ratio Lower Upper

75 100

110 35.0 19.9 59.6

77 33.3 24.7 37.1





#37

Ethyl Acetate

Concen: 3.846 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

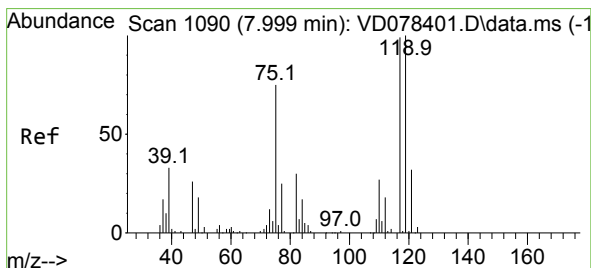
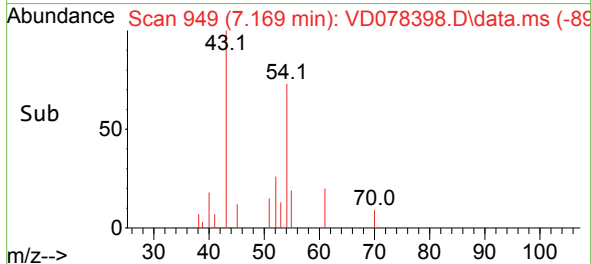
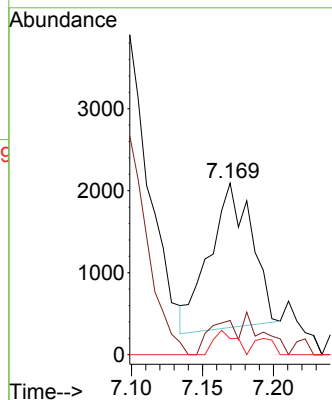
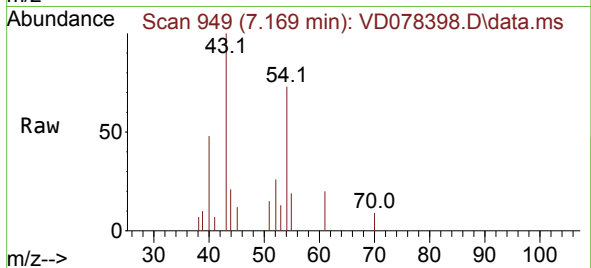
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:	43	Resp:	3631
Ion	Ratio	Lower	Upper
43	100		
61	15.6	14.9	22.3
70	8.5	10.0	15.0



#38

Carbon Tetrachloride

Concen: 5.251 ug/l

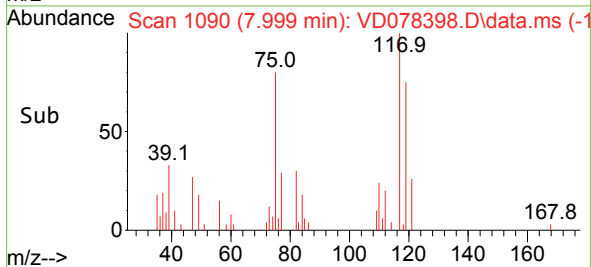
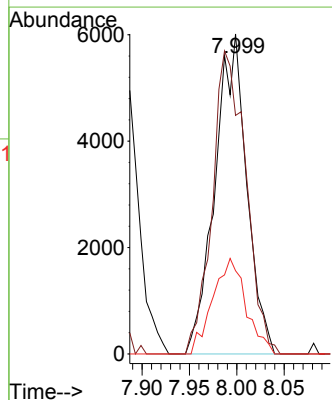
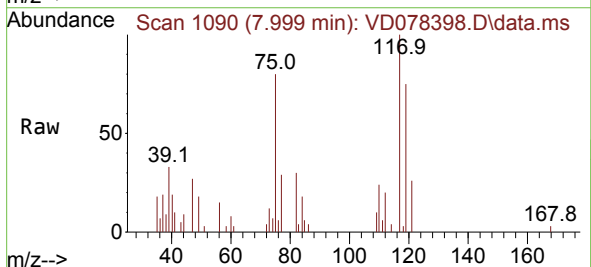
RT: 7.999 min Scan# 1090

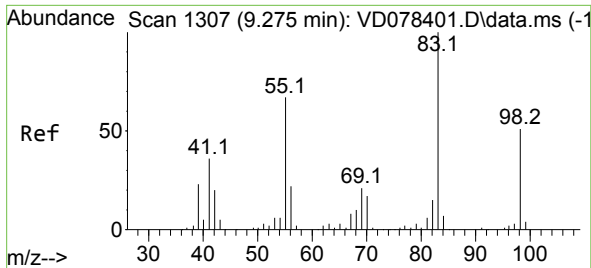
Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Tgt Ion:	117	Resp:	14005
Ion	Ratio	Lower	Upper
117	100		
119	74.6	78.0	117.0
121	26.0	24.2	36.2

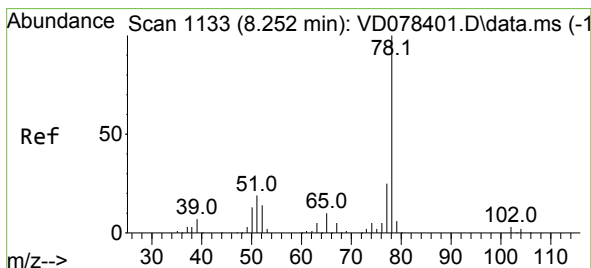
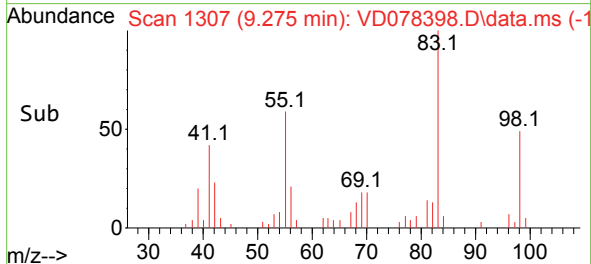
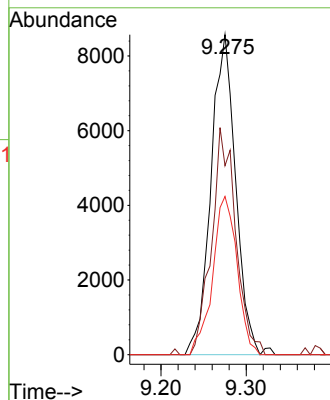
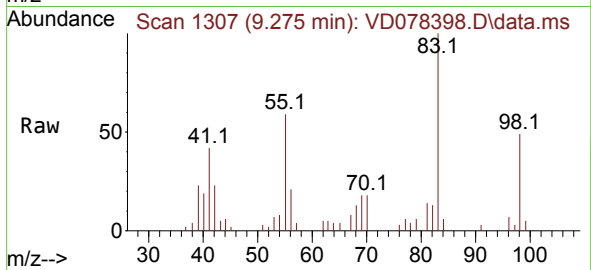




#39
Methylcyclohexane
Concen: 5.406 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

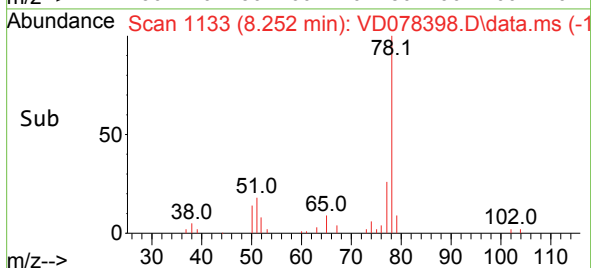
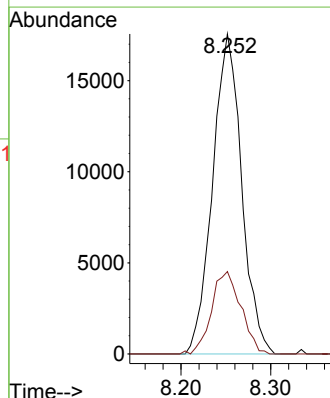
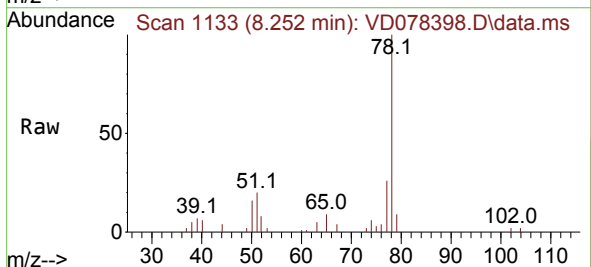
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

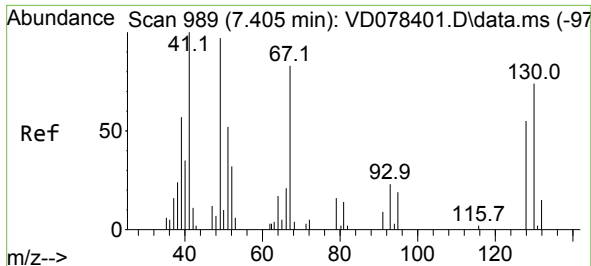
Tgt Ion: 83 Resp: 17285
Ion Ratio Lower Upper
83 100
55 59.0 49.4 74.0
98 49.5 38.4 57.6



#40
Benzene
Concen: 5.068 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 78 Resp: 39455
Ion Ratio Lower Upper
78 100
77 25.7 19.4 29.0

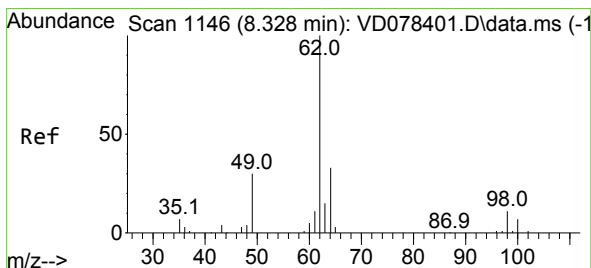
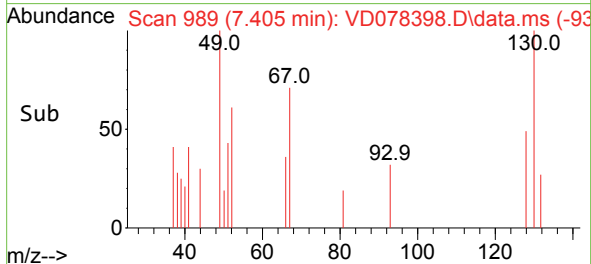
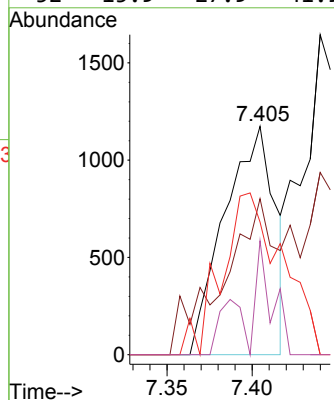
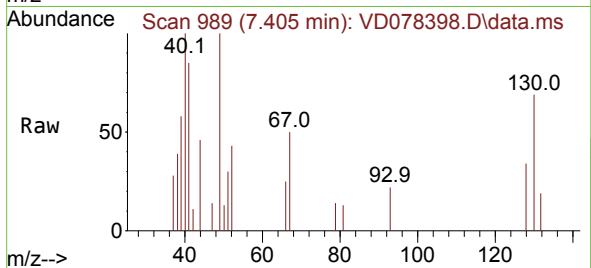




#41
Methacrylonitrile
Concen: 4.909 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

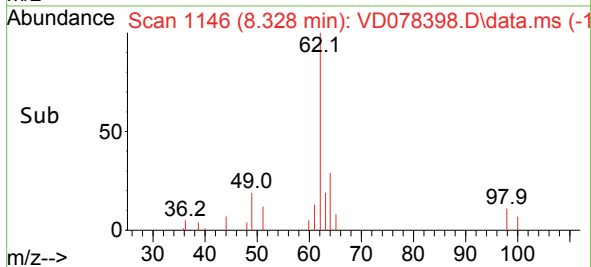
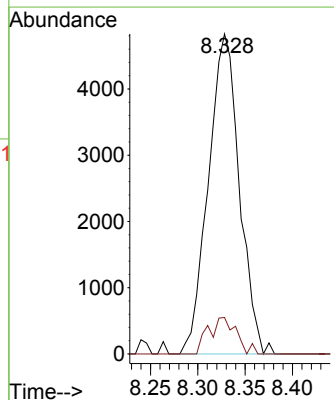
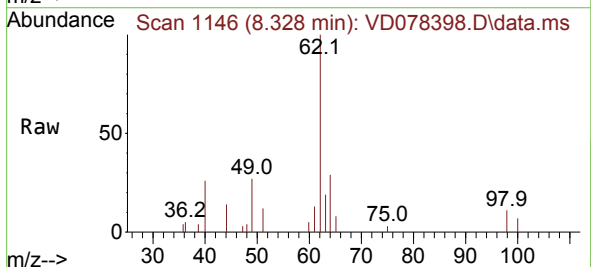
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

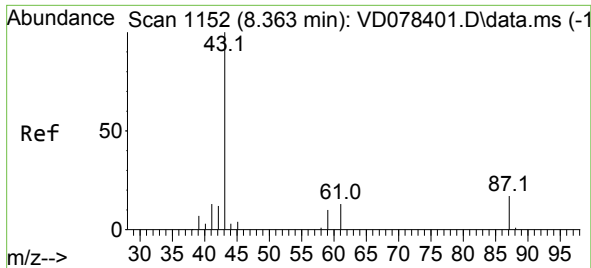
Tgt Ion: 41 Resp: 2412
Ion Ratio Lower Upper
41 100
39 71.8 34.0 51.0#
67 85.4 77.0 115.4
52 15.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.464 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 62 Resp: 11005
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4

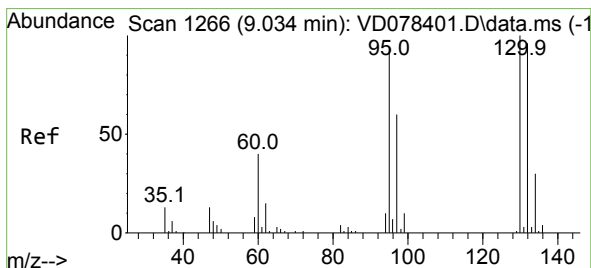
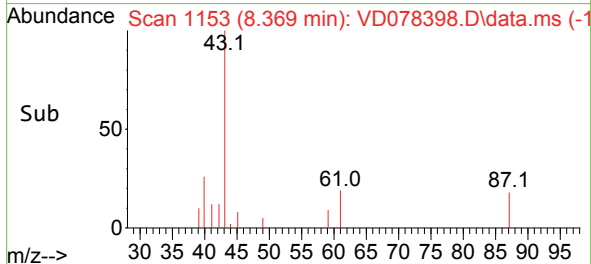
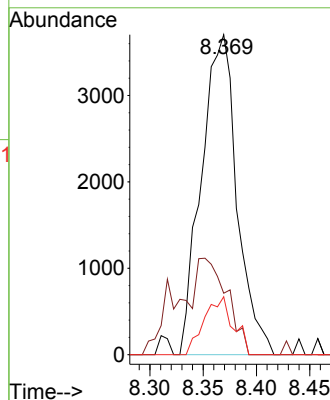
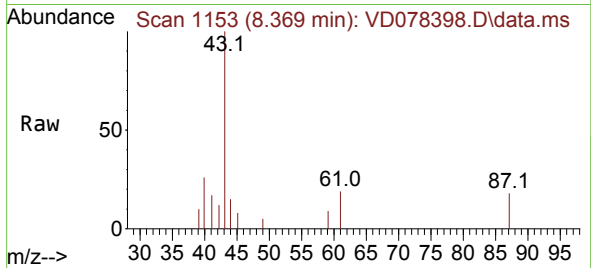




#43
Isopropyl Acetate
Concen: 4.919 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

