

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078789.D
 Acq On : 29 Mar 2024 12:41
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 23:40:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	116488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50277	46.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.810	113	61083	49.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.269	98	214939	47.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.575	95	67801	50.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.940	85	54685	50.440	ug/l	99
3) Chloromethane	2.152	50	78811	46.039	ug/l	99
4) Vinyl Chloride	2.287	62	119046	47.142	ug/l	98
5) Bromomethane	2.699	94	109766	45.399	ug/l	99
6) Chloroethane	2.846	64	96101	48.799	ug/l	92
7) Trichlorofluoromethane	3.181	101	108674	54.398	ug/l	96
8) Diethyl Ether	3.599	74	30432	52.173	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.975	101	67431	53.782	ug/l	98
10) Methyl Iodide	4.169	142	82507	55.632	ug/l	97
11) Tert butyl alcohol	5.058	59	13001	266.111	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	62821	52.708	ug/l	96
13) Acrolein	3.799	56	7519	98.247	ug/l	98
14) Allyl chloride	4.564	41	68895	51.804	ug/l	96
15) Acrylonitrile	5.264	53	63376	269.529	ug/l	97
16) Acetone	4.022	43	56324	266.809	ug/l	99
17) Carbon Disulfide	4.275	76	184009	47.094	ug/l	98
18) Methyl Acetate	4.564	43	27354	60.378	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	138508	57.625	ug/l	96
20) Methylene Chloride	4.805	84	84445	59.610	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	78400	55.746	ug/l	94
22) Diisopropyl ether	6.216	45	172446	57.033	ug/l	98
23) Vinyl Acetate	6.158	43	495052	279.904	ug/l	99
24) 1,1-Dichloroethane	6.116	63	125104	55.186	ug/l	98
25) 2-Butanone	7.087	43	72840	259.529	ug/l	92
26) 2,2-Dichloropropane	7.081	77	107710	56.159	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	90070	56.151	ug/l	99
28) Bromochloromethane	7.428	49	39900	49.369	ug/l	98
29) Tetrahydrofuran	7.452	42	42713	279.803	ug/l	98
30) Chloroform	7.593	83	144674	57.238	ug/l	96
31) Cyclohexane	7.881	56	91438	49.832	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	119721	55.827	ug/l	99
36) 1,1-Dichloropropene	8.010	75	102670	57.215	ug/l	99
37) Ethyl Acetate	7.169	43	32786	55.928	ug/l	96
38) Carbon Tetrachloride	7.993	117	111241	58.803	ug/l	95
39) Methylcyclohexane	9.275	83	113854	54.695	ug/l	98
40) Benzene	8.252	78	313708	57.833	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17508	56.991	ug/l	93
42) 1,2-Dichloroethane	8.328	62	76125	57.547	ug/l	98
43) Isopropyl Acetate	8.357	43	59277	55.601	ug/l	99
44) Trichloroethene	9.034	130	84459	57.374	ug/l	95
45) 1,2-Dichloropropane	9.305	63	74015	57.520	ug/l	98
46) Dibromomethane	9.399	93	43870	56.874	ug/l	99
47) Bromodichloromethane	9.587	83	108994	59.356	ug/l	97
48) Methyl methacrylate	9.381	41	29718	57.209	ug/l	98
49) 1,4-Dioxane	9.393	88	7864	1101.102	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	159409	286.010	ug/l	98
52) Toluene	10.334	92	202499	57.985	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	95321	56.775	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	117985	58.457	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	60439	58.512	ug/l	98
56) Ethyl methacrylate	10.599	69	62534	60.390	ug/l	96
57) 1,3-Dichloropropane	10.881	76	97485	58.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	126770	277.643	ug/l	100
59) 2-Hexanone	10.922	43	118362	286.472	ug/l	99
60) Dibromochloromethane	11.075	129	74680	58.626	ug/l	100
61) 1,2-Dibromoethane	11.181	107	57178	57.199	ug/l	98
64) Tetrachloroethene	10.810	164	70421	58.049	ug/l	96
65) Chlorobenzene	11.610	112	220987	57.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	85210	60.736	ug/l	98
67) Ethyl Benzene	11.687	91	390895	59.880	ug/l	99
68) m/p-Xylenes	11.793	106	319464	120.516	ug/l	97
69) o-Xylene	12.122	106	147075	59.967	ug/l	98
70) Styrene	12.140	104	261794	63.595	ug/l	98
71) Bromoform	12.298	173	45089	59.470	ug/l #	96
73) Isopropylbenzene	12.422	105	378746	56.459	ug/l	100
74) N-amyl acetate	12.234	43	58132	53.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	64531	51.964	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	77313	98.490	ug/l #	100
77) Bromobenzene	12.704	156	97137	58.388	ug/l	95
78) n-propylbenzene	12.763	91	471064	57.689	ug/l	100
79) 2-Chlorotoluene	12.851	91	249755	55.754	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	319703	57.631	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	20411	54.504	ug/l	96
82) 4-Chlorotoluene	12.951	91	263159	55.542	ug/l	99
83) tert-Butylbenzene	13.169	119	278635	58.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	328121	58.693	ug/l	97
85) sec-Butylbenzene	13.345	105	426670	58.943	ug/l	99
86) p-Isopropyltoluene	13.463	119	371685	59.980	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	202927	57.802	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	196440	56.776	ug/l	98
89) n-Butylbenzene	13.787	91	331827	59.292	ug/l	99
90) Hexachloroethane	14.057	117	72183	56.295	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	172947	57.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7707	46.393	ug/l	84
93) 1,2,4-Trichlorobenzene	15.104	180	104686	59.325	ug/l	95
94) Hexachlorobutadiene	15.204	225	55672	58.275	ug/l	99
95) Naphthalene	15.334	128	172276	56.152	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	90245	59.114	ug/l	98

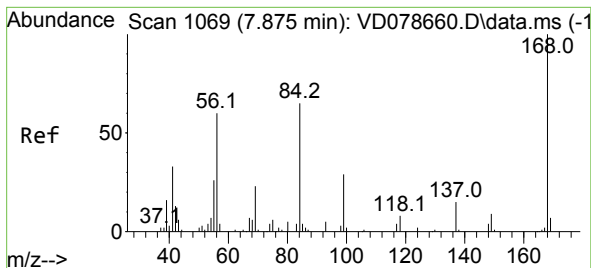
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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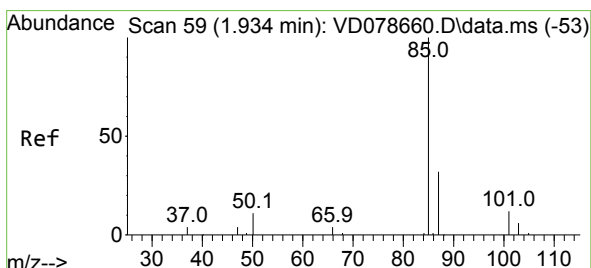
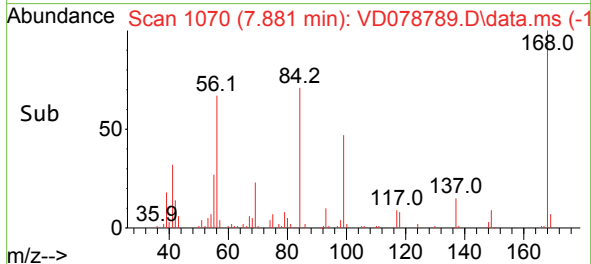
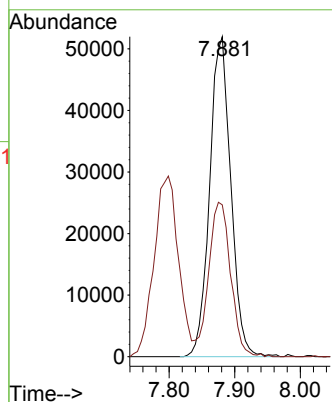
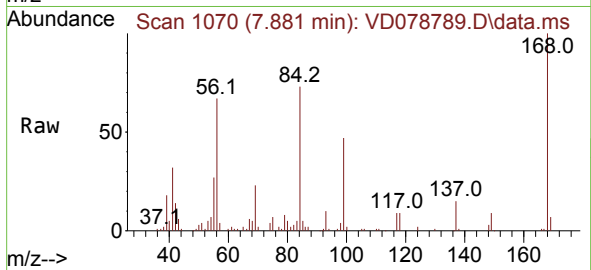
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

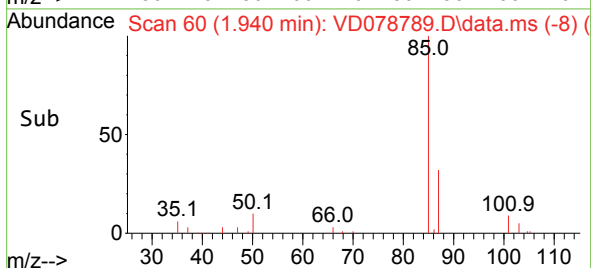
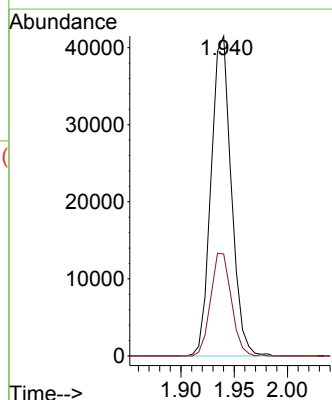
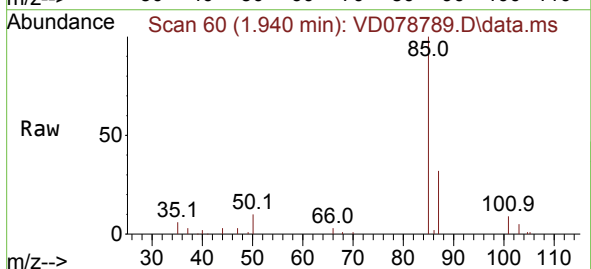
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MSVOA_D
ClientSampleId :
VSTDCCC050

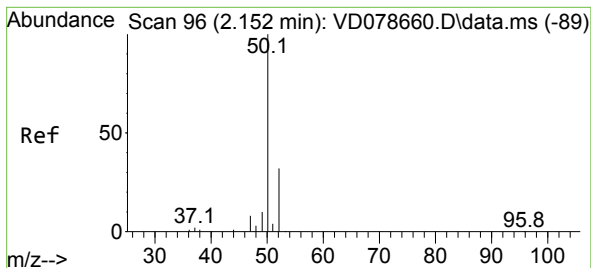
Tgt Ion:168 Resp: 116488
Ion Ratio Lower Upper
168 100
99 47.4 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 50.440 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 85 Resp: 54685
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.5





#3

Chloromethane

Concen: 46.039 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

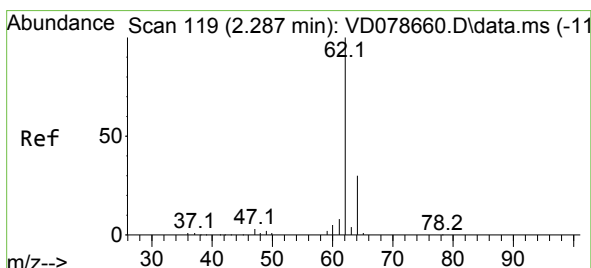
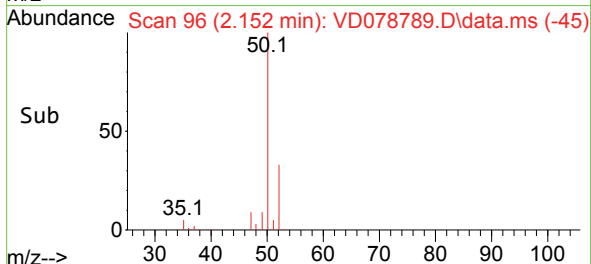
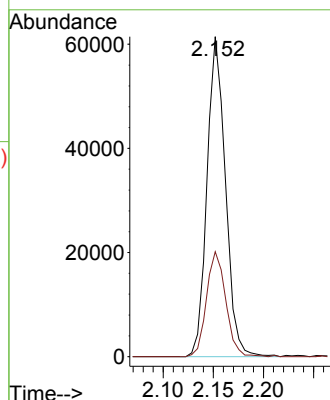
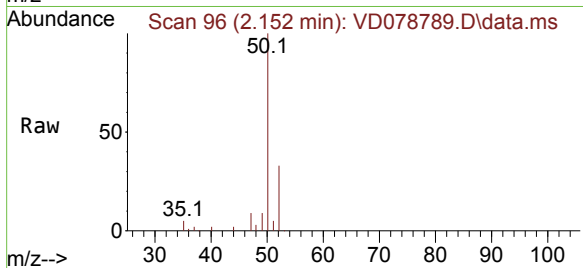
VSTDCCC050

Tgt Ion: 50 Resp: 78811

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 47.142 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078789.D

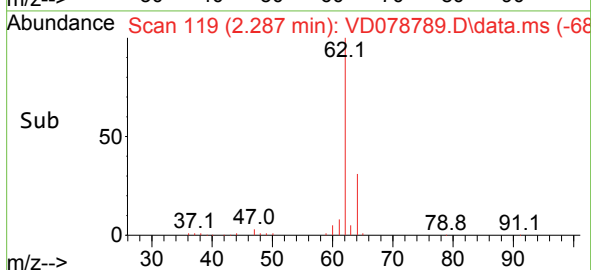
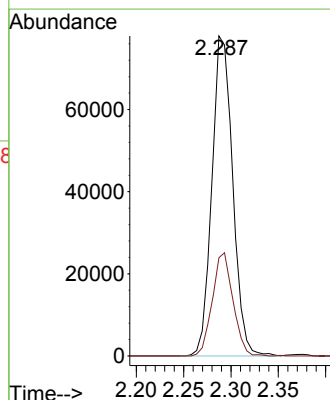
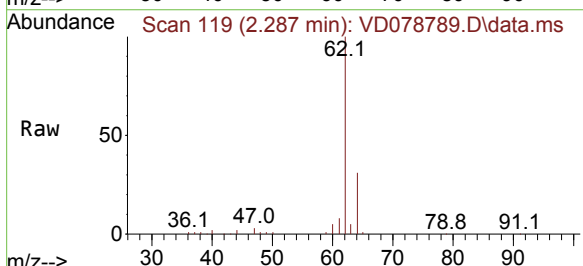
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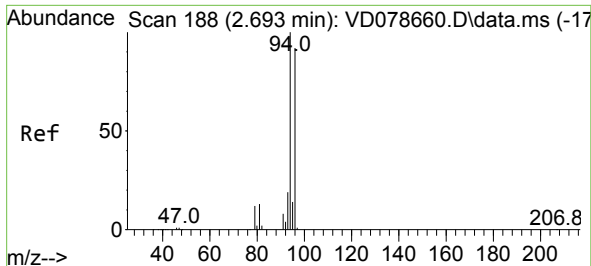
Tgt Ion: 62 Resp: 119046

Ion Ratio Lower Upper

62 100

64 30.7 23.7 35.5

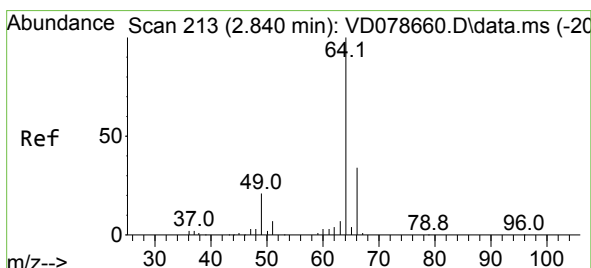
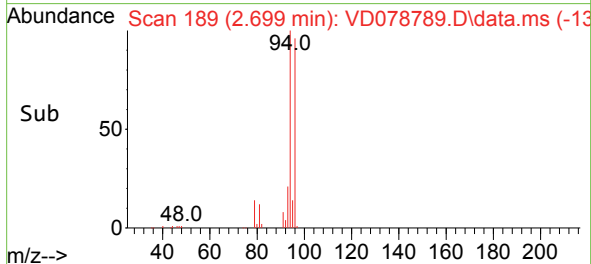
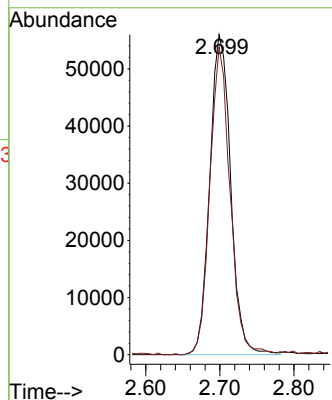
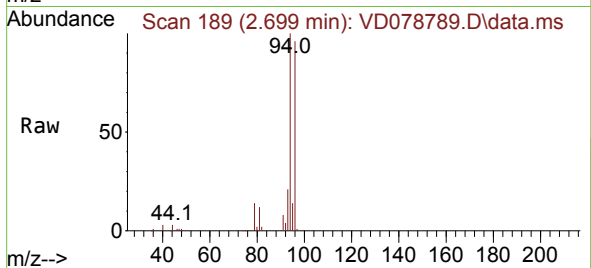




#5
Bromomethane
Concen: 45.399 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

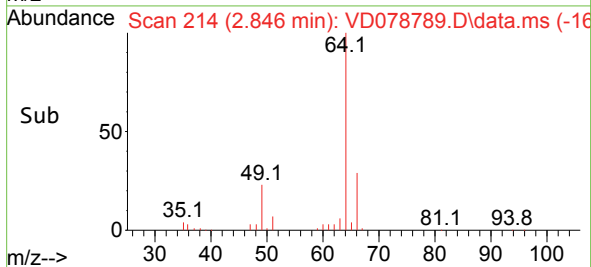
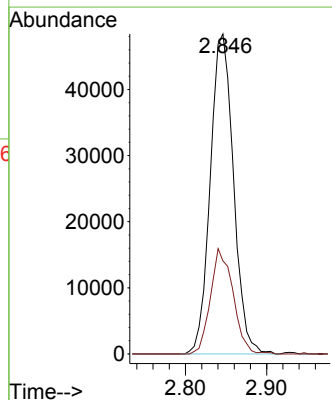
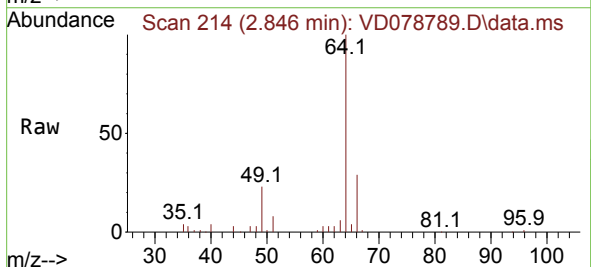
Instrument :
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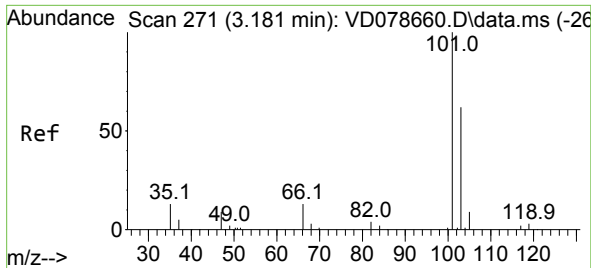
Tgt Ion: 94 Resp: 109766
Ion Ratio Lower Upper
94 100
96 92.8 73.5 110.3



#6
Chloroethane
Concen: 48.799 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 64 Resp: 96101
Ion Ratio Lower Upper
64 100
66 29.1 26.8 40.2

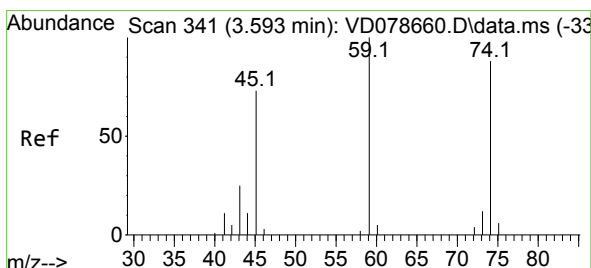
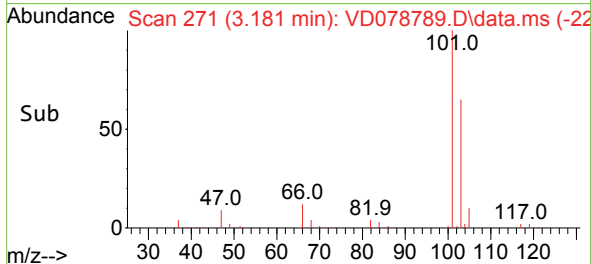
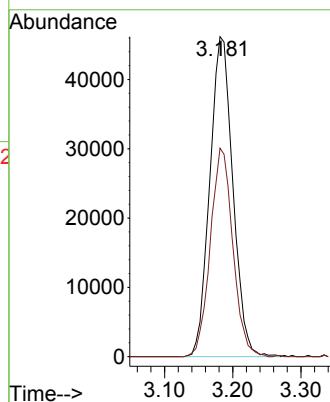
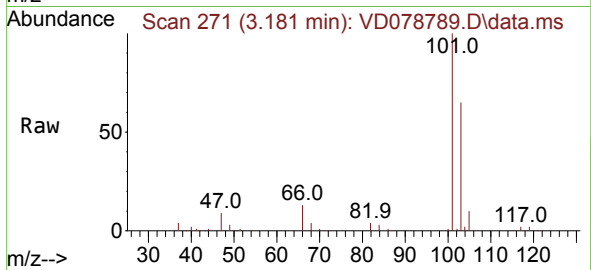




#7
 Trichlorofluoromethane
 Concen: 54.398 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

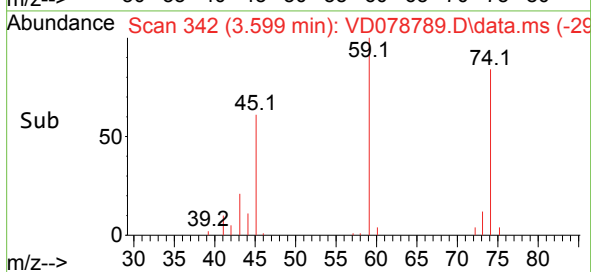
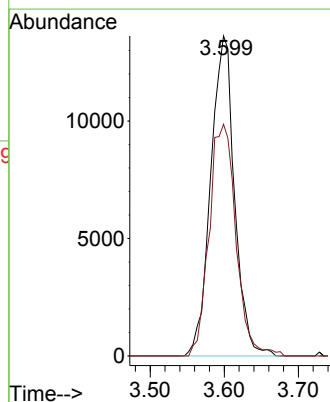
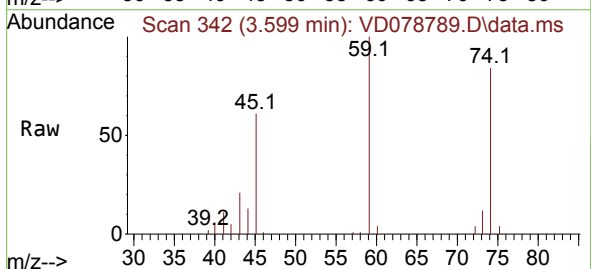
Instrument :
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 VSTDCCC050

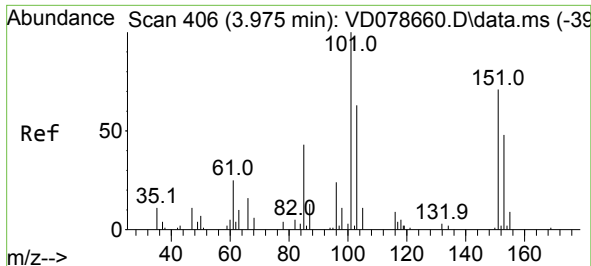
Tgt Ion:101 Resp: 108674
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.7 74.5



#8
 Diethyl Ether
 Concen: 52.173 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

Tgt Ion: 74 Resp: 30432
 Ion Ratio Lower Upper
 74 100
 45 81.2 42.4 127.3

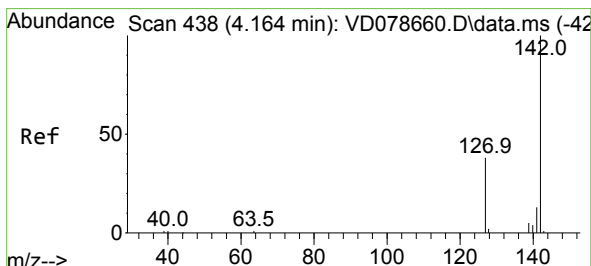
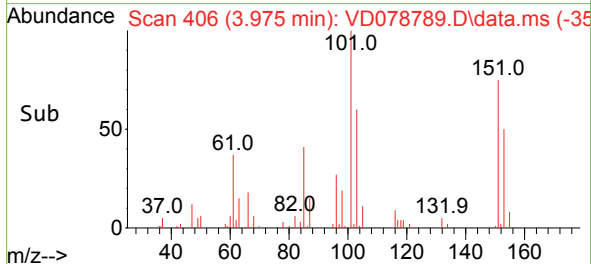
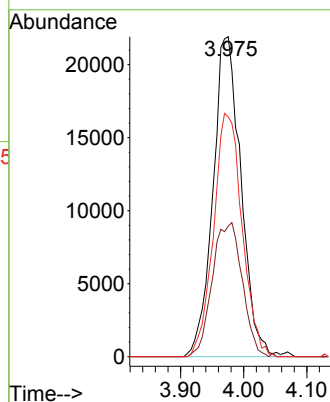
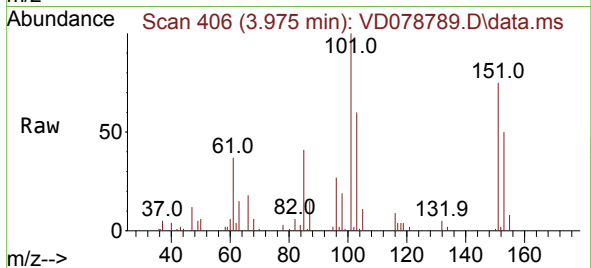




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.782 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078789.D
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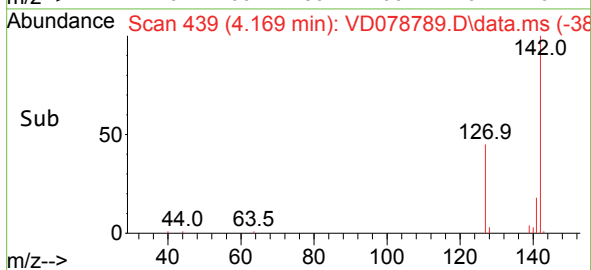
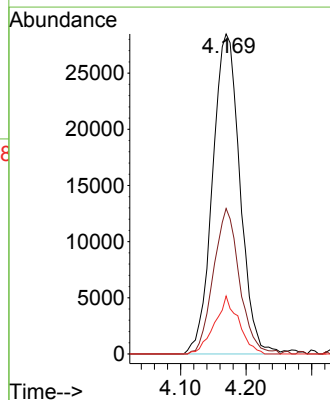
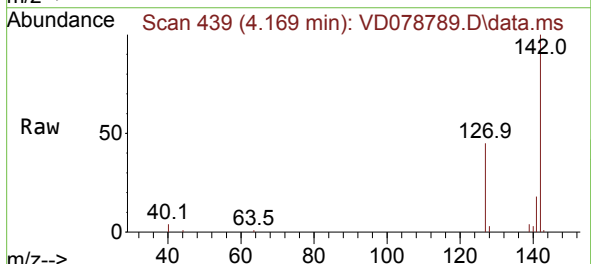
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

