

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078286.D
 Acq On : 31 Jan 2024 11:18
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 01 02:56:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	122630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68360	45.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.060%
35) Dibromofluoromethane	7.805	113	71823	46.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.120%
50) Toluene-d8	10.269	98	284281	48.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.575	95	82484	46.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	64571	50.158	ug/l	95
3) Chloromethane	2.152	50	118788	46.566	ug/l	99
4) Vinyl Chloride	2.287	62	154947	46.047	ug/l	97
5) Bromomethane	2.693	94	86554	42.488	ug/l	95
6) Chloroethane	2.840	64	104397	44.917	ug/l	100
7) Trichlorofluoromethane	3.175	101	131659	46.214	ug/l	99
8) Diethyl Ether	3.593	74	38321	45.470	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	80248	45.898	ug/l	93
10) Methyl Iodide	4.164	142	77701	48.855	ug/l	91
11) Tert butyl alcohol	5.058	59	20647	213.224	ug/l	98
12) 1,1-Dichloroethene	3.946	96	78162	46.331	ug/l	90
13) Acrolein	3.799	56	24063	209.291	ug/l	99
14) Allyl chloride	4.564	41	103730	46.636	ug/l	91
15) Acrylonitrile	5.258	53	82827	222.346	ug/l	99
16) Acetone	4.022	43	83084	232.443	ug/l #	78
17) Carbon Disulfide	4.269	76	259281	45.525	ug/l	97
18) Methyl Acetate	4.564	43	39515	48.836	ug/l #	88
19) Methyl tert-butyl Ether	5.311	73	164101	46.772	ug/l	97
20) Methylene Chloride	4.805	84	86156	46.658	ug/l #	82
21) trans-1,2-Dichloroethene	5.316	96	90015	47.191	ug/l	95
22) Diisopropyl ether	6.222	45	221280	46.754	ug/l	93
23) Vinyl Acetate	6.158	43	660344	228.689	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	150151	45.827	ug/l	99
25) 2-Butanone	7.081	43	108450	214.391	ug/l	88
26) 2,2-Dichloropropane	7.075	77	127850	47.769	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	96851	45.812	ug/l	90
28) Bromochloromethane	7.422	49	63322	54.185	ug/l #	74
29) Tetrahydrofuran	7.446	42	58372	215.702	ug/l	87
30) Chloroform	7.599	83	155488	46.414	ug/l	95
31) Cyclohexane	7.881	56	128330	45.137	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	135484	46.927	ug/l	100
36) 1,1-Dichloropropene	8.010	75	123781	47.875	ug/l	95
37) Ethyl Acetate	7.169	43	39866	40.062	ug/l	97
38) Carbon Tetrachloride	7.993	117	117148	46.080	ug/l	92
39) Methylcyclohexane	9.275	83	147967	48.404	ug/l	94
40) Benzene	8.252	78	348984	46.260	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	23315	43.580	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	87854	44.900	ug/l	95
43) Isopropyl Acetate	8.357	43	81758	45.823	ug/l #	91
44) Trichloroethene	9.028	130	86984	46.956	ug/l	85
45) 1,2-Dichloropropane	9.304	63	83006	45.001	ug/l	99
46) Dibromomethane	9.399	93	44772	43.748	ug/l	89
47) Bromodichloromethane	9.587	83	117065	46.493	ug/l	99
48) Methyl methacrylate	9.381	41	40731	47.773	ug/l #	77
49) 1,4-Dioxane	9.381	88	9986	869.849	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	211602	219.230	ug/l	91
52) Toluene	10.334	92	220333	48.151	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	109090	46.385	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	133624	47.992	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	60505	45.305	ug/l	93
56) Ethyl methacrylate	10.599	69	71335	47.092	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	104576	45.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	180932	262.651	ug/l	93
59) 2-Hexanone	10.922	43	159810	219.844	ug/l	89
60) Dibromochloromethane	11.075	129	72887	47.015	ug/l	97
61) 1,2-Dibromoethane	11.181	107	56565	44.861	ug/l	99
64) Tetrachloroethene	10.810	164	67600	48.704	ug/l	93
65) Chlorobenzene	11.604	112	219235	46.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	79344	46.808	ug/l	96
67) Ethyl Benzene	11.681	91	418216	48.494	ug/l	92
68) m/p-Xylenes	11.793	106	319430	96.275	ug/l	88
69) o-Xylene	12.122	106	147875	48.497	ug/l	89
70) Styrene	12.134	104	251946	48.384	ug/l	95
71) Bromoform	12.298	173	39191	46.944	ug/l #	100
73) Isopropylbenzene	12.422	105	391311	49.269	ug/l	96
74) N-amyl acetate	12.234	43	76956	46.849	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	69627	45.395	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	84404	86.026	ug/l #	100
77) Bromobenzene	12.698	156	81594	46.684	ug/l	84
78) n-propylbenzene	12.763	91	493764	49.907	ug/l	95
79) 2-Chlorotoluene	12.851	91	257114	48.546	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	320809	49.651	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	22999	46.620	ug/l	93
82) 4-Chlorotoluene	12.945	91	265553	47.031	ug/l	96
83) tert-Butylbenzene	13.169	119	278127	50.447	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	322883	49.392	ug/l	96
85) sec-Butylbenzene	13.345	105	438294	50.653	ug/l	95
86) p-Isopropyltoluene	13.463	119	356950	50.366	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	174115	47.952	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	169652	47.223	ug/l	96
89) n-Butylbenzene	13.787	91	358755	51.948	ug/l	96
90) Hexachloroethane	14.057	117	70560	49.846	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	146758	47.244	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9374	43.599	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	90106	50.148	ug/l	96
94) Hexachlorobutadiene	15.204	225	45711	51.918	ug/l	99
95) Naphthalene	15.334	128	176469	49.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	77360	48.898	ug/l	97

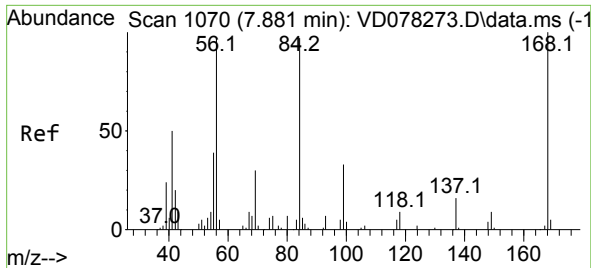
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Quant Title : SW846 8260
QLast Update : Wed Jan 31 00:23:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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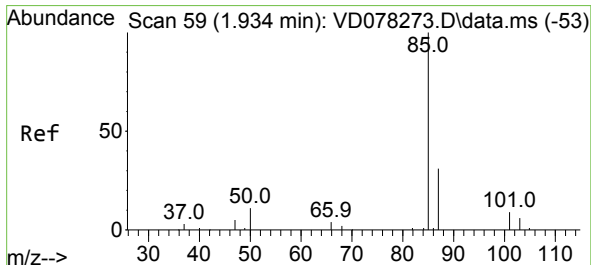
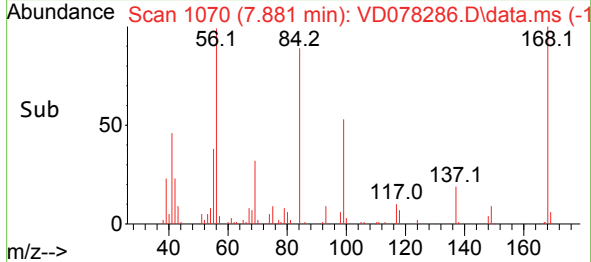
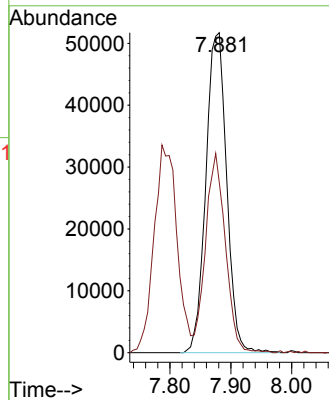
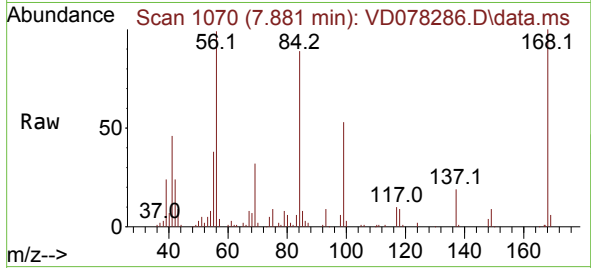
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
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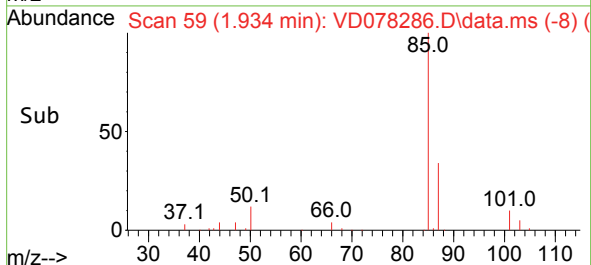
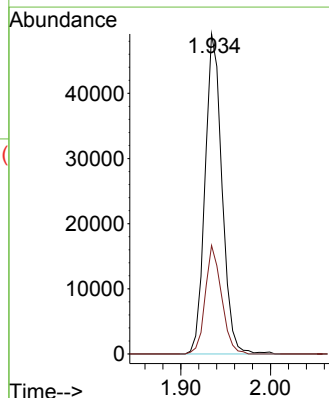
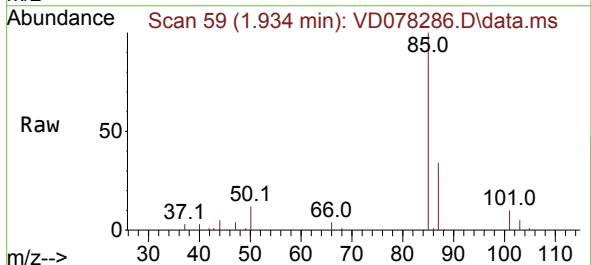
Instrument :
MSVOA_D
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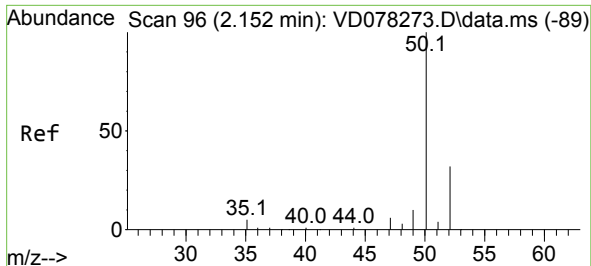
Tgt Ion:168 Resp: 122630
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 50.158 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 85 Resp: 64571
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0

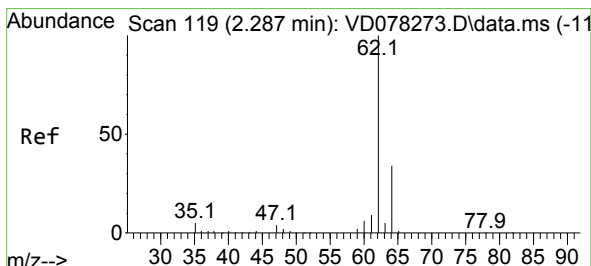
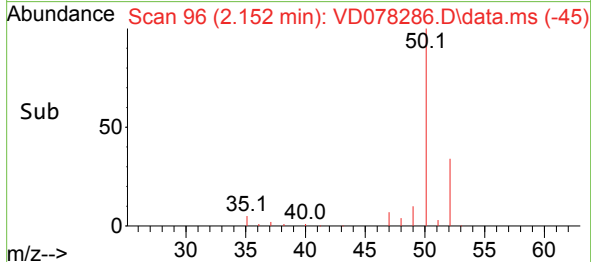
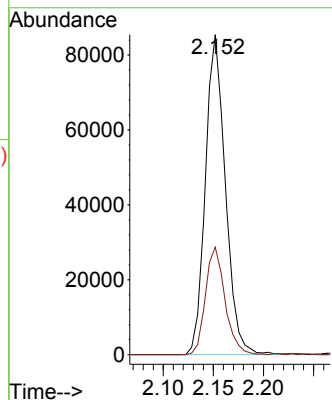
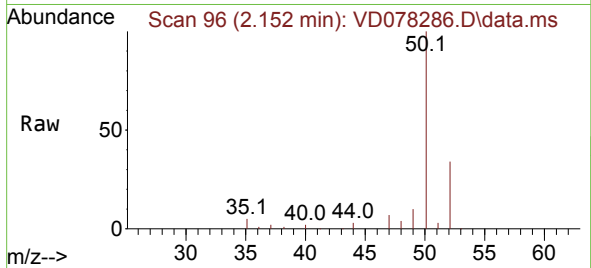




#3
Chloromethane
Concen: 46.566 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

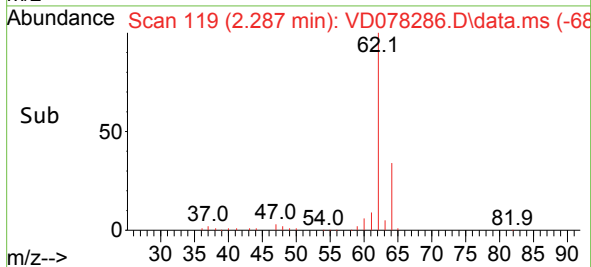
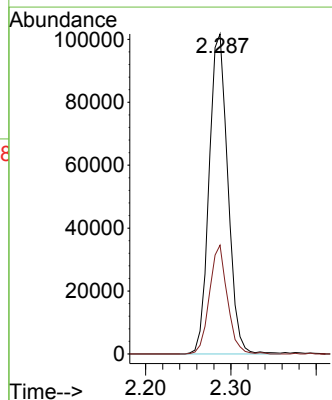
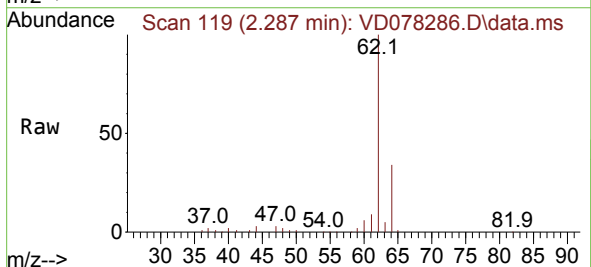
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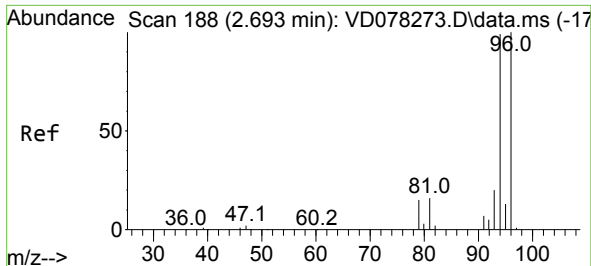
Tgt Ion: 50 Resp: 118788
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 46.047 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 62 Resp: 154947
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0

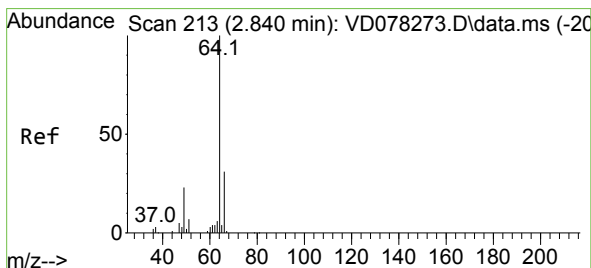
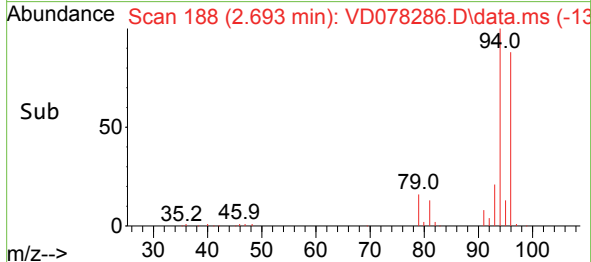
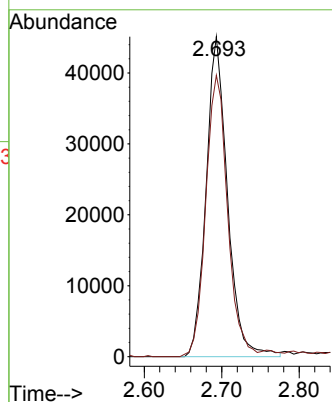
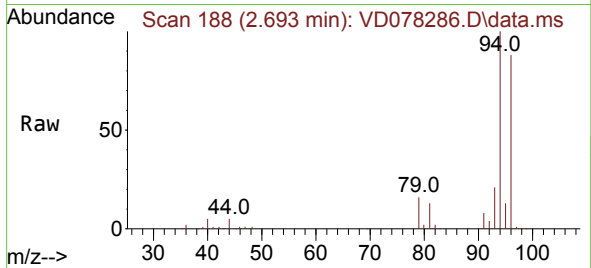




#5
Bromomethane
Concen: 42.488 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

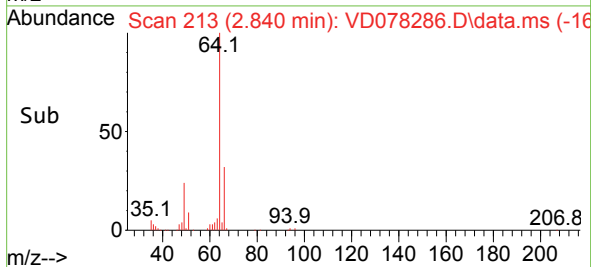
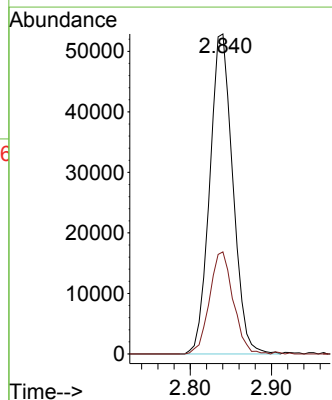
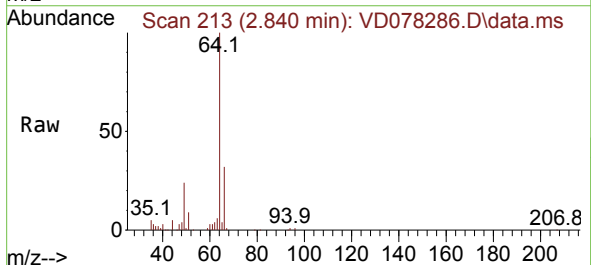
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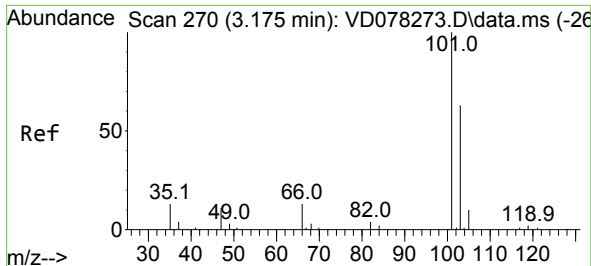
Tgt Ion: 94 Resp: 86554
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.8



#6
Chloroethane
Concen: 44.917 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 64 Resp: 104397
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

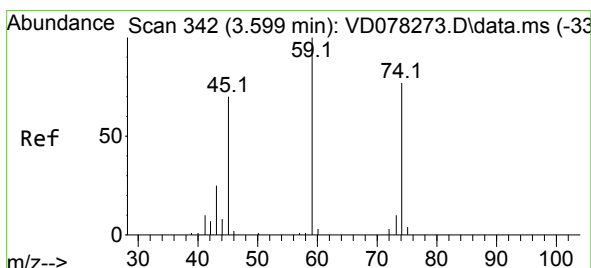
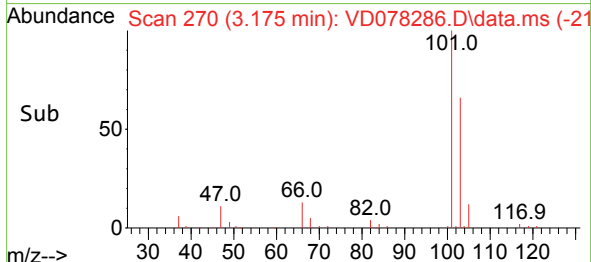
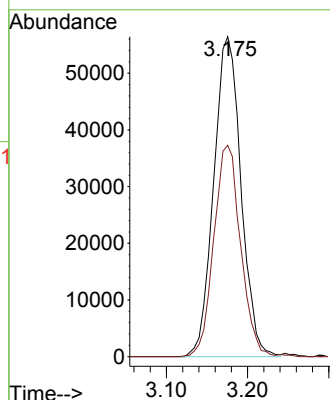
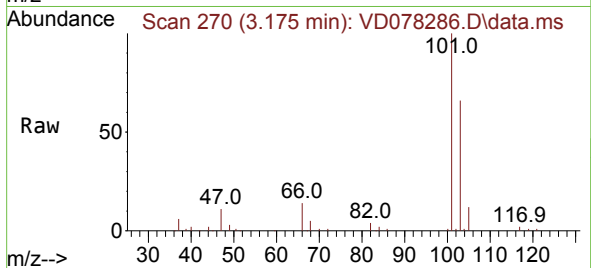




#7
 Trichlorofluoromethane
 Concen: 46.214 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078286.D
 Acq: 31 Jan 2024 11:18

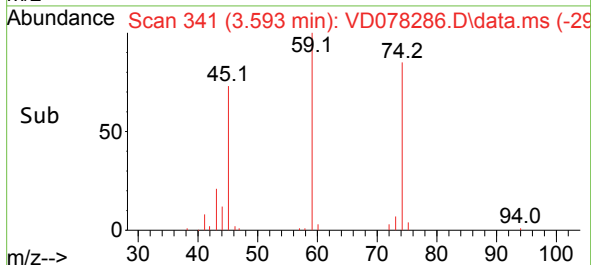
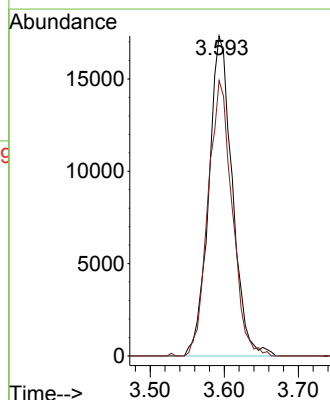
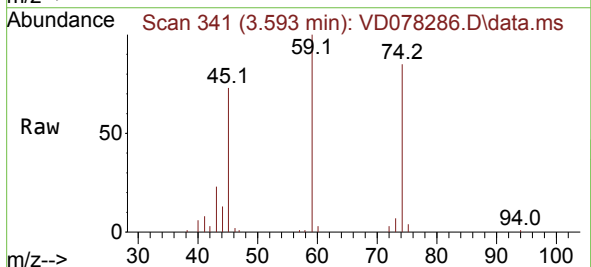
Instrument :
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 ClientSampleId :
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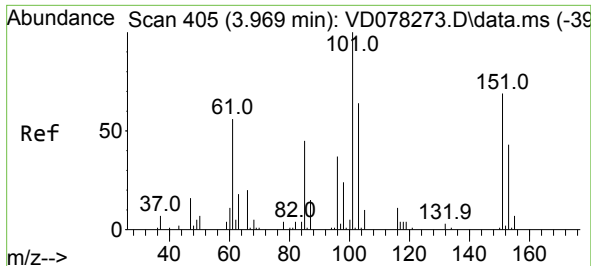
Tgt Ion:101 Resp: 131659
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 45.470 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078286.D
 Acq: 31 Jan 2024 11:18

Tgt Ion: 74 Resp: 38321
 Ion Ratio Lower Upper
 74 100
 45 88.0 37.5 112.7

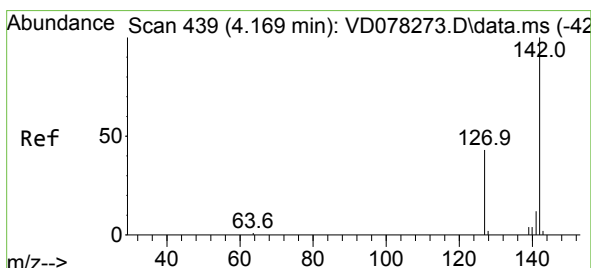
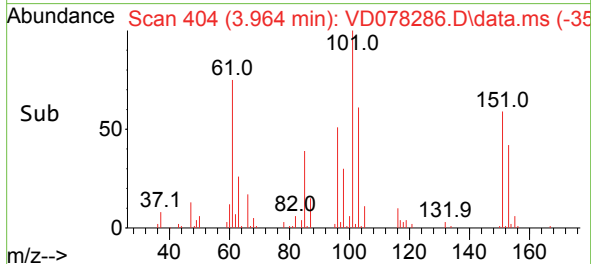
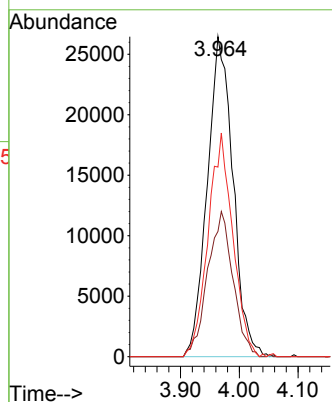
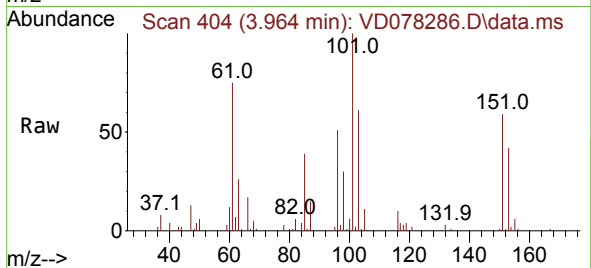




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.898 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078286.D
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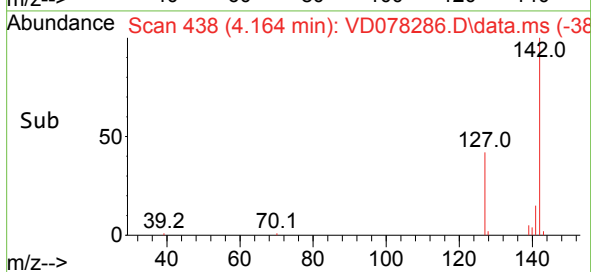
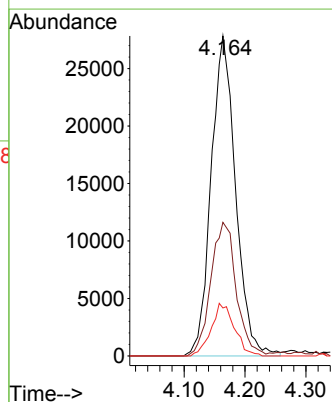
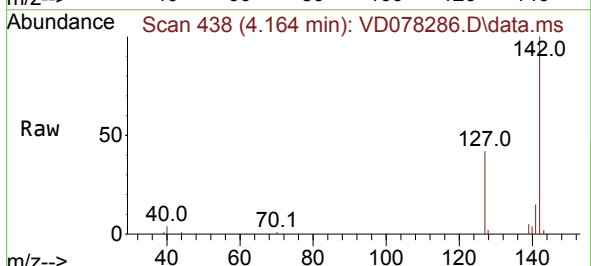
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