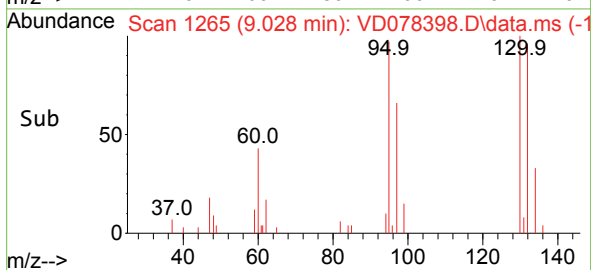
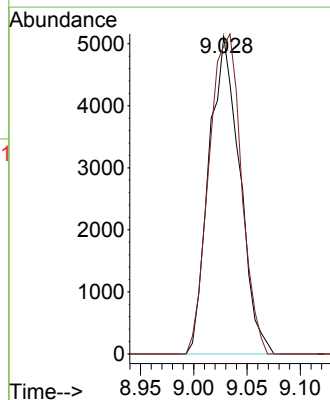
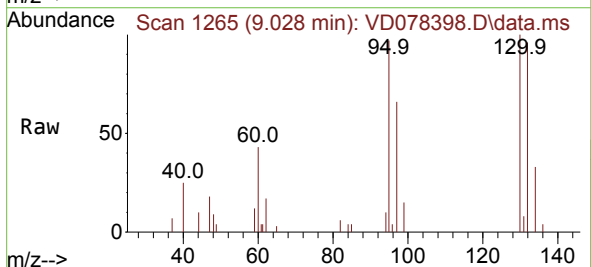
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

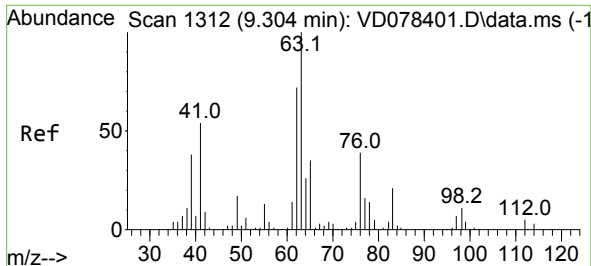
Tgt Ion: 43 Resp: 8599
Ion Ratio Lower Upper
43 100
61 27.7 31.4 47.0#
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 5.178 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 130 Resp: 10284
Ion Ratio Lower Upper
130 100
95 97.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.327 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

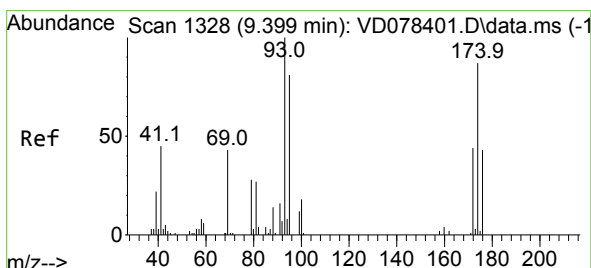
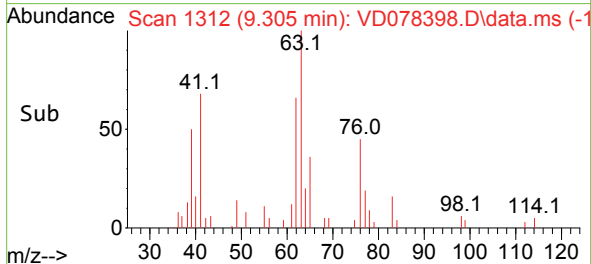
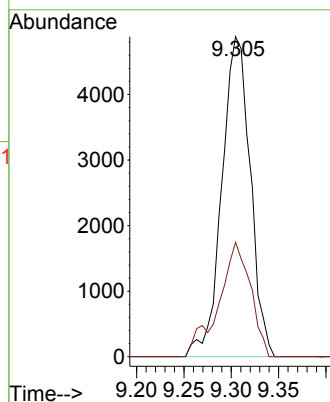
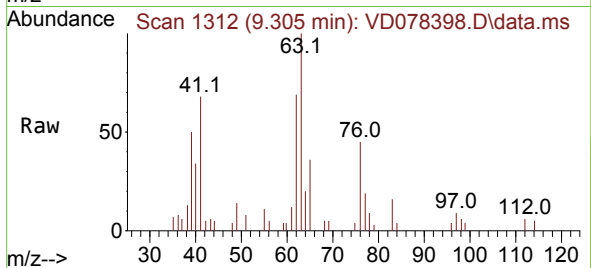
VSTDICC005

Tgt Ion: 63 Resp: 10174

Ion Ratio Lower Upper

63 100

65 35.7 24.5 36.7



#46

Dibromomethane

Concen: 5.256 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.012 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

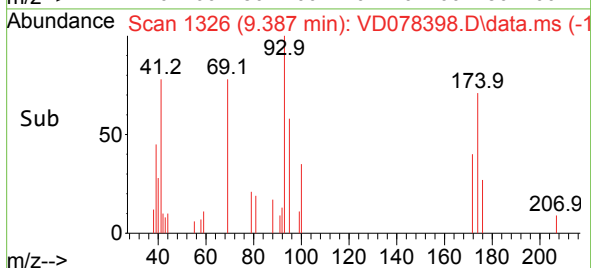
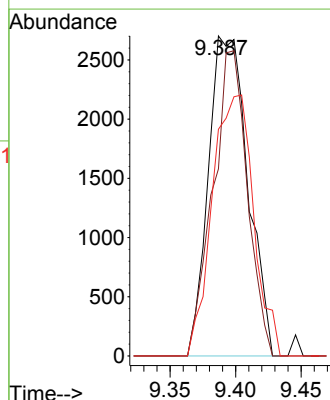
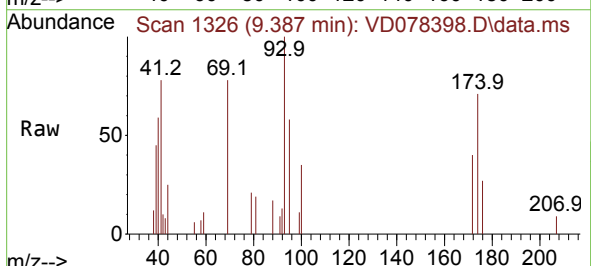
Tgt Ion: 93 Resp: 5647

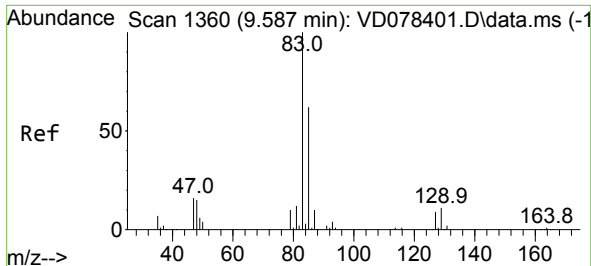
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 85.4 85.4 128.2#

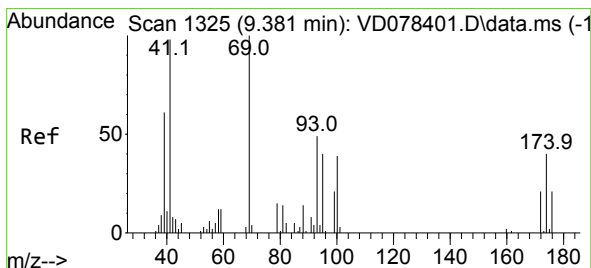
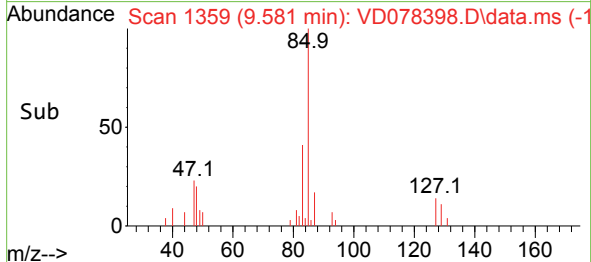
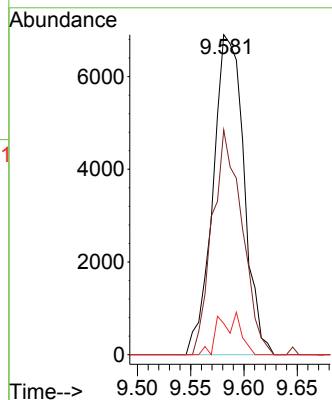
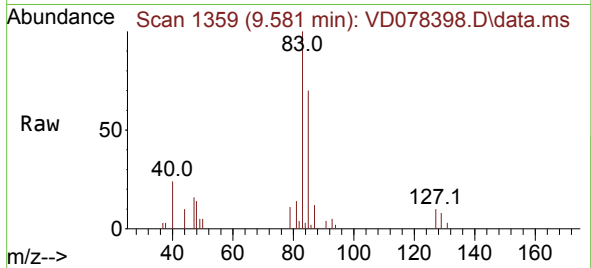




#47
Bromodichloromethane
Concen: 5.242 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

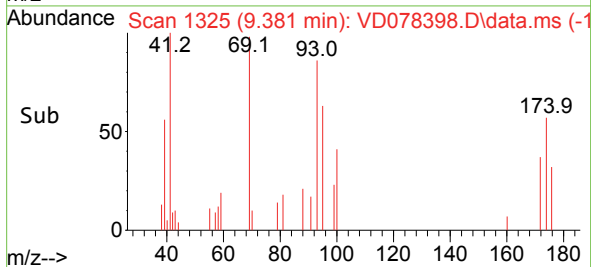
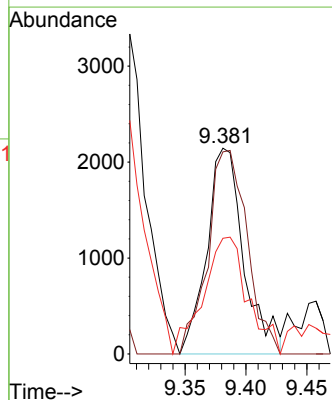
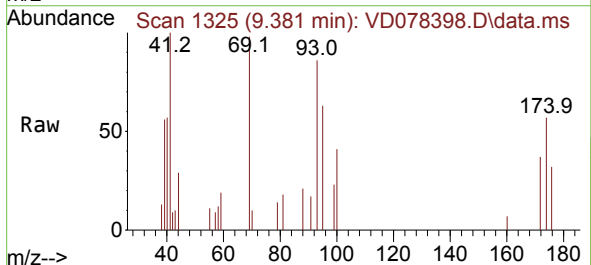
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

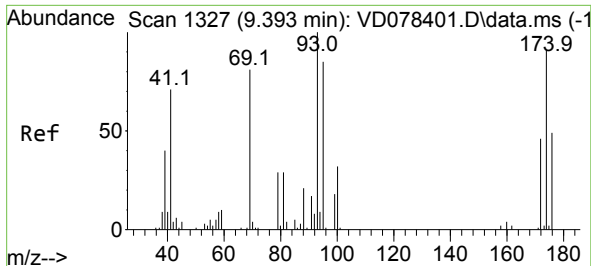
Tgt Ion: 83 Resp: 13948
Ion Ratio Lower Upper
83 100
85 70.2 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.912 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 41 Resp: 4556
Ion Ratio Lower Upper
41 100
69 104.5 102.2 153.2
39 67.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 104.262 ug/l

RT: 9.399 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

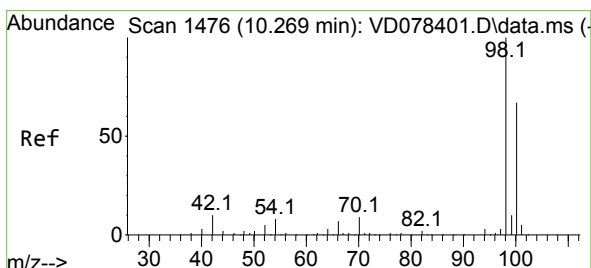
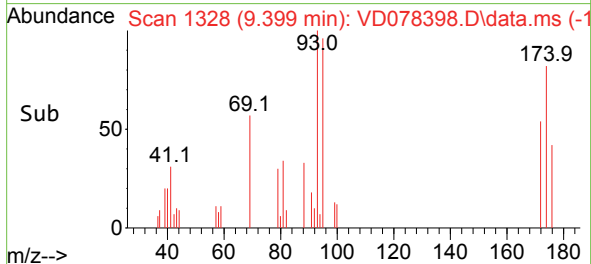
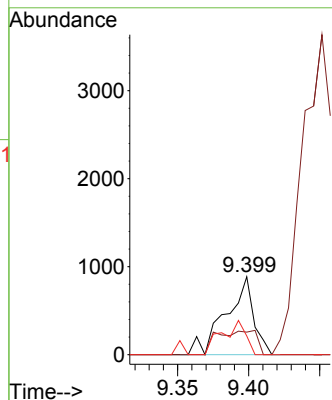
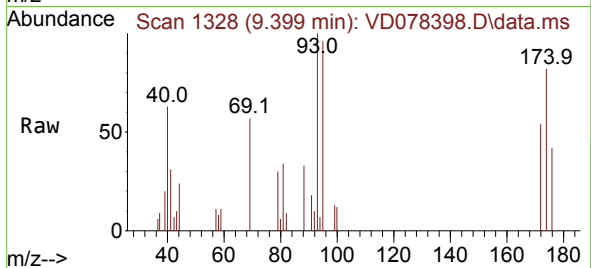
Tgt Ion: 88 Resp: 1213

Ion Ratio Lower Upper

88 100

43 43.5 19.0 28.6#

58 37.3 43.5 65.3#



#50

Toluene-d8

Concen: 4.716 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078398.D

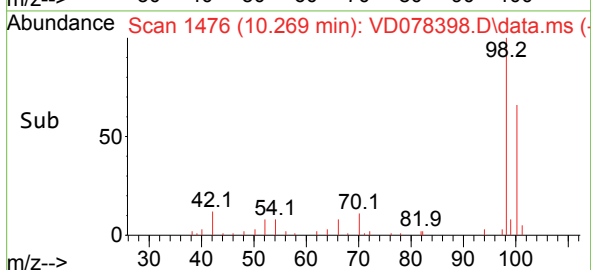
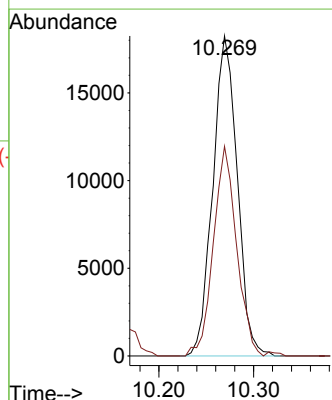
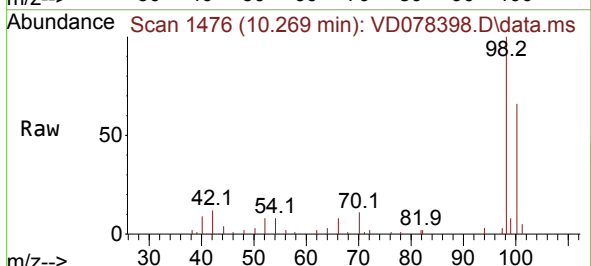
Acq: 13 Feb 2024 10:04

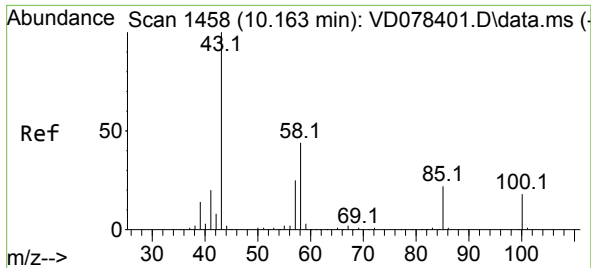
Tgt Ion: 98 Resp: 32703

Ion Ratio Lower Upper

98 100

100 62.2 50.3 75.5

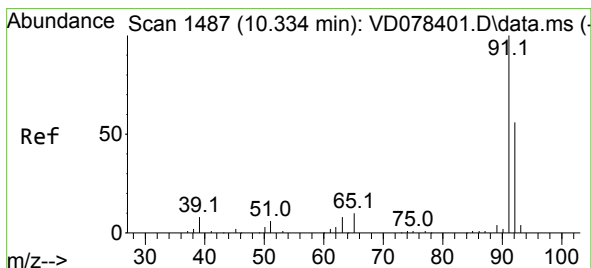
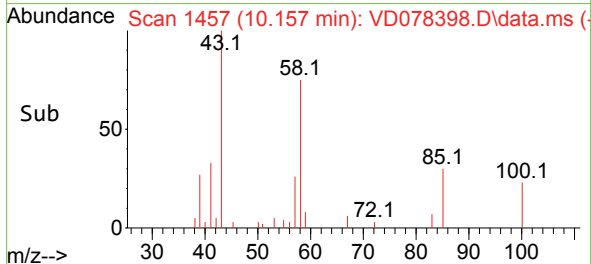
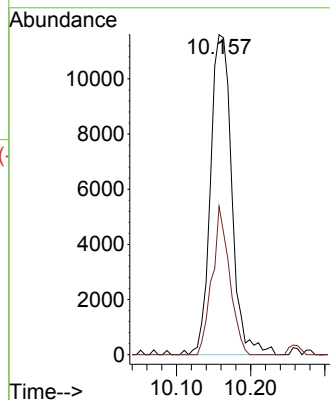
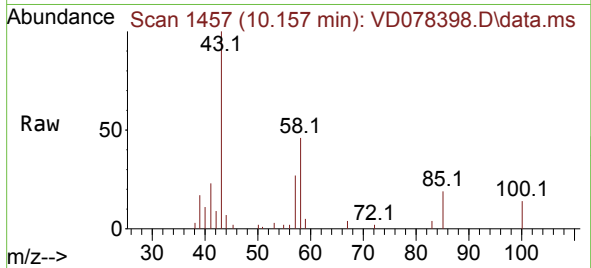




