

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078527.D
 Acq On : 22 Feb 2024 19:45
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 01:10:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	117895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	203697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57929	45.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.804	113	64473	49.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.269	98	241251	46.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.575	95	71799	47.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	56765	48.868	ug/l	95
3) Chloromethane	2.152	50	115919	54.301	ug/l	95
4) Vinyl Chloride	2.275	62	177685	54.547	ug/l	99
5) Bromomethane	2.681	94	124989	55.588	ug/l	98
6) Chloroethane	2.828	64	127055	53.489	ug/l	98
7) Trichlorofluoromethane	3.164	101	108862	49.541	ug/l	97
8) Diethyl Ether	3.593	74	33250	52.534	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	67746	48.870	ug/l	96
10) Methyl Iodide	4.163	142	65085	52.420	ug/l	90
11) Tert butyl alcohol	5.063	59	19581	284.189	ug/l	99
12) 1,1-Dichloroethene	3.928	96	61991	48.234	ug/l	92
13) Acrolein	3.799	56	31028	263.477	ug/l	99
14) Allyl chloride	4.558	41	73977	46.593	ug/l	95
15) Acrylonitrile	5.258	53	74107	273.512	ug/l	96
16) Acetone	4.028	43	59763	242.685	ug/l	89
17) Carbon Disulfide	4.263	76	188156	43.508	ug/l	97
18) Methyl Acetate	4.563	43	66558	69.755	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	150806	55.229	ug/l	99
20) Methylene Chloride	4.793	84	98125	69.135	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	74919	49.552	ug/l	95
22) Diisopropyl ether	6.216	45	178981	51.146	ug/l	94
23) Vinyl Acetate	6.157	43	429334	302.277	ug/l	98
24) 1,1-Dichloroethane	6.110	63	124696	50.301	ug/l	98
25) 2-Butanone	7.081	43	87240	271.467	ug/l	88
26) 2,2-Dichloropropane	7.075	77	100167	48.200	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	85416	51.492	ug/l	94
28) Bromochloromethane	7.422	49	55158	56.176	ug/l	87
29) Tetrahydrofuran	7.446	42	54310	286.485	ug/l	94
30) Chloroform	7.599	83	136746	52.136	ug/l	96
31) Cyclohexane	7.875	56	91697	42.524	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	112133	50.143	ug/l	99
36) 1,1-Dichloropropene	8.010	75	100144	49.821	ug/l	96
37) Ethyl Acetate	7.169	43	39072	55.451	ug/l	93
38) Carbon Tetrachloride	7.993	117	97121	48.789	ug/l	94
39) Methylcyclohexane	9.275	83	110907	46.477	ug/l	97
40) Benzene	8.252	78	303186	52.183	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20285	55.316	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	78114	51.960	ug/l	98
43) Isopropyl Acetate	8.363	43	71381	54.707	ug/l	96
44) Trichloroethene	9.028	130	78506	52.965	ug/l	91
45) 1,2-Dichloropropane	9.304	63	74269	52.100	ug/l	95
46) Dibromomethane	9.393	93	45312	56.512	ug/l	89
47) Bromodichloromethane	9.587	83	105928	53.338	ug/l #	99
48) Methyl methacrylate	9.381	41	41086	59.352	ug/l	87
49) 1,4-Dioxane	9.387	88	10995	1266.230	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	197029	284.512	ug/l	95
52) Toluene	10.334	92	193664	52.710	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	98690	54.461	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	116673	53.097	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	61852	57.282	ug/l	93
56) Ethyl methacrylate	10.598	69	52101	52.171	ug/l	94
57) 1,3-Dichloropropane	10.881	76	103556	56.379	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	202243	343.807	ug/l	96
59) 2-Hexanone	10.922	43	140310	269.602	ug/l	93
60) Dibromochloromethane	11.075	129	75680	58.252	ug/l	99
61) 1,2-Dibromoethane	11.181	107	59990	59.178	ug/l	100
64) Tetrachloroethene	10.810	164	65720	52.911	ug/l	94
65) Chlorobenzene	11.604	112	209306	52.943	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	78804	54.241	ug/l	96
67) Ethyl Benzene	11.681	91	366210	51.699	ug/l	98
68) m/p-Xylenes	11.792	106	291711	105.577	ug/l	93
69) o-Xylene	12.122	106	132969	52.735	ug/l	93
70) Styrene	12.134	104	207541	50.434	ug/l	97
71) Bromoform	12.298	173	44844	58.643	ug/l #	97
73) Isopropylbenzene	12.422	105	352748	50.135	ug/l	97
74) N-amyl acetate	12.234	43	64266	48.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	72995	52.300	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	84885	95.424	ug/l #	100
77) Bromobenzene	12.698	156	88724	53.657	ug/l	94
78) n-propylbenzene	12.763	91	423460	48.295	ug/l	96
79) 2-Chlorotoluene	12.845	91	231516	49.298	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	291977	49.976	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	22212	51.838	ug/l	97
82) 4-Chlorotoluene	12.945	91	247059	48.983	ug/l	98
83) tert-Butylbenzene	13.169	119	254142	51.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	302589	51.032	ug/l	96
85) sec-Butylbenzene	13.345	105	372368	48.731	ug/l	95
86) p-Isopropyltoluene	13.457	119	333204	51.195	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	179565	50.880	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	179172	51.669	ug/l	100
89) n-Butylbenzene	13.787	91	310762	49.537	ug/l	97
90) Hexachloroethane	14.051	117	65319	48.829	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	158052	53.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9832	53.800	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	93520	53.695	ug/l	97
94) Hexachlorobutadiene	15.204	225	46709	51.380	ug/l	97
95) Naphthalene	15.333	128	190154	58.864	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	84811	57.457	ug/l	98

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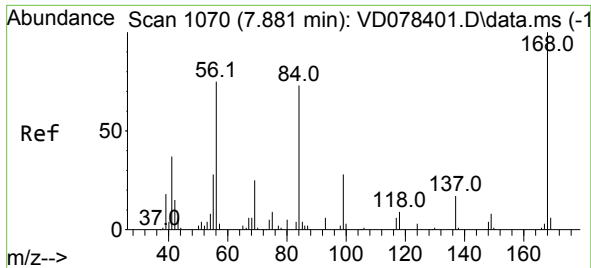
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QLast Update : Wed Feb 14 01:16:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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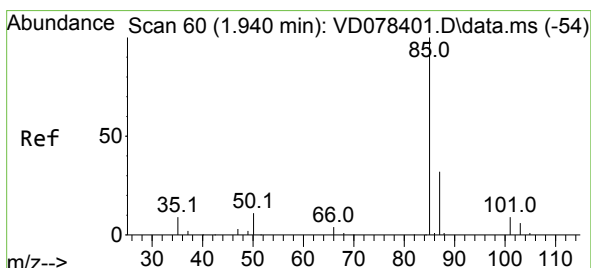
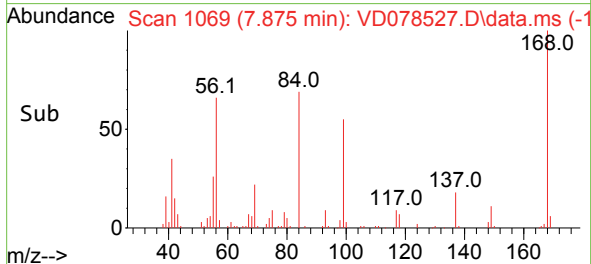
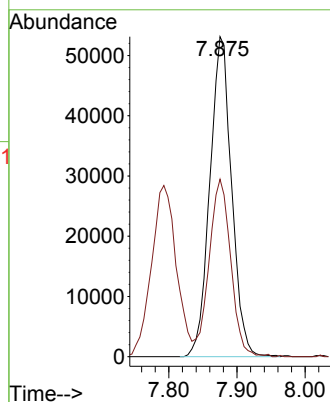
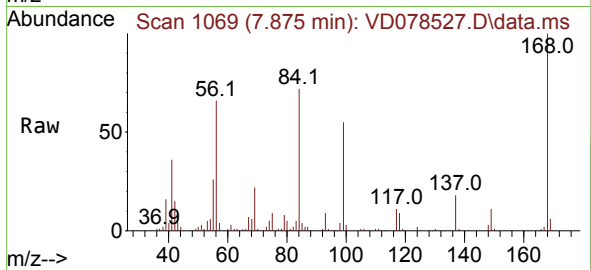




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

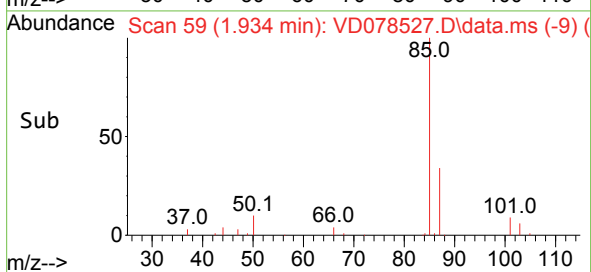
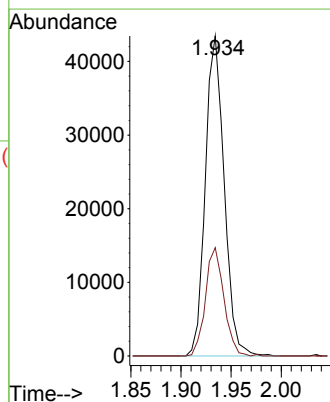
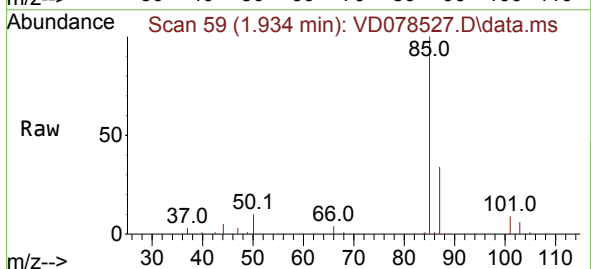
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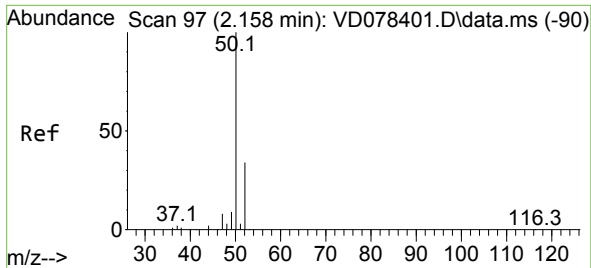
Tgt Ion:168 Resp: 117895
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 48.868 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 85 Resp: 56765
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

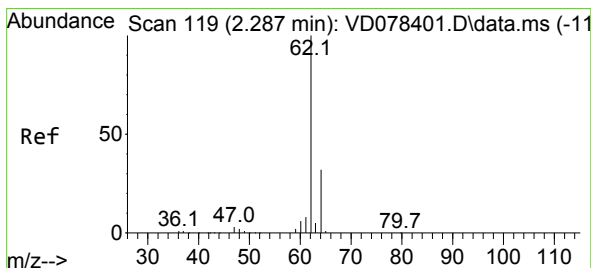
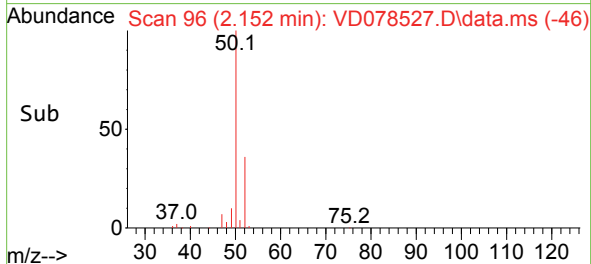
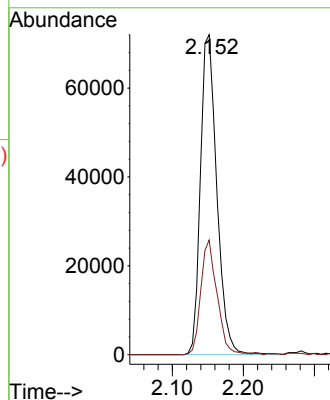
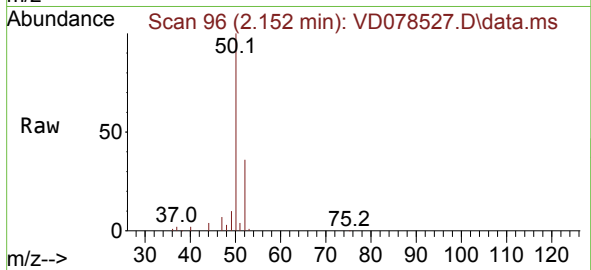




#3
Chloromethane
Concen: 54.301 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

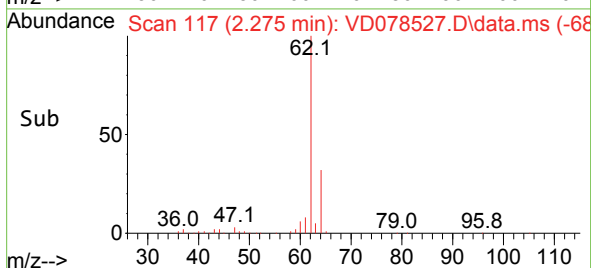
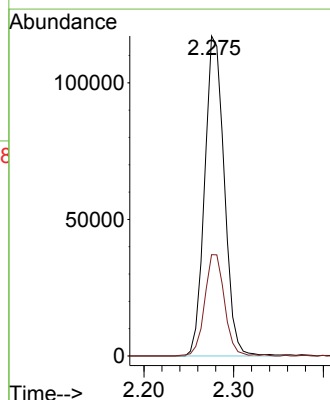
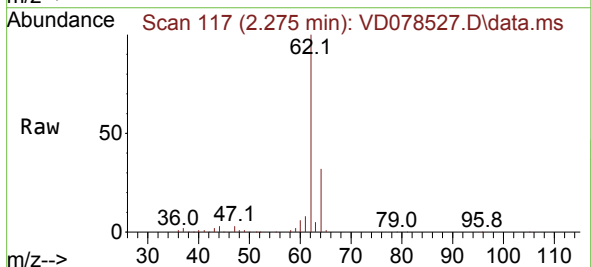
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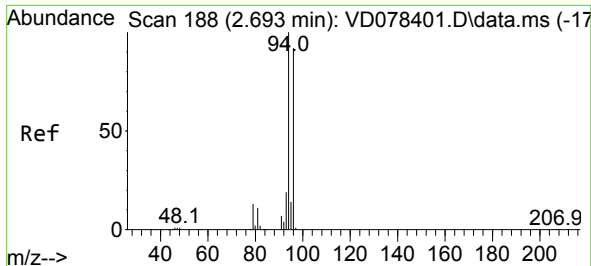
Tgt Ion: 50 Resp: 115919
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0



#4
Vinyl Chloride
Concen: 54.547 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 62 Resp: 177685
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

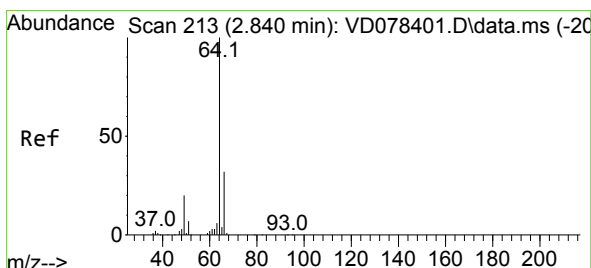
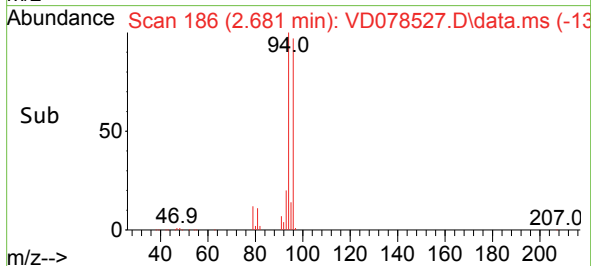
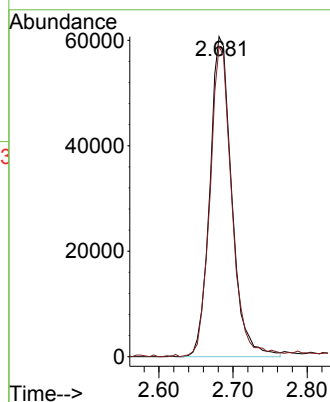
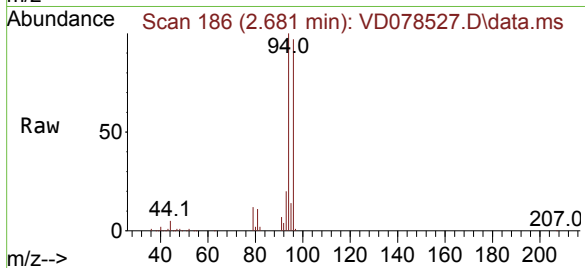




#5
Bromomethane
Concen: 55.588 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

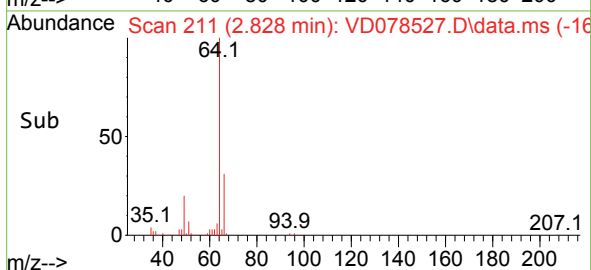
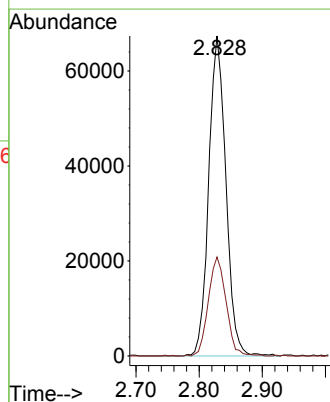
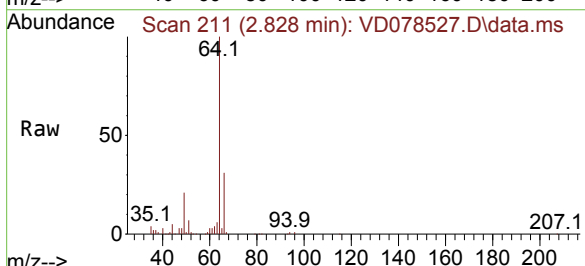
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Tgt Ion: 94 Resp: 124989
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.8



#6
Chloroethane
Concen: 53.489 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 64 Resp: 127055
Ion Ratio Lower Upper
64 100
66 30.9 25.5 38.3

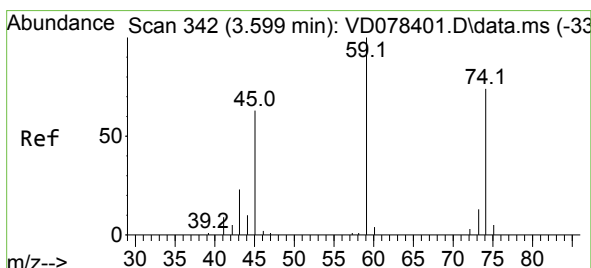
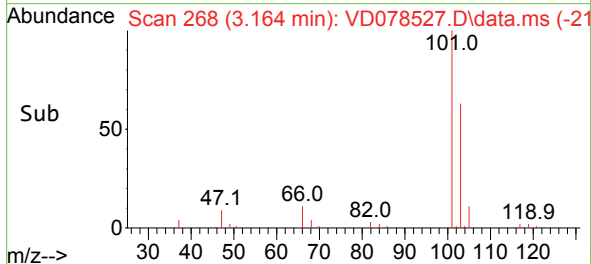
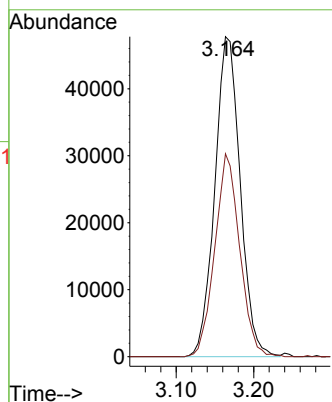
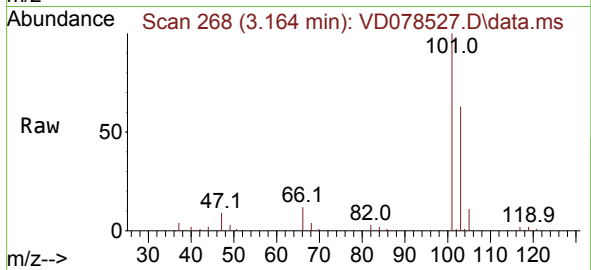




#7
 Trichlorofluoromethane
 Concen: 49.541 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VD078527.D
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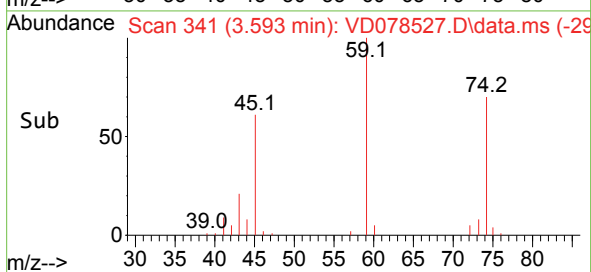
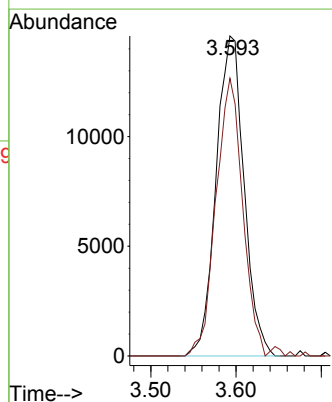
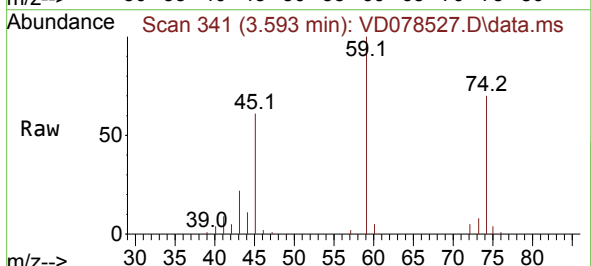
Instrument :
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 VSTDCCC050EC

Tgt Ion:101 Resp: 108862
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 52.534 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

Tgt Ion: 74 Resp: 33250
 Ion Ratio Lower Upper
 74 100
 45 83.0 37.5 112.7

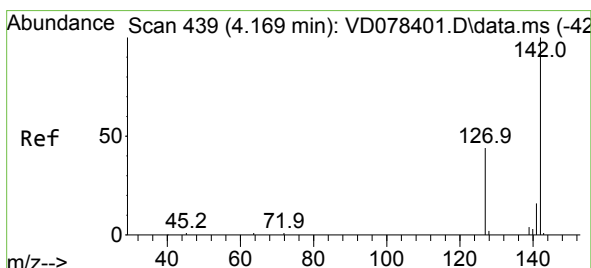
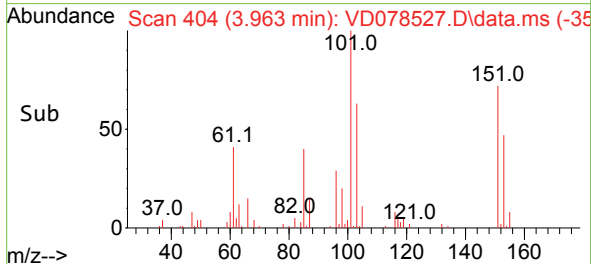
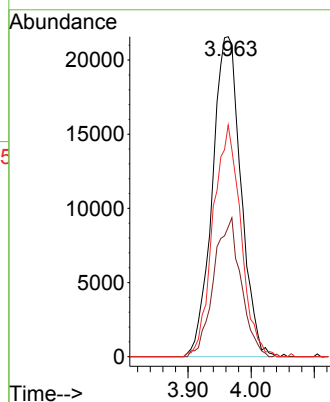
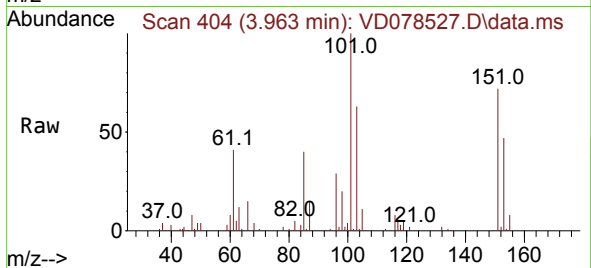




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.870 ug/l
 RT: 3.963 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078527.D
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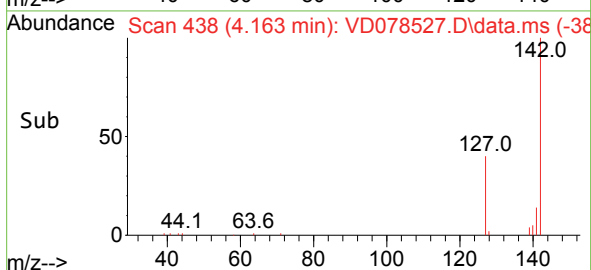
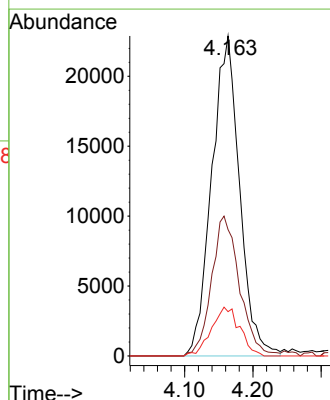
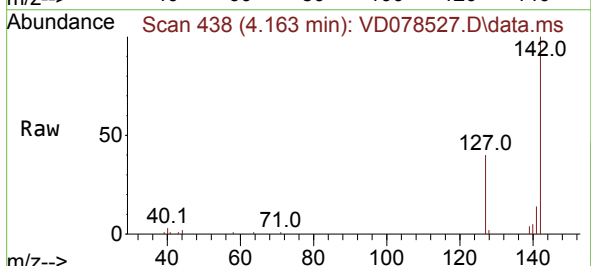
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 ClientSampleId :
 VSTDCCC050EC

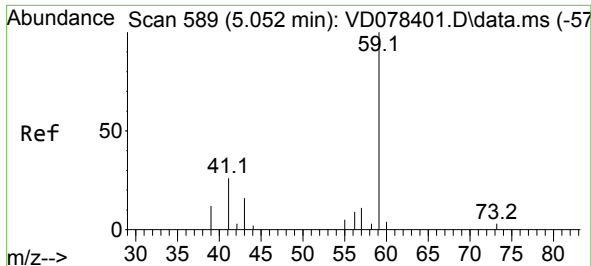
Tgt Ion:	101	Resp:	67746
Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.8	50.6
151	70.3	59.8	89.6