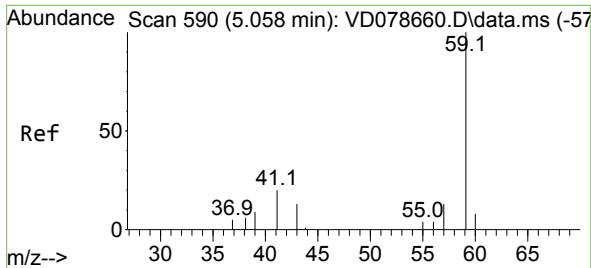
Tgt Ion:101 Resp: 67431
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 77.5 59.4 89.2



#10
Methyl Iodide
Concen: 55.632 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:142 Resp: 82507
Ion Ratio Lower Upper
142 100
127 43.3 33.5 50.3
141 16.0 11.7 17.5

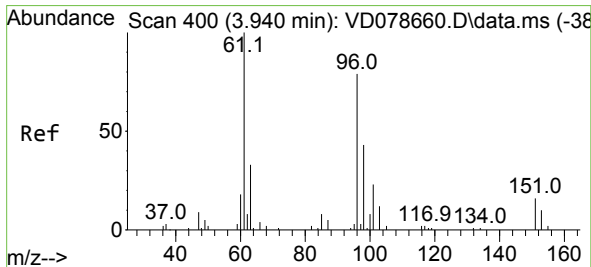
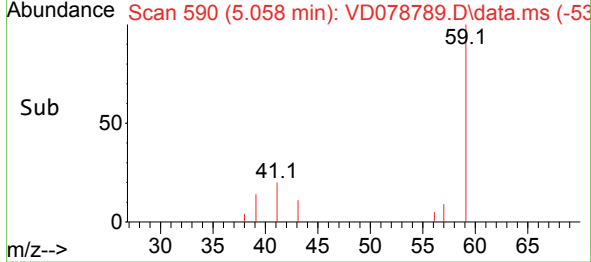
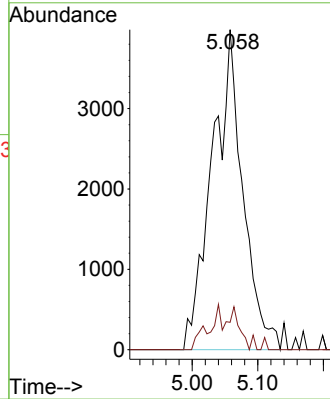
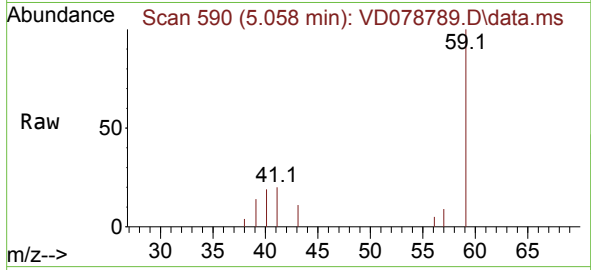




#11
Tert butyl alcohol
Concen: 266.111 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

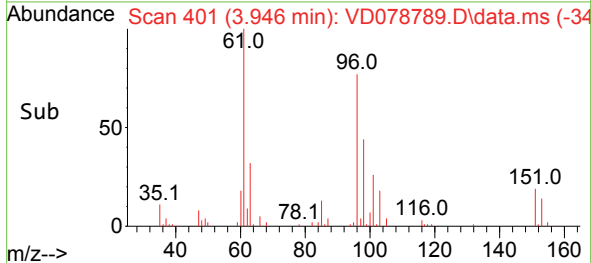
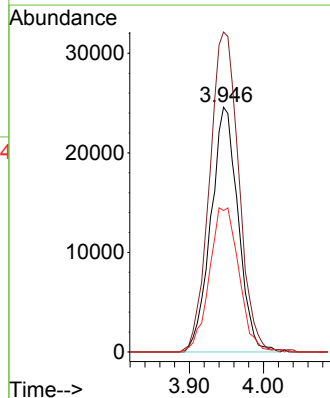
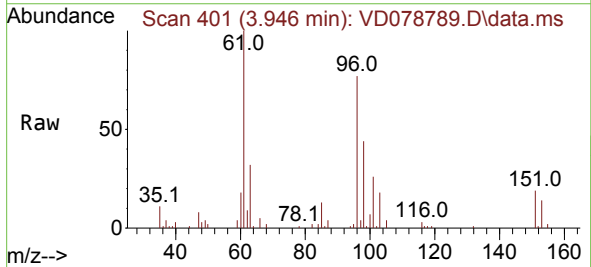
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

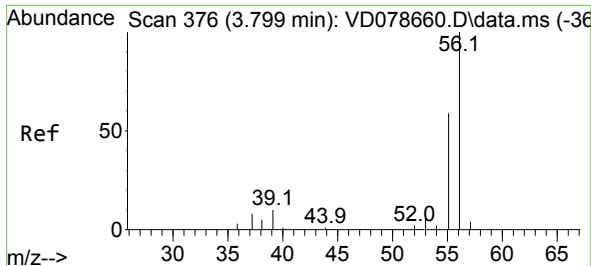
Tgt Ion: 59 Resp: 13001
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 52.708 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 96 Resp: 62821
Ion Ratio Lower Upper
96 100
61 130.7 101.4 152.0
98 57.8 43.4 65.0





#13

Acrolein

Concen: 98.247 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

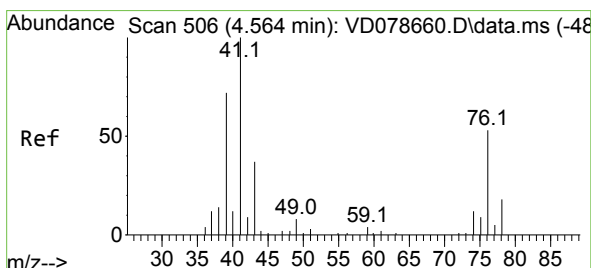
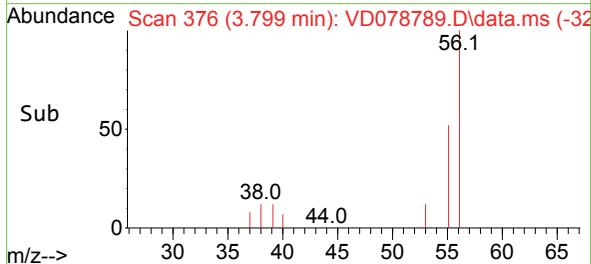
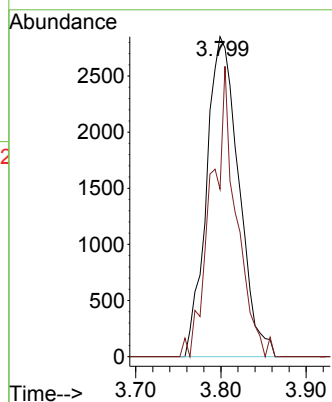
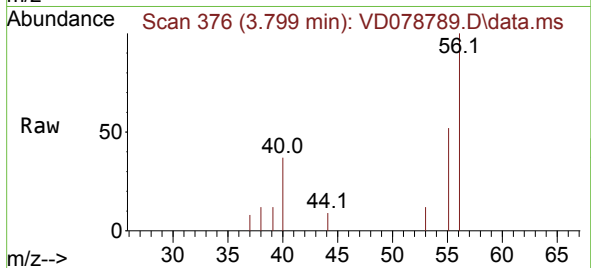
VSTDCCC050

Tgt Ion: 56 Resp: 7519

Ion Ratio Lower Upper

56 100

55 70.3 54.9 82.3



#14

Allyl chloride

Concen: 51.804 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

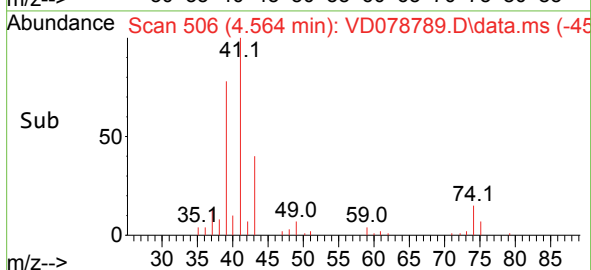
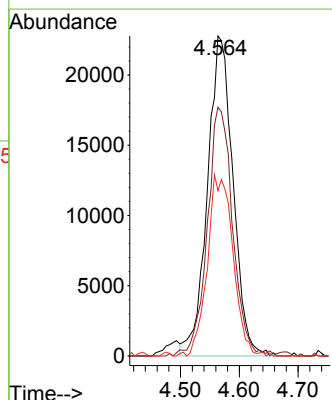
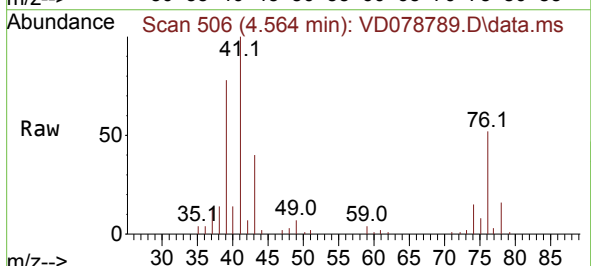
Tgt Ion: 41 Resp: 68895

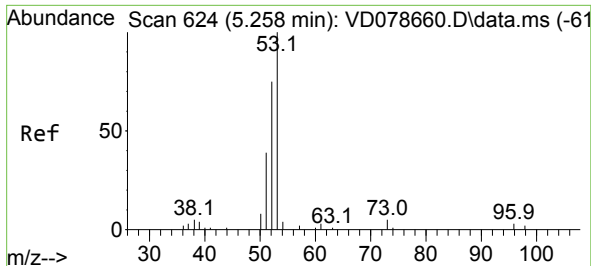
Ion Ratio Lower Upper

41 100

39 76.9 57.8 86.6

76 56.8 44.8 67.2

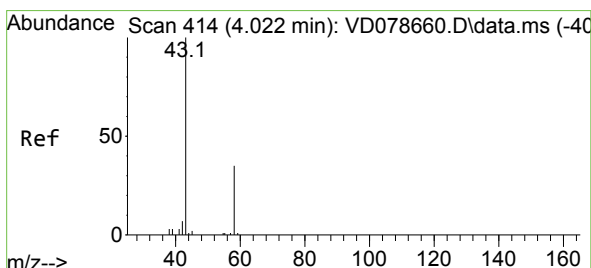
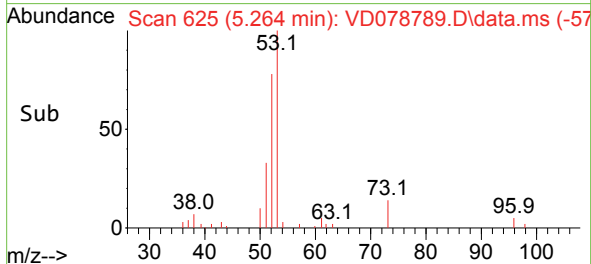
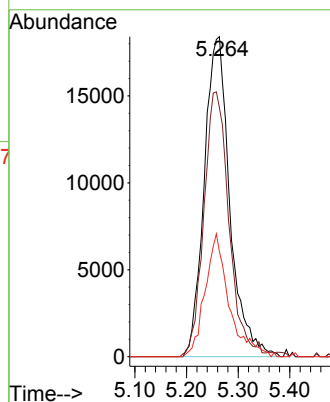
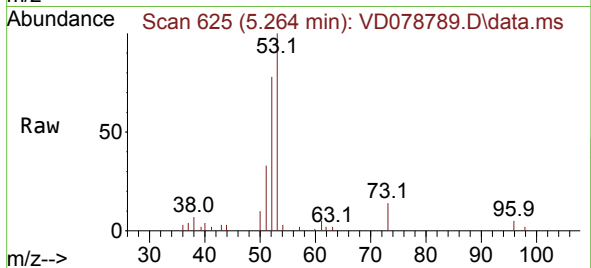




#15
Acrylonitrile
Concen: 269.529 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

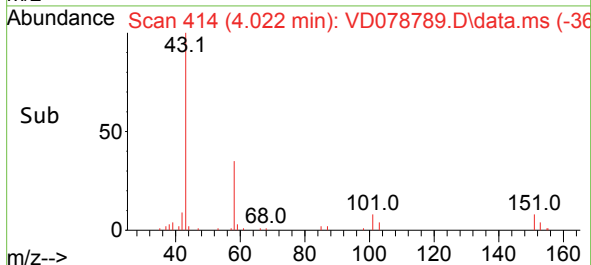
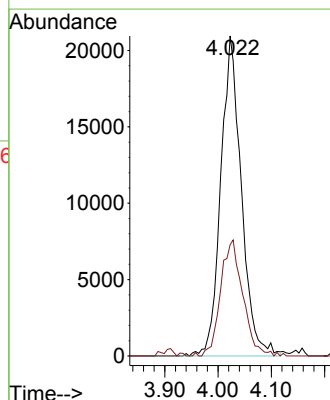
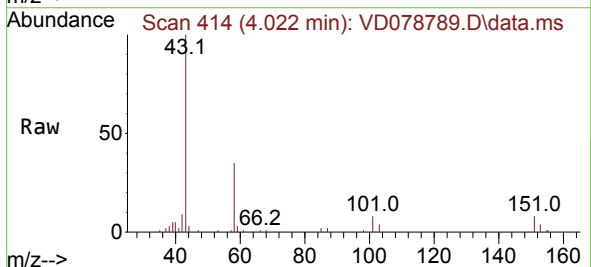
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

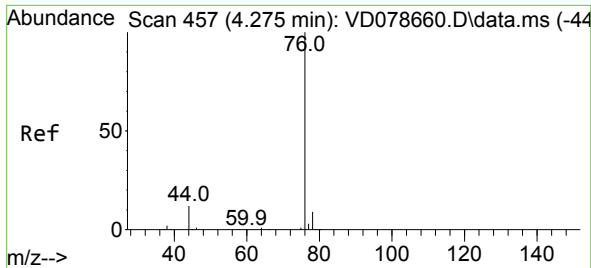
Tgt Ion:	53	Resp:	63376
Ion	Ratio	Lower	Upper
53	100		
52	81.1	61.9	92.9
51	35.9	29.0	43.4



#16
Acetone
Concen: 266.809 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:	43	Resp:	56324
Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.2	42.4

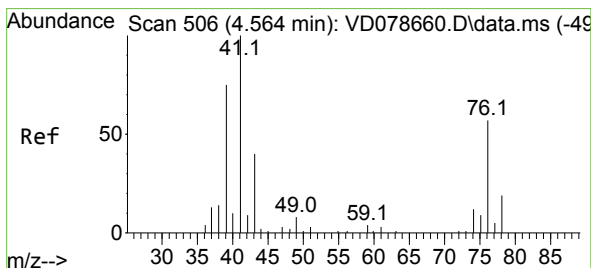
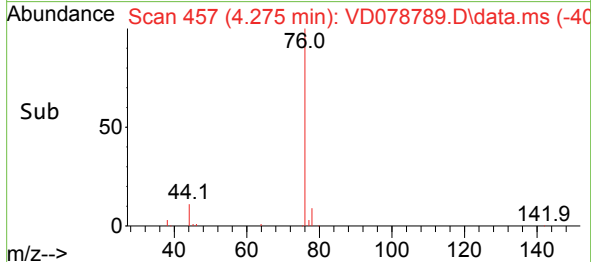
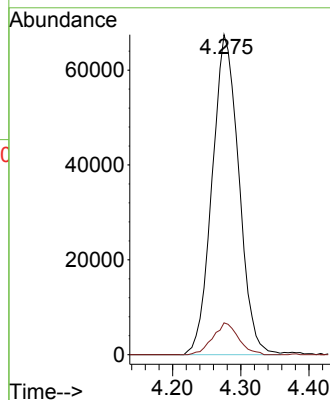
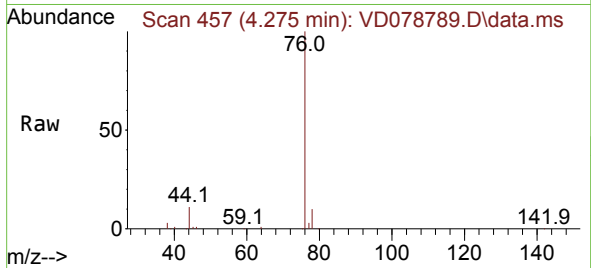




#17
Carbon Disulfide
Concen: 47.094 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

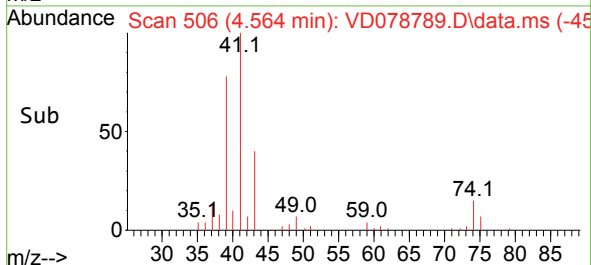
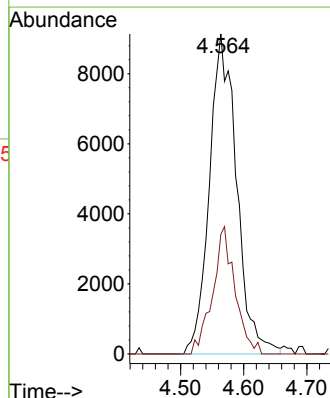
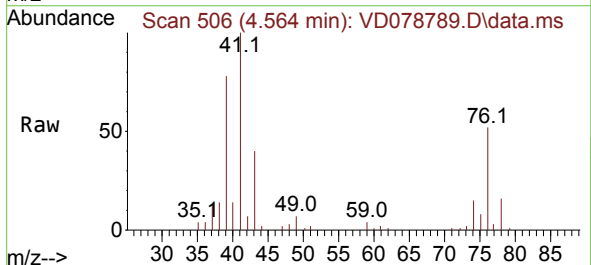
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

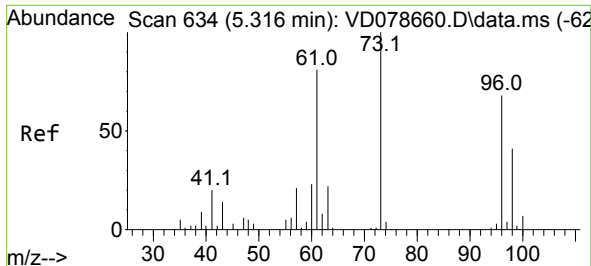
Tgt Ion: 76 Resp: 184009
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#18
Methyl Acetate
Concen: 60.378 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 43 Resp: 27354
Ion Ratio Lower Upper
43 100
74 32.6 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 57.625 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

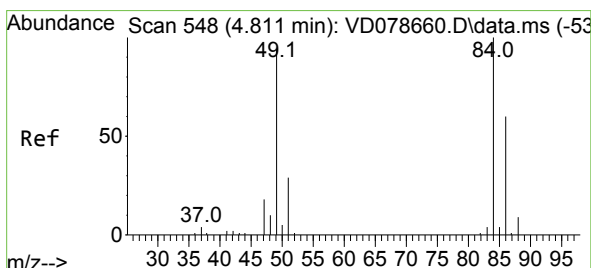
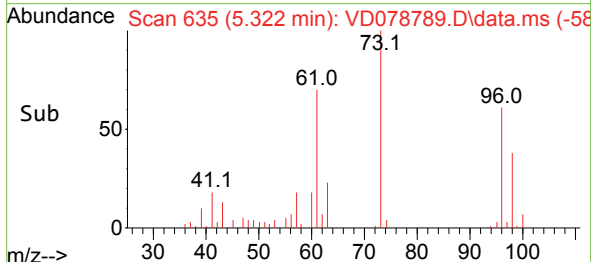
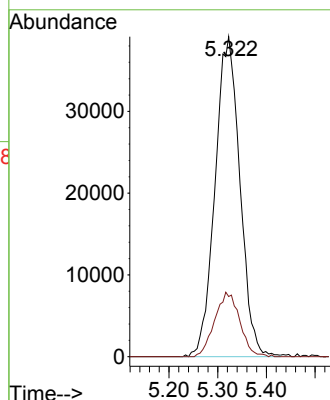
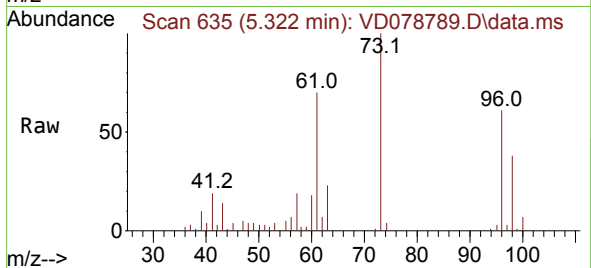
VSTDCCC050

Tgt Ion: 73 Resp: 138508

Ion Ratio Lower Upper

73 100

57 18.8 16.4 24.6



#20

Methylene Chloride

Concen: 59.610 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Tgt Ion: 84 Resp: 84445

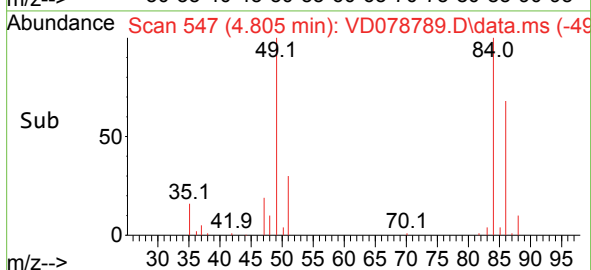
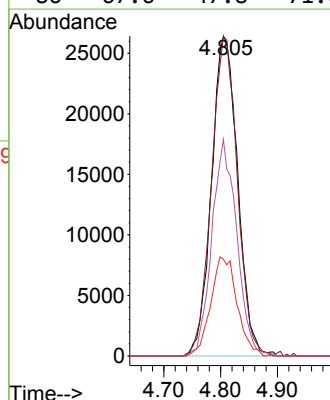
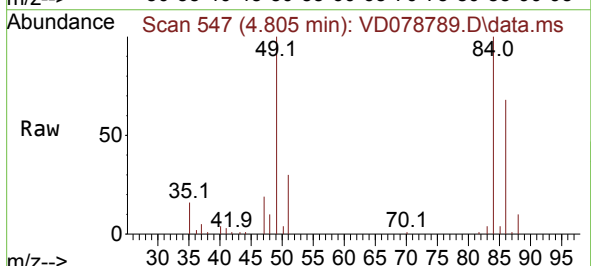
Ion Ratio Lower Upper

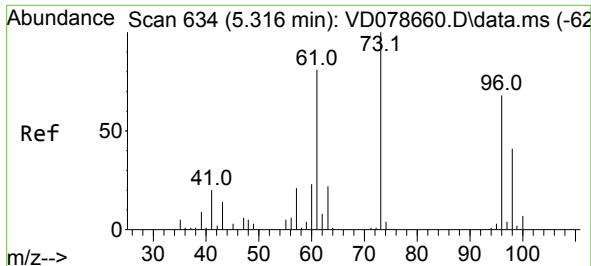
84 100

49 99.8 75.6 113.4

51 30.2 23.4 35.0

86 67.6 47.8 71.6

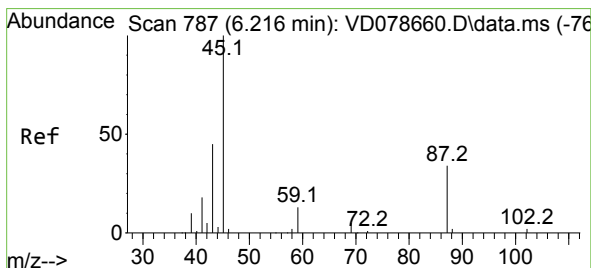
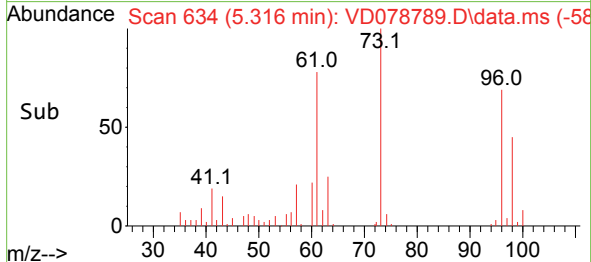
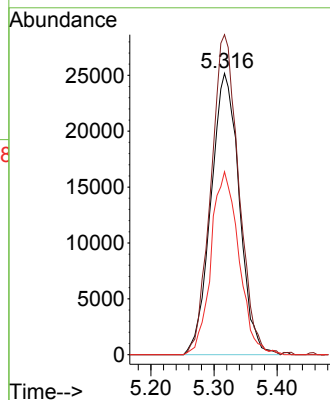
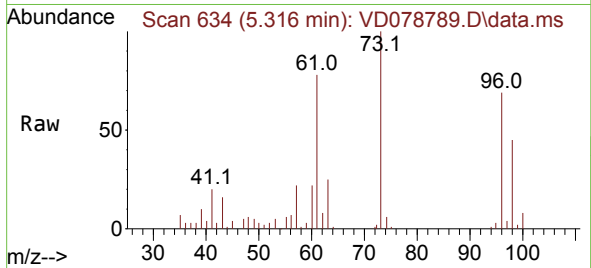




#21
trans-1,2-Dichloroethene
Concen: 55.746 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

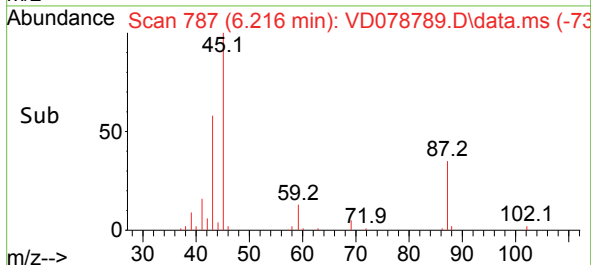
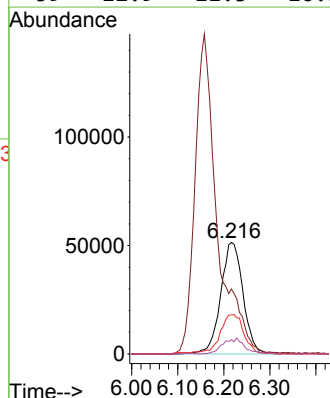
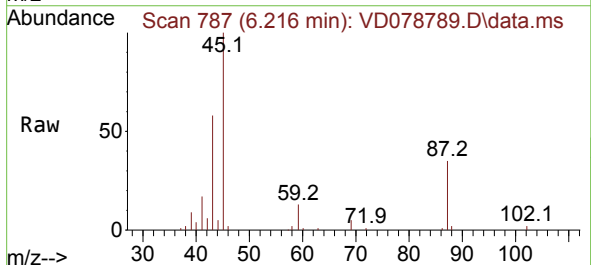
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