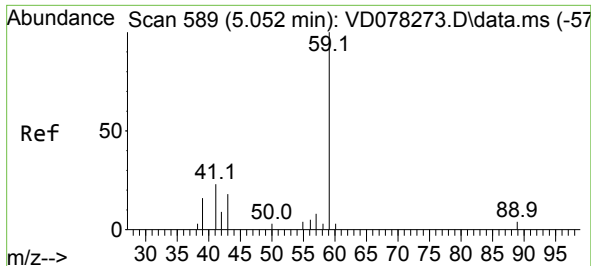
Tgt Ion:101	Resp:	80248
Ion Ratio	Lower	Upper
101	100	
85	44.9	33.8 50.6
151	67.4	59.8 89.6



#10
Methyl Iodide
Concen: 48.855 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion:142	Resp:	77701
Ion Ratio	Lower	Upper
142	100	
127	43.4	29.4 44.0
141	15.6	11.1 16.7





#11

Tert butyl alcohol

Concen: 213.224 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

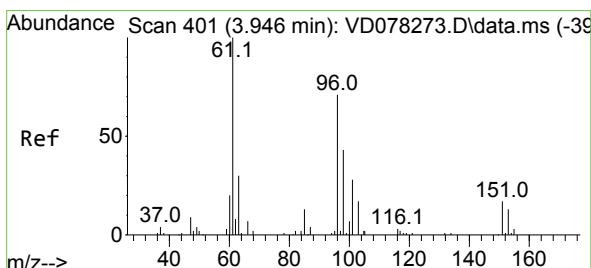
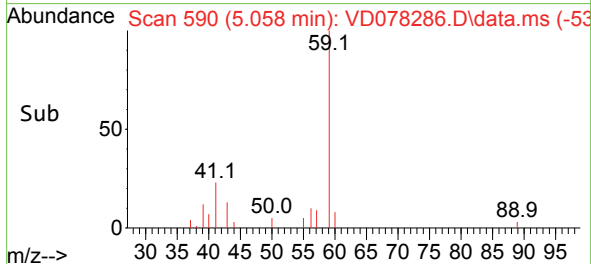
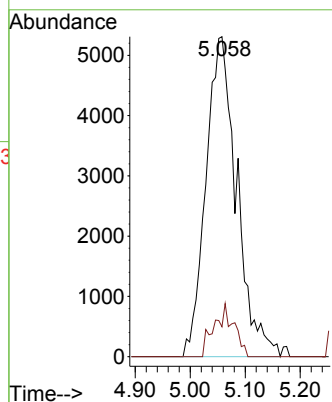
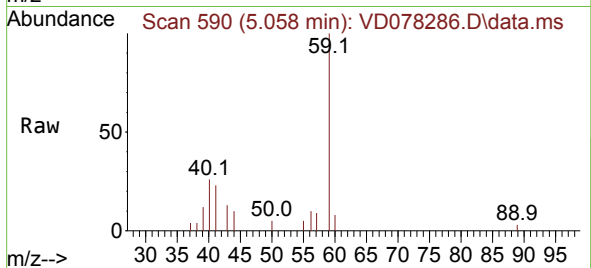
VSTDCCC050

Tgt Ion: 59 Resp: 20647

Ion Ratio Lower Upper

59 100

57 10.6 7.8 11.8



#12

1,1-Dichloroethene

Concen: 46.331 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

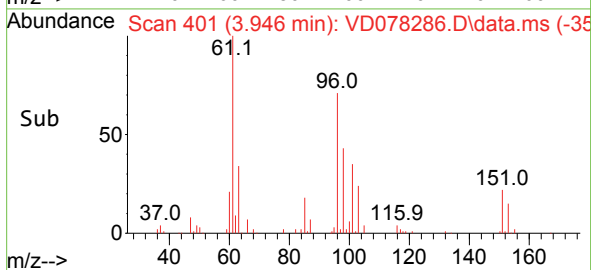
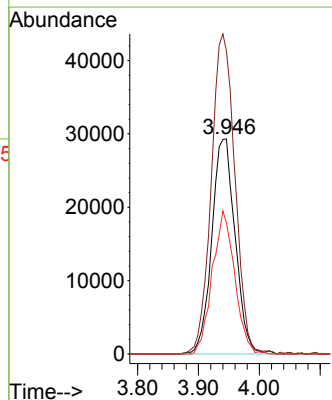
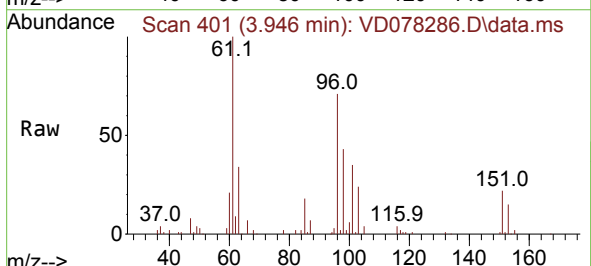
Tgt Ion: 96 Resp: 78162

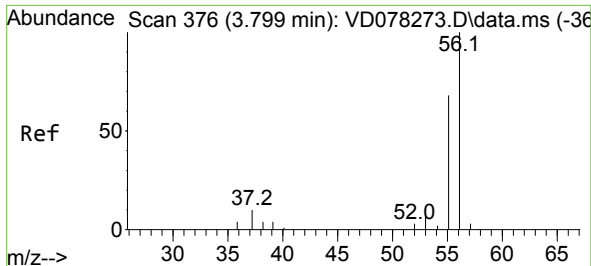
Ion Ratio Lower Upper

96 100

61 140.8 100.6 150.8

98 61.0 50.2 75.2





#13

Acrolein

Concen: 209.291 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

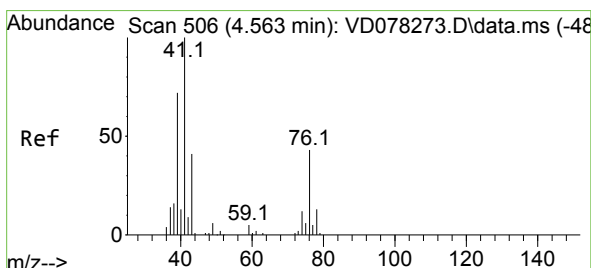
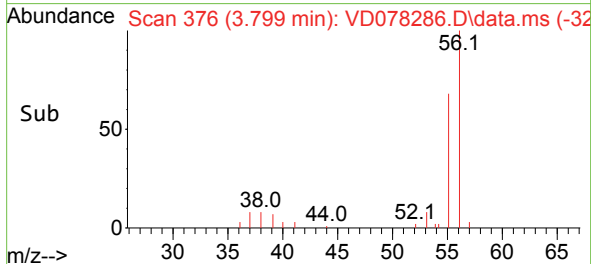
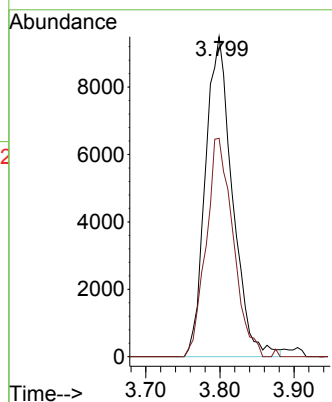
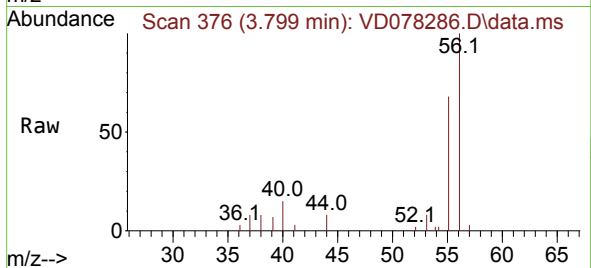
VSTDCCC050

Tgt Ion: 56 Resp: 24063

Ion Ratio Lower Upper

56 100

55 68.1 55.1 82.7



#14

Allyl chloride

Concen: 46.636 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

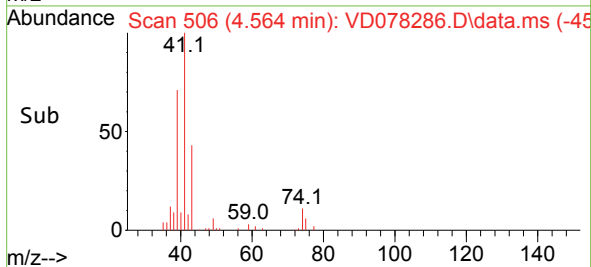
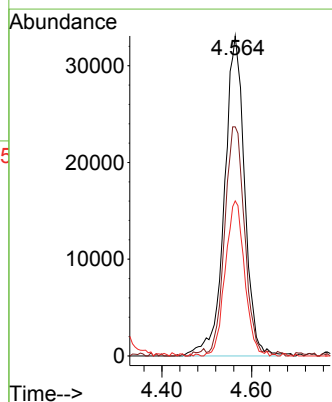
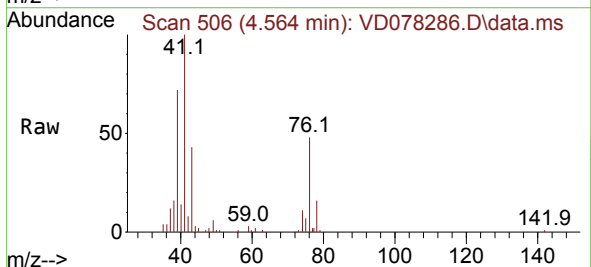
Tgt Ion: 41 Resp: 103730

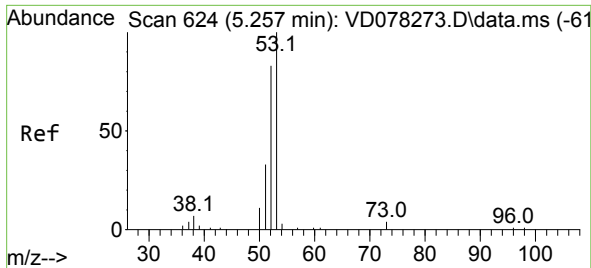
Ion Ratio Lower Upper

41 100

39 69.8 53.8 80.6

76 46.5 45.8 68.8

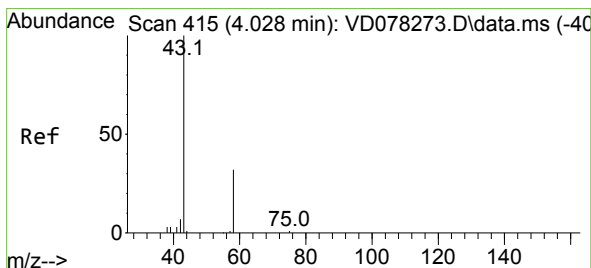
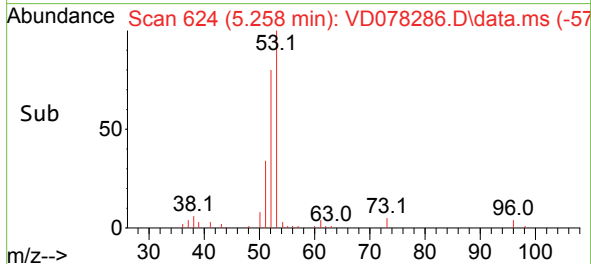
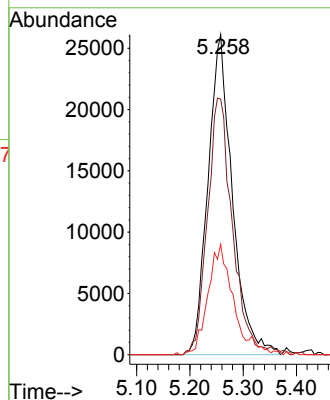
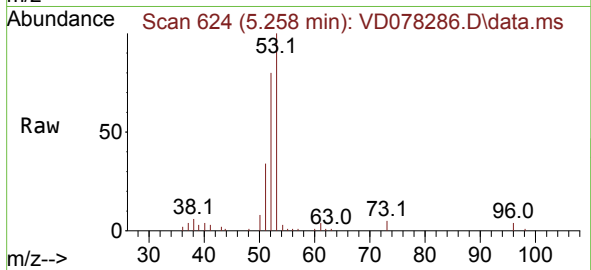




#15
Acrylonitrile
Concen: 222.346 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

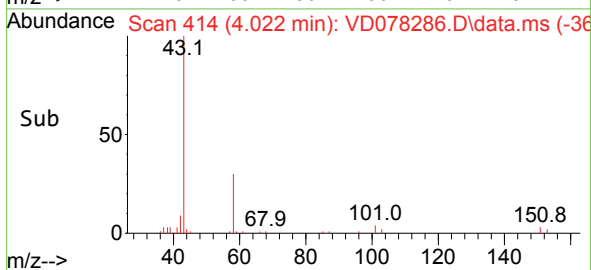
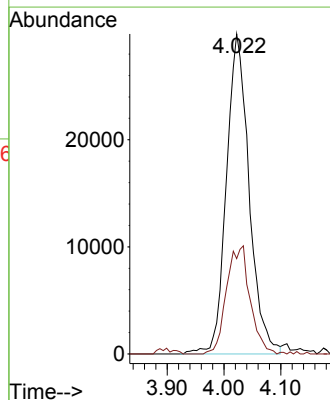
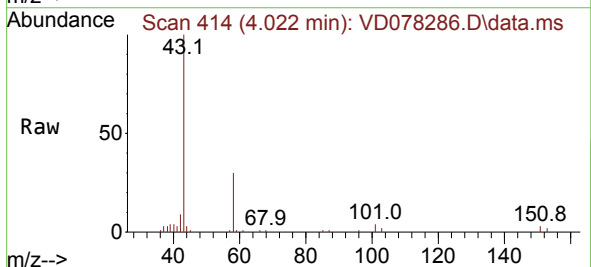
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

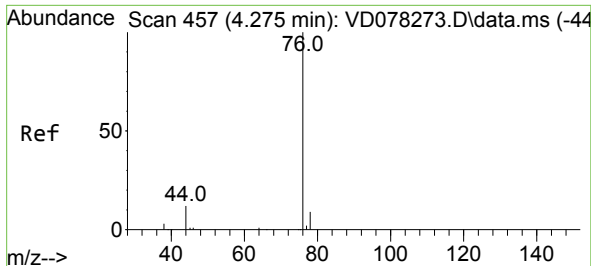
Tgt Ion: 53	Resp: 82827
Ion Ratio	Lower Upper
53 100	
52 82.4	65.0 97.4
51 36.2	28.3 42.5



#16
Acetone
Concen: 232.443 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 43	Resp: 83084
Ion Ratio	Lower Upper
43 100	
58 29.3	34.7 52.1#





#17

Carbon Disulfide

Concen: 45.525 ug/l

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

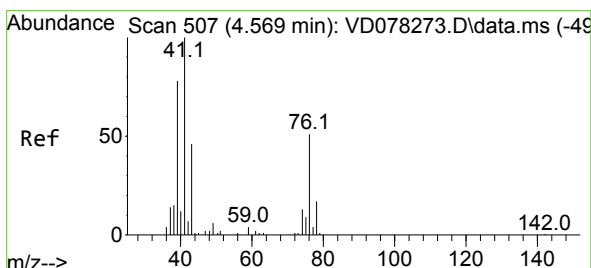
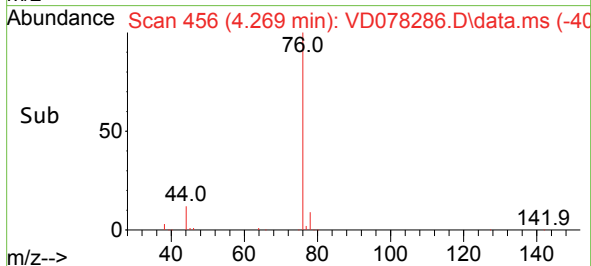
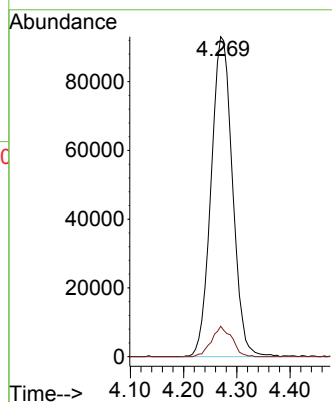
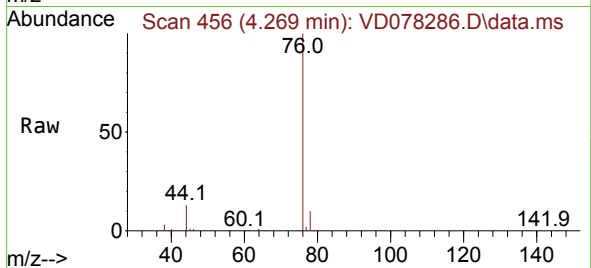
VSTDCCC050

Tgt Ion: 76 Resp: 259281

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 48.836 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078286.D

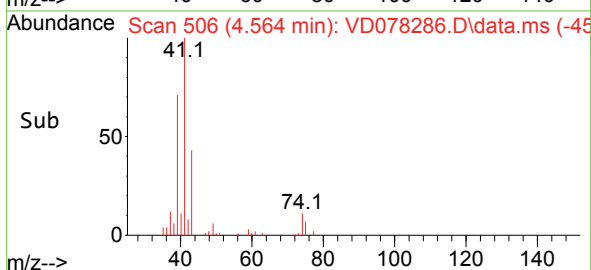
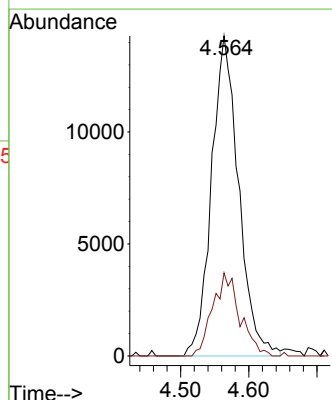
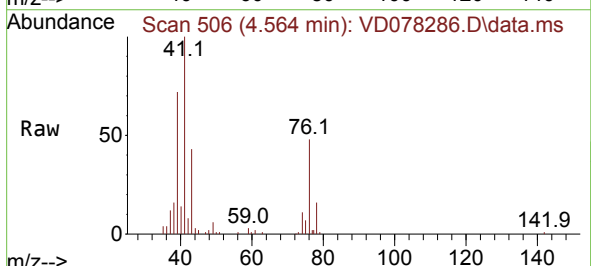
Acq: 31 Jan 2024 11:18

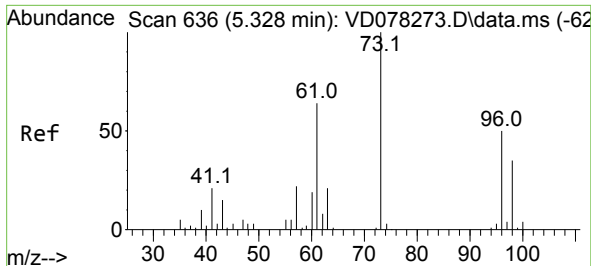
Tgt Ion: 43 Resp: 39515

Ion Ratio Lower Upper

43 100

74 26.1 26.4 39.6#

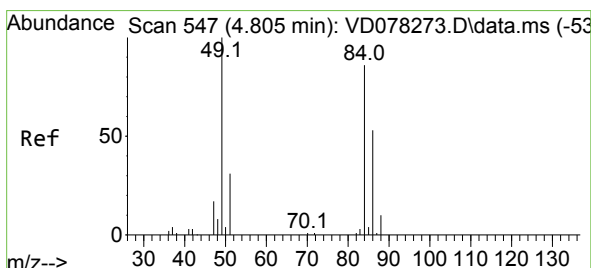
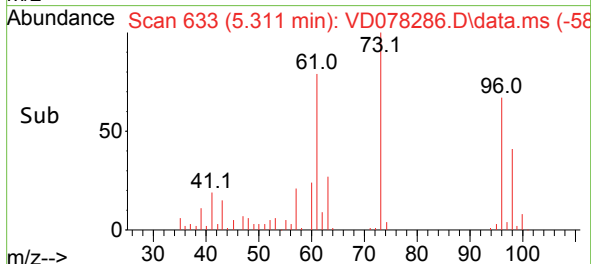
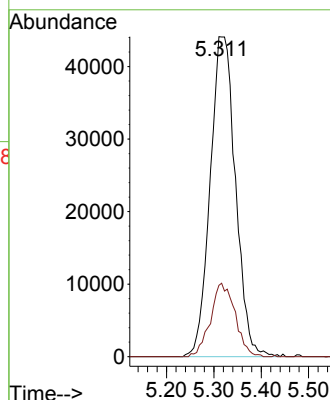
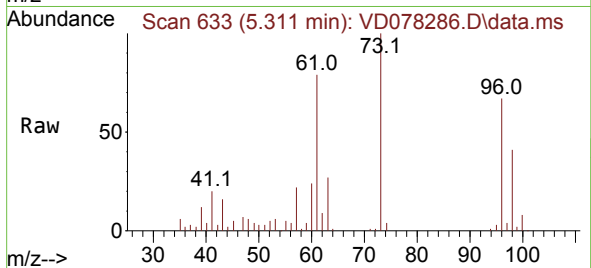




#19
Methyl tert-butyl Ether
Concen: 46.772 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.017 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

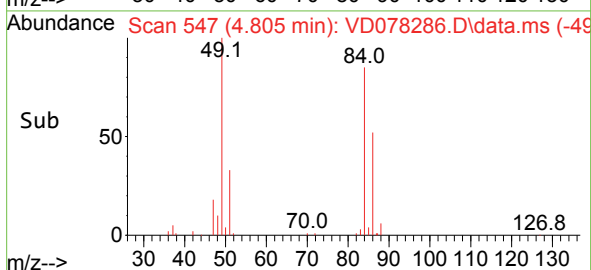
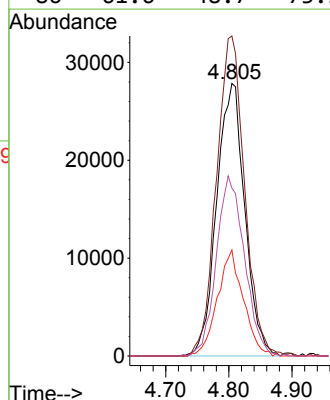
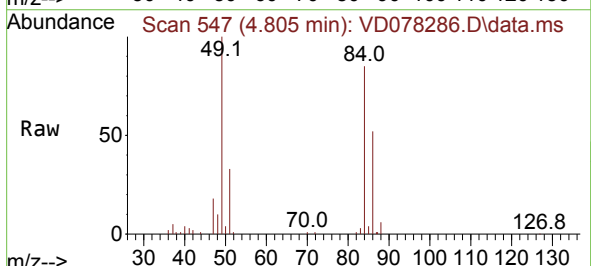
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

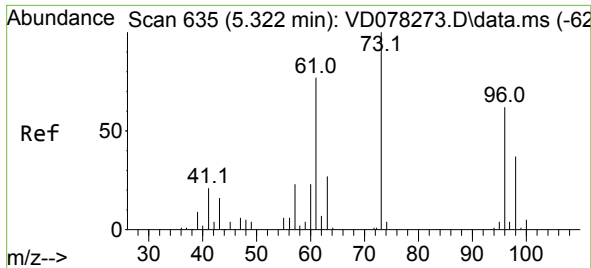
Tgt Ion: 73 Resp: 164101
Ion Ratio Lower Upper
73 100
57 22.3 16.6 25.0



#20
Methylene Chloride
Concen: 46.658 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 84 Resp: 86156
Ion Ratio Lower Upper
84 100
49 117.4 71.4 107.2#
51 38.9 24.5 36.7#
86 61.6 48.7 73.1

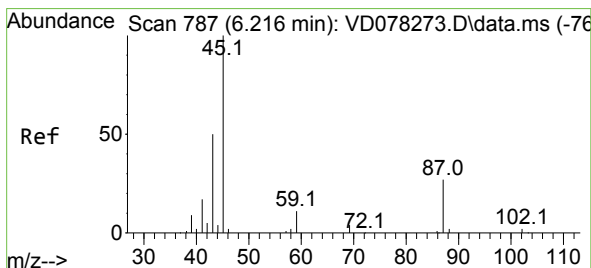
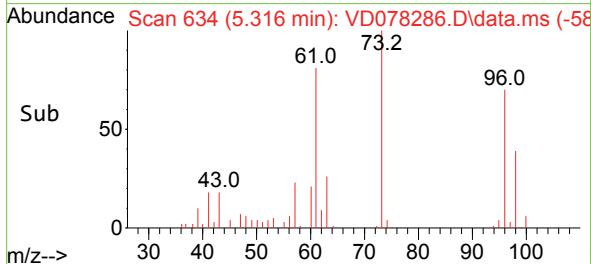
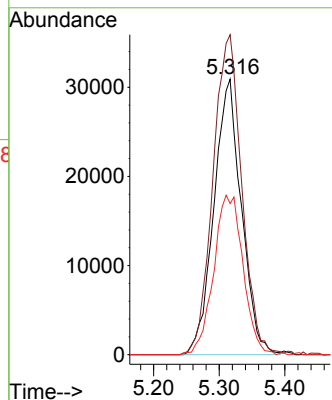
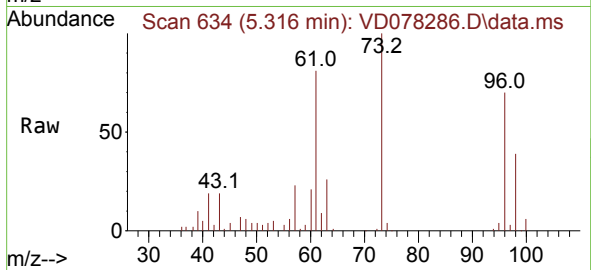




#21
trans-1,2-Dichloroethene
Concen: 47.191 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

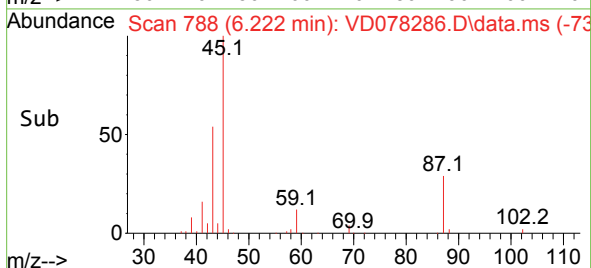
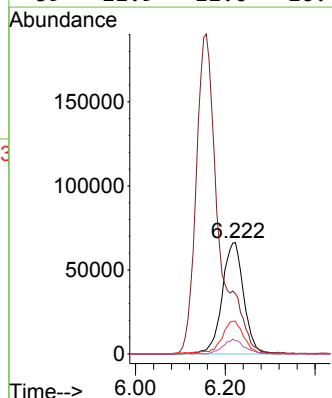
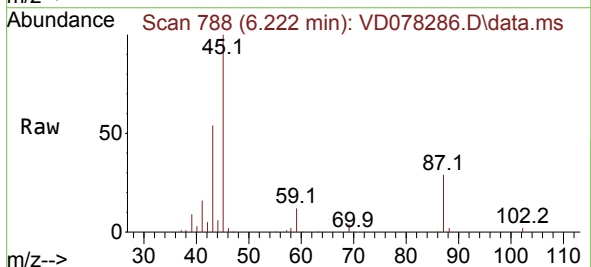
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

