

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078429.D
 Acq On : 15 Feb 2024 11:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 16 02:33:01 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	183644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	314945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92608	46.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.804	113	104344	52.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.320%
50) Toluene-d8	10.269	98	405038	50.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.575	95	118092	50.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	80736	44.620	ug/l	98
3) Chloromethane	2.152	50	136653	41.095	ug/l	97
4) Vinyl Chloride	2.287	62	204911	40.383	ug/l	100
5) Bromomethane	2.693	94	141274	40.336	ug/l	99
6) Chloroethane	2.834	64	150988	40.807	ug/l	100
7) Trichlorofluoromethane	3.175	101	148954	43.517	ug/l	99
8) Diethyl Ether	3.593	74	44920	45.562	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.958	101	90906	42.099	ug/l	97
10) Methyl Iodide	4.163	142	90143	46.609	ug/l	94
11) Tert butyl alcohol	5.052	59	25631	237.889	ug/l	97
12) 1,1-Dichloroethene	3.934	96	88347	44.130	ug/l	92
13) Acrolein	3.799	56	35260	192.216	ug/l	99
14) Allyl chloride	4.563	41	100115	40.480	ug/l	91
15) Acrylonitrile	5.258	53	91146	215.960	ug/l	96
16) Acetone	4.022	43	89987	233.385	ug/l	88
17) Carbon Disulfide	4.269	76	276561	41.055	ug/l	99
18) Methyl Acetate	4.563	43	72560	50.447	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	198923	46.768	ug/l	99
20) Methylene Chloride	4.805	84	106999	47.409	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	105053	44.606	ug/l	97
22) Diisopropyl ether	6.216	45	242690	44.522	ug/l	95
23) Vinyl Acetate	6.152	43	476639	211.170	ug/l	95
24) 1,1-Dichloroethane	6.116	63	166268	43.058	ug/l	99
25) 2-Butanone	7.087	43	118316	234.187	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	141584	43.737	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	119279	46.162	ug/l	97
28) Bromochloromethane	7.428	49	71425	46.699	ug/l	88
29) Tetrahydrofuran	7.452	42	68656	232.498	ug/l	92
30) Chloroform	7.599	83	184048	45.047	ug/l	95
31) Cyclohexane	7.875	56	138550	41.248	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	155662	44.687	ug/l	100
36) 1,1-Dichloropropene	8.004	75	139213	44.794	ug/l	97
37) Ethyl Acetate	7.169	43	47502	43.602	ug/l	97
38) Carbon Tetrachloride	7.993	117	139236	45.239	ug/l	96
39) Methylcyclohexane	9.275	83	166171	45.038	ug/l	98
40) Benzene	8.246	78	411628	45.822	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25664	45.264	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	103698	44.613	ug/l	97
43) Isopropyl Acetate	8.357	43	91625	45.418	ug/l	95
44) Trichloroethene	9.028	130	109534	47.795	ug/l	96
45) 1,2-Dichloropropane	9.304	63	97883	44.411	ug/l	99
46) Dibromomethane	9.393	93	58603	47.271	ug/l	93
47) Bromodichloromethane	9.581	83	144206	46.964	ug/l	100
48) Methyl methacrylate	9.381	41	53317	49.815	ug/l	84
49) 1,4-Dioxane	9.381	88	12735	948.563	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	238916	223.134	ug/l	95
52) Toluene	10.334	92	269610	47.460	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	133581	47.677	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	155536	45.781	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	78629	47.097	ug/l	96
56) Ethyl methacrylate	10.598	69	67112	43.465	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	128350	45.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	231921	254.995	ug/l	97
59) 2-Hexanone	10.922	43	176222	219.001	ug/l	95
60) Dibromochloromethane	11.075	129	96844	48.212	ug/l	97
61) 1,2-Dibromoethane	11.181	107	76790	48.994	ug/l	98
64) Tetrachloroethene	10.810	164	88237	47.458	ug/l	93
65) Chlorobenzene	11.604	112	282257	47.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	105212	48.378	ug/l	96
67) Ethyl Benzene	11.681	91	508307	47.939	ug/l	97
68) m/p-Xylenes	11.792	106	404438	97.786	ug/l	94
69) o-Xylene	12.116	106	184301	48.830	ug/l	95
70) Styrene	12.134	104	276381	44.868	ug/l	96
71) Bromoform	12.298	173	57131	49.910	ug/l #	99
73) Isopropylbenzene	12.422	105	485182	49.230	ug/l	97
74) N-amyl acetate	12.234	43	79730	42.763	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	87617	44.817	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	104086	83.534	ug/l #	100
77) Bromobenzene	12.698	156	114363	49.376	ug/l	95
78) n-propylbenzene	12.763	91	580200	47.241	ug/l	96
79) 2-Chlorotoluene	12.845	91	307241	46.707	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	398618	48.710	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27094	45.142	ug/l	98
82) 4-Chlorotoluene	12.945	91	330804	46.823	ug/l	98
83) tert-Butylbenzene	13.163	119	348077	50.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	400964	48.277	ug/l	98
85) sec-Butylbenzene	13.345	105	495164	46.262	ug/l	95
86) p-Isopropyltoluene	13.457	119	442717	48.562	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	233775	47.291	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	225886	46.505	ug/l	99
89) n-Butylbenzene	13.786	91	406295	46.238	ug/l	99
90) Hexachloroethane	14.051	117	85840	45.812	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	197902	47.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	11886	46.433	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	119715	49.071	ug/l	97
94) Hexachlorobutadiene	15.204	225	60094	47.192	ug/l	99
95) Naphthalene	15.328	128	229541	50.728	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	105333	50.945	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

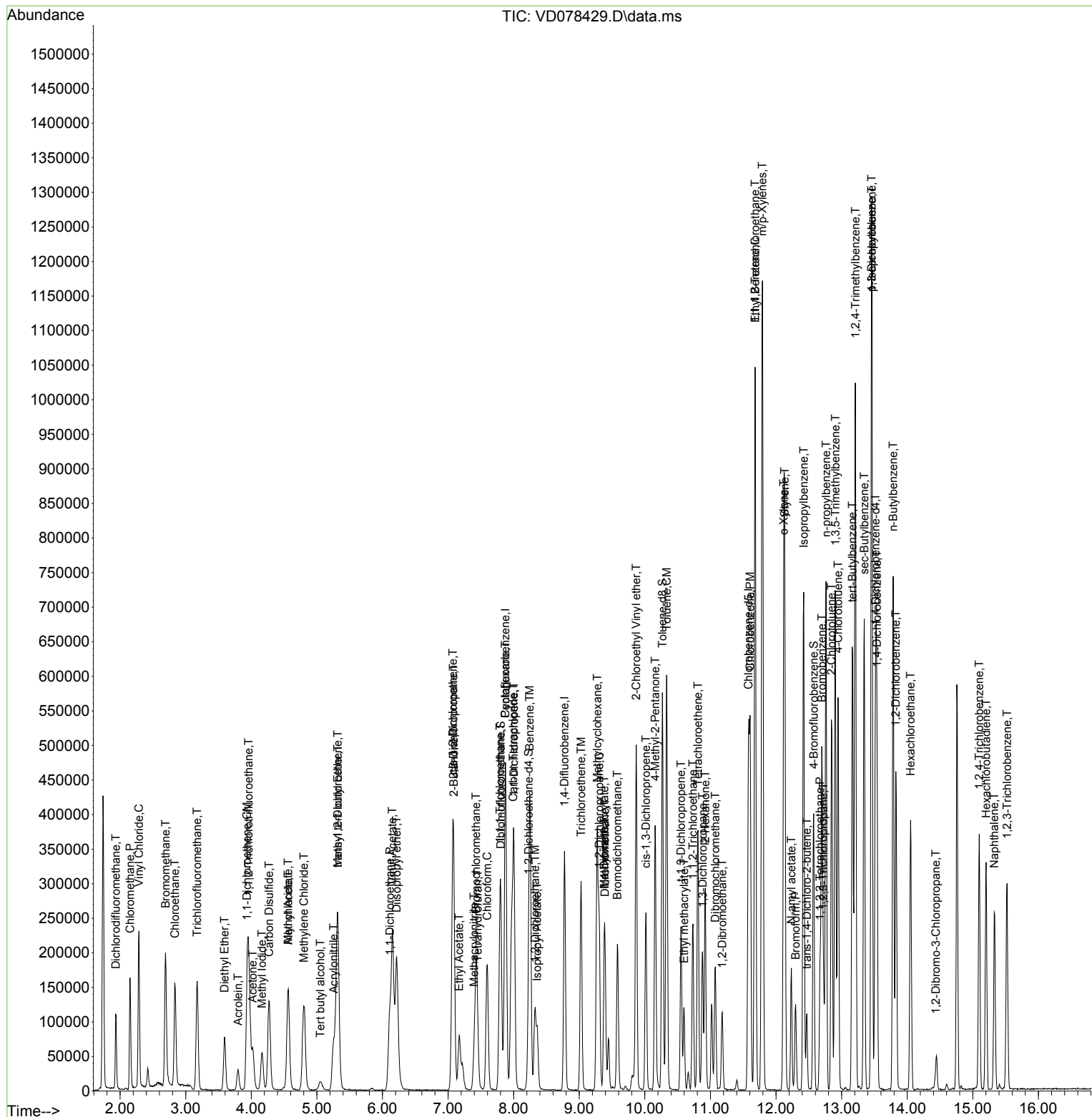
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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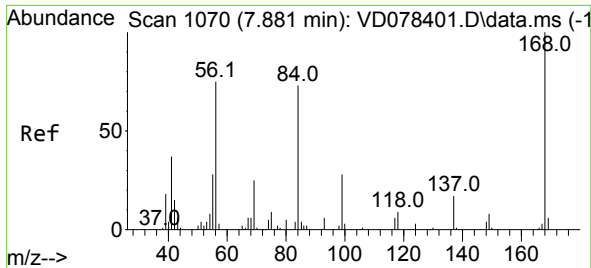
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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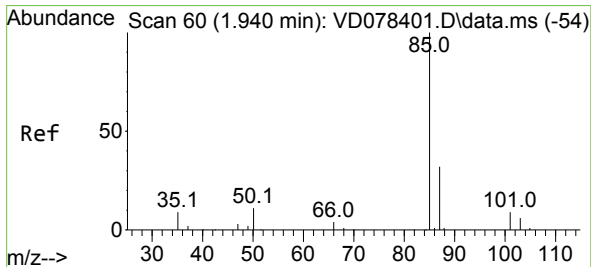
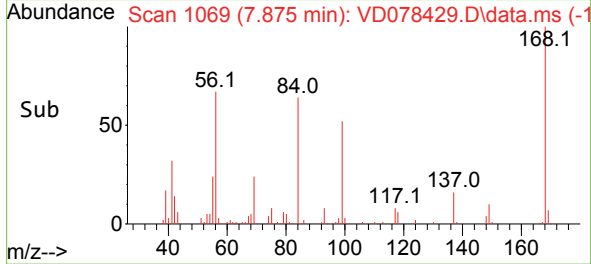
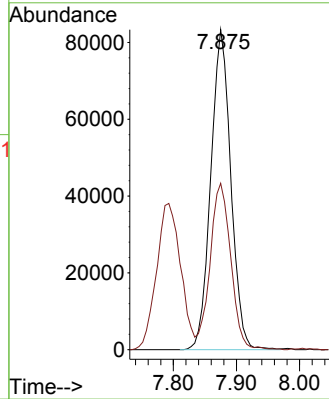
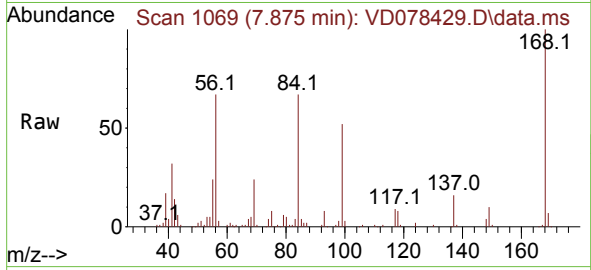