#51
4-Methyl-2-Pentanone
Concen: 25.010 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

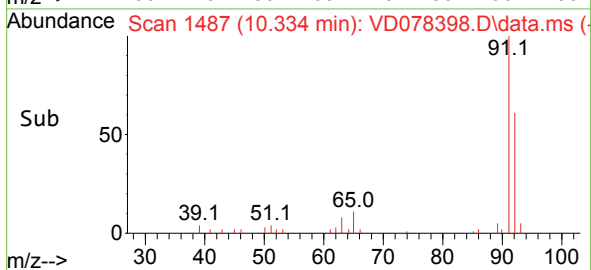
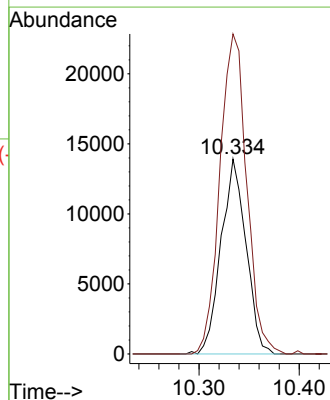
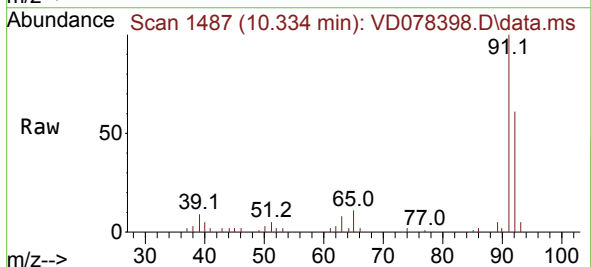
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

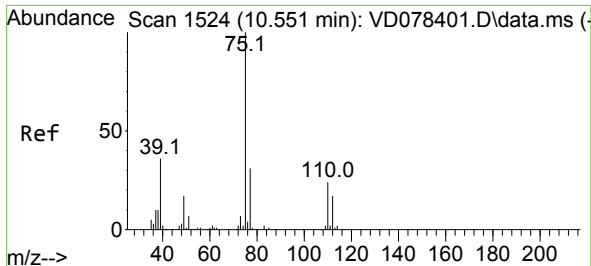
Tgt Ion: 43 Resp: 23206
Ion Ratio Lower Upper
43 100
58 37.7 38.9 58.3#



#52
Toluene
Concen: 4.888 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 92 Resp: 24061
Ion Ratio Lower Upper
92 100
91 176.4 143.0 214.4

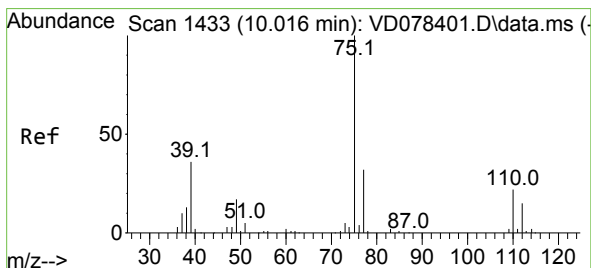
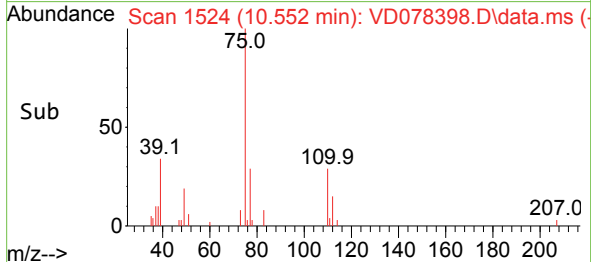
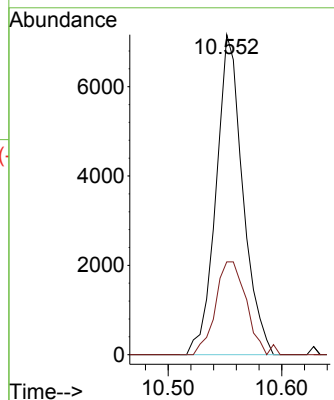
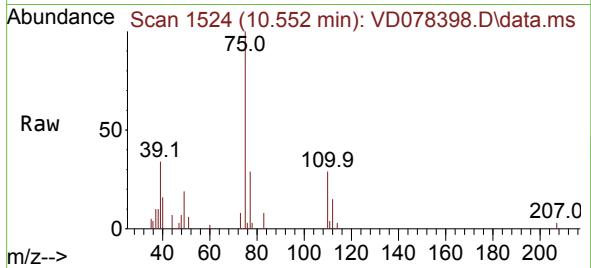




#53
t-1,3-Dichloropropene
Concen: 4.831 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

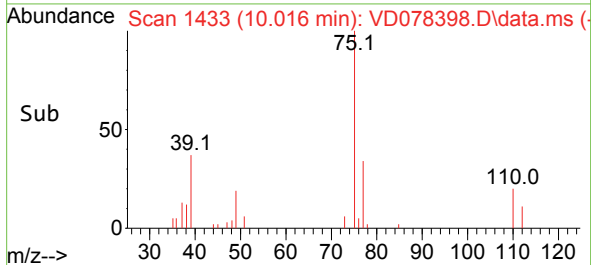
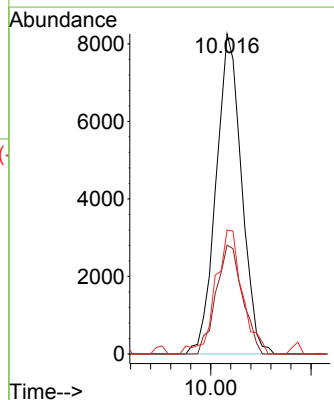
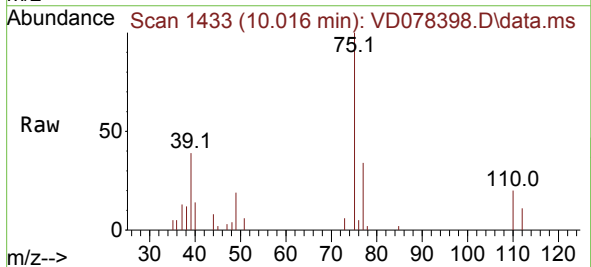
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

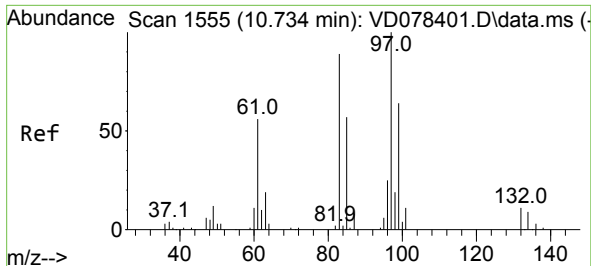
Tgt Ion: 75 Resp: 11730
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.946 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 75 Resp: 14560
Ion Ratio Lower Upper
75 100
77 34.0 25.5 38.3
39 38.8 22.1 33.1#

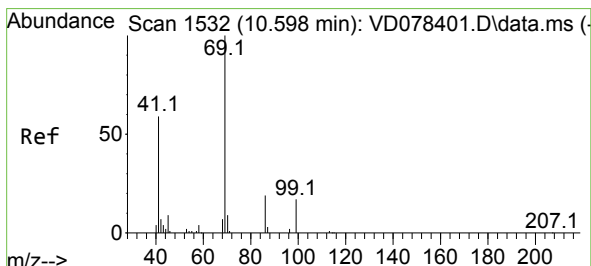
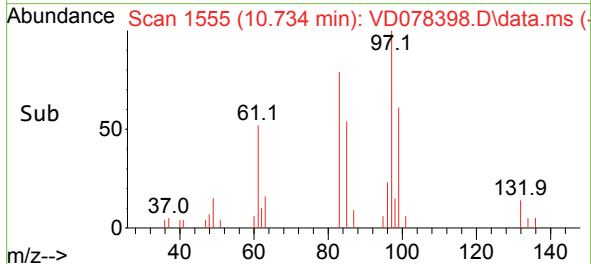
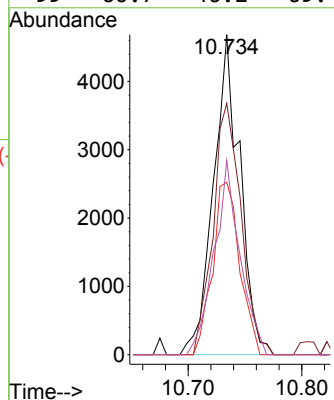
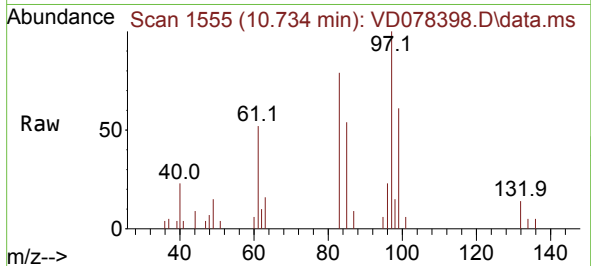




#55
1,1,2-Trichloroethane
Concen: 5.239 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

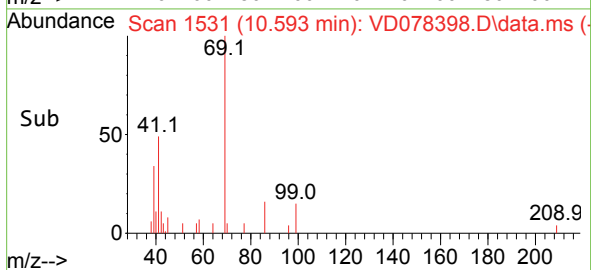
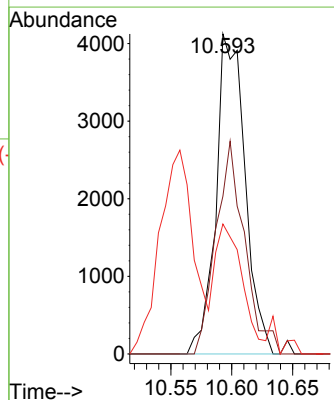
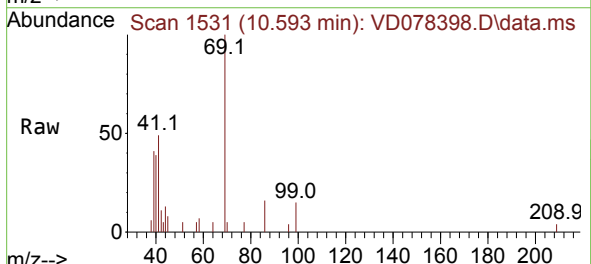
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

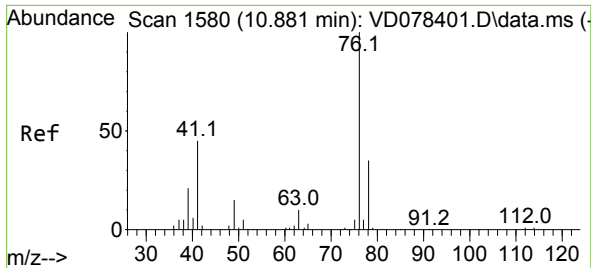
Tgt Ion: 97	Resp: 7579
Ion Ratio	Lower Upper
97 100	
83 78.5	65.8 98.6
85 53.9	45.7 68.5
99 60.7	46.2 69.4



#56
Ethyl methacrylate
Concen: 5.111 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 69	Resp: 6838
Ion Ratio	Lower Upper
69 100	
41 65.8	39.1 58.7#
39 31.9	20.0 30.0#

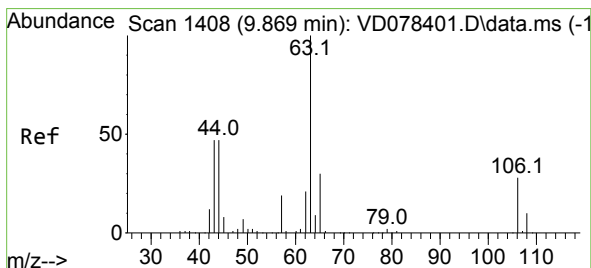
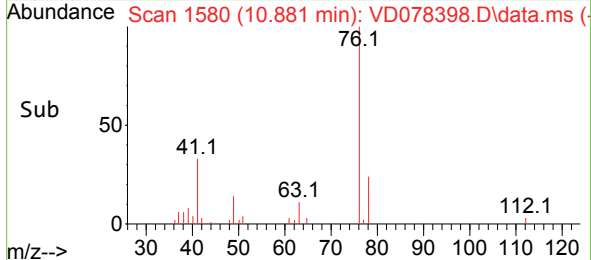
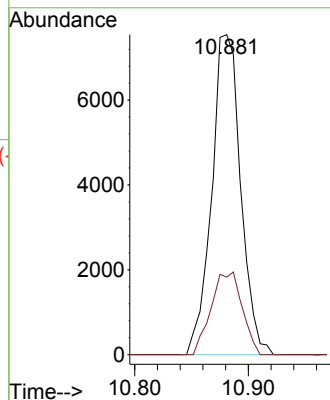
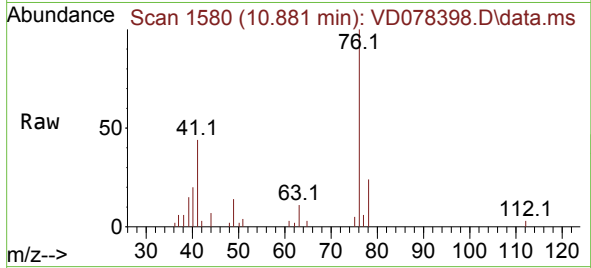




#57
1,3-Dichloropropane
Concen: 5.433 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

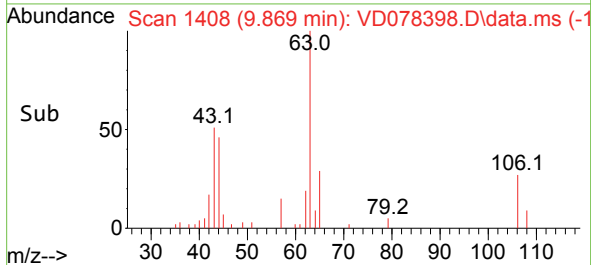
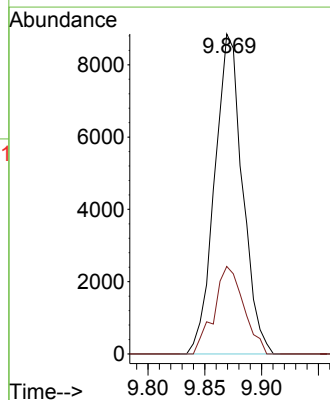
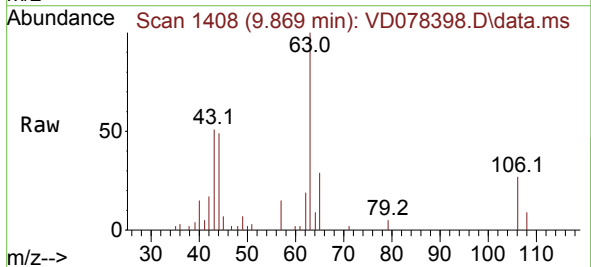
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

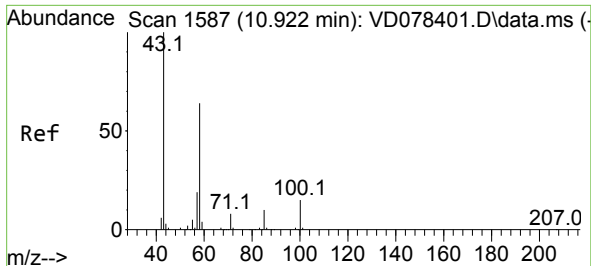
Tgt Ion: 76 Resp: 13370
Ion Ratio Lower Upper
76 100
78 27.6 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 19.211 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 63 Resp: 15141
Ion Ratio Lower Upper
63 100
106 29.1 25.3 37.9