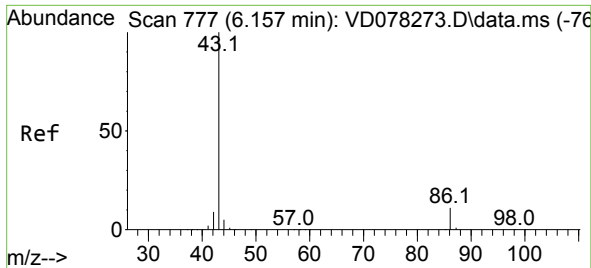
Tgt Ion: 96 Resp: 90015
Ion Ratio Lower Upper
96 100
61 116.2 89.3 133.9
98 54.9 48.6 73.0



#22
Diisopropyl ether
Concen: 46.754 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 45 Resp: 221280
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 29.1 28.2 42.4
59 11.9 11.0 16.4

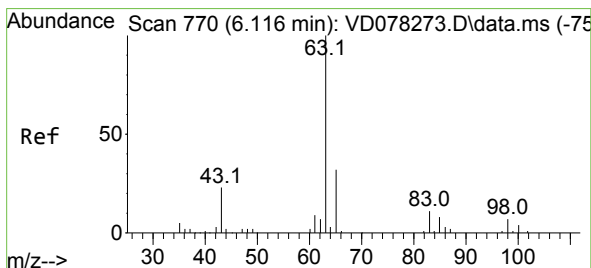
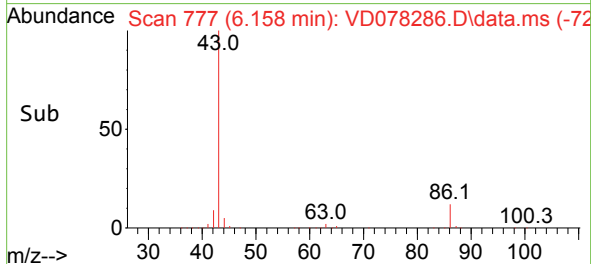
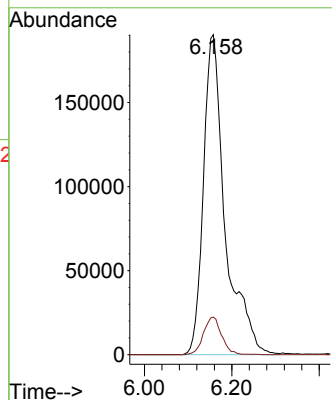
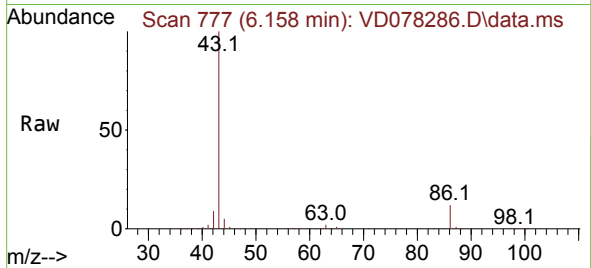




#23
 Vinyl Acetate
 Concen: 228.689 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078286.D
 Acq: 31 Jan 2024 11:18

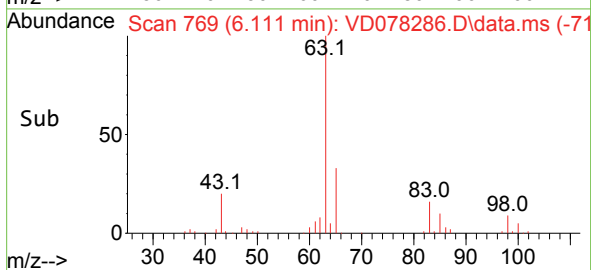
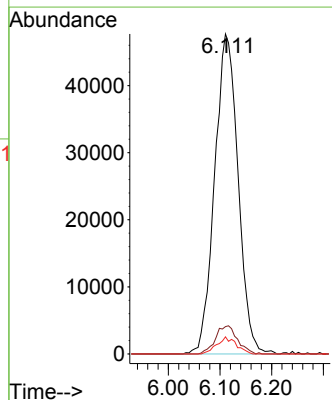
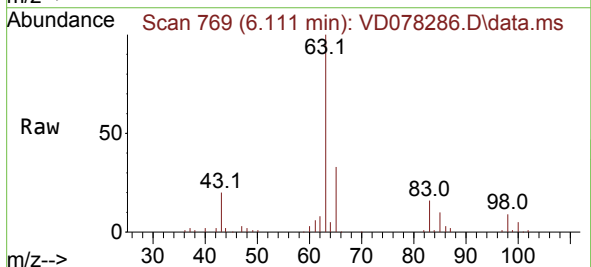
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

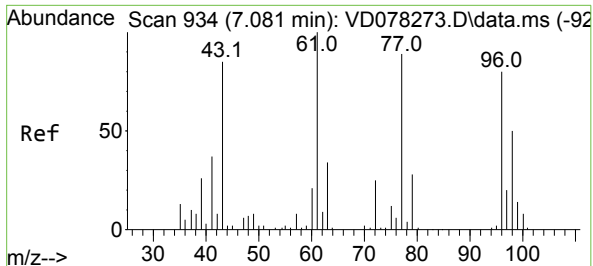
Tgt Ion: 43 Resp: 660344
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.827 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078286.D
 Acq: 31 Jan 2024 11:18

Tgt Ion: 63 Resp: 150151
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 214.391 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

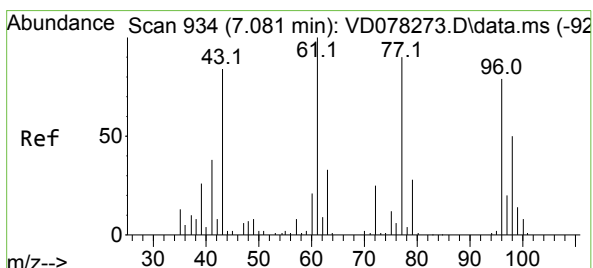
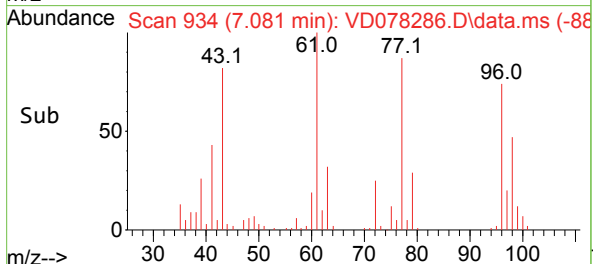
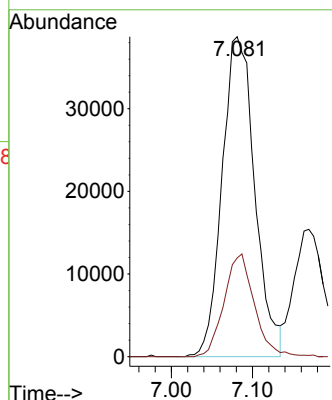
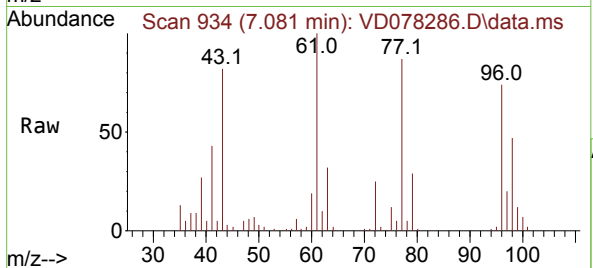
VSTDCCC050

Tgt Ion: 43 Resp: 108450

Ion Ratio Lower Upper

43 100

72 30.8 30.7 46.1



#26

2,2-Dichloropropane

Concen: 47.769 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078286.D

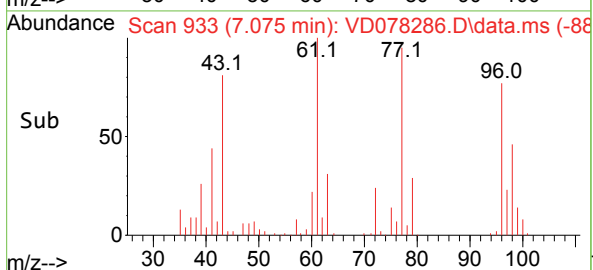
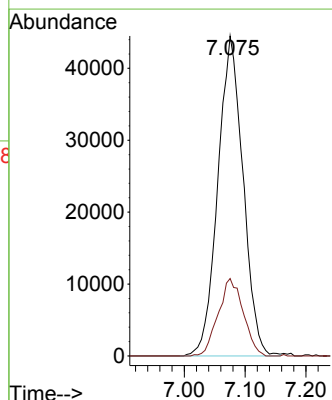
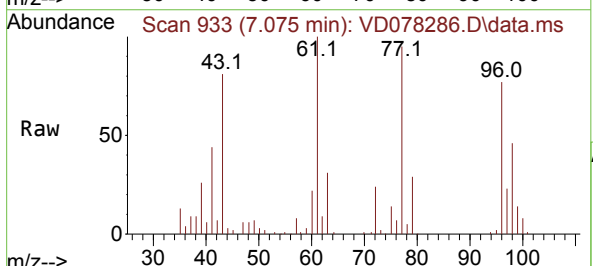
Acq: 31 Jan 2024 11:18

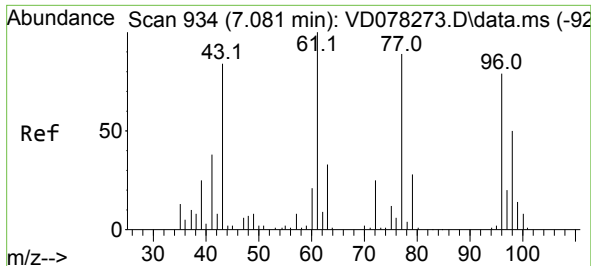
Tgt Ion: 77 Resp: 127850

Ion Ratio Lower Upper

77 100

97 24.0 13.2 39.6

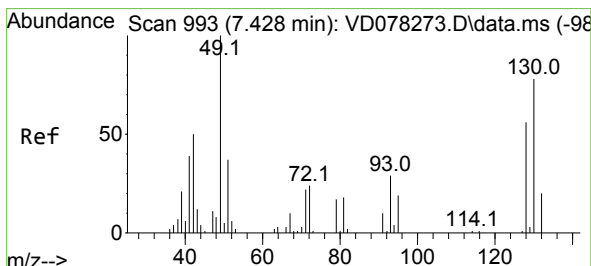
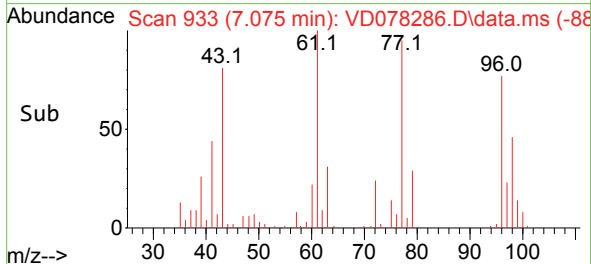
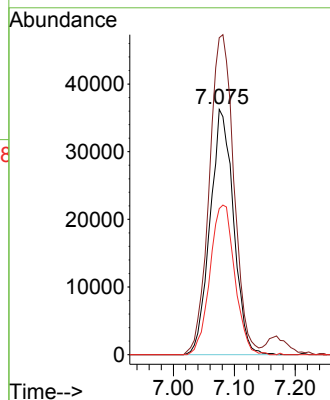
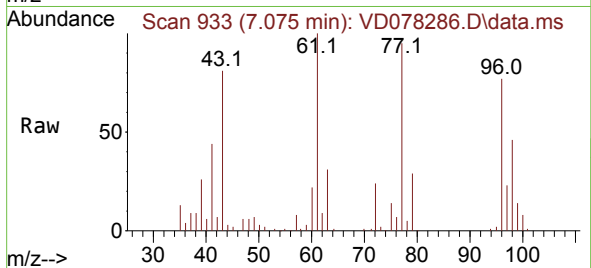




#27
cis-1,2-Dichloroethene
Concen: 45.812 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

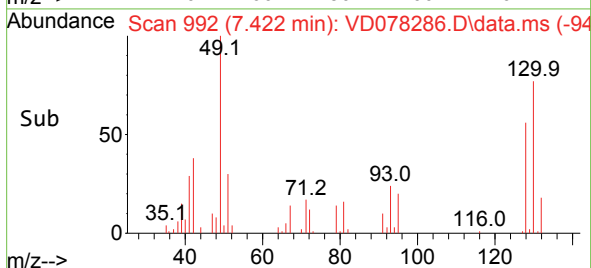
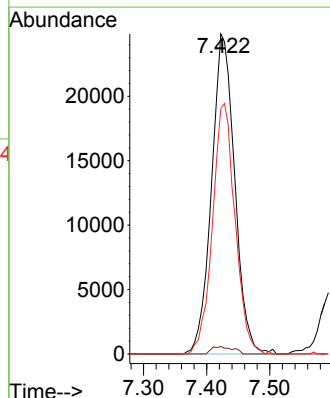
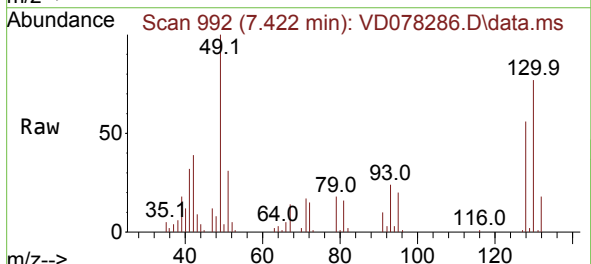
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

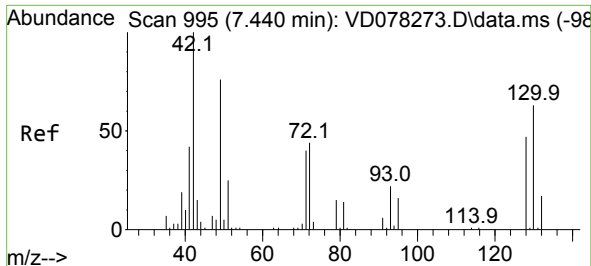
Tgt Ion: 96 Resp: 96851
Ion Ratio Lower Upper
96 100
61 136.9 0.0 239.2
98 64.4 0.0 128.6



#28
Bromochloromethane
Concen: 54.185 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 49 Resp: 63322
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 76.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 215.702 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

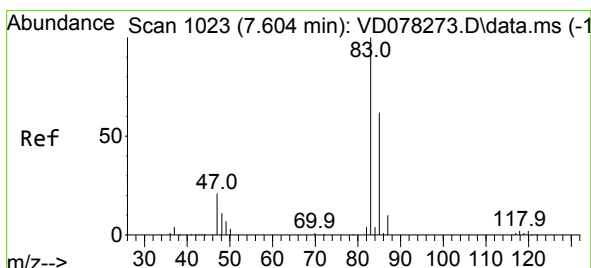
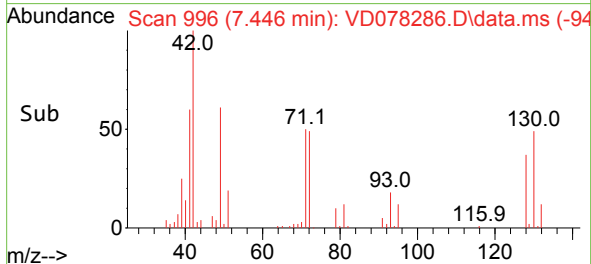
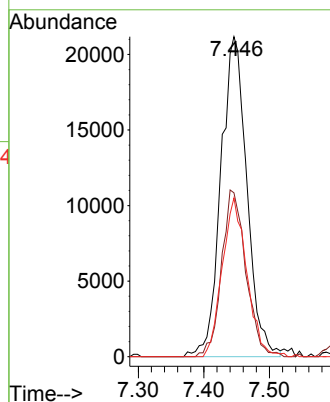
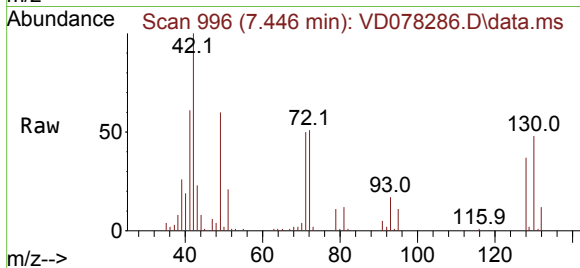
Tgt Ion: 42 Resp: 58372

Ion Ratio Lower Upper

42 100

72 48.6 46.5 69.7

71 46.7 44.5 66.7



#30

Chloroform

Concen: 46.414 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078286.D

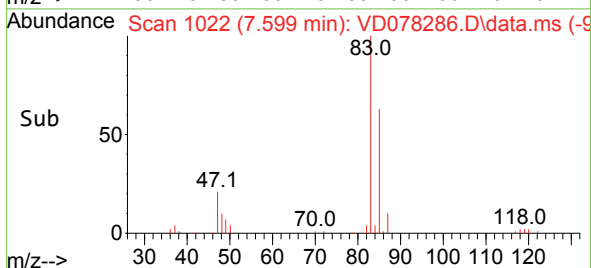
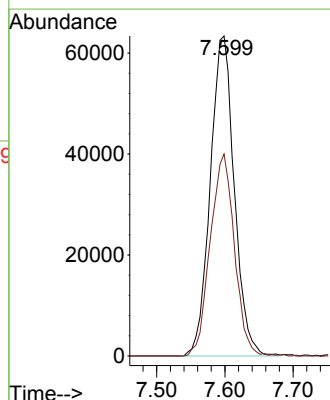
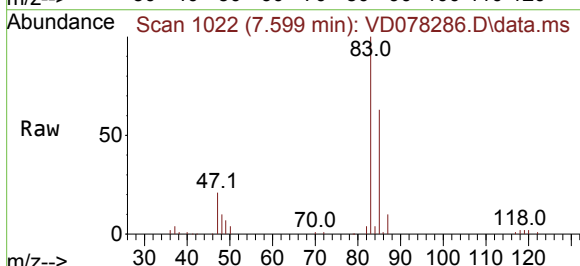
Acq: 31 Jan 2024 11:18

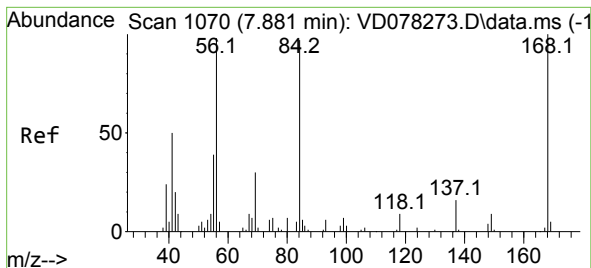
Tgt Ion: 83 Resp: 155488

Ion Ratio Lower Upper

83 100

85 63.1 53.4 80.2





#31

Cyclohexane

Concen: 45.137 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

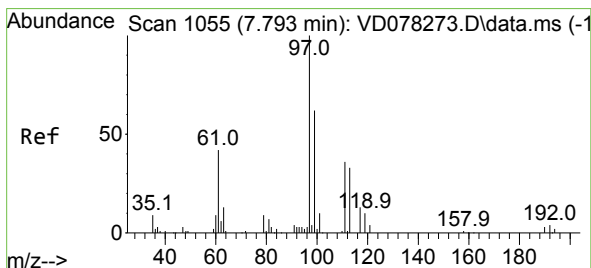
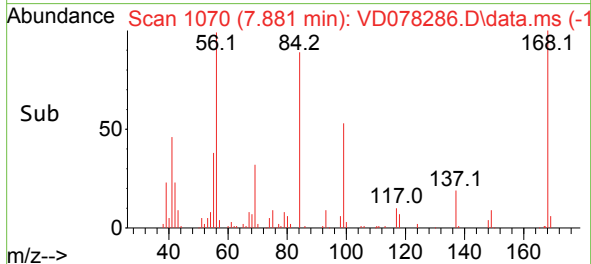
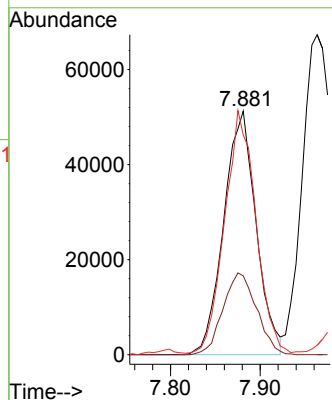
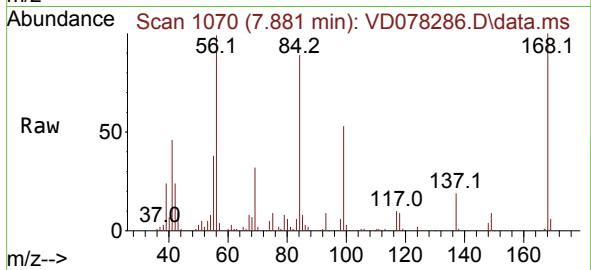
Tgt Ion: 56 Resp: 128330

Ion Ratio Lower Upper

56 100

69 32.4 28.6 43.0

84 89.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 46.927 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

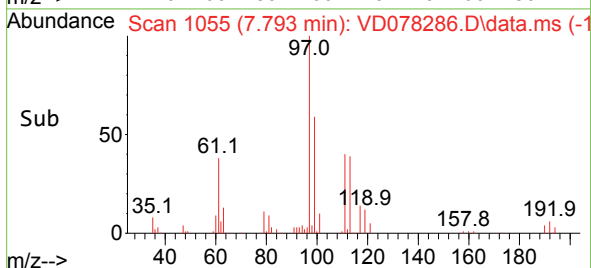
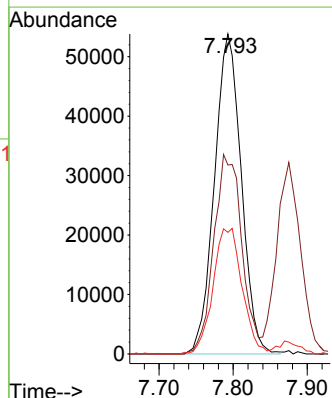
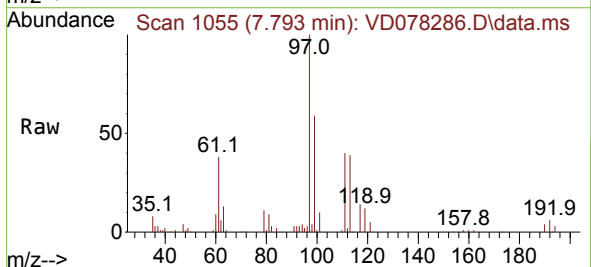
Tgt Ion: 97 Resp: 135484

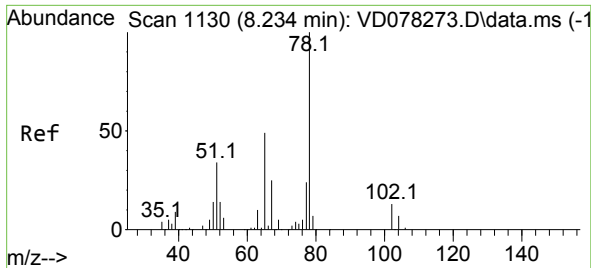
Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 42.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.031 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

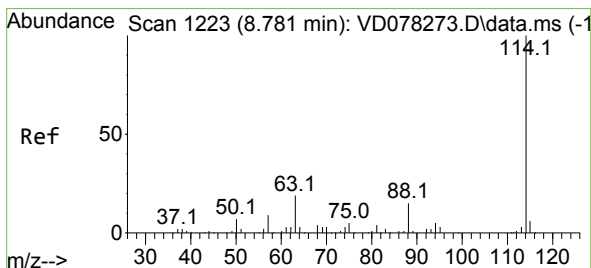
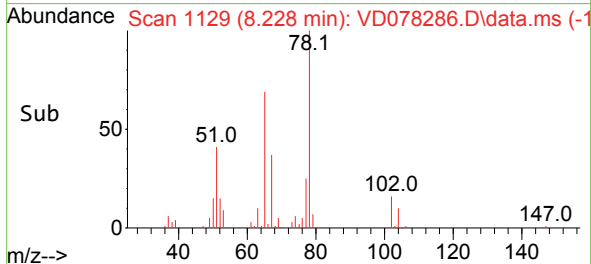
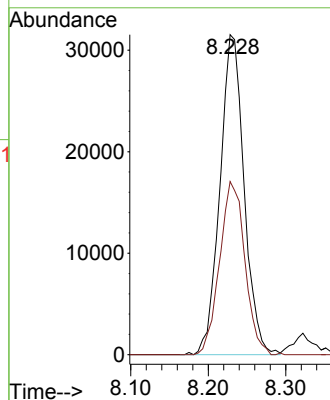
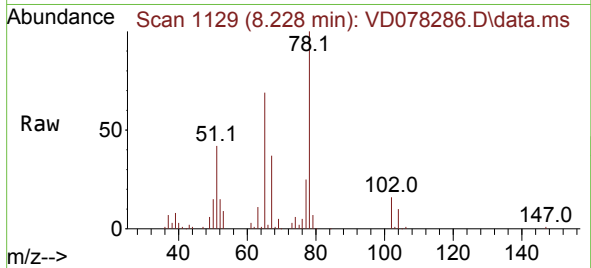
VSTDCCC050

Tgt Ion: 65 Resp: 68360

Ion Ratio Lower Upper

65 100

67 56.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

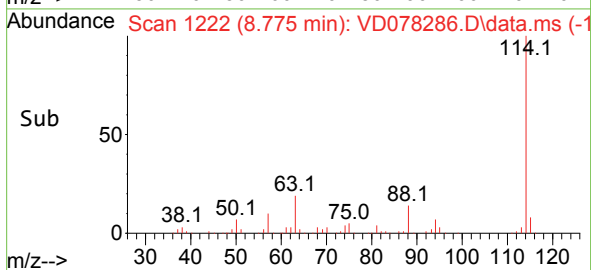
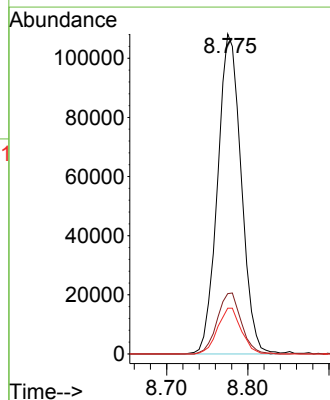
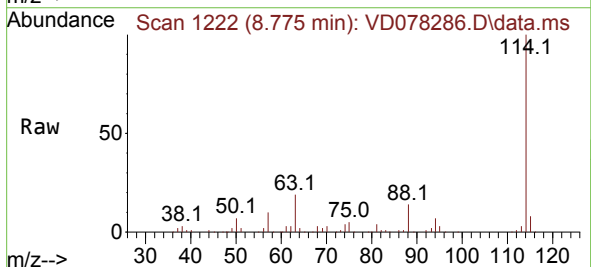
Tgt Ion:114 Resp: 219009