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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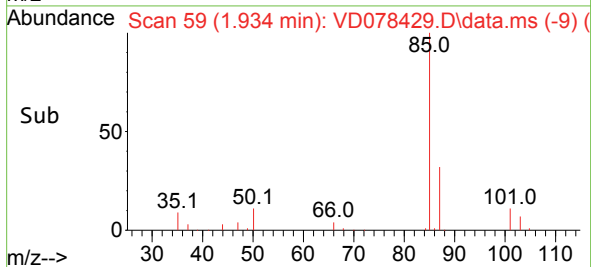
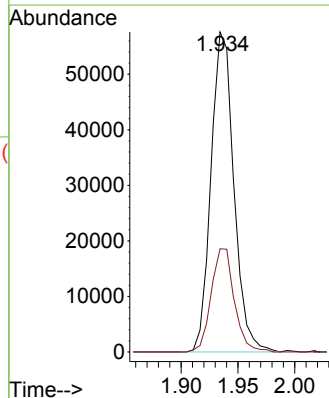
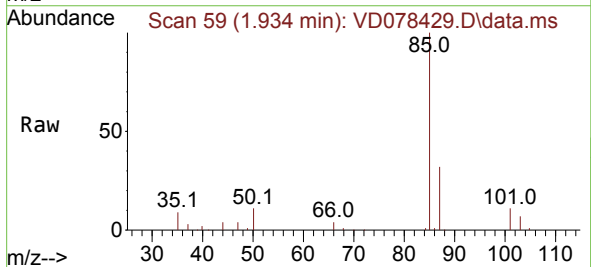
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

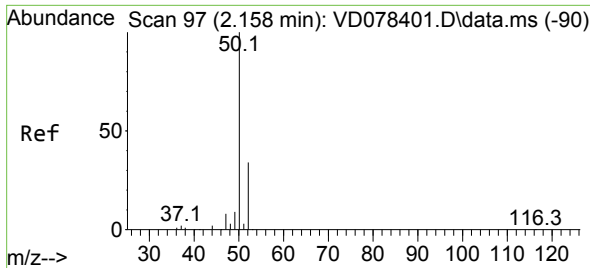
Tgt Ion:168 Resp: 183644
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.620 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 85 Resp: 80736
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

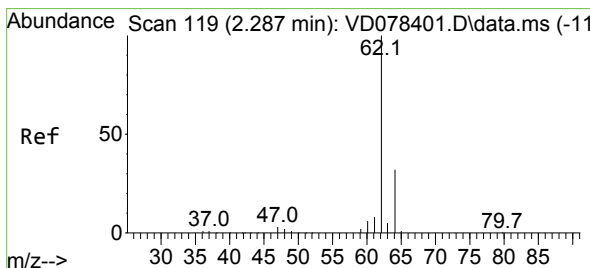
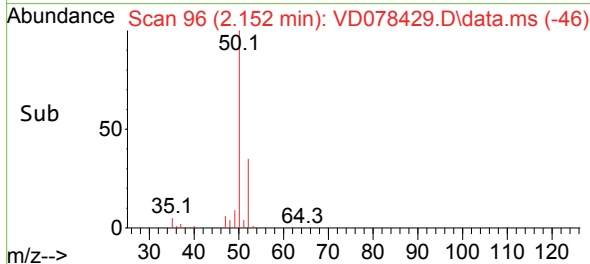
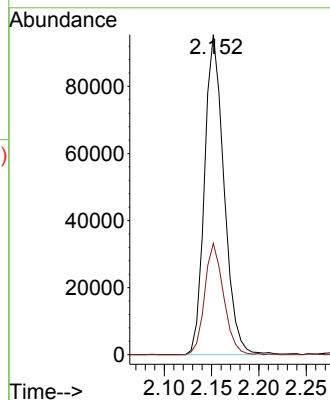
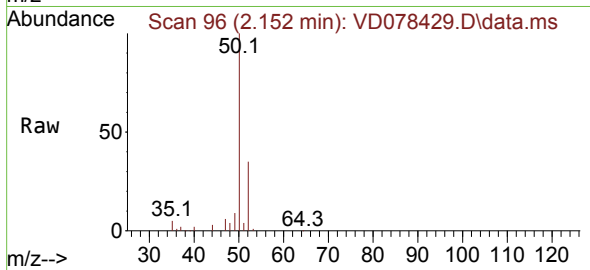




#3
Chloromethane
Concen: 41.095 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

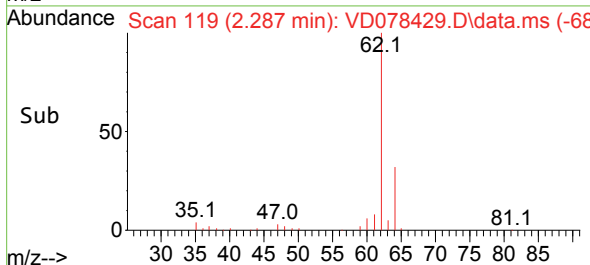
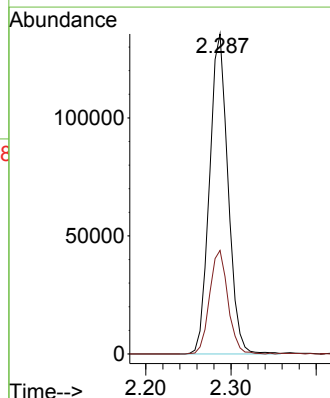
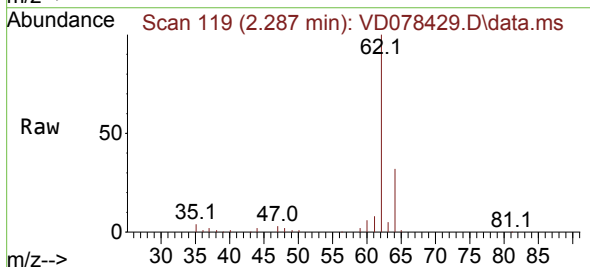
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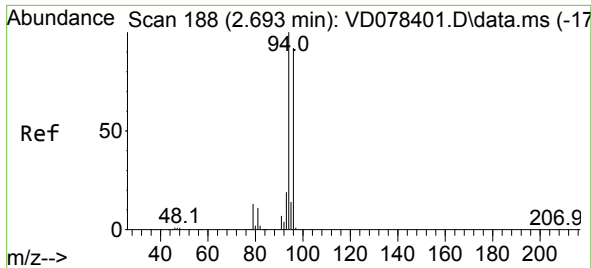
Tgt Ion: 50 Resp: 136653
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0



#4
Vinyl Chloride
Concen: 40.383 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 62 Resp: 204911
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

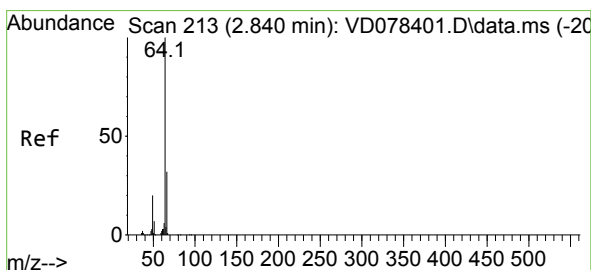
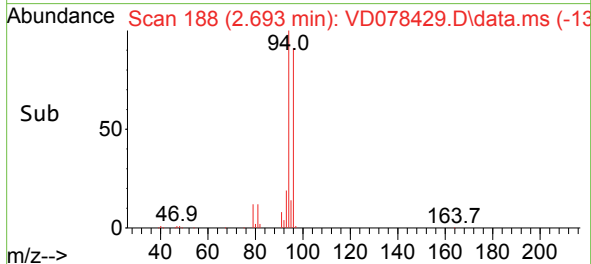
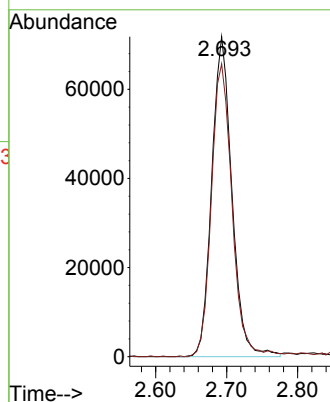
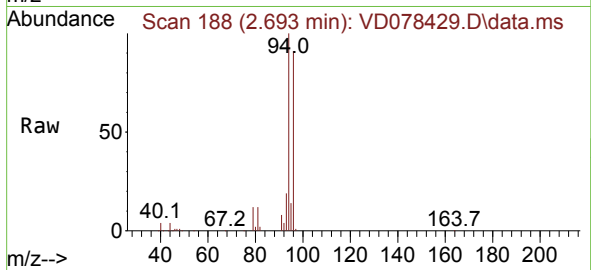




#5
Bromomethane
Concen: 40.336 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078429.D
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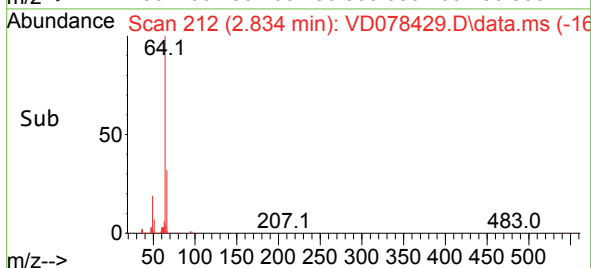
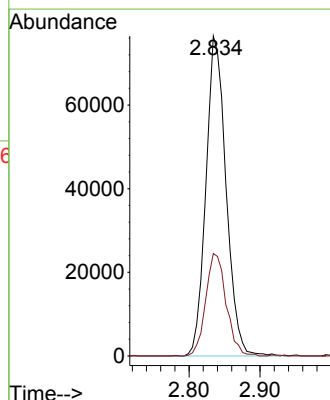
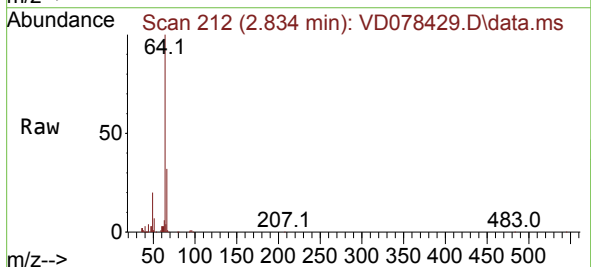
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 141274
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8



#6
Chloroethane
Concen: 40.807 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 64 Resp: 150988
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