#10
 Methyl Iodide
 Concen: 52.420 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

Tgt Ion:	142	Resp:	65085
Ion	Ratio	Lower	Upper
142	100		
127	43.8	29.4	44.0
141	15.6	11.1	16.7

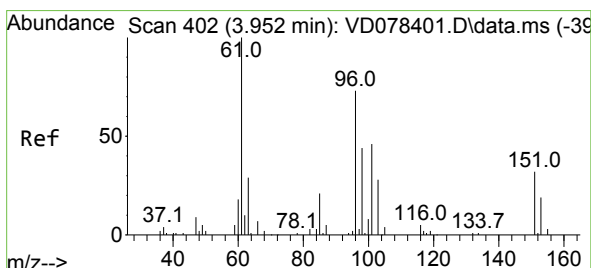
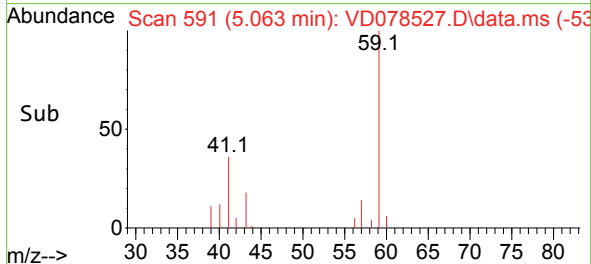
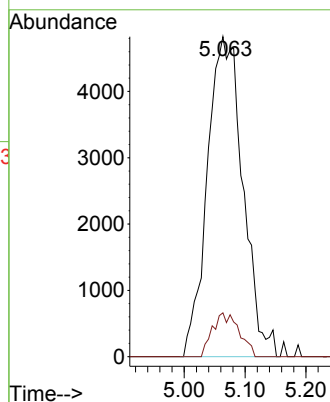
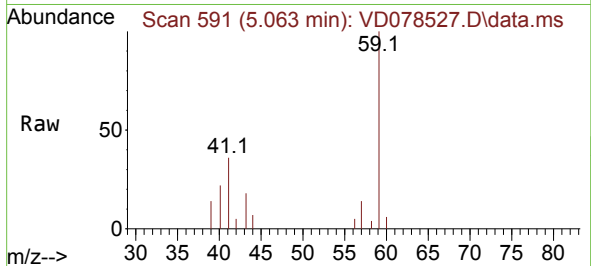




#11
Tert butyl alcohol
Concen: 284.189 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

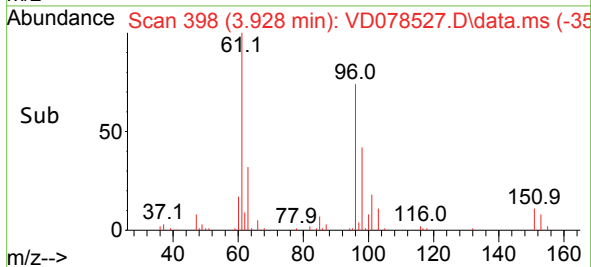
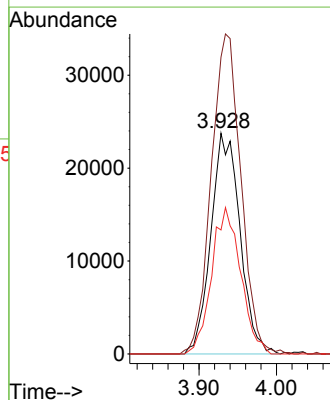
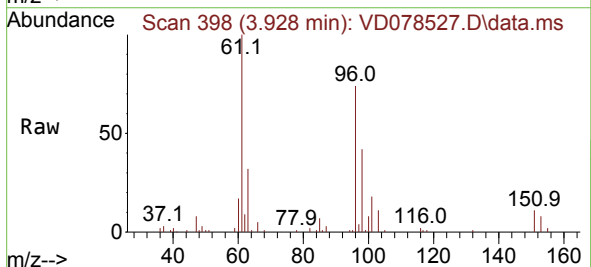
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

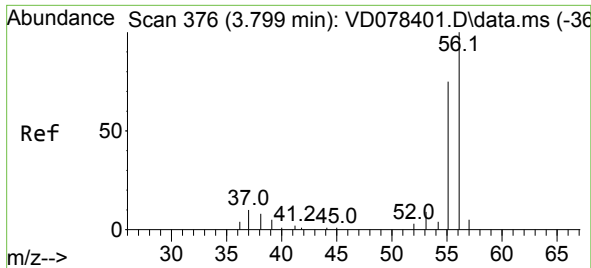
Tgt Ion: 59 Resp: 19581
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.234 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.024 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 96 Resp: 61991
Ion Ratio Lower Upper
96 100
61 134.5 100.6 150.8
98 56.2 50.2 75.2





#13

Acrolein

Concen: 263.477 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

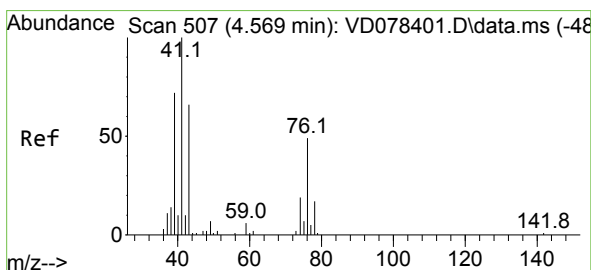
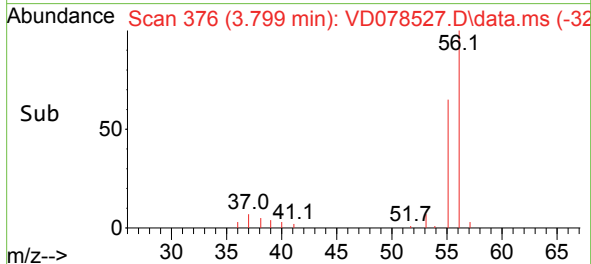
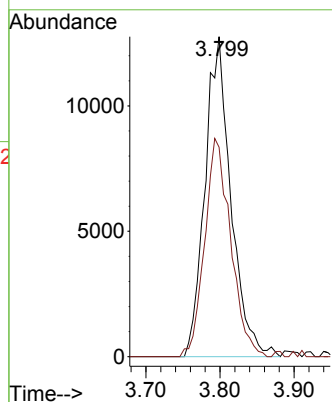
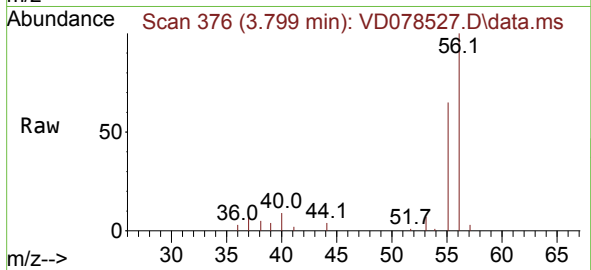
VSTDCCC050EC

Tgt Ion: 56 Resp: 31028

Ion Ratio Lower Upper

56 100

55 68.4 55.1 82.7



#14

Allyl chloride

Concen: 46.593 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

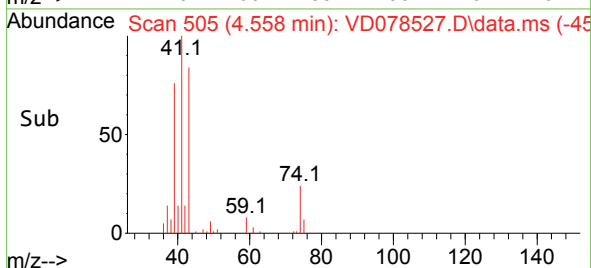
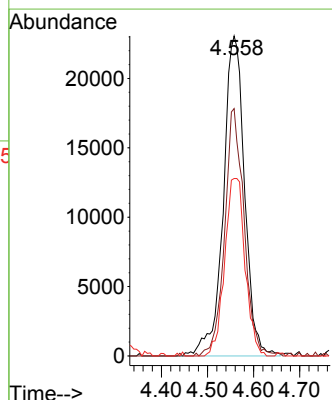
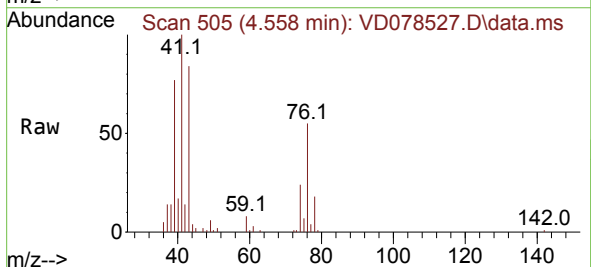
Tgt Ion: 41 Resp: 73977

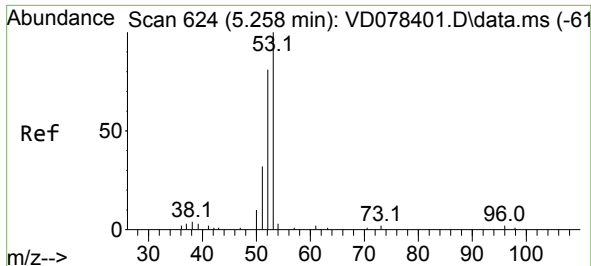
Ion Ratio Lower Upper

41 100

39 70.4 53.8 80.6

76 53.1 45.8 68.8

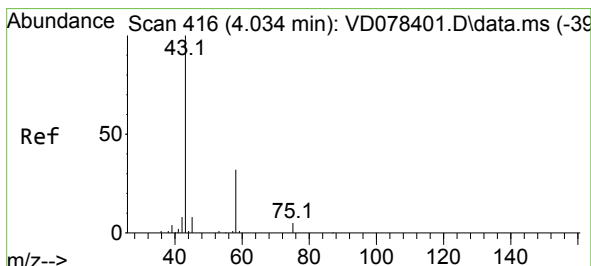
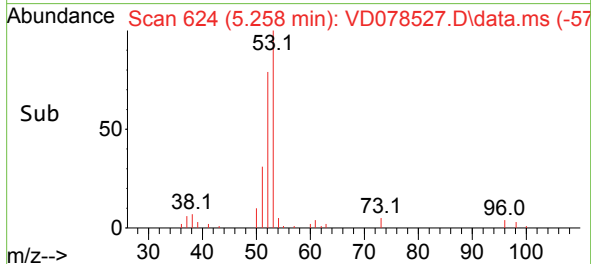
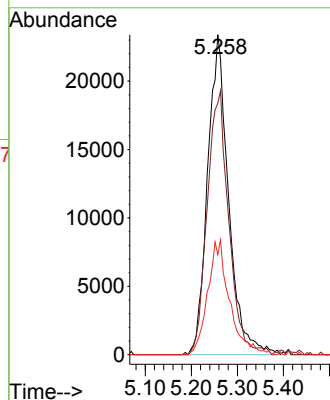
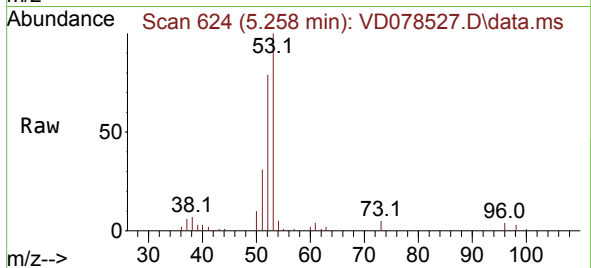




#15
Acrylonitrile
Concen: 273.512 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

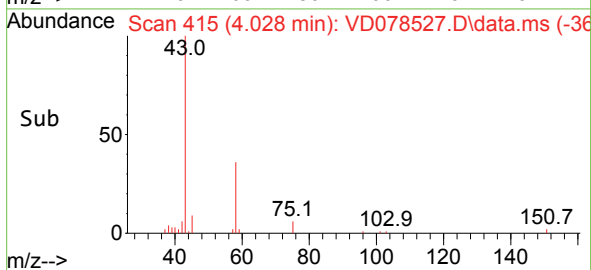
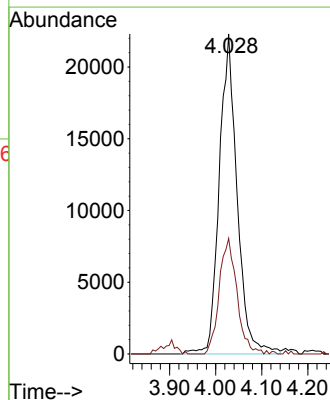
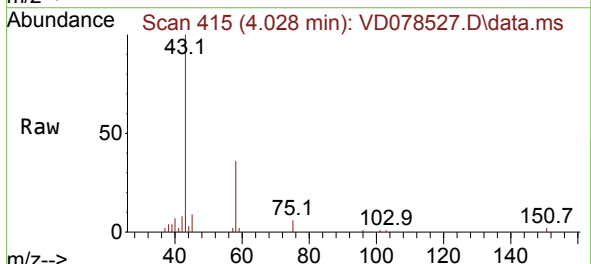
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

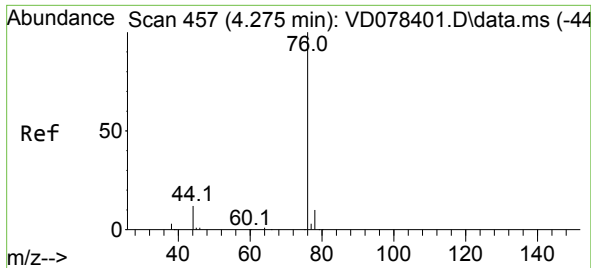
Tgt Ion:	53	Resp:	74107
Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.0	97.4
51	37.4	28.3	42.5



#16
Acetone
Concen: 242.685 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:	43	Resp:	59763
Ion	Ratio	Lower	Upper
43	100		
58	36.1	34.7	52.1

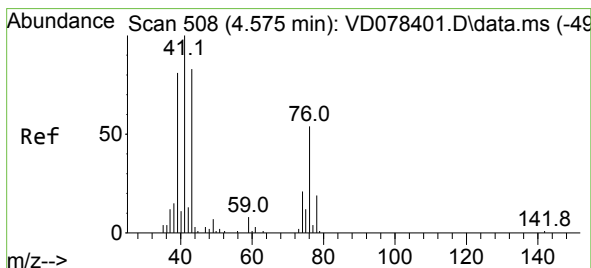
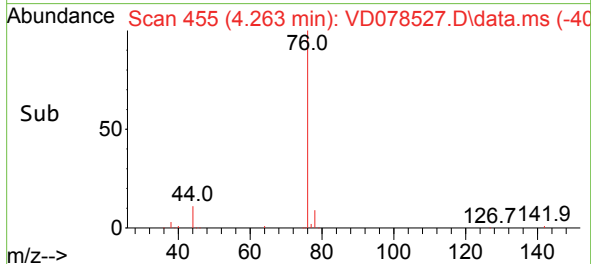
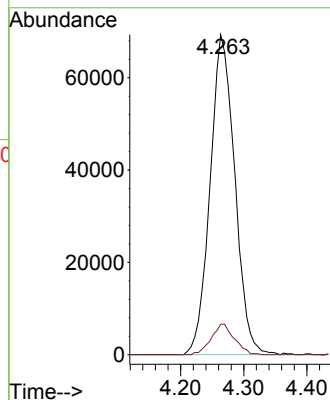
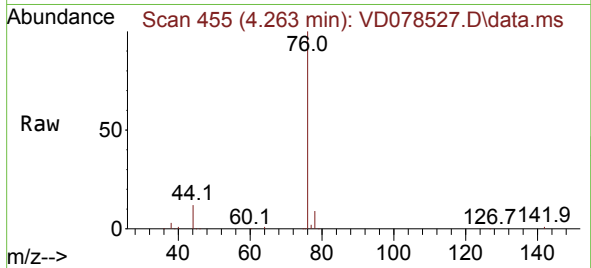




#17
Carbon Disulfide
Concen: 43.508 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

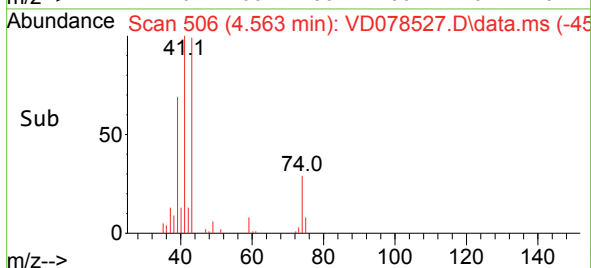
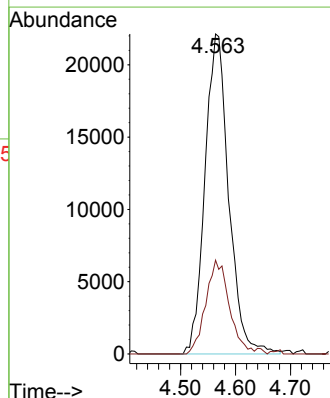
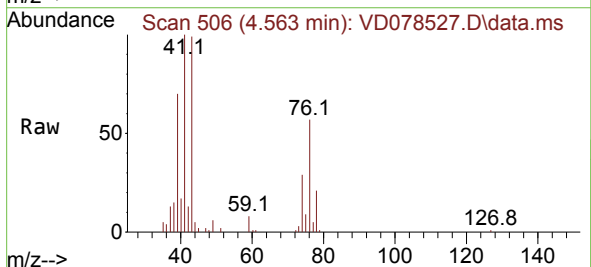
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

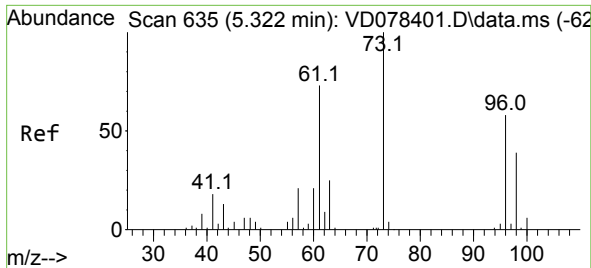
Tgt Ion: 76 Resp: 188156
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 69.755 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 43 Resp: 66558
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6

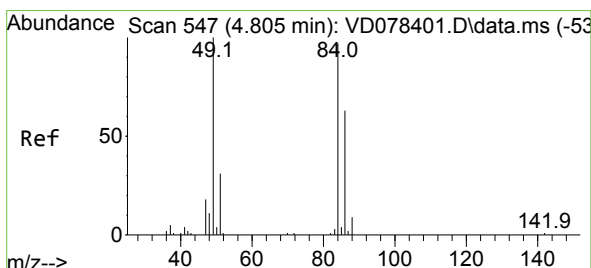
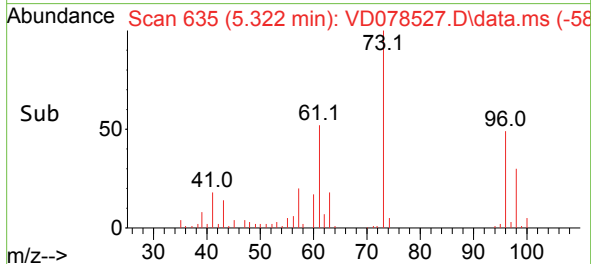
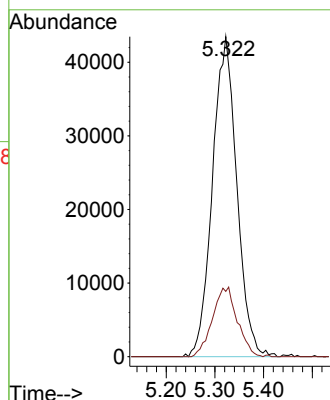
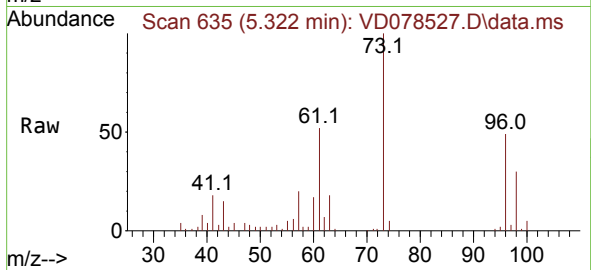




#19
Methyl tert-butyl Ether
Concen: 55.229 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

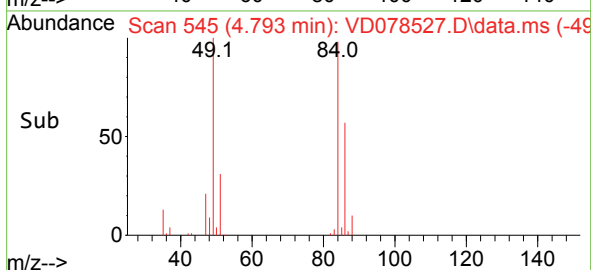
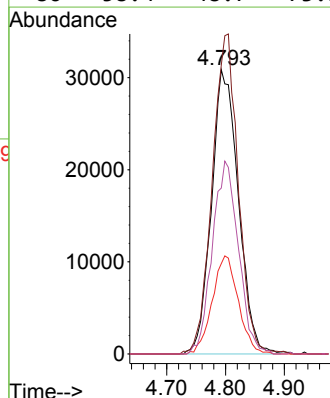
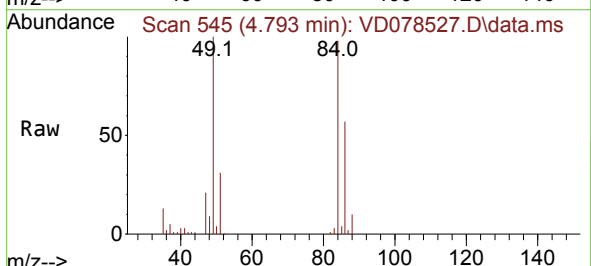
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 150806
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0



#20
Methylene Chloride
Concen: 69.135 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 84 Resp: 98125
Ion Ratio Lower Upper
84 100
49 101.8 71.4 107.2
51 31.8 24.5 36.7
86 58.4 48.7 73.1

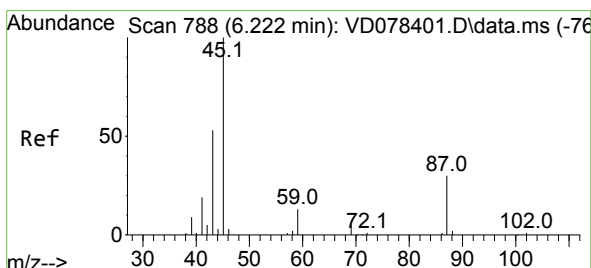
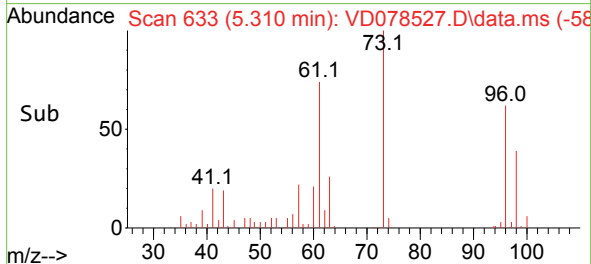
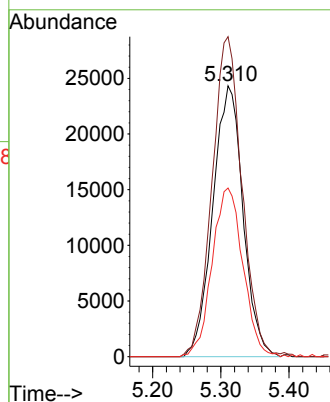
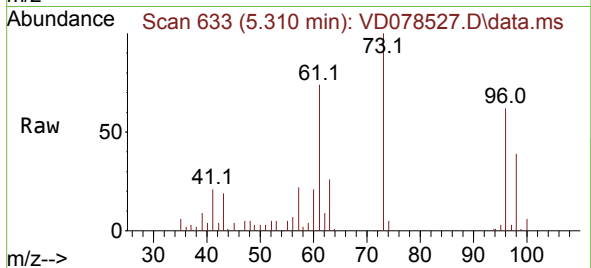




#21
trans-1,2-Dichloroethene
Concen: 49.552 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

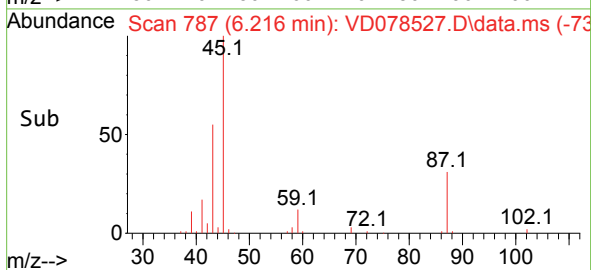
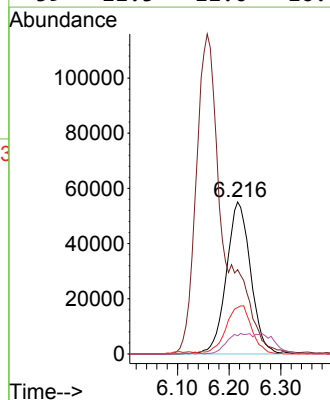
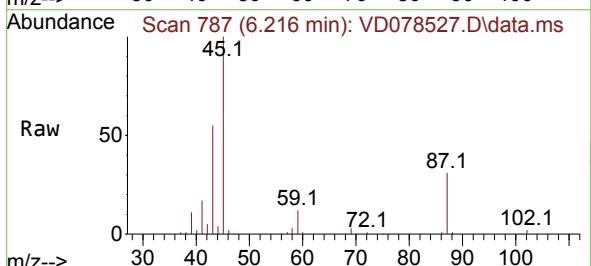
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

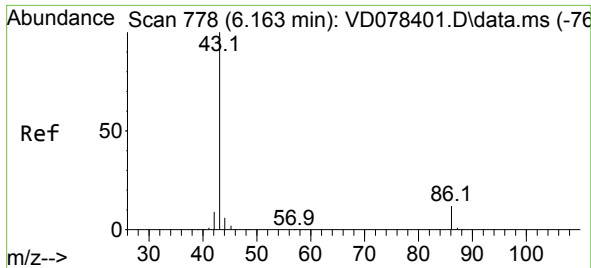
Tgt Ion: 96 Resp: 74919
Ion Ratio Lower Upper
96 100
61 118.1 89.3 133.9
98 62.2 48.6 73.0



#22
Diisopropyl ether
Concen: 51.146 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 45 Resp: 178981
Ion Ratio Lower Upper
45 100
43 52.7 40.0 60.0
87 30.1 28.2 42.4
59 11.5 11.0 16.4