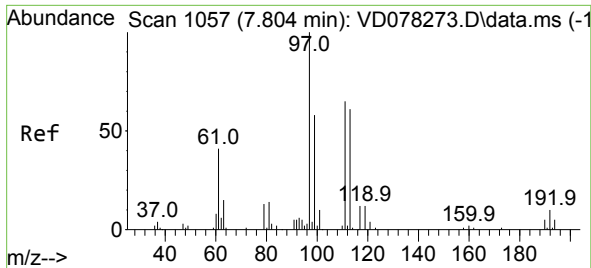
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.3 0.0 26.2

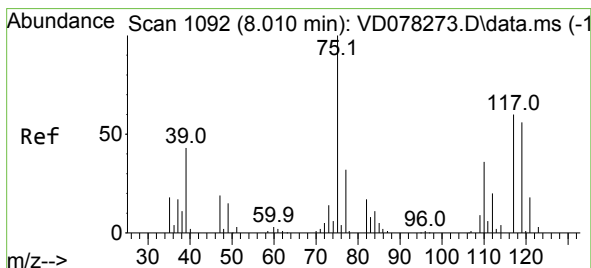
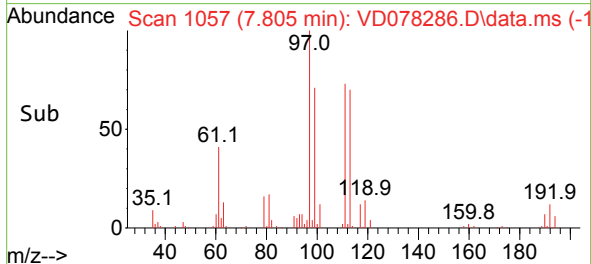
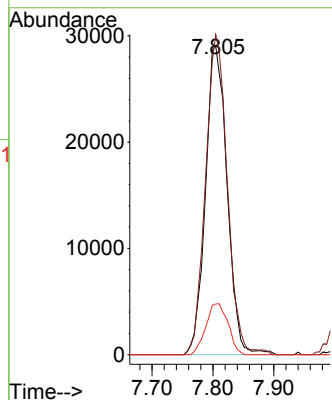
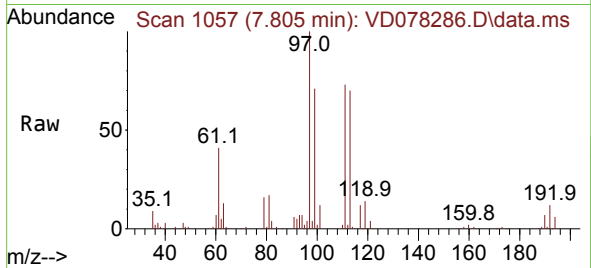




#35
Dibromofluoromethane
Concen: 46.064 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

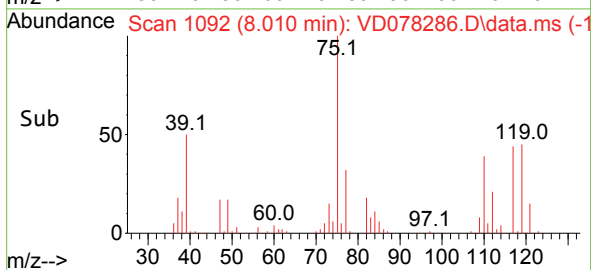
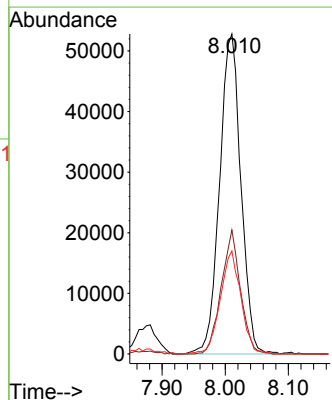
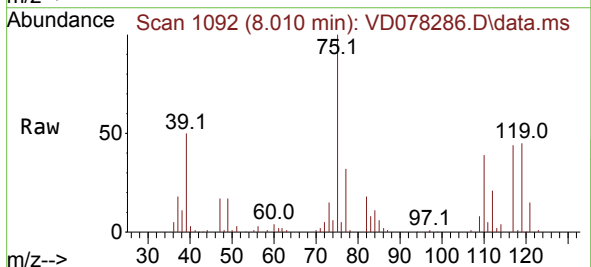
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

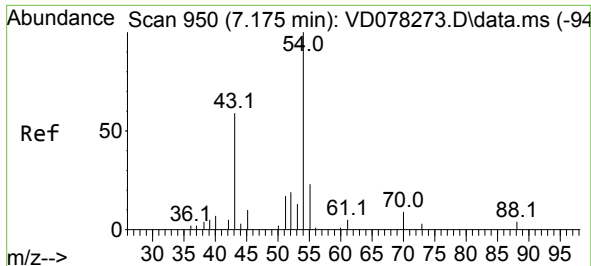
Tgt Ion:113 Resp: 71823
Ion Ratio Lower Upper
113 100
111 103.9 84.7 127.1
192 16.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 47.875 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 75 Resp: 123781
Ion Ratio Lower Upper
75 100
110 34.9 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 40.062 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

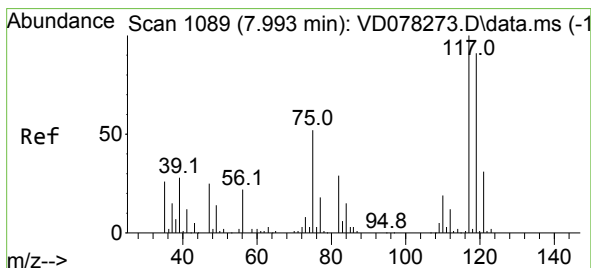
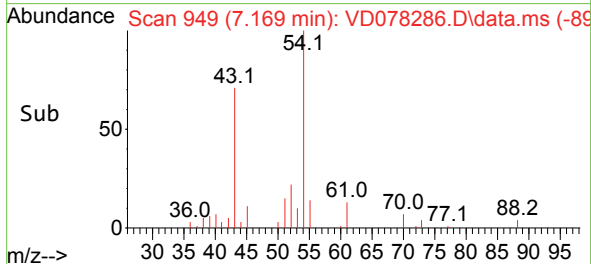
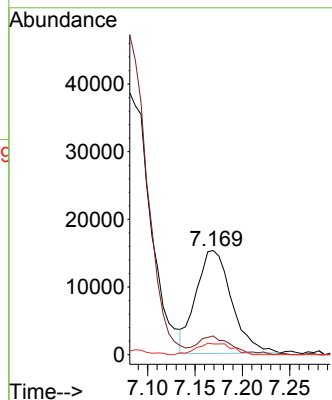
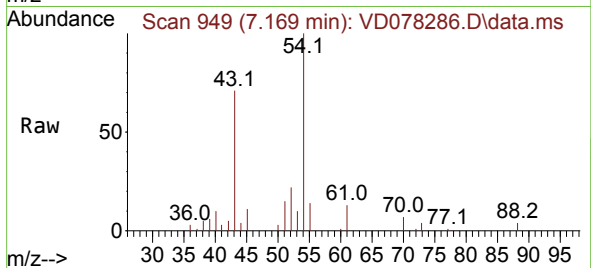
Tgt Ion: 43 Resp: 39866

Ion Ratio Lower Upper

43 100

61 17.3 14.9 22.3

70 11.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 46.080 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

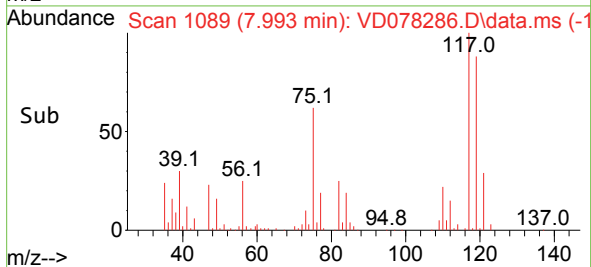
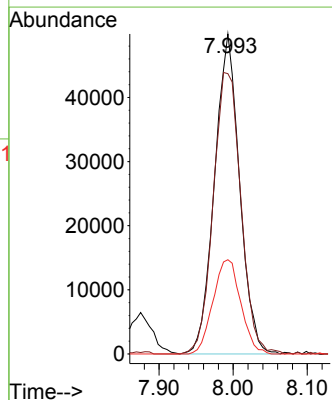
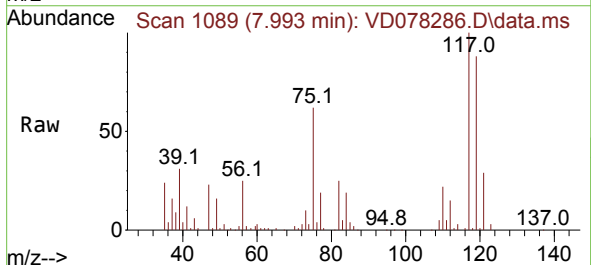
Tgt Ion:117 Resp: 117148

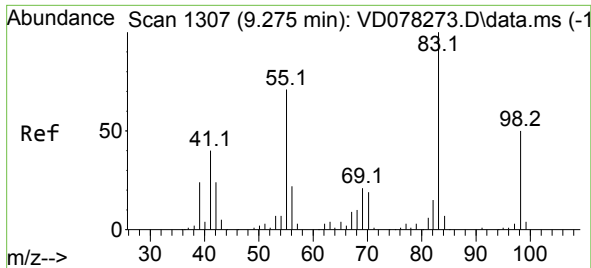
Ion Ratio Lower Upper

117 100

119 87.6 78.0 117.0

121 29.5 24.2 36.2

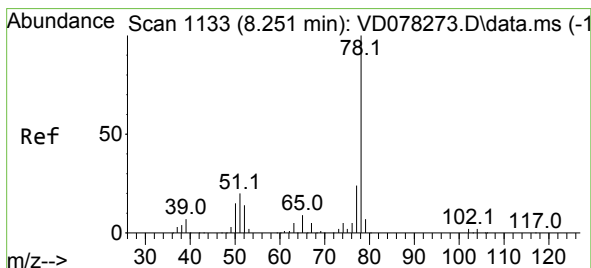
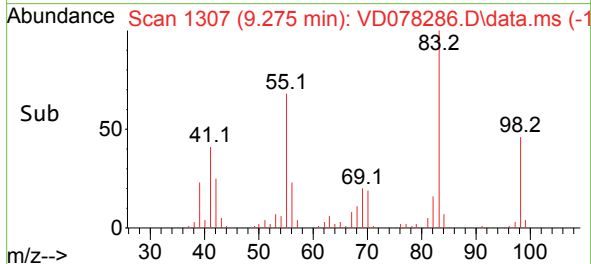
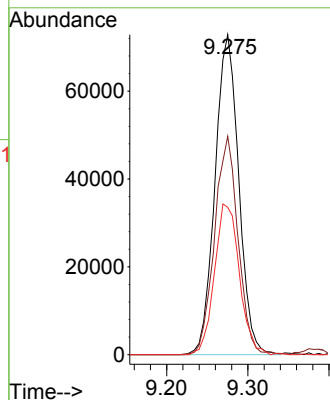
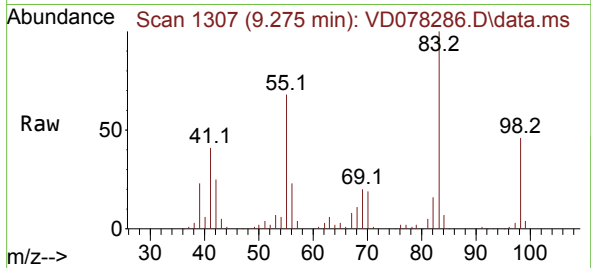




#39
Methylcyclohexane
Concen: 48.404 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

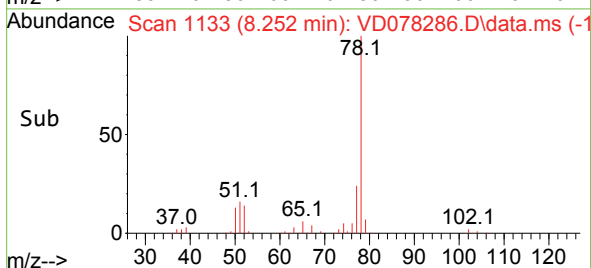
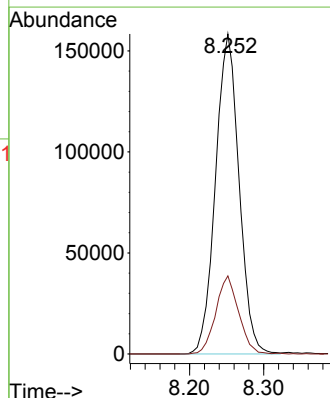
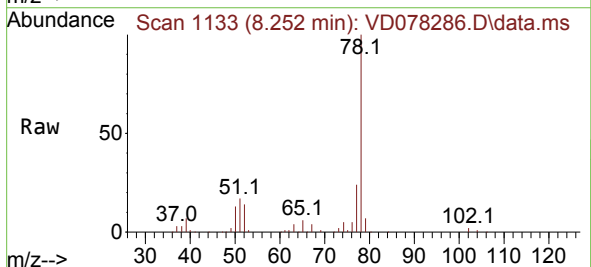
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

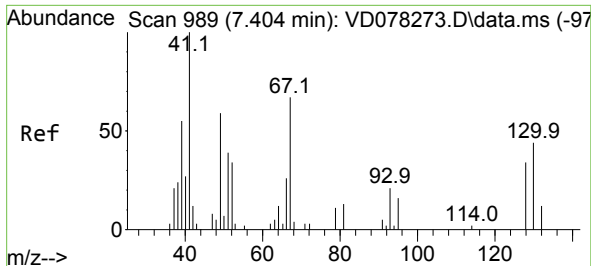
Tgt Ion: 83 Resp: 147967
Ion Ratio Lower Upper
83 100
55 68.2 49.4 74.0
98 46.1 38.4 57.6



#40
Benzene
Concen: 46.260 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 78 Resp: 348984
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

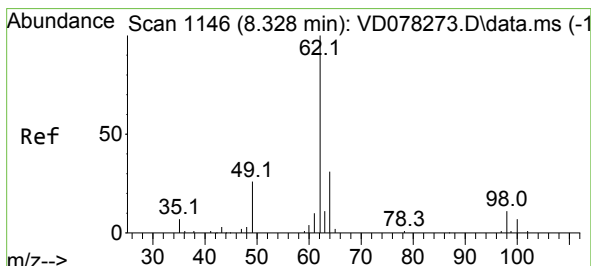
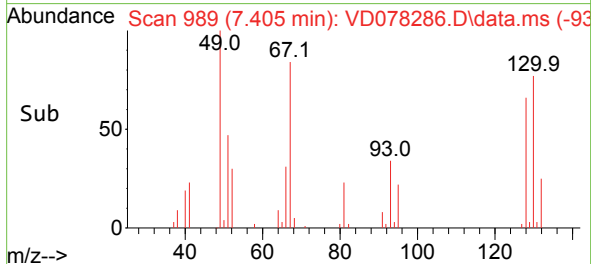
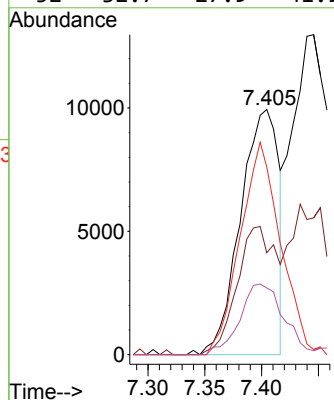
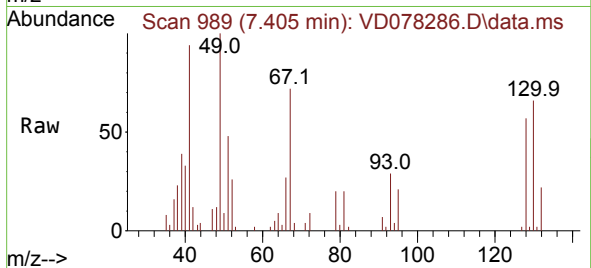




#41
Methacrylonitrile
Concen: 43.580 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

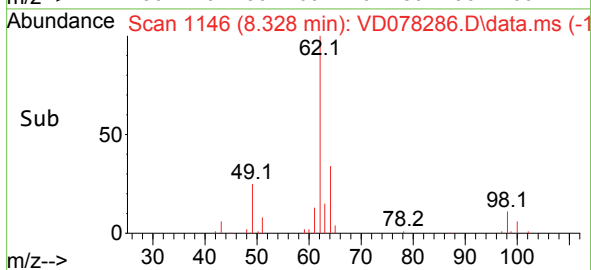
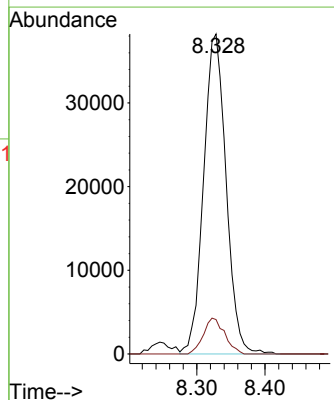
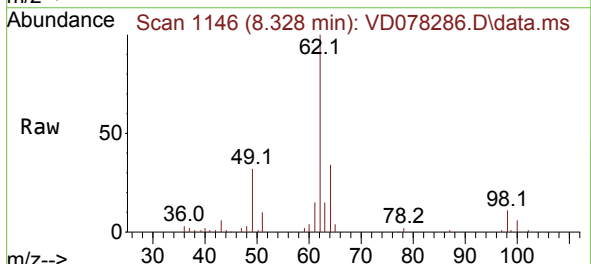
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

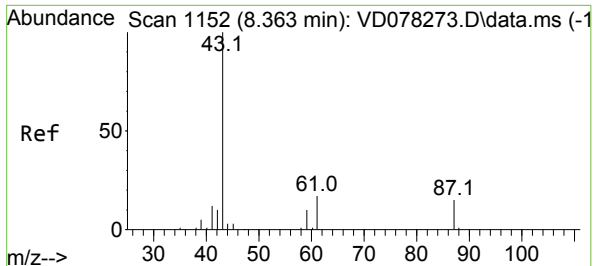
Tgt Ion: 41 Resp: 23315
Ion Ratio Lower Upper
41 100
39 53.3 34.0 51.0#
67 91.5 77.0 115.4
52 32.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 44.900 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 62 Resp: 87854
Ion Ratio Lower Upper
62 100
98 10.6 0.0 25.4

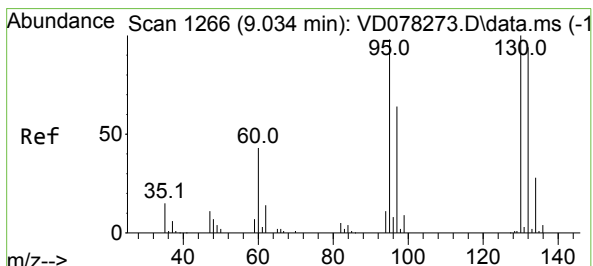
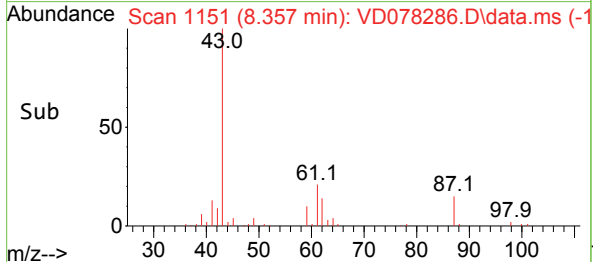
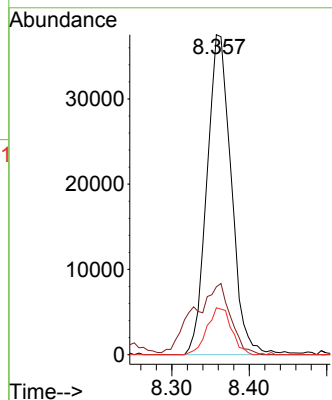
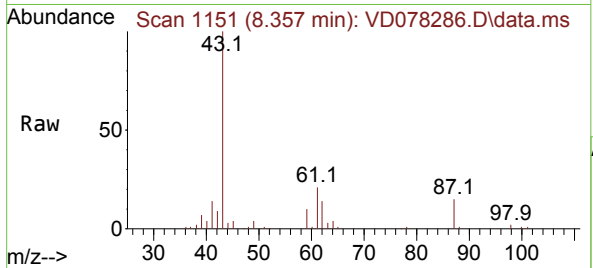




#43
Isopropyl Acetate
Concen: 45.823 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

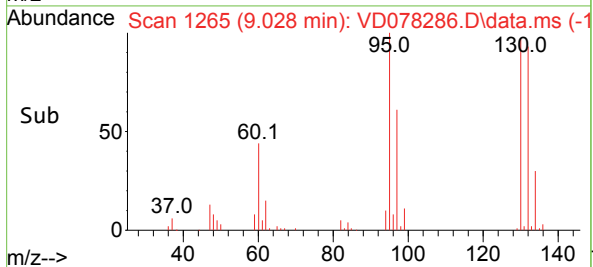
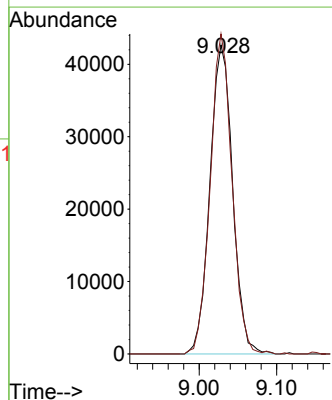
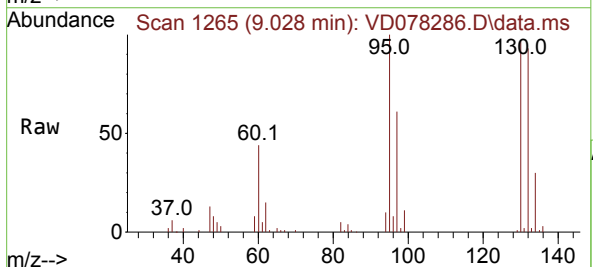
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

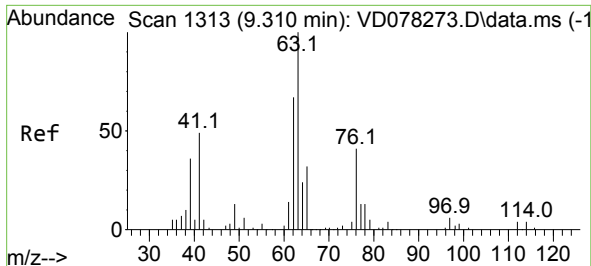
Tgt Ion: 43 Resp: 81758
Ion Ratio Lower Upper
43 100
61 33.7 31.4 47.0
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 46.956 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion:130 Resp: 86984
Ion Ratio Lower Upper
130 100
95 103.6 0.0 179.2

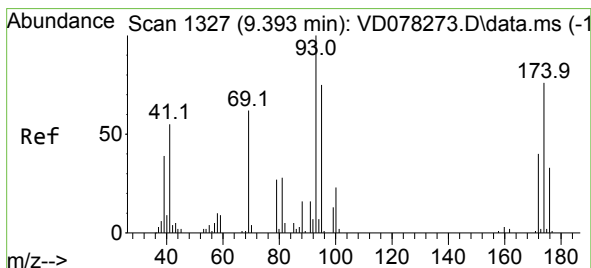
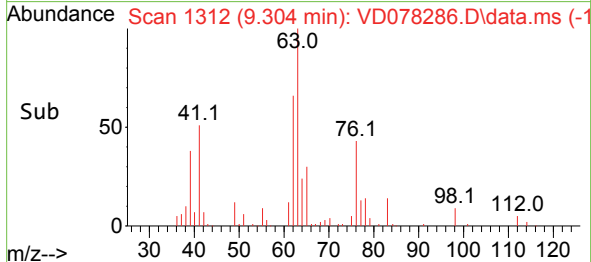
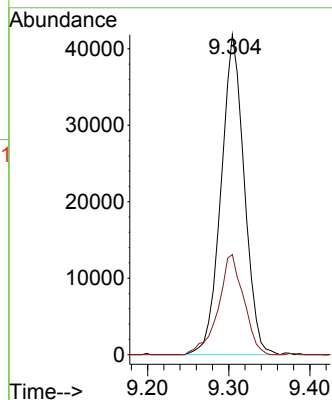
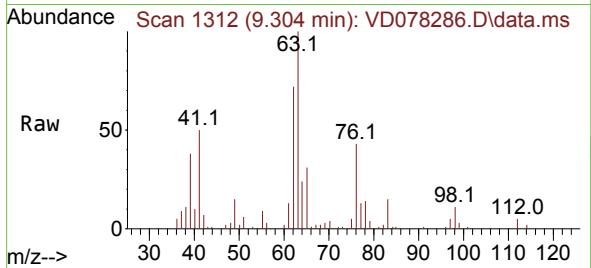




#45
1,2-Dichloropropane
Concen: 45.001 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

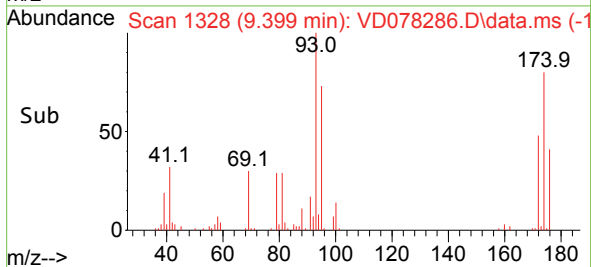
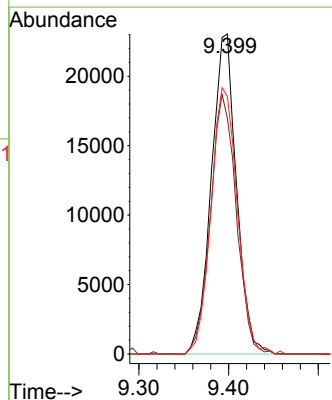
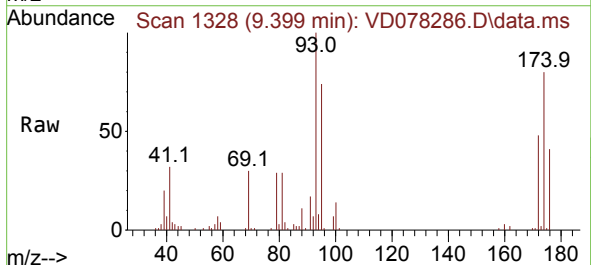
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