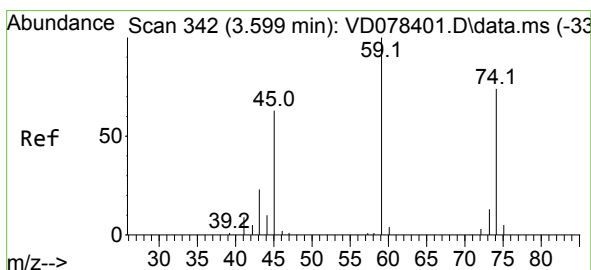
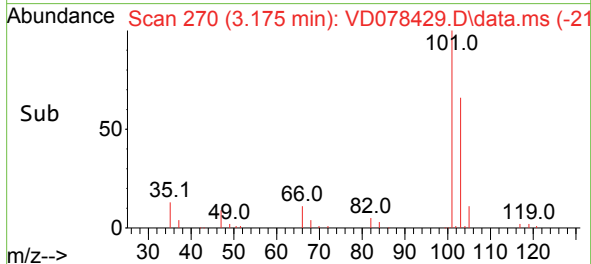
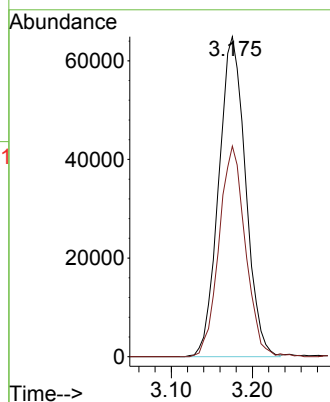
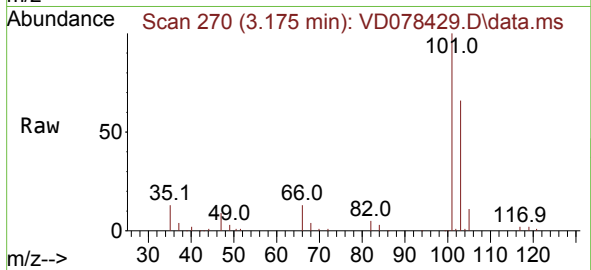




#7
 Trichlorofluoromethane
 Concen: 43.517 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078429.D
 Acq: 15 Feb 2024 11:35

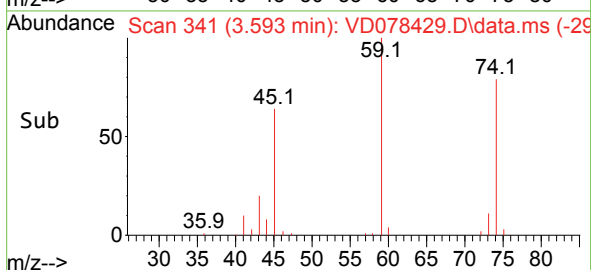
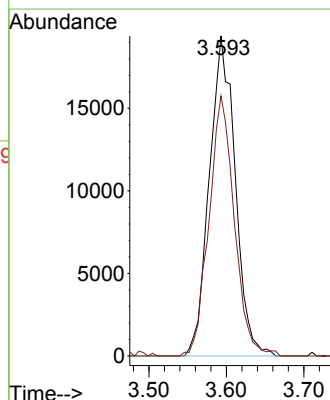
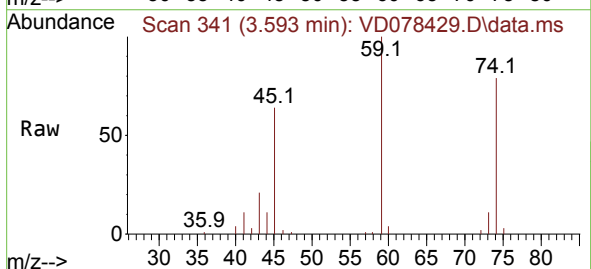
Instrument :
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Tgt Ion:101 Resp: 148954
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 45.562 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078429.D
 Acq: 15 Feb 2024 11:35

Tgt Ion: 74 Resp: 44920
 Ion Ratio Lower Upper
 74 100
 45 79.5 37.5 112.7

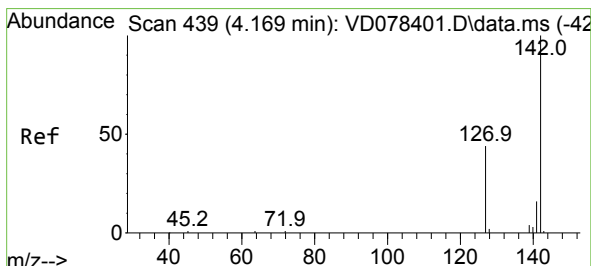
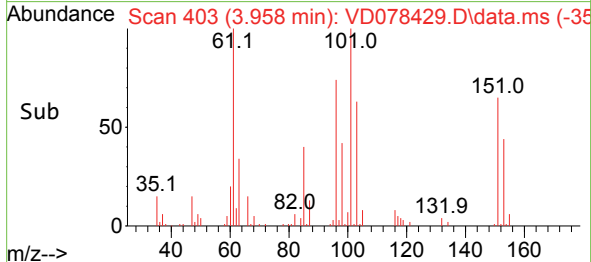
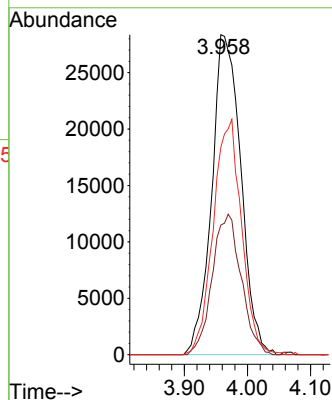
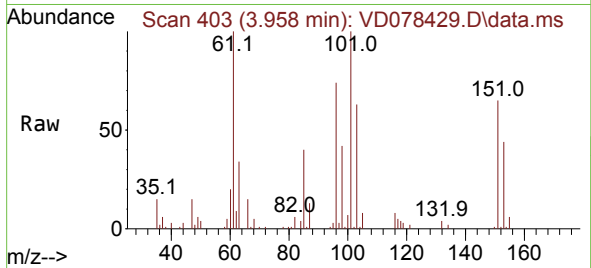




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.099 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

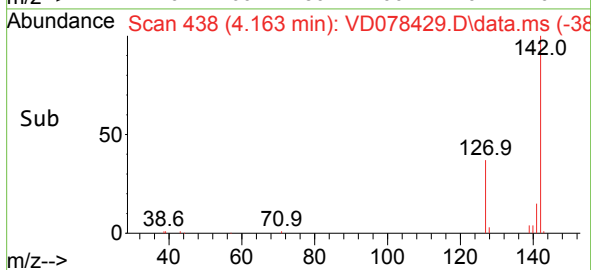
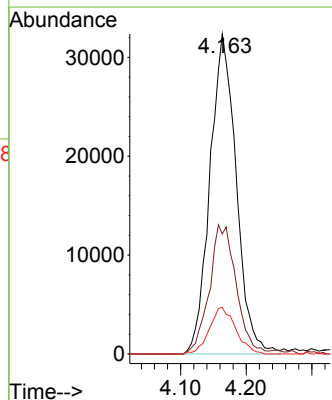
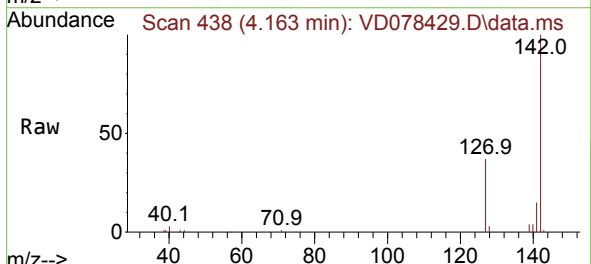
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

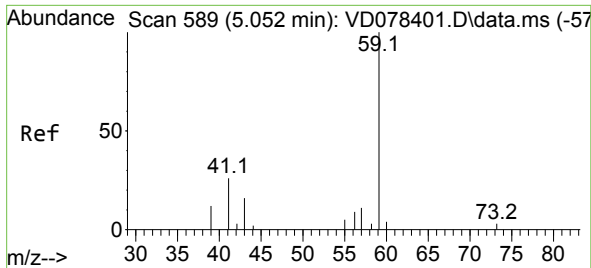
Tgt Ion:101 Resp: 90906
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 71.5 59.8 89.6



#10
Methyl Iodide
Concen: 46.609 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:142 Resp: 90143
Ion Ratio Lower Upper
142 100
127 41.2 29.4 44.0
141 14.6 11.1 16.7

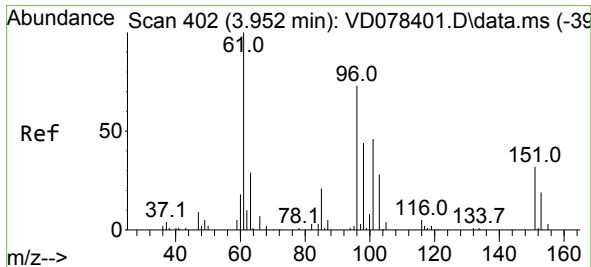
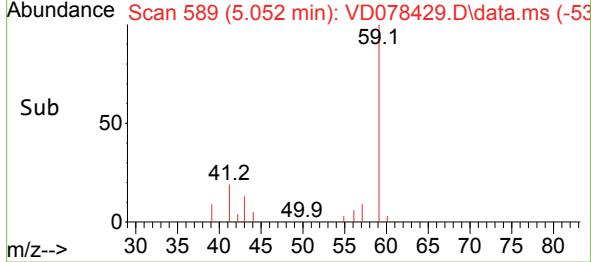
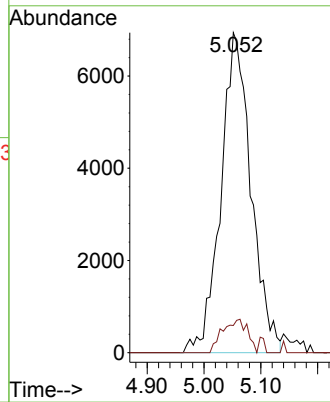
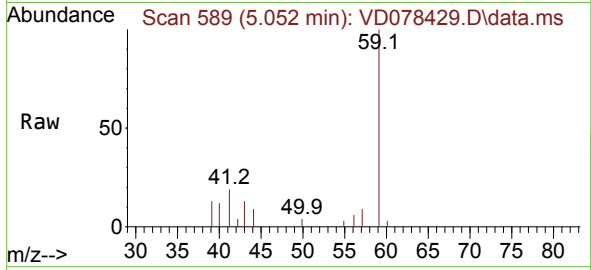




#11
Tert butyl alcohol
Concen: 237.889 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