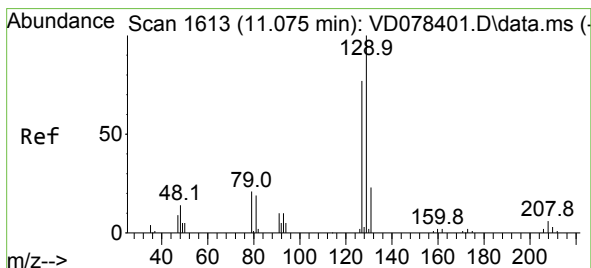
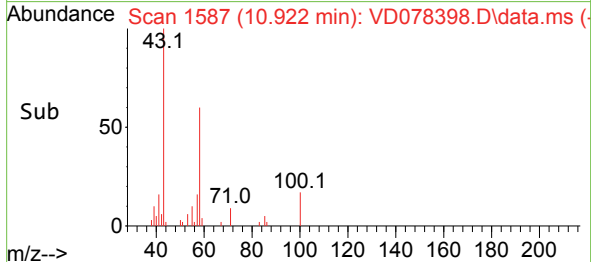
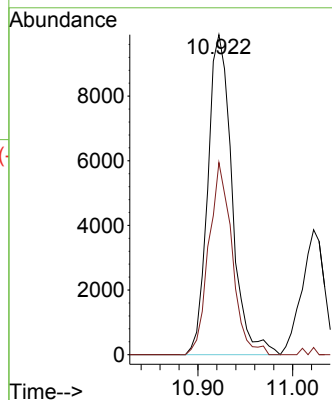
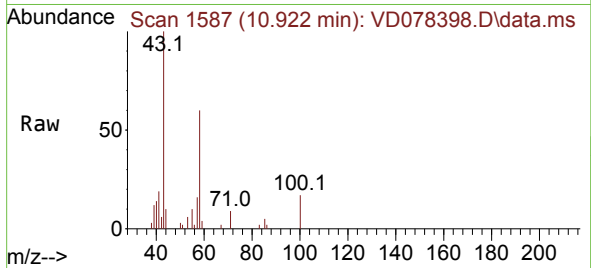




#59
2-Hexanone
Concen: 25.215 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

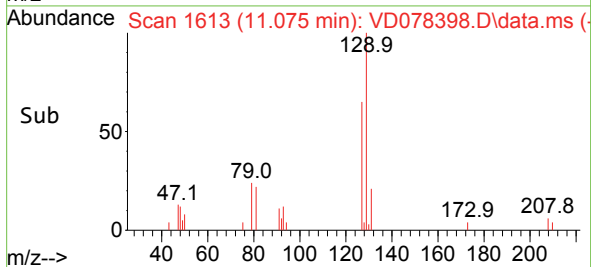
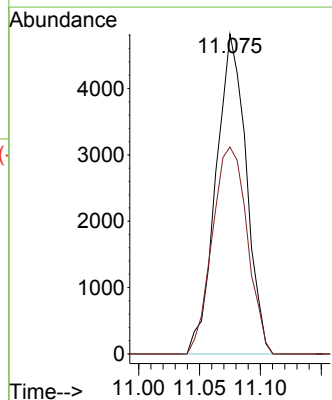
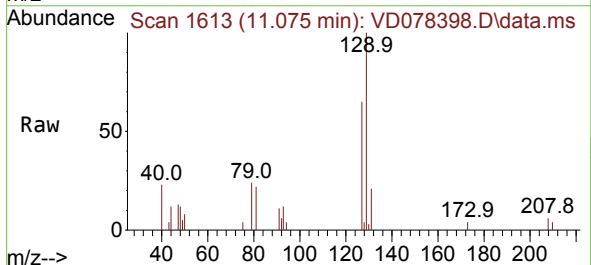
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

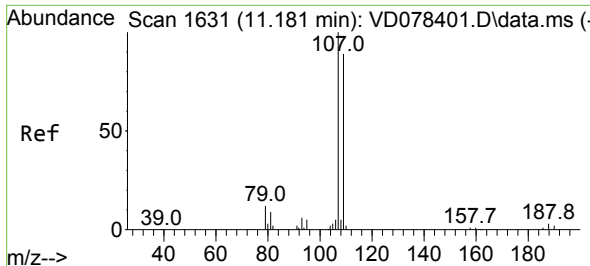
Tgt Ion: 43 Resp: 17582
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2



#60
Dibromochloromethane
Concen: 4.777 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 129 Resp: 8315
Ion Ratio Lower Upper
129 100
127 74.8 37.1 111.5

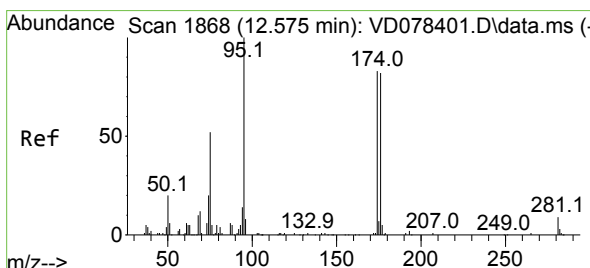
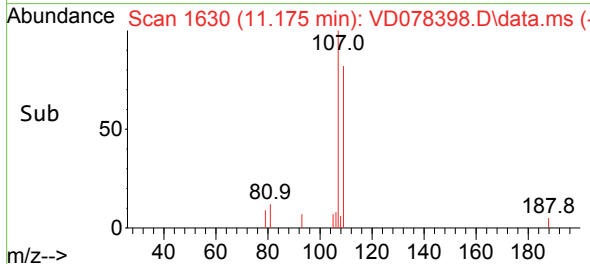
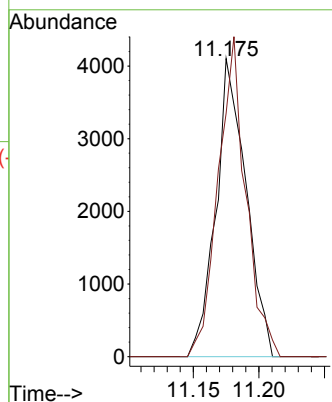
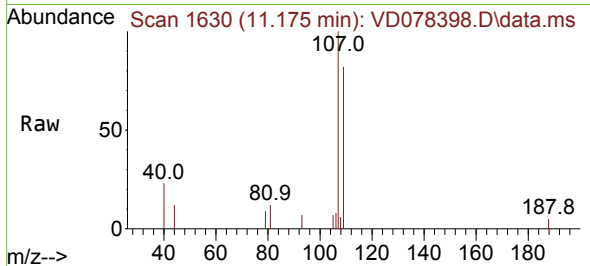




#61
1,2-Dibromoethane
Concen: 4.826 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

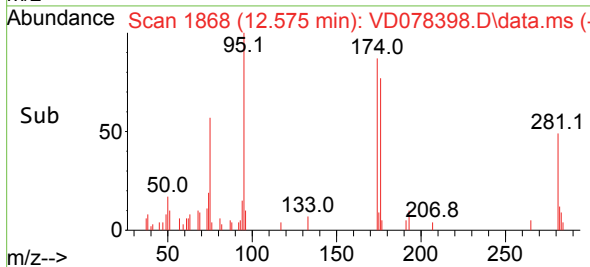
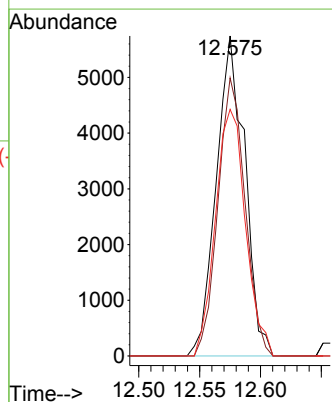
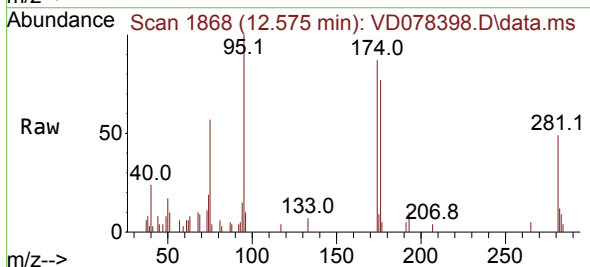
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

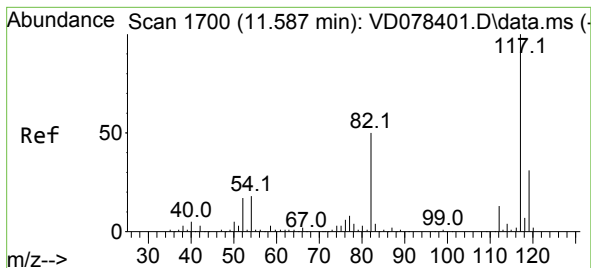
Tgt Ion:107 Resp: 6555
Ion Ratio Lower Upper
107 100
109 98.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.633 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 95 Resp: 9349
Ion Ratio Lower Upper
95 100
174 82.7 0.0 201.8
176 81.4 0.0 191.8

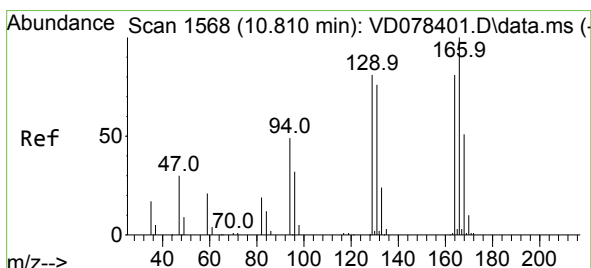
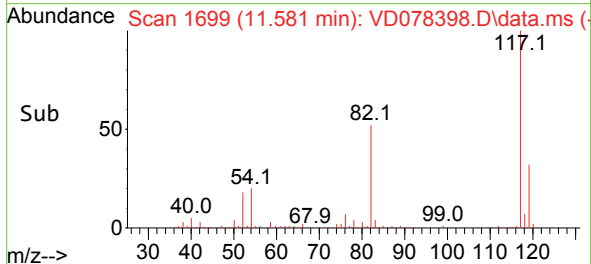
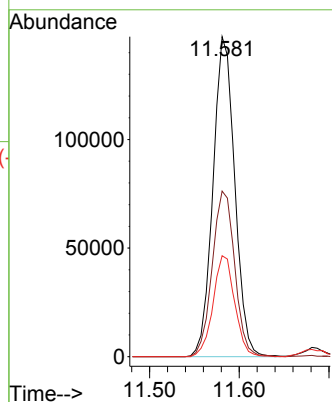
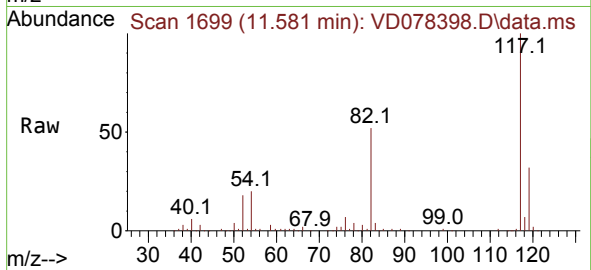




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

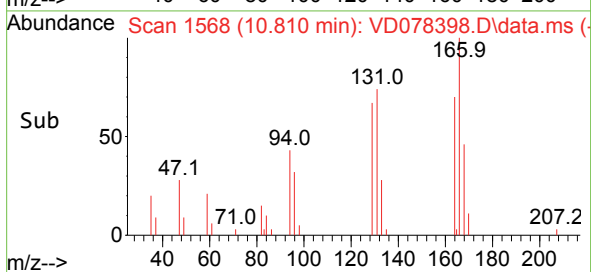
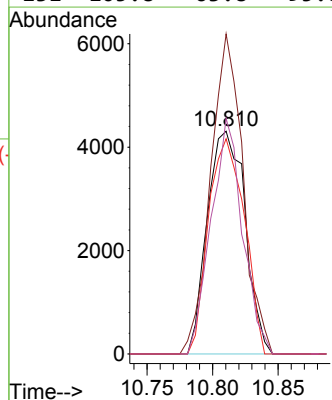
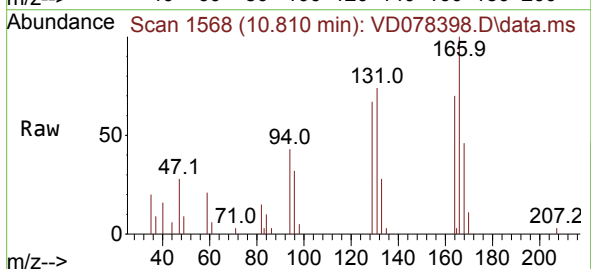
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

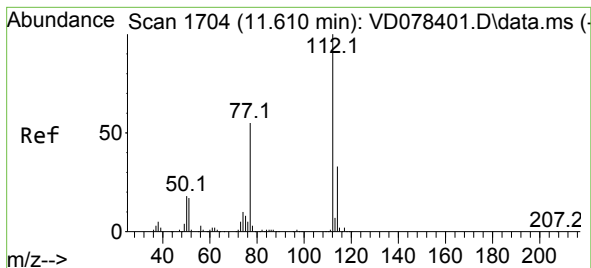
Tgt Ion:117 Resp: 248079
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 5.496 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:164 Resp: 8612
Ion Ratio Lower Upper
164 100
166 143.7 99.2 148.8
129 96.6 68.4 102.6
131 105.8 63.8 95.8#

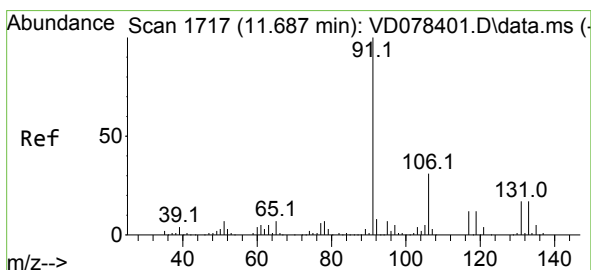
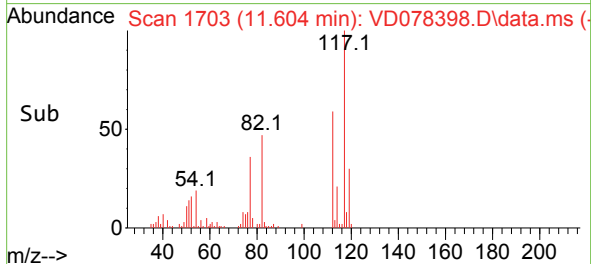
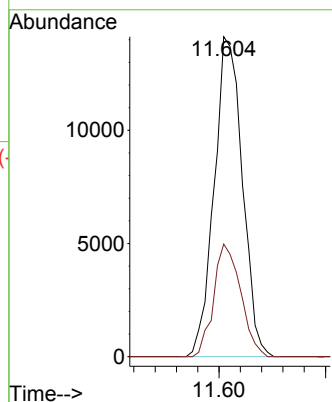
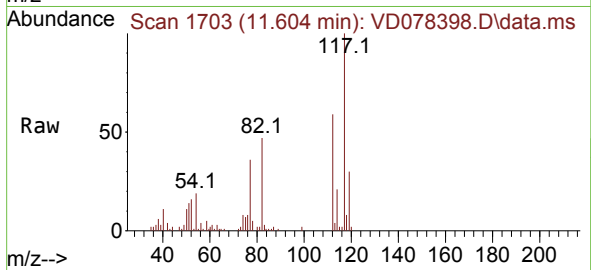




#65
Chlorobenzene
Concen: 5.198 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

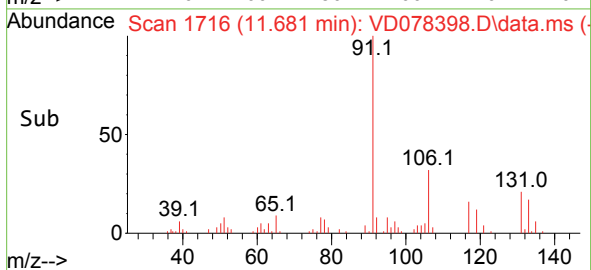
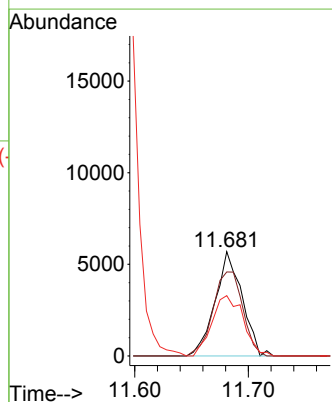
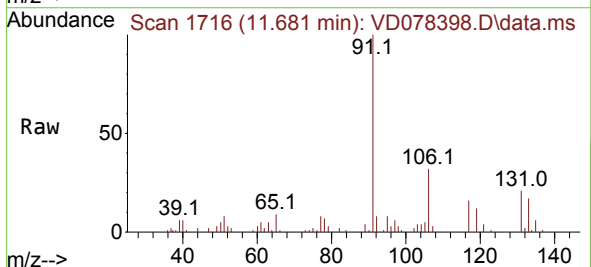
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