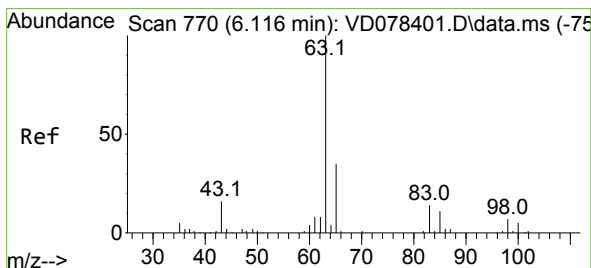
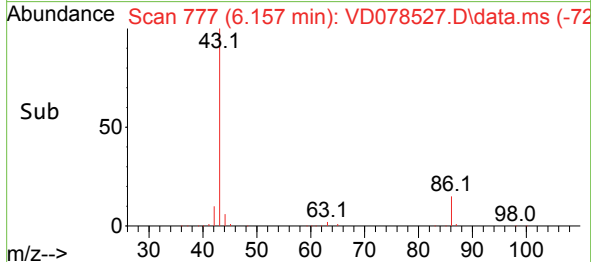
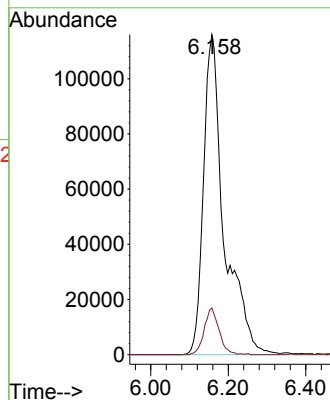
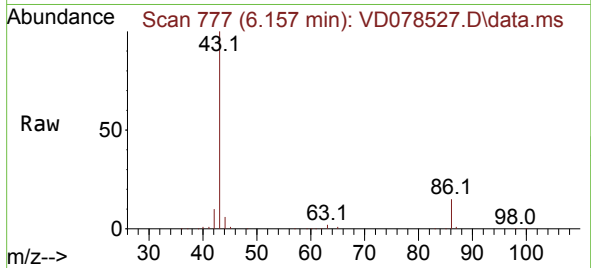




#23
 Vinyl Acetate
 Concen: 302.277 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

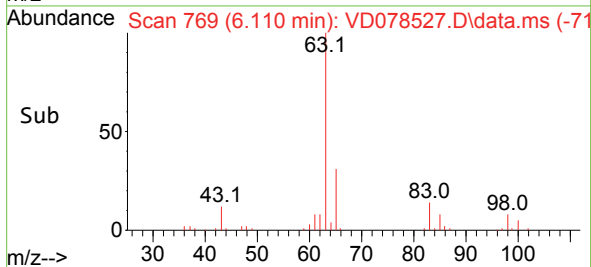
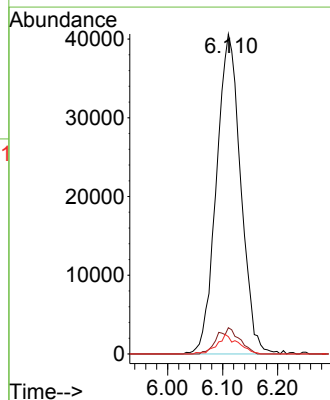
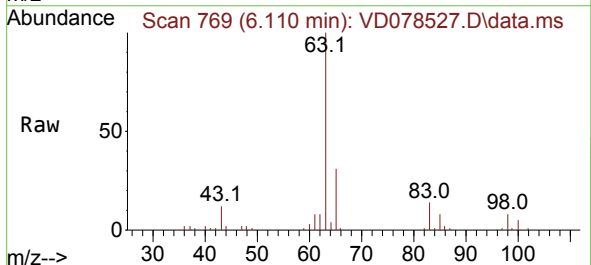
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

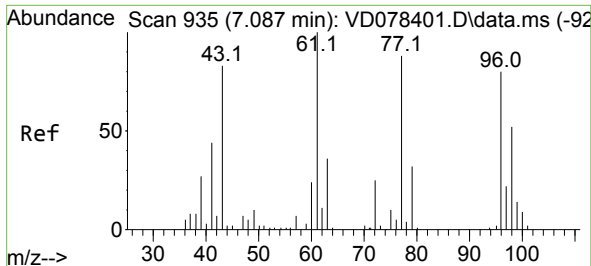
Tgt Ion: 43 Resp: 429334
 Ion Ratio Lower Upper
 43 100
 86 14.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 50.301 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

Tgt Ion: 63 Resp: 124696
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 5.4 2.5 7.5

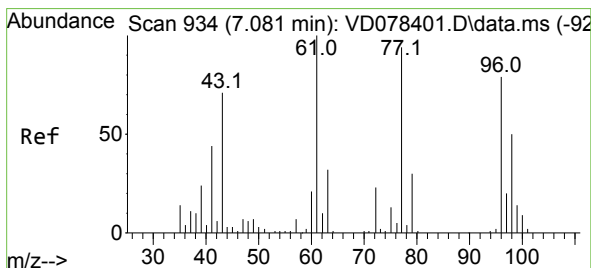
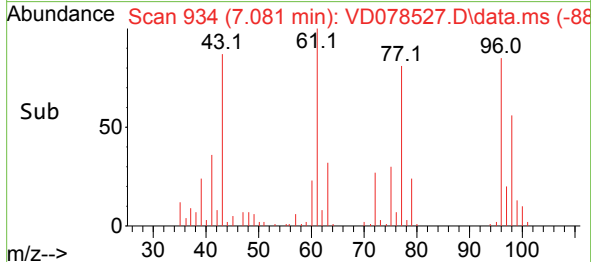
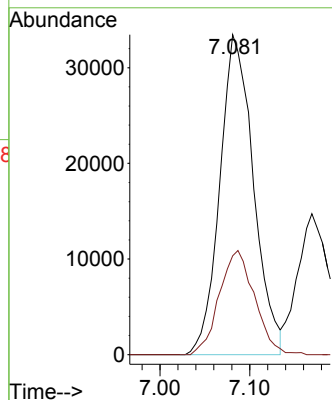
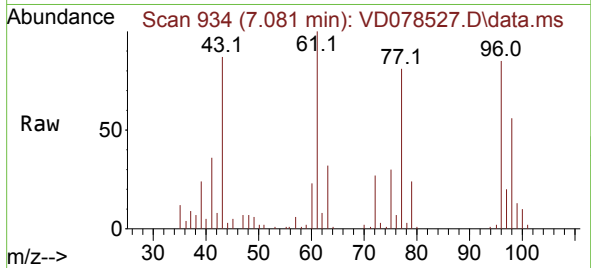




#25
2-Butanone
Concen: 271.467 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

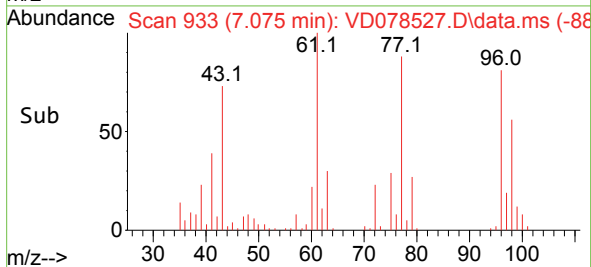
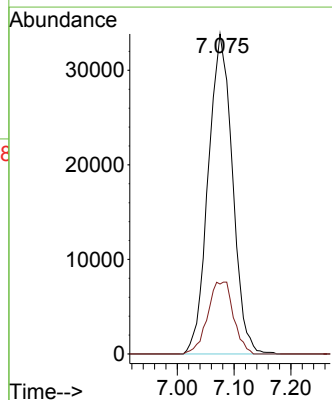
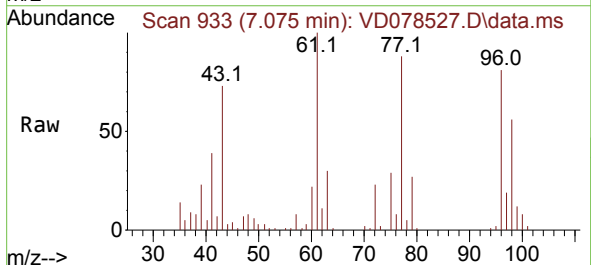
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 87240
Ion Ratio Lower Upper
43 100
72 30.9 30.7 46.1



#26
2,2-Dichloropropane
Concen: 48.200 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 77 Resp: 100167
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

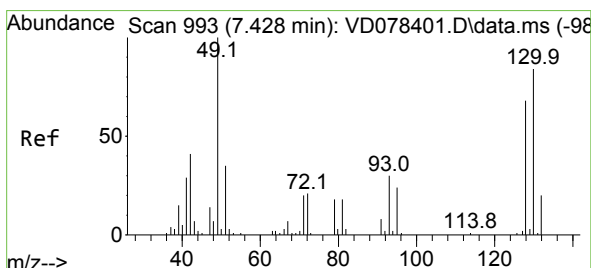
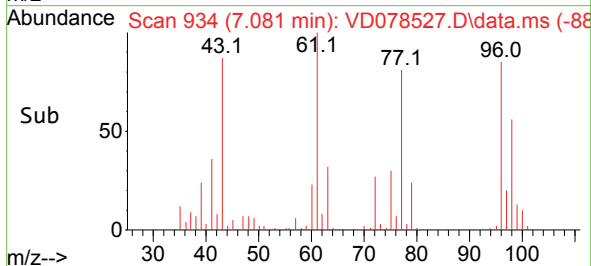
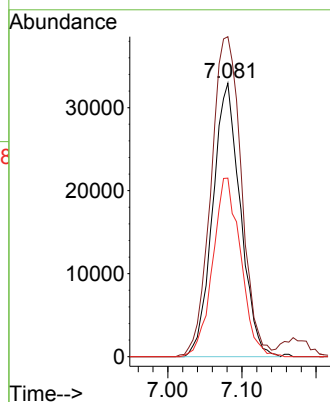
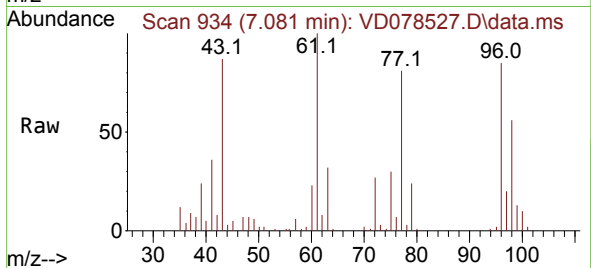




#27
 cis-1,2-Dichloroethene
 Concen: 51.492 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

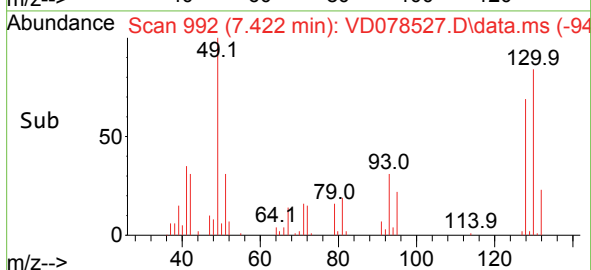
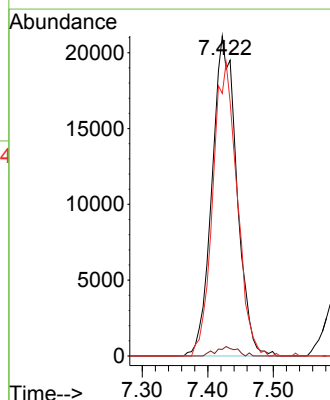
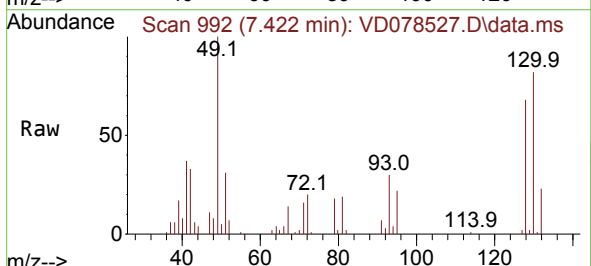
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

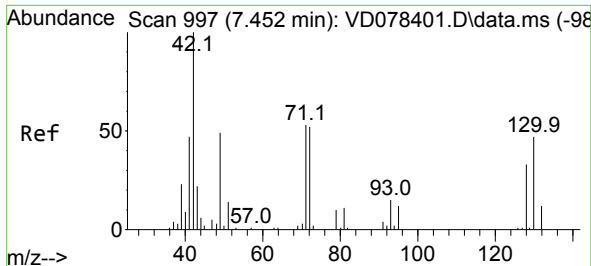
Tgt Ion: 96 Resp: 85416
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 239.2
 98 66.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 56.176 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

Tgt Ion: 49 Resp: 55158
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 90.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 286.485 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

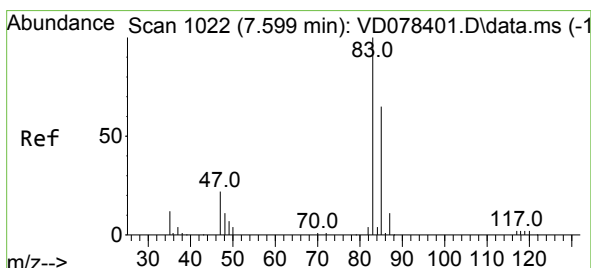
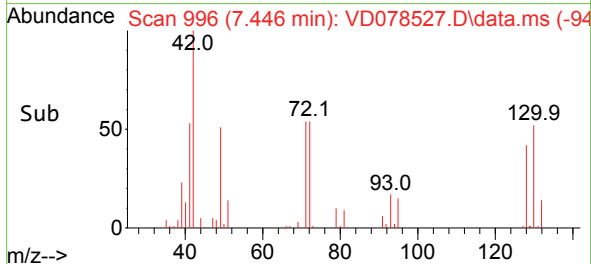
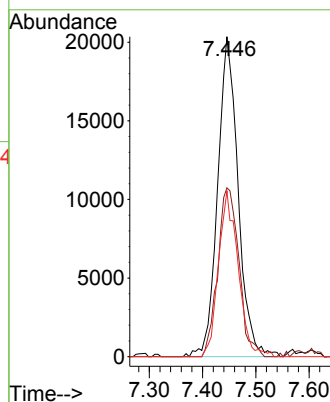
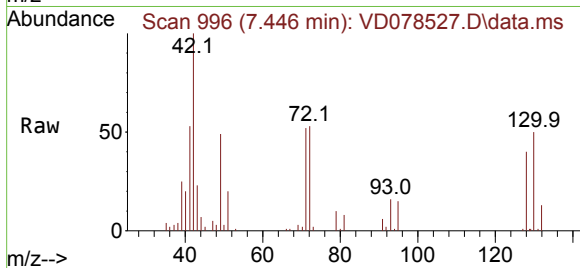
Tgt Ion: 42 Resp: 54310

Ion Ratio Lower Upper

42 100

72 54.5 46.5 69.7

71 49.8 44.5 66.7



#30

Chloroform

Concen: 52.136 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078527.D

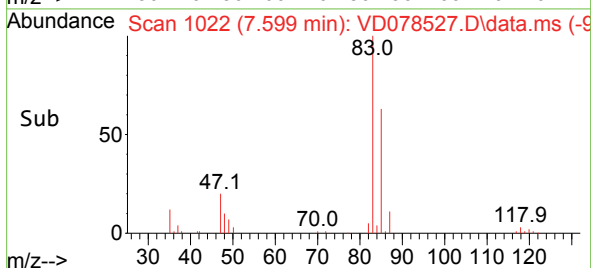
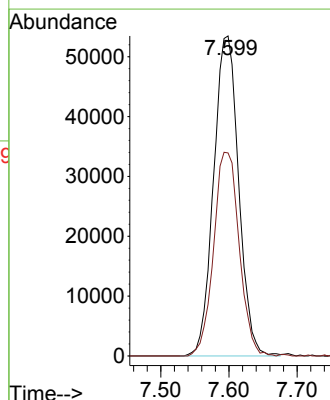
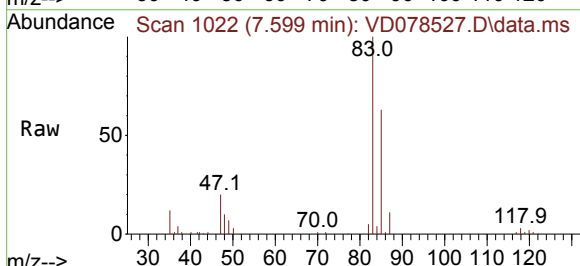
Acq: 22 Feb 2024 19:45

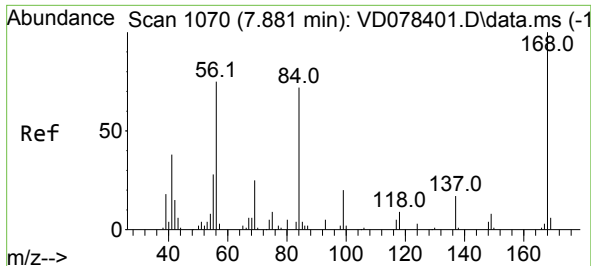
Tgt Ion: 83 Resp: 136746

Ion Ratio Lower Upper

83 100

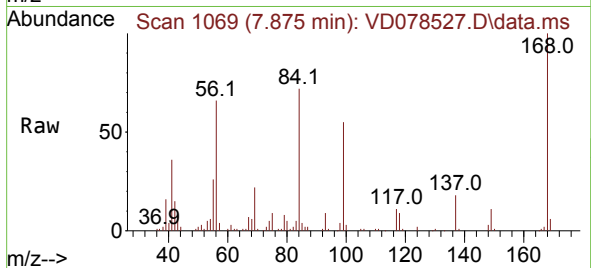
85 63.5 53.4 80.2



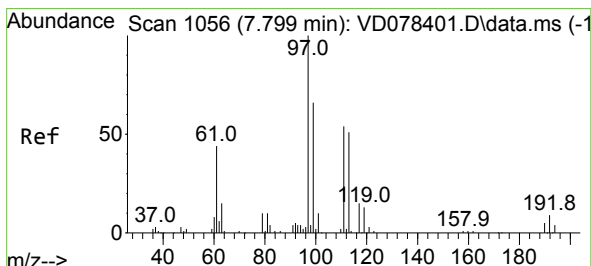
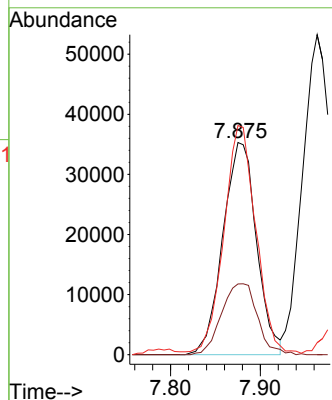
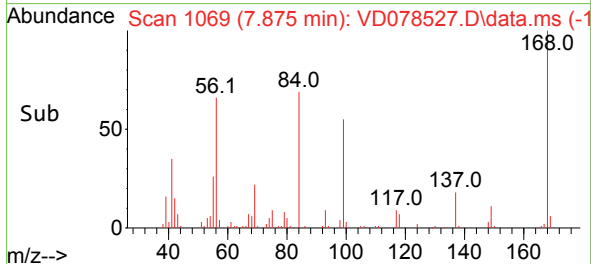


#31
Cyclohexane
Concen: 42.524 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

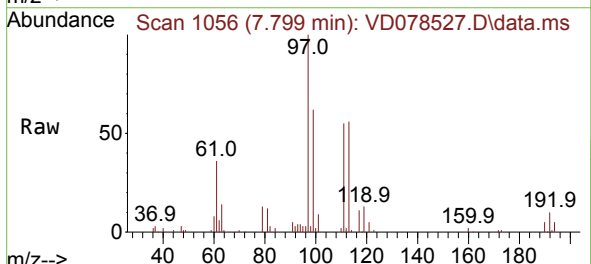
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



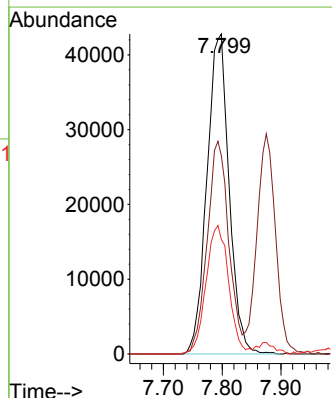
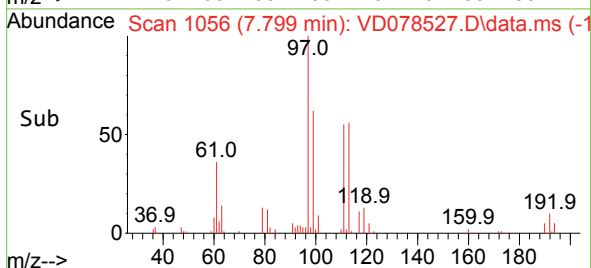
Tgt Ion: 56 Resp: 91697
Ion Ratio Lower Upper
56 100
69 33.3 28.6 43.0
84 106.6 84.8 127.2

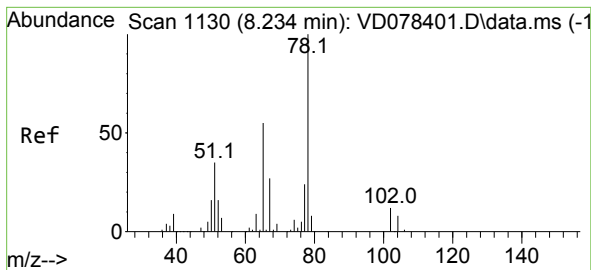


#32
1,1,1-Trichloroethane
Concen: 50.143 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45



Tgt Ion: 97 Resp: 112133
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 41.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.444 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

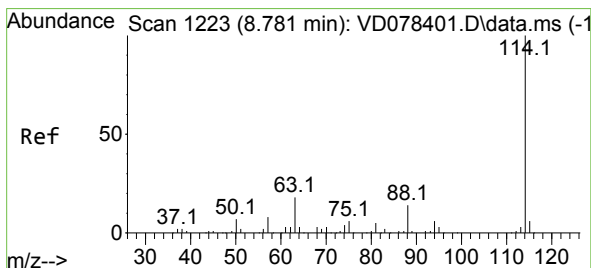
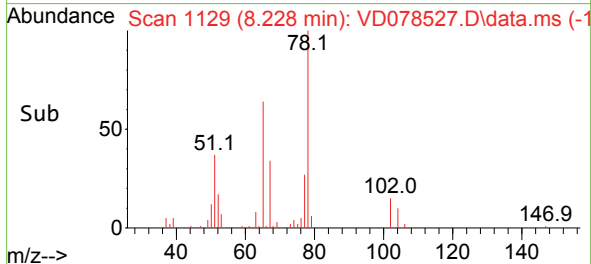
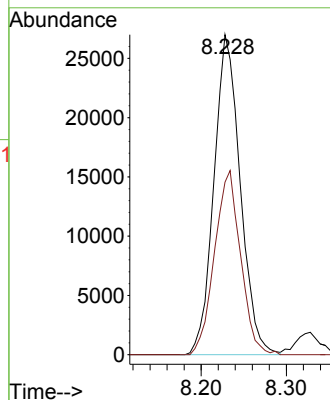
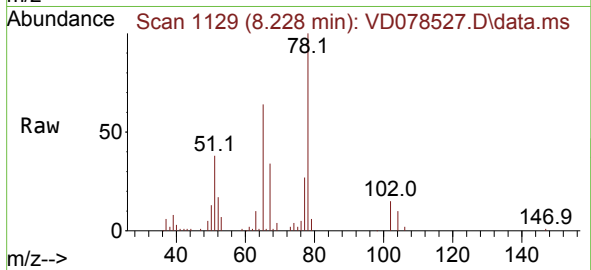
VSTDCCC050EC

Tgt Ion: 65 Resp: 57929

Ion Ratio Lower Upper

65 100

67 56.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

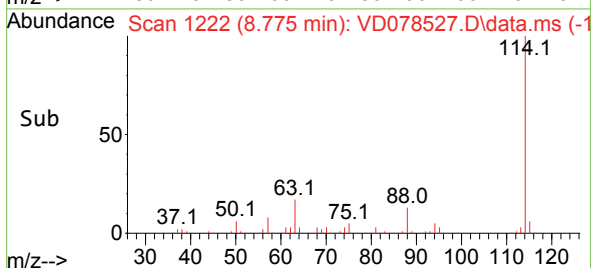
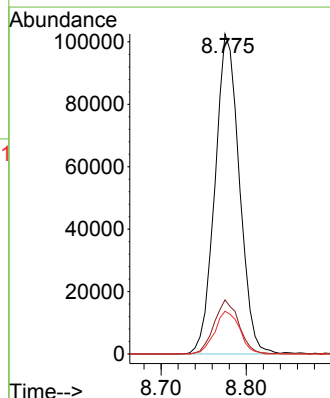
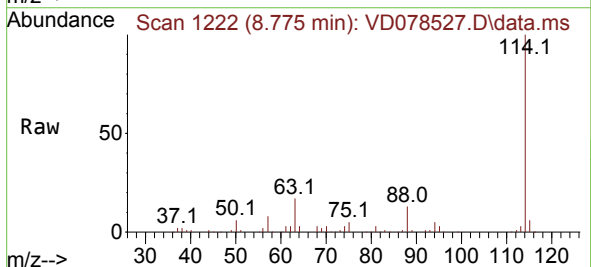
Tgt Ion: 114 Resp: 203697

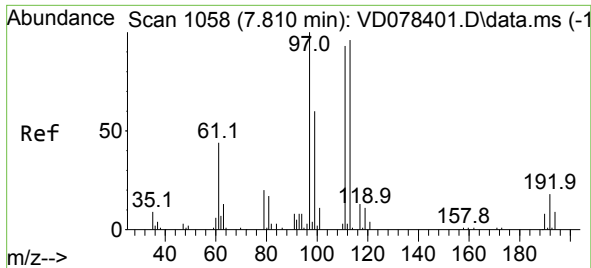
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.3 0.0 26.2