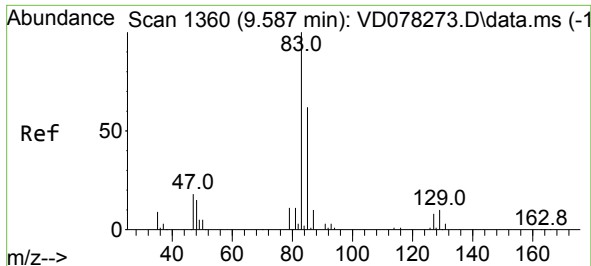
Tgt Ion: 63 Resp: 83006
Ion Ratio Lower Upper
63 100
65 31.3 24.5 36.7



#46
Dibromomethane
Concen: 43.748 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 93 Resp: 44772
Ion Ratio Lower Upper
93 100
95 83.2 67.7 101.5
174 87.7 85.4 128.2

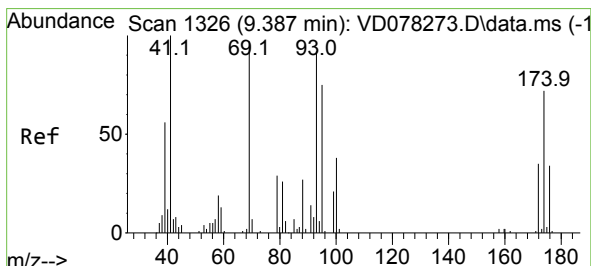
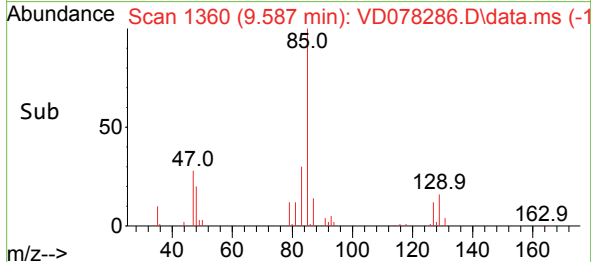
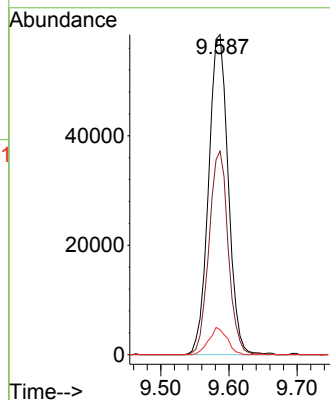
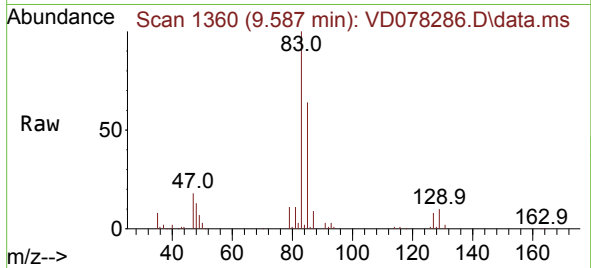




#47
Bromodichloromethane
Concen: 46.493 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

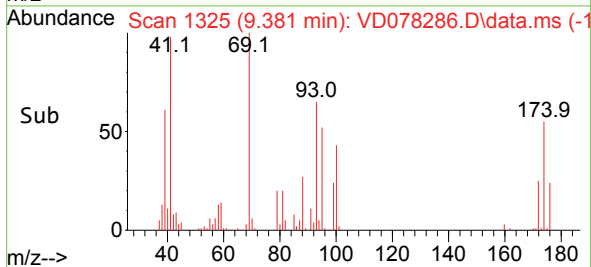
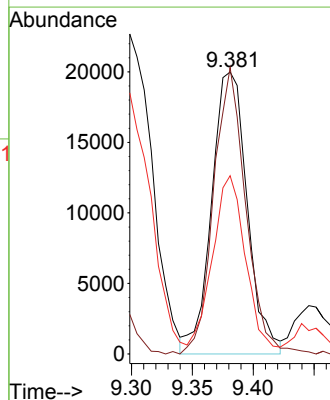
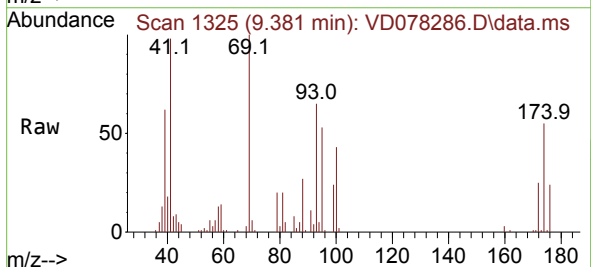
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

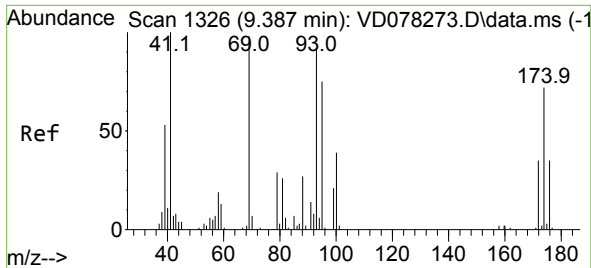
Tgt Ion: 83 Resp: 117065
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 47.773 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 41 Resp: 40731
Ion Ratio Lower Upper
41 100
69 91.5 102.2 153.2#
39 54.5 41.4 62.2





#49

1,4-Dioxane

Concen: 869.849 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

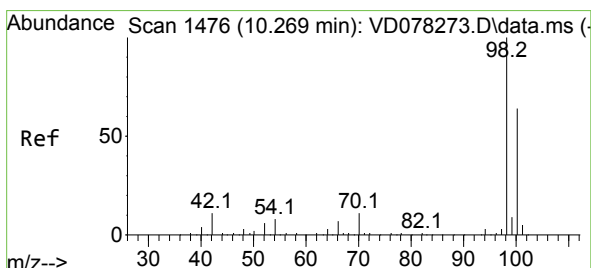
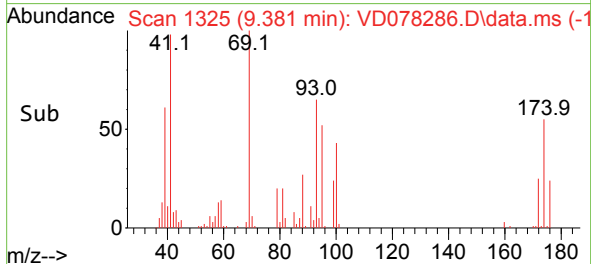
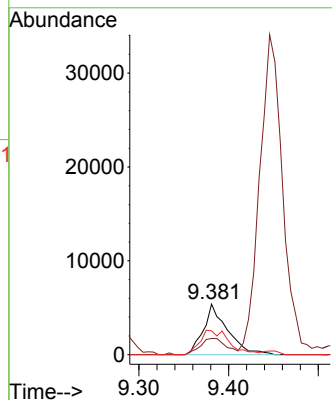
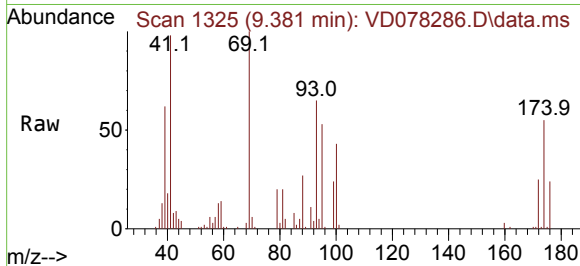
Tgt Ion: 88 Resp: 9986

Ion Ratio Lower Upper

88 100

43 35.1 19.0 28.6#

58 59.3 43.5 65.3



#50

Toluene-d8

Concen: 48.157 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078286.D

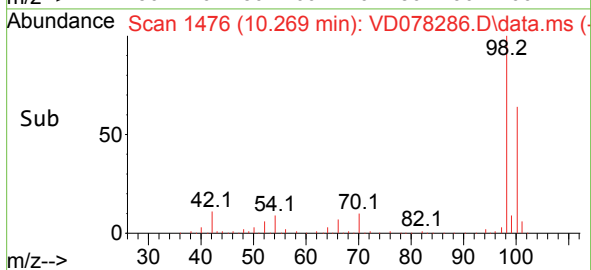
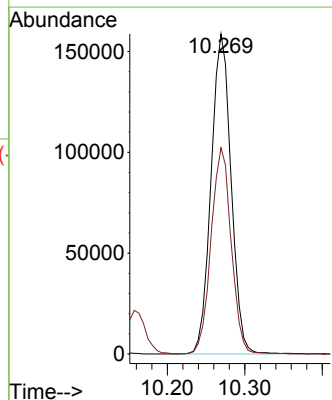
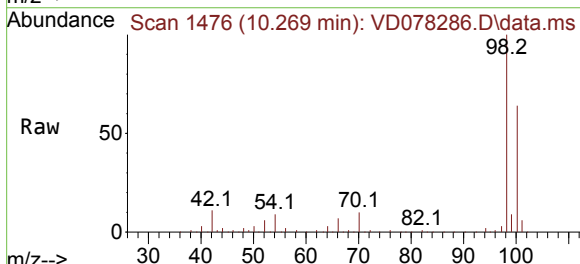
Acq: 31 Jan 2024 11:18

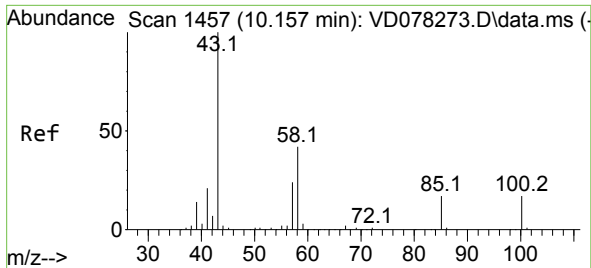
Tgt Ion: 98 Resp: 284281

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

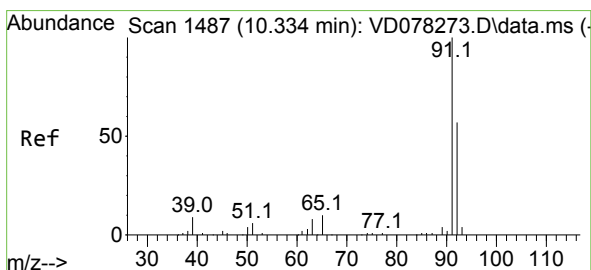
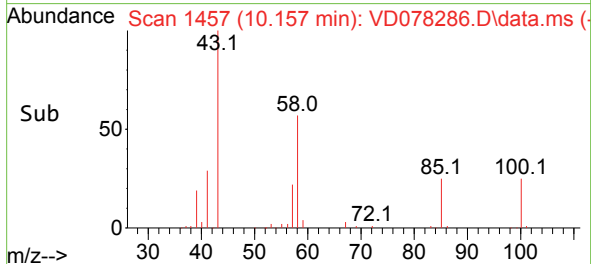
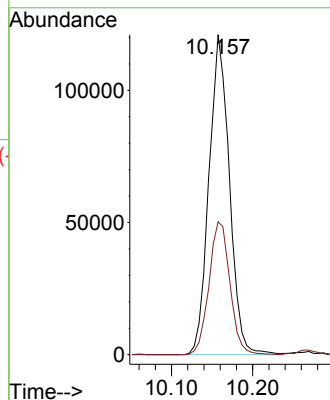
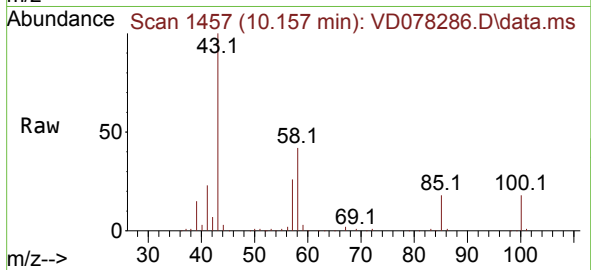




#51
4-Methyl-2-Pentanone
Concen: 219.230 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

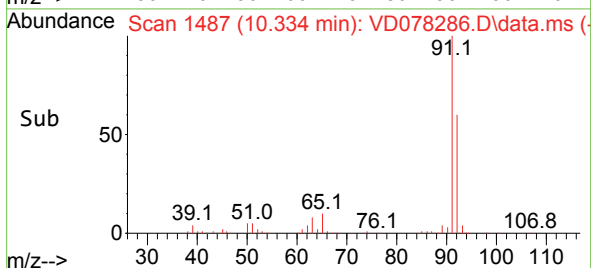
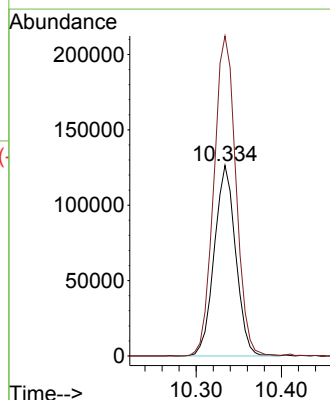
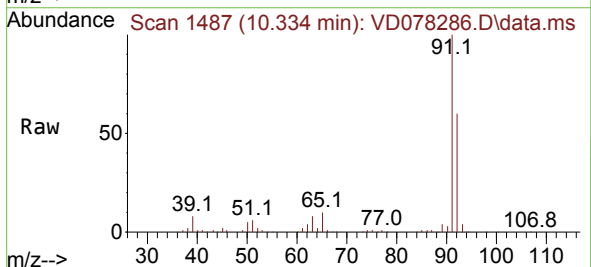
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

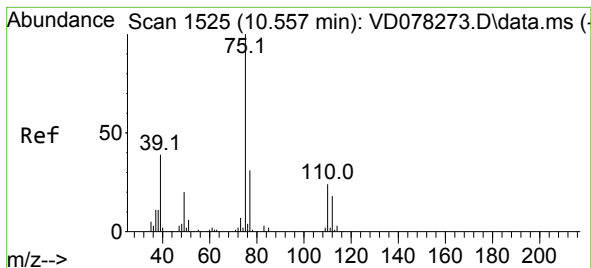
Tgt Ion: 43 Resp: 211602
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#52
Toluene
Concen: 48.151 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 92 Resp: 220333
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4

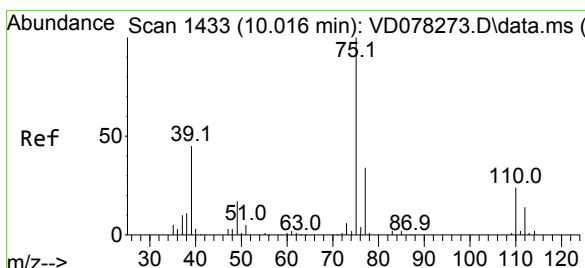
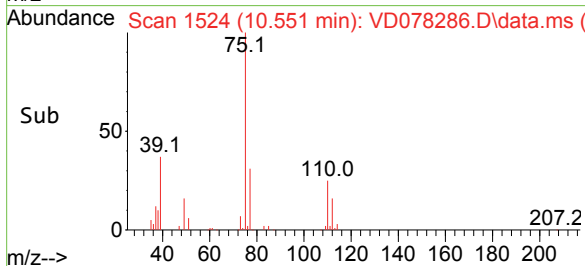
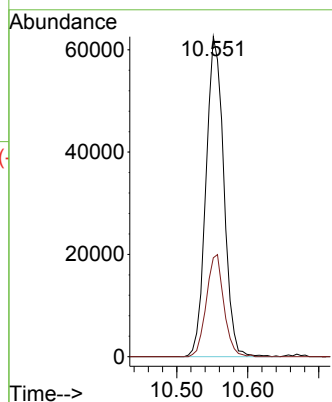
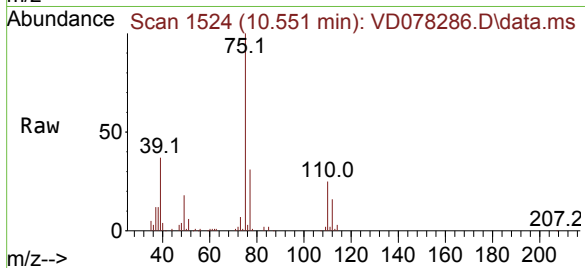




#53
t-1,3-Dichloropropene
Concen: 46.385 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

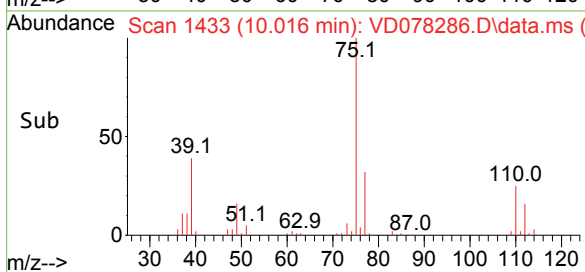
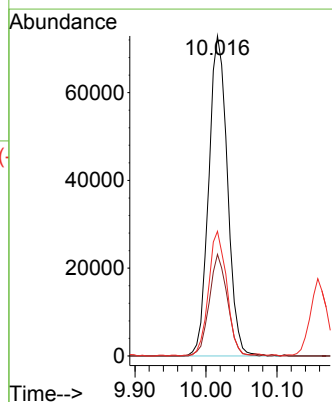
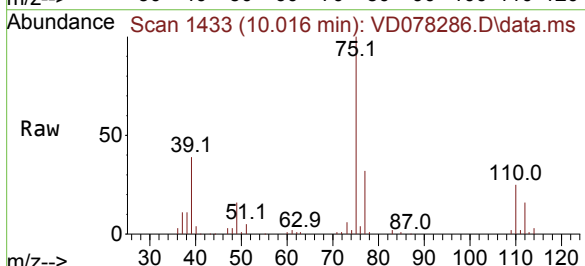
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

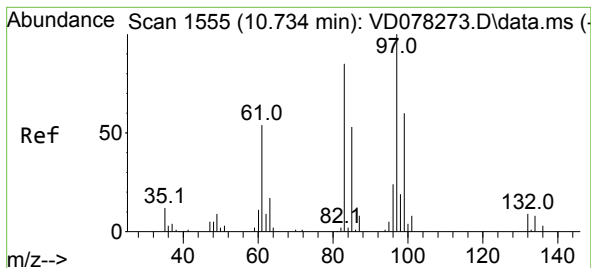
Tgt Ion: 75 Resp: 109090
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.992 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 75 Resp: 133624
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 39.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 45.305 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 60505

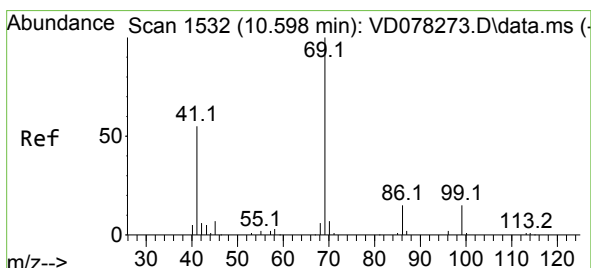
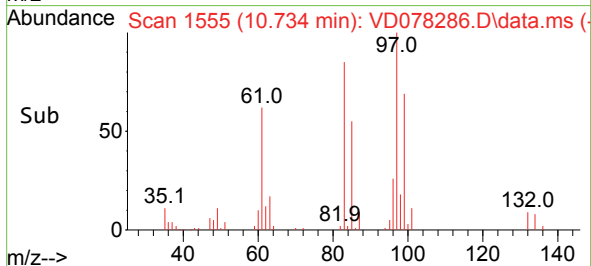
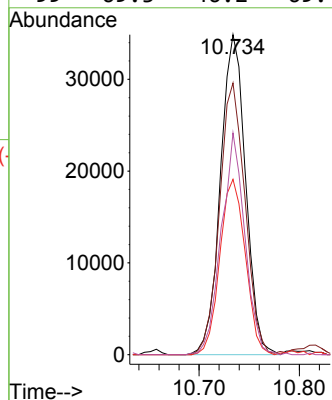
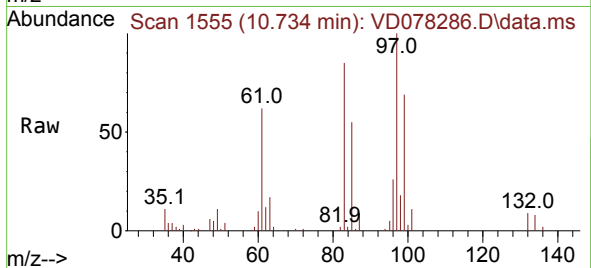
Ion Ratio Lower Upper

97 100

83 84.9 65.8 98.6

85 54.8 45.7 68.5

99 69.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 47.092 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

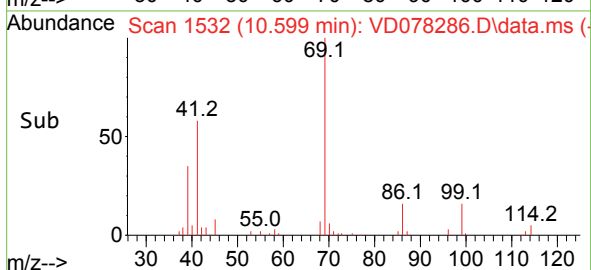
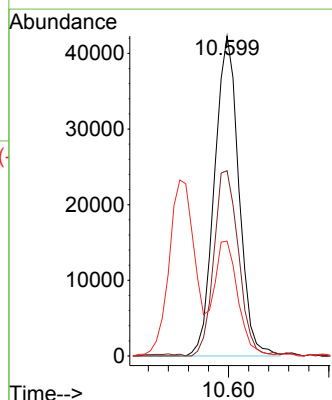
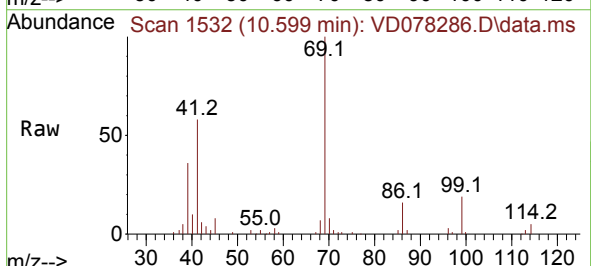
Tgt Ion: 69 Resp: 71335

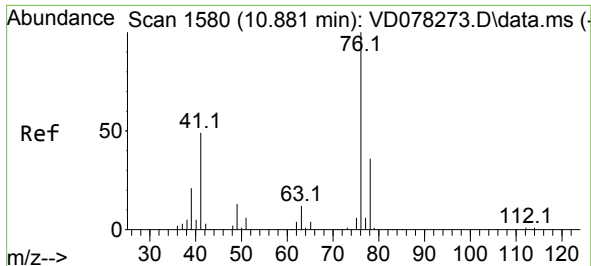
Ion Ratio Lower Upper

69 100

41 59.2 39.1 58.7#

39 34.9 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 45.413 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

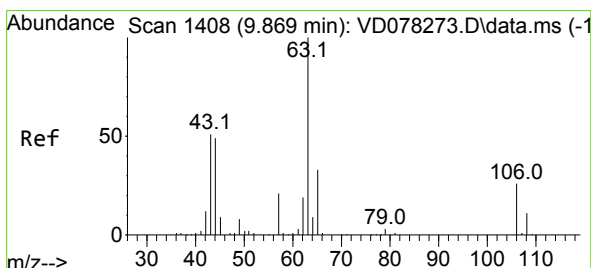
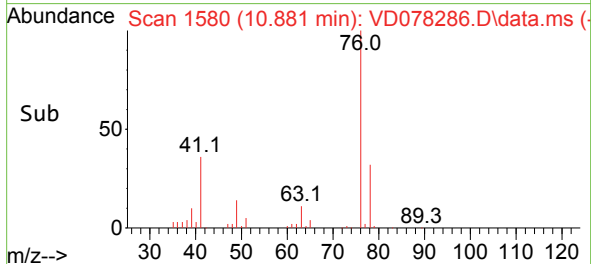
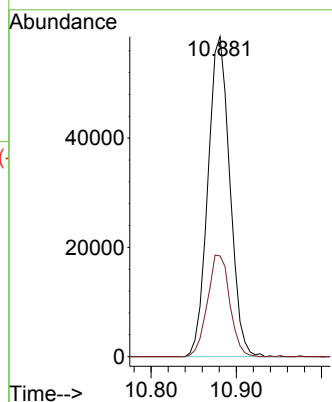
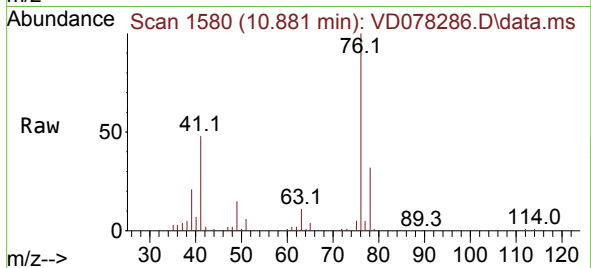
VSTDCCC050

Tgt Ion: 76 Resp: 104576

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 262.651 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078286.D

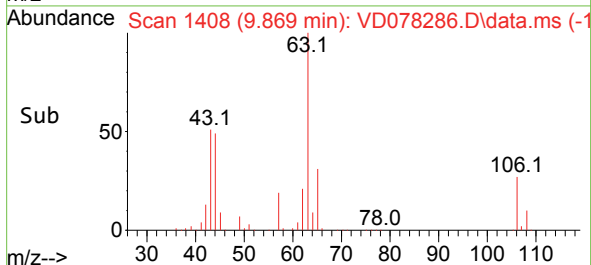
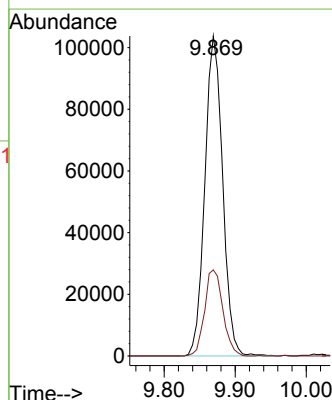
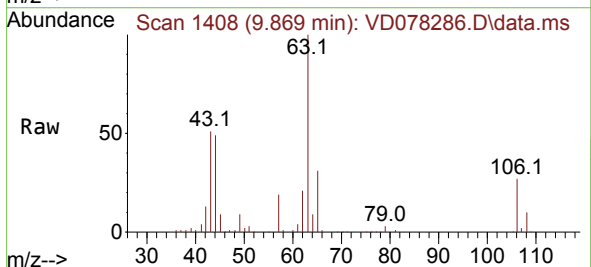
Acq: 31 Jan 2024 11:18