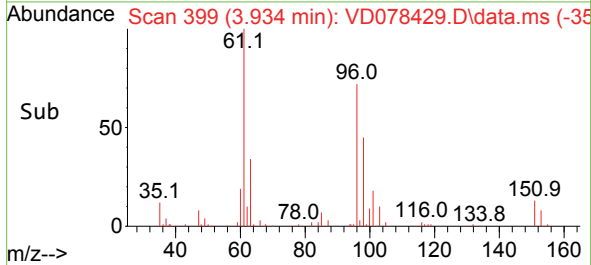
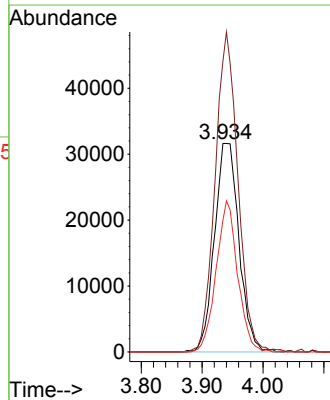
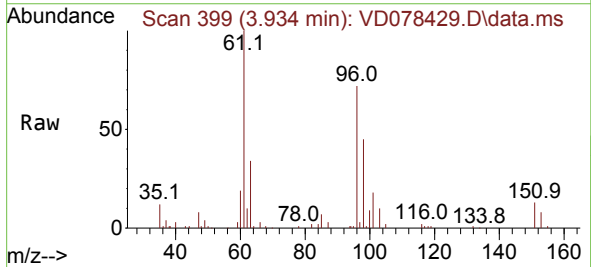
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

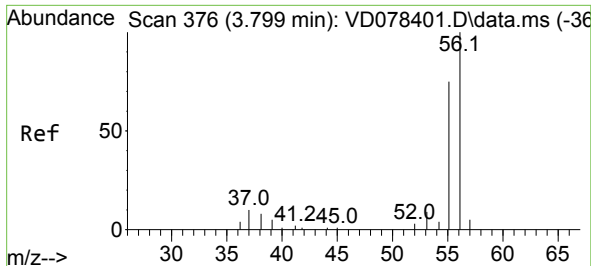
Tgt Ion: 59 Resp: 25631
Ion Ratio Lower Upper
59 100
57 8.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 44.130 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 96 Resp: 88347
Ion Ratio Lower Upper
96 100
61 139.4 100.6 150.8
98 63.2 50.2 75.2

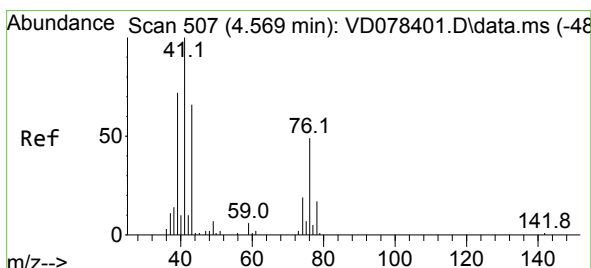
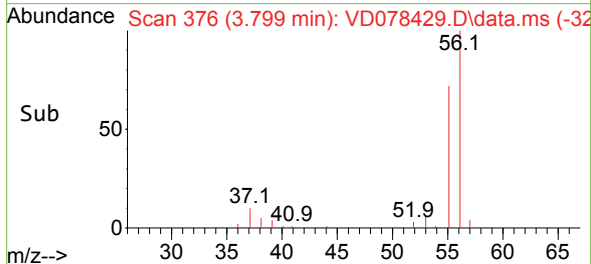
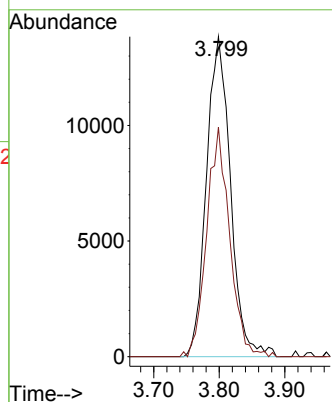
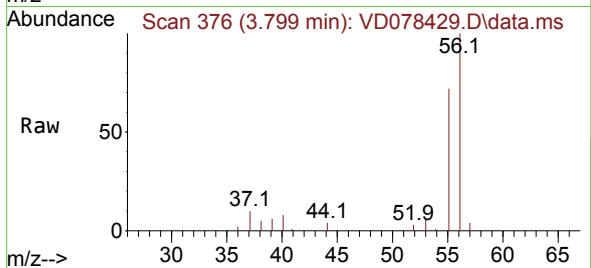




#13
Acrolein
Concen: 192.216 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

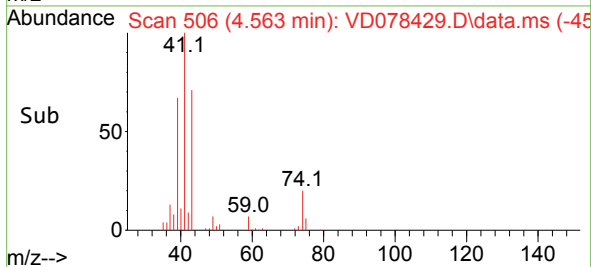
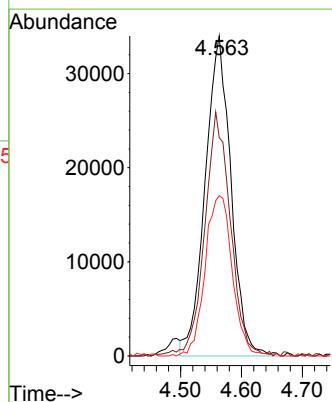
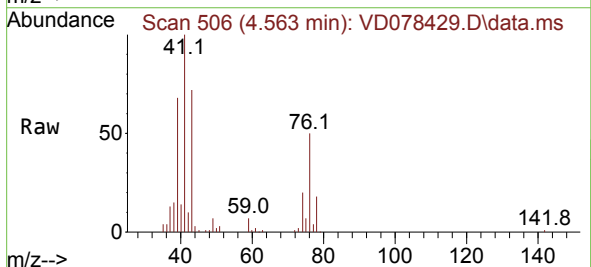
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

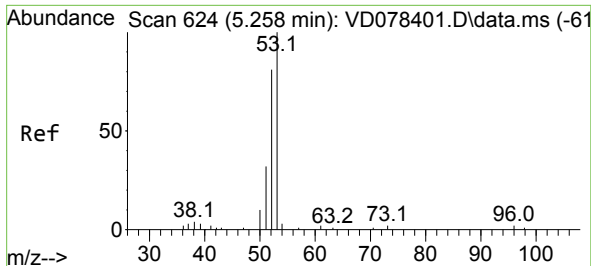
Tgt Ion: 56 Resp: 35260
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 40.480 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 41 Resp: 100115
Ion Ratio Lower Upper
41 100
39 76.2 53.8 80.6
76 52.9 45.8 68.8

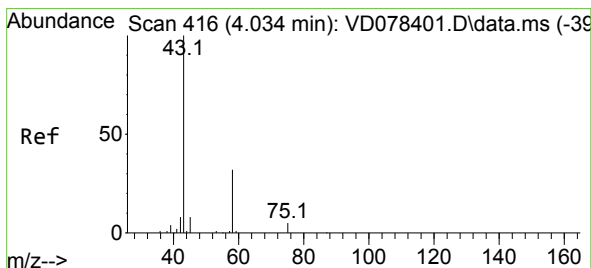
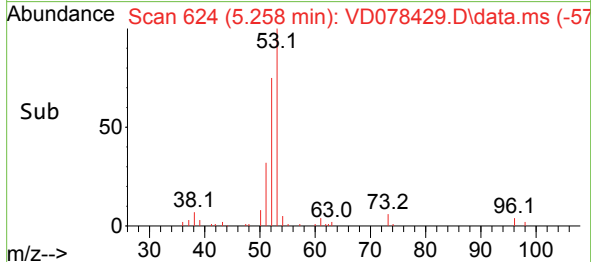
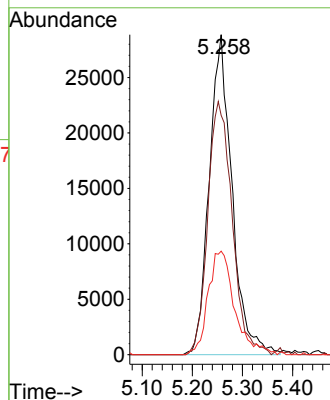
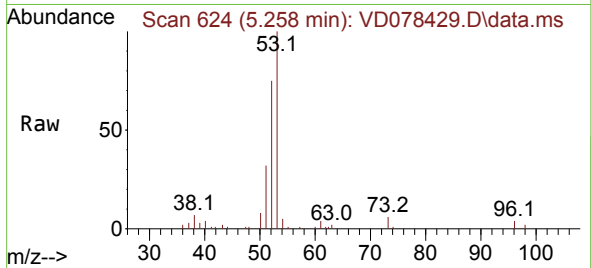




#15
Acrylonitrile
Concen: 215.960 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

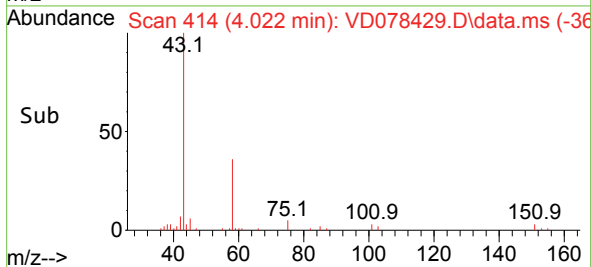
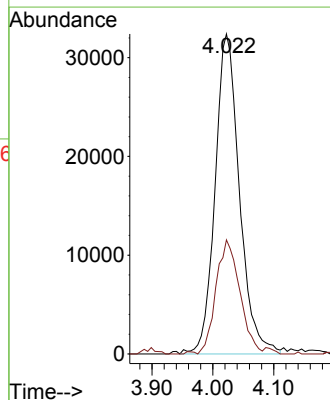
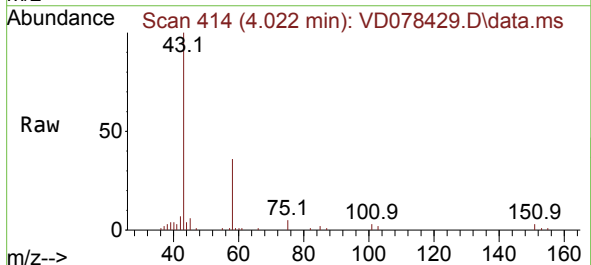
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

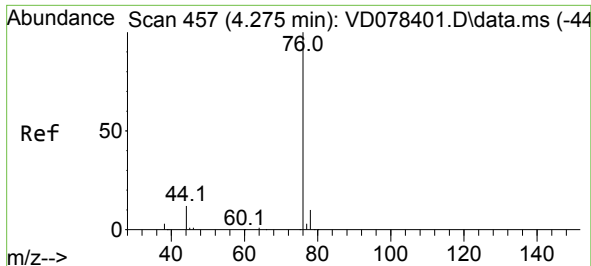
Tgt Ion:	53	Resp:	91146
Ion	Ratio	Lower	Upper
53	100		
52	84.7	65.0	97.4
51	37.6	28.3	42.5



#16
Acetone
Concen: 233.385 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:	43	Resp:	89987
Ion	Ratio	Lower	Upper
43	100		
58	35.6	34.7	52.1