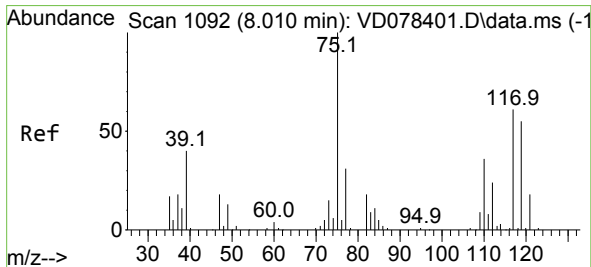
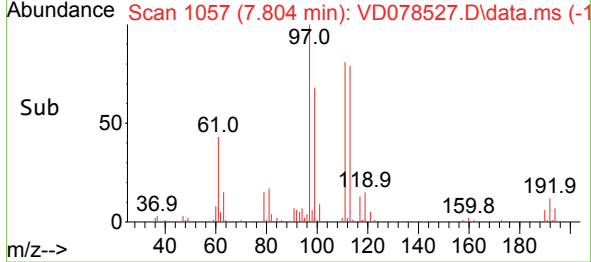
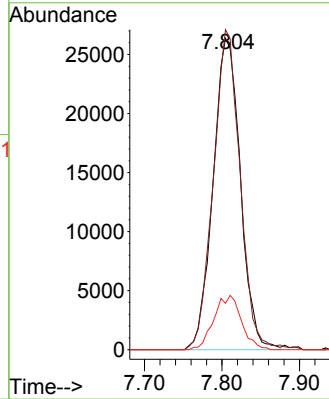
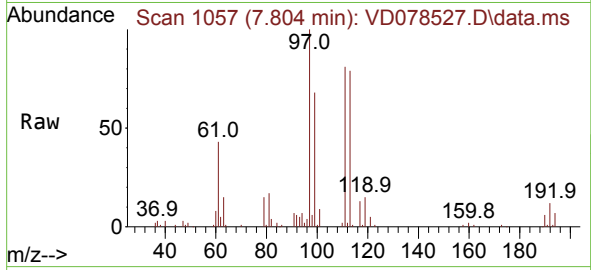




#35
Dibromofluoromethane
Concen: 49.828 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

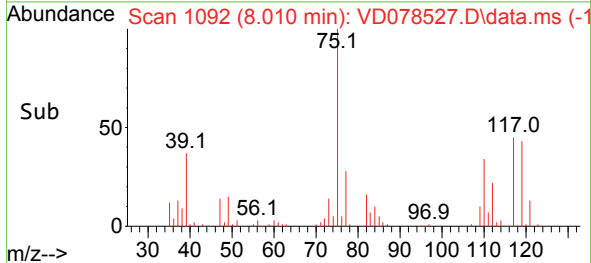
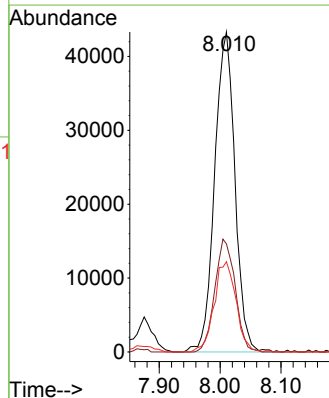
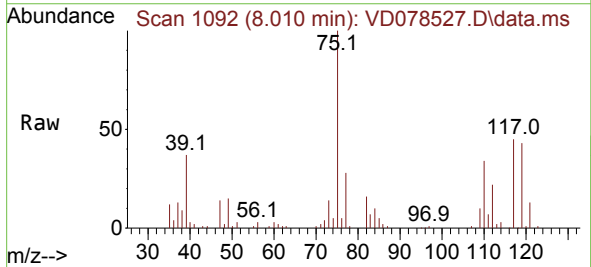
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 64473
Ion Ratio Lower Upper
113 100
111 100.8 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.821 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 75 Resp: 100144
Ion Ratio Lower Upper
75 100
110 35.4 19.9 59.6
77 30.3 24.7 37.1

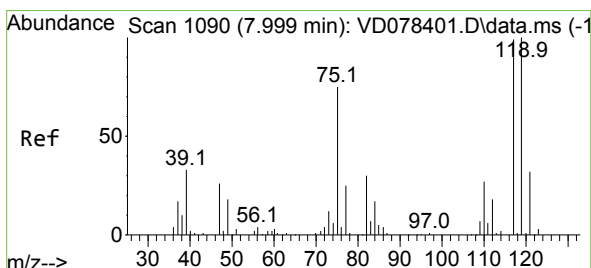
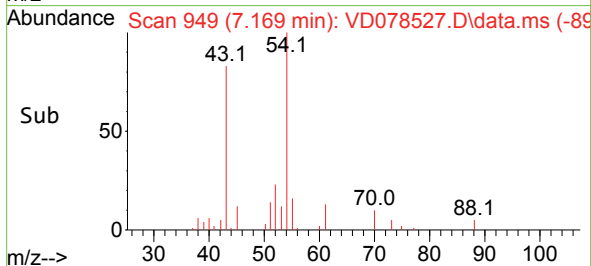
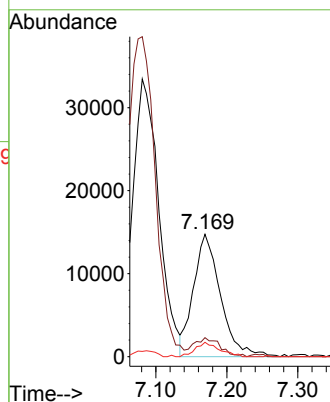
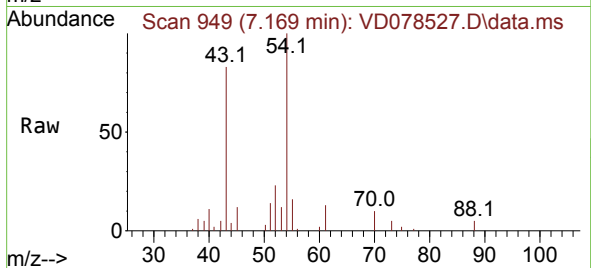




#37
Ethyl Acetate
Concen: 55.451 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

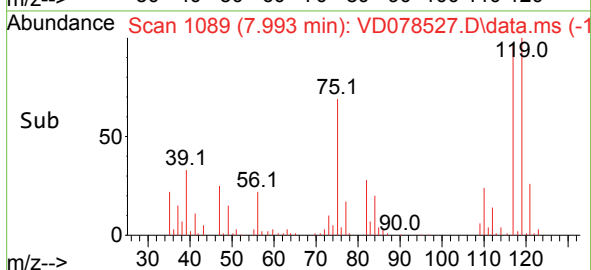
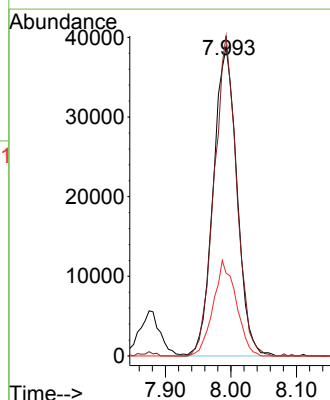
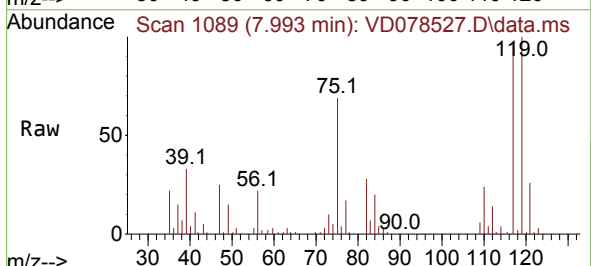
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

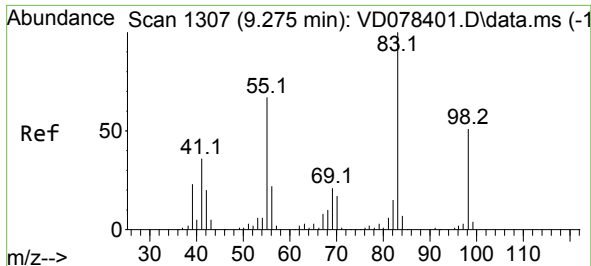
Tgt Ion:	43	Resp:	39072
Ion Ratio	Lower	Upper	
43	100		
61	15.1	14.9	22.3
70	10.3	10.0	15.0



#38
Carbon Tetrachloride
Concen: 48.789 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:	117	Resp:	97121
Ion Ratio	Lower	Upper	
117	100		
119	103.4	78.0	117.0
121	26.8	24.2	36.2

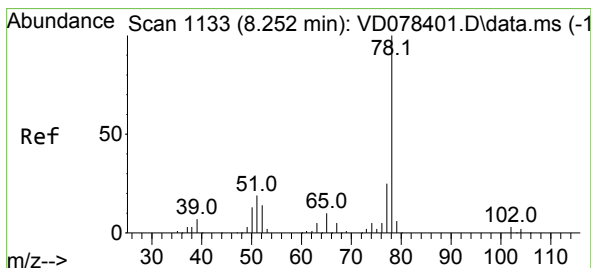
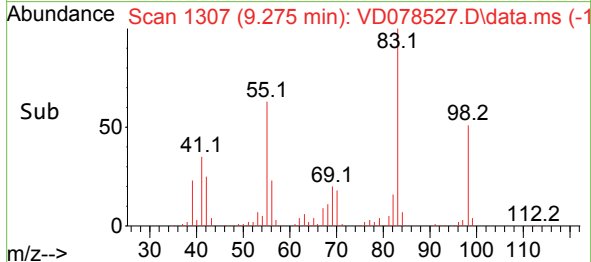
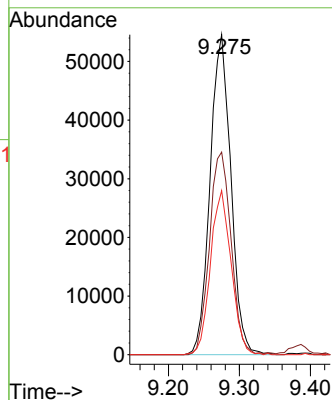
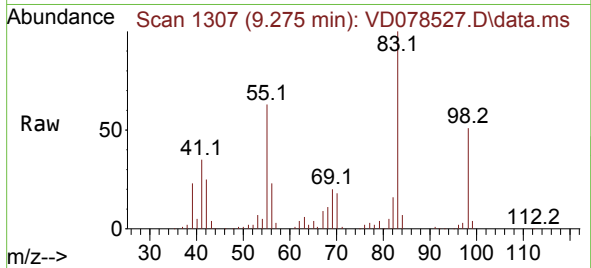




#39
Methylcyclohexane
Concen: 46.477 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

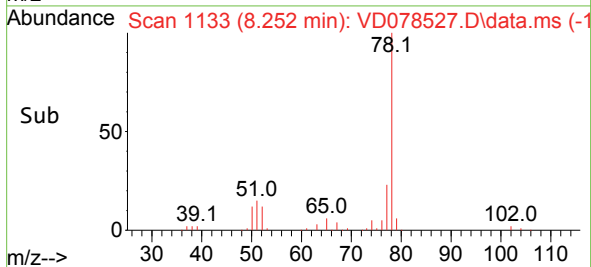
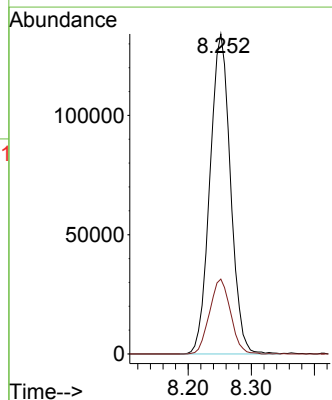
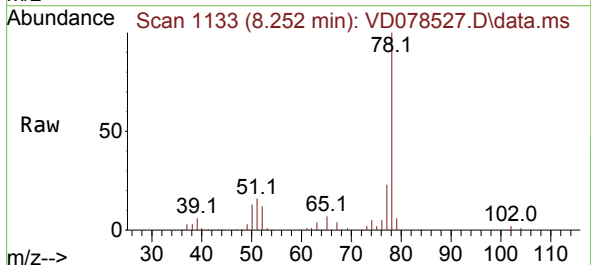
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

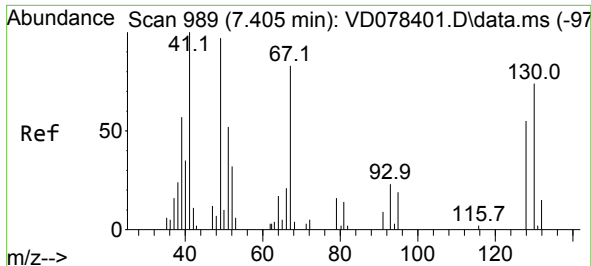
Tgt Ion: 83 Resp: 110907
Ion Ratio Lower Upper
83 100
55 63.3 49.4 74.0
98 51.2 38.4 57.6



#40
Benzene
Concen: 52.183 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 78 Resp: 303186
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

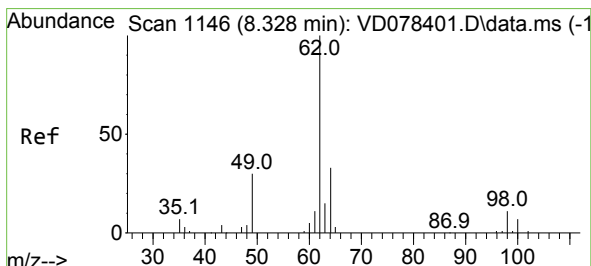
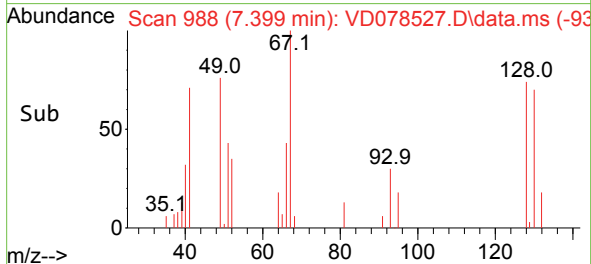
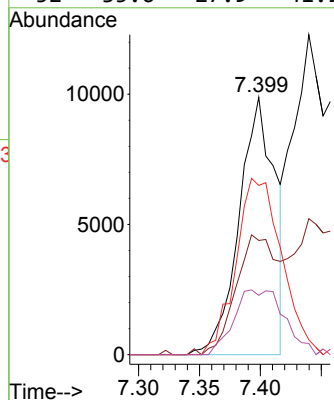
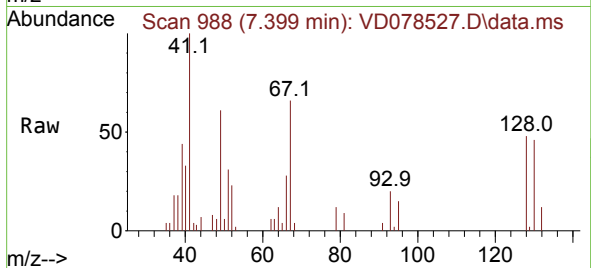




#41
Methacrylonitrile
Concen: 55.316 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

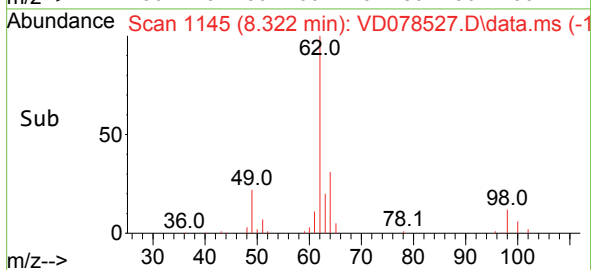
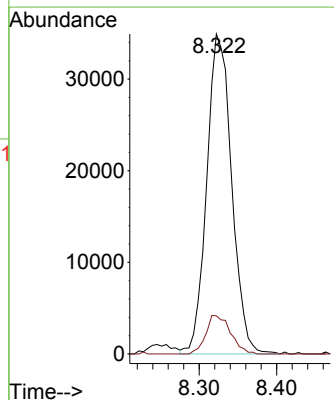
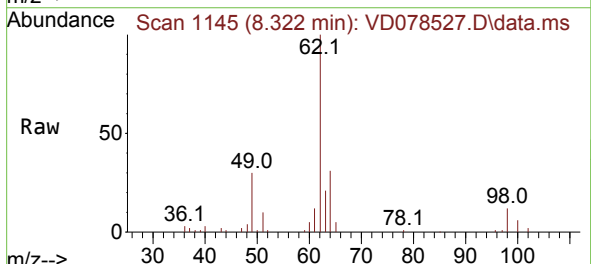
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

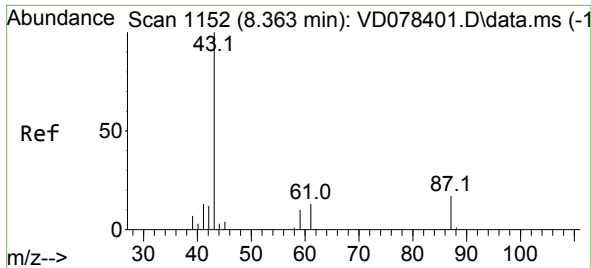
Tgt Ion: 41 Resp: 20285
Ion Ratio Lower Upper
41 100
39 53.1 34.0 51.0#
67 87.0 77.0 115.4
52 35.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 51.960 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 62 Resp: 78114
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4

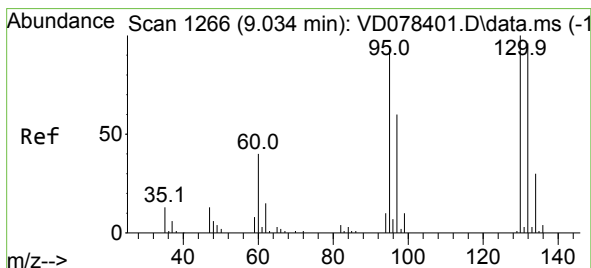
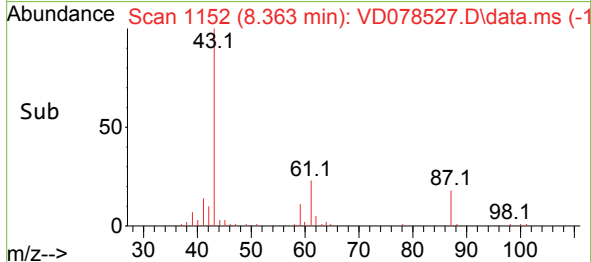
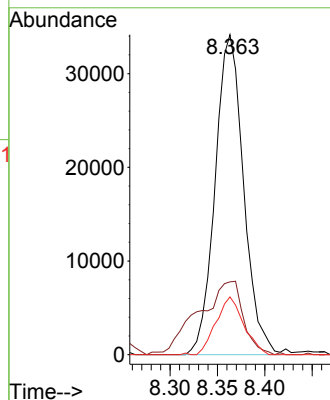
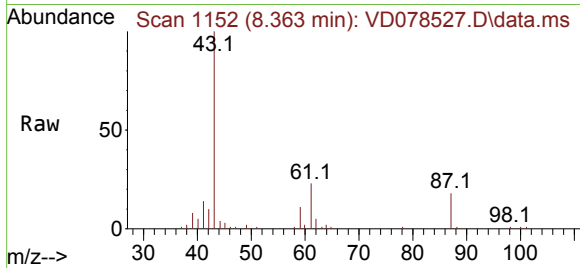




#43
Isopropyl Acetate
Concen: 54.707 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

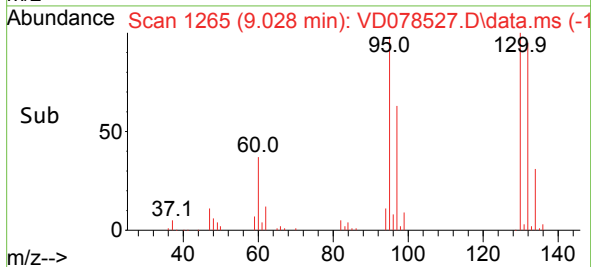
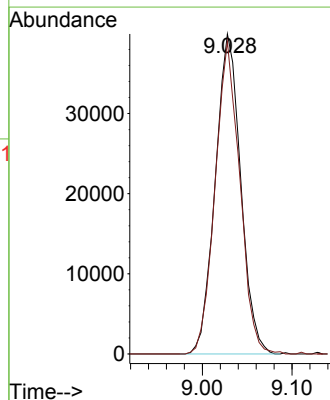
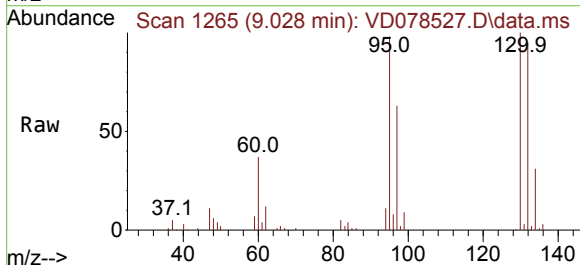
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

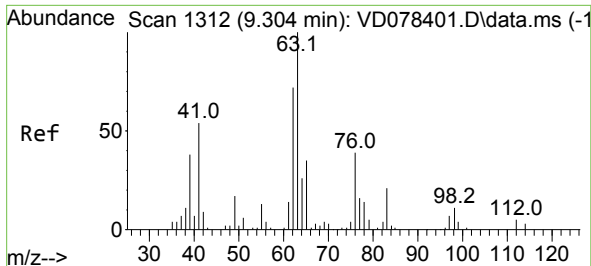
Tgt Ion: 43	Resp: 71381
Ion Ratio	Lower Upper
43	100
61	36.2 31.4 47.0
87	17.6 14.9 22.3



#44
Trichloroethene
Concen: 52.965 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 130	Resp: 78506
Ion Ratio	Lower Upper
130	100
95	97.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.100 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

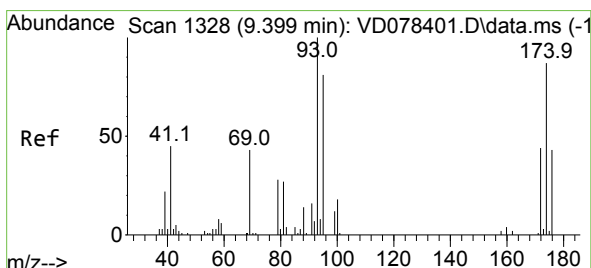
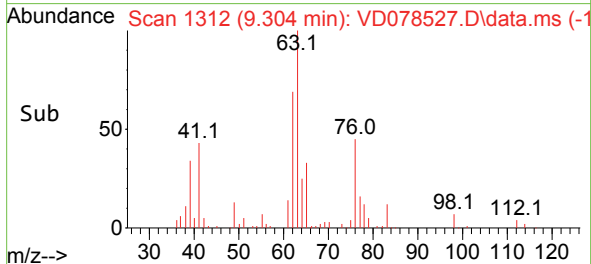
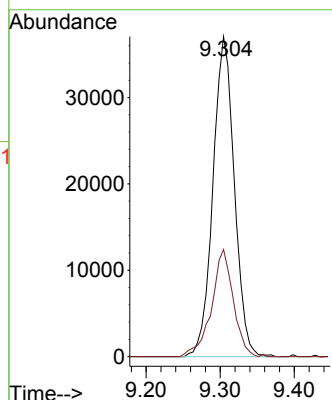
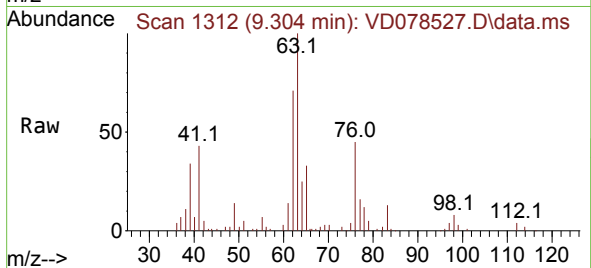
VSTDCCC050EC

Tgt Ion: 63 Resp: 74269

Ion Ratio Lower Upper

63 100

65 33.5 24.5 36.7



#46

Dibromomethane

Concen: 56.512 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

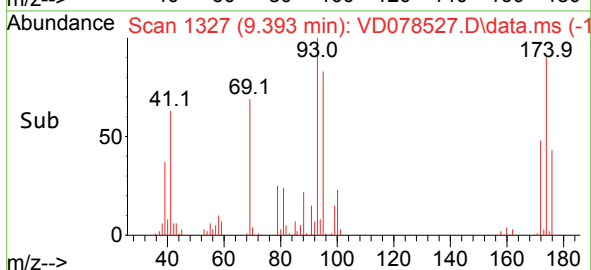
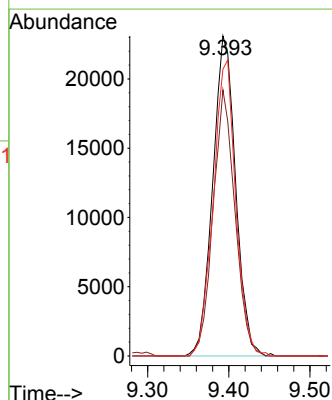
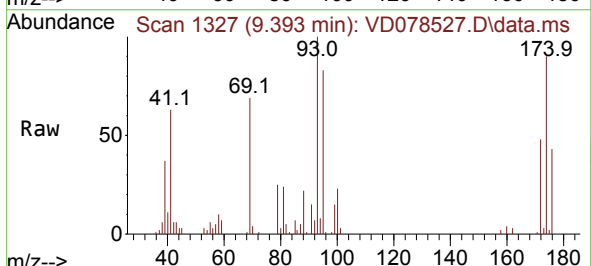
Tgt Ion: 93 Resp: 45312

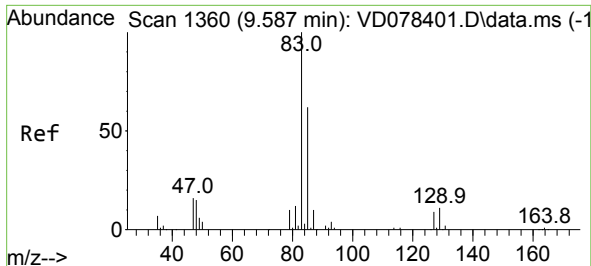
Ion Ratio Lower Upper

93 100

95 79.6 67.7 101.5

174 90.9 85.4 128.2

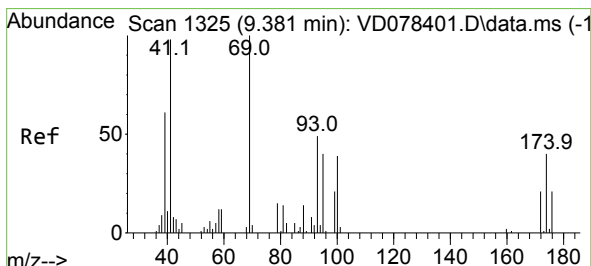
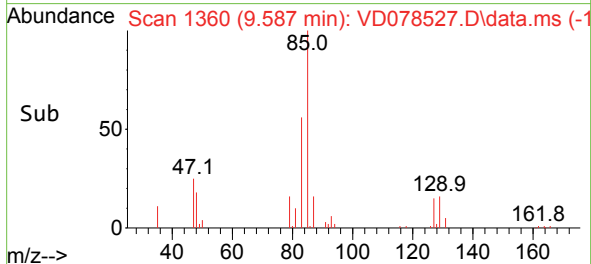
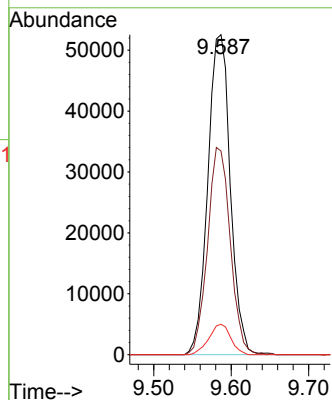
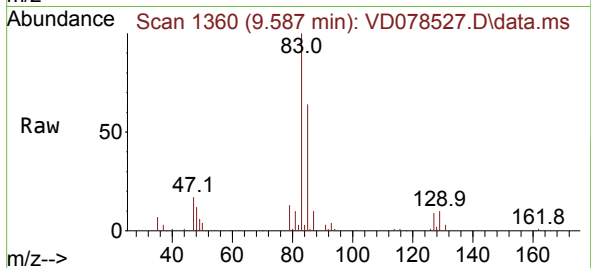