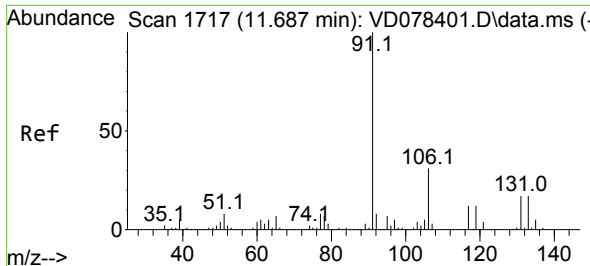
Tgt Ion:112 Resp: 25924
Ion Ratio Lower Upper
112 100
114 35.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.123 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:131 Resp: 9389
Ion Ratio Lower Upper
131 100
133 89.1 48.5 145.5
119 67.3 35.6 106.9

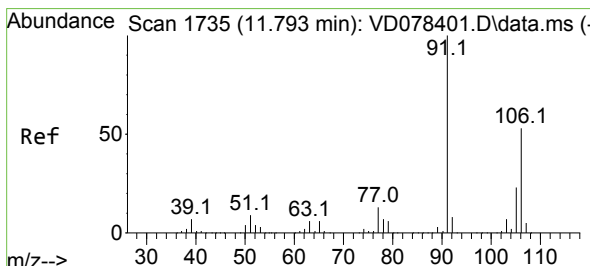
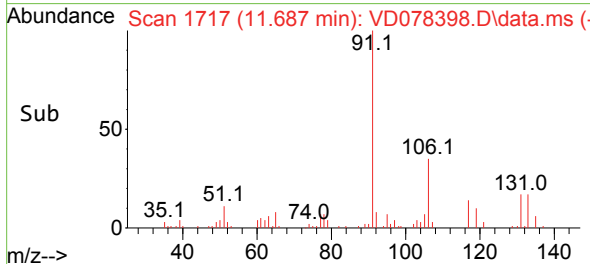
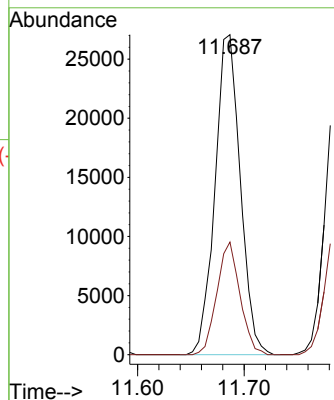
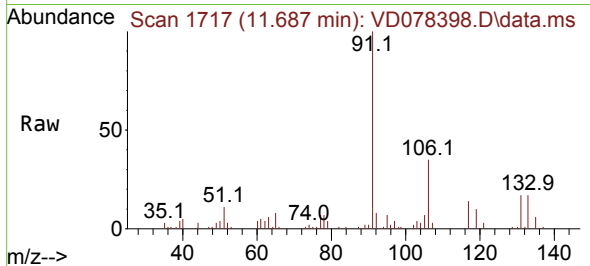




#67
Ethyl Benzene
Concen: 4.997 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

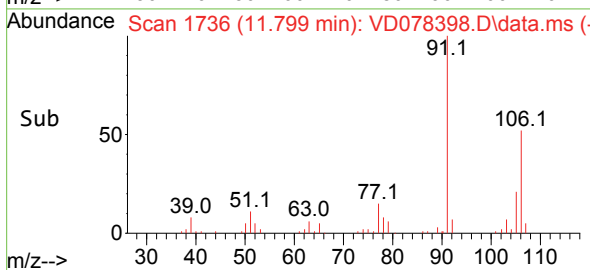
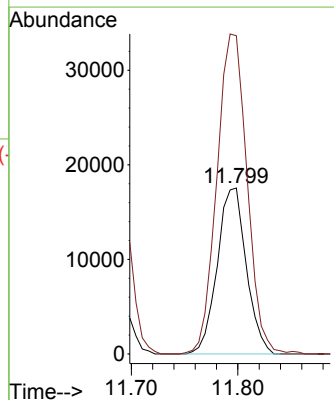
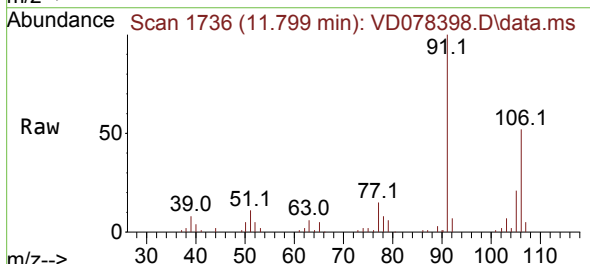
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

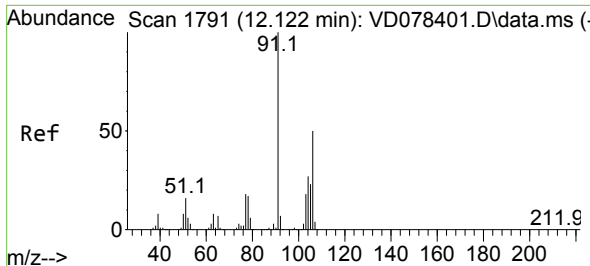
Tgt Ion: 91 Resp: 44650
Ion Ratio Lower Upper
91 100
106 35.2 26.5 39.7



#68
m/p-Xylenes
Concen: 9.534 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 106 Resp: 33233
Ion Ratio Lower Upper
106 100
91 200.6 147.0 220.6

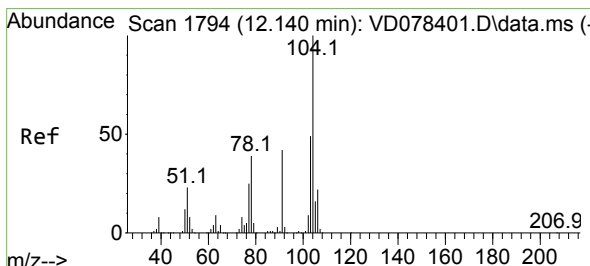
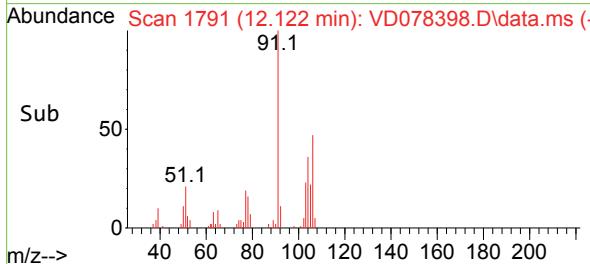
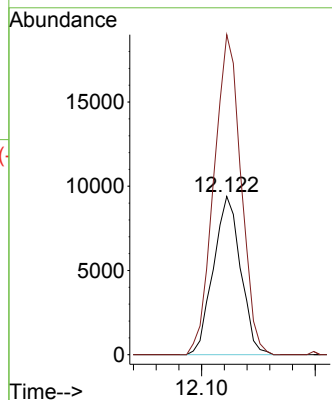
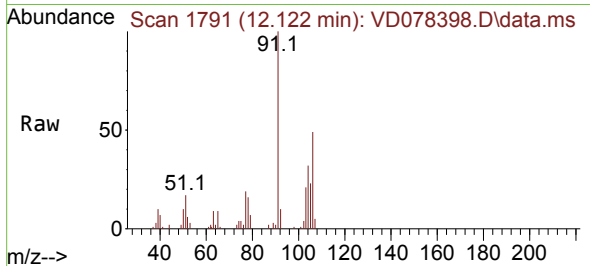




#69
o-Xylene
Concen: 4.925 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

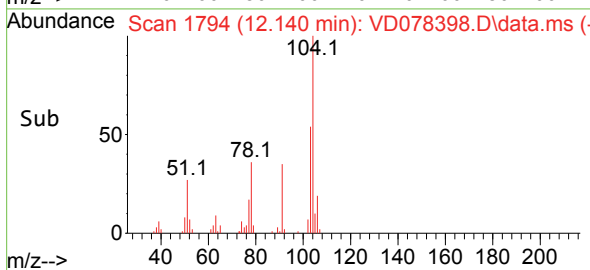
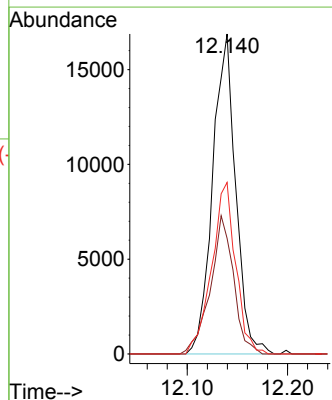
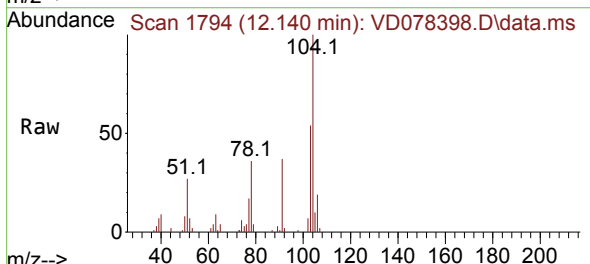
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

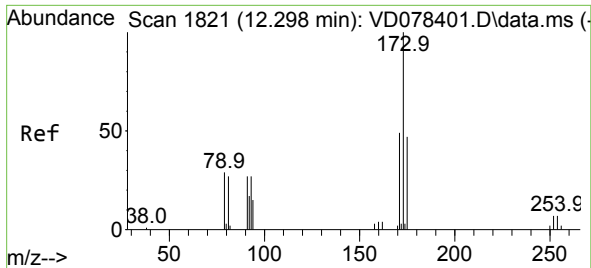
Tgt Ion:106 Resp: 15666
Ion Ratio Lower Upper
106 100
91 201.3 97.9 293.6



#70
Styrene
Concen: 5.182 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:104 Resp: 26901
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 55.8 43.6 65.4

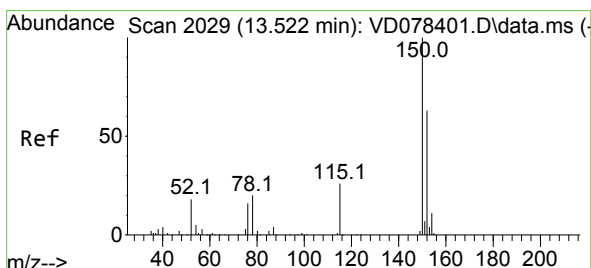
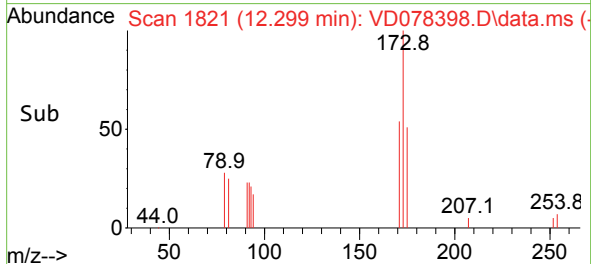
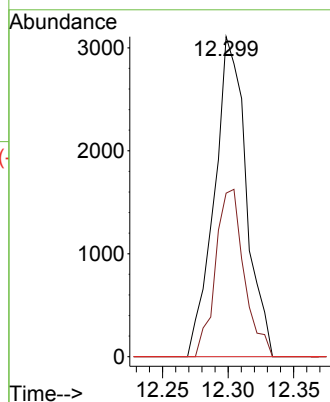
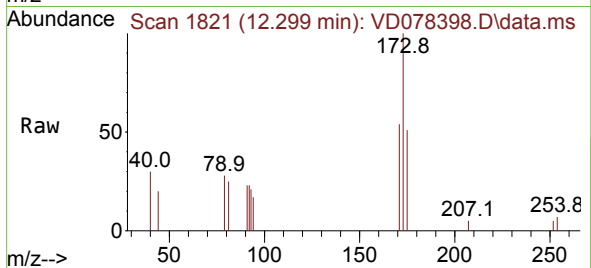




#71
Bromoform
Concen: 5.424 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

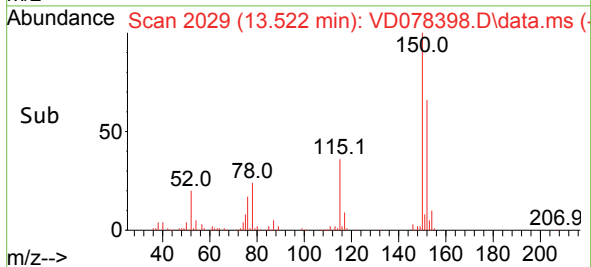
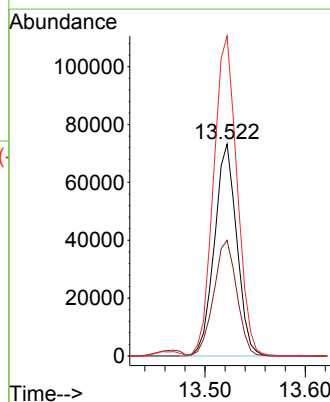
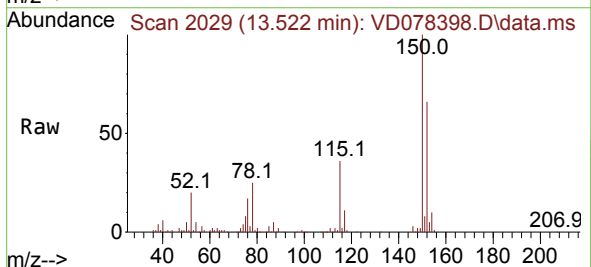
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

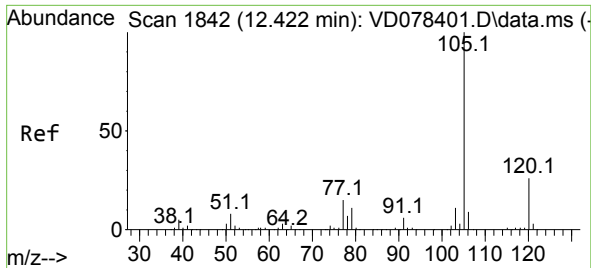
Tgt Ion:173 Resp: 5233
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:152 Resp: 113163
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 158.7 0.0 353.6

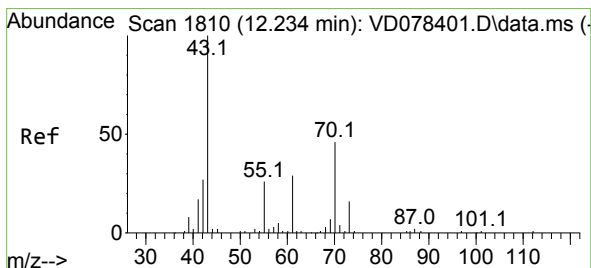
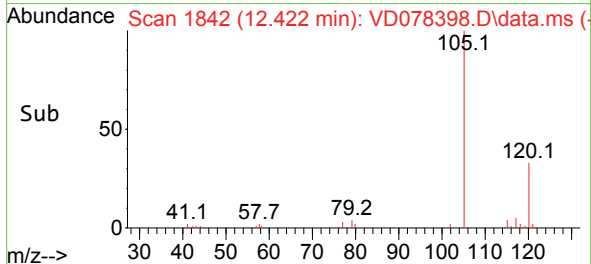
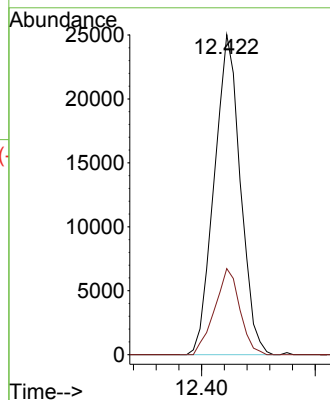
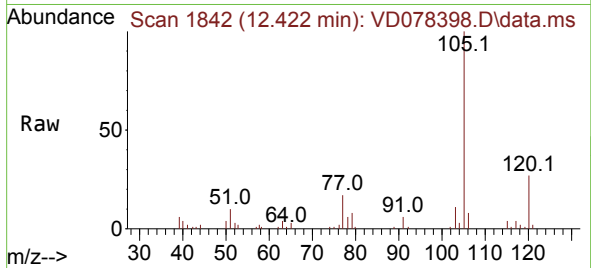