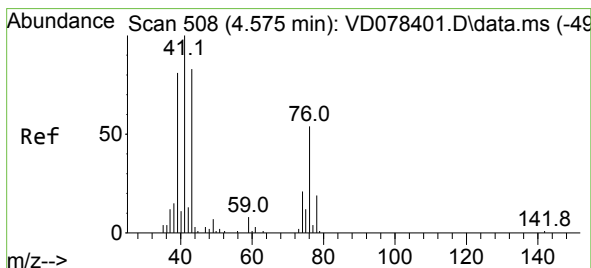
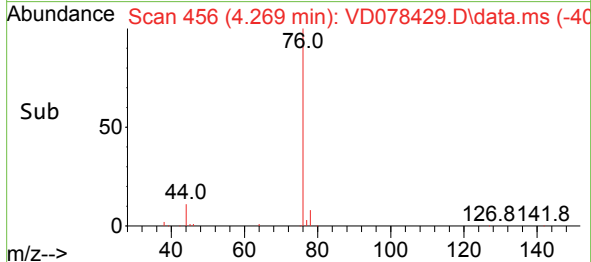
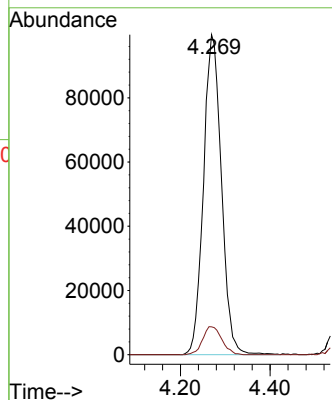
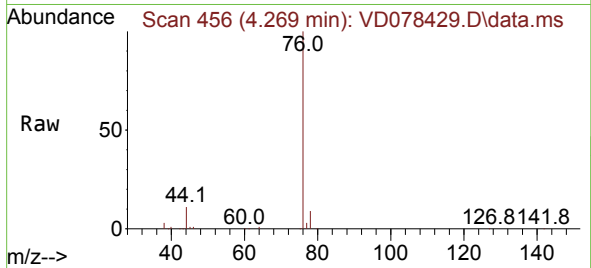




#17
Carbon Disulfide
Concen: 41.055 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

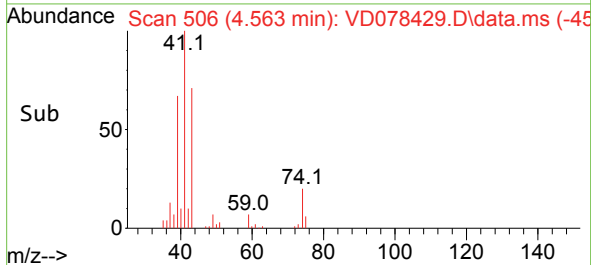
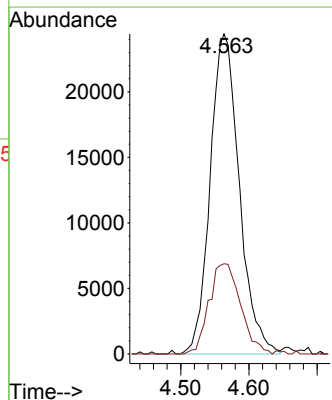
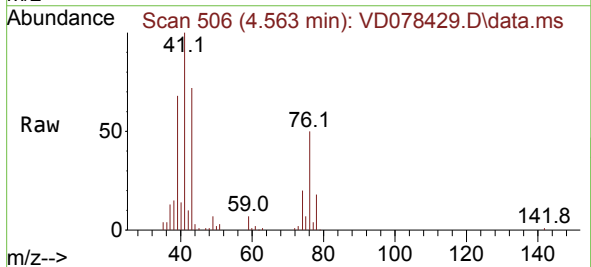
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

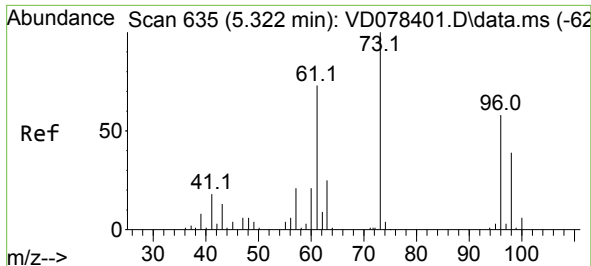
Tgt Ion: 76 Resp: 276561
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 50.447 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 43 Resp: 72560
Ion Ratio Lower Upper
43 100
74 30.5 26.4 39.6

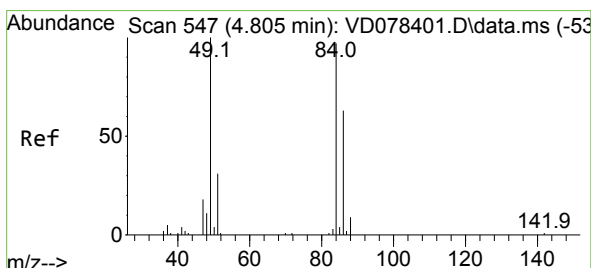
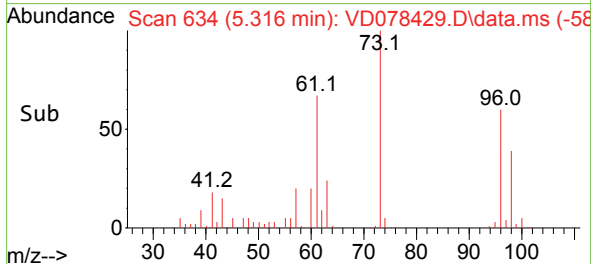
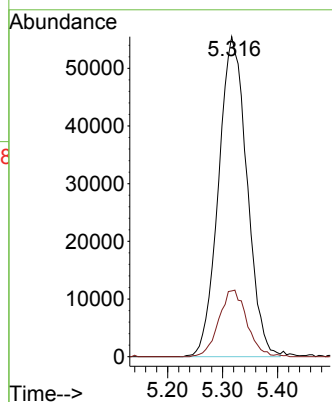
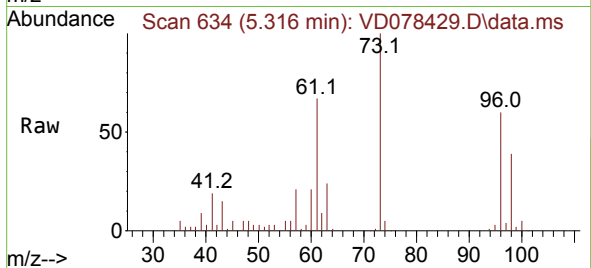




#19
Methyl tert-butyl Ether
Concen: 46.768 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

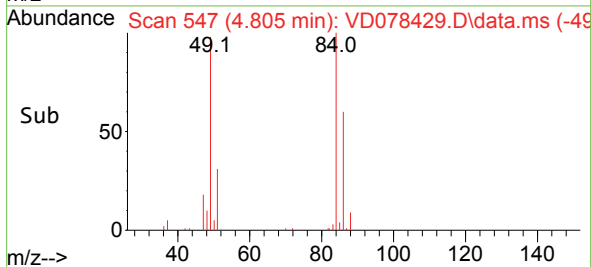
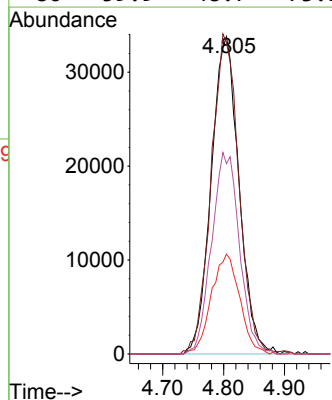
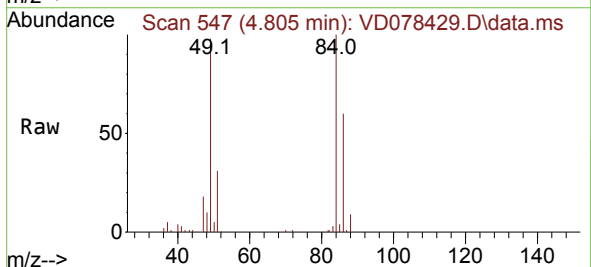
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

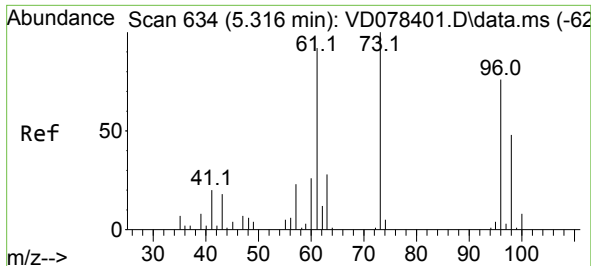
Tgt Ion: 73 Resp: 198923
Ion Ratio Lower Upper
73 100
57 20.5 16.6 25.0



#20
Methylene Chloride
Concen: 47.409 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 84 Resp: 106999
Ion Ratio Lower Upper
84 100
49 98.2 71.4 107.2
51 31.5 24.5 36.7
86 59.9 48.7 73.1

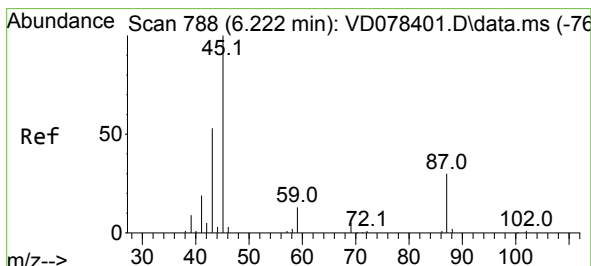
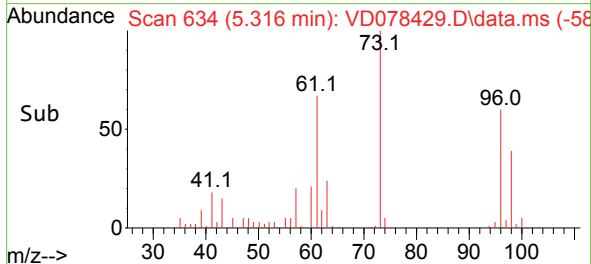
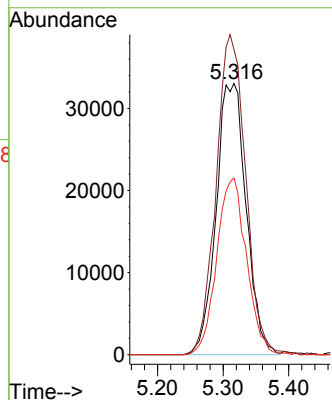
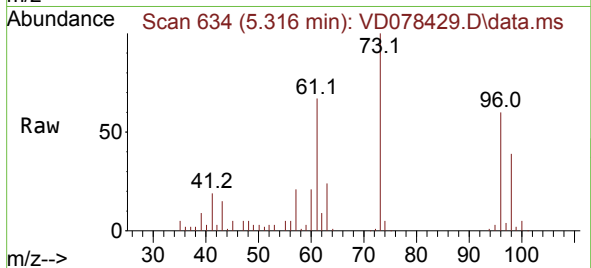




#21
trans-1,2-Dichloroethene
Concen: 44.606 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