#47
Bromodichloromethane
Concen: 53.338 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

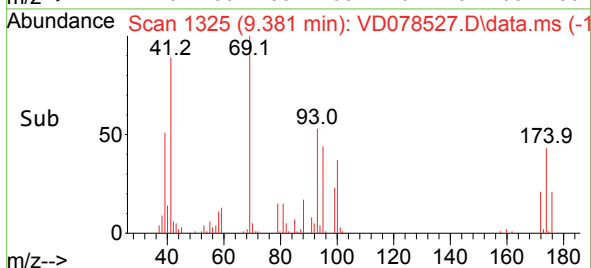
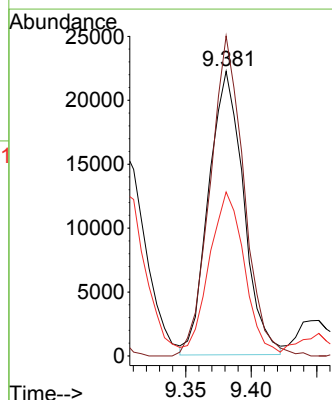
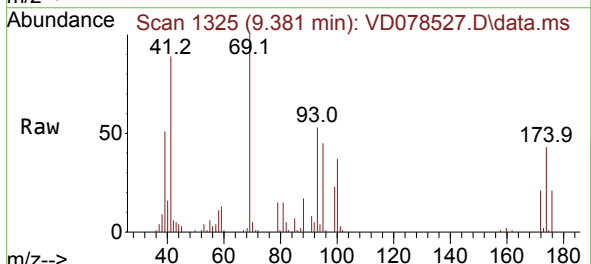
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

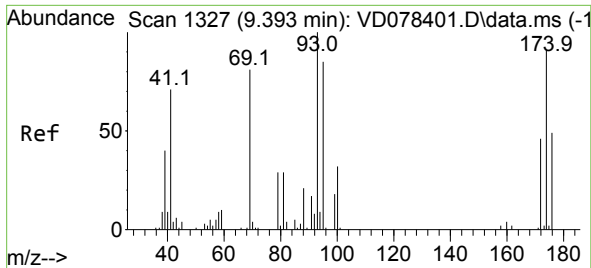
Tgt Ion: 83 Resp: 105928
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 59.352 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 41 Resp: 41086
Ion Ratio Lower Upper
41 100
69 109.4 102.2 153.2
39 55.2 41.4 62.2





#49

1,4-Dioxane

Concen: 1266.230 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

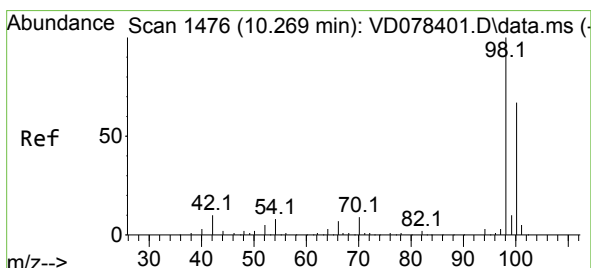
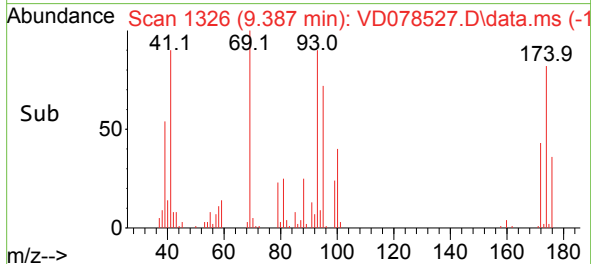
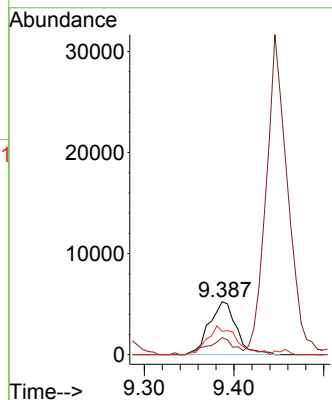
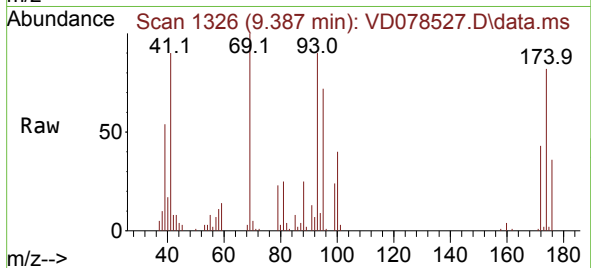
Tgt Ion: 88 Resp: 10995

Ion Ratio Lower Upper

88 100

43 30.2 19.0 28.6#

58 57.9 43.5 65.3



#50

Toluene-d8

Concen: 46.609 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078527.D

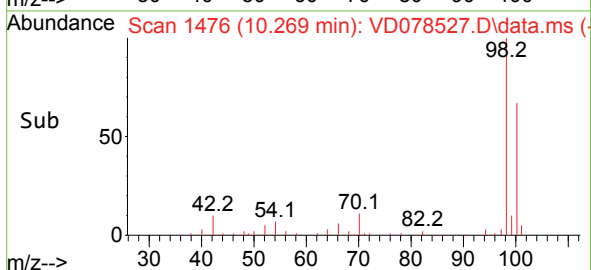
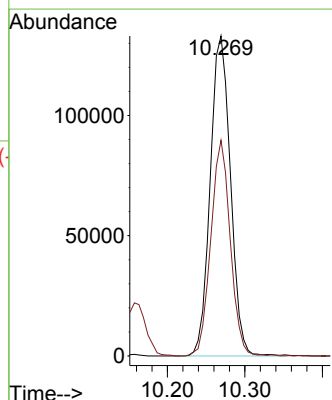
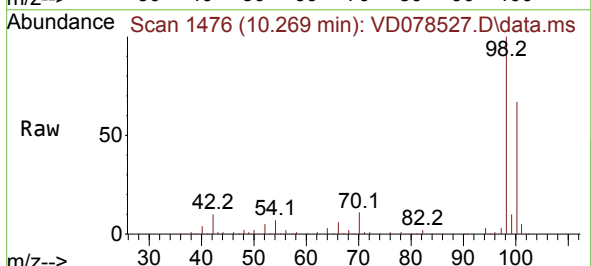
Acq: 22 Feb 2024 19:45

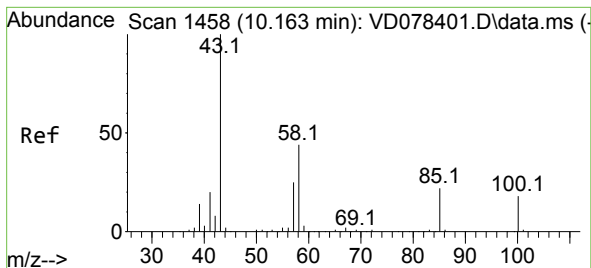
Tgt Ion: 98 Resp: 241251

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

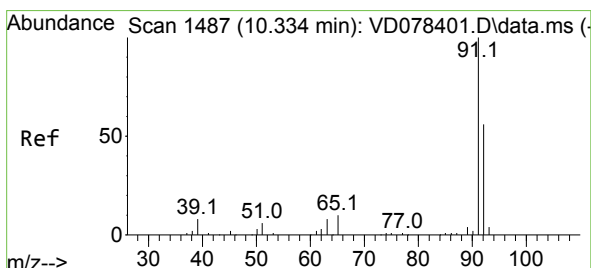
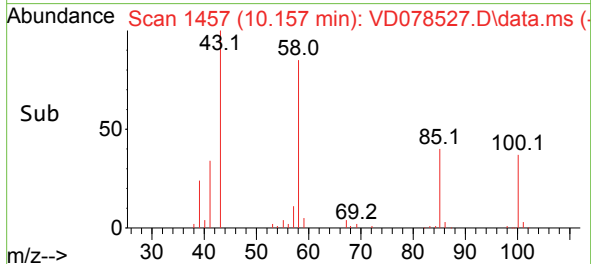
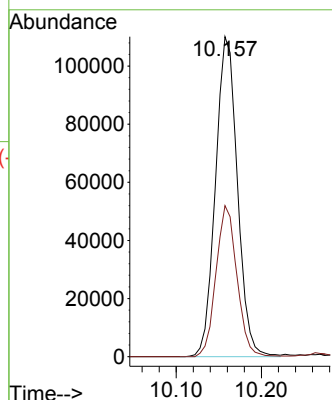
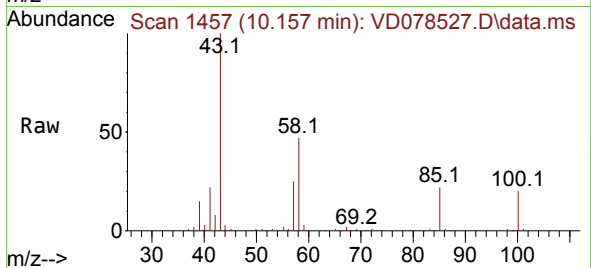




#51
4-Methyl-2-Pentanone
Concen: 284.512 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

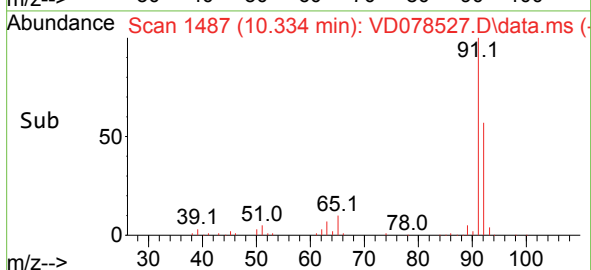
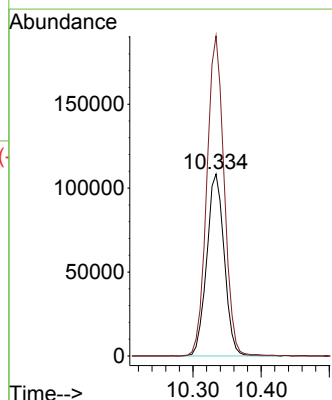
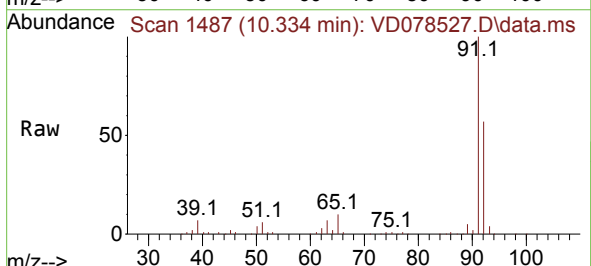
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

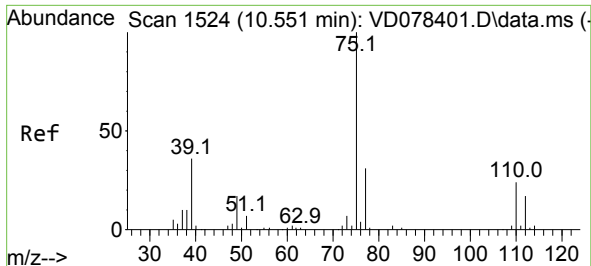
Tgt Ion: 43 Resp: 197029
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 52.710 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 92 Resp: 193664
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

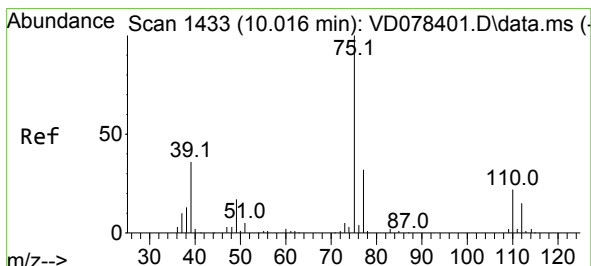
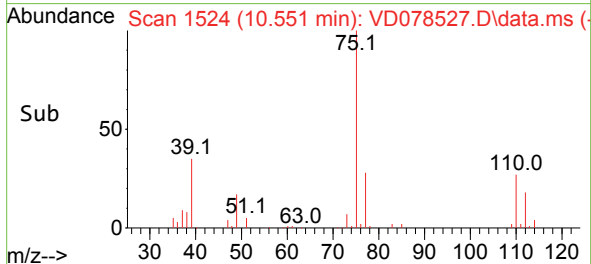
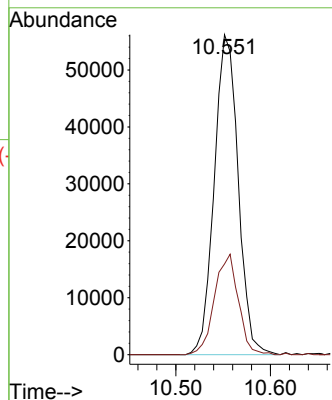
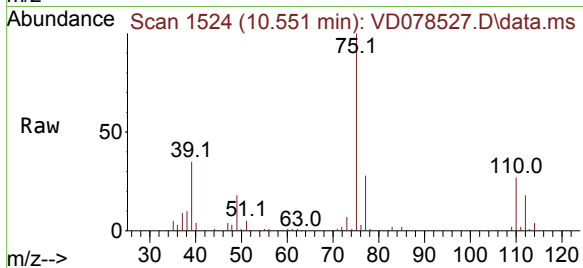




#53
 t-1,3-Dichloropropene
 Concen: 54.461 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

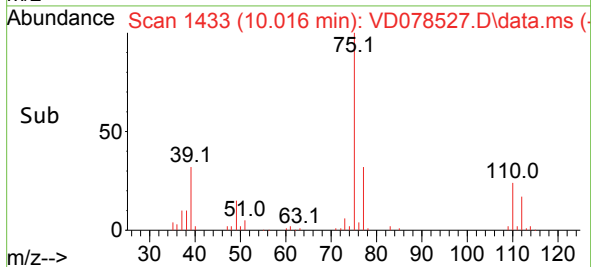
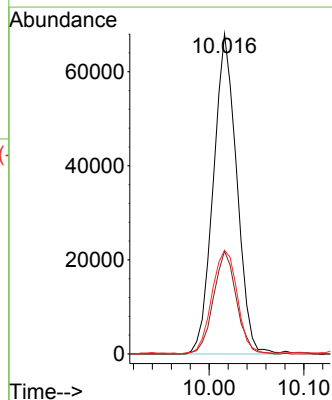
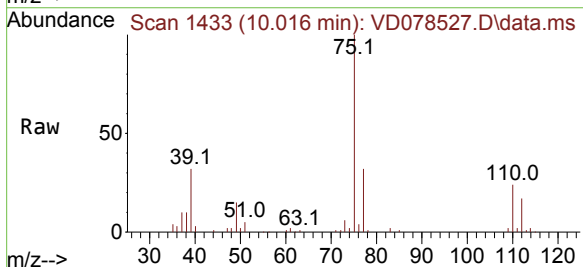
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

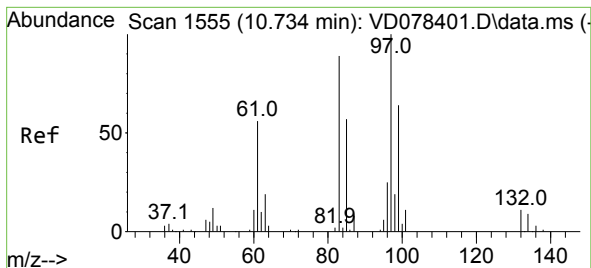
Tgt Ion: 75 Resp: 98690
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.097 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078527.D
 Acq: 22 Feb 2024 19:45

Tgt Ion: 75 Resp: 116673
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 32.4 22.1 33.1





#55

1,1,2-Trichloroethane

Concen: 57.282 ug/l

RT: 10.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 61852

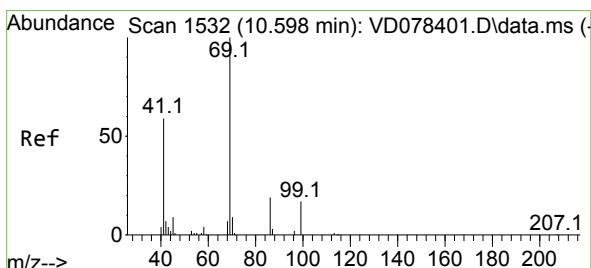
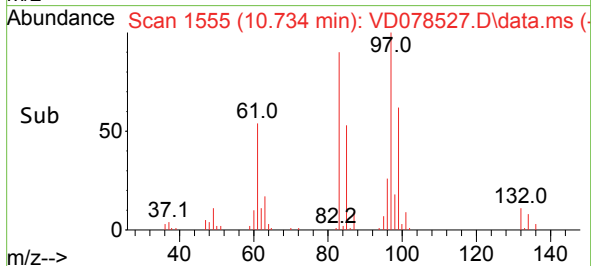
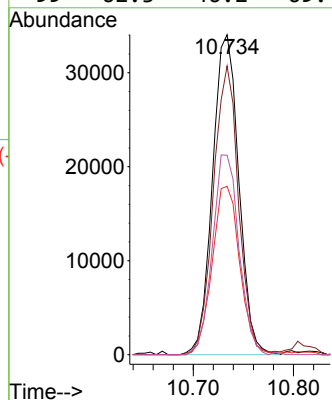
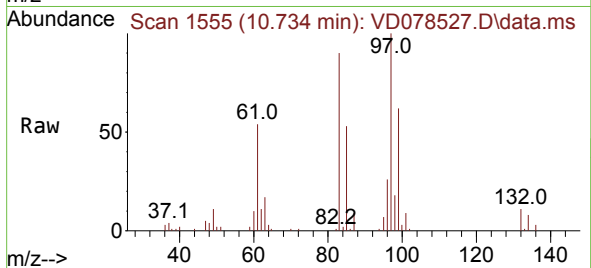
Ion Ratio Lower Upper

97 100

83 90.2 65.8 98.6

85 52.6 45.7 68.5

99 62.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 52.171 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

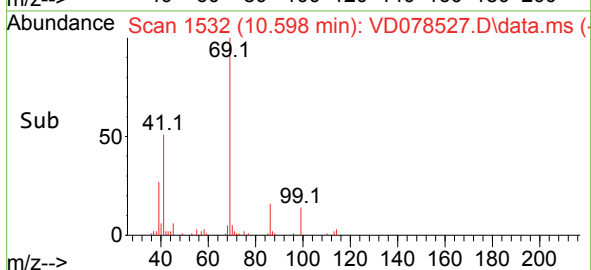
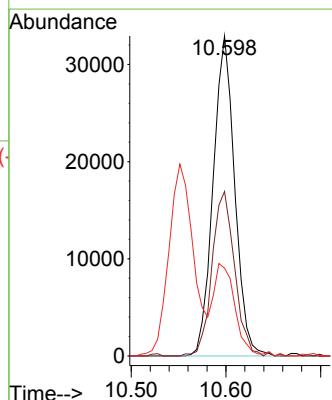
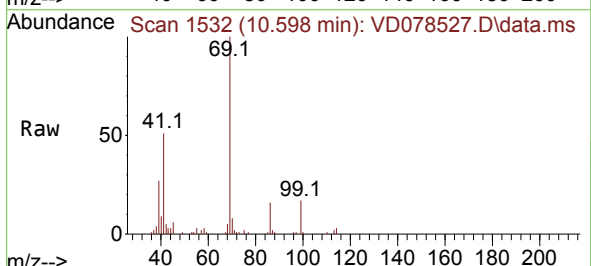
Tgt Ion: 69 Resp: 52101

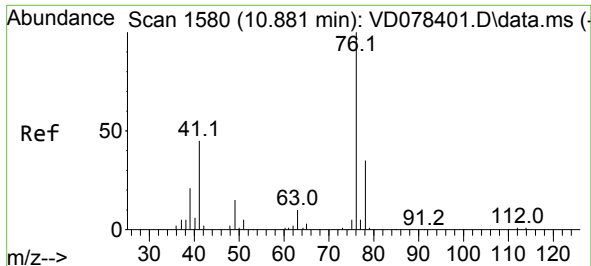
Ion Ratio Lower Upper

69 100

41 53.7 39.1 58.7

39 27.1 20.0 30.0

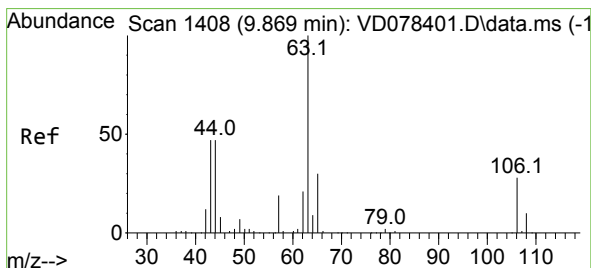
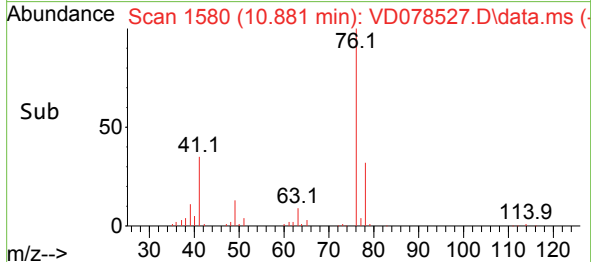
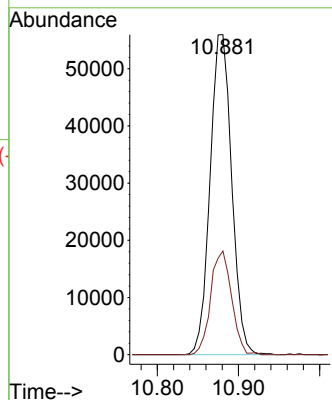
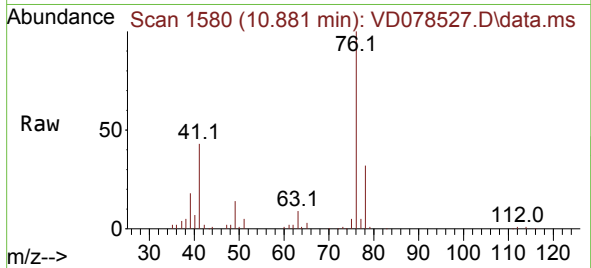




#57
1,3-Dichloropropane
Concen: 56.379 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

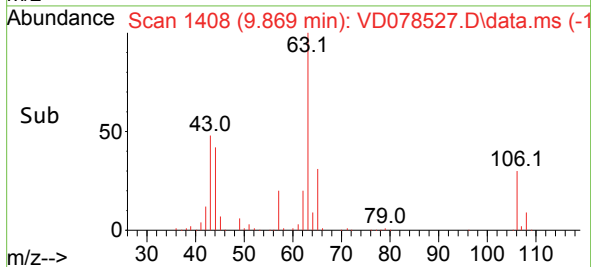
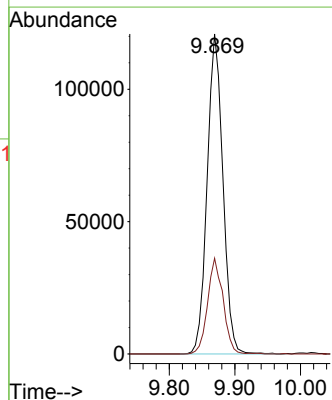
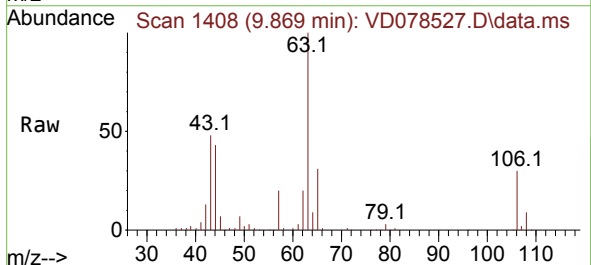
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

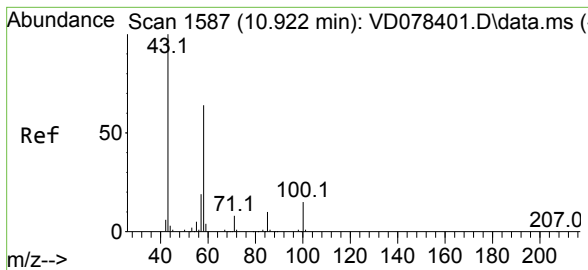
Tgt Ion: 76 Resp: 103556
Ion Ratio Lower Upper
76 100
78 31.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 343.807 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 63 Resp: 202243
Ion Ratio Lower Upper
63 100
106 29.5 25.3 37.9

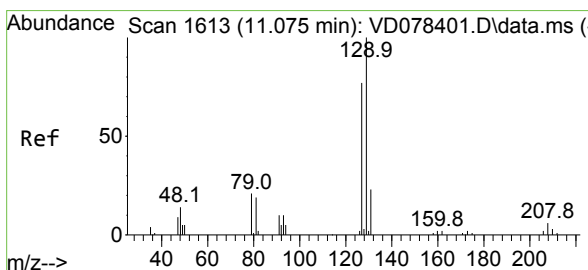
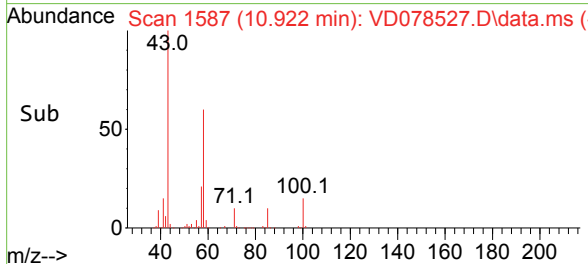
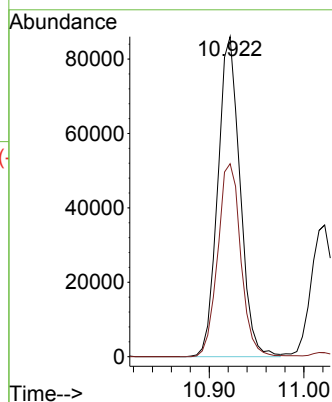
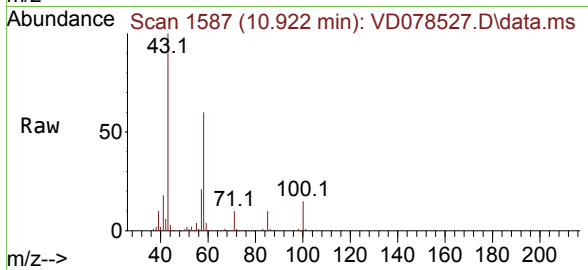