#73
Isopropylbenzene
Concen: 5.258 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

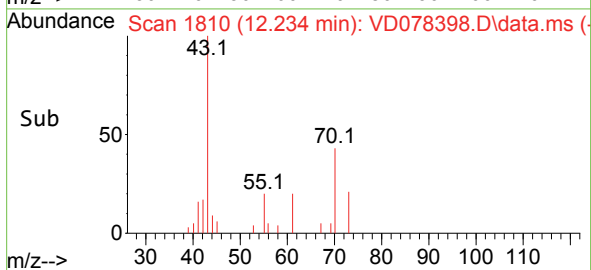
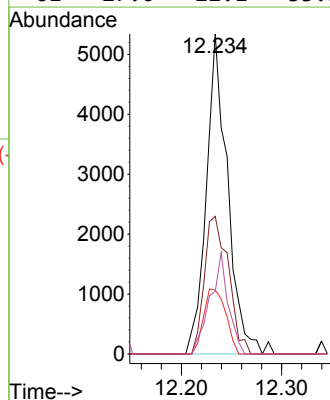
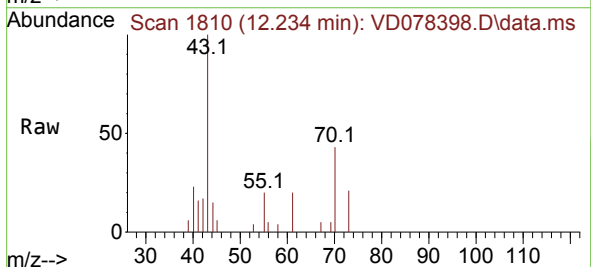
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

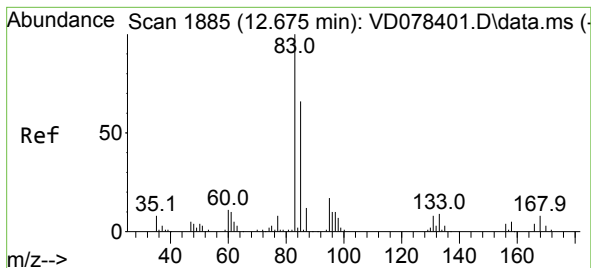
Tgt Ion:105 Resp: 39956
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9



#74
N-ethyl acetate
Concen: 5.509 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 43 Resp: 7920
Ion Ratio Lower Upper
43 100
70 48.4 45.0 67.4
55 21.0 23.8 35.6#
61 27.0 22.1 33.1

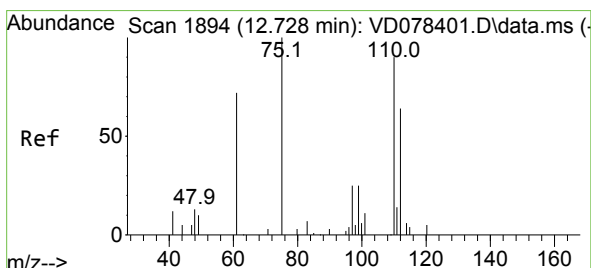
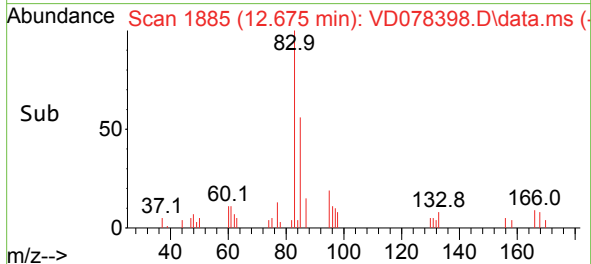
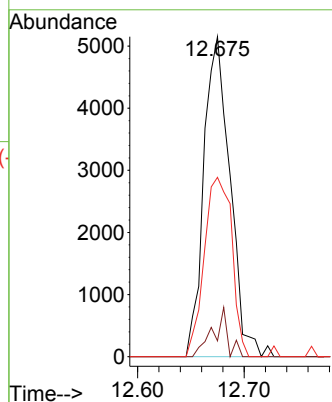
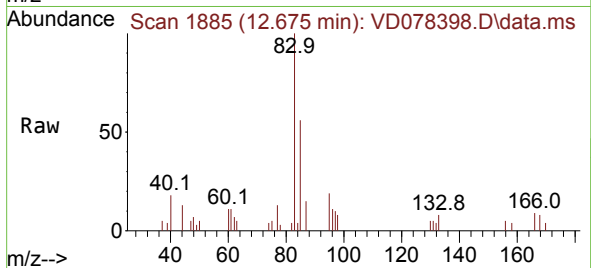




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.859 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

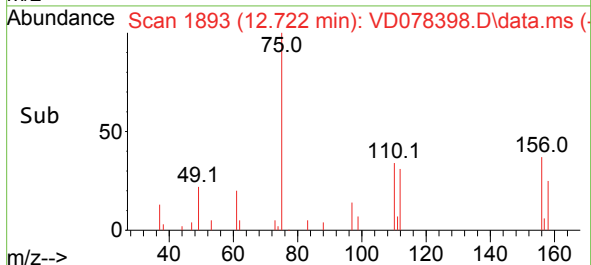
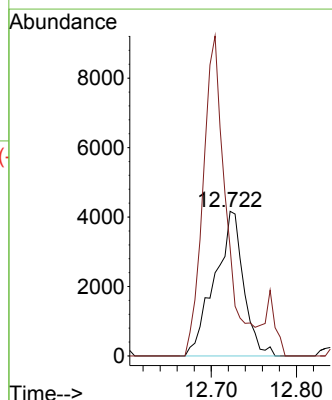
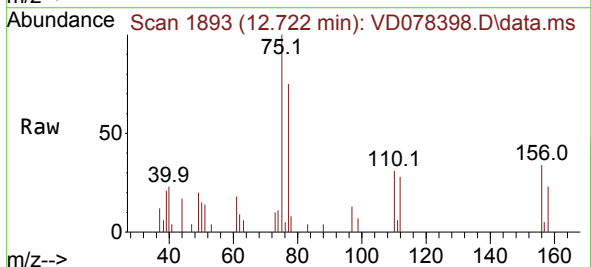
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

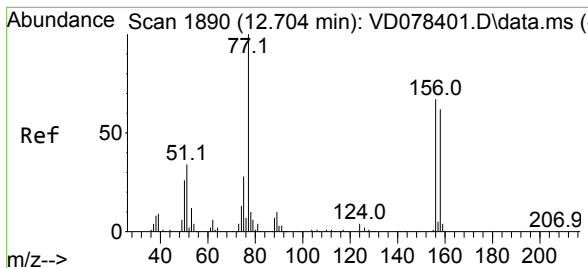
Tgt Ion: 83 Resp: 8831
 Ion Ratio Lower Upper
 83 100
 131 8.7 5.1 15.3
 85 58.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 10.186 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

Tgt Ion: 75 Resp: 9811
 Ion Ratio Lower Upper
 75 100
 77 175.6 0.0 0.0#





#77

Bromobenzene

Concen: 5.559 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

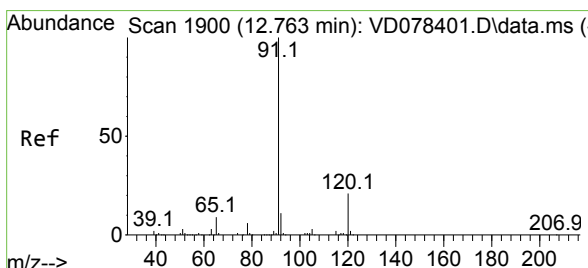
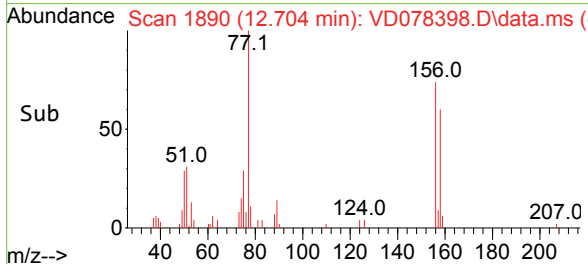
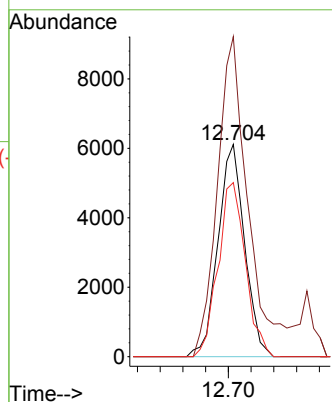
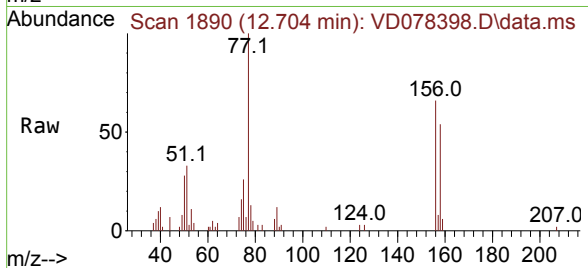
Tgt Ion:156 Resp: 9928

Ion Ratio Lower Upper

156 100

77 173.5 76.8 230.4

158 84.5 48.6 145.9



#78

n-propylbenzene

Concen: 5.329 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078398.D

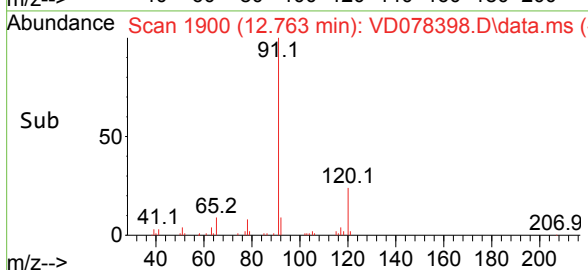
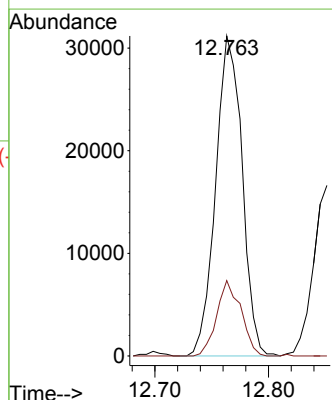
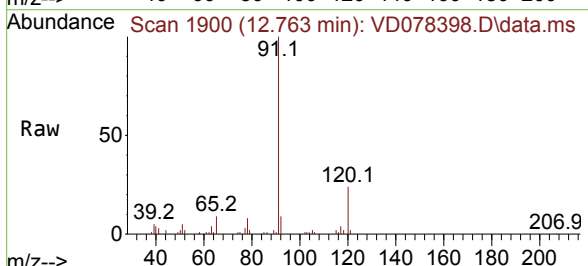
Acq: 13 Feb 2024 10:04

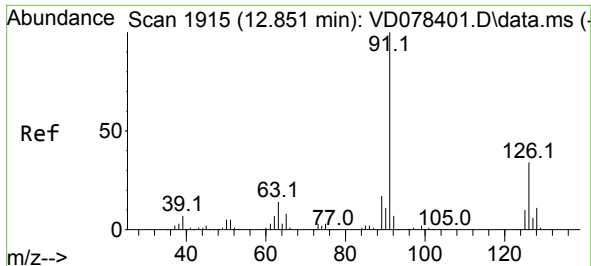
Tgt Ion: 91 Resp: 50463

Ion Ratio Lower Upper

91 100

120 21.6 12.4 37.2

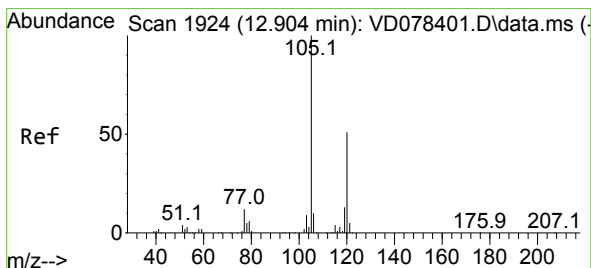
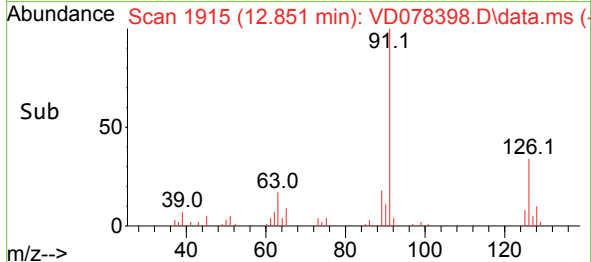
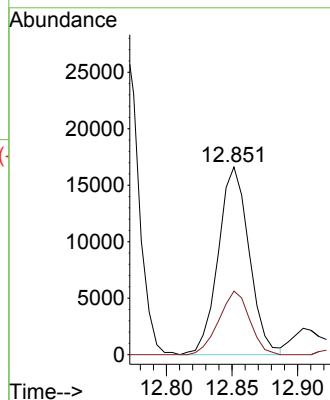
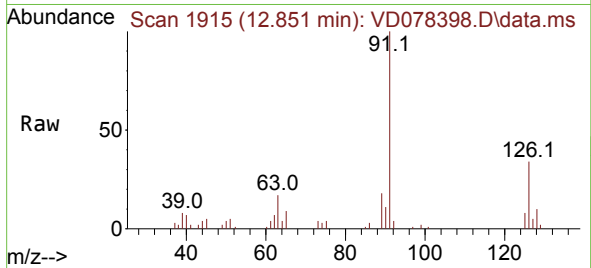




#79
2-Chlorotoluene
Concen: 5.380 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

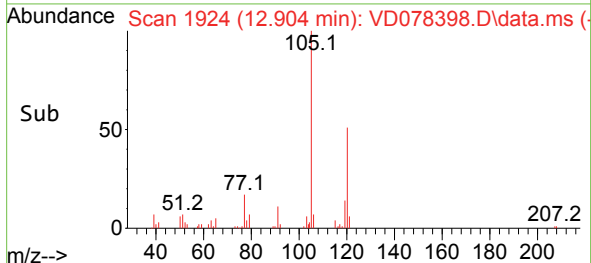
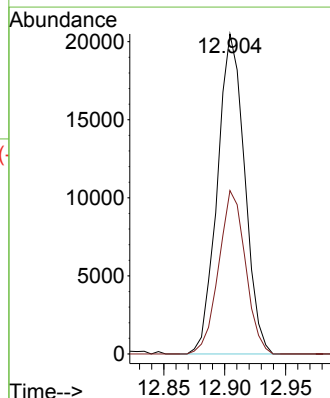
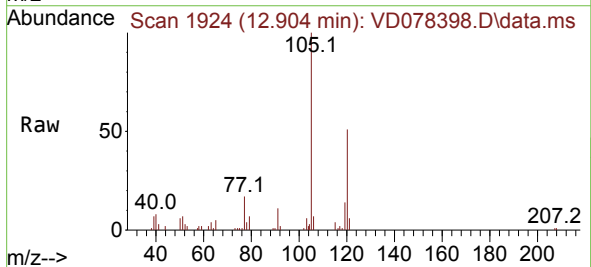
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

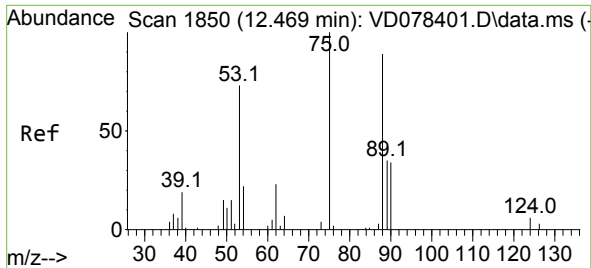
Tgt Ion: 91 Resp: 27287
Ion Ratio Lower Upper
91 100
126 33.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 5.064 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 105 Resp: 31950
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