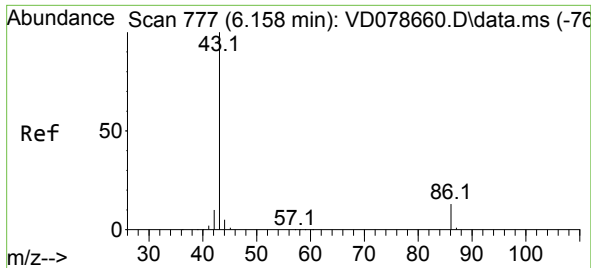
Tgt Ion: 96 Resp: 78400
Ion Ratio Lower Upper
96 100
61 113.8 96.1 144.1
98 65.0 48.9 73.3



#22
Diisopropyl ether
Concen: 57.033 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 45 Resp: 172446
Ion Ratio Lower Upper
45 100
43 57.4 44.3 66.5
87 35.0 28.3 42.5
59 12.9 11.3 16.9

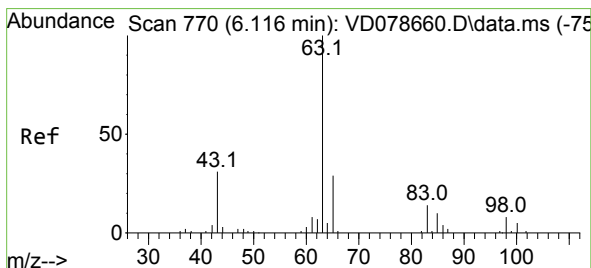
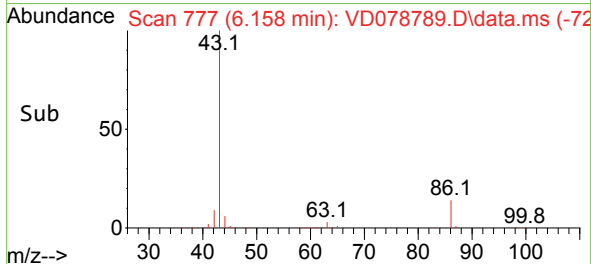
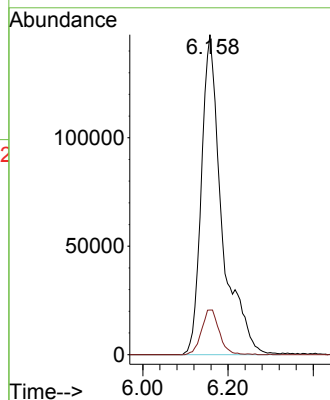
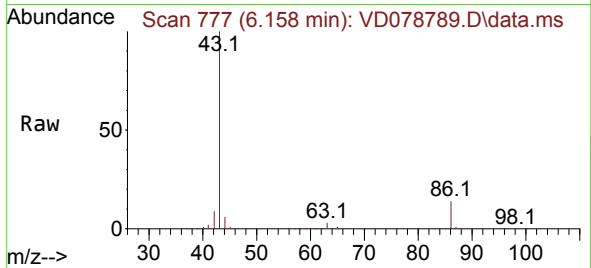




#23
 Vinyl Acetate
 Concen: 279.904 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

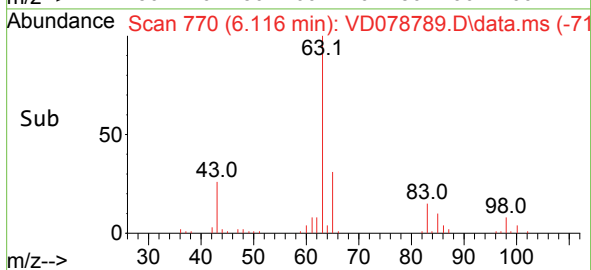
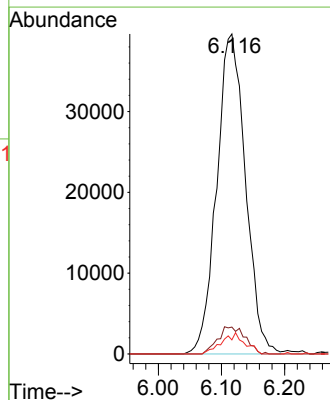
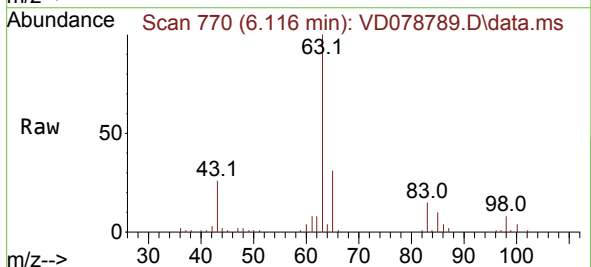
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

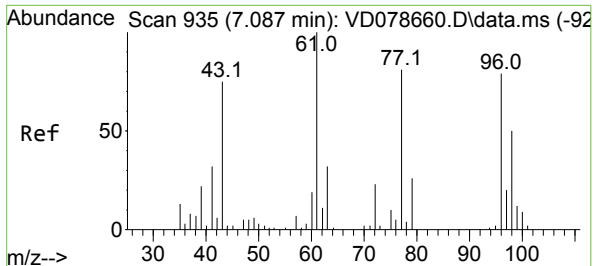
Tgt Ion: 43 Resp: 495052
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 55.186 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

Tgt Ion: 63 Resp: 125104
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 11.9
 100 4.4 2.7 8.1

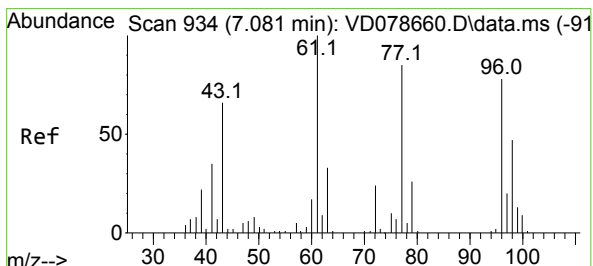
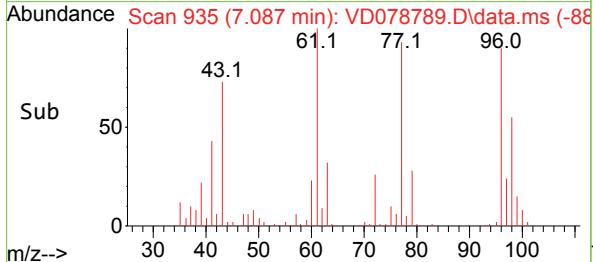
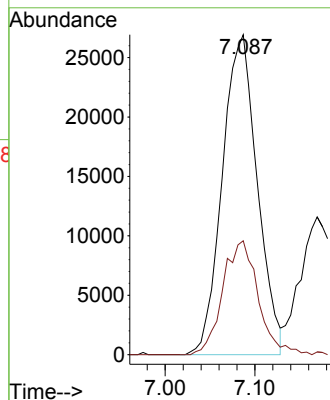
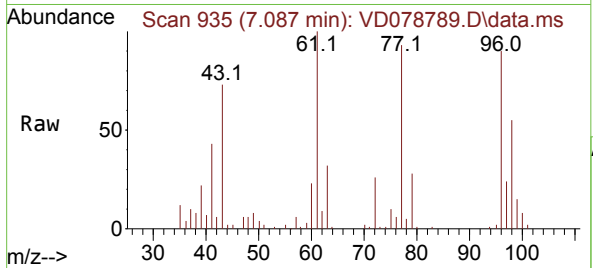




#25
2-Butanone
Concen: 259.529 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

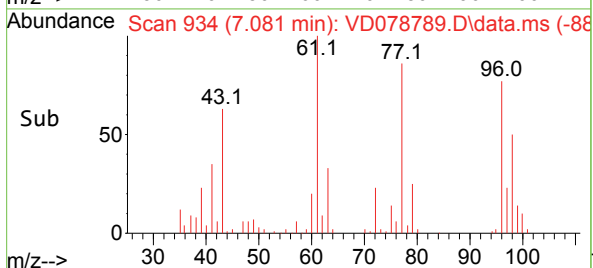
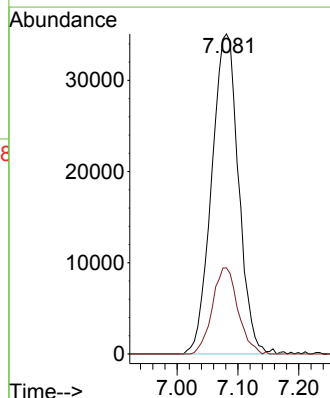
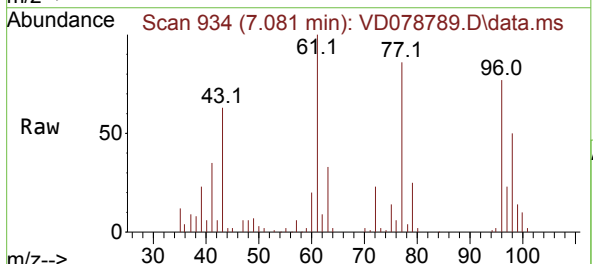
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

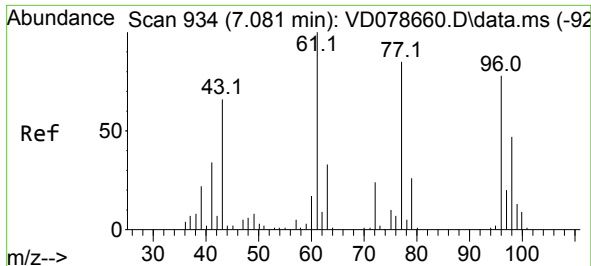
Tgt Ion: 43 Resp: 72840
Ion Ratio Lower Upper
43 100
72 35.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 56.159 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 77 Resp: 107710
Ion Ratio Lower Upper
77 100
97 25.6 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 56.151 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

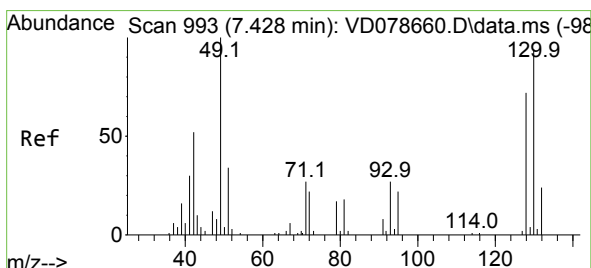
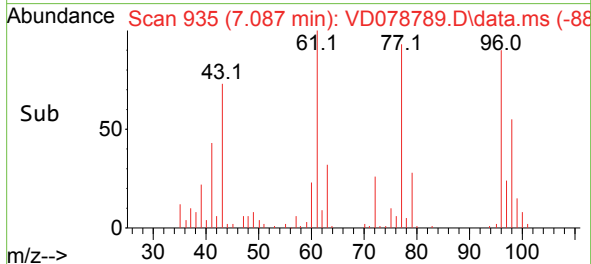
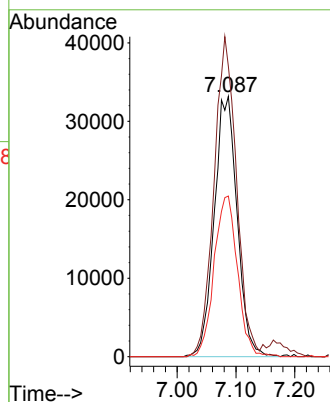
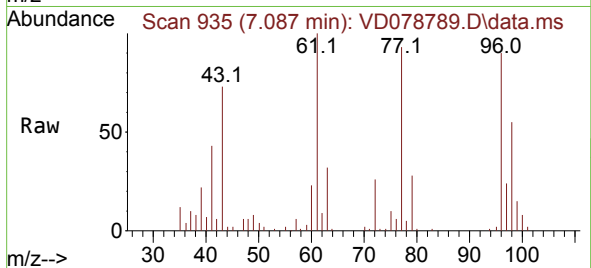
Tgt Ion: 96 Resp: 90070

Ion Ratio Lower Upper

96 100

61 120.3 0.0 245.0

98 63.0 0.0 126.6



#28

Bromochloromethane

Concen: 49.369 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

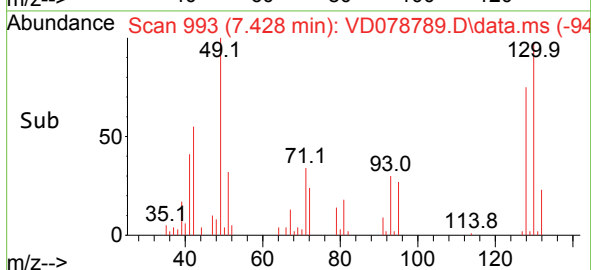
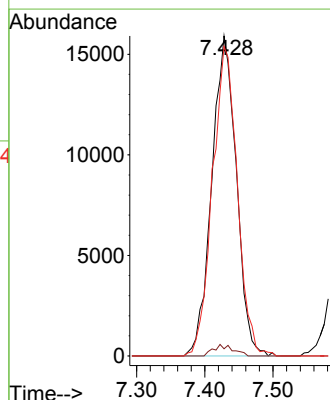
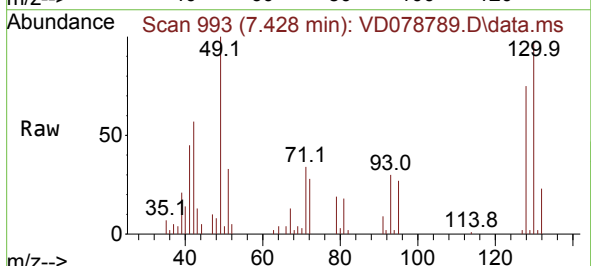
Tgt Ion: 49 Resp: 39900

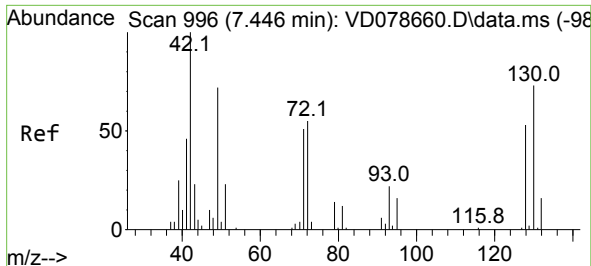
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.2

130 98.0 77.1 115.7





#29

Tetrahydrofuran

Concen: 279.803 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

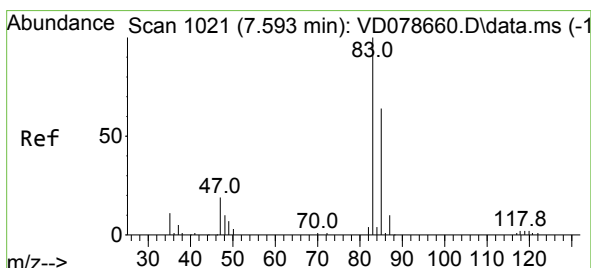
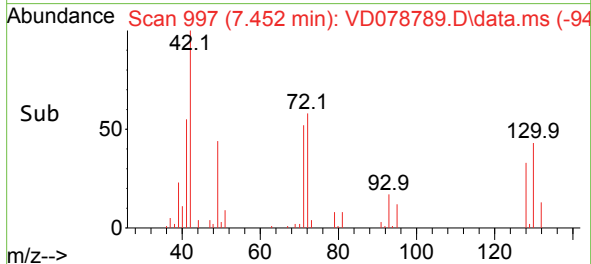
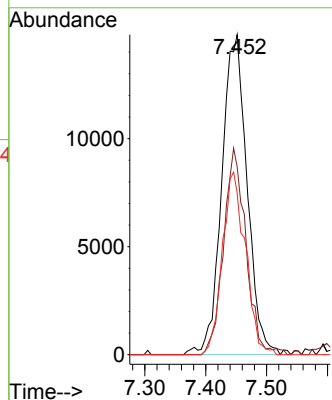
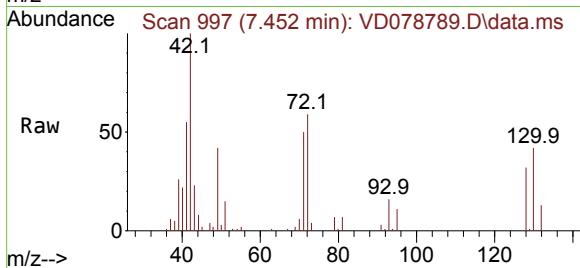
Tgt Ion: 42 Resp: 42713

Ion Ratio Lower Upper

42 100

72 57.3 43.8 65.6

71 52.2 42.0 63.0



#30

Chloroform

Concen: 57.238 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078789.D

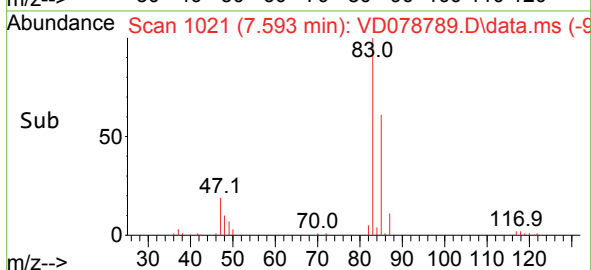
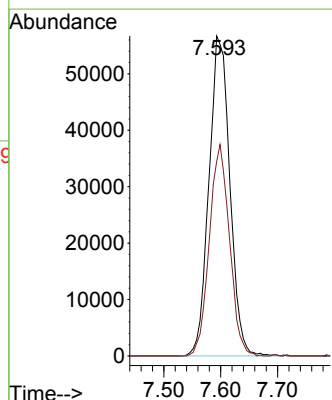
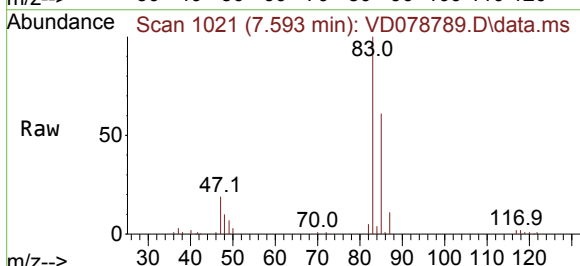
Acq: 29 Mar 2024 12:41

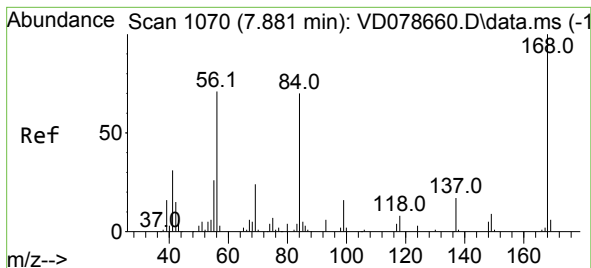
Tgt Ion: 83 Resp: 144674

Ion Ratio Lower Upper

83 100

85 60.8 51.2 76.8





#31

Cyclohexane

Concen: 49.832 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

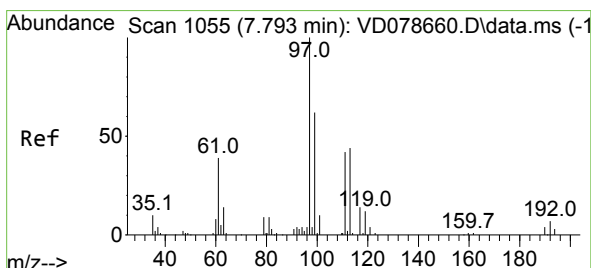
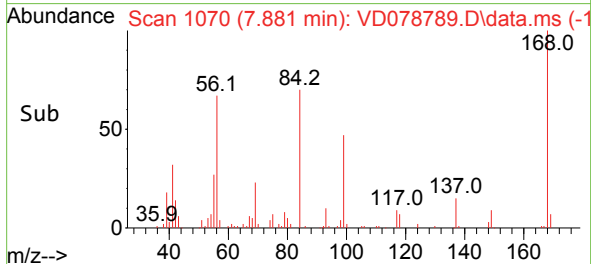
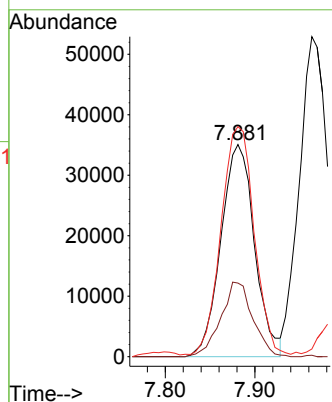
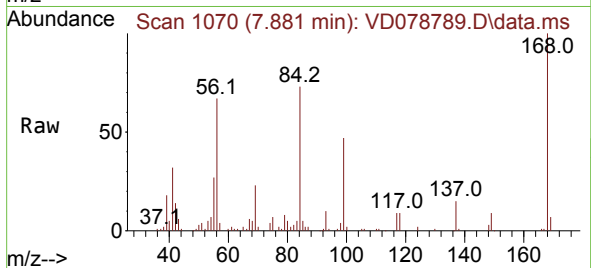
Tgt Ion: 56 Resp: 91438

Ion Ratio Lower Upper

56 100

69 34.7 26.6 40.0

84 107.7 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 55.827 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

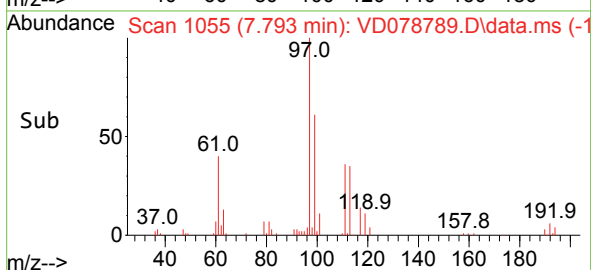
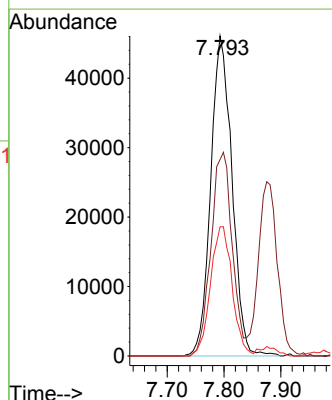
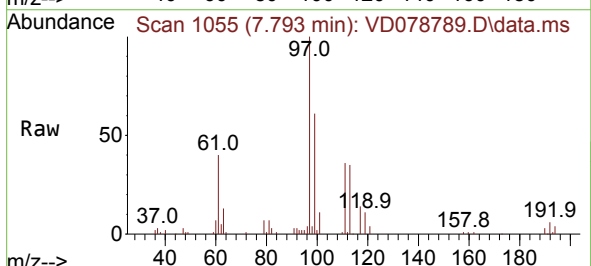
Tgt Ion: 97 Resp: 119721

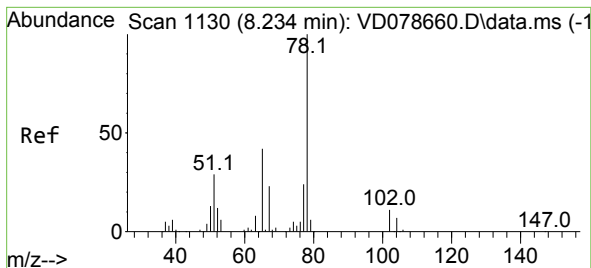
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 41.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.055 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

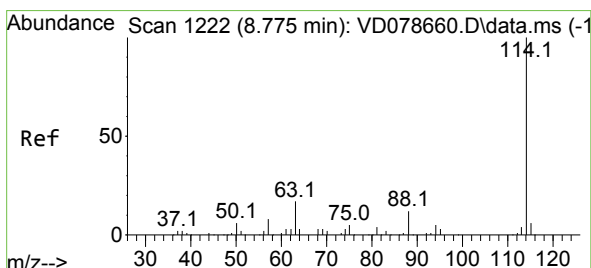
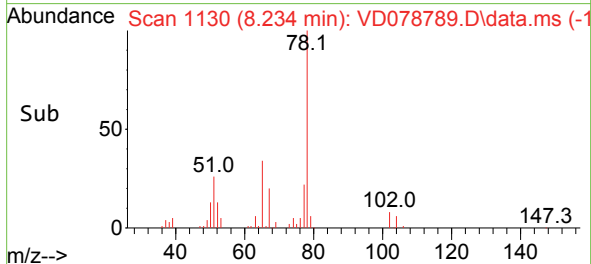
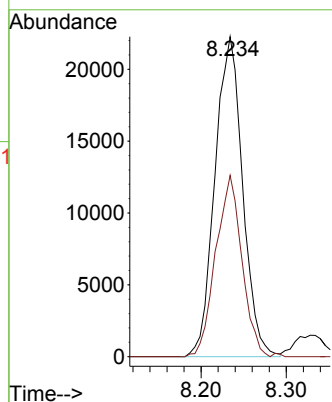
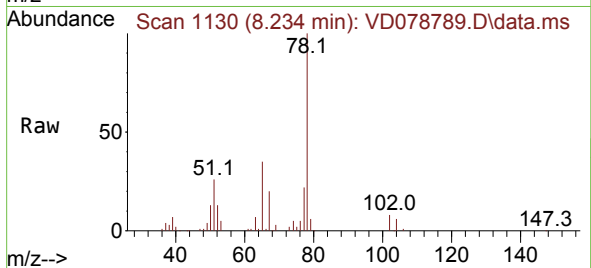
VSTDCCC050

Tgt Ion: 65 Resp: 50277

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

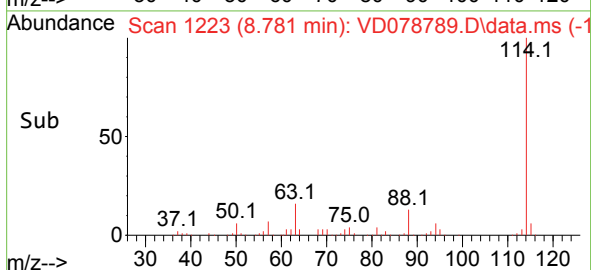
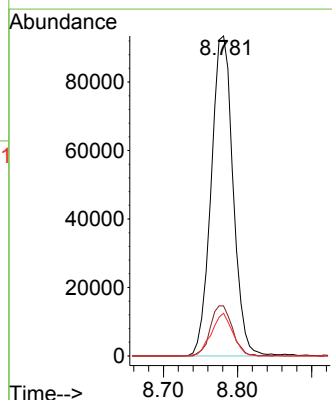
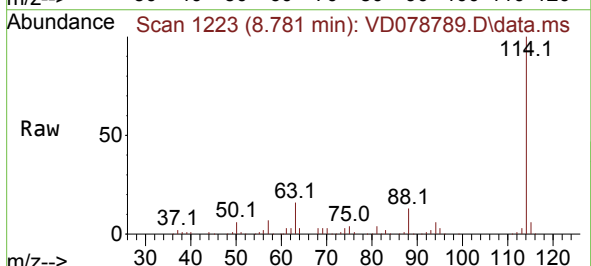
Tgt Ion: 114 Resp: 192088