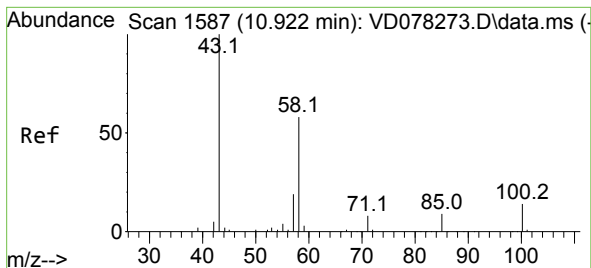
Tgt Ion: 63 Resp: 180932

Ion Ratio Lower Upper

63 100

106 27.6 25.3 37.9

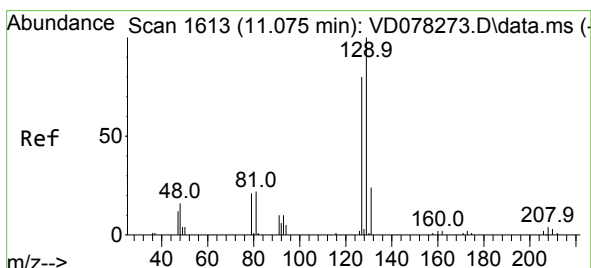
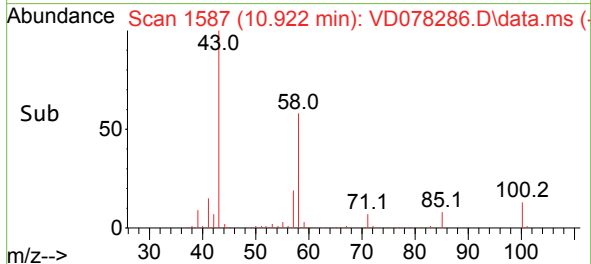
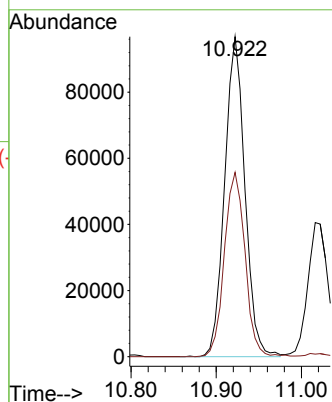
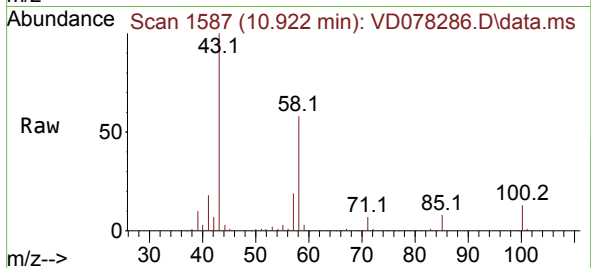




#59
2-Hexanone
Concen: 219.844 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

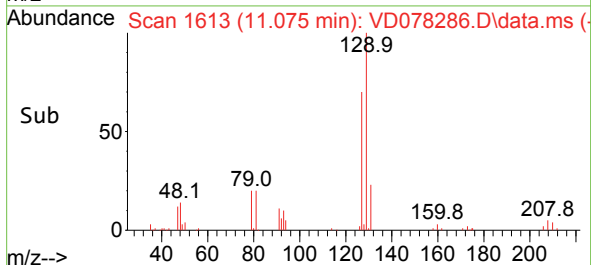
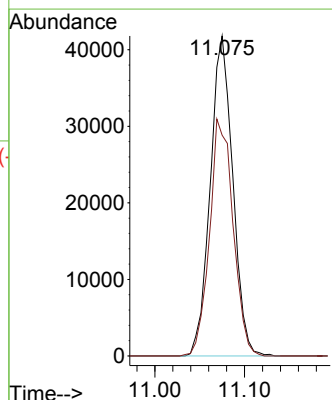
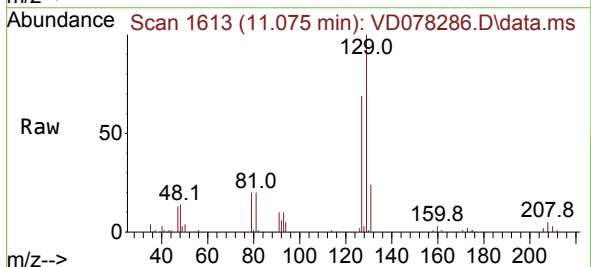
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

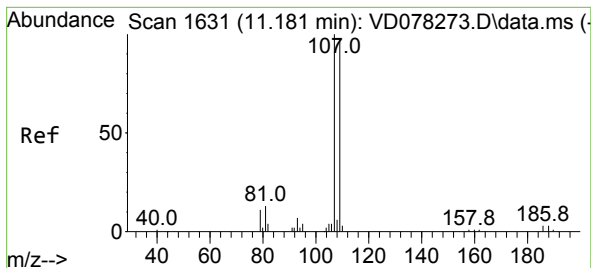
Tgt Ion: 43 Resp: 159810
Ion Ratio Lower Upper
43 100
58 58.8 34.1 102.2



#60
Dibromochloromethane
Concen: 47.015 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 129 Resp: 72887
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 44.861 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

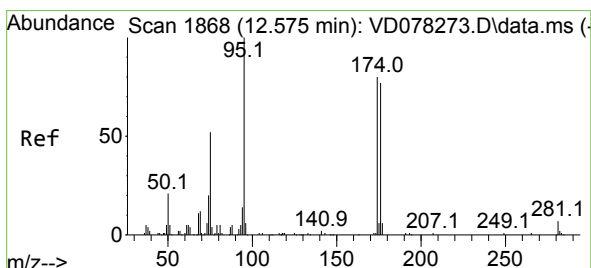
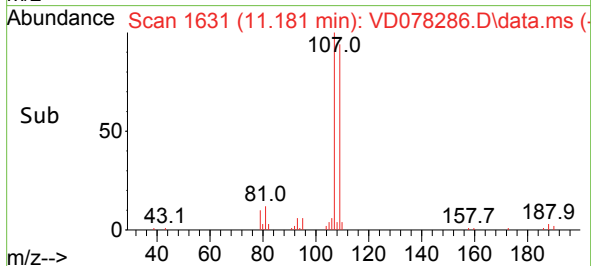
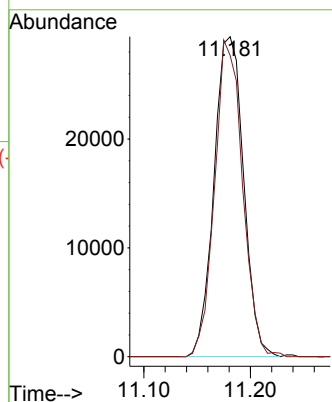
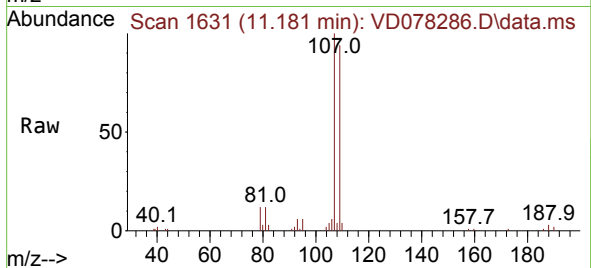
VSTDCCC050

Tgt Ion:107 Resp: 56565

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.658 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

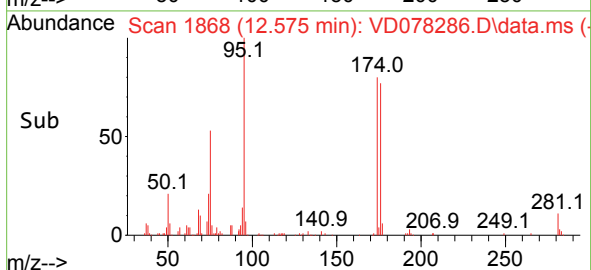
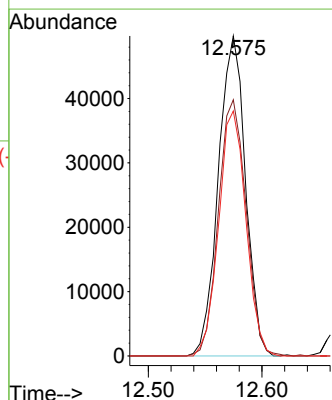
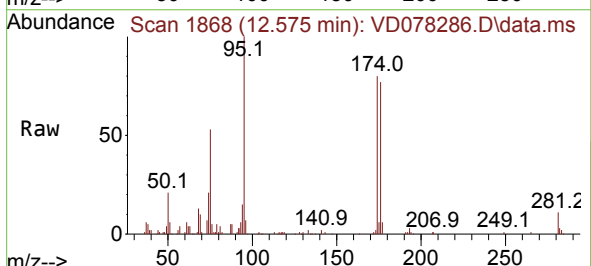
Tgt Ion: 95 Resp: 82484

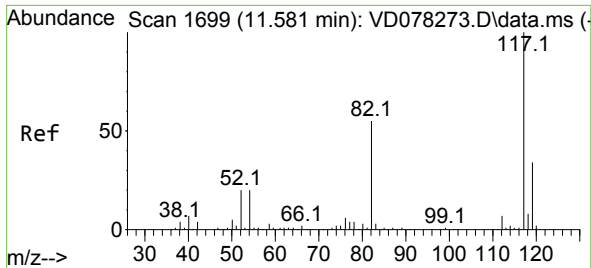
Ion Ratio Lower Upper

95 100

174 81.7 0.0 201.8

176 76.9 0.0 191.8

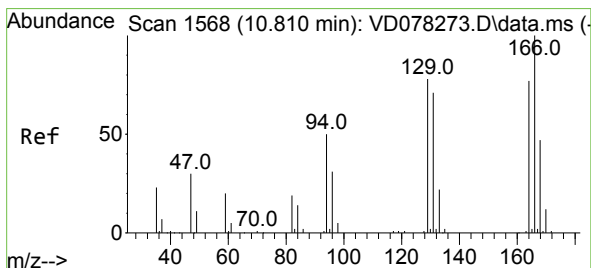
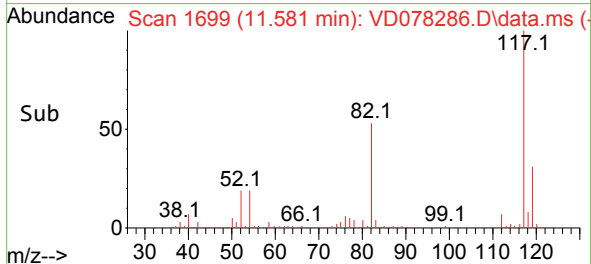
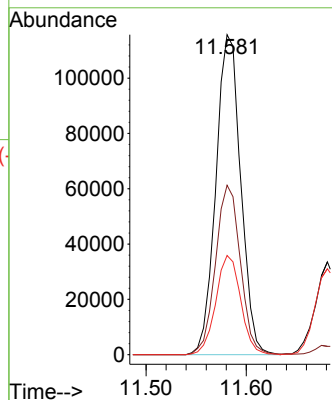
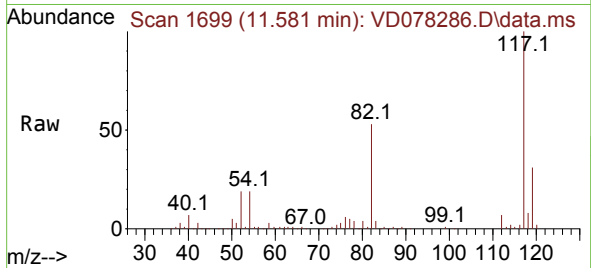




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

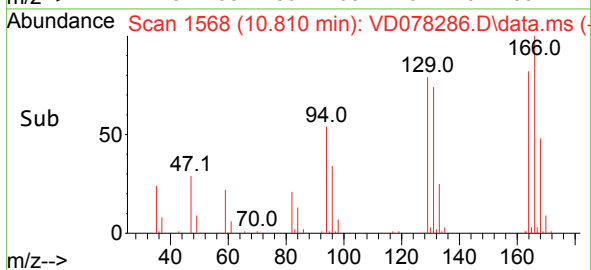
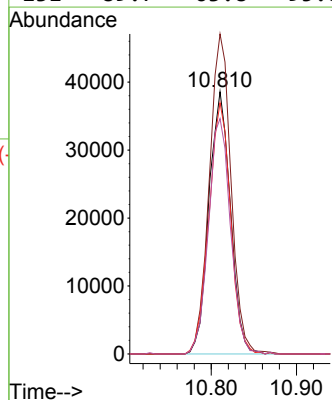
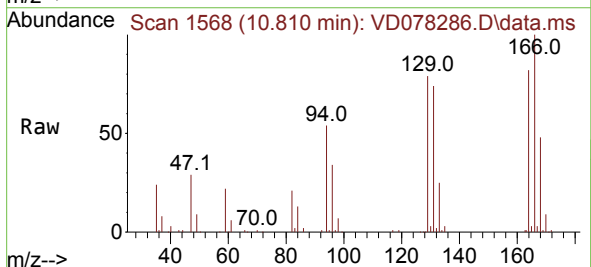
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

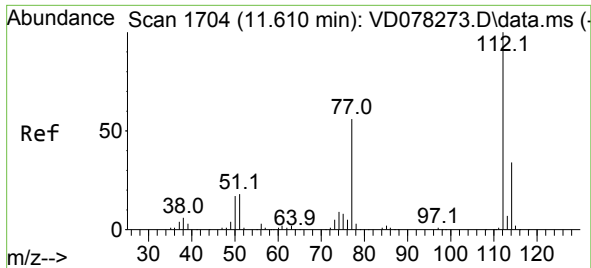
Tgt Ion:117 Resp: 199002
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 48.704 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion:164 Resp: 67600
Ion Ratio Lower Upper
164 100
166 122.0 99.2 148.8
129 95.8 68.4 102.6
131 89.7 63.8 95.8

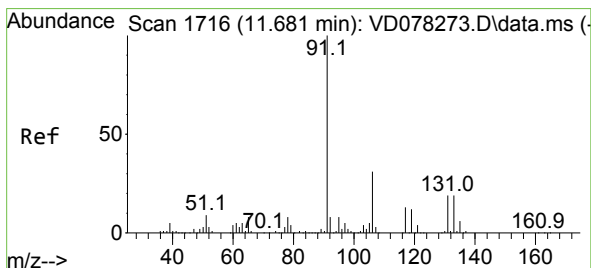
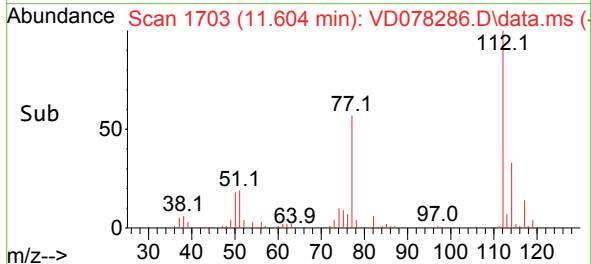
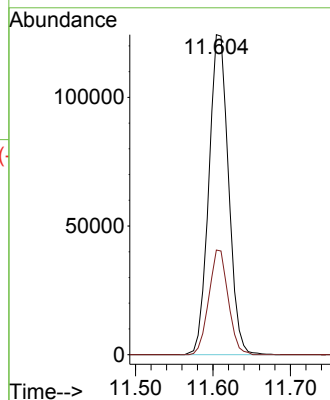
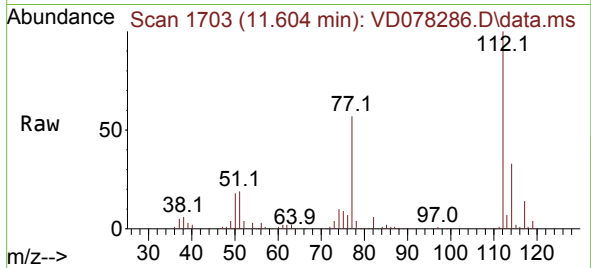




#65
Chlorobenzene
Concen: 46.049 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

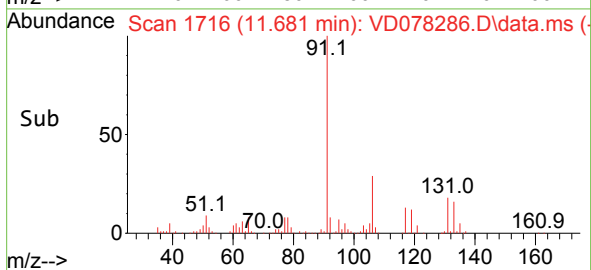
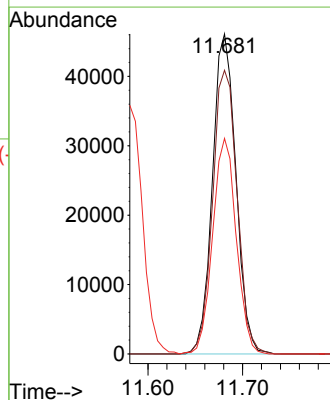
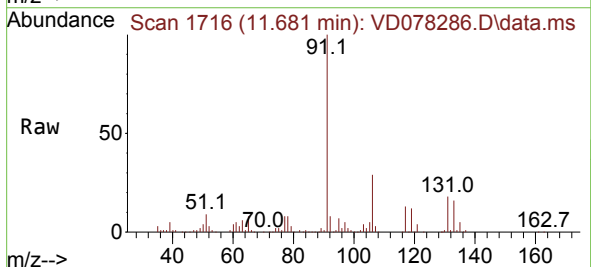
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

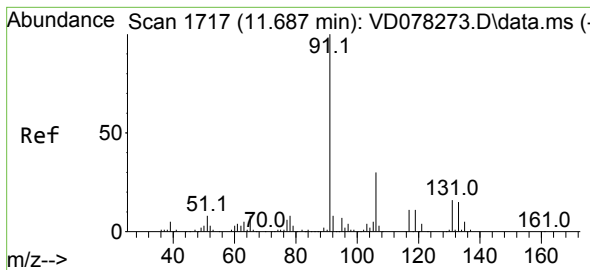
Tgt Ion:112 Resp: 219235
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.808 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion:131 Resp: 79344
Ion Ratio Lower Upper
131 100
133 92.7 48.5 145.5
119 68.0 35.6 106.9





#67

Ethyl Benzene

Concen: 48.494 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

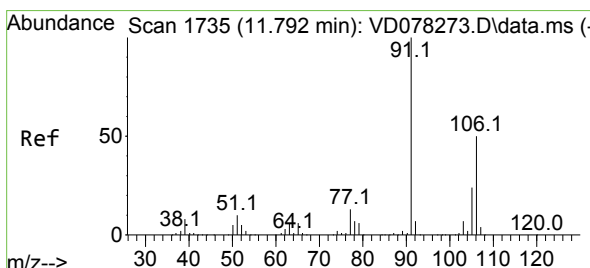
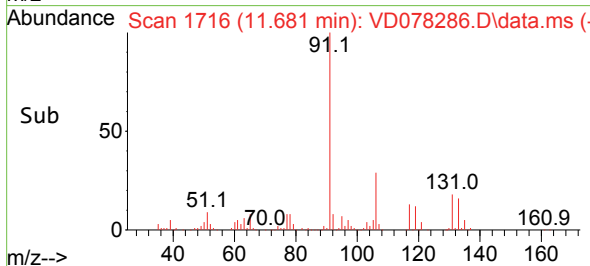
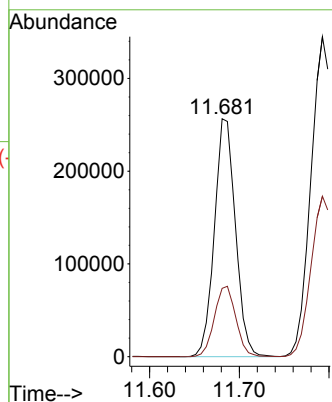
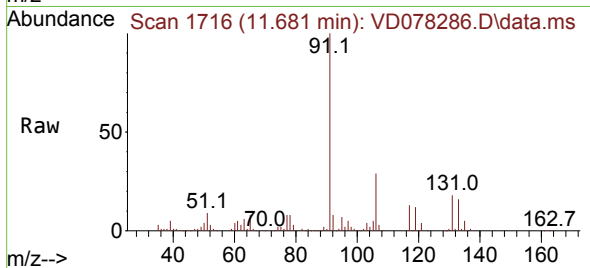
VSTDCCC050

Tgt Ion: 91 Resp: 418216

Ion Ratio Lower Upper

91 100

106 28.7 26.5 39.7



#68

m/p-Xylenes

Concen: 96.275 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078286.D

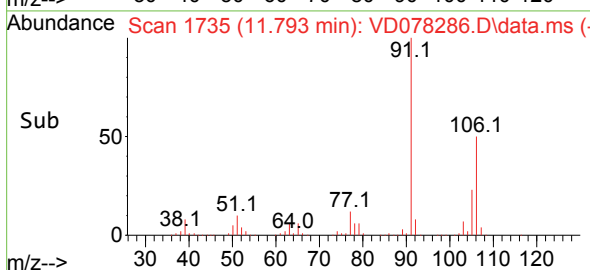
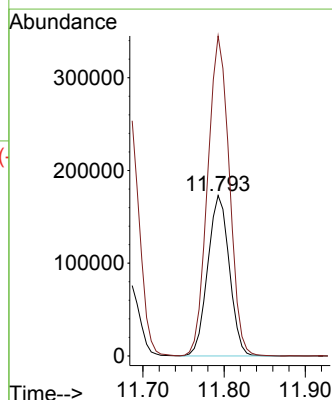
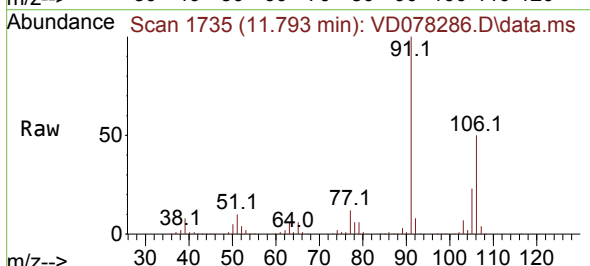
Acq: 31 Jan 2024 11:18

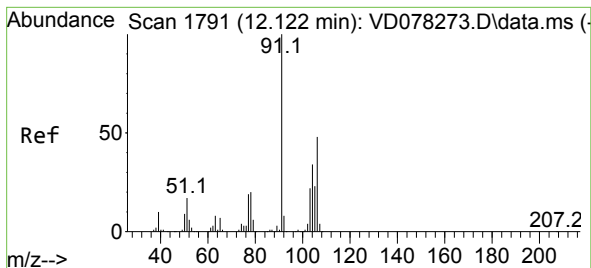
Tgt Ion:106 Resp: 319430

Ion Ratio Lower Upper

106 100

91 200.4 147.0 220.6

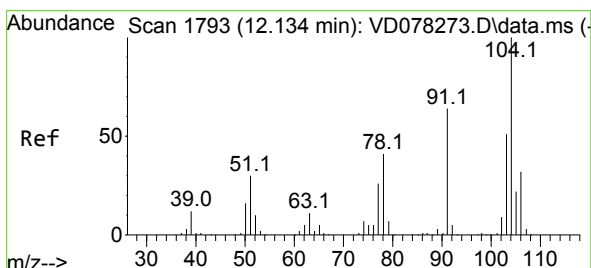
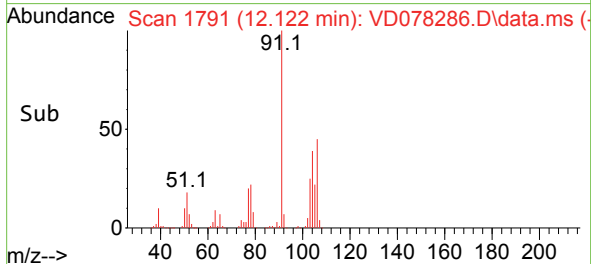
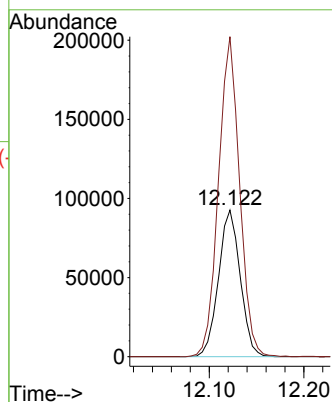
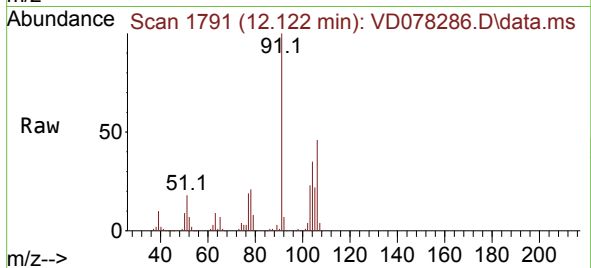




#69
o-Xylene
Concen: 48.497 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

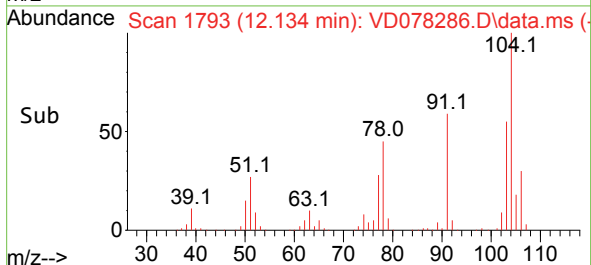
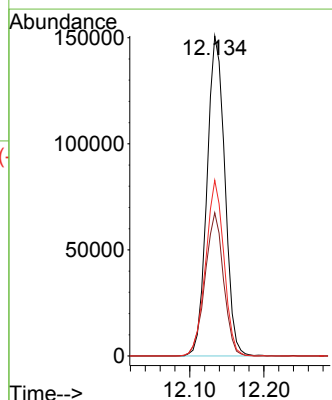
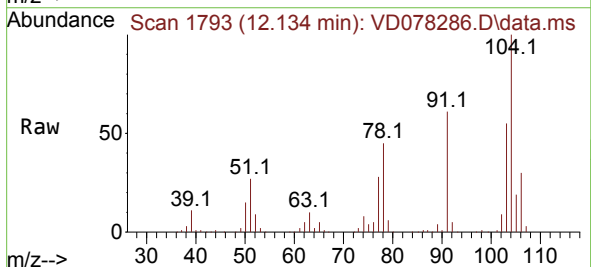
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

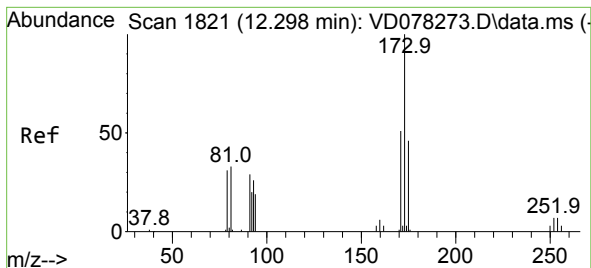
Tgt Ion:106 Resp: 147875
Ion Ratio Lower Upper
106 100
91 212.1 97.9 293.6



#70
Styrene
Concen: 48.384 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion:104 Resp: 251946
Ion Ratio Lower Upper
104 100
78 46.5 33.2 49.8
103 56.3 43.6 65.4