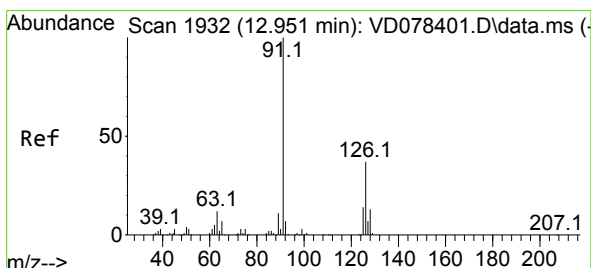
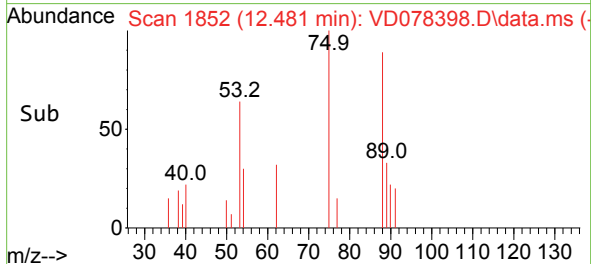
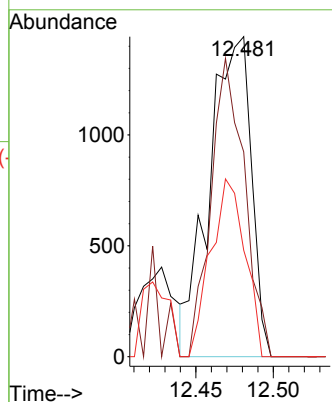
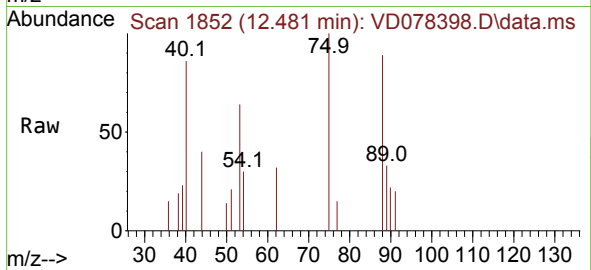




#81
trans-1,4-Dichloro-2-butene
Concen: 5.852 ug/l
RT: 12.481 min Scan# 1852
Delta R.T. 0.012 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

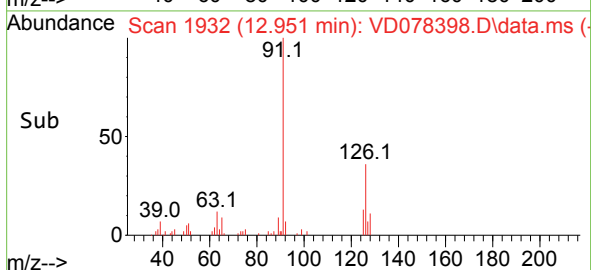
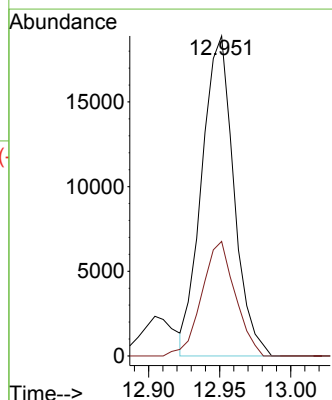
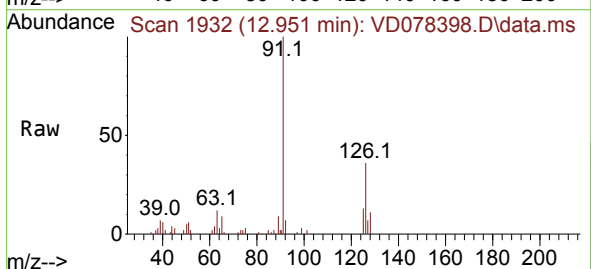
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

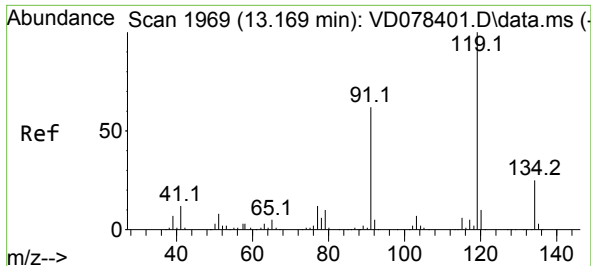
Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
53 74.7 63.0 94.4
89 45.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.446 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 91 Resp: 29667
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.4

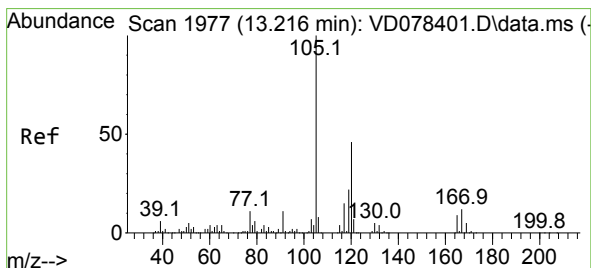
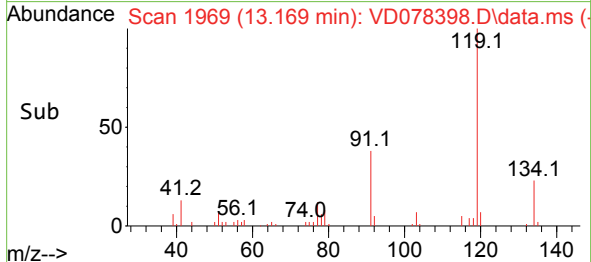
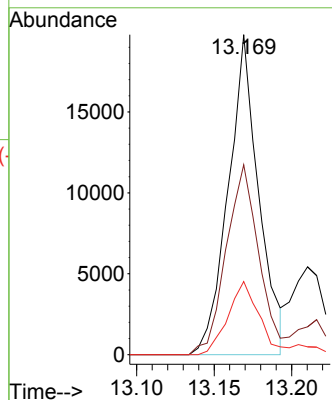
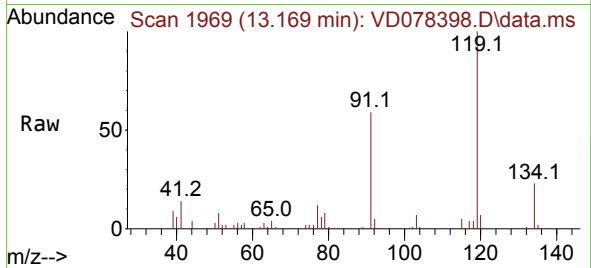




#83
tert-Butylbenzene
Concen: 5.093 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

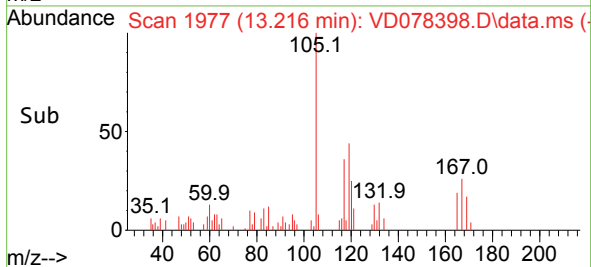
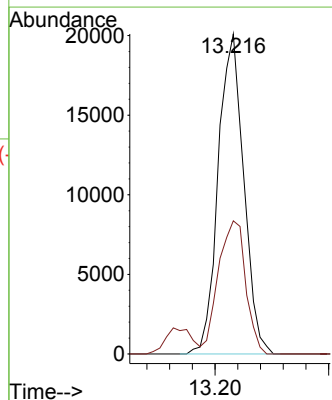
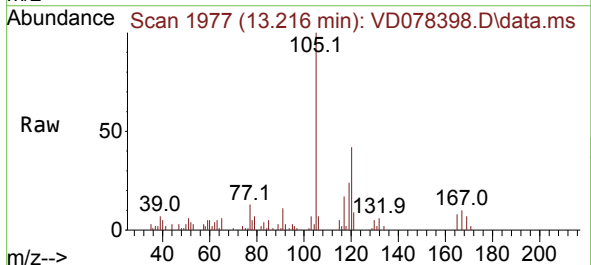
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

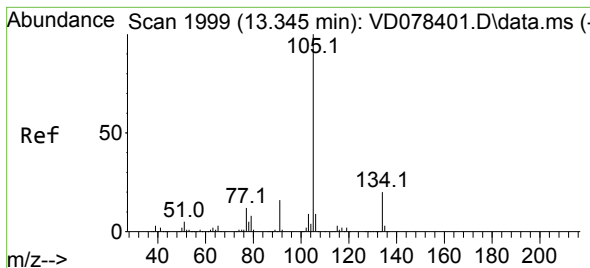
Tgt Ion:119 Resp: 27101
Ion Ratio Lower Upper
119 100
91 64.5 29.3 87.8
134 23.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 4.890 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:105 Resp: 31315
Ion Ratio Lower Upper
105 100
120 44.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 5.448 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

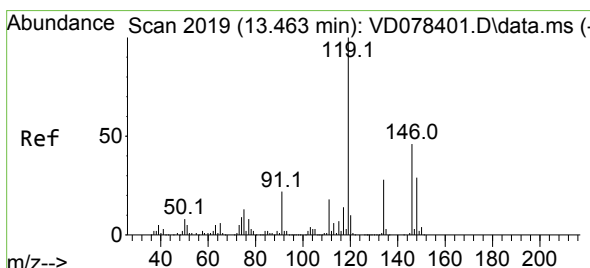
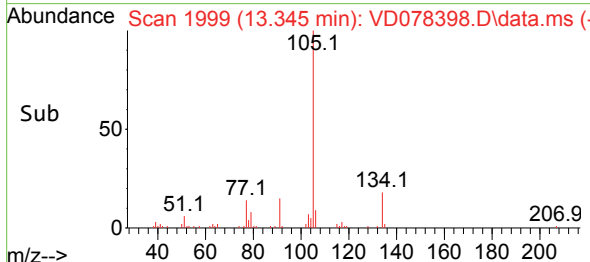
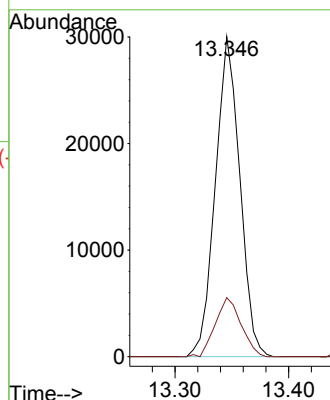
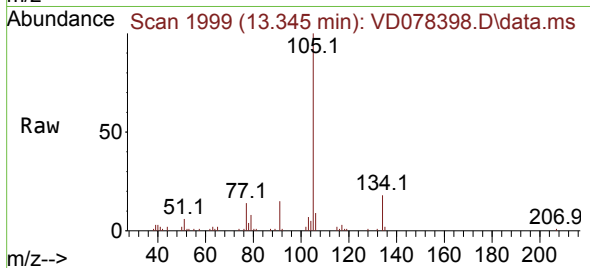
VSTDIC005

Tgt Ion:105 Resp: 44957

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 5.016 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

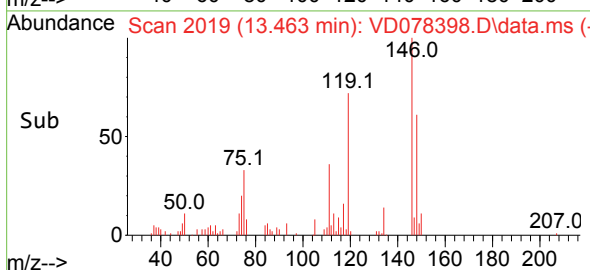
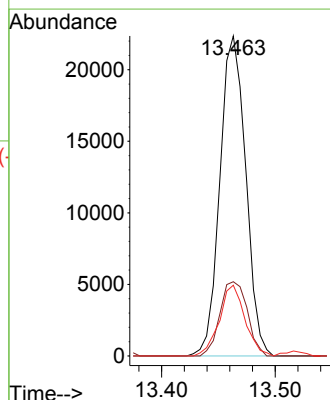
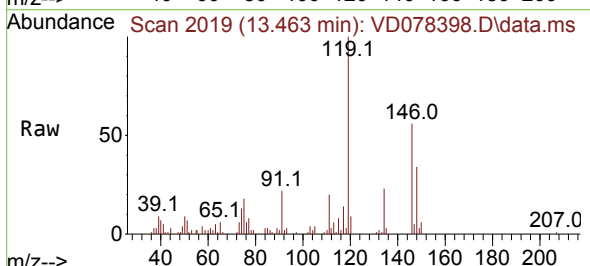
Tgt Ion:119 Resp: 35260

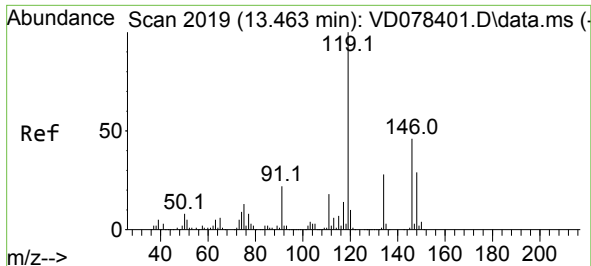
Ion Ratio Lower Upper

119 100

134 24.6 14.2 42.6

91 22.0 10.5 31.5

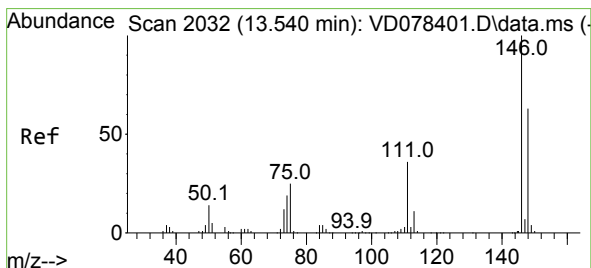
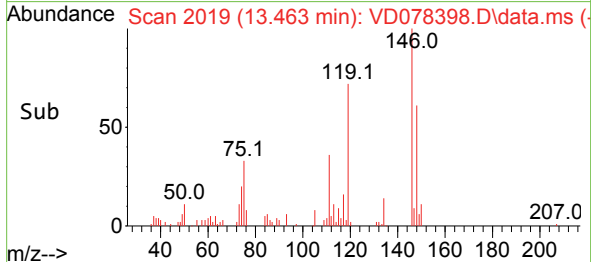
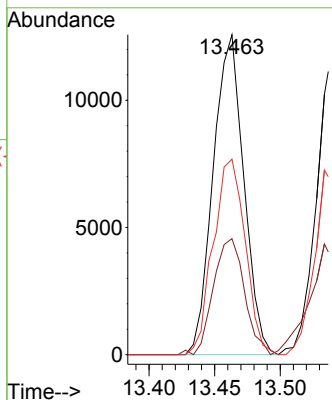
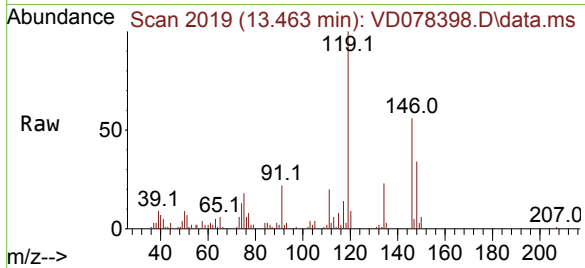




#87
 1,3-Dichlorobenzene
 Concen: 5.347 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

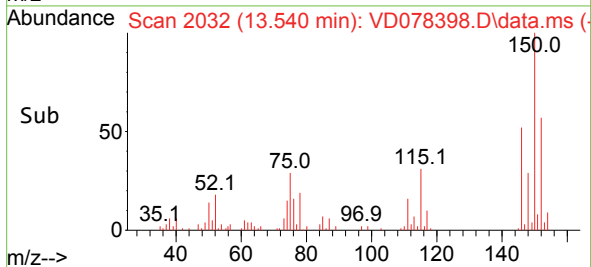
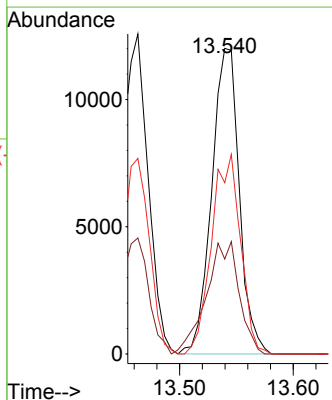
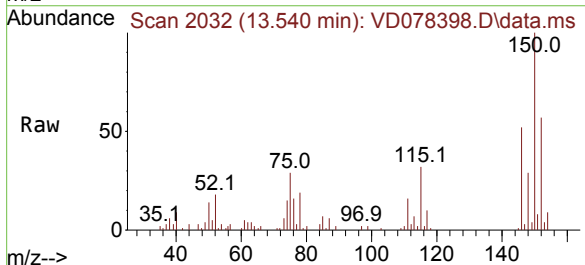
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

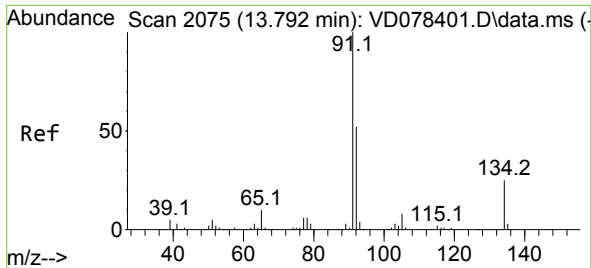
Tgt Ion:146 Resp: 20379
 Ion Ratio Lower Upper
 146 100
 111 36.8 17.9 53.8
 148 63.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 5.422 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