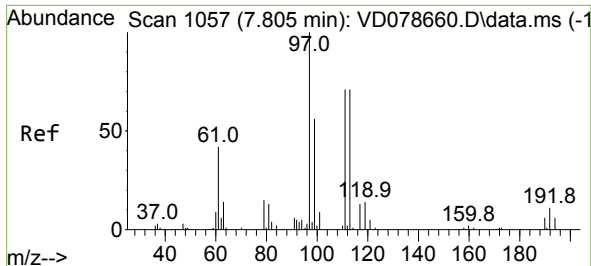
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 13.3 0.0 24.6

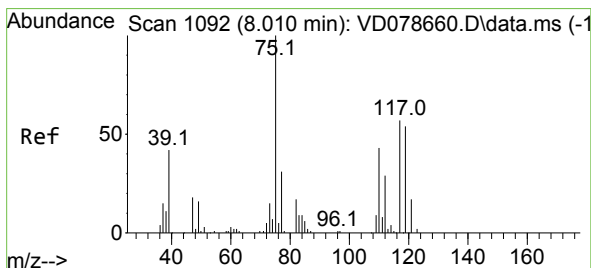
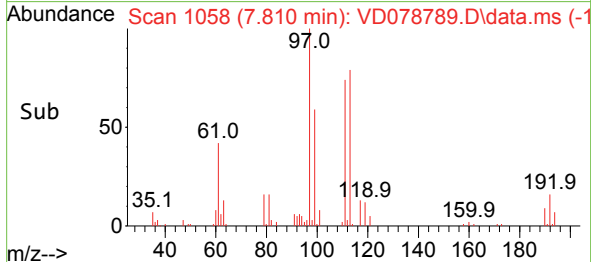
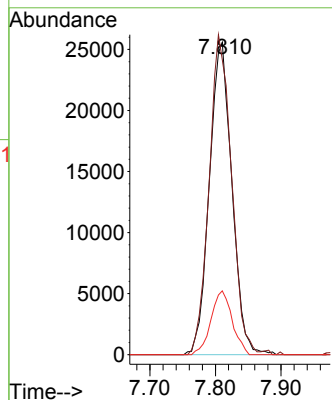
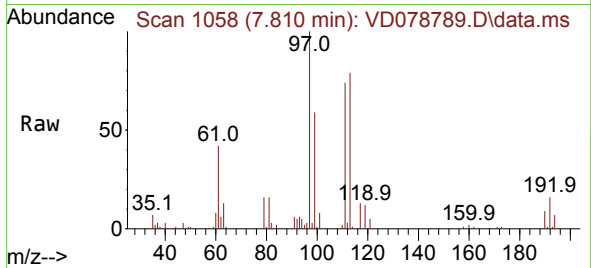




#35
Dibromofluoromethane
Concen: 49.390 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

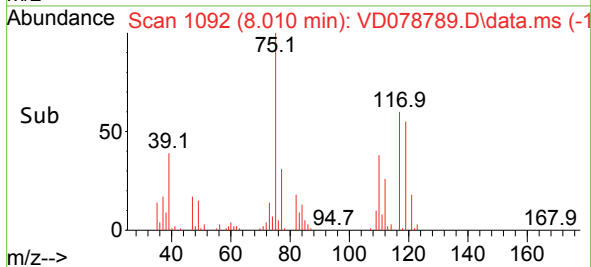
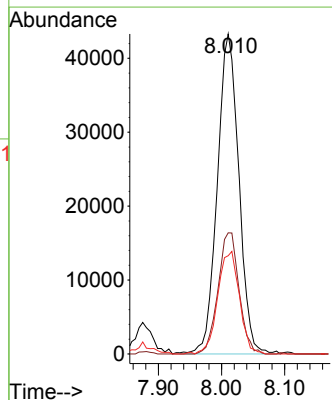
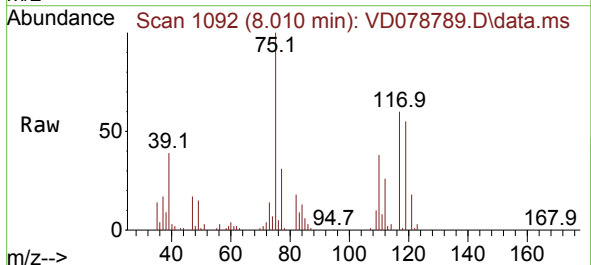
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

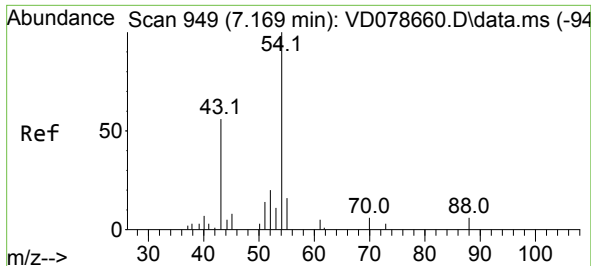
Tgt Ion:113 Resp: 61083
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 57.215 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 75 Resp: 102670
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.1
77 32.3 25.4 38.2





#37

Ethyl Acetate

Concen: 55.928 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

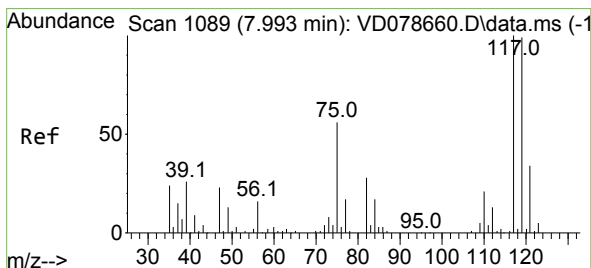
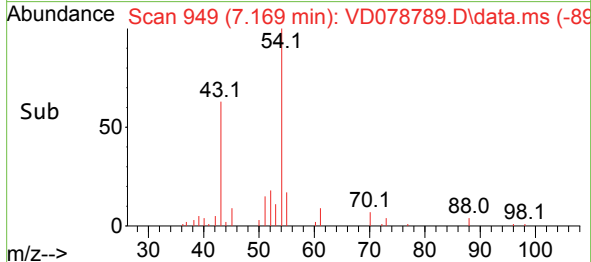
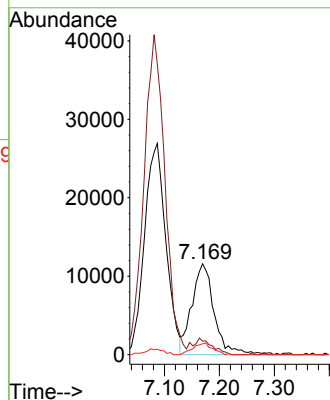
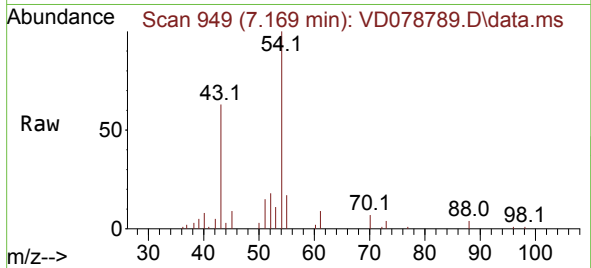
Tgt Ion: 43 Resp: 32786

Ion Ratio Lower Upper

43 100

61 15.7 14.6 21.8

70 11.2 9.4 14.0



#38

Carbon Tetrachloride

Concen: 58.803 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

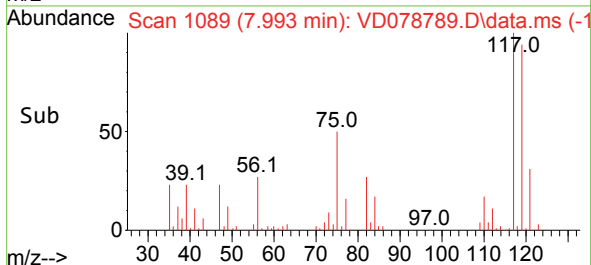
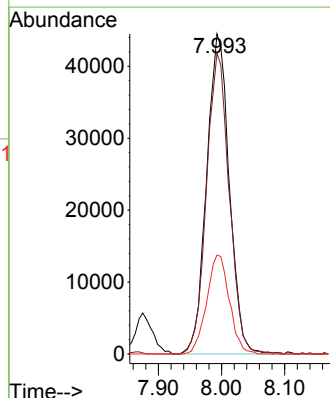
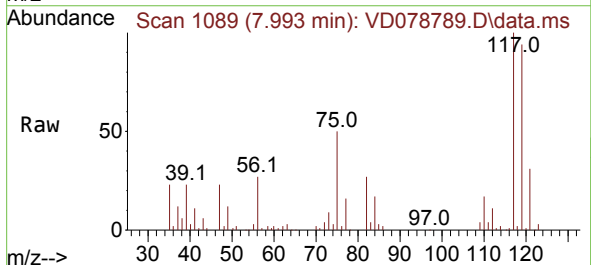
Tgt Ion: 117 Resp: 111241

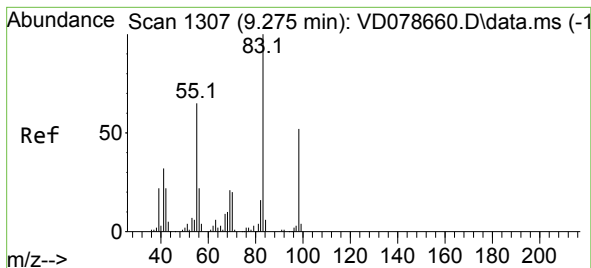
Ion Ratio Lower Upper

117 100

119 94.0 79.2 118.8

121 30.9 26.8 40.2

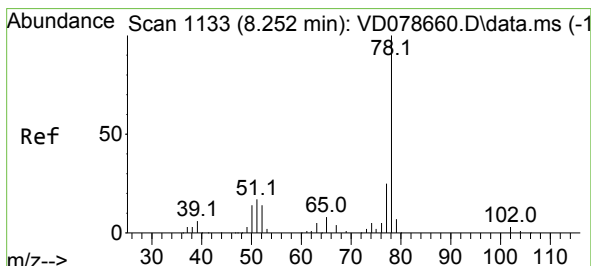
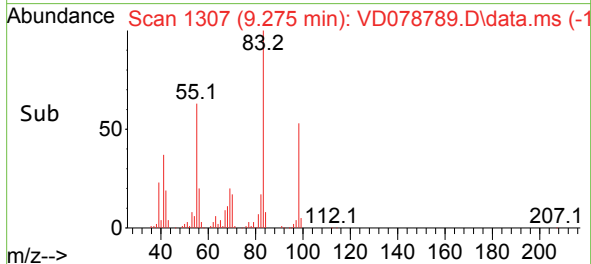
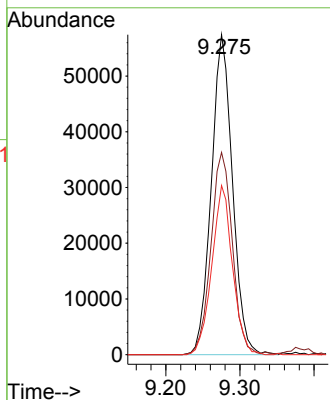
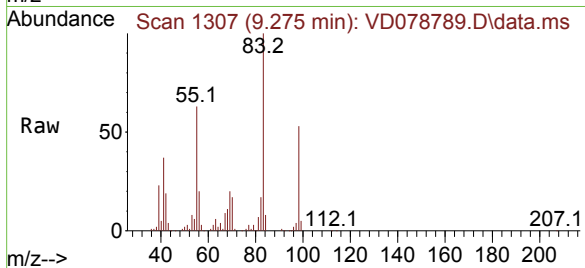




#39
Methylcyclohexane
Concen: 54.695 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

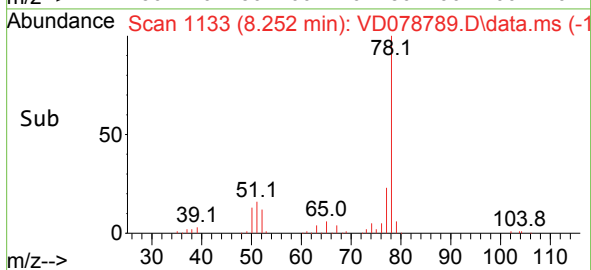
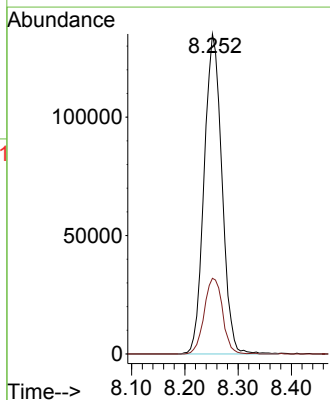
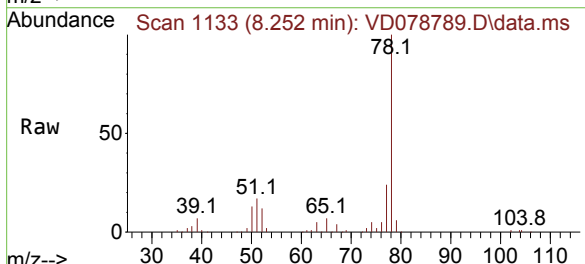
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

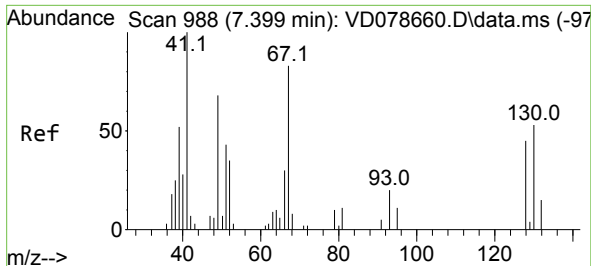
Tgt Ion: 83 Resp: 113854
Ion Ratio Lower Upper
83 100
55 63.2 51.7 77.5
98 52.9 41.4 62.0



#40
Benzene
Concen: 57.833 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 78 Resp: 313708
Ion Ratio Lower Upper
78 100
77 23.6 20.4 30.6

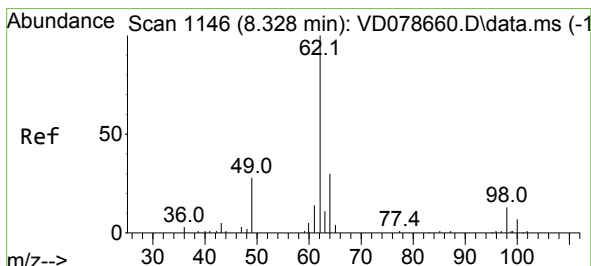
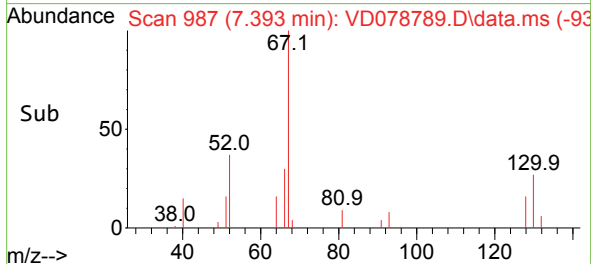
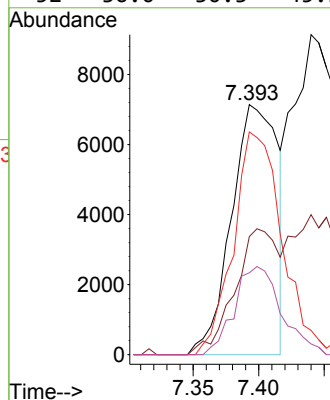
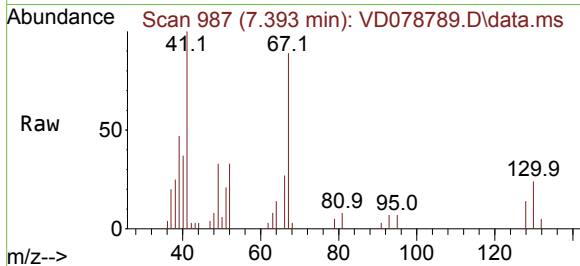




#41
Methacrylonitrile
Concen: 56.991 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

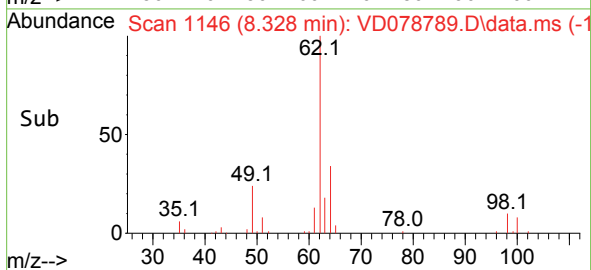
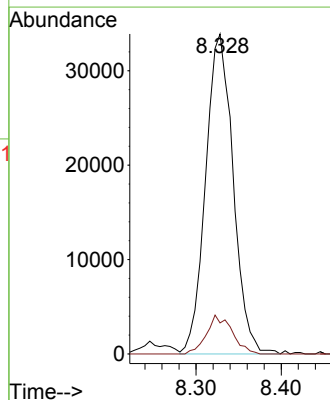
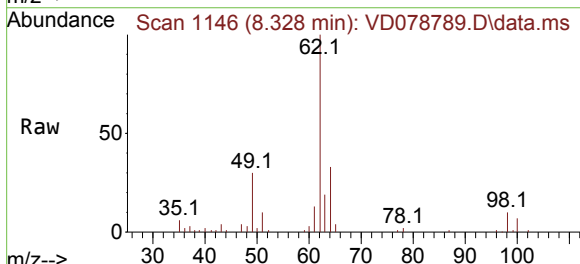
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

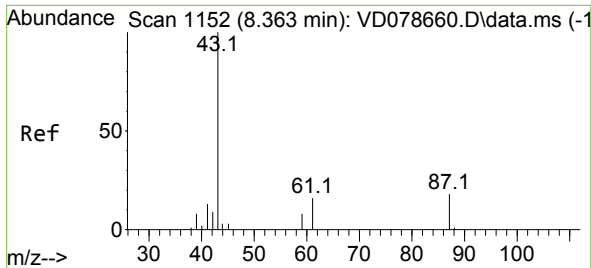
Tgt Ion: 41	Resp: 17508
Ion Ratio	Lower Upper
41 100	
39 47.4	39.8 59.6
67 94.0	83.5 125.3
52 36.0	30.3 45.5



#42
1,2-Dichloroethane
Concen: 57.547 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 62	Resp: 76125
Ion Ratio	Lower Upper
62 100	
98 11.3	0.0 23.8

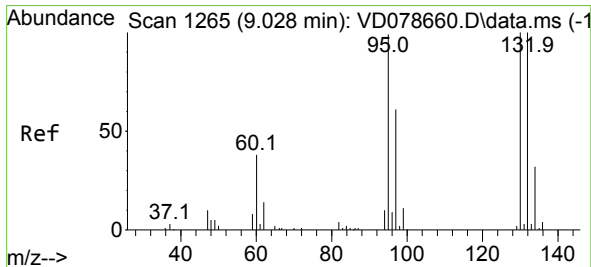
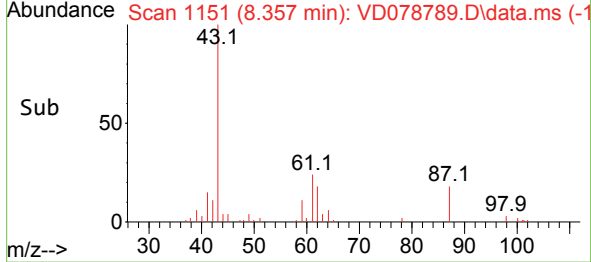
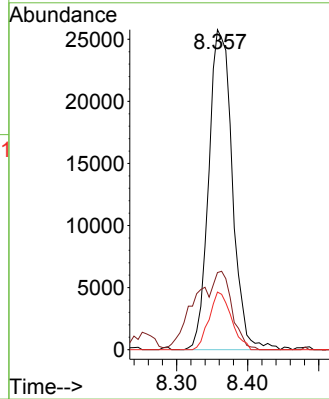
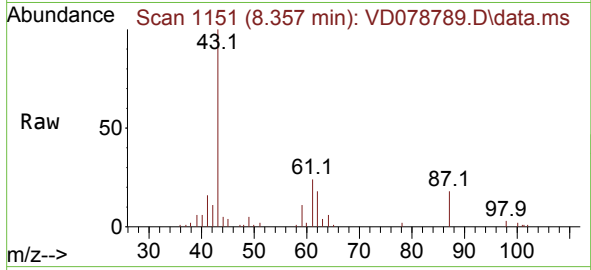




#43
Isopropyl Acetate
Concen: 55.601 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

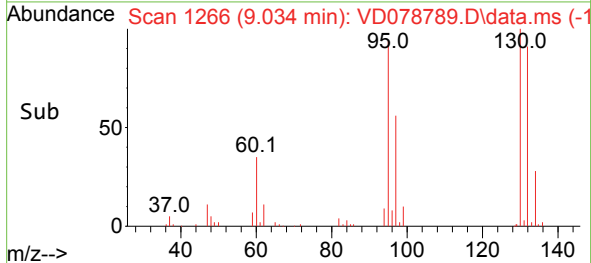
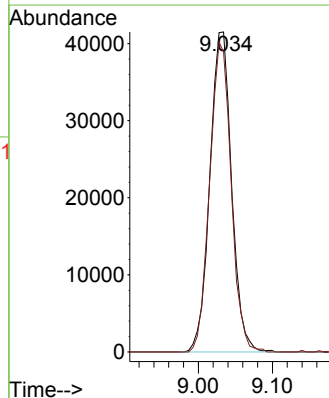
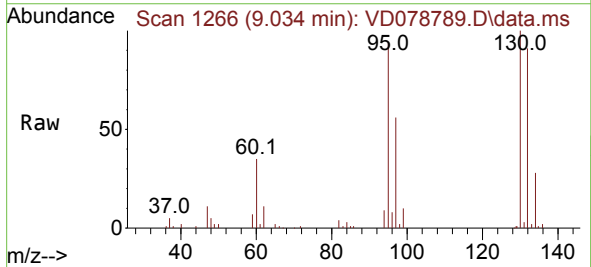
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

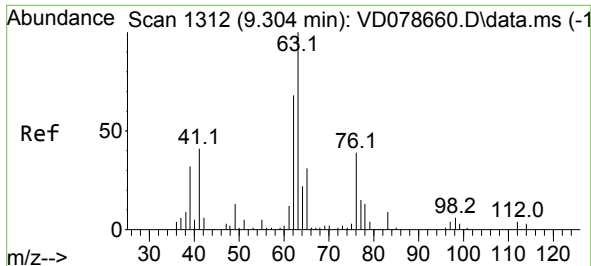
Tgt Ion:	43	Resp:	59277
Ion	Ratio	Lower	Upper
43	100		
61	38.2	30.1	45.1
87	17.0	14.4	21.6



#44
Trichloroethene
Concen: 57.374 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:	130	Resp:	84459
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	197.8





#45

1,2-Dichloropropane

Concen: 57.520 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

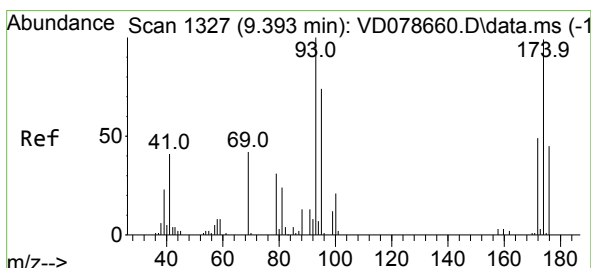
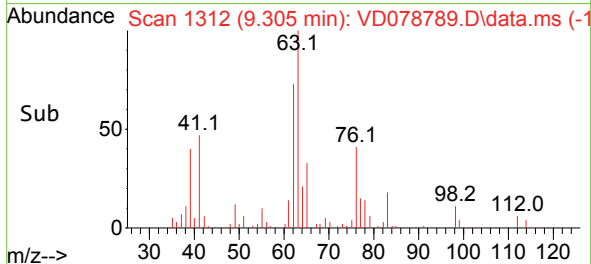
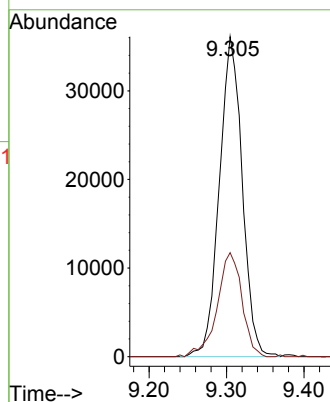
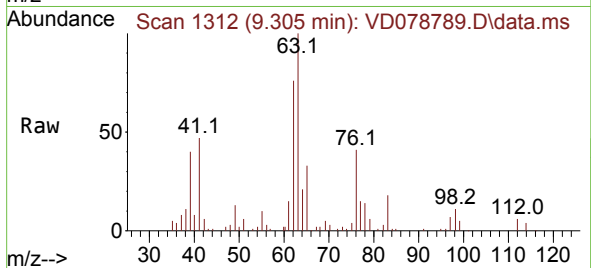
VSTDCCC050

Tgt Ion: 63 Resp: 74015

Ion Ratio Lower Upper

63 100

65 32.0 24.8 37.2



#46

Dibromomethane

Concen: 56.874 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

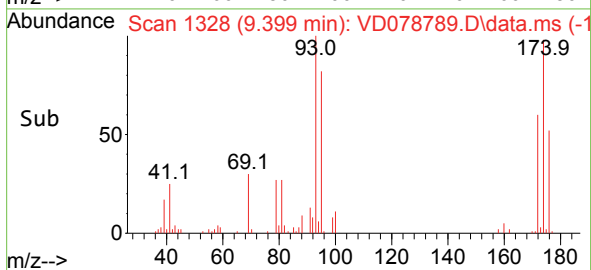
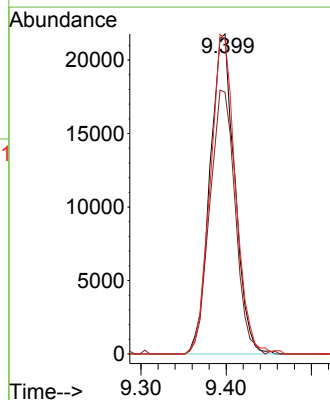
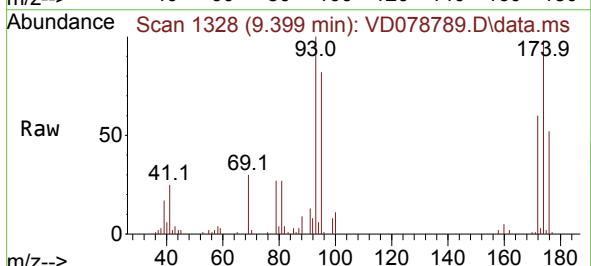
Tgt Ion: 93 Resp: 43870

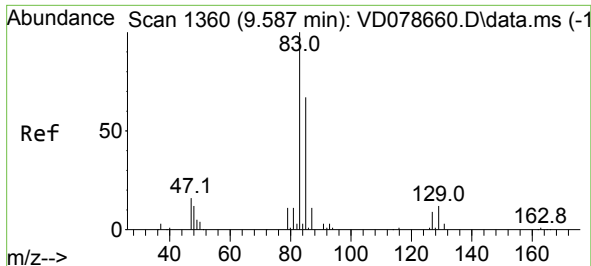
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 101.8 80.9 121.3