#71

Bromoform

Concen: 46.944 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

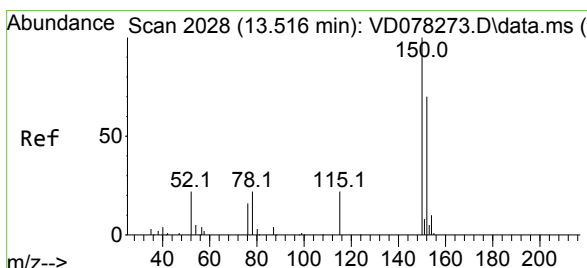
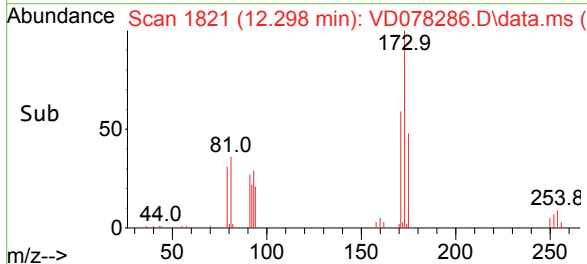
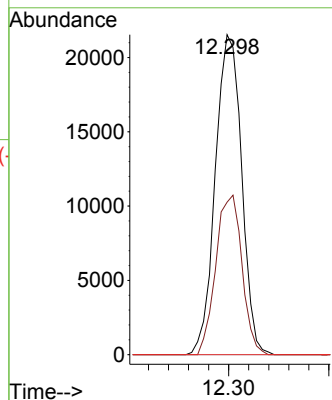
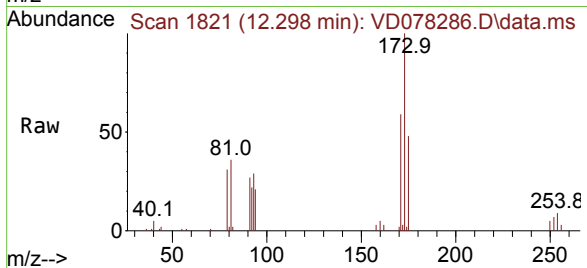
Tgt Ion:173 Resp: 39191

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

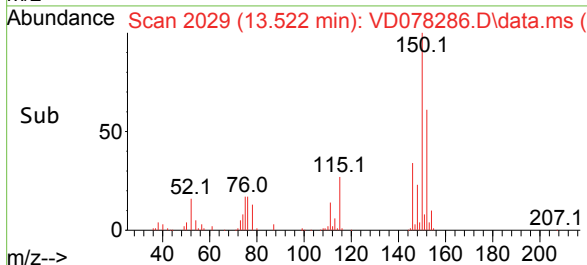
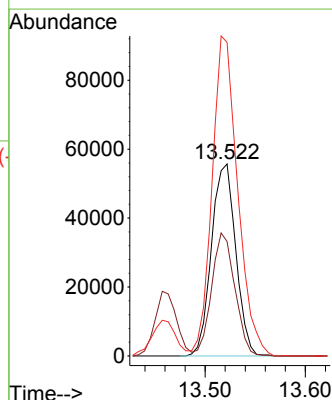
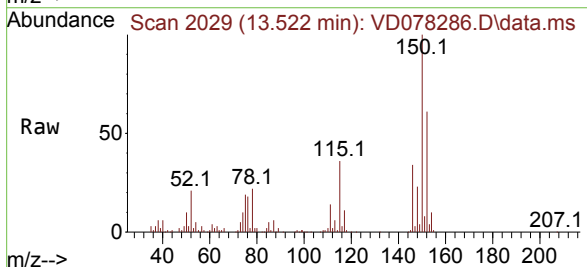
Tgt Ion:152 Resp: 93872

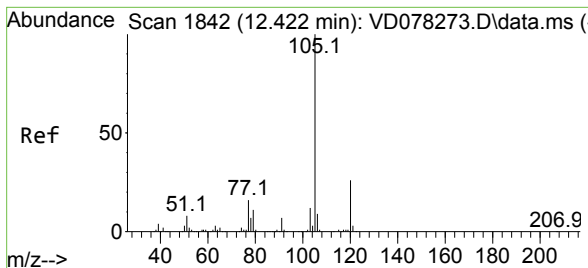
Ion Ratio Lower Upper

152 100

115 61.4 27.1 81.3

150 175.4 0.0 353.6





#73

Isopropylbenzene

Concen: 49.269 ug/l

RT: 12.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

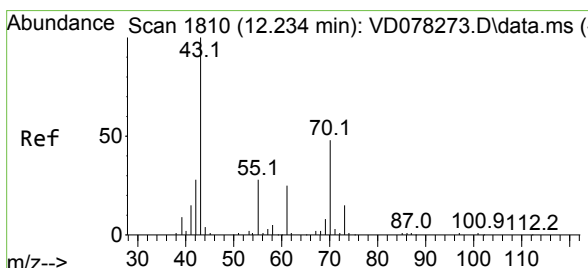
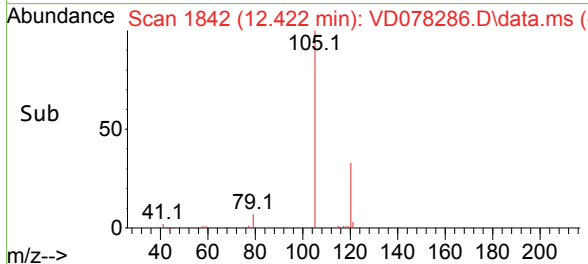
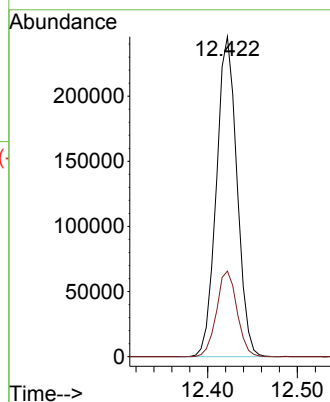
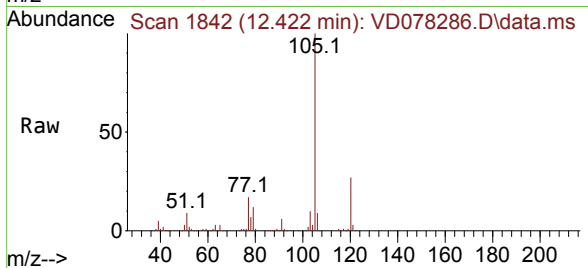
VSTDCCC050

Tgt Ion:105 Resp: 391311

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 46.849 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Tgt Ion: 43 Resp: 76956

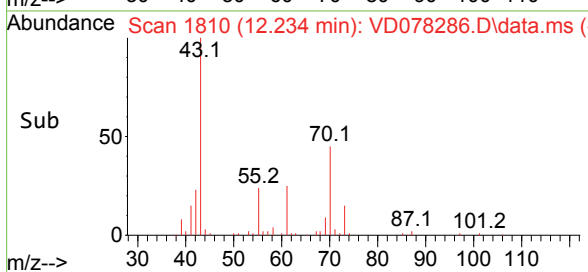
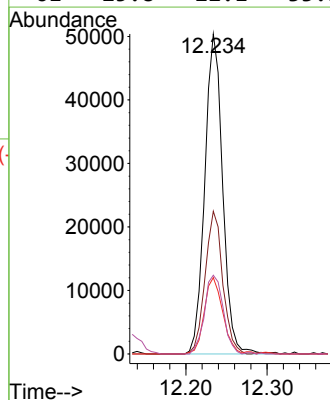
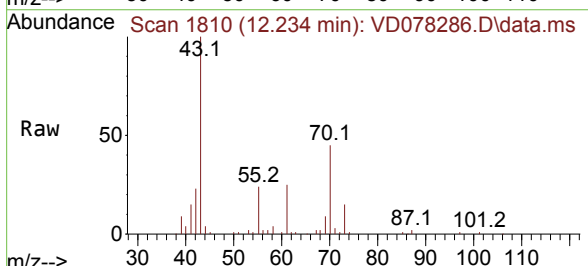
Ion Ratio Lower Upper

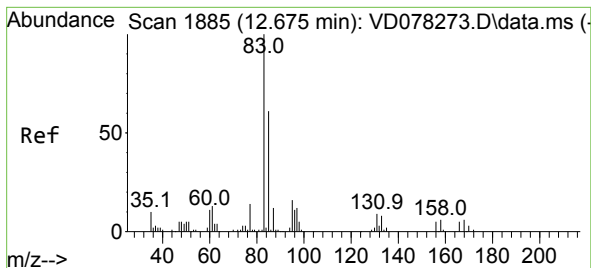
43 100

70 44.1 45.0 67.4#

55 24.9 23.8 35.6

61 25.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.395 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

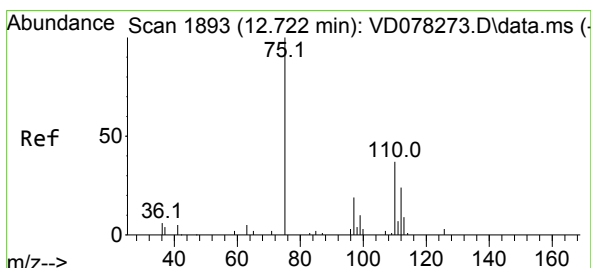
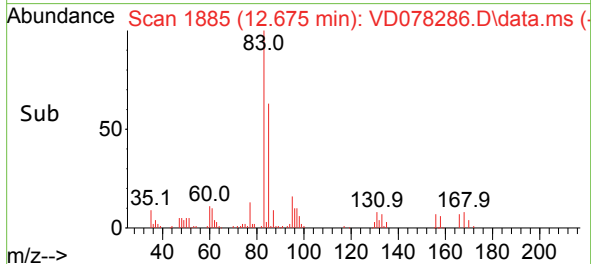
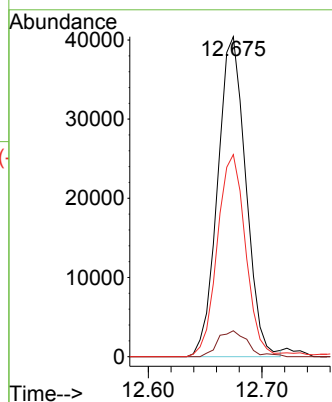
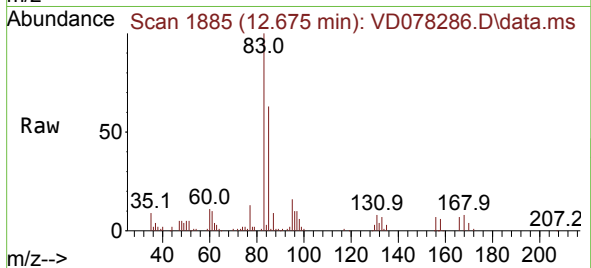
Tgt Ion: 83 Resp: 69627

Ion Ratio Lower Upper

83 100

131 8.5 5.1 15.3

85 63.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.026 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078286.D

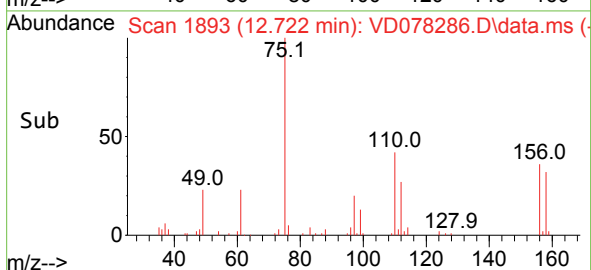
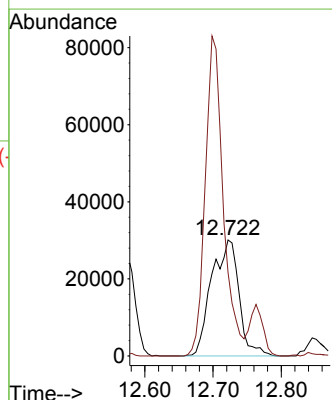
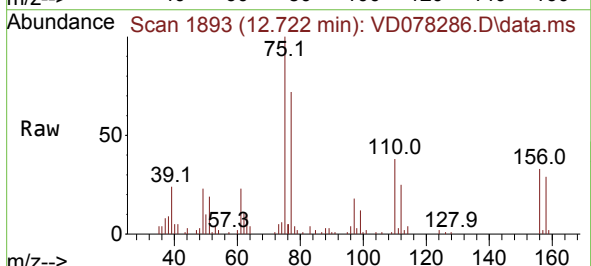
Acq: 31 Jan 2024 11:18

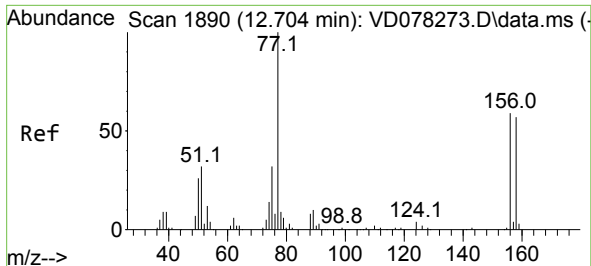
Tgt Ion: 75 Resp: 84404

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

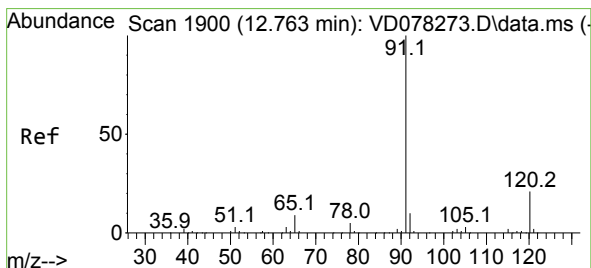
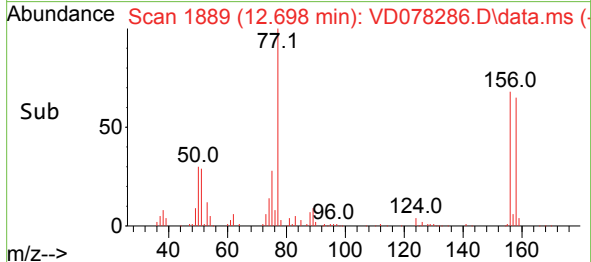
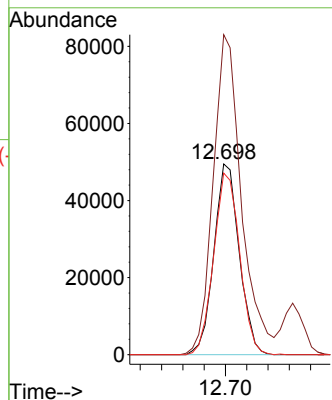
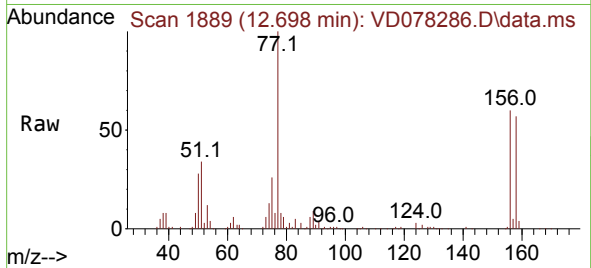




#77
Bromobenzene
Concen: 46.684 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

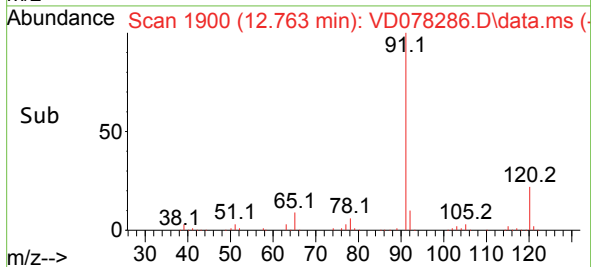
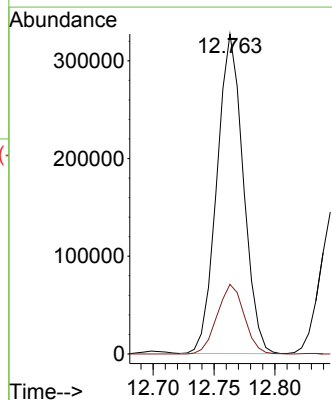
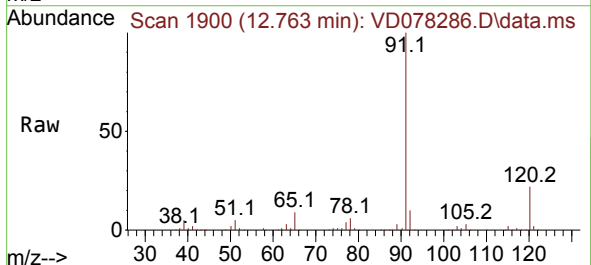
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

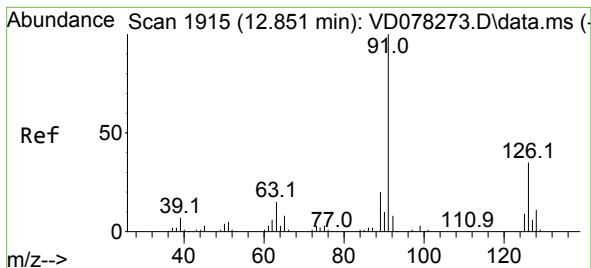
Tgt Ion:156 Resp: 81594
Ion Ratio Lower Upper
156 100
77 187.3 76.8 230.4
158 97.9 48.6 145.9



#78
n-propylbenzene
Concen: 49.907 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 91 Resp: 493764
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 48.546 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

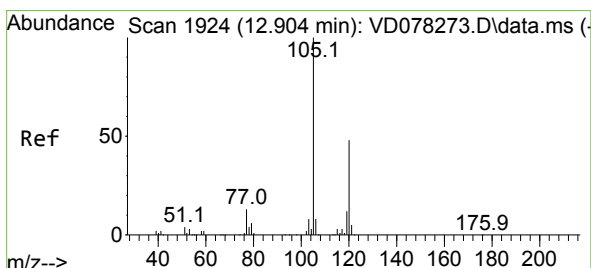
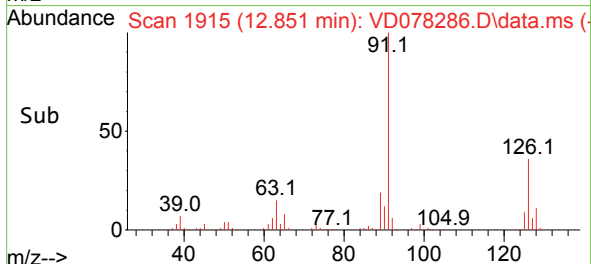
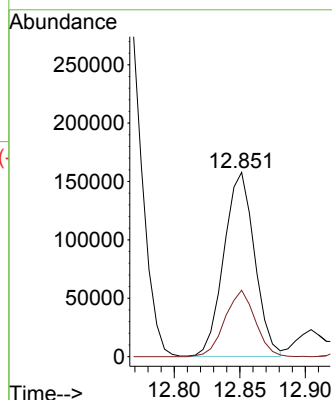
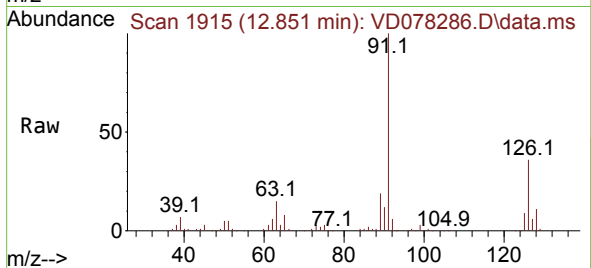
VSTDCCC050

Tgt Ion: 91 Resp: 257114

Ion Ratio Lower Upper

91 100

126 35.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 49.651 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078286.D

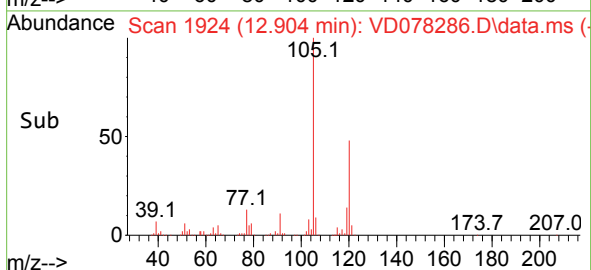
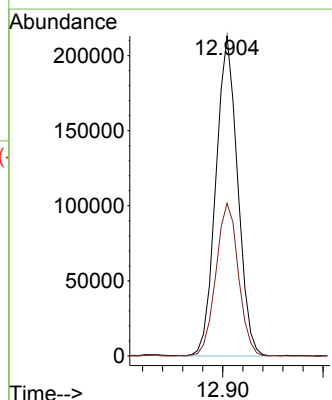
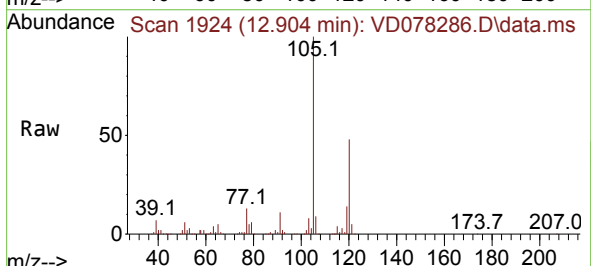
Acq: 31 Jan 2024 11:18

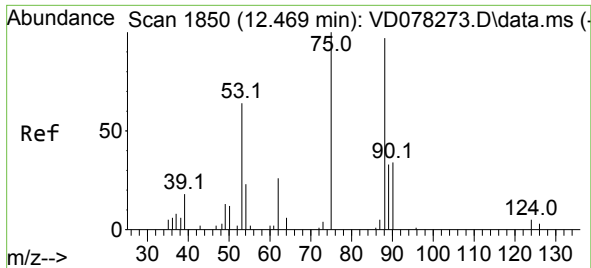
Tgt Ion: 105 Resp: 320809

Ion Ratio Lower Upper

105 100

120 49.3 26.4 79.2

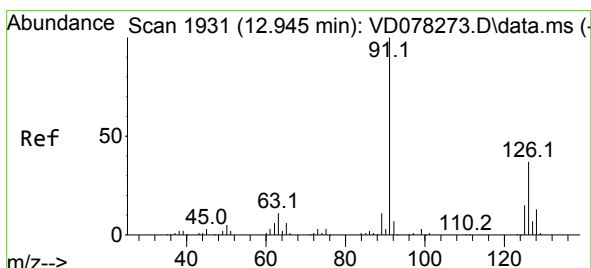
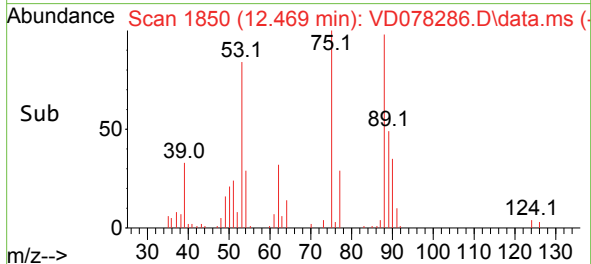
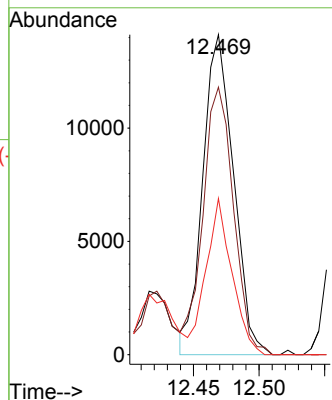
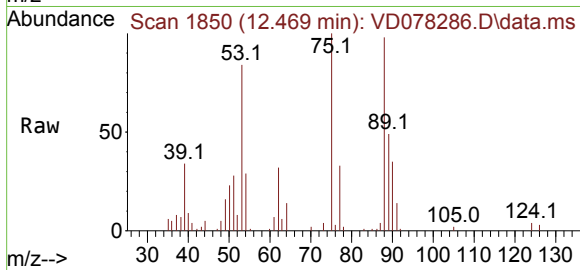




#81
trans-1,4-Dichloro-2-butene
Concen: 46.620 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

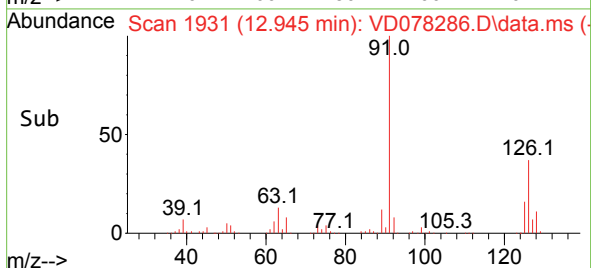
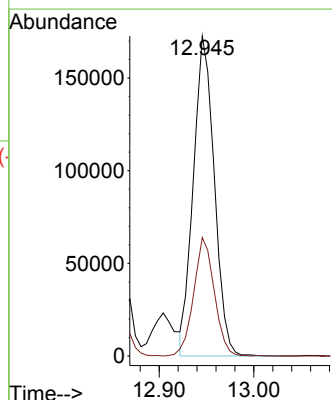
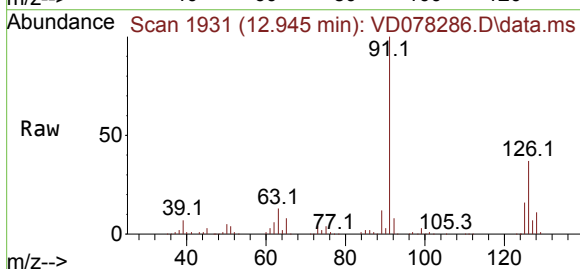
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

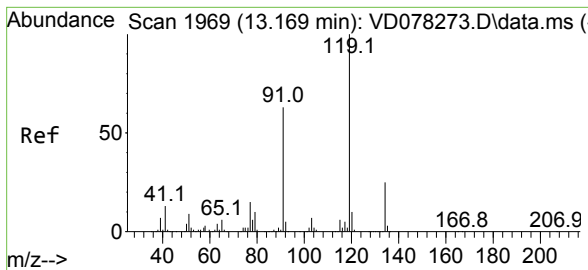
Tgt Ion: 75 Resp: 22999
Ion Ratio Lower Upper
75 100
53 83.7 63.0 94.4
89 41.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.031 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 91 Resp: 265553
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4

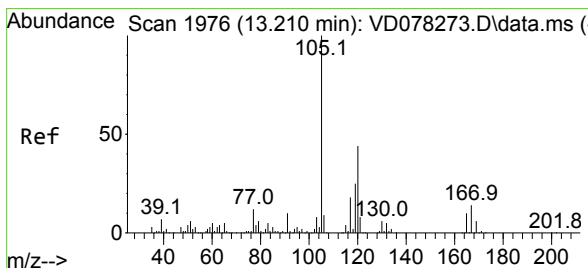
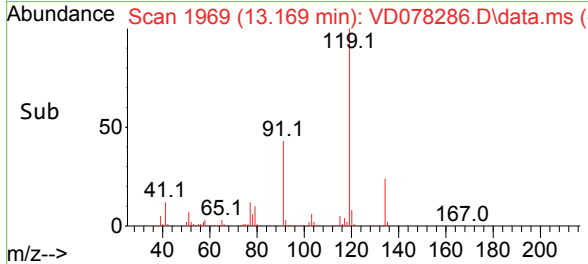
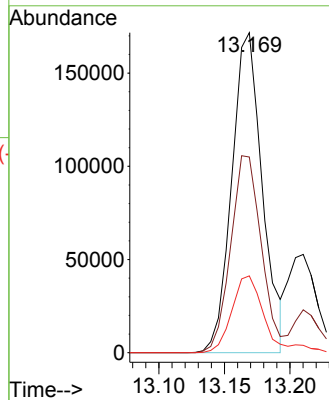
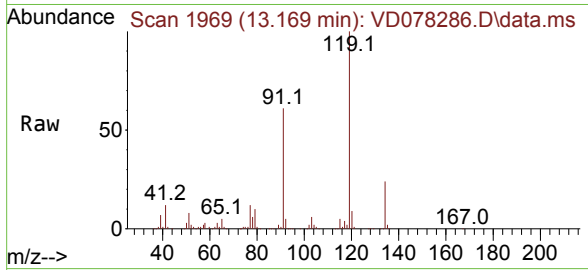