Tgt Ion:146 Resp: 20305
 Ion Ratio Lower Upper
 146 100
 111 43.7 17.4 52.3
 148 68.3 31.7 95.1

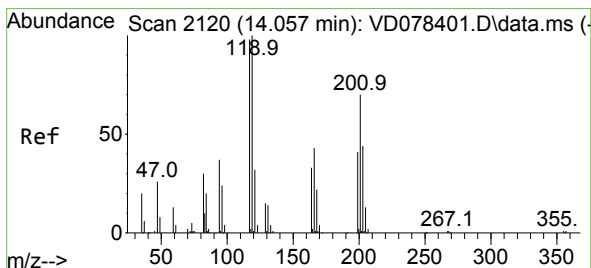
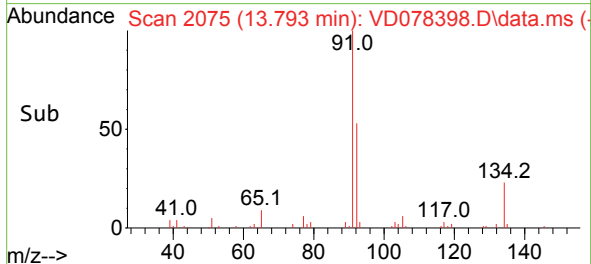
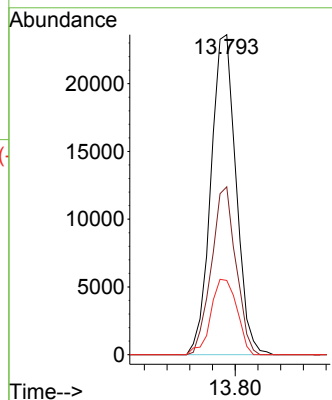
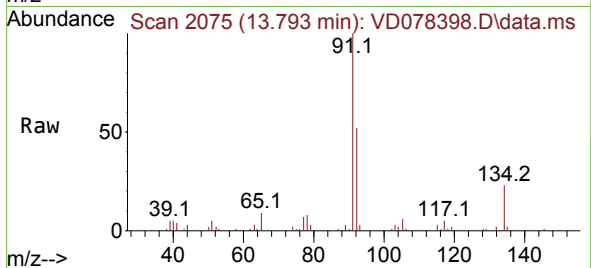




#89
n-Butylbenzene
Concen: 5.348 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

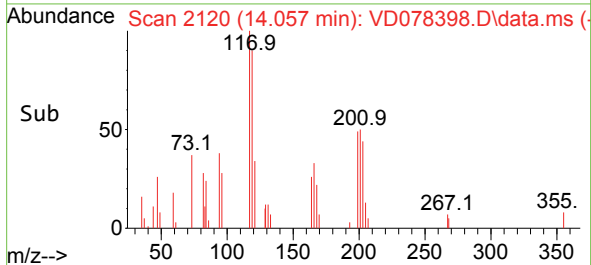
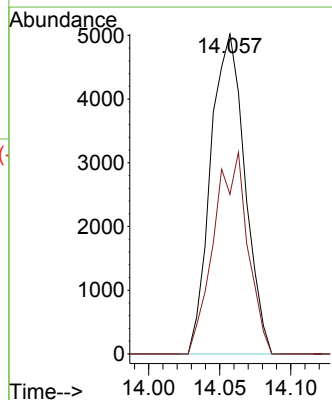
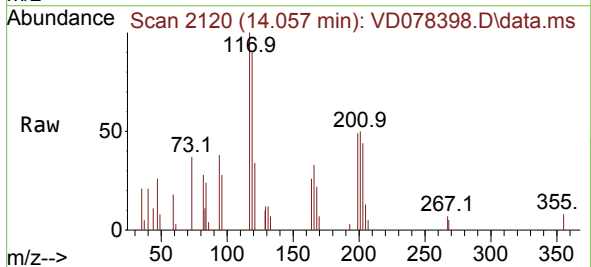
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

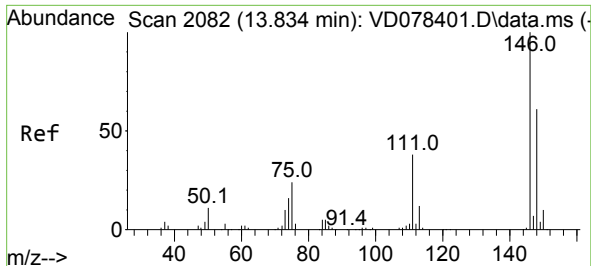
Tgt Ion:	91	Resp:	36235
Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.5	79.5
134	24.5	13.8	41.3



#90
Hexachloroethane
Concen: 5.813 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion:	117	Resp:	8398
Ion	Ratio	Lower	Upper
117	100		
201	62.5	38.5	115.5

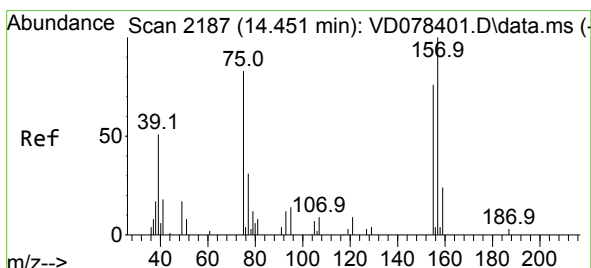
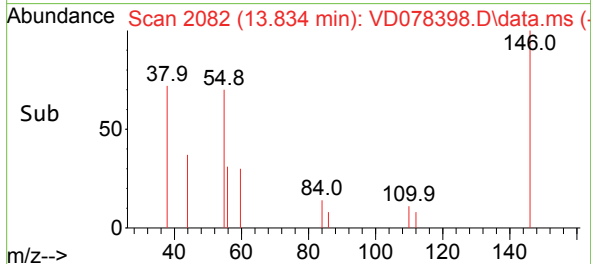
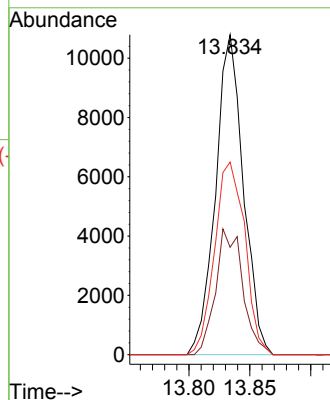
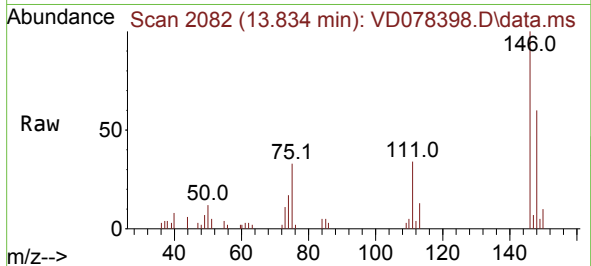




#91
1,2-Dichlorobenzene
Concen: 5.360 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

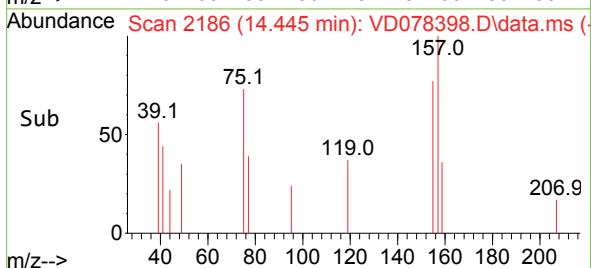
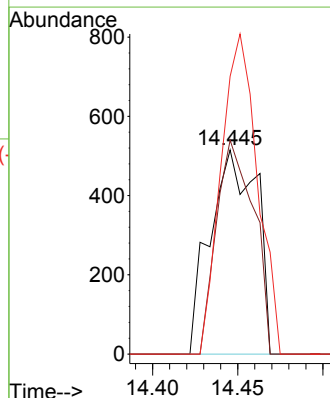
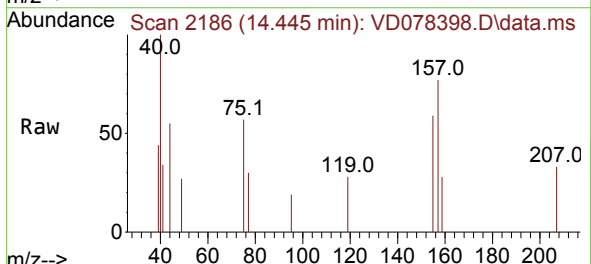
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

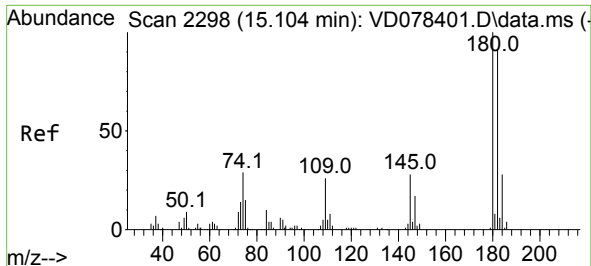
Tgt Ion:146 Resp: 17157
Ion Ratio Lower Upper
146 100
111 38.3 18.3 54.8
148 65.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.970 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078398.D
Acq: 13 Feb 2024 10:04

Tgt Ion: 75 Resp: 981
Ion Ratio Lower Upper
75 100
155 83.6 47.9 143.8
157 122.7 59.9 179.7

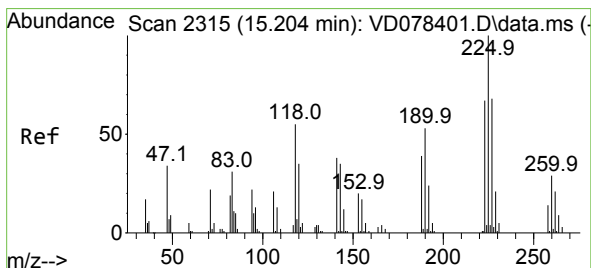
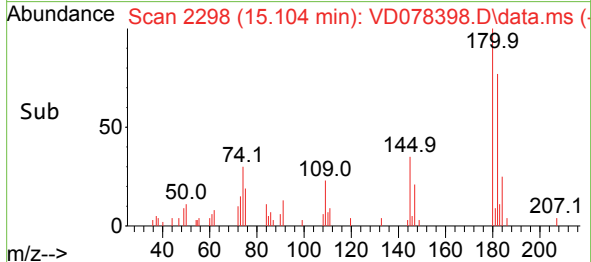
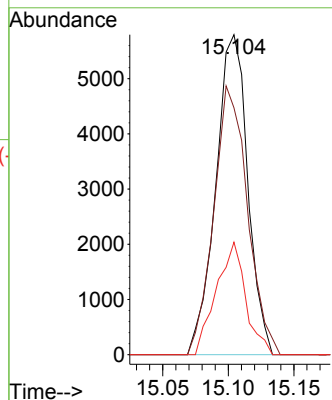
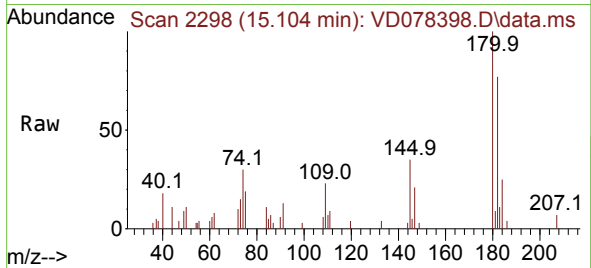




#93
 1,2,4-Trichlorobenzene
 Concen: 5.225 ug/l
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

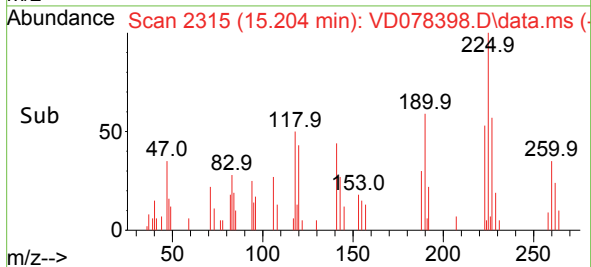
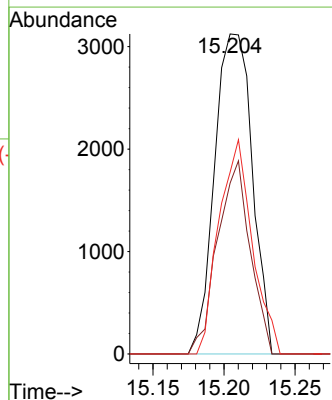
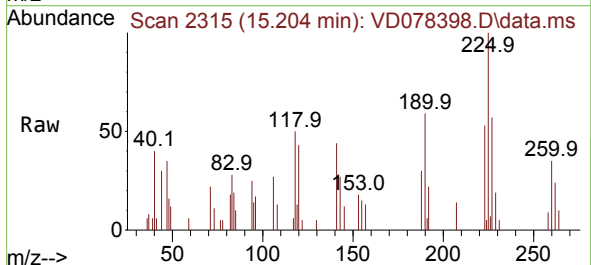
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

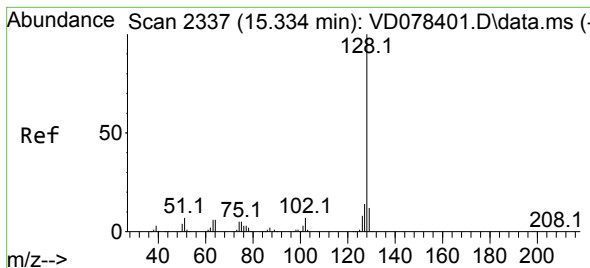
Tgt Ion:	180	Resp:	9828
Ion Ratio	Lower	Upper	
180	100		
182	88.4	48.5	145.6
145	32.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 5.859 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD078398.D
 Acq: 13 Feb 2024 10:04

Tgt Ion:	225	Resp:	5752
Ion Ratio	Lower	Upper	
225	100		
223	52.4	31.6	94.8
227	59.6	31.7	95.1





#95

Naphthalene

Concen: 4.864 ug/l

RT: 15.340 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

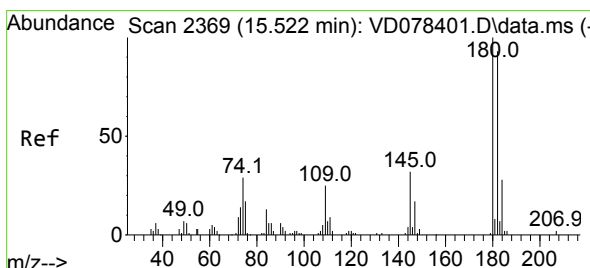
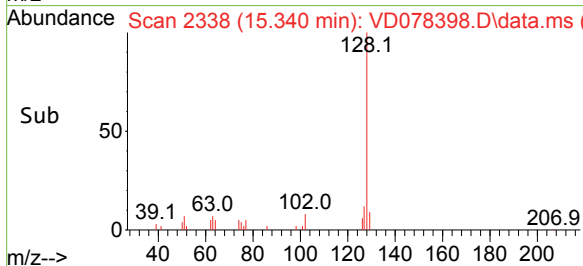
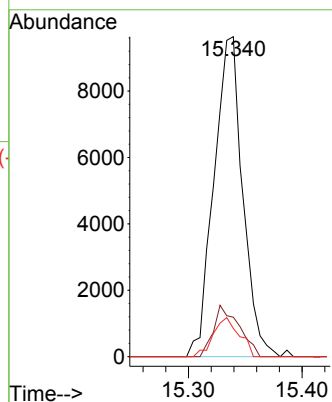
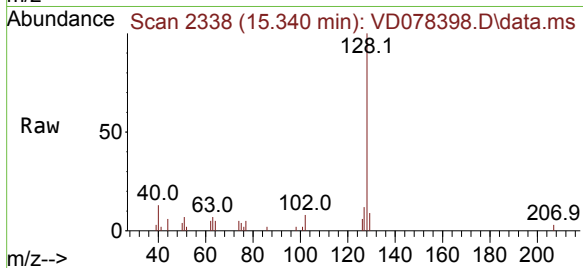
Tgt Ion:128 Resp: 16969

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 8.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.257 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078398.D

Acq: 13 Feb 2024 10:04

Tgt Ion:180 Resp: 8381

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 30.5 15.1 45.3