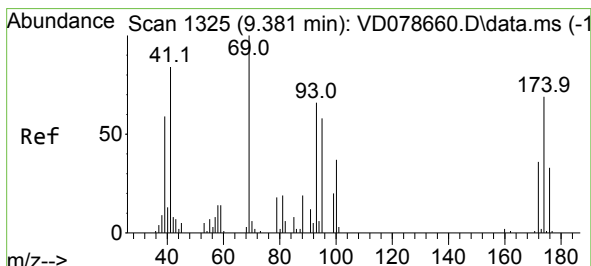
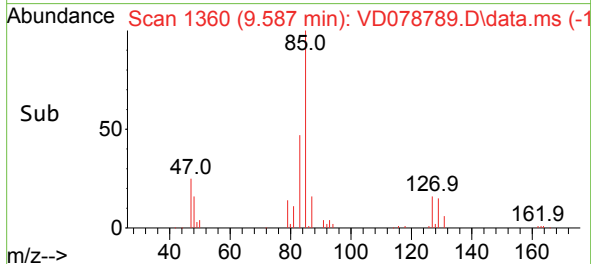
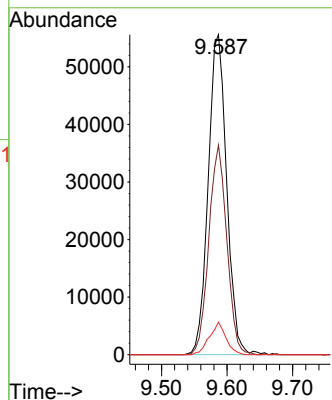
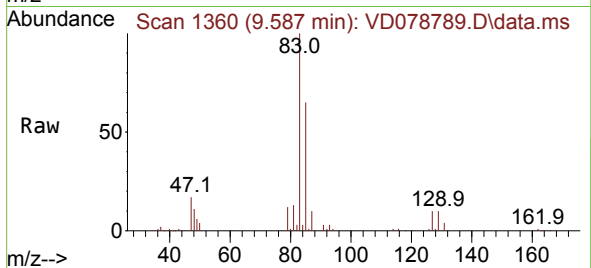




#47
Bromodichloromethane
Concen: 59.356 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

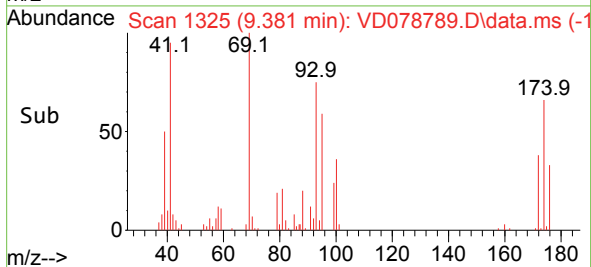
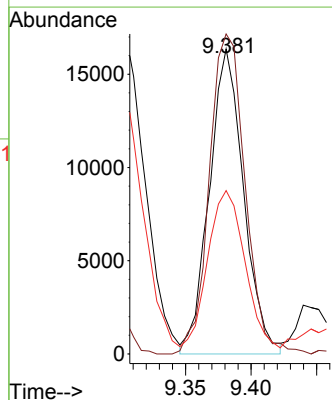
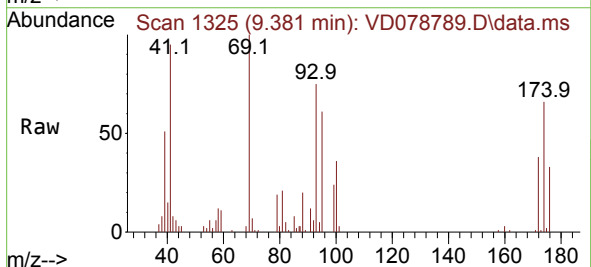
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

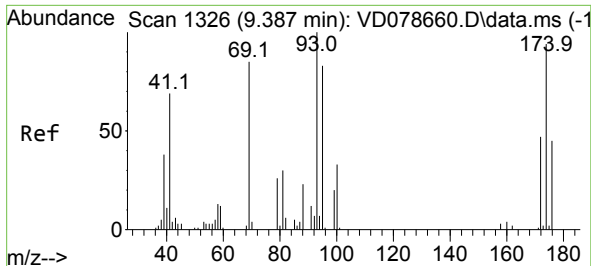
Tgt Ion: 83 Resp: 108994
Ion Ratio Lower Upper
83 100
85 65.5 54.0 81.0
127 10.1 7.1 10.7



#48
Methyl methacrylate
Concen: 57.209 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 41 Resp: 29718
Ion Ratio Lower Upper
41 100
69 109.5 88.3 132.5
39 56.0 46.6 69.8





#49

1,4-Dioxane

Concen: 1101.102 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

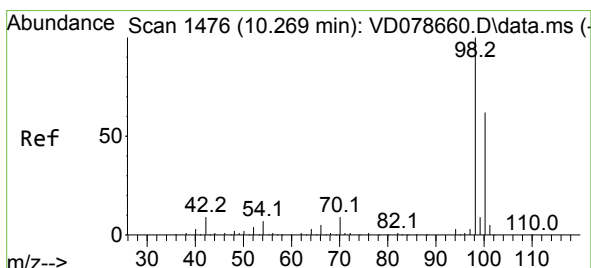
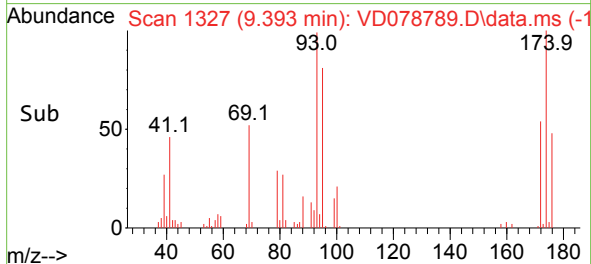
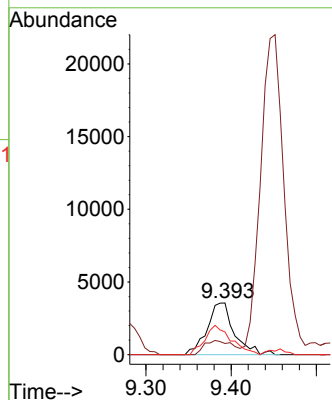
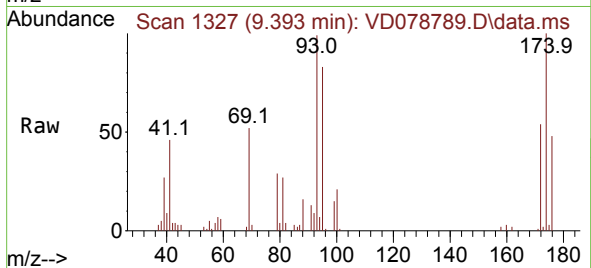
Tgt Ion: 88 Resp: 7864

Ion Ratio Lower Upper

88 100

43 28.6 23.2 34.8

58 55.3 51.0 76.6



#50

Toluene-d8

Concen: 47.256 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078789.D

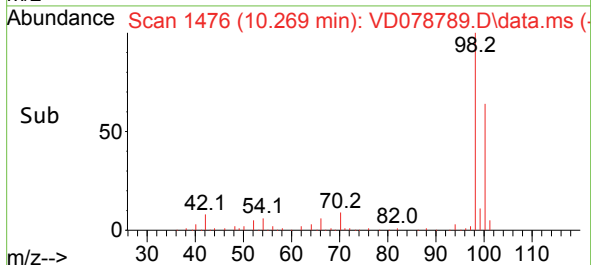
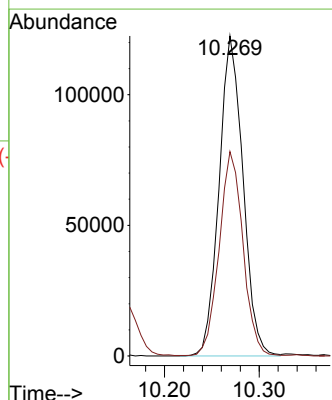
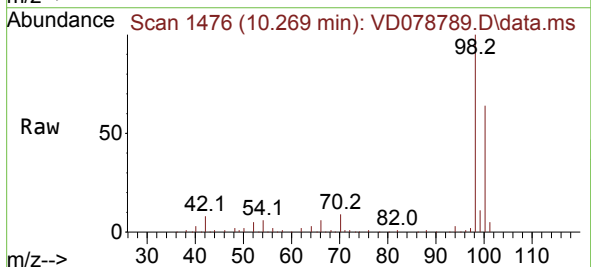
Acq: 29 Mar 2024 12:41

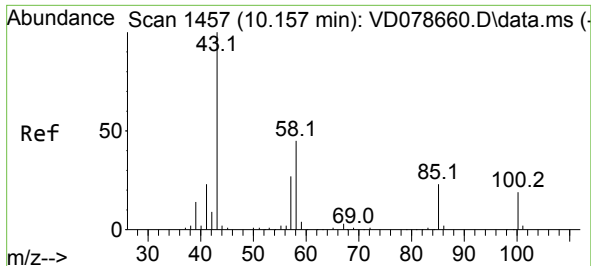
Tgt Ion: 98 Resp: 214939

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 286.010 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

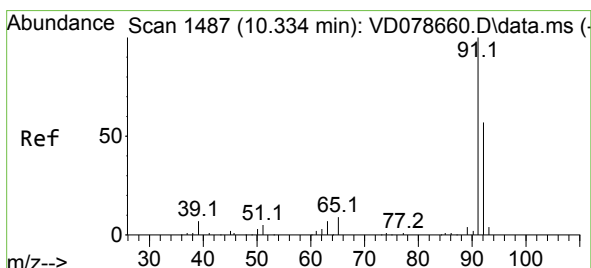
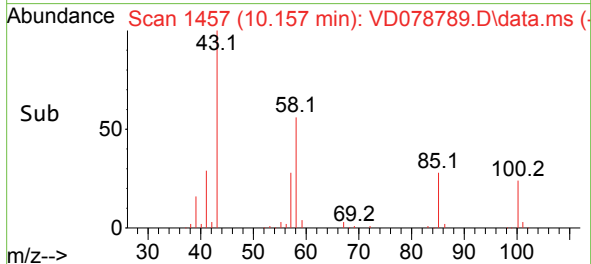
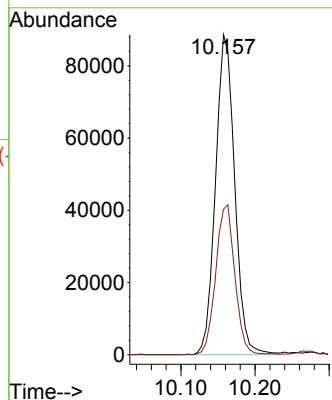
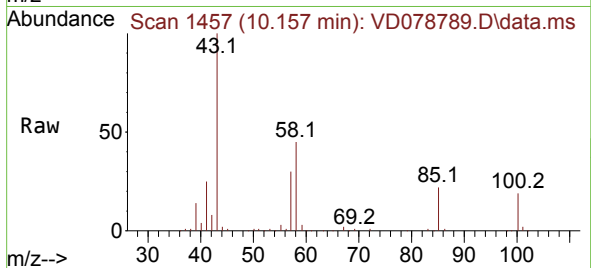
VSTDCCC050

Tgt Ion: 43 Resp: 159409

Ion Ratio Lower Upper

43 100

58 46.7 36.4 54.6



#52

Toluene

Concen: 57.985 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078789.D

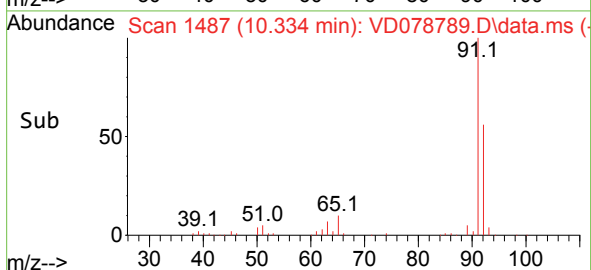
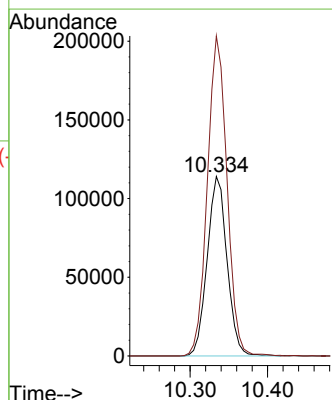
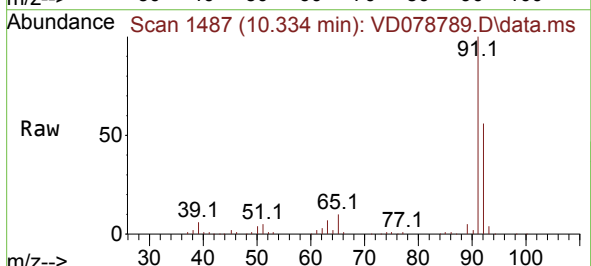
Acq: 29 Mar 2024 12:41

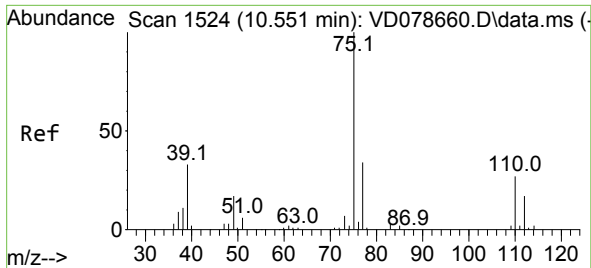
Tgt Ion: 92 Resp: 202499

Ion Ratio Lower Upper

92 100

91 176.5 136.6 205.0

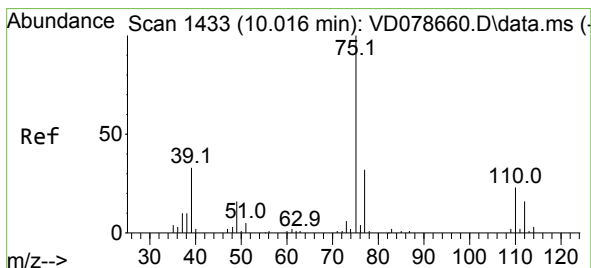
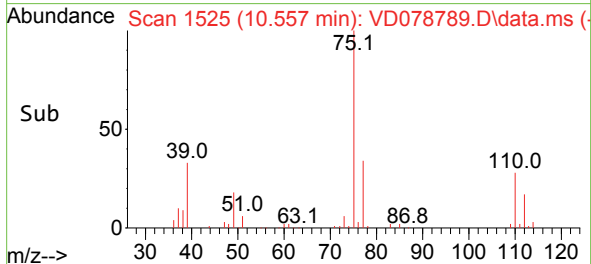
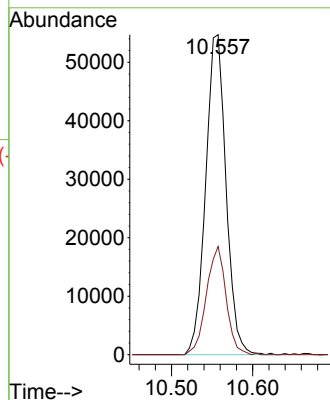
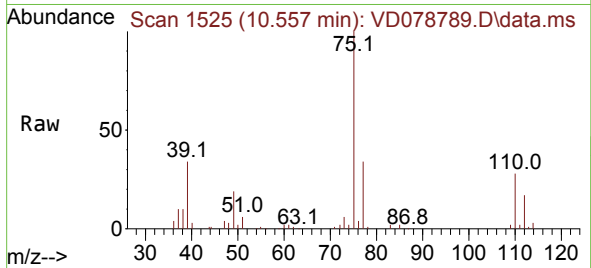




#53
 t-1,3-Dichloropropene
 Concen: 56.775 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

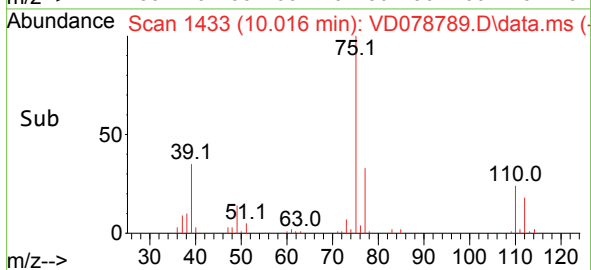
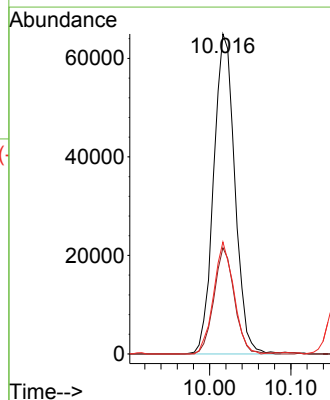
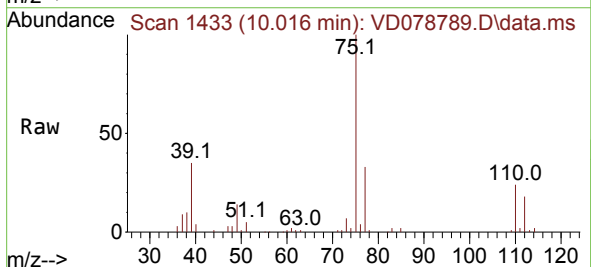
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

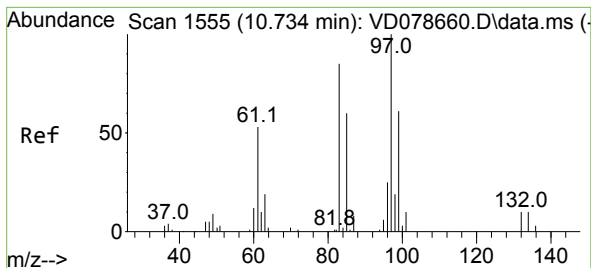
Tgt Ion: 75 Resp: 95321
 Ion Ratio Lower Upper
 75 100
 77 33.8 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 58.457 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

Tgt Ion: 75 Resp: 117985
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0
 39 35.0 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 58.512 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 60439

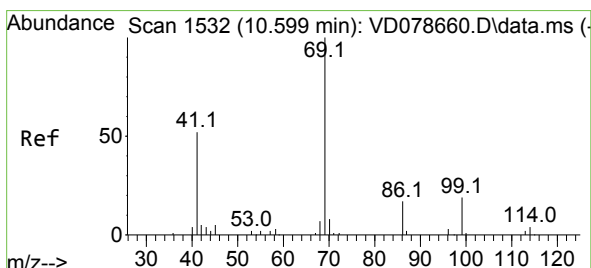
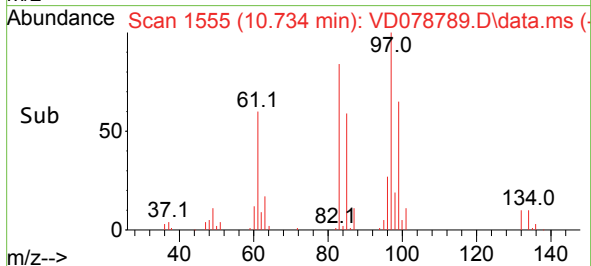
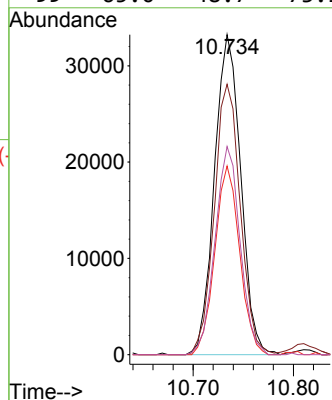
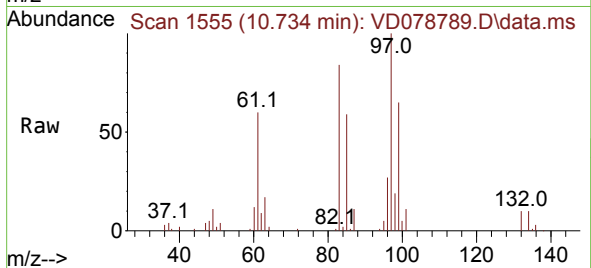
Ion Ratio Lower Upper

97 100

83 84.5 68.1 102.1

85 59.0 48.2 72.2

99 65.0 48.7 73.1



#56

Ethyl methacrylate

Concen: 60.390 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

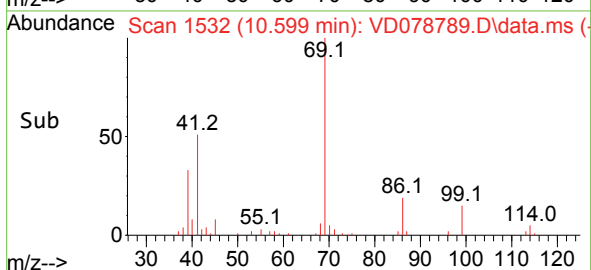
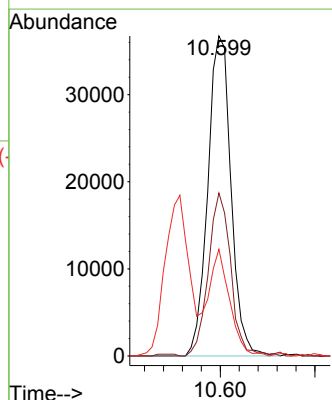
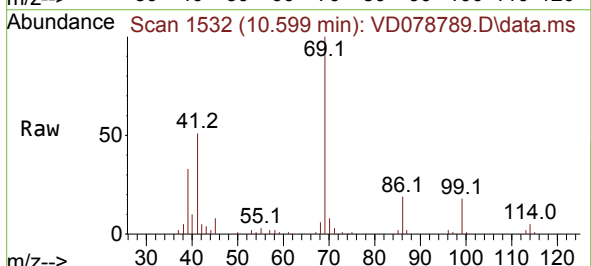
Tgt Ion: 69 Resp: 62534

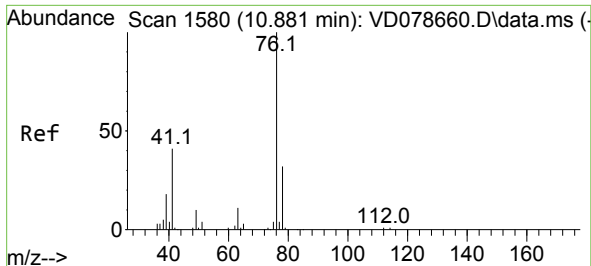
Ion Ratio Lower Upper

69 100

41 49.1 40.9 61.3

39 28.6 25.5 38.3





#57

1,3-Dichloropropane

Concen: 58.489 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

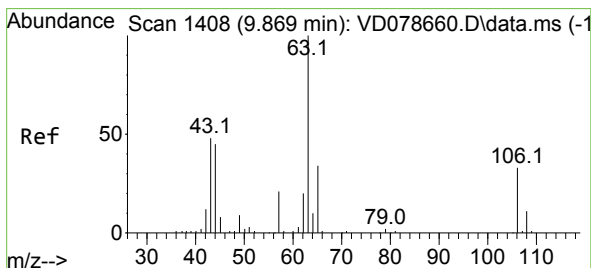
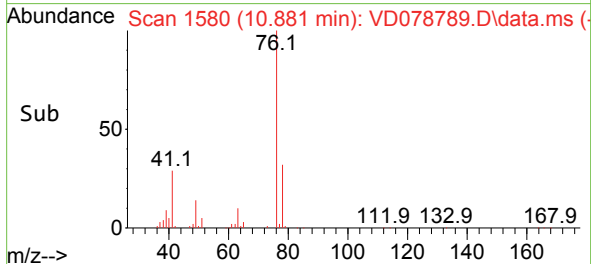
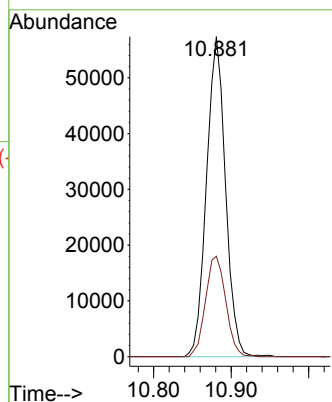
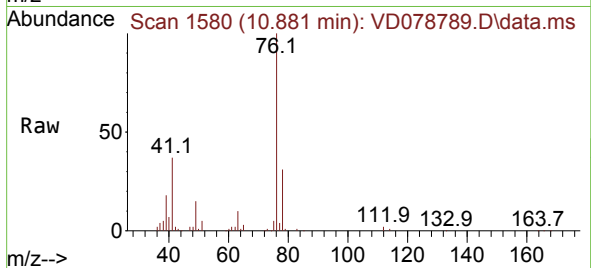
VSTDCCC050

Tgt Ion: 76 Resp: 97485

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 277.643 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078789.D

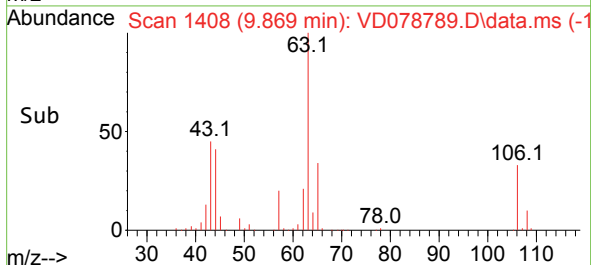
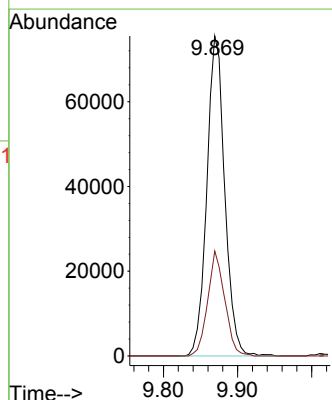
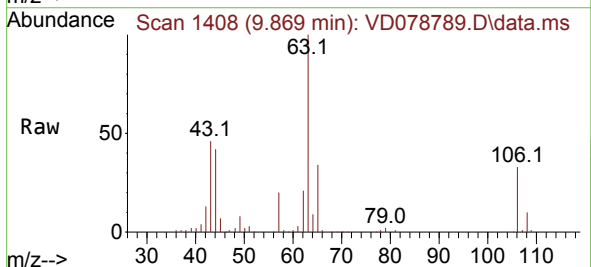
Acq: 29 Mar 2024 12:41