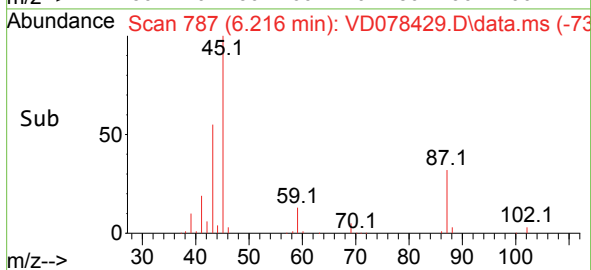
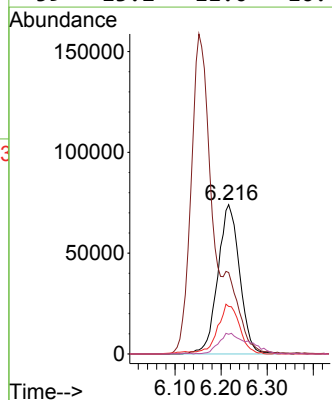
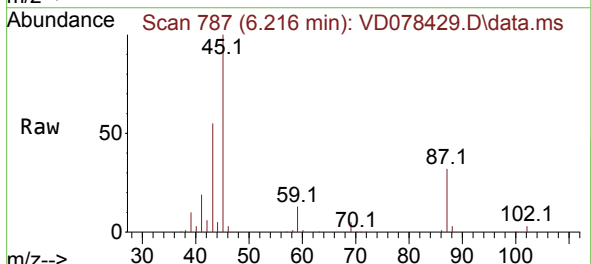
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

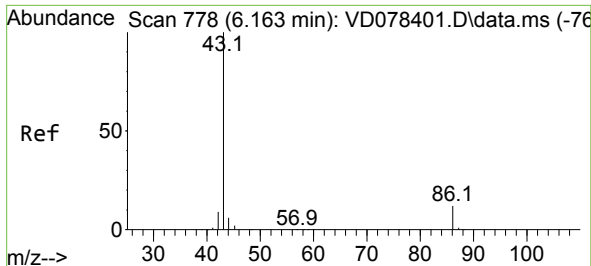
Tgt Ion: 96 Resp: 105053
Ion Ratio Lower Upper
96 100
61 112.5 89.3 133.9
98 65.1 48.6 73.0



#22
Diisopropyl ether
Concen: 44.522 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 45 Resp: 242690
Ion Ratio Lower Upper
45 100
43 53.9 40.0 60.0
87 31.9 28.2 42.4
59 13.2 11.0 16.4

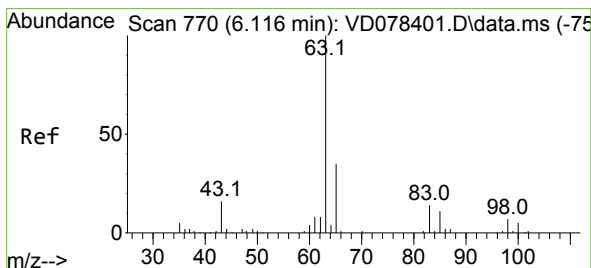
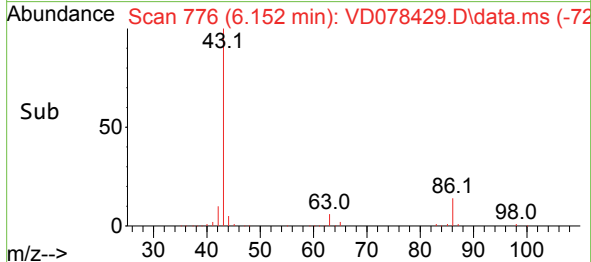
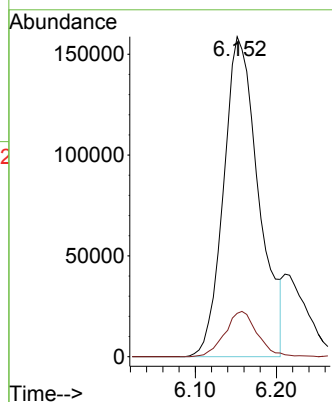
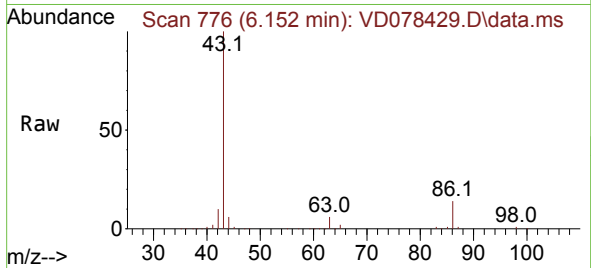




#23
 Vinyl Acetate
 Concen: 211.170 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.011 min
 Lab File: VD078429.D
 Acq: 15 Feb 2024 11:35

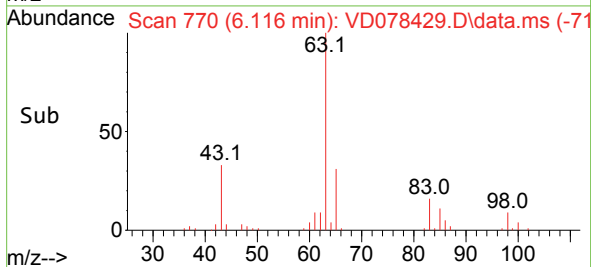
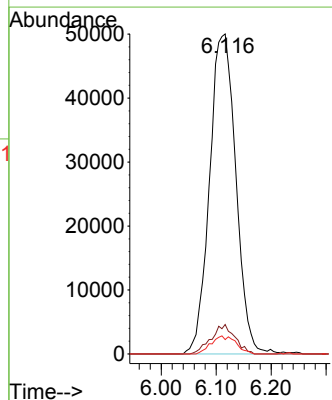
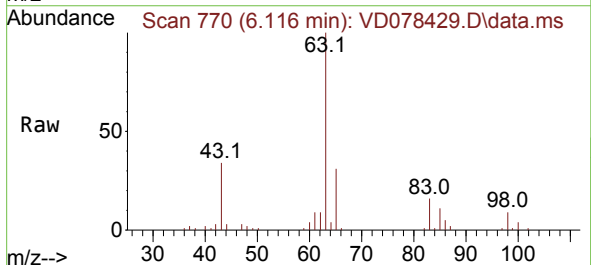
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

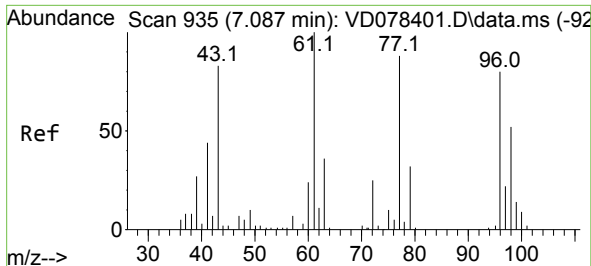
Tgt Ion: 43 Resp: 476639
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 43.058 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078429.D
 Acq: 15 Feb 2024 11:35

Tgt Ion: 63 Resp: 166268
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.5 13.7
 100 4.5 2.5 7.5

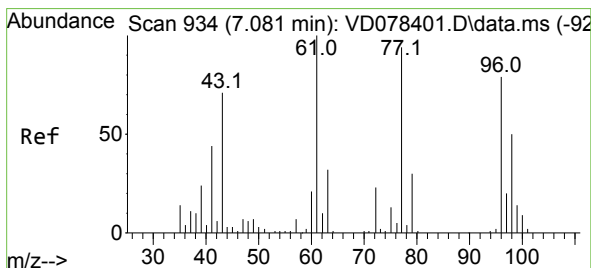
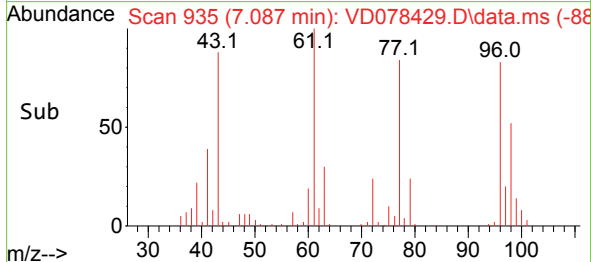
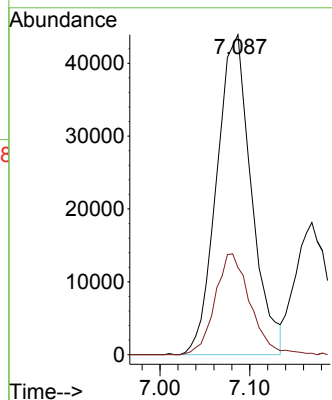
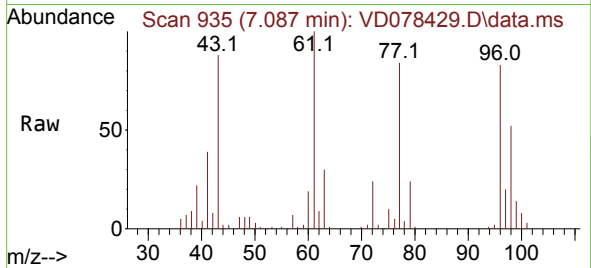




#25
2-Butanone
Concen: 234.187 ug/l
RT: 7.087 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

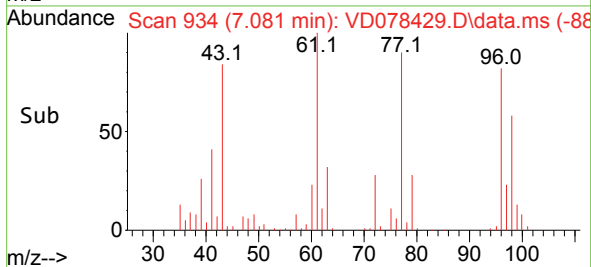
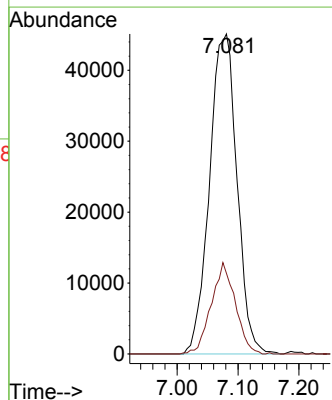
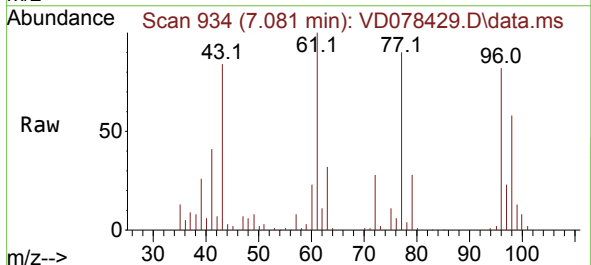
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 118316
Ion Ratio Lower Upper
43 100
72 27.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 43.737 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 77 Resp: 141584
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 46.162 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