#59
2-Hexanone
Concen: 269.602 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

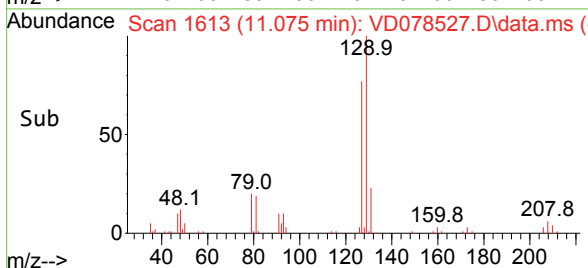
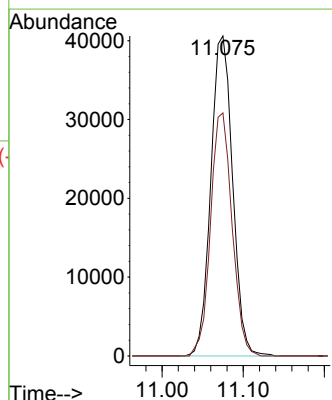
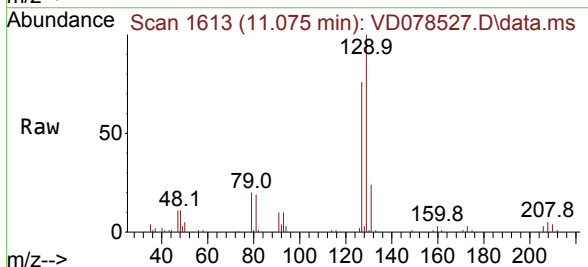
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

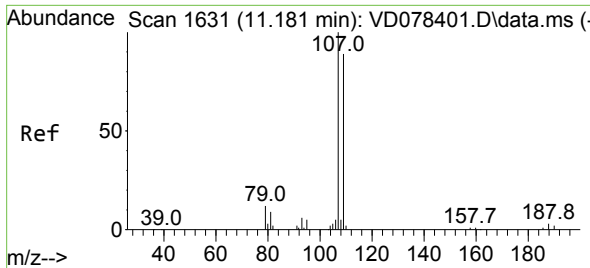
Tgt Ion: 43 Resp: 140310
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2



#60
Dibromochloromethane
Concen: 58.252 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 129 Resp: 75680
Ion Ratio Lower Upper
129 100
127 75.0 37.1 111.5

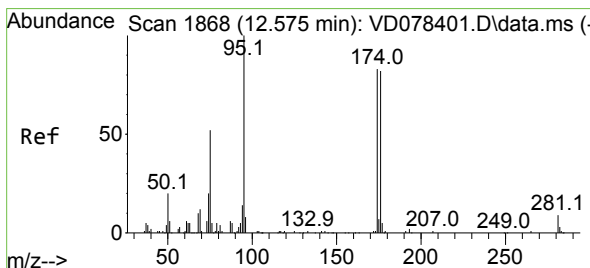
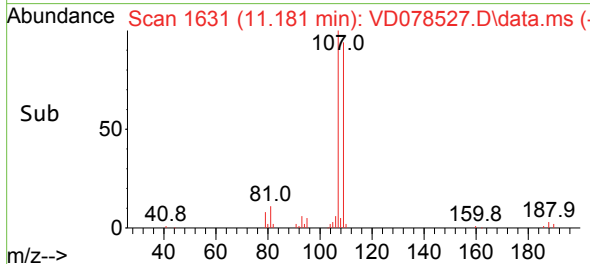
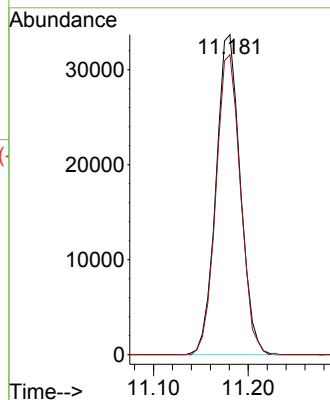
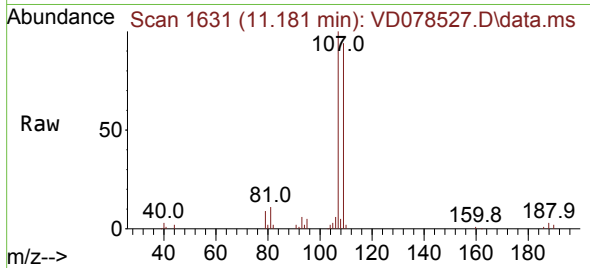




#61
1,2-Dibromoethane
Concen: 59.178 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

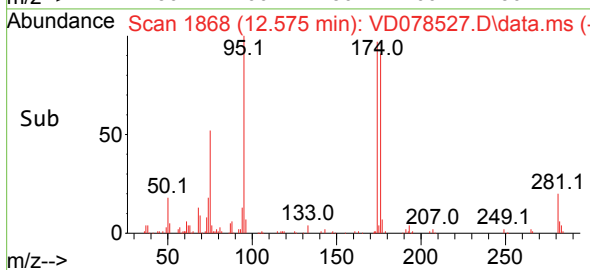
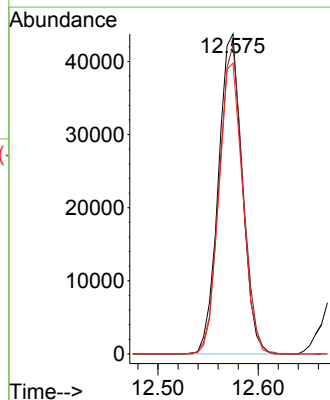
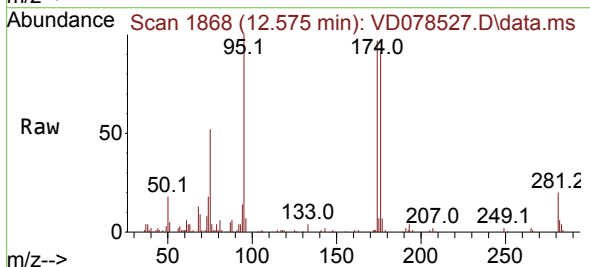
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

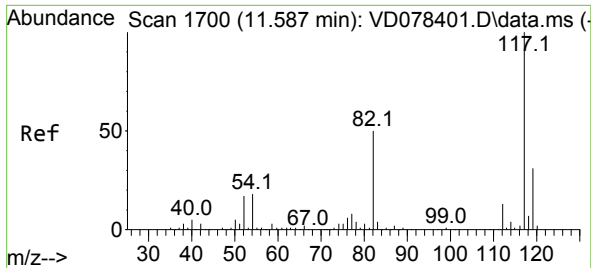
Tgt Ion:107 Resp: 59990
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.667 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 95 Resp: 71799
Ion Ratio Lower Upper
95 100
174 96.7 0.0 201.8
176 91.3 0.0 191.8

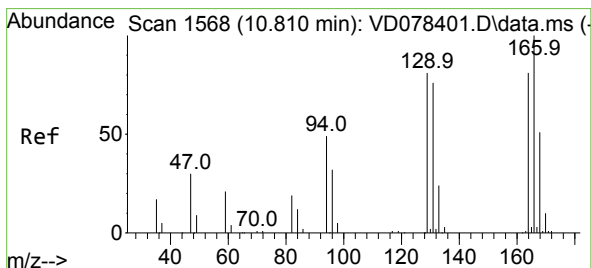
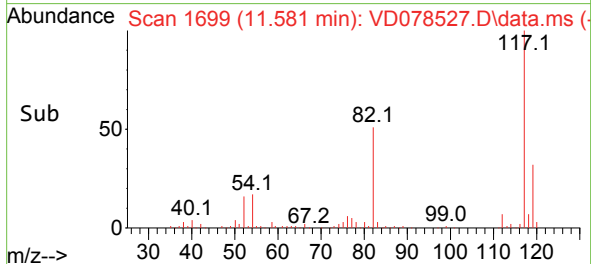
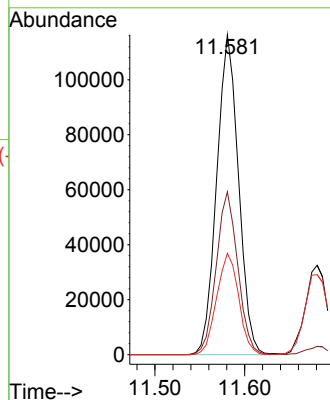
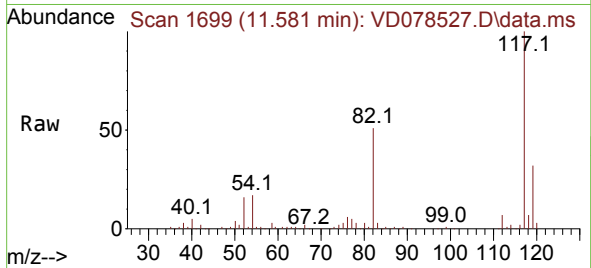




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

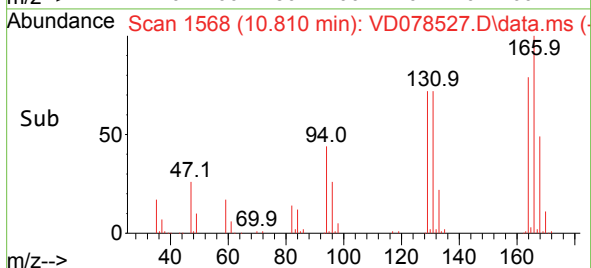
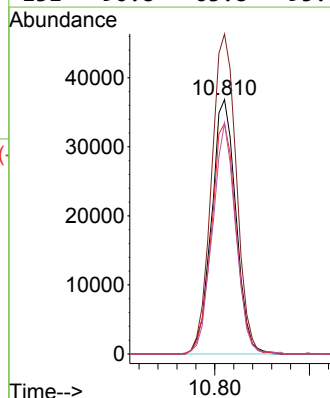
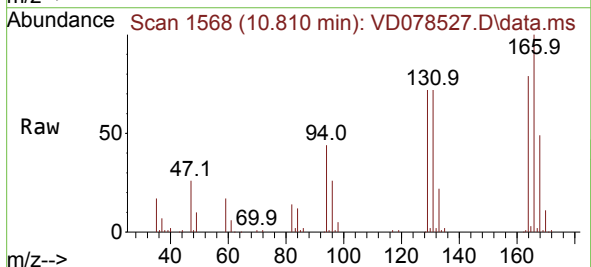
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

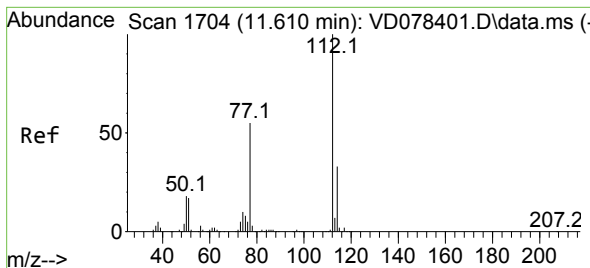
Tgt Ion:117 Resp: 196648
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 52.911 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:164 Resp: 65720
Ion Ratio Lower Upper
164 100
166 125.8 99.2 148.8
129 90.6 68.4 102.6
131 90.8 63.8 95.8

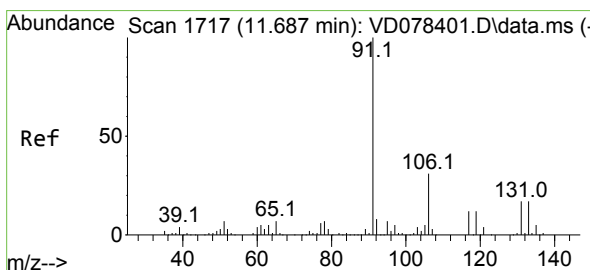
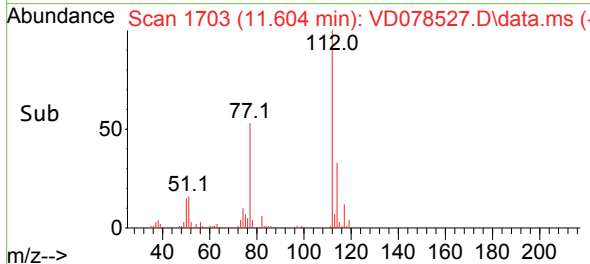
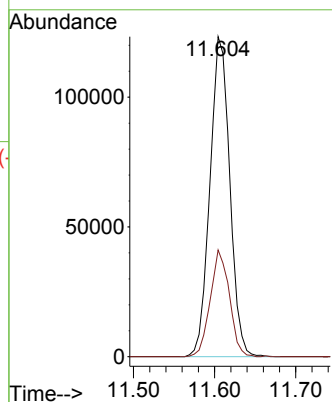
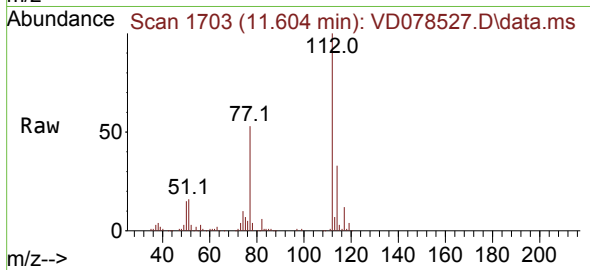




#65
Chlorobenzene
Concen: 52.943 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

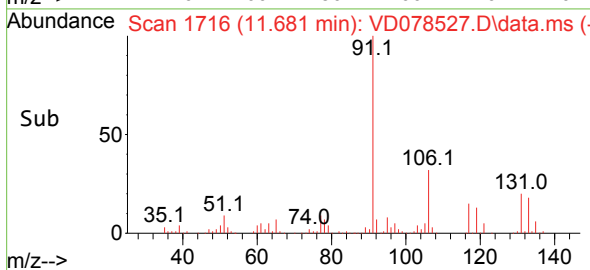
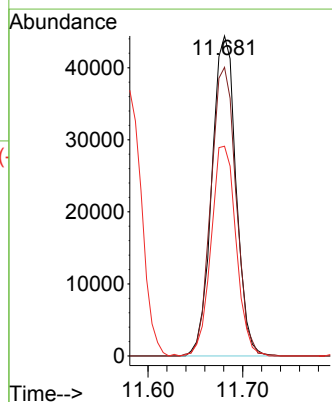
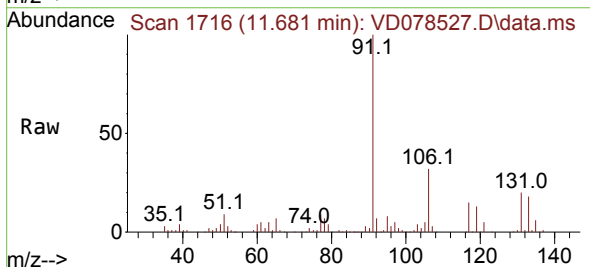
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

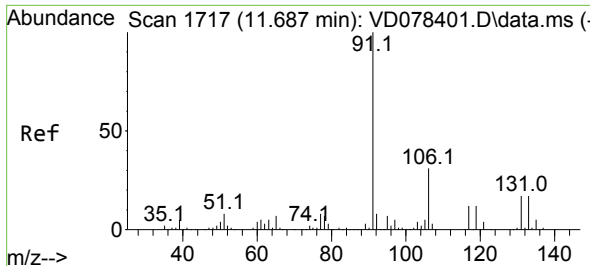
Tgt Ion:112 Resp: 209306
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.241 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:131 Resp: 78804
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.5
119 67.7 35.6 106.9

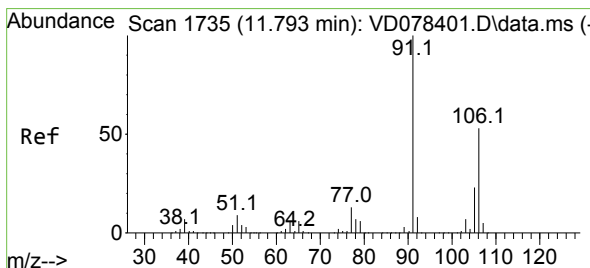
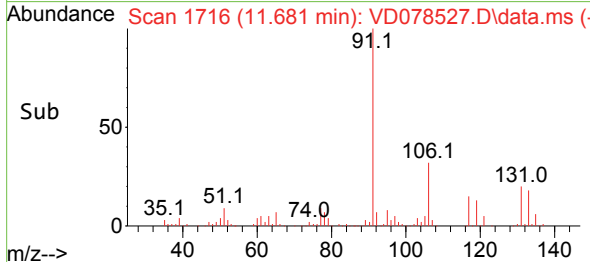
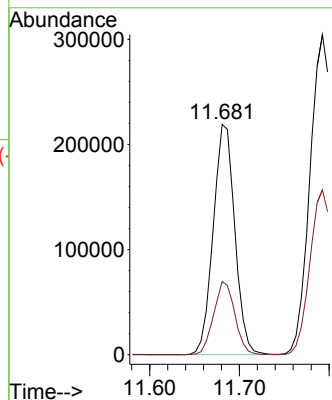
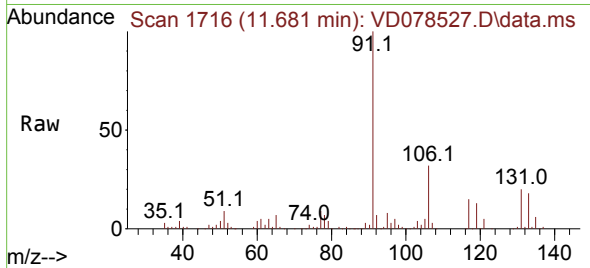




#67
Ethyl Benzene
Concen: 51.699 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

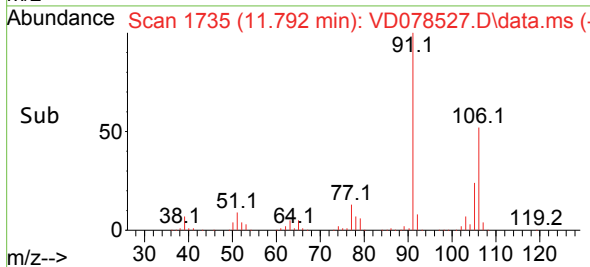
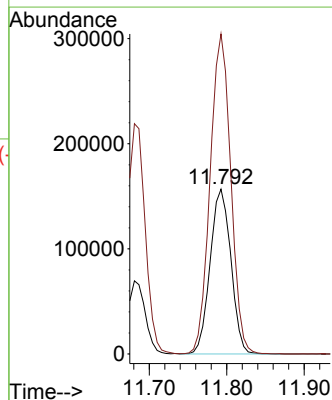
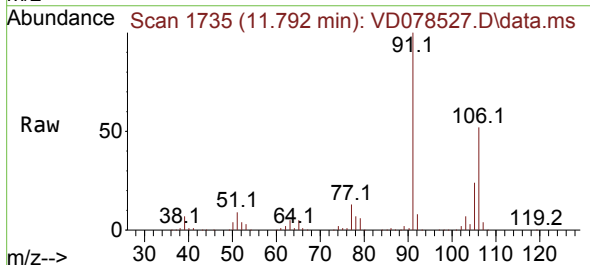
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

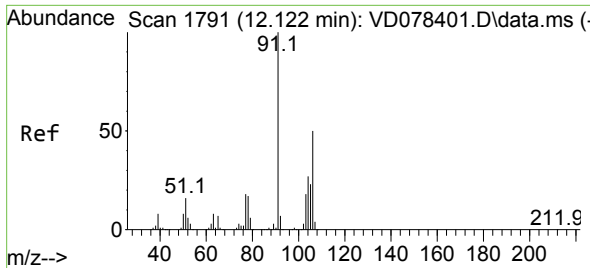
Tgt Ion: 91 Resp: 366210
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7



#68
m/p-Xylenes
Concen: 105.577 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:106 Resp: 291711
Ion Ratio Lower Upper
106 100
91 193.4 147.0 220.6

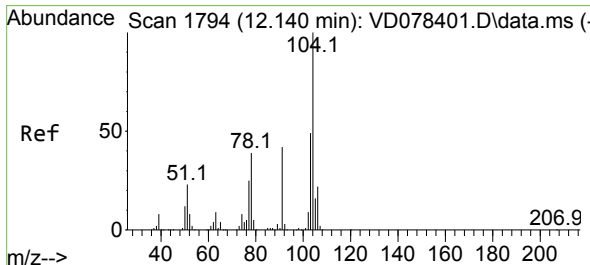
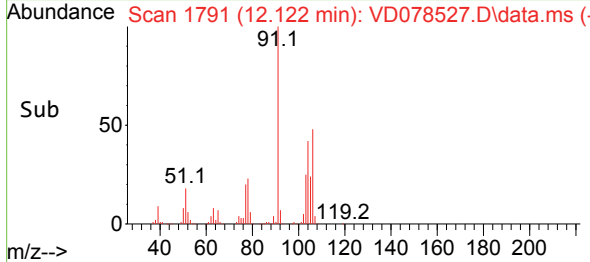
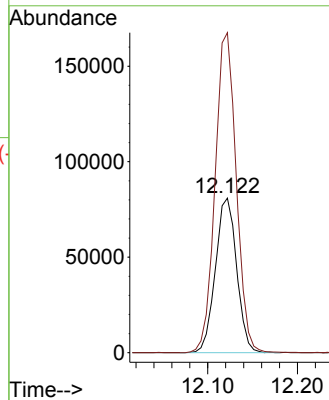
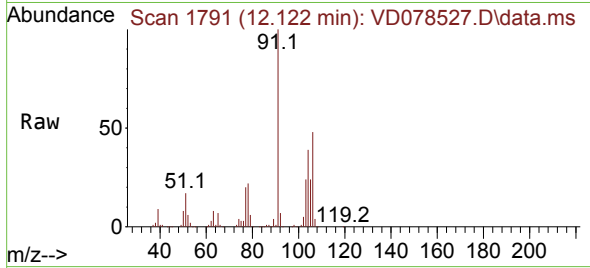




#69
o-Xylene
Concen: 52.735 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

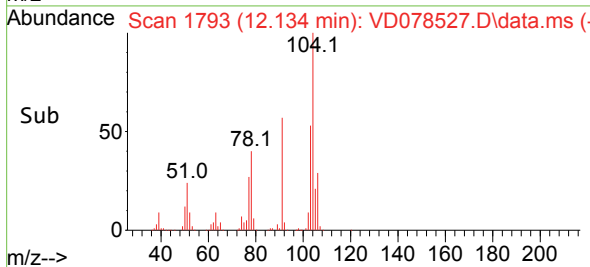
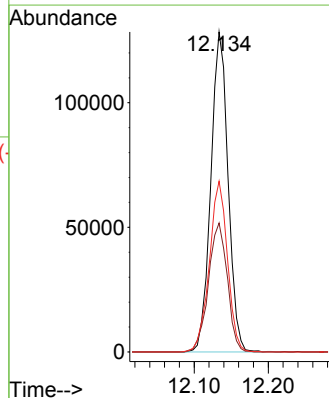
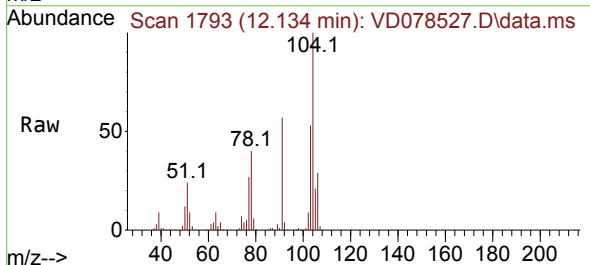
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

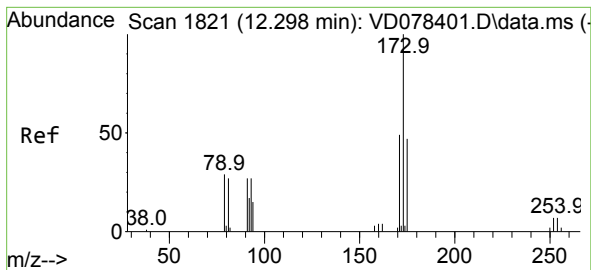
Tgt Ion:106 Resp: 132969
Ion Ratio Lower Upper
106 100
91 206.2 97.9 293.6



#70
Styrene
Concen: 50.434 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:104 Resp: 207541
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 56.0 43.6 65.4





#71

Bromoform

Concen: 58.643 ug/l

RT: 12.298 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

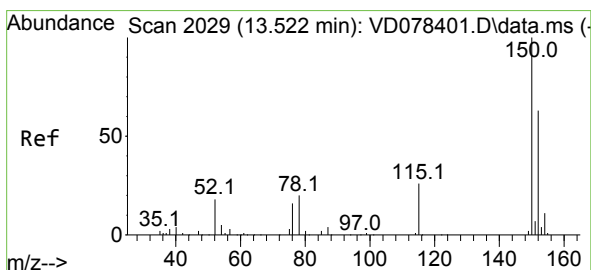
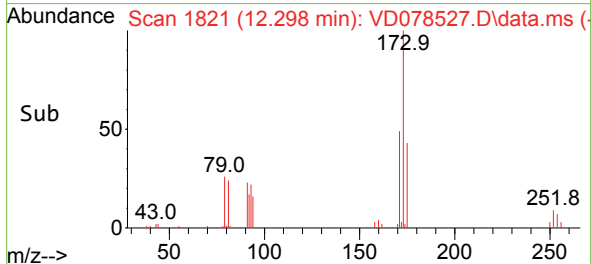
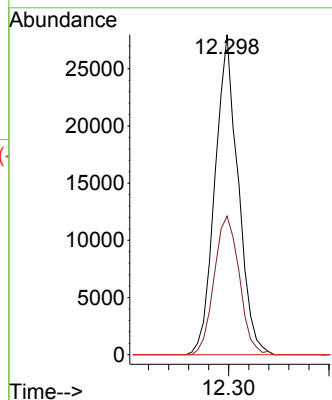
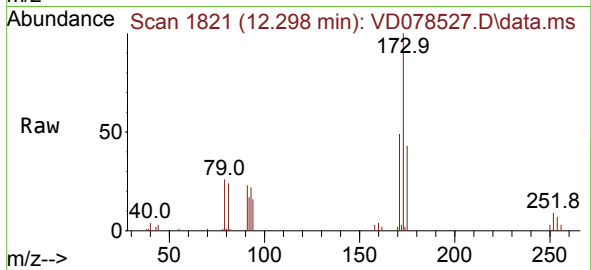
Tgt Ion:173 Resp: 44844