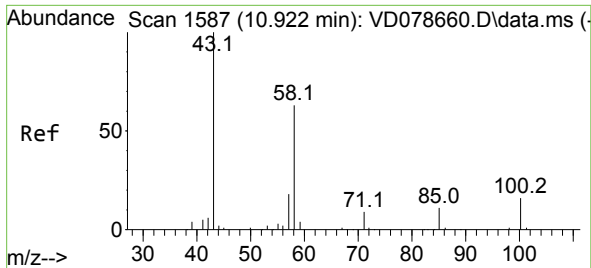
Tgt Ion: 63 Resp: 126770

Ion Ratio Lower Upper

63 100

106 31.3 25.2 37.8

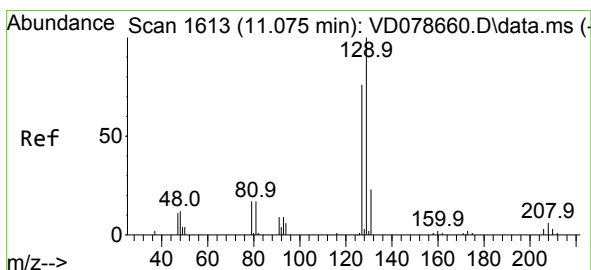
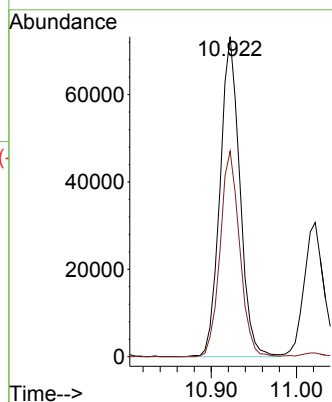
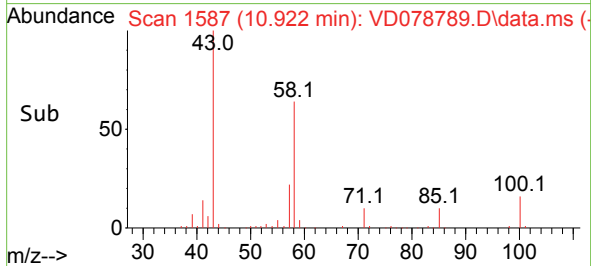
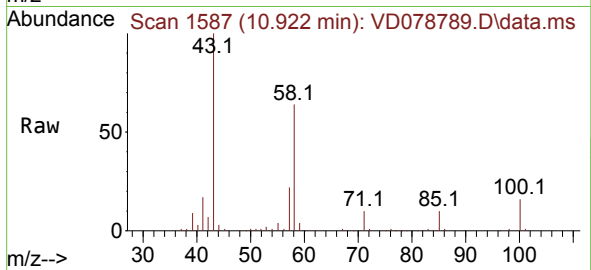




#59
2-Hexanone
Concen: 286.472 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

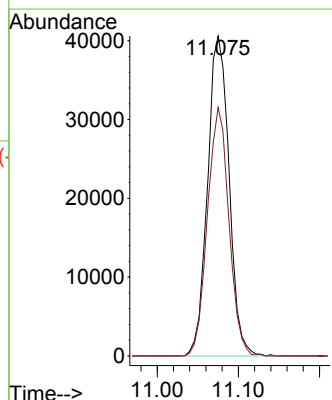
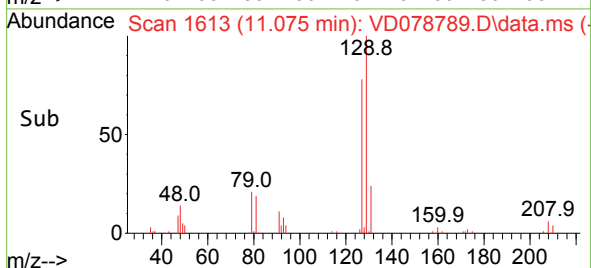
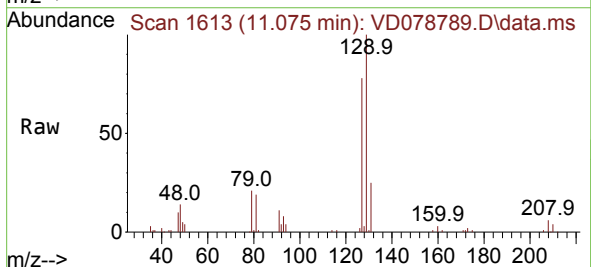
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

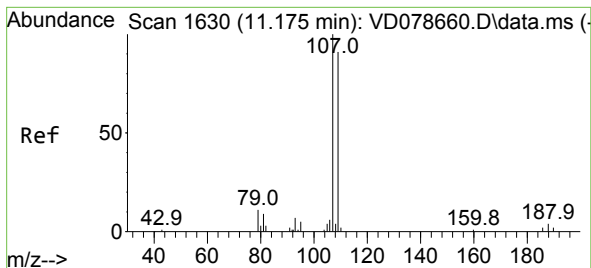
Tgt Ion: 43 Resp: 118362
Ion Ratio Lower Upper
43 100
58 63.4 31.5 94.5



#60
Dibromochloromethane
Concen: 58.626 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:129 Resp: 74680
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3

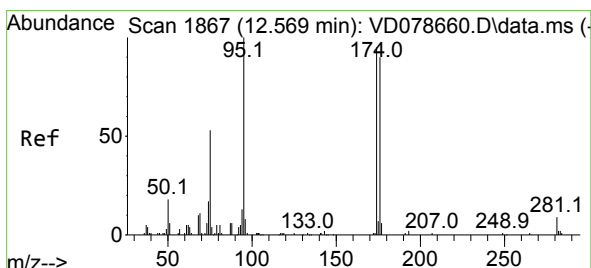
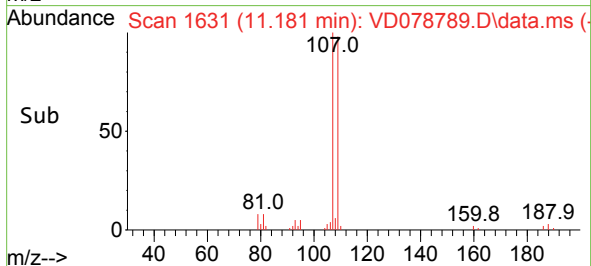
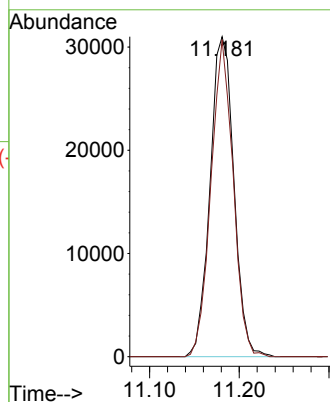
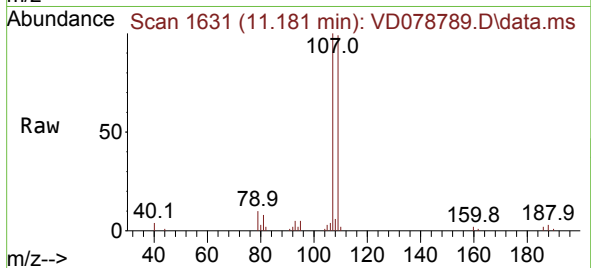




#61
1,2-Dibromoethane
Concen: 57.199 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

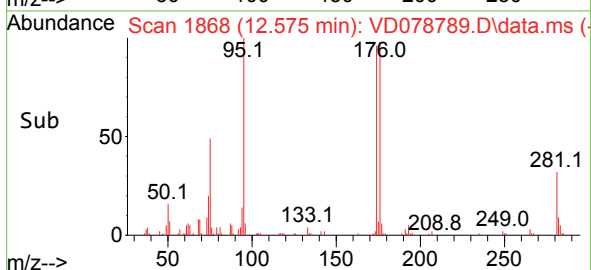
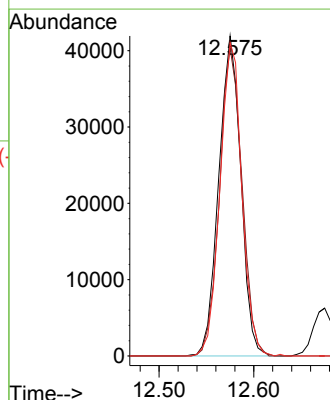
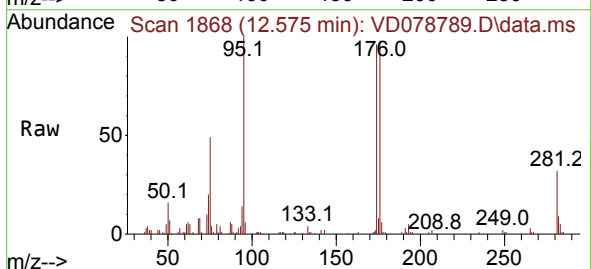
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

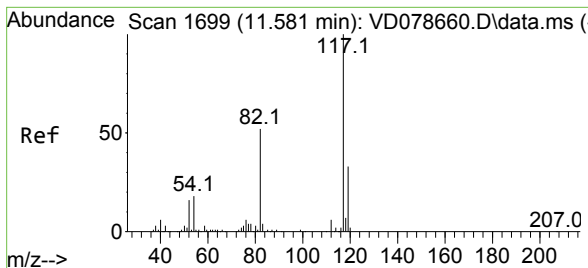
Tgt Ion:107 Resp: 57178
Ion Ratio Lower Upper
107 100
109 92.0 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.953 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 95 Resp: 67801
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.2
176 96.9 0.0 188.2

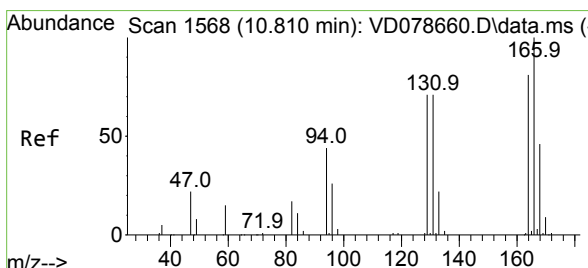
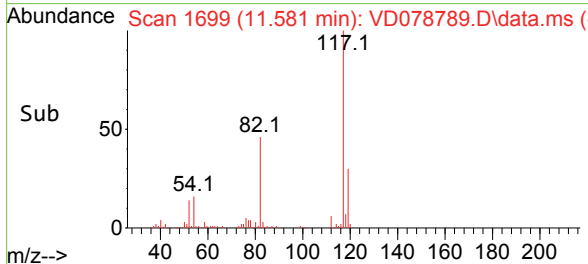
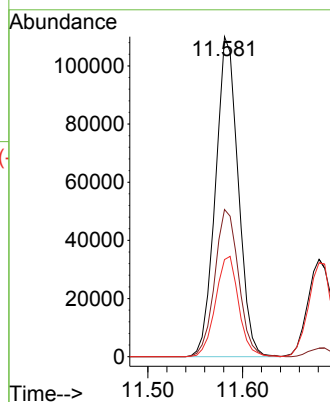
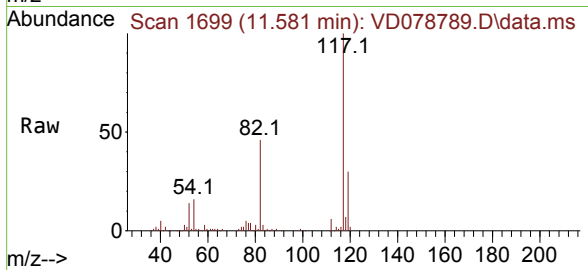




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

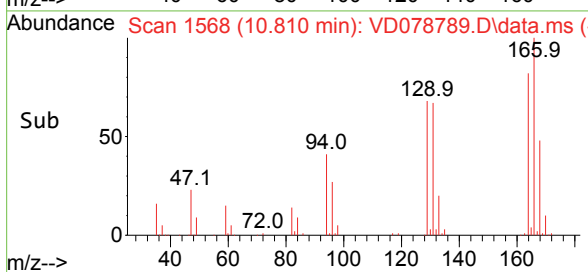
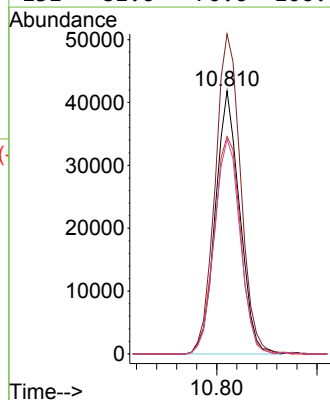
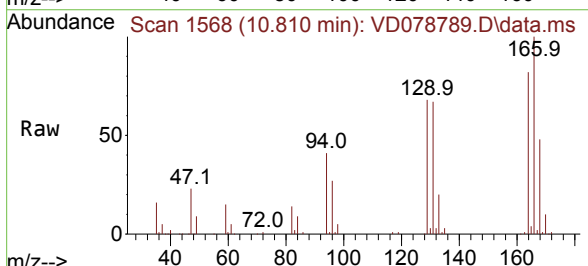
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

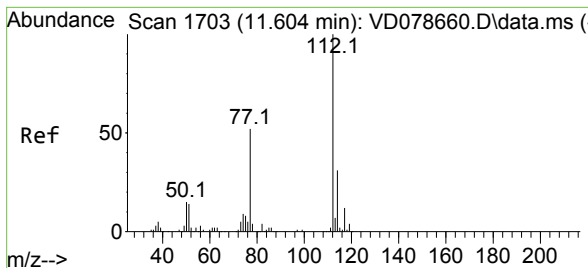
Tgt Ion:117 Resp: 183320
Ion Ratio Lower Upper
117 100
82 46.0 41.4 62.2
119 30.4 26.5 39.7



#64
Tetrachloroethene
Concen: 58.049 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:164 Resp: 70421
Ion Ratio Lower Upper
164 100
166 121.6 98.9 148.3
129 82.7 70.3 105.5
131 81.6 70.6 106.0





#65

Chlorobenzene

Concen: 57.687 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

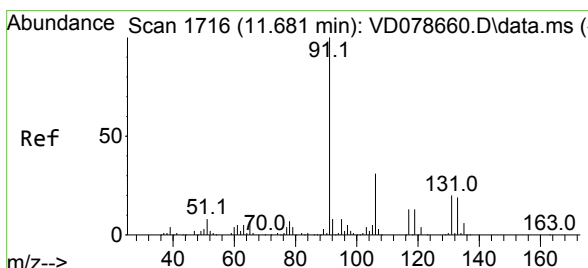
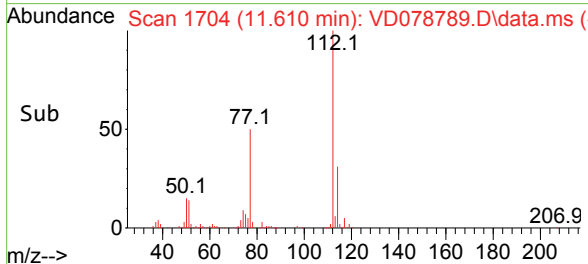
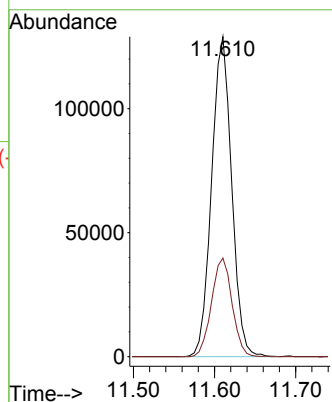
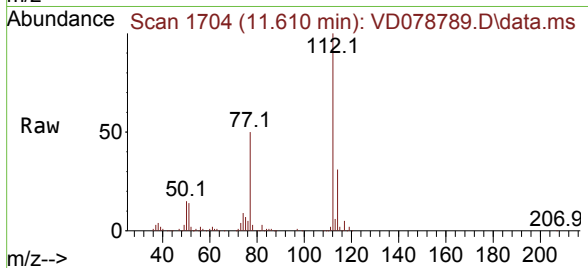
VSTDCCC050

Tgt Ion:112 Resp: 220987

Ion Ratio Lower Upper

112 100

114 30.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 60.736 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

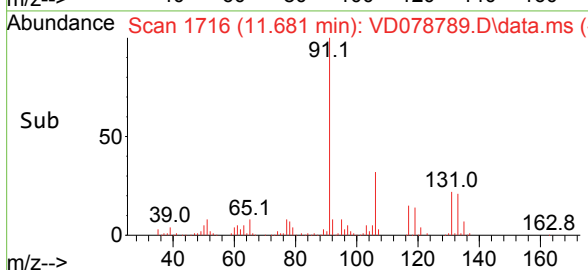
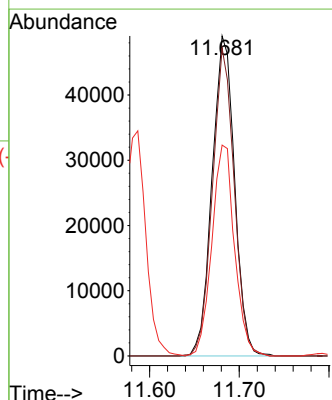
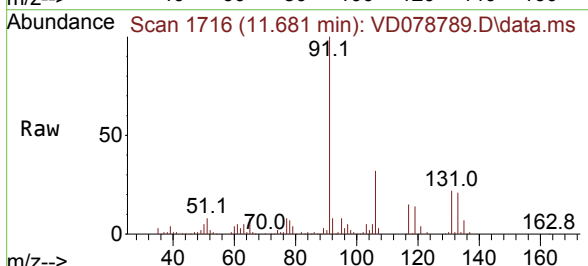
Tgt Ion:131 Resp: 85210

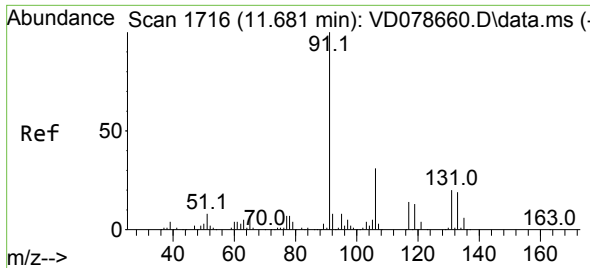
Ion Ratio Lower Upper

131 100

133 93.2 47.6 142.9

119 66.5 34.1 102.3

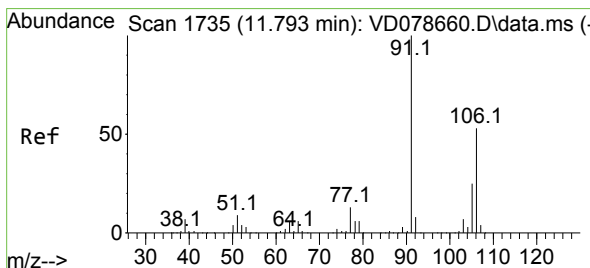
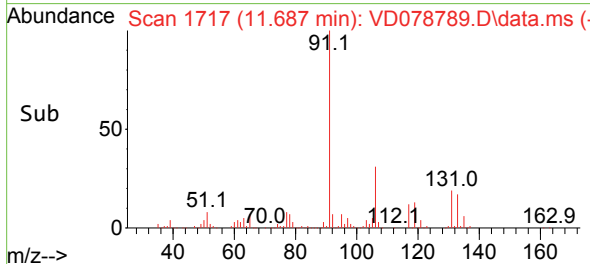
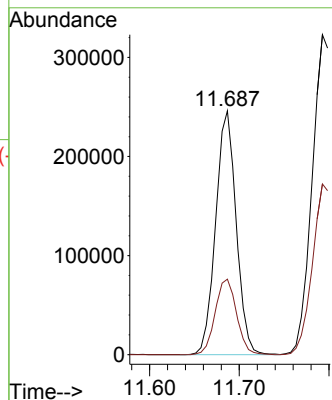
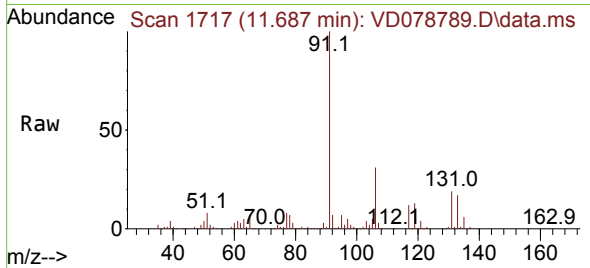




#67
Ethyl Benzene
Concen: 59.880 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

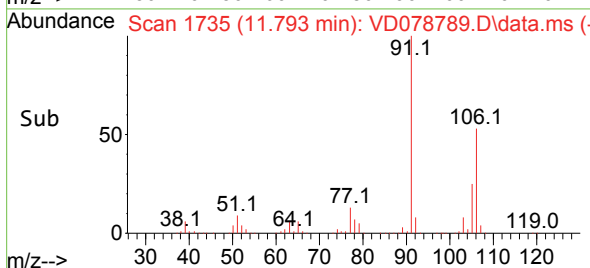
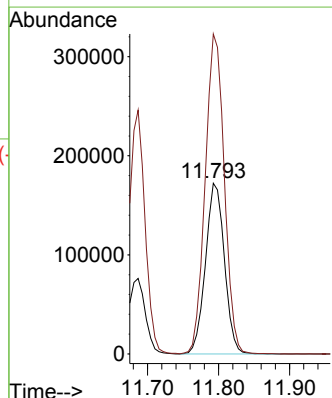
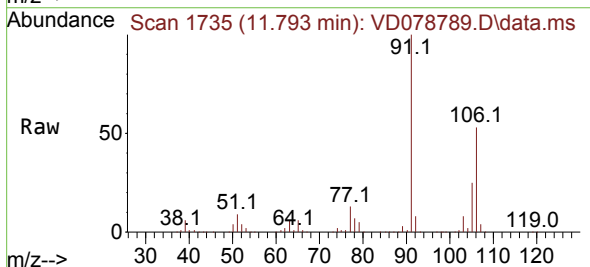
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

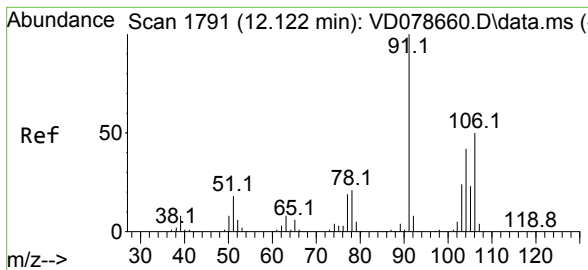
Tgt Ion: 91 Resp: 390895
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7



#68
m/p-Xylenes
Concen: 120.516 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:106 Resp: 319464
Ion Ratio Lower Upper
106 100
91 189.1 154.4 231.6

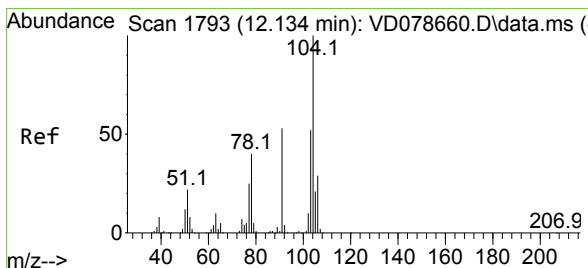
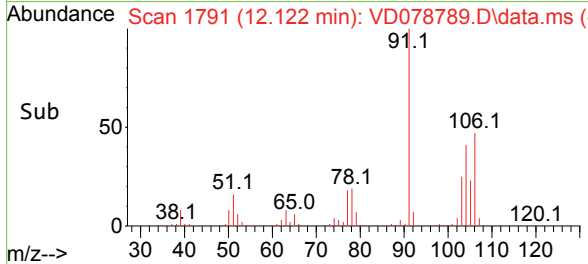
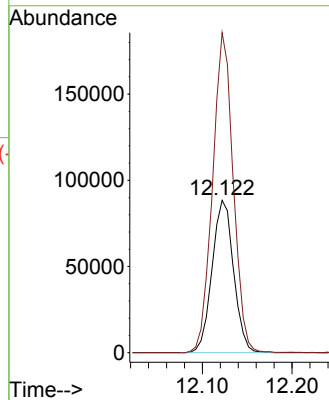
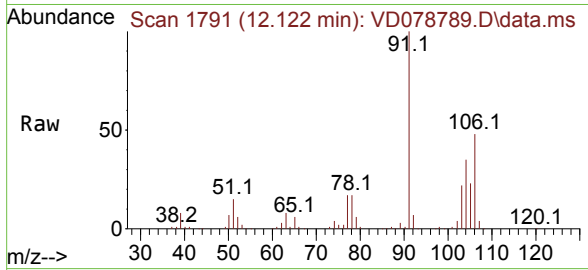




#69
o-Xylene
Concen: 59.967 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

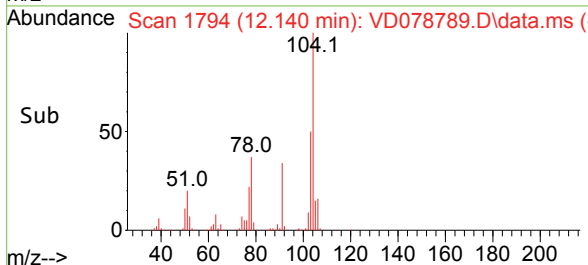
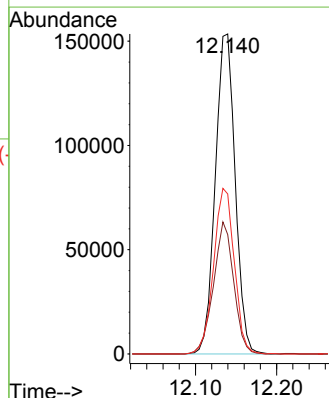
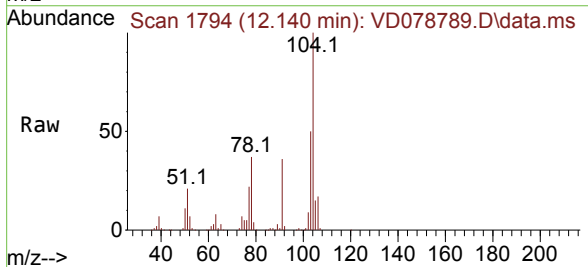
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

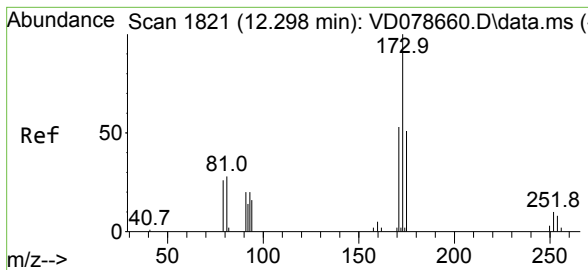
Tgt Ion:106 Resp: 147075
Ion Ratio Lower Upper
106 100
91 201.6 99.6 298.7



#70
Styrene
Concen: 63.595 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:104 Resp: 261794
Ion Ratio Lower Upper
104 100
78 42.0 34.6 52.0
103 53.8 44.2 66.2

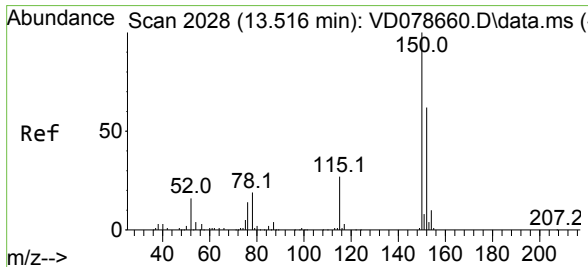
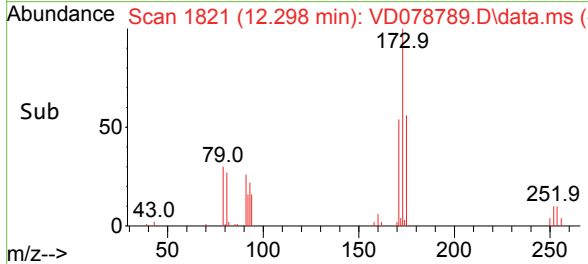
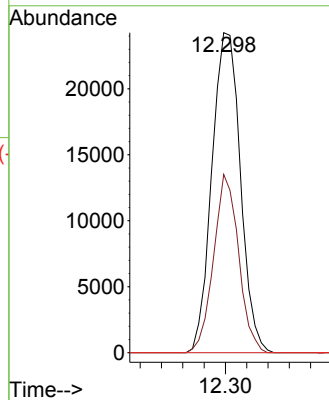
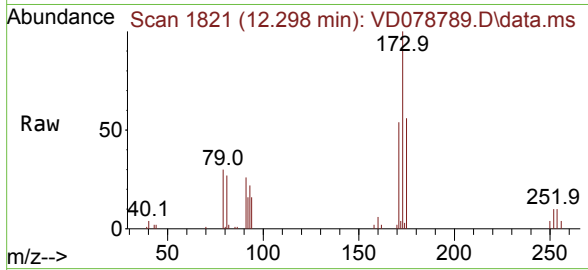