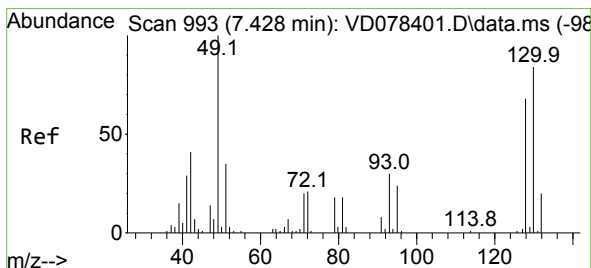
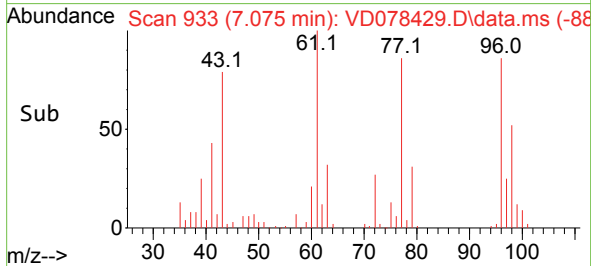
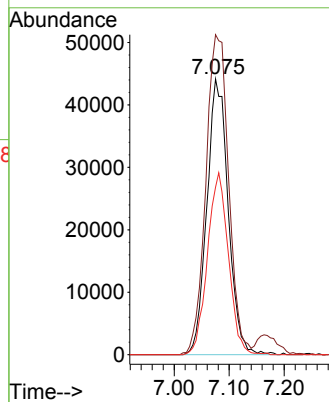
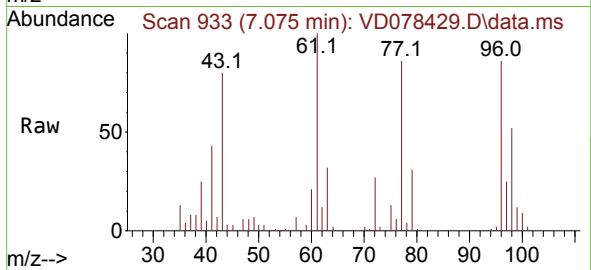
Tgt Ion: 96 Resp: 119279

Ion Ratio Lower Upper

96 100

61 124.0 0.0 239.2

98 64.9 0.0 128.6



#28

Bromochloromethane

Concen: 46.699 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

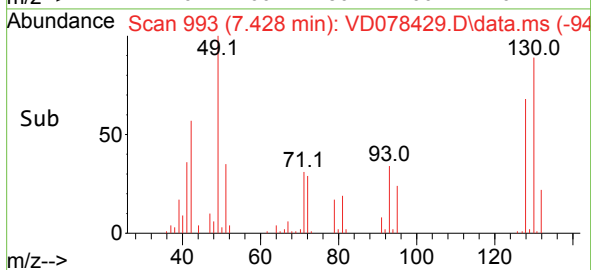
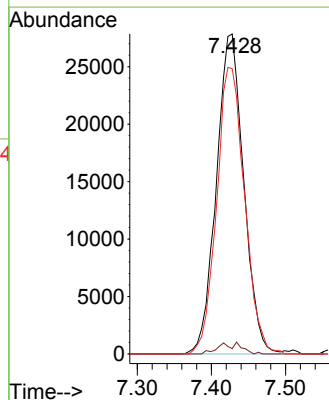
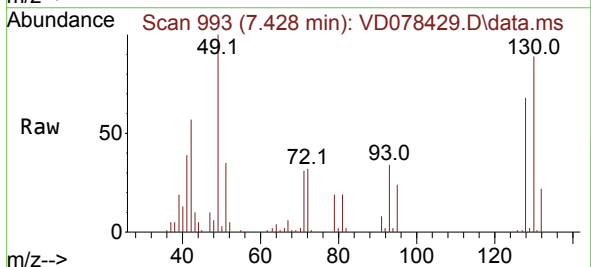
Tgt Ion: 49 Resp: 71425

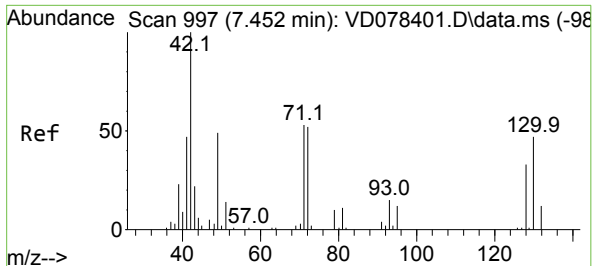
Ion Ratio Lower Upper

49 100

129 1.7 0.0 6.0

130 91.4 83.2 124.8





#29

Tetrahydrofuran

Concen: 232.498 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

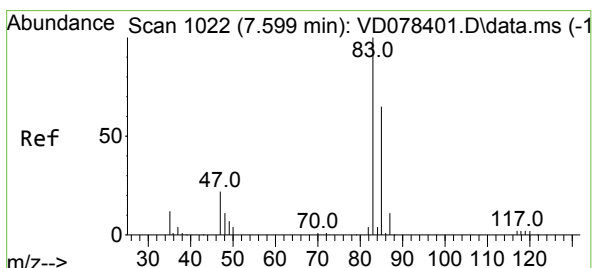
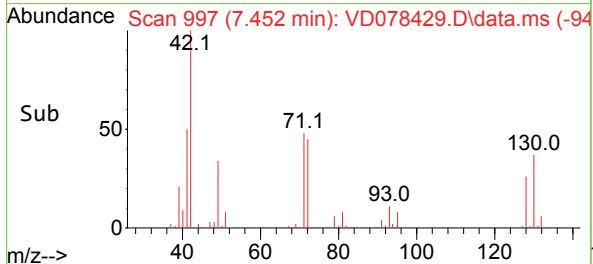
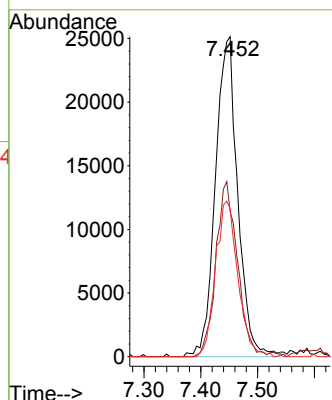
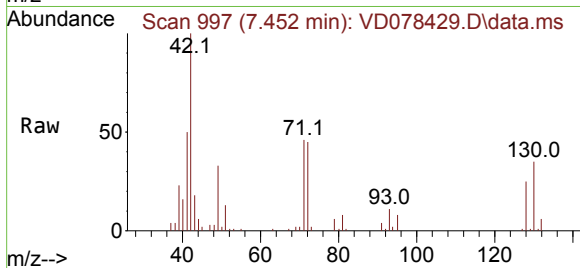
Tgt Ion: 42 Resp: 68656

Ion Ratio Lower Upper

42 100

72 52.5 46.5 69.7

71 48.8 44.5 66.7



#30

Chloroform

Concen: 45.047 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078429.D

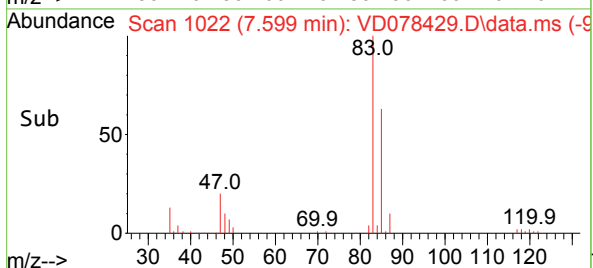
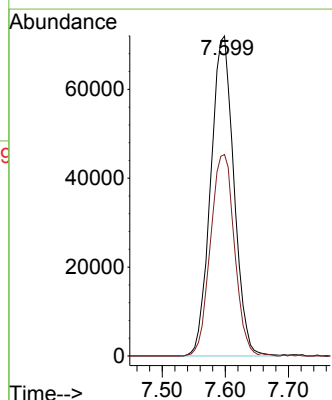
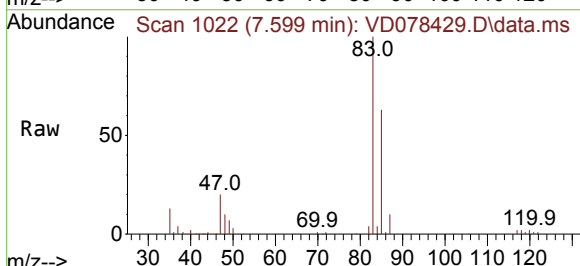
Acq: 15 Feb 2024 11:35

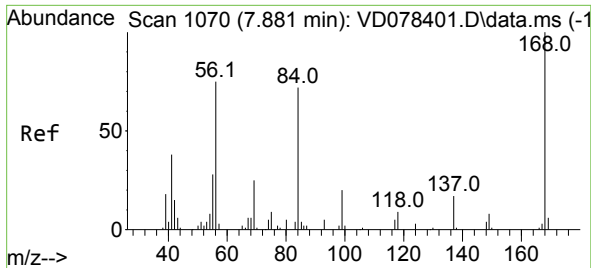
Tgt Ion: 83 Resp: 184048

Ion Ratio Lower Upper

83 100

85 63.0 53.4 80.2

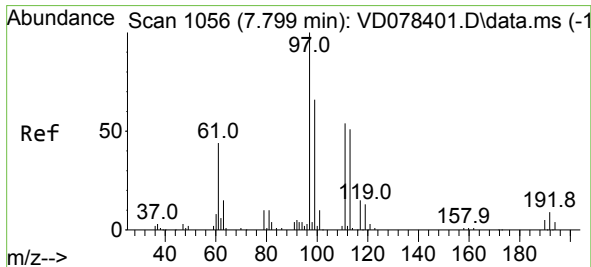
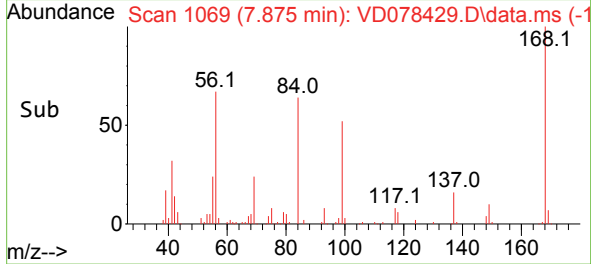
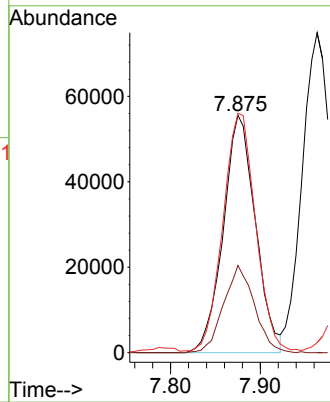
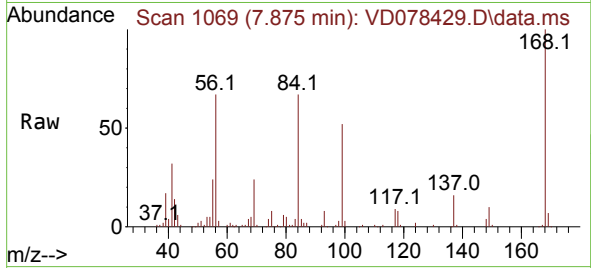




#31
Cyclohexane
Concen: 41.248 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

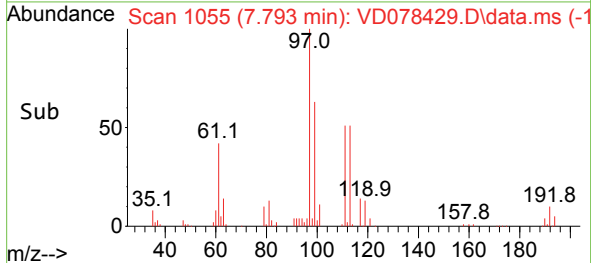
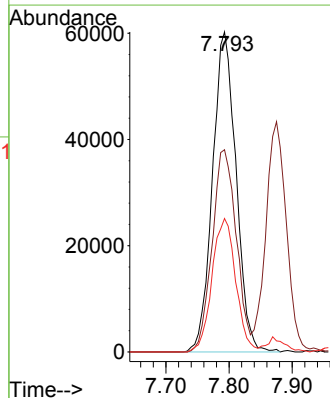
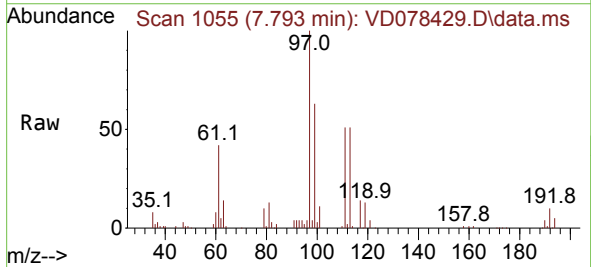
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