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

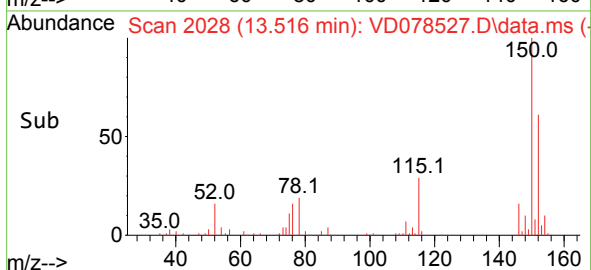
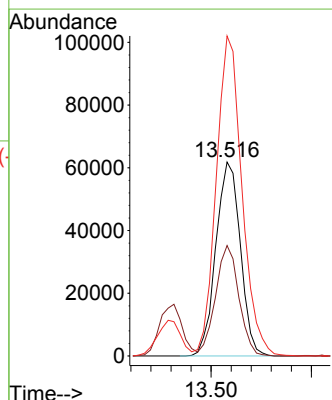
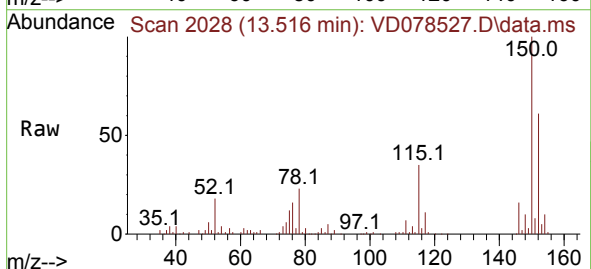
Tgt Ion:152 Resp: 104781

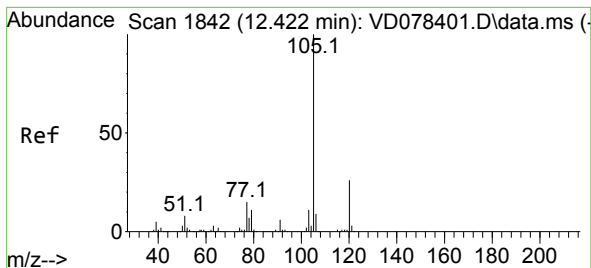
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.3

150 173.6 0.0 353.6





#73

Isopropylbenzene

Concen: 50.135 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

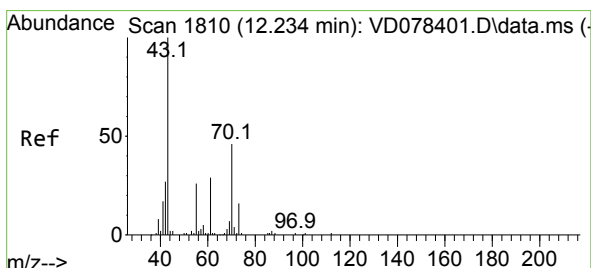
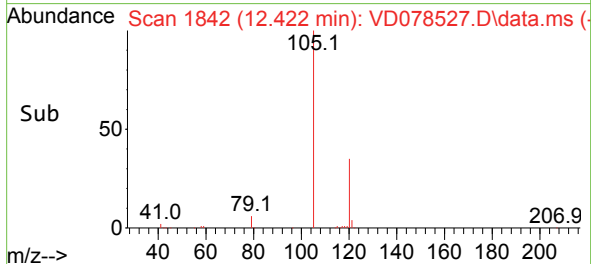
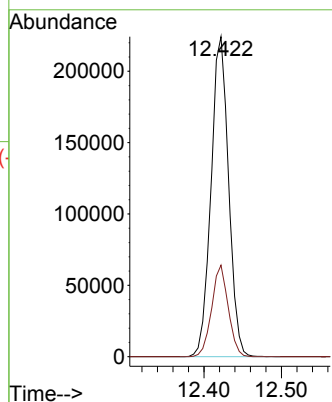
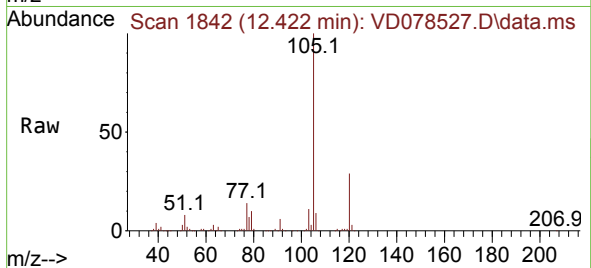
VSTDCCC050EC

Tgt Ion:105 Resp: 352748

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 48.281 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Tgt Ion: 43 Resp: 64266

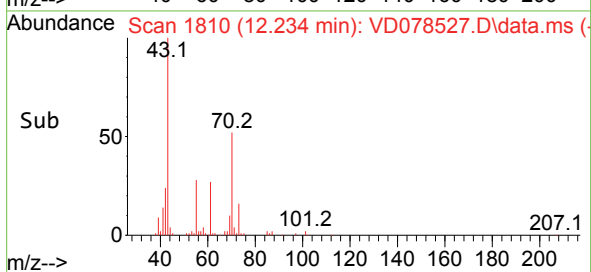
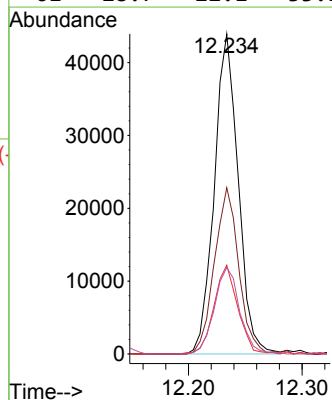
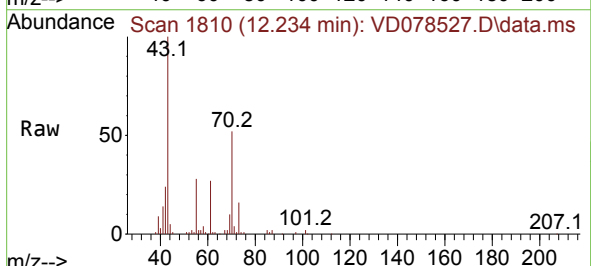
Ion Ratio Lower Upper

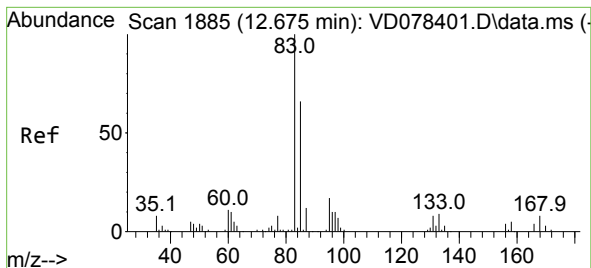
43 100

70 52.9 45.0 67.4

55 27.7 23.8 35.6

61 28.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.300 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

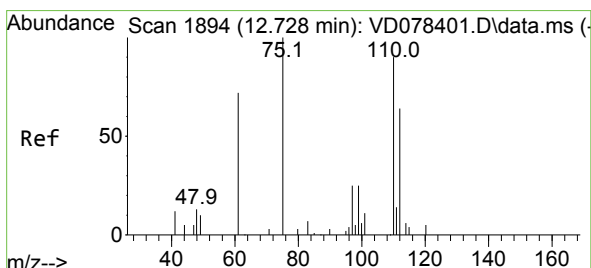
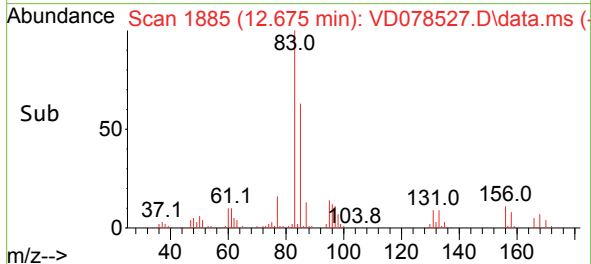
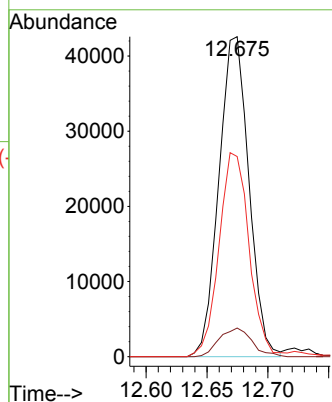
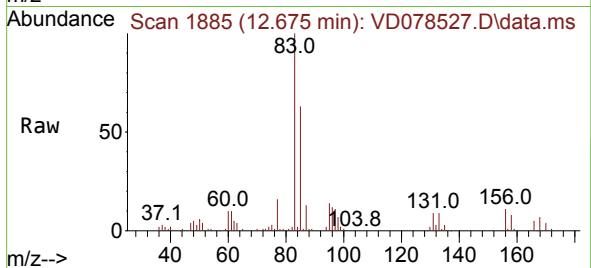
Tgt Ion: 83 Resp: 72995

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 64.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 95.424 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078527.D

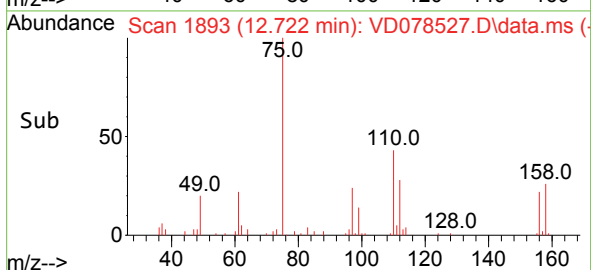
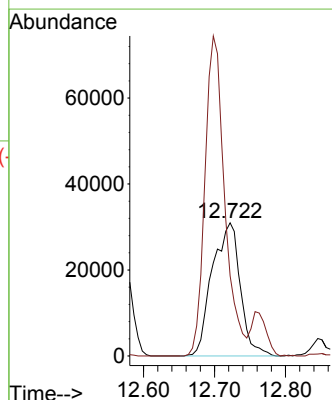
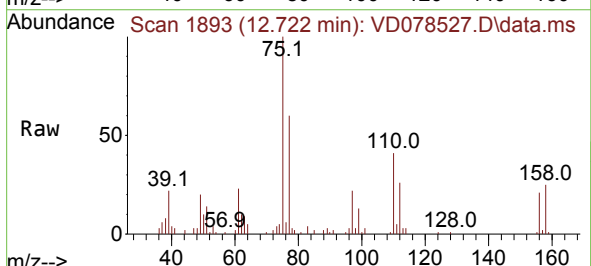
Acq: 22 Feb 2024 19:45

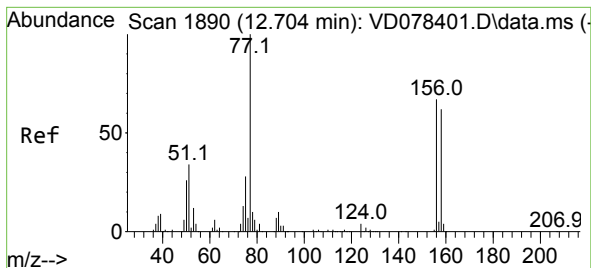
Tgt Ion: 75 Resp: 84885

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.657 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

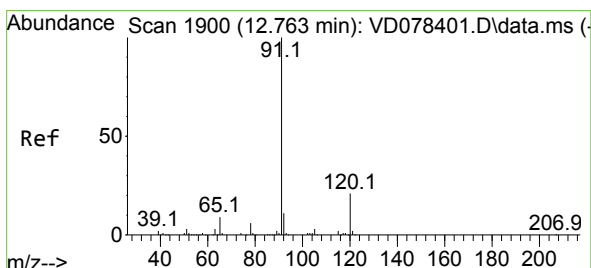
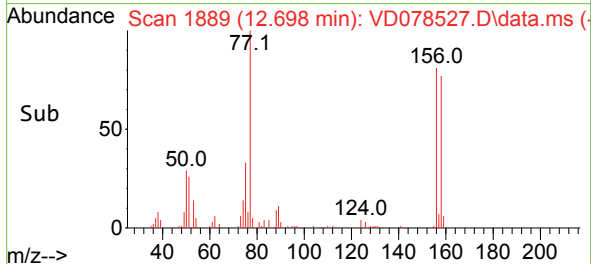
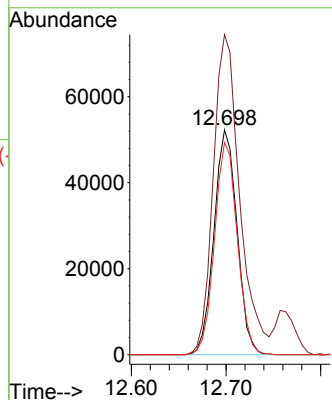
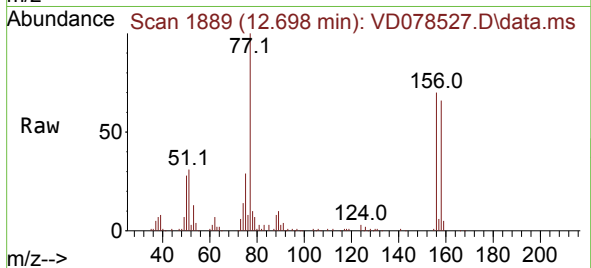
Tgt Ion:156 Resp: 88724

Ion Ratio Lower Upper

156 100

77 163.2 76.8 230.4

158 93.4 48.6 145.9



#78

n-propylbenzene

Concen: 48.295 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078527.D

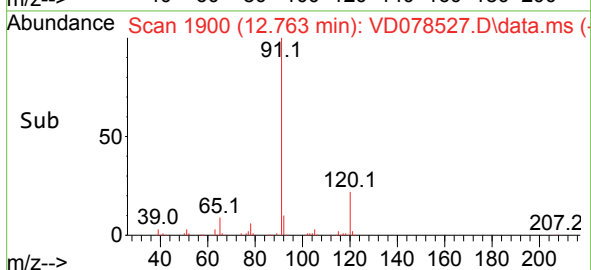
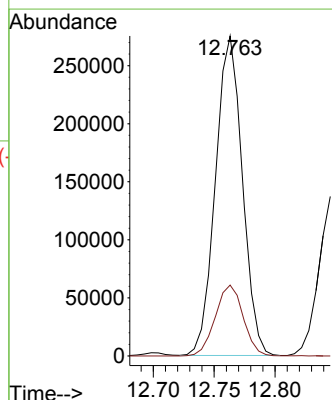
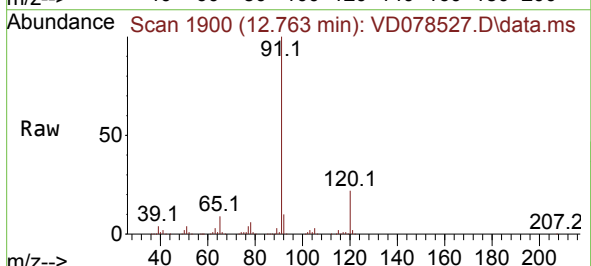
Acq: 22 Feb 2024 19:45

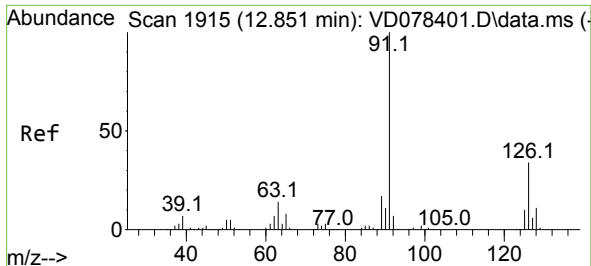
Tgt Ion: 91 Resp: 423460

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

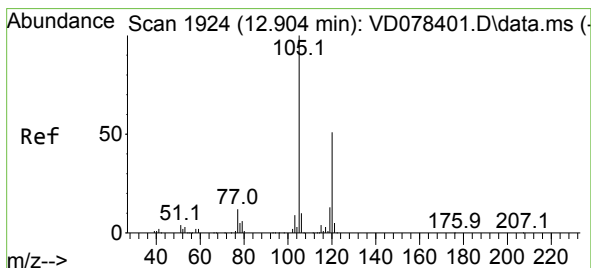
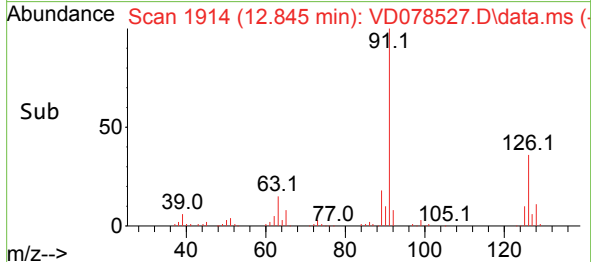
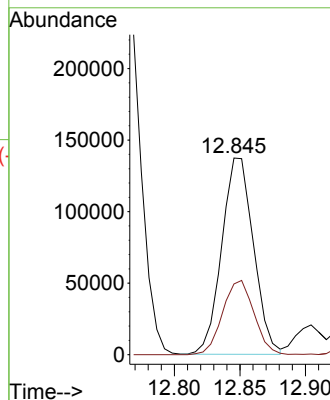
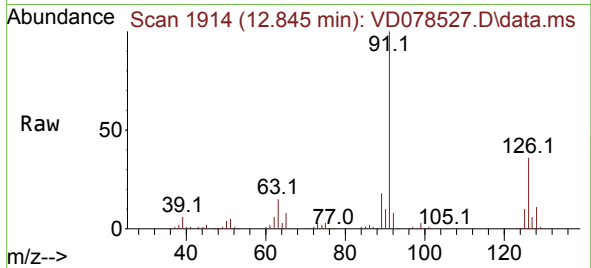




#79
2-Chlorotoluene
Concen: 49.298 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

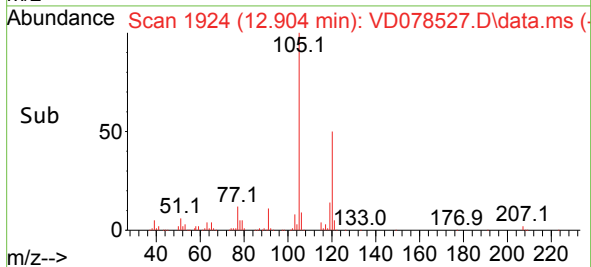
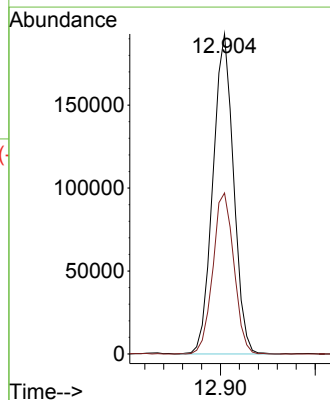
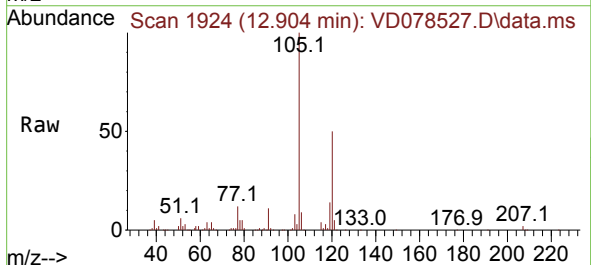
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

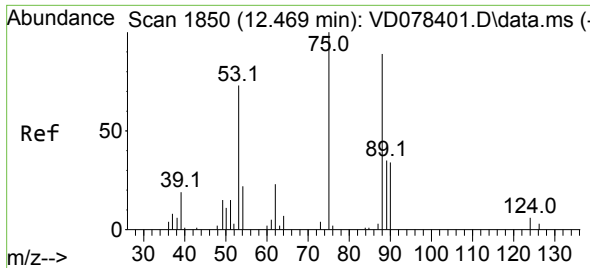
Tgt Ion: 91 Resp: 231516
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 49.976 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 105 Resp: 291977
Ion Ratio Lower Upper
105 100
120 51.2 26.4 79.2

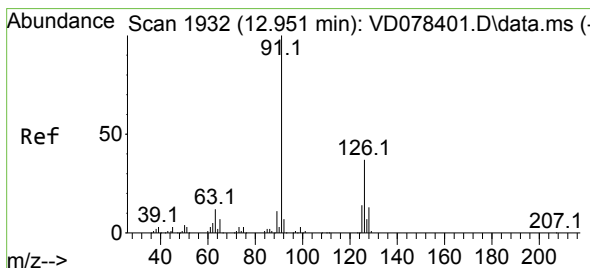
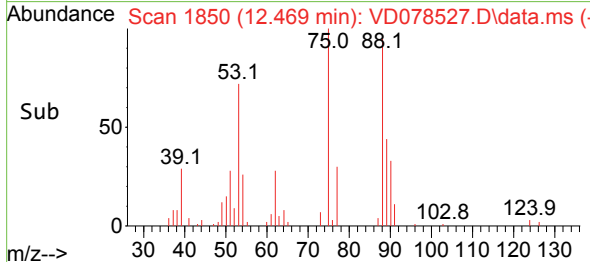
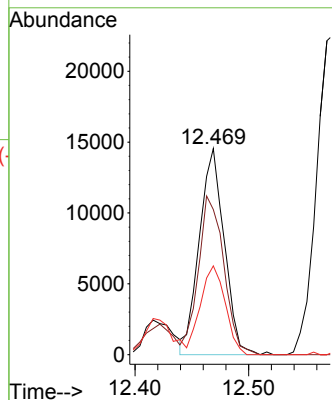
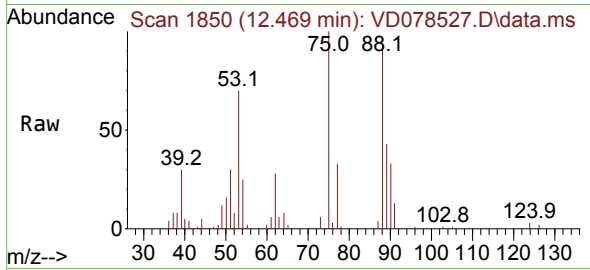




#81
trans-1,4-Dichloro-2-butene
Concen: 51.838 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

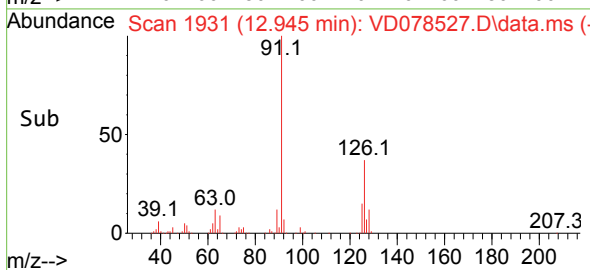
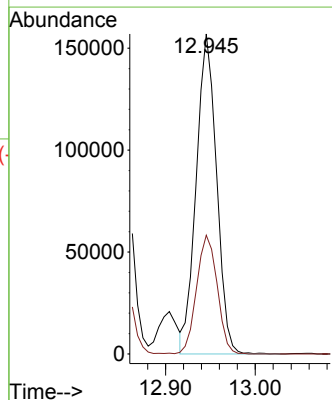
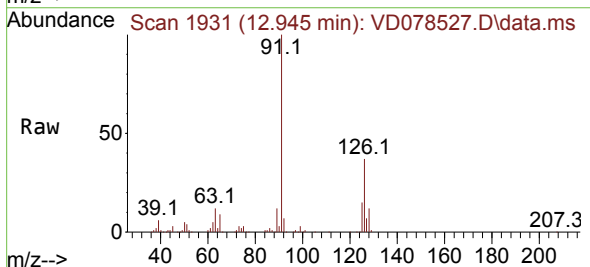
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

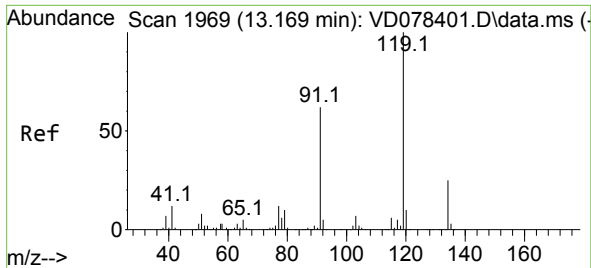
Tgt Ion: 75 Resp: 22212
Ion Ratio Lower Upper
75 100
53 79.0 63.0 94.4
89 42.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.983 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion: 91 Resp: 247059
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.4

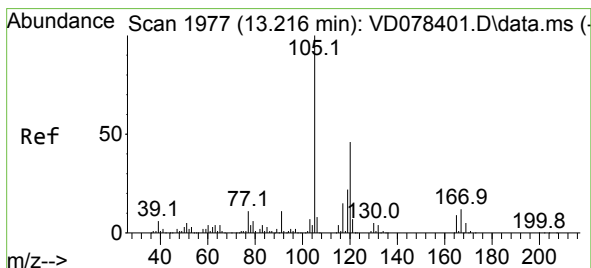
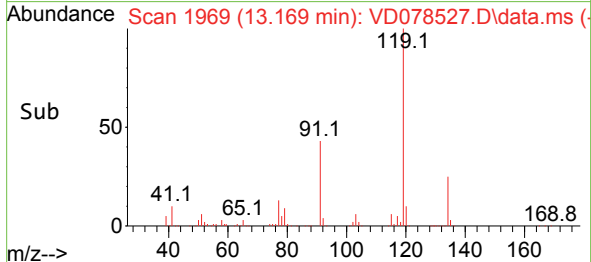
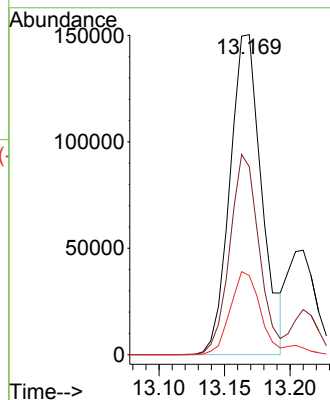
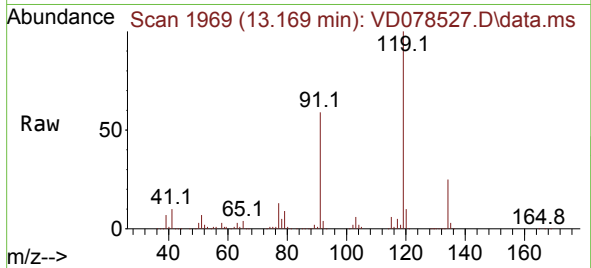