#71
Bromoform
Concen: 59.470 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

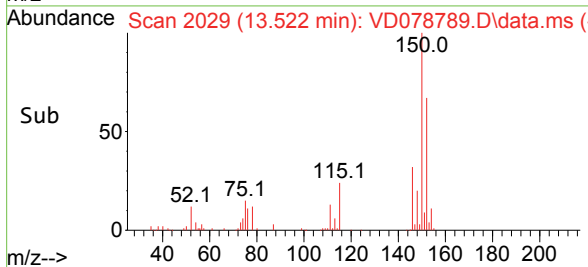
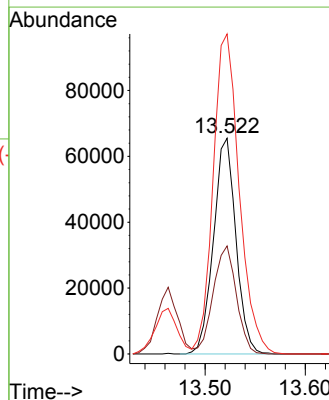
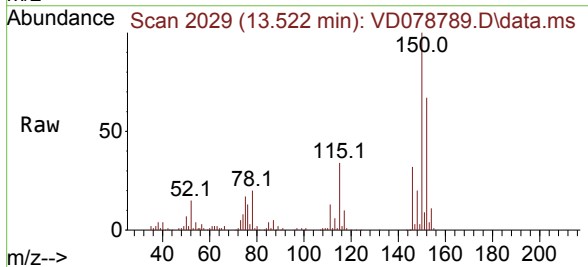
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

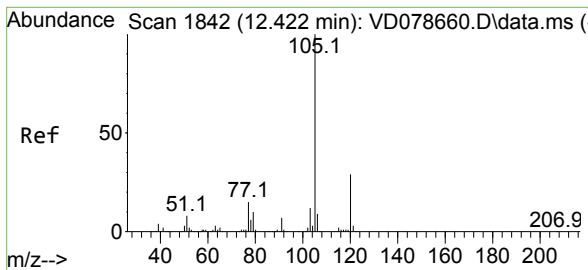
Tgt Ion:173 Resp: 45089
Ion Ratio Lower Upper
173 100
175 48.9 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:152 Resp: 101888
Ion Ratio Lower Upper
152 100
115 51.9 27.1 81.2
150 172.1 0.0 350.2

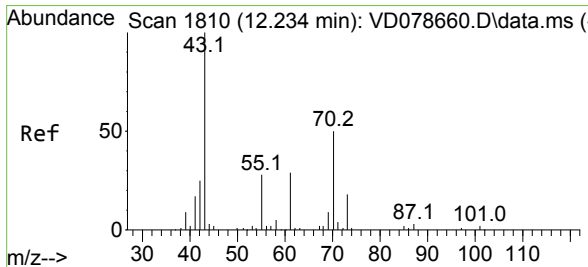
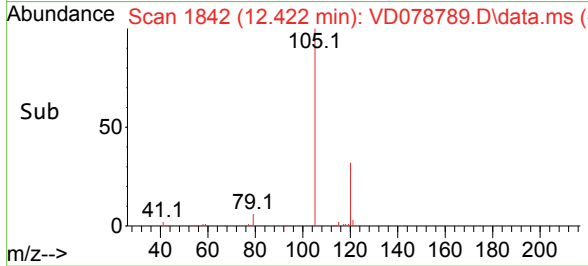
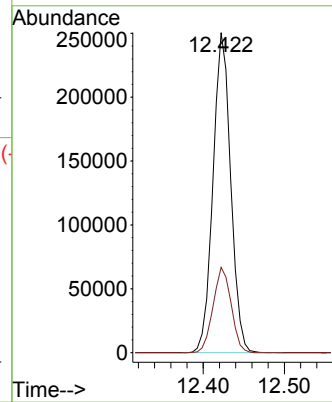
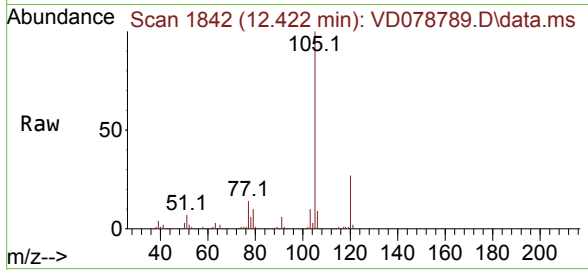




#73
Isopropylbenzene
Concen: 56.459 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

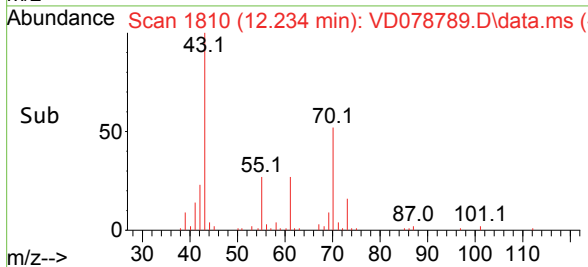
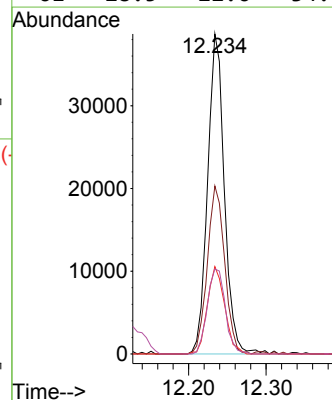
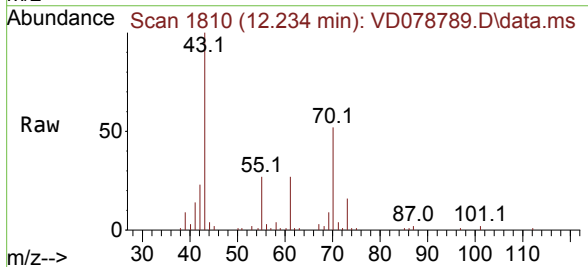
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

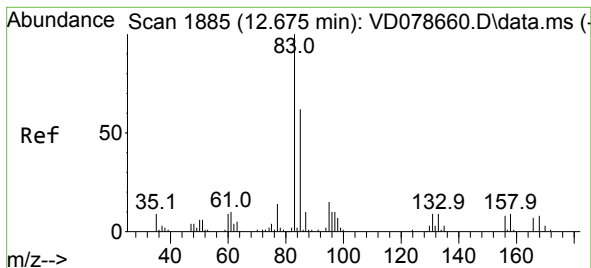
Tgt Ion:105 Resp: 378746
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.0



#74
N-ethyl acetate
Concen: 53.373 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion: 43 Resp: 58132
Ion Ratio Lower Upper
43 100
70 54.3 42.1 63.1
55 28.3 22.6 33.8
61 28.5 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.964 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

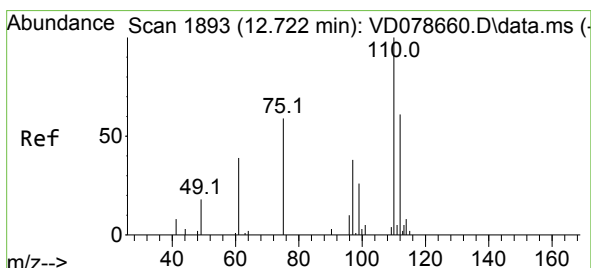
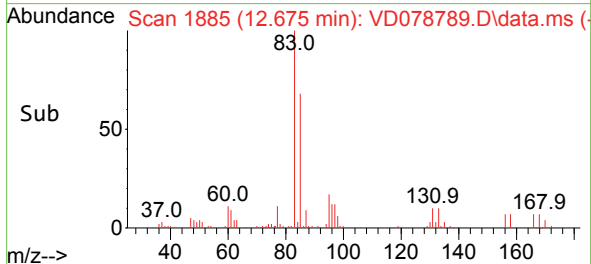
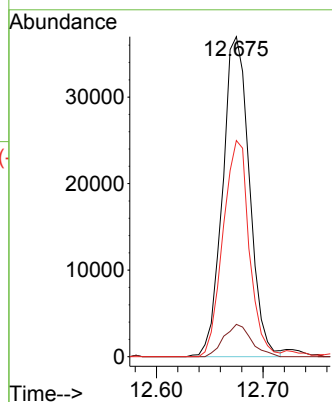
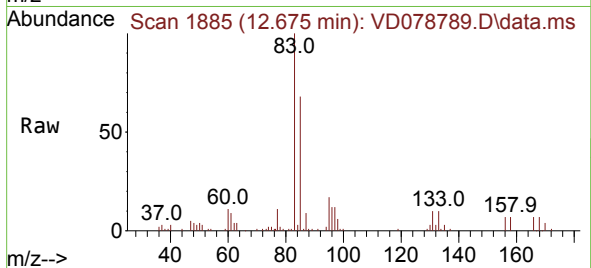
Tgt Ion: 83 Resp: 64531

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

85 66.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 98.490 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078789.D

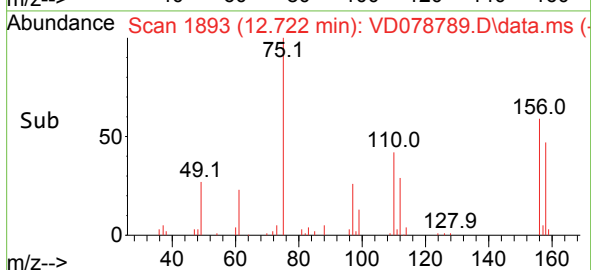
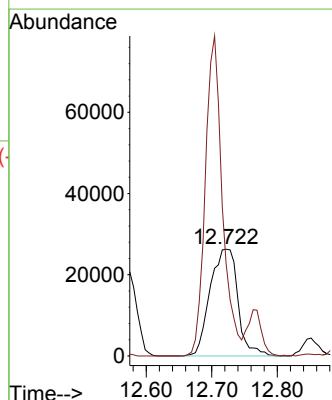
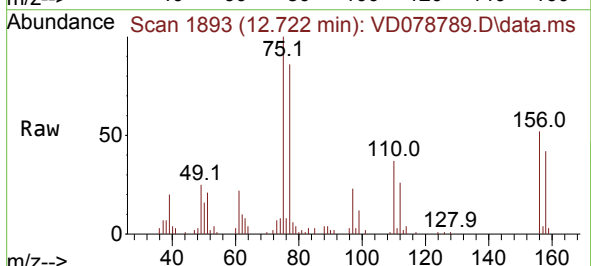
Acq: 29 Mar 2024 12:41

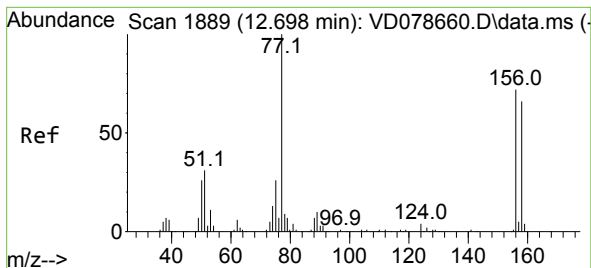
Tgt Ion: 75 Resp: 77313

Ion Ratio Lower Upper

75 100

77 185.9 0.0 0.0#





#77

Bromobenzene

Concen: 58.388 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

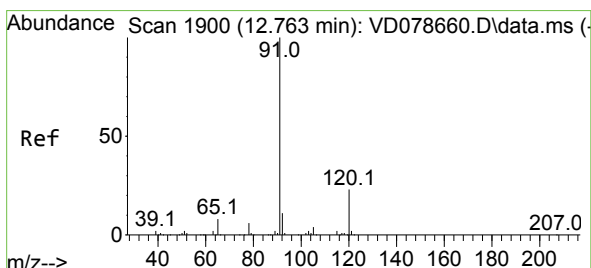
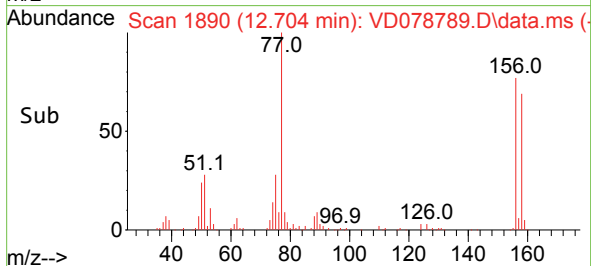
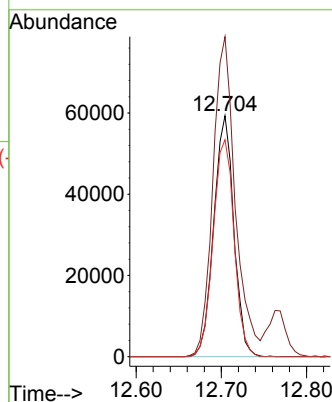
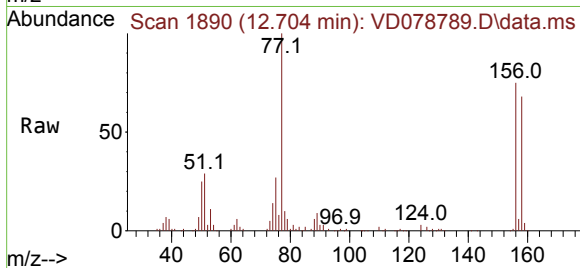
Tgt Ion:156 Resp: 97137

Ion Ratio Lower Upper

156 100

77 148.0 79.1 237.3

158 93.7 47.0 141.0



#78

n-propylbenzene

Concen: 57.689 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078789.D

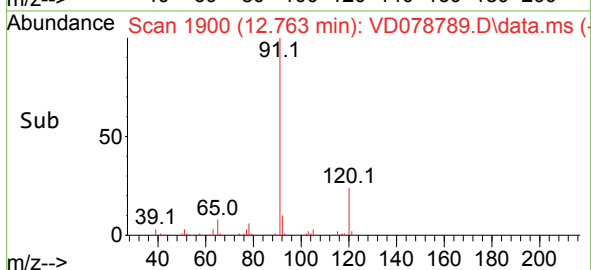
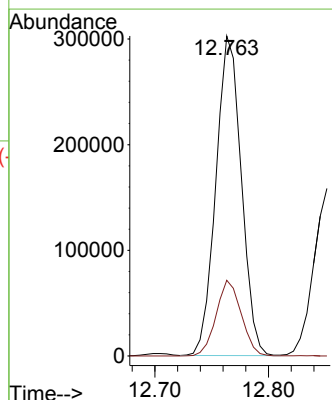
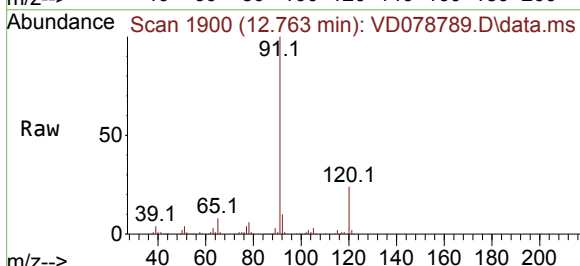
Acq: 29 Mar 2024 12:41

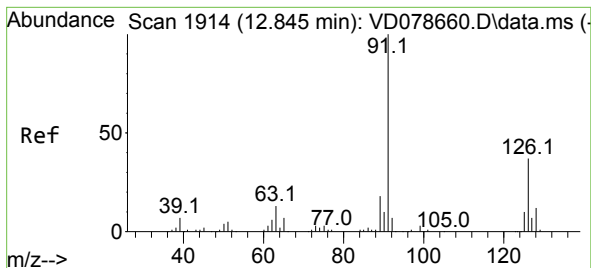
Tgt Ion: 91 Resp: 471064

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.1





#79

2-Chlorotoluene

Concen: 55.754 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

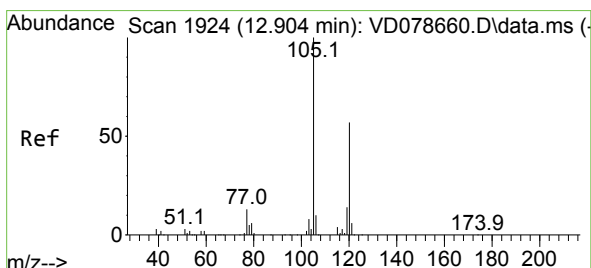
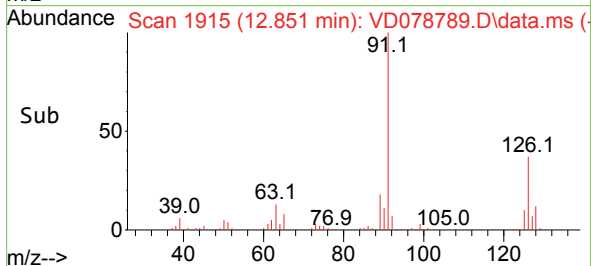
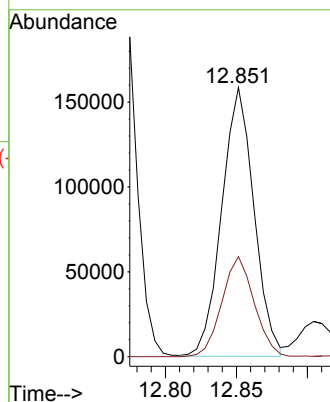
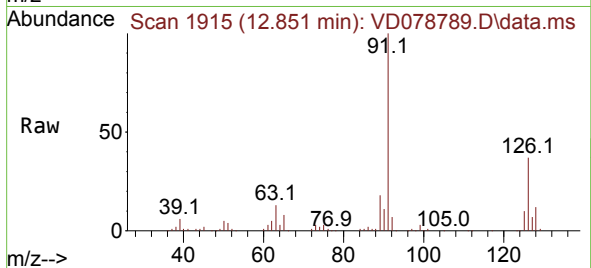
VSTDCCC050

Tgt Ion: 91 Resp: 249755

Ion Ratio Lower Upper

91 100

126 37.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 57.631 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078789.D

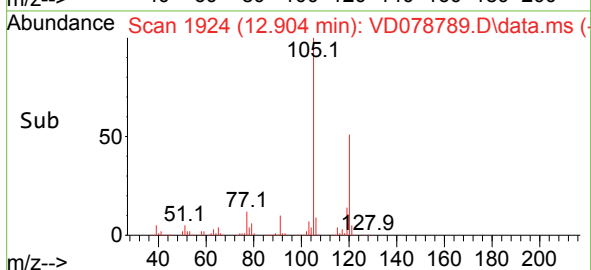
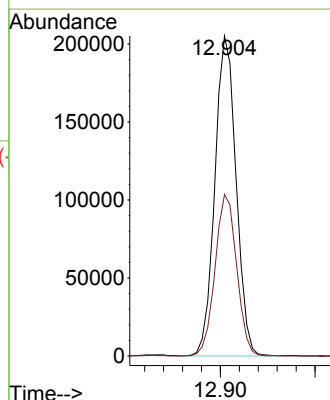
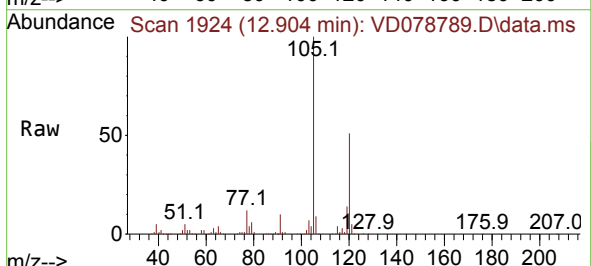
Acq: 29 Mar 2024 12:41

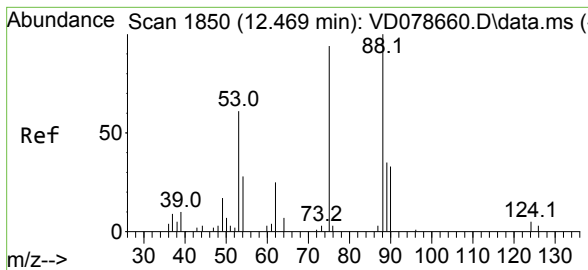
Tgt Ion: 105 Resp: 319703

Ion Ratio Lower Upper

105 100

120 51.4 25.9 77.7

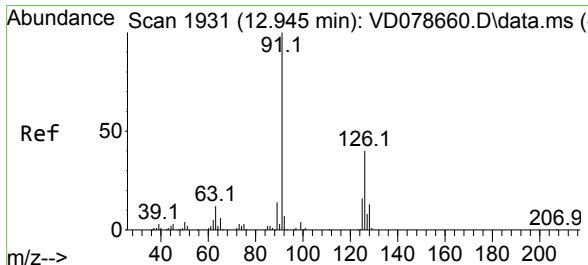
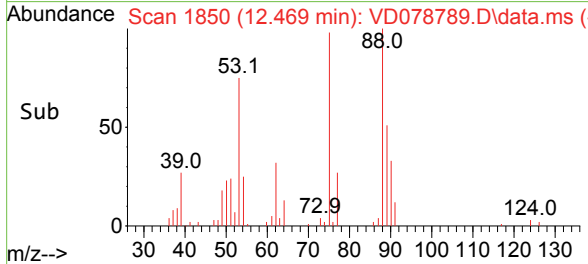
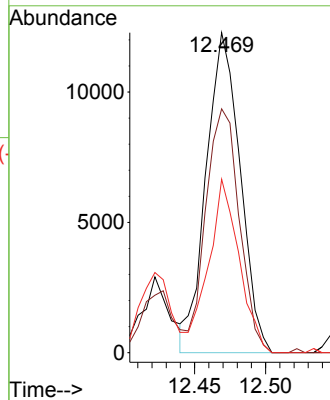
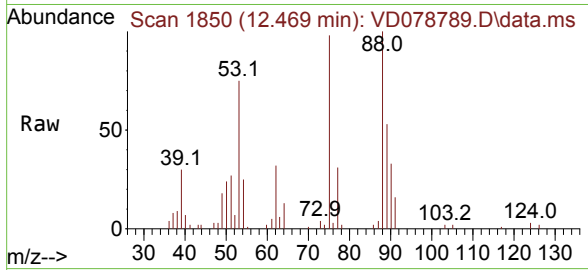




#81
trans-1,4-Dichloro-2-butene
Concen: 54.504 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

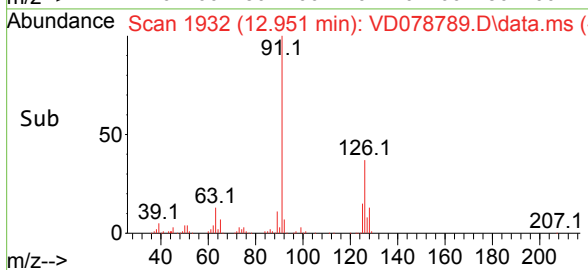
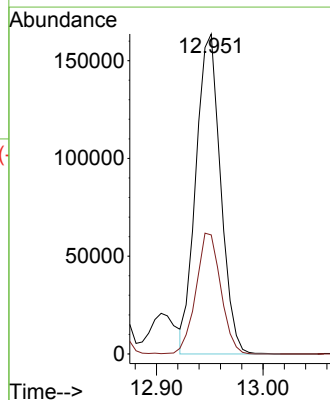
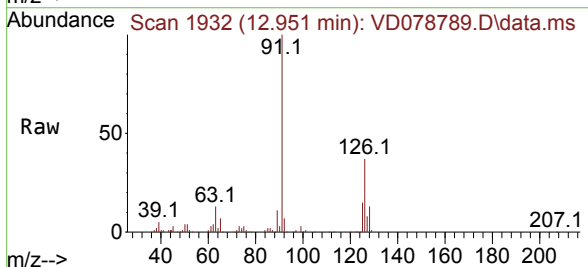
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

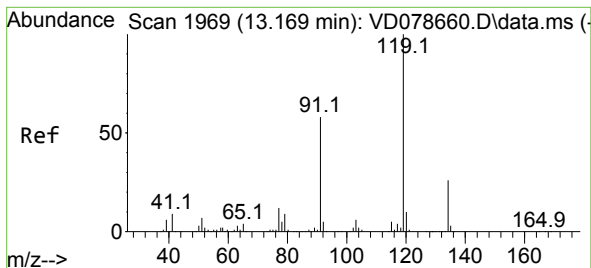
Tgt Ion:	75	Resp:	20411
Ion	Ratio	Lower	Upper
75	100		
53	74.5	61.0	91.6
89	48.4	35.4	53.0



#82
4-Chlorotoluene
Concen: 55.542 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:	91	Resp:	263159
Ion	Ratio	Lower	Upper
91	100		
126	38.1	18.9	56.5

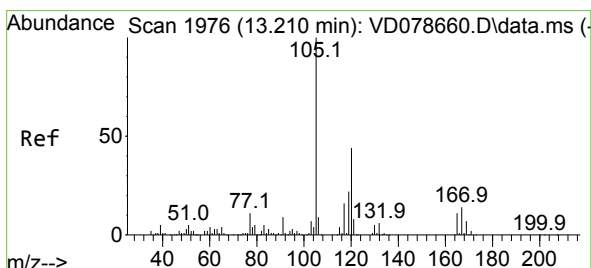
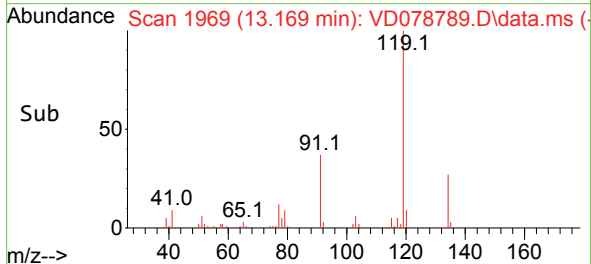
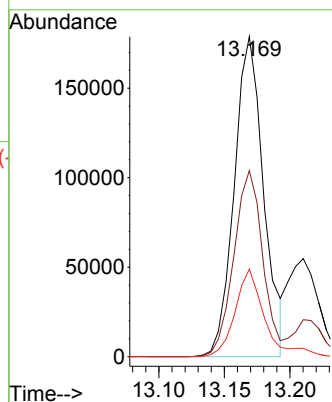
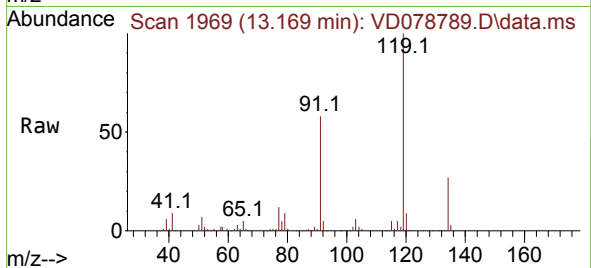