#83
 tert-Butylbenzene
 Concen: 50.447 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078286.D
 Acq: 31 Jan 2024 11:18

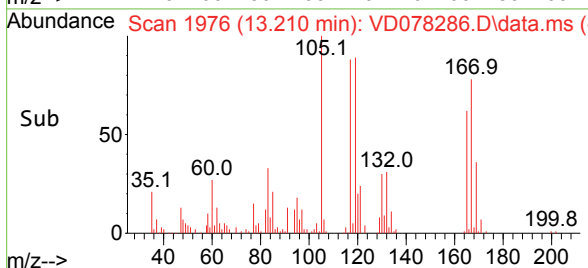
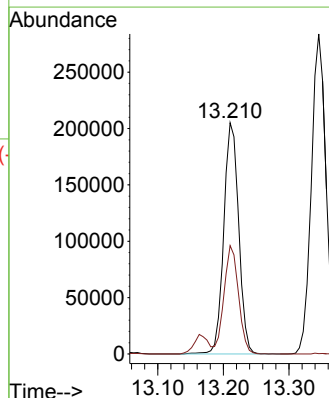
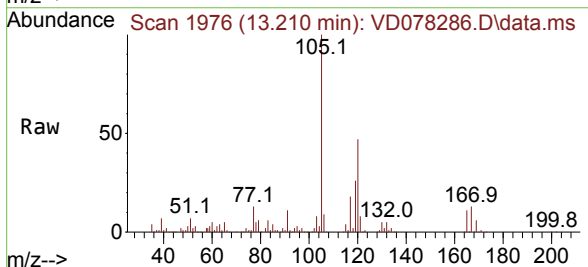
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

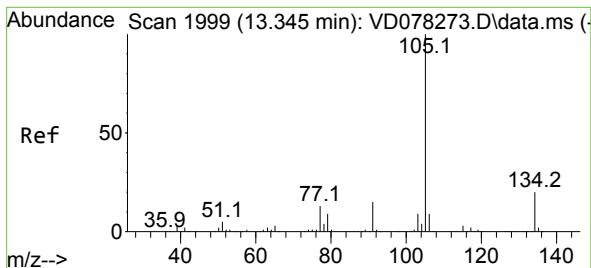
Tgt Ion:	119	Resp:	278127
Ion	Ratio	Lower	Upper
119	100		
91	61.6	29.3	87.8
134	25.9	14.1	42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 49.392 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078286.D
 Acq: 31 Jan 2024 11:18

Tgt Ion:	105	Resp:	322883
Ion	Ratio	Lower	Upper
105	100		
120	45.9	24.3	72.9





#85

sec-Butylbenzene

Concen: 50.653 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

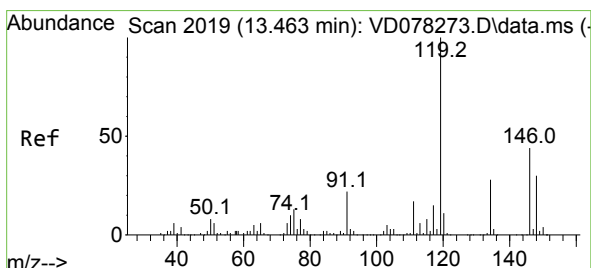
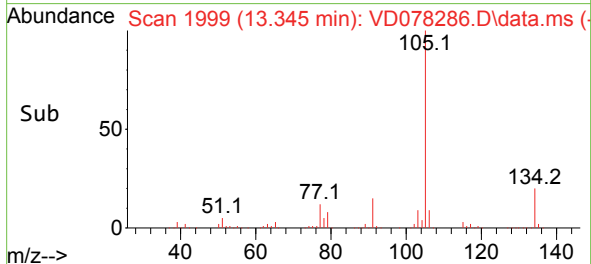
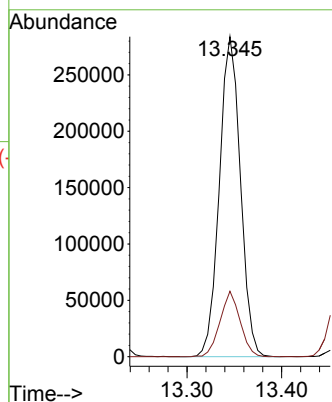
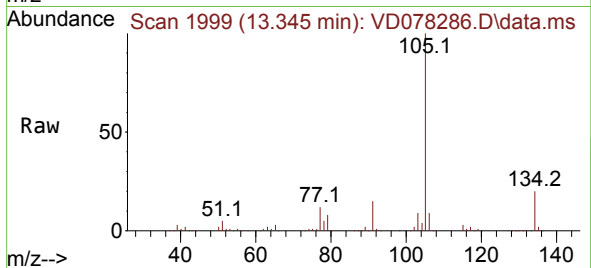
VSTDCCC050

Tgt Ion:105 Resp: 438294

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 50.366 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

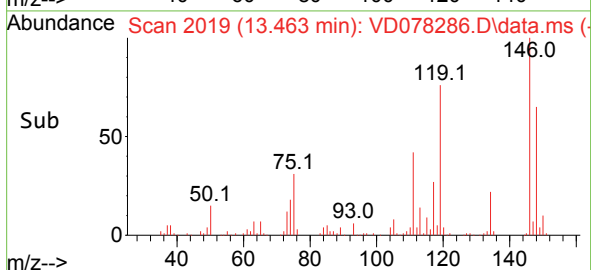
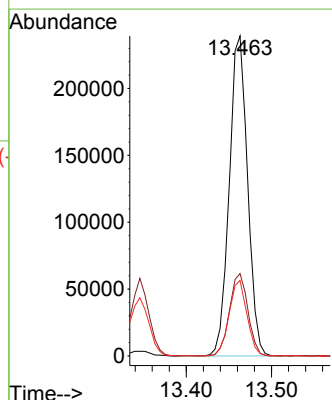
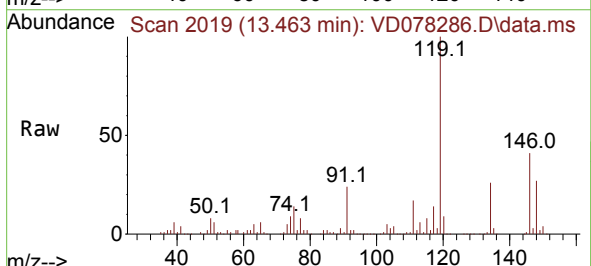
Tgt Ion:119 Resp: 356950

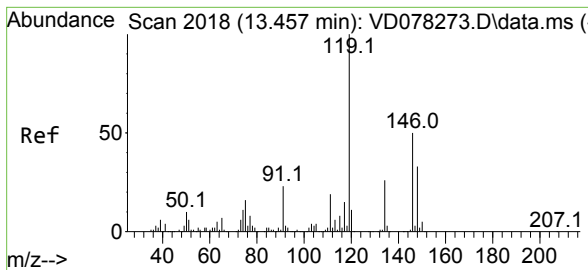
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 23.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 47.952 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

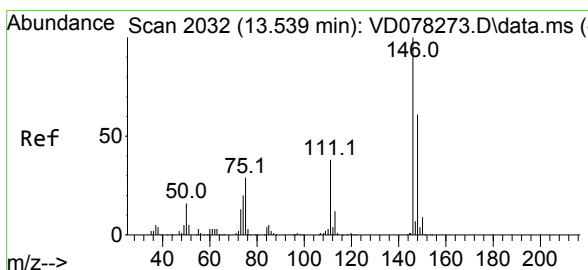
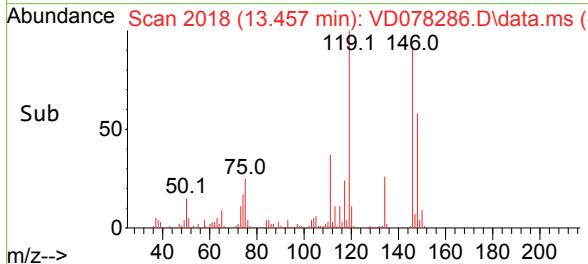
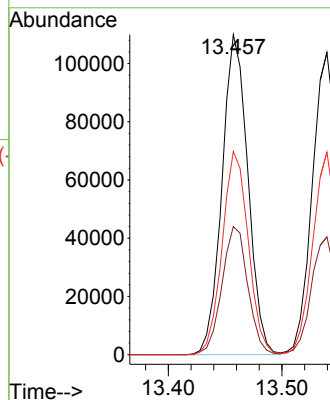
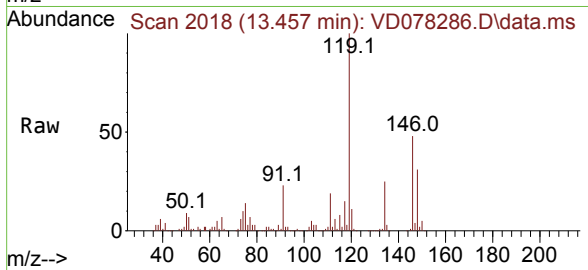
Tgt Ion:146 Resp: 174115

Ion Ratio Lower Upper

146 100

111 40.1 17.9 53.8

148 64.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 47.223 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

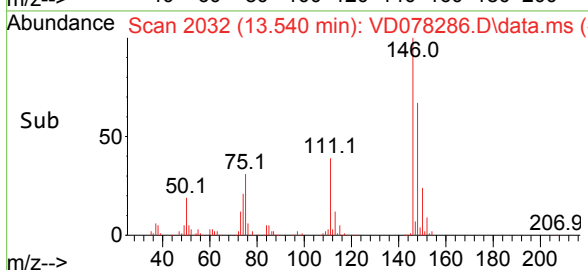
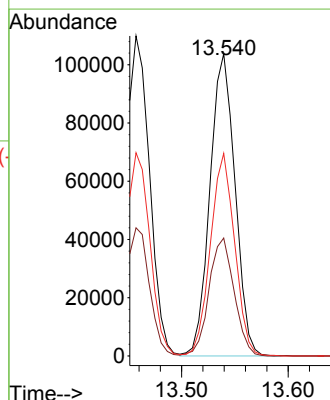
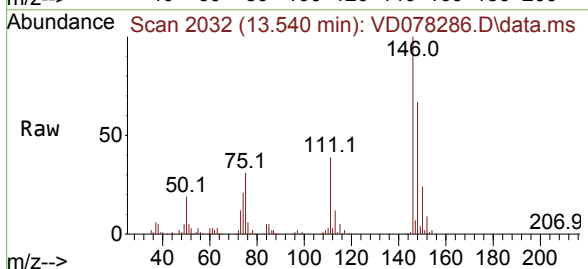
Tgt Ion:146 Resp: 169652

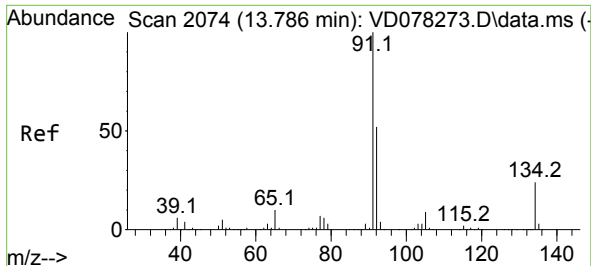
Ion Ratio Lower Upper

146 100

111 39.1 17.4 52.3

148 64.9 31.7 95.1

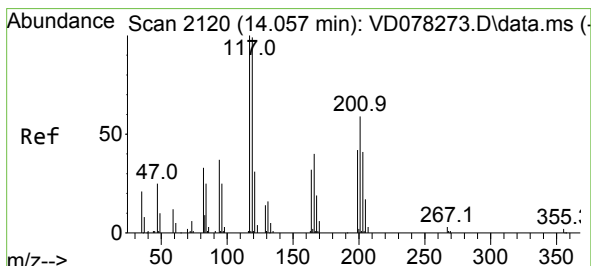
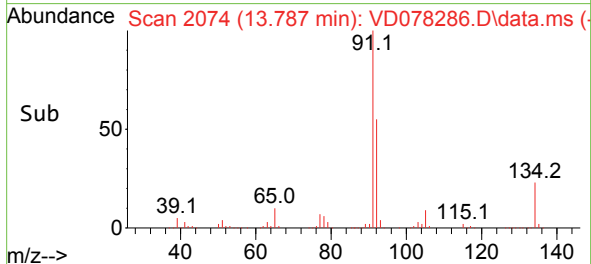
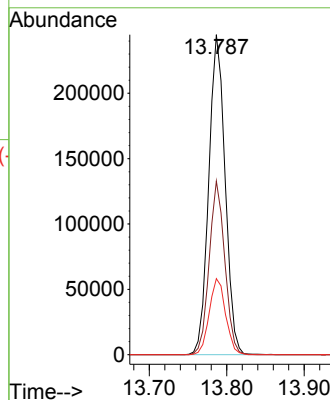
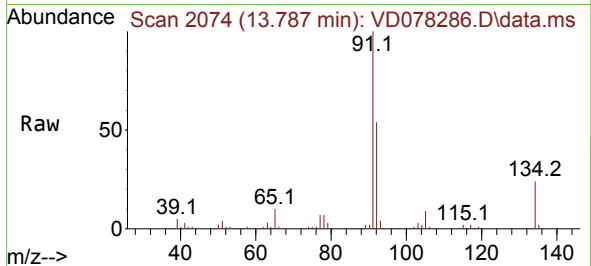




#89
n-Butylbenzene
Concen: 51.948 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

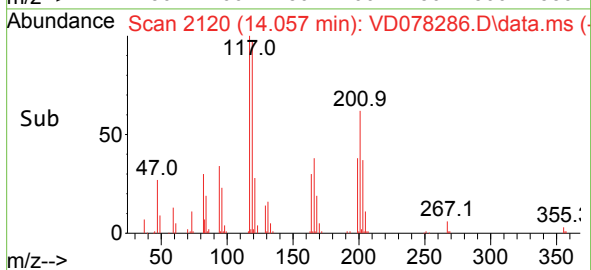
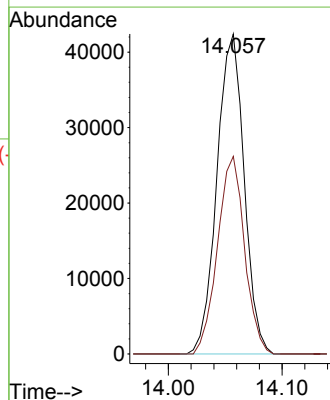
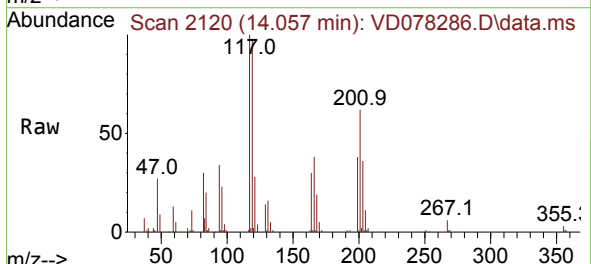
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

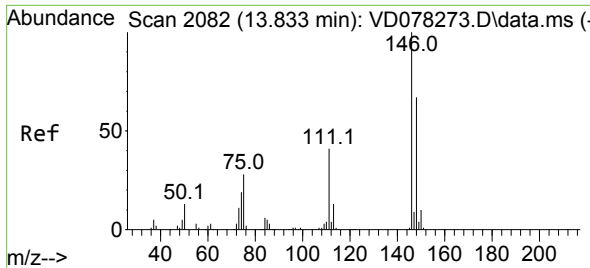
Tgt Ion: 91 Resp: 358755
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 23.8 13.8 41.3



#90
Hexachloroethane
Concen: 49.846 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 117 Resp: 70560
Ion Ratio Lower Upper
117 100
201 61.3 38.5 115.5

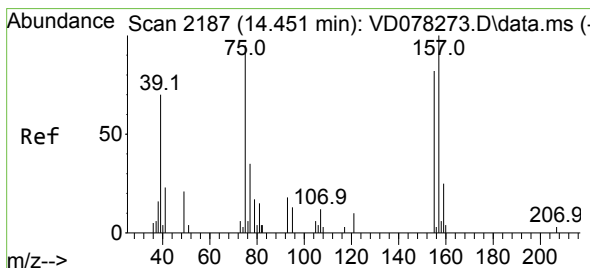
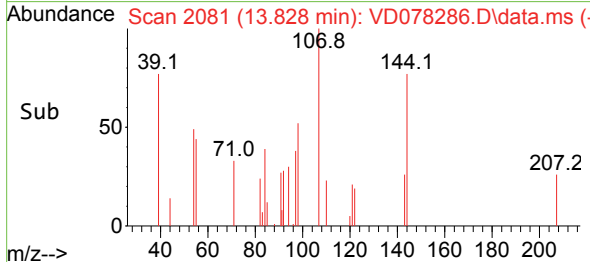
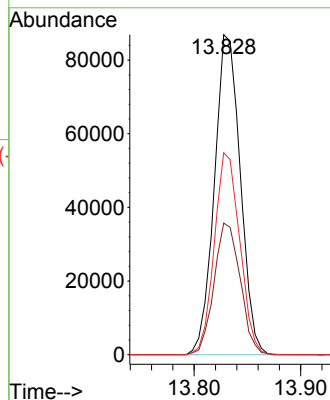
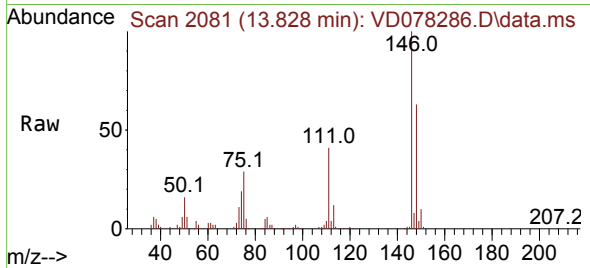




#91
1,2-Dichlorobenzene
Concen: 47.244 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

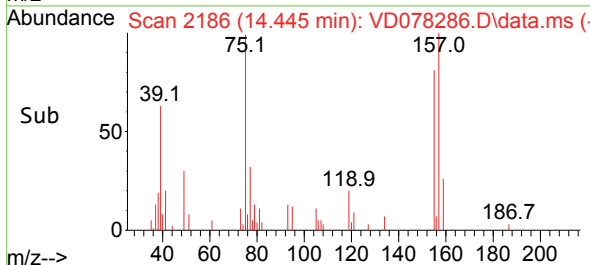
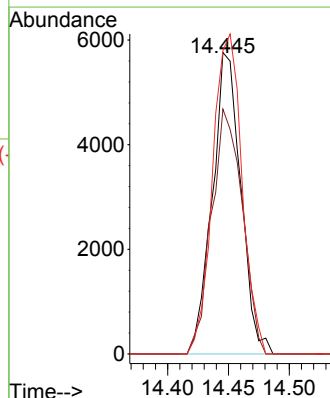
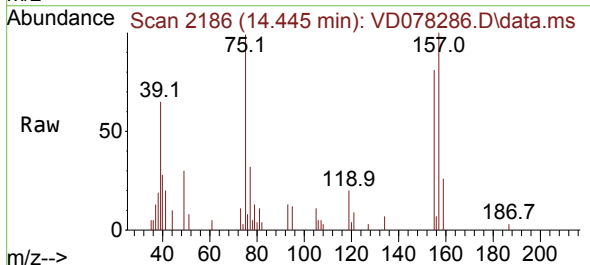
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

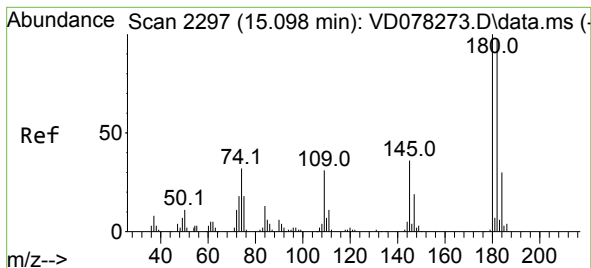
Tgt Ion:146 Resp: 146758
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 62.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.599 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion: 75 Resp: 9374
Ion Ratio Lower Upper
75 100
155 87.7 47.9 143.8
157 109.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.148 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

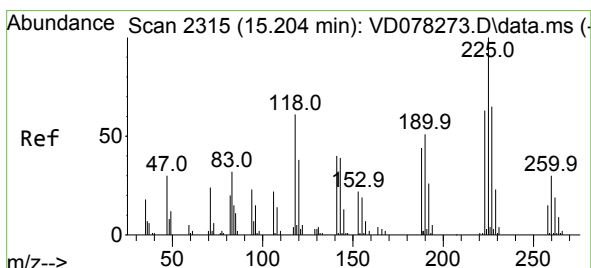
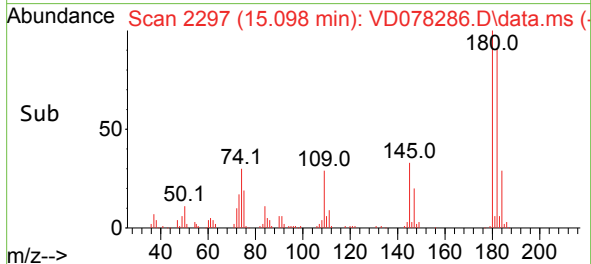
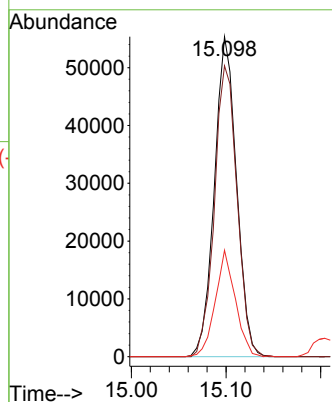
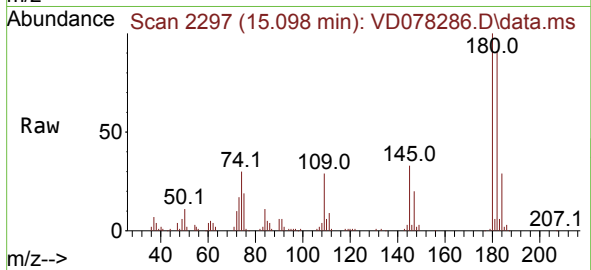
Tgt Ion:180 Resp: 90106

Ion Ratio Lower Upper

180 100

182 92.8 48.5 145.6

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.918 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078286.D

Acq: 31 Jan 2024 11:18

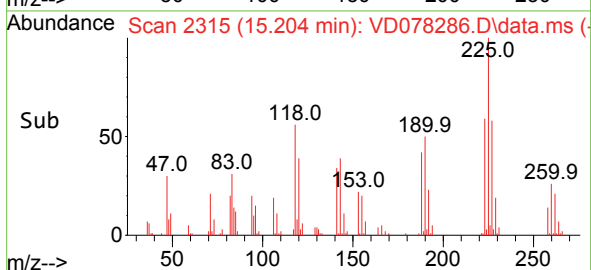
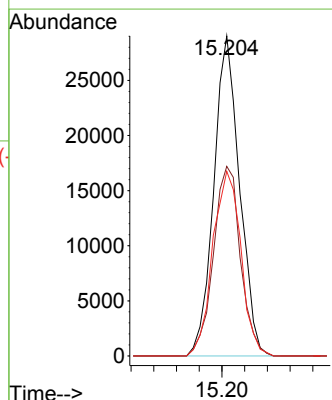
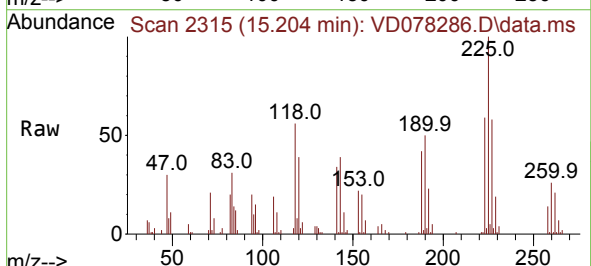
Tgt Ion:225 Resp: 45711

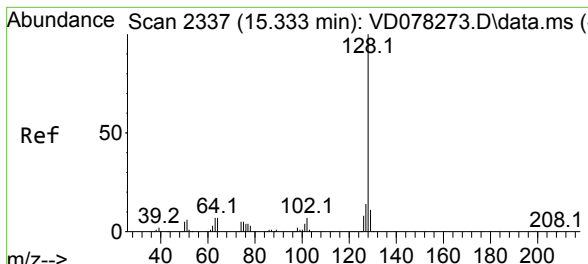
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.8

227 62.8 31.7 95.1

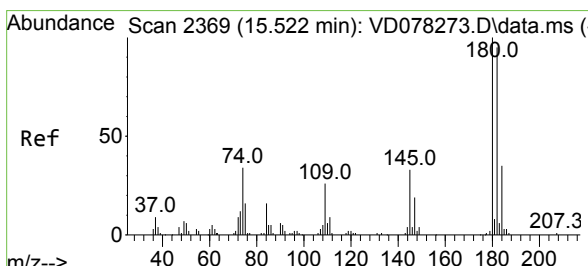
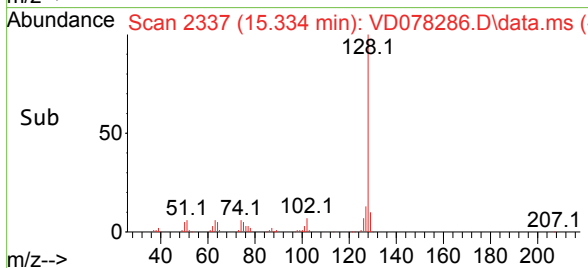
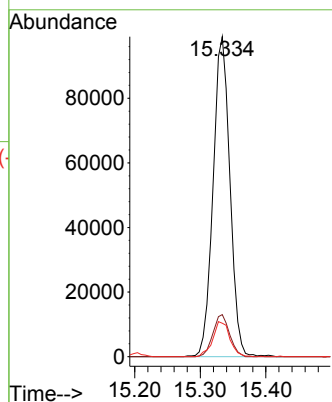
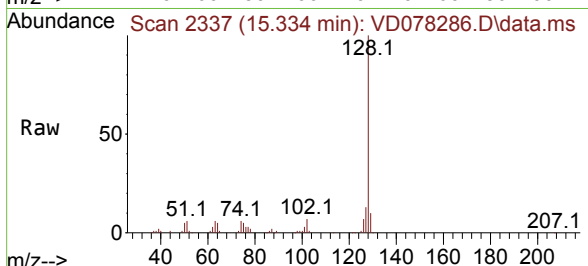




#95
Naphthalene
Concen: 49.258 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	176469
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.898 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078286.D
Acq: 31 Jan 2024 11:18

Tgt Ion:	180	Resp:	77360
Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.3	141.9
145	32.1	15.1	45.3