#83
tert-Butylbenzene
Concen: 51.579 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

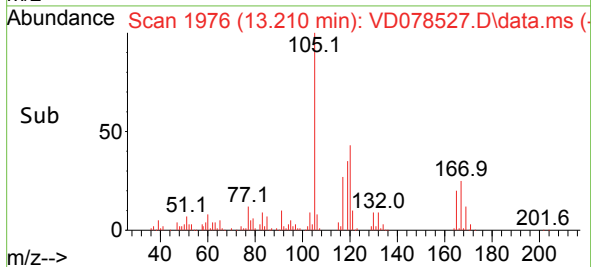
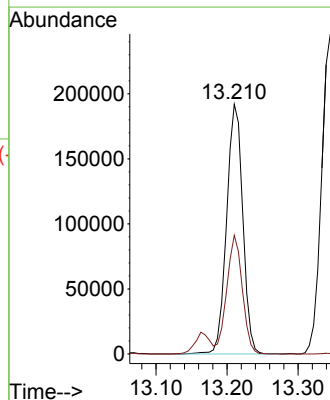
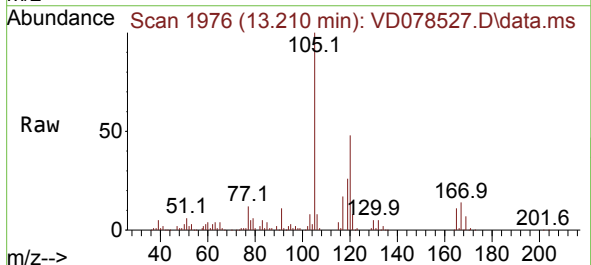
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

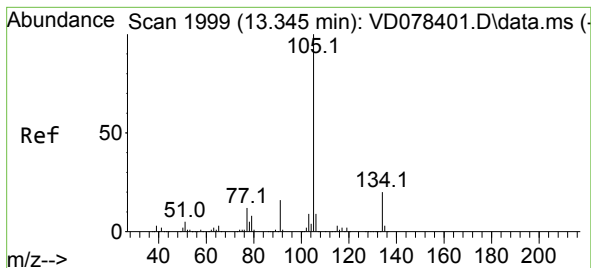
Tgt Ion:119 Resp: 254142
Ion Ratio Lower Upper
119 100
91 57.8 29.3 87.8
134 26.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.032 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:105 Resp: 302589
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 48.731 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

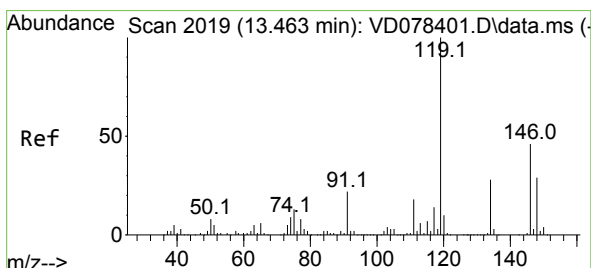
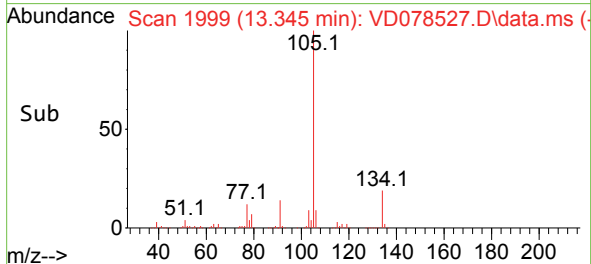
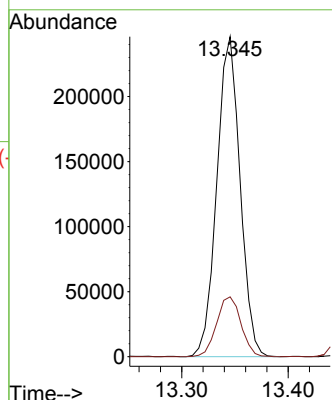
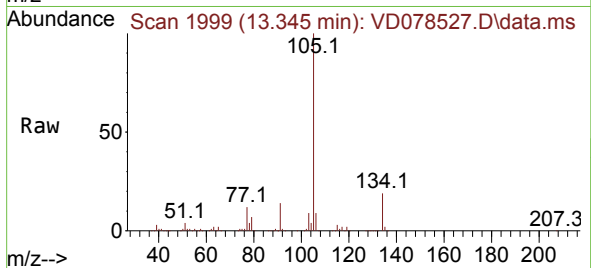
VSTDCCC050EC

Tgt Ion:105 Resp: 372368

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 51.195 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

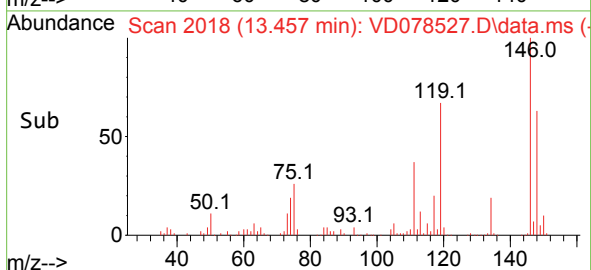
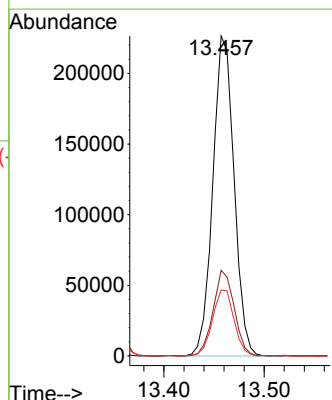
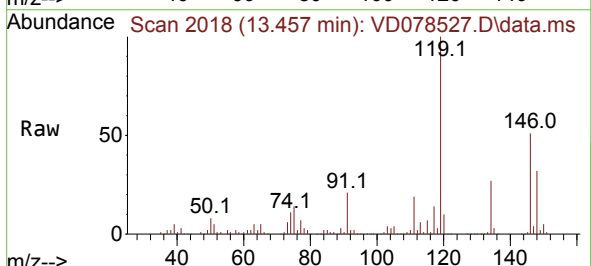
Tgt Ion:119 Resp: 333204

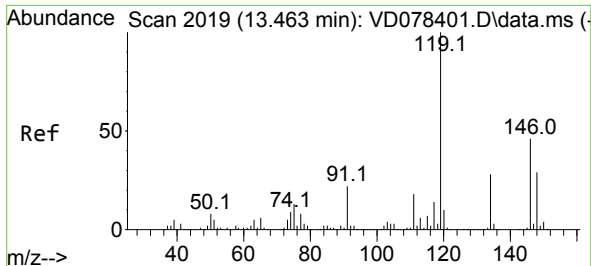
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 50.880 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

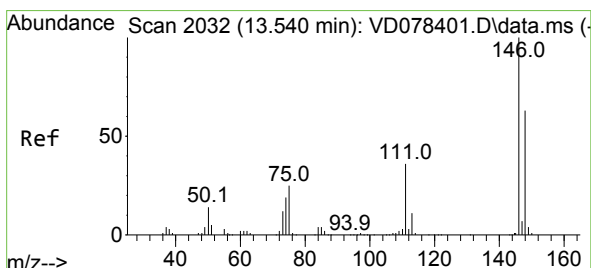
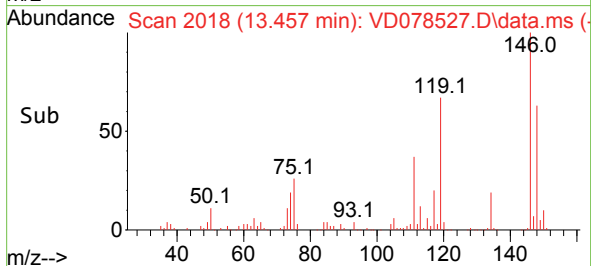
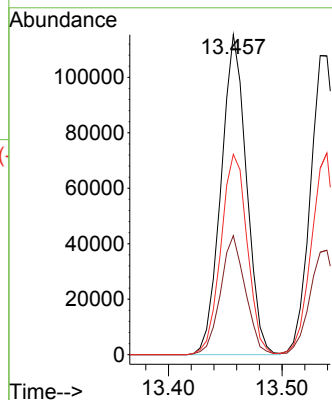
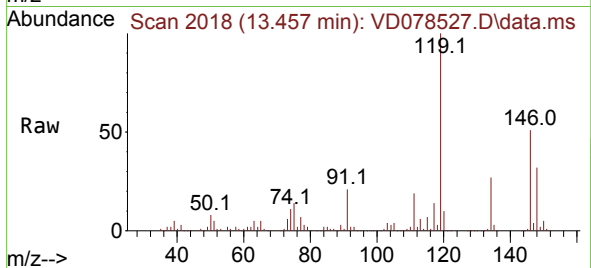
Tgt Ion:146 Resp: 179565

Ion Ratio Lower Upper

146 100

111 36.3 17.9 53.8

148 64.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 51.669 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

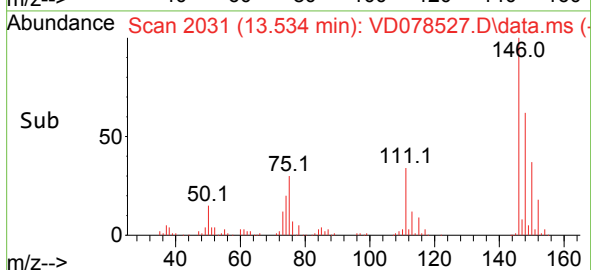
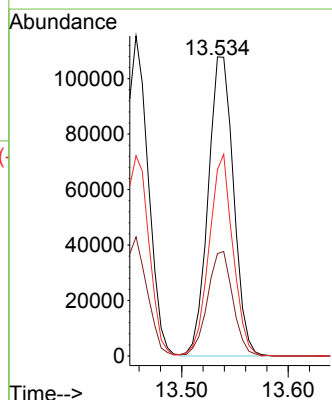
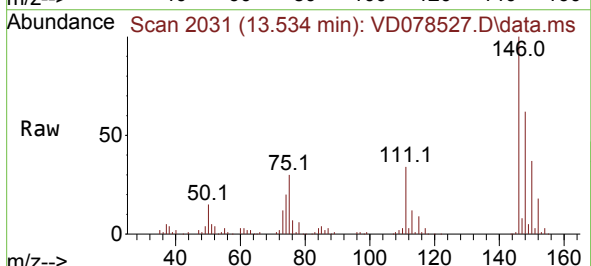
Tgt Ion:146 Resp: 179172

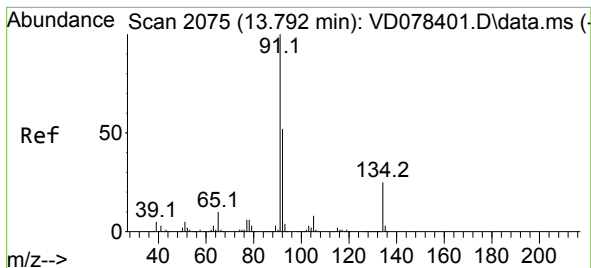
Ion Ratio Lower Upper

146 100

111 35.0 17.4 52.3

148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 49.537 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

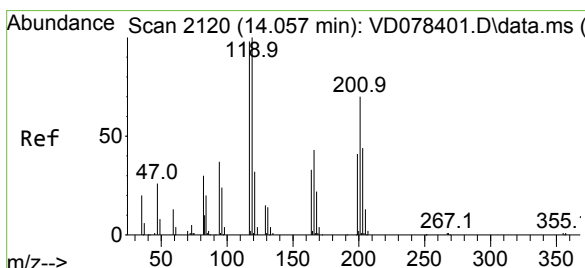
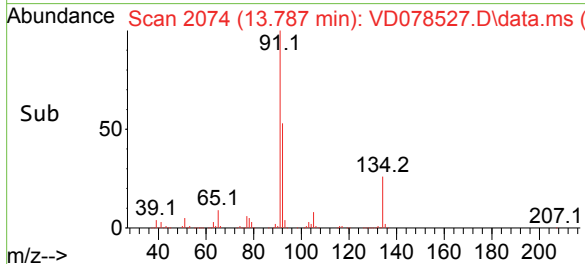
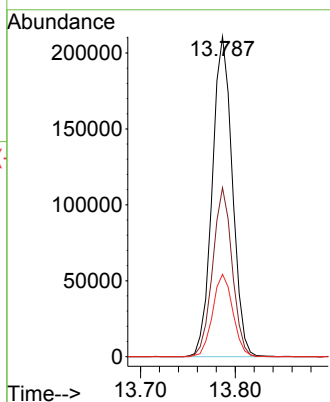
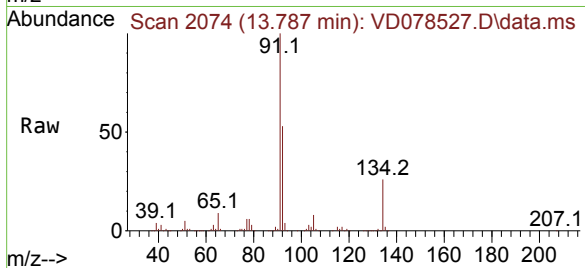
Tgt Ion: 91 Resp: 310762

Ion Ratio Lower Upper

91 100

92 51.2 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 48.829 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078527.D

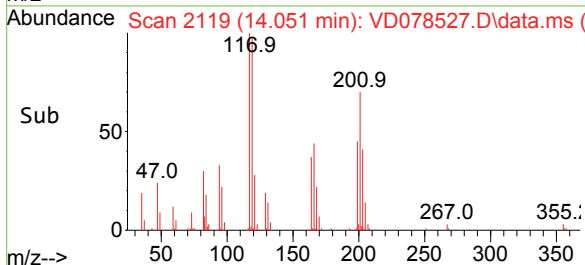
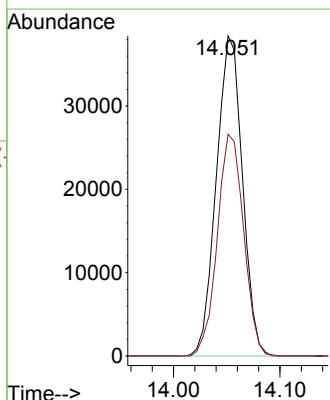
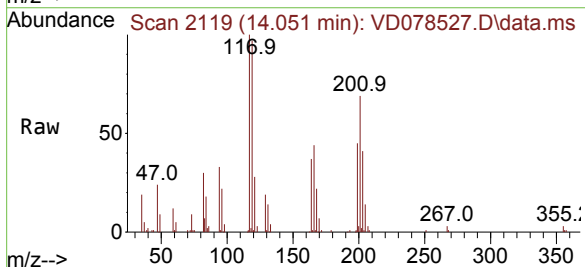
Acq: 22 Feb 2024 19:45

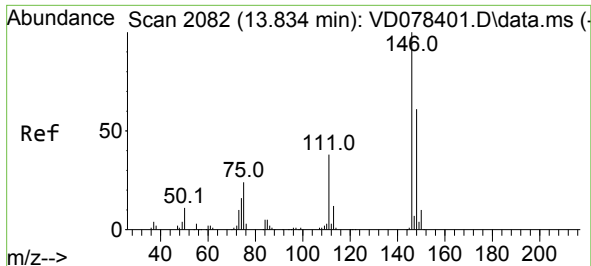
Tgt Ion: 117 Resp: 65319

Ion Ratio Lower Upper

117 100

201 69.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 53.332 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

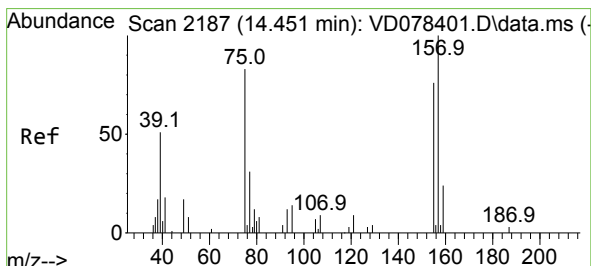
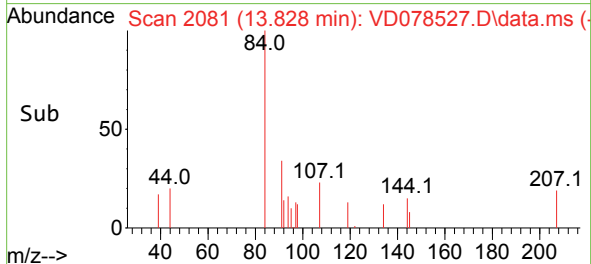
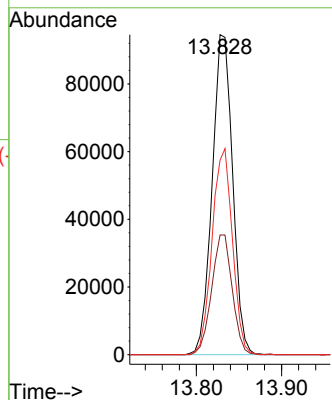
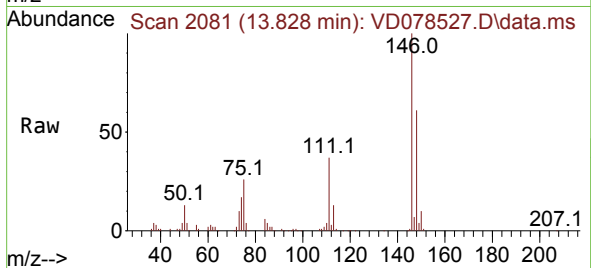
Tgt Ion:146 Resp: 158052

Ion Ratio Lower Upper

146 100

111 37.7 18.3 54.8

148 64.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.800 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078527.D

Acq: 22 Feb 2024 19:45

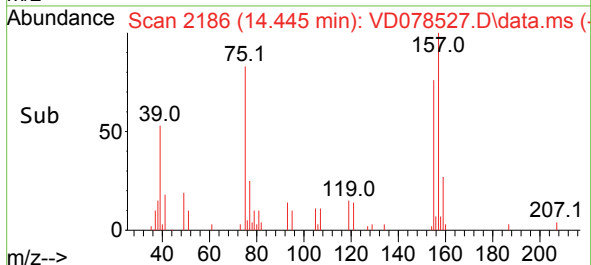
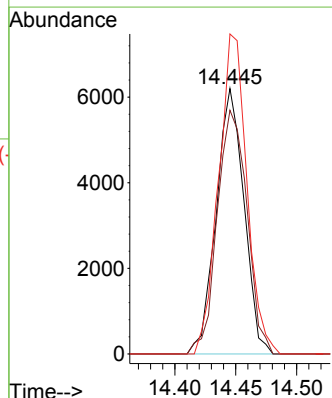
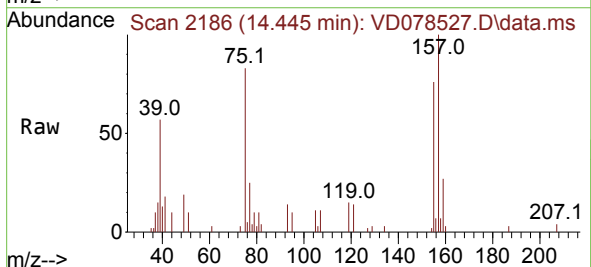
Tgt Ion: 75 Resp: 9832

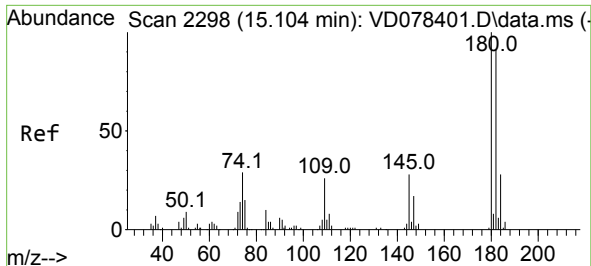
Ion Ratio Lower Upper

75 100

155 98.6 47.9 143.8

157 122.9 59.9 179.7

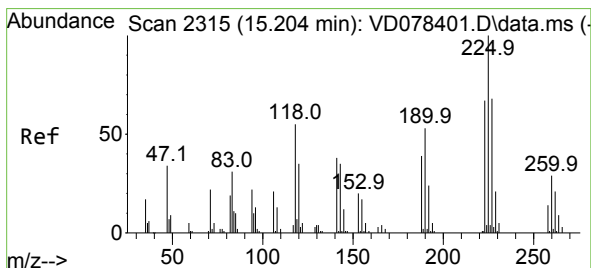
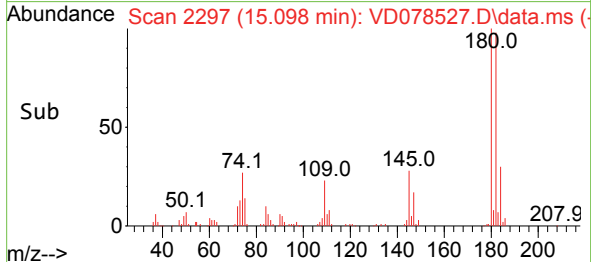
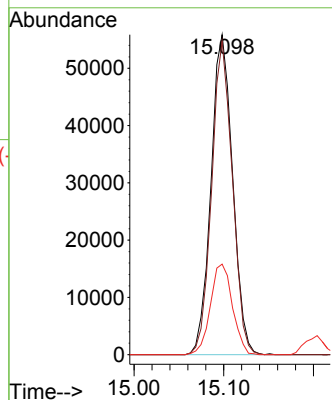
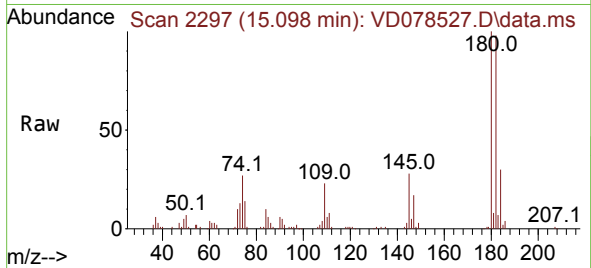




#93
1,2,4-Trichlorobenzene
Concen: 53.695 ug/l
RT: 15.098 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

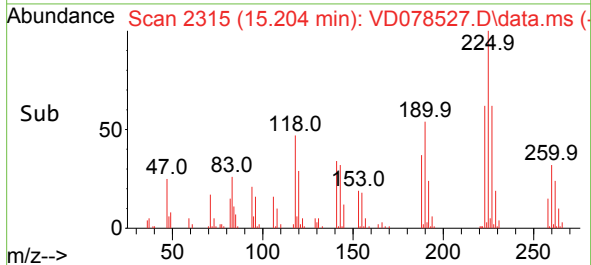
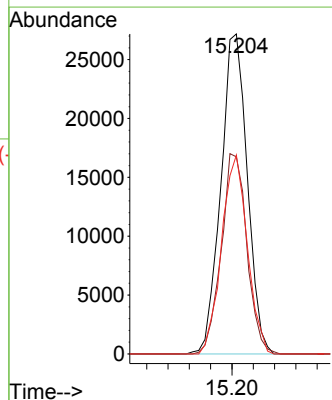
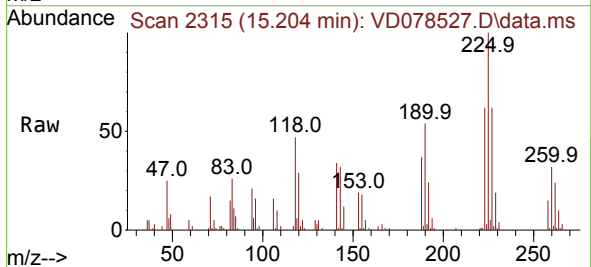
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

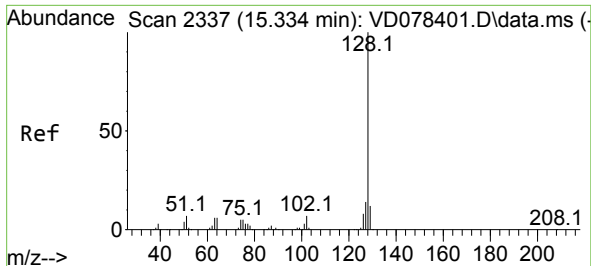
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.5	145.6
145	28.9	14.2	42.6



#94
Hexachlorobutadiene
Concen: 51.380 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.6	94.8
227	60.5	31.7	95.1

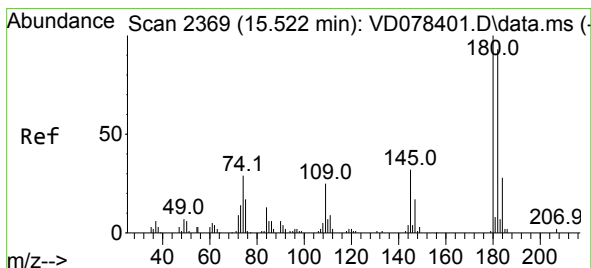
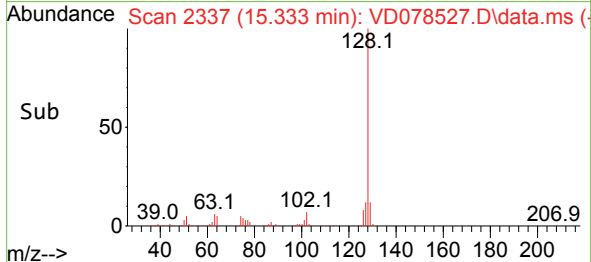
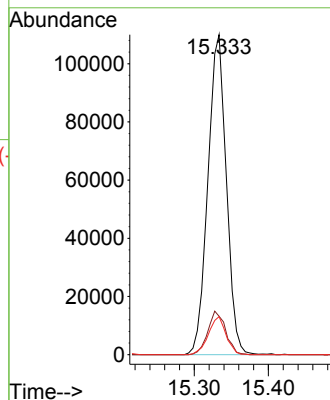
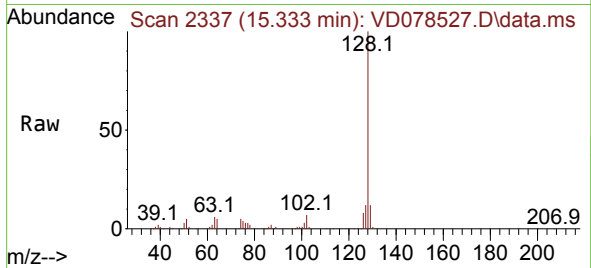




#95
Naphthalene
Concen: 58.864 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 190154
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 11.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.457 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078527.D
Acq: 22 Feb 2024 19:45

Tgt Ion:180 Resp: 84811
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 30.1 15.1 45.3