#83
tert-Butylbenzene
Concen: 58.251 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

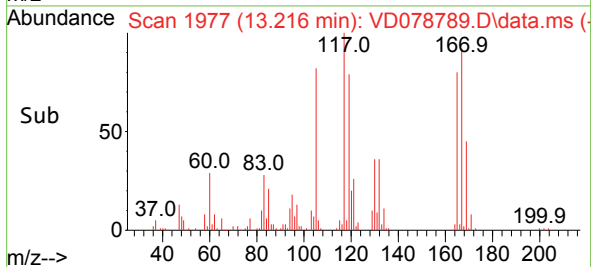
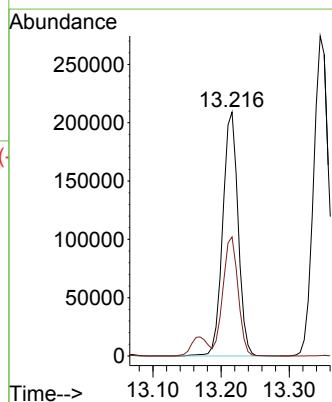
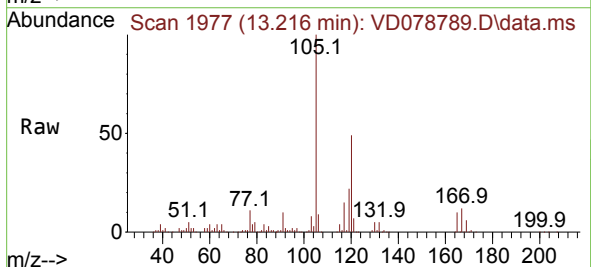
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

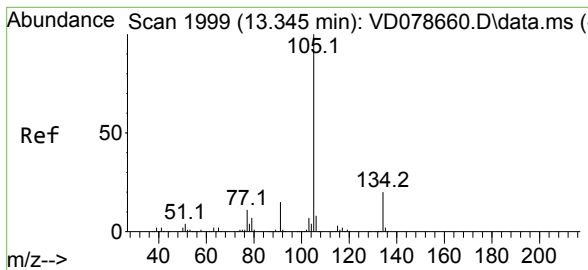
Tgt Ion:119 Resp: 278635
Ion Ratio Lower Upper
119 100
91 57.2 28.9 86.7
134 27.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 58.693 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:105 Resp: 328121
Ion Ratio Lower Upper
105 100
120 48.1 23.1 69.2

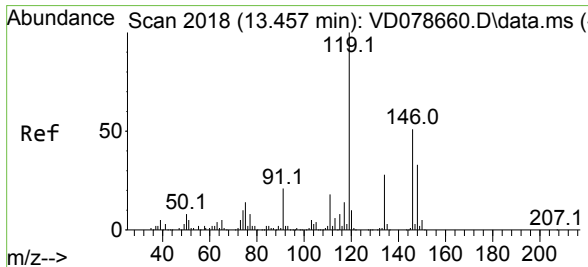
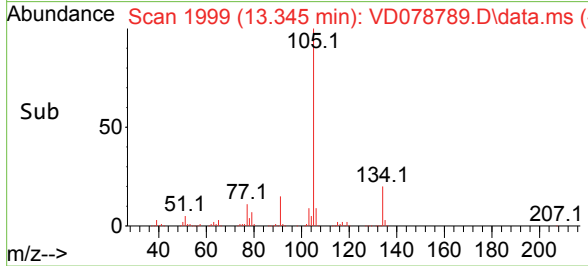
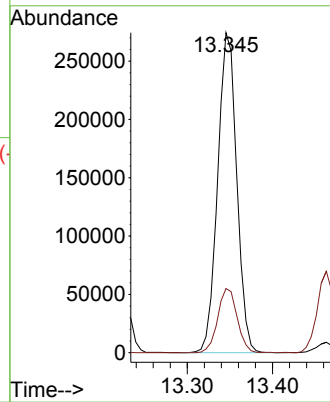
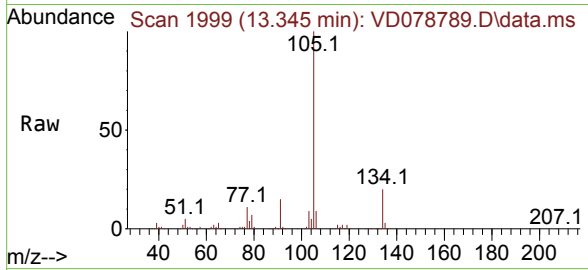




#85
 sec-Butylbenzene
 Concen: 58.943 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

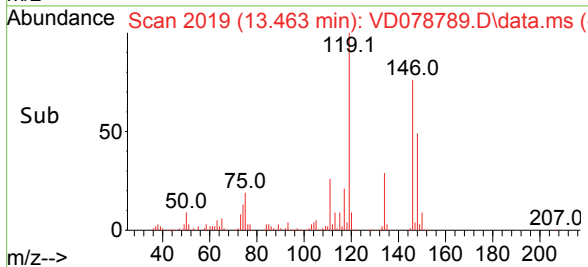
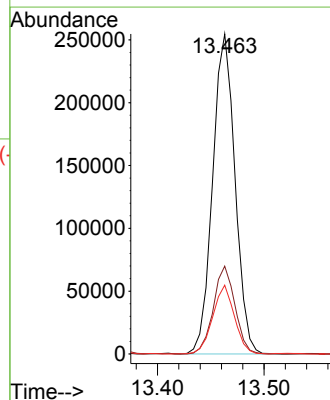
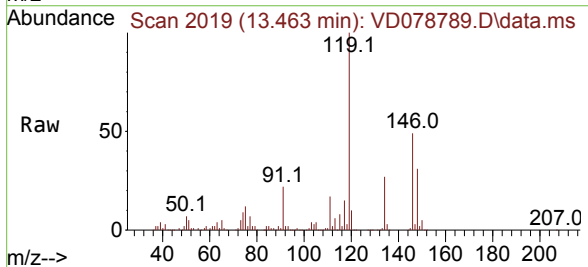
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

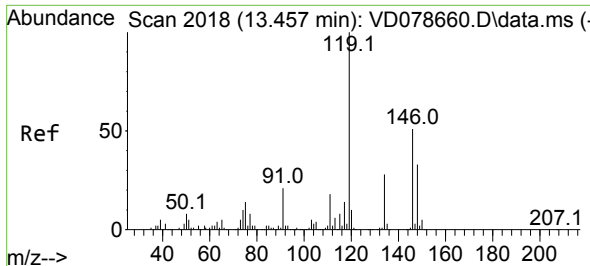
Tgt Ion:105 Resp: 426670
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 59.980 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

Tgt Ion:119 Resp: 371685
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.5
 91 20.9 10.4 31.2

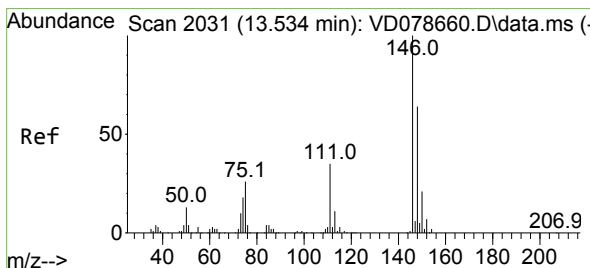
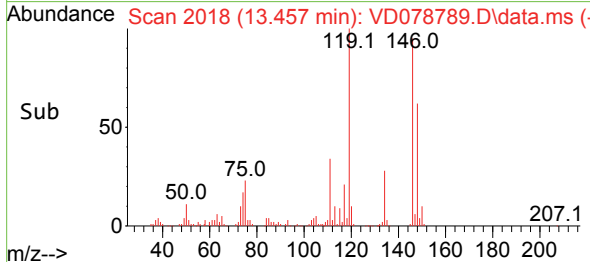
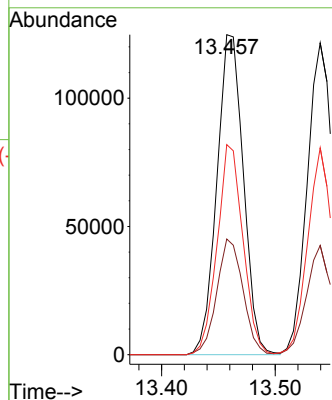
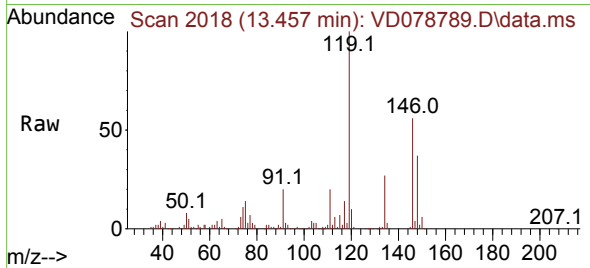




#87
1,3-Dichlorobenzene
Concen: 57.802 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

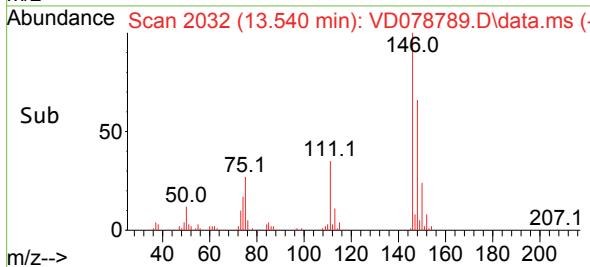
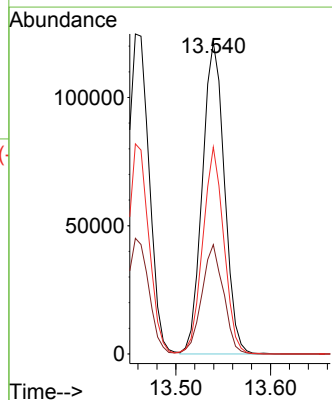
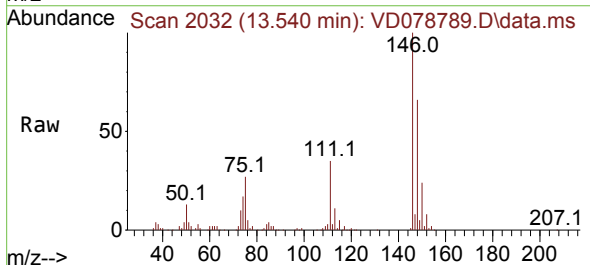
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

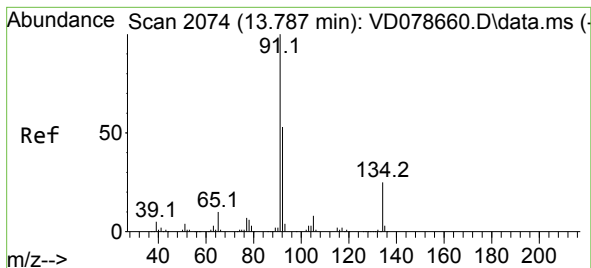
Tgt Ion:146 Resp: 202927
Ion Ratio Lower Upper
146 100
111 35.8 18.2 54.6
148 63.8 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 56.776 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:146 Resp: 196440
Ion Ratio Lower Upper
146 100
111 34.5 17.8 53.3
148 63.4 32.4 97.0





#89

n-Butylbenzene

Concen: 59.292 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

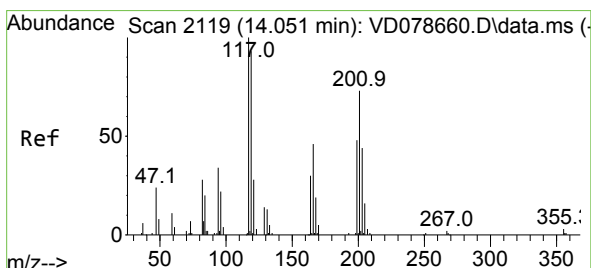
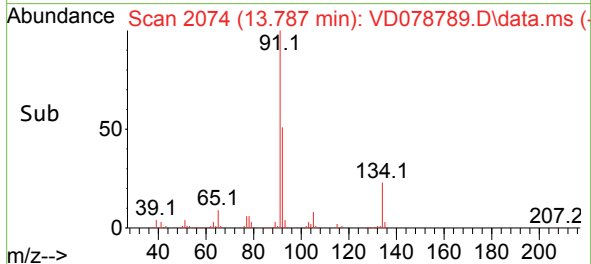
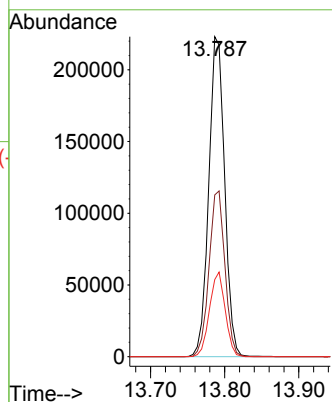
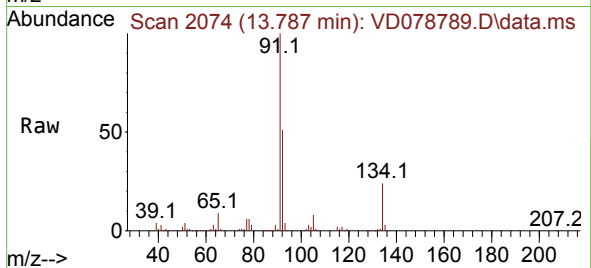
Tgt Ion: 91 Resp: 331827

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 56.295 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078789.D

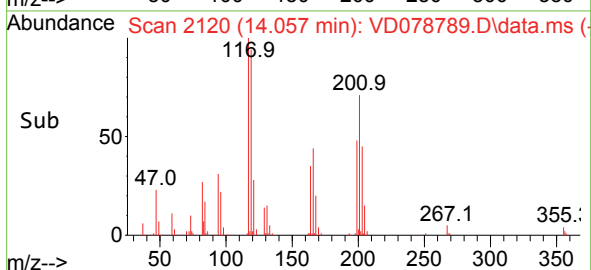
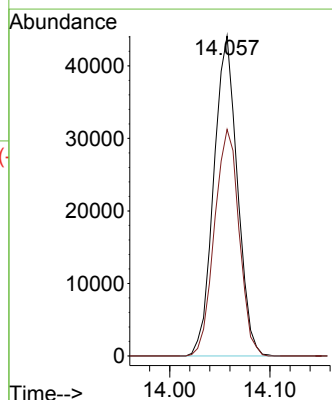
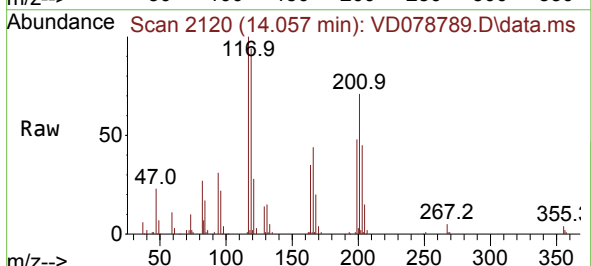
Acq: 29 Mar 2024 12:41

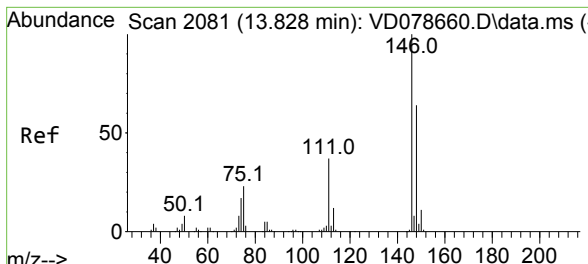
Tgt Ion: 117 Resp: 72183

Ion Ratio Lower Upper

117 100

201 73.9 36.2 108.6

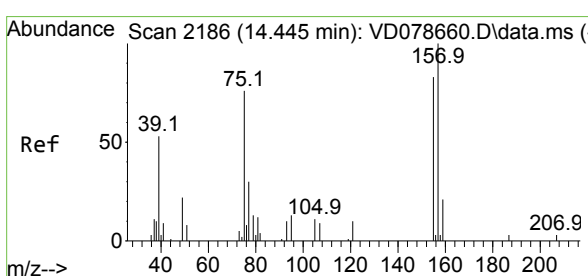
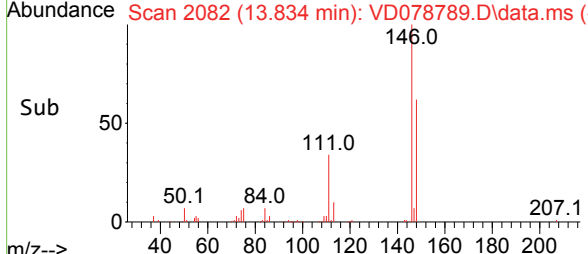
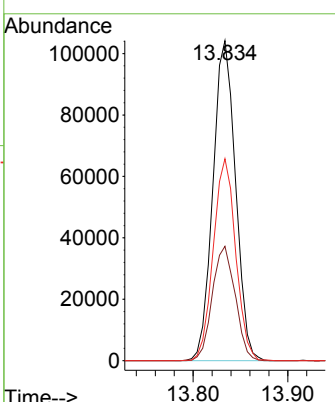
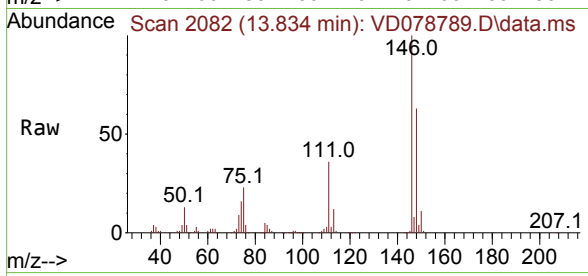




#91
 1,2-Dichlorobenzene
 Concen: 57.198 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

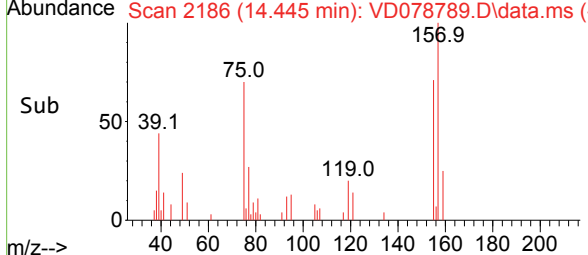
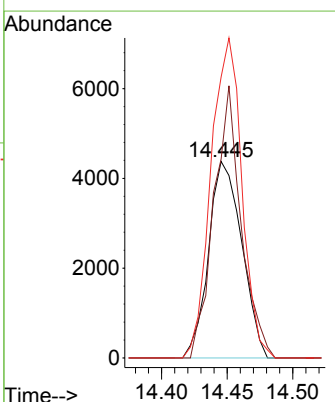
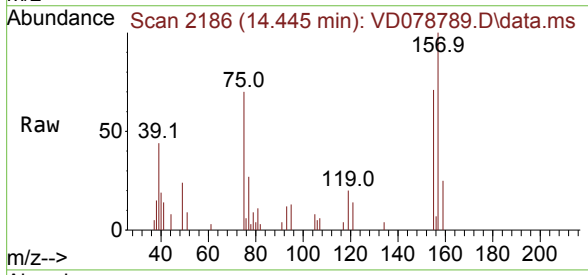
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

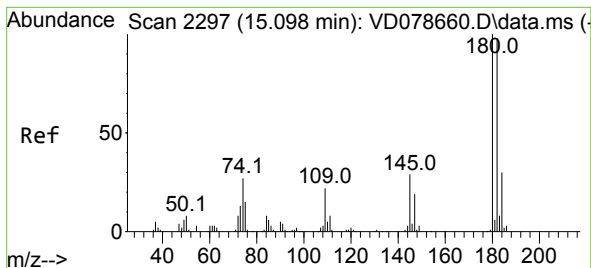
Tgt Ion:	146	Resp:	172947
Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	56.0
148	62.6	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.393 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078789.D
 Acq: 29 Mar 2024 12:41

Tgt Ion:	75	Resp:	7707
Ion	Ratio	Lower	Upper
75	100		
155	114.1	49.8	149.3
157	151.6	65.5	196.3





#93

1,2,4-Trichlorobenzene

Concen: 59.325 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

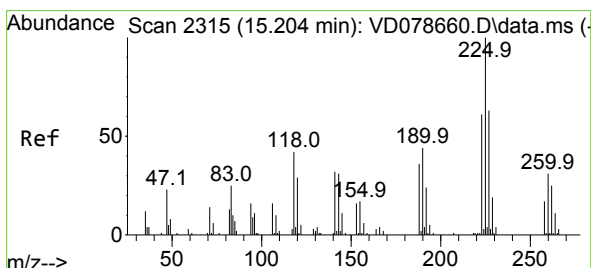
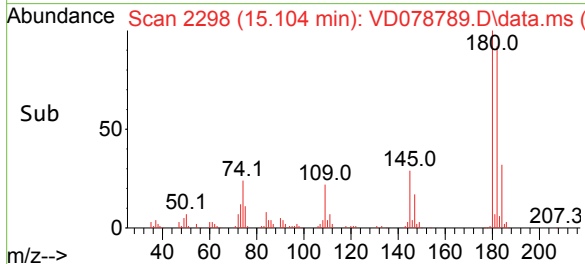
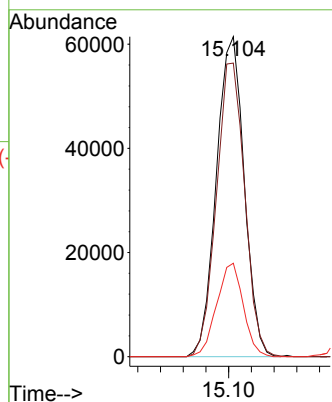
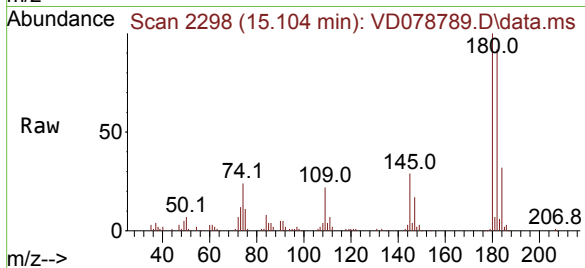
Tgt Ion:180 Resp: 104686

Ion Ratio Lower Upper

180 100

182 93.1 49.7 149.1

145 27.9 14.6 44.0



#94

Hexachlorobutadiene

Concen: 58.275 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078789.D

Acq: 29 Mar 2024 12:41

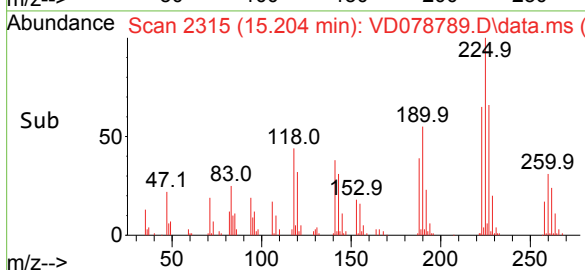
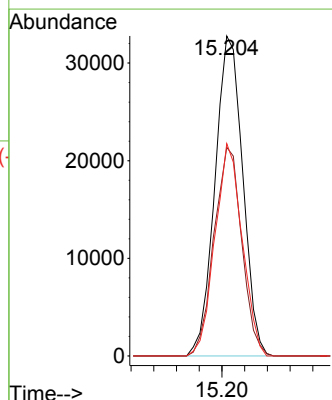
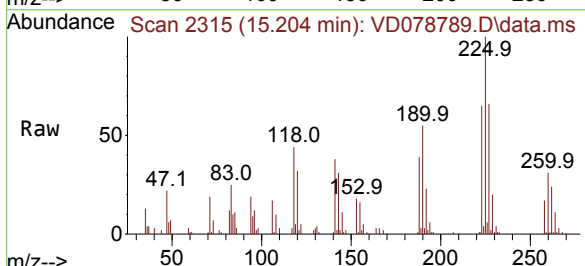
Tgt Ion:225 Resp: 55672

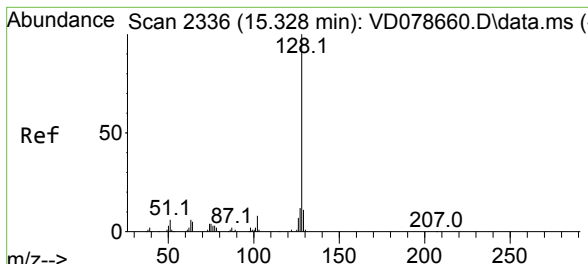
Ion Ratio Lower Upper

225 100

223 65.2 31.9 95.7

227 64.9 32.0 96.0

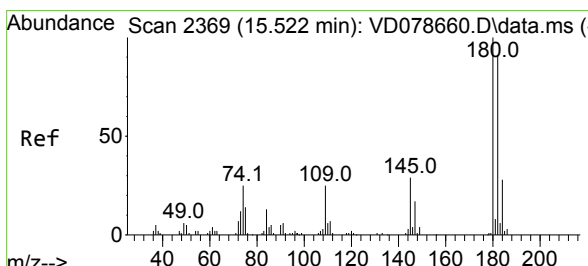
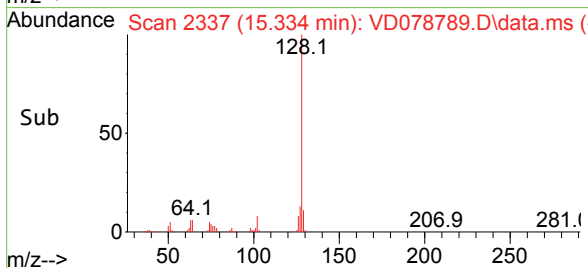
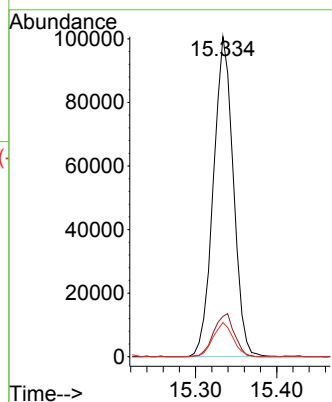
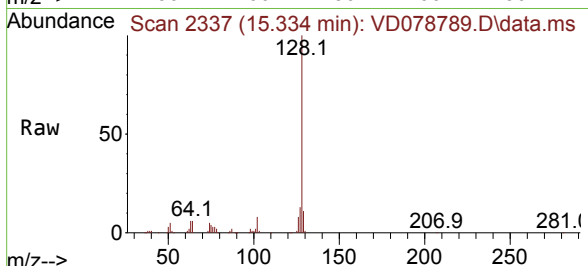




#95
Naphthalene
Concen: 56.152 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp: 172276
Ion Ratio	Lower Upper
128 100	
127 12.6	9.3 13.9
129 10.6	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 59.114 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078789.D
Acq: 29 Mar 2024 12:41

Tgt Ion:180	Resp: 90245
Ion Ratio	Lower Upper
180 100	
182 95.1	46.7 140.1
145 30.0	14.4 43.4