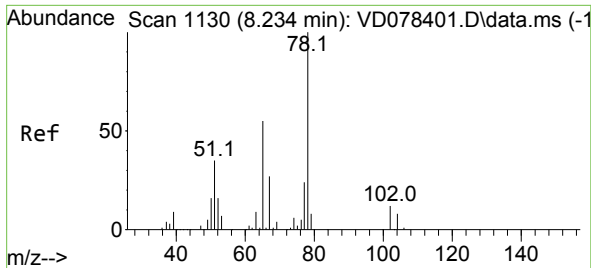
Tgt Ion: 56 Resp: 138550
Ion Ratio Lower Upper
56 100
69 36.7 28.6 43.0
84 100.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 44.687 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 97 Resp: 155662
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.639 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

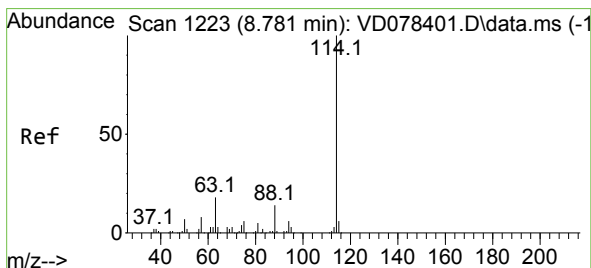
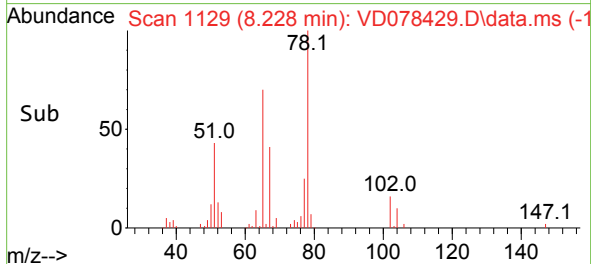
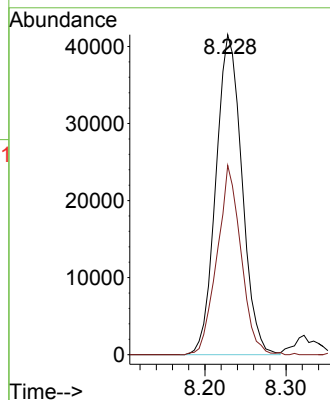
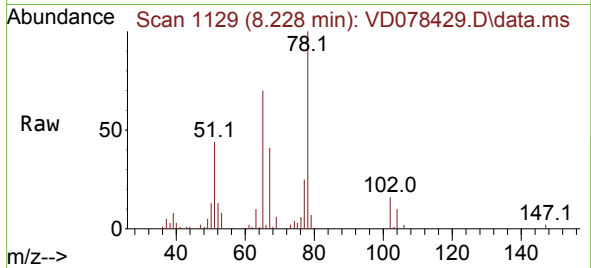
VSTDCCC050

Tgt Ion: 65 Resp: 92608

Ion Ratio Lower Upper

65 100

67 54.4 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: VD078429.D

Acq: 15 Feb 2024 11:35

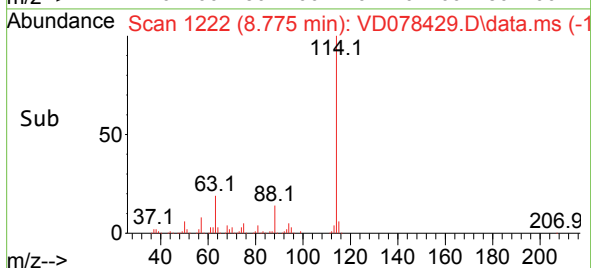
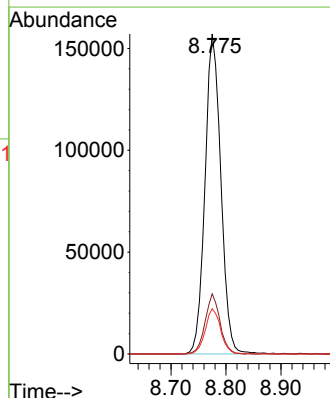
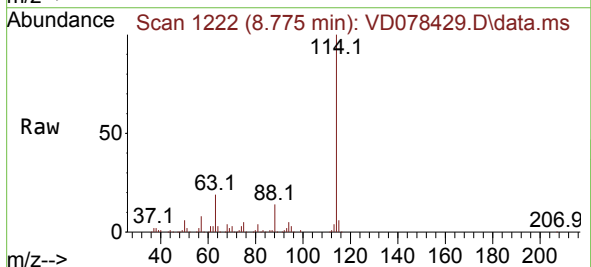
Tgt Ion: 114 Resp: 314945

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.1 0.0 26.2

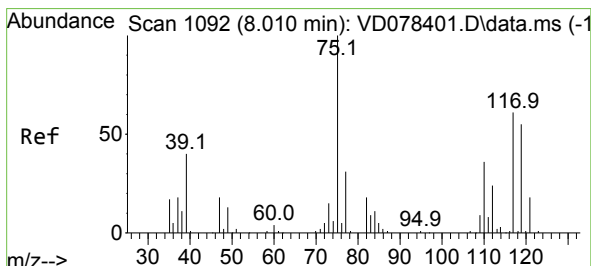
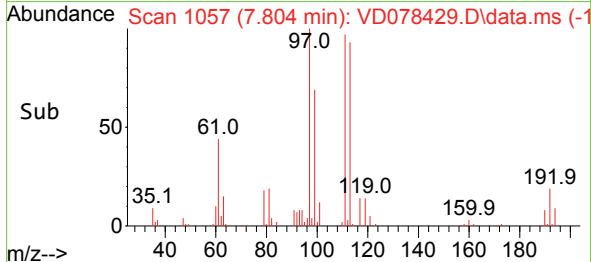
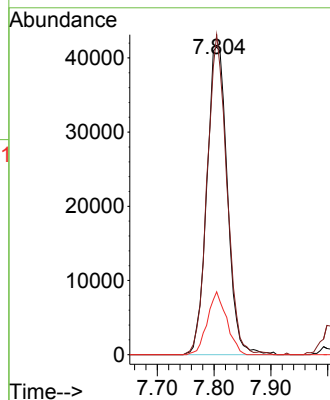
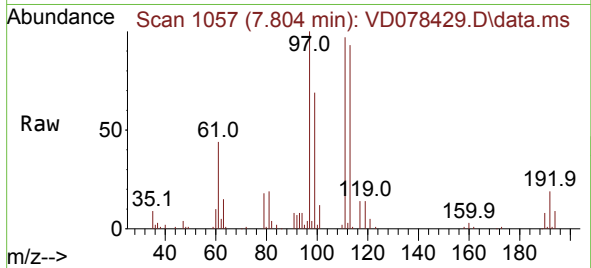




#35
Dibromofluoromethane
Concen: 52.157 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

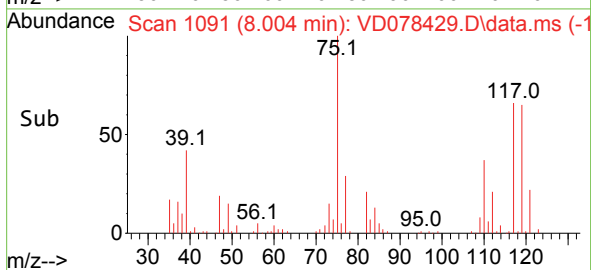
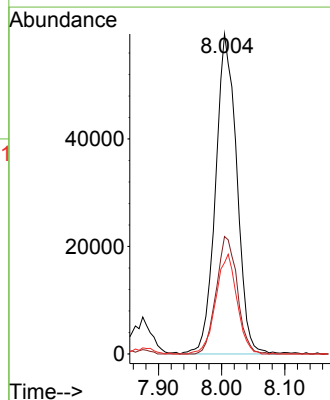
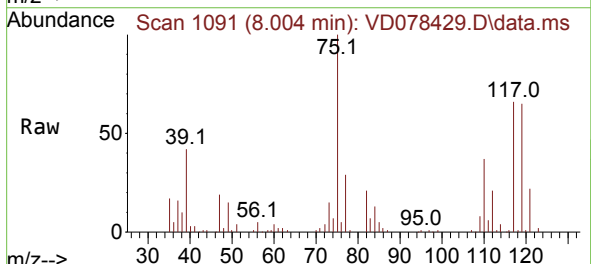
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

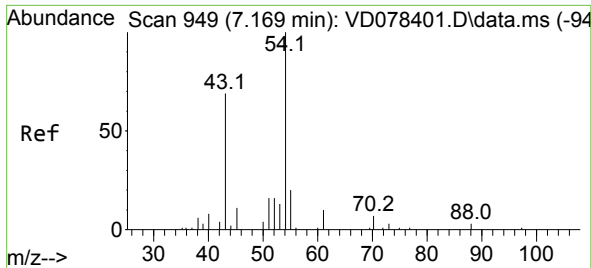
Tgt Ion:113 Resp: 104344
Ion Ratio Lower Upper
113 100
111 98.6 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 44.794 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 75 Resp: 139213
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 31.1 24.7 37.1

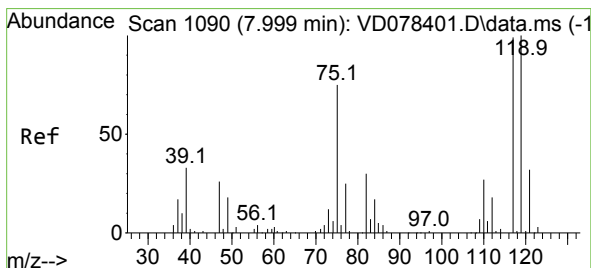
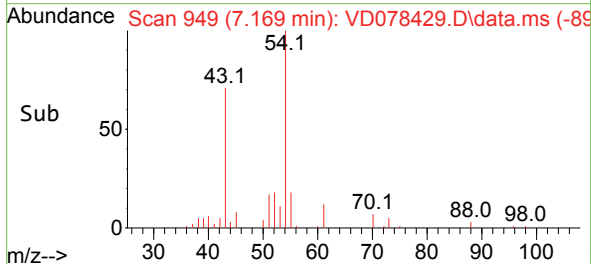
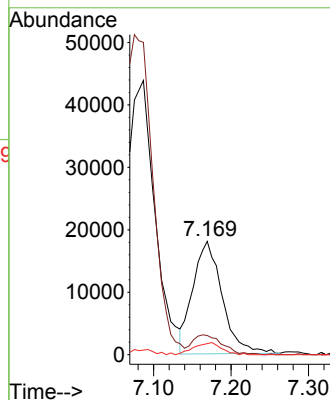
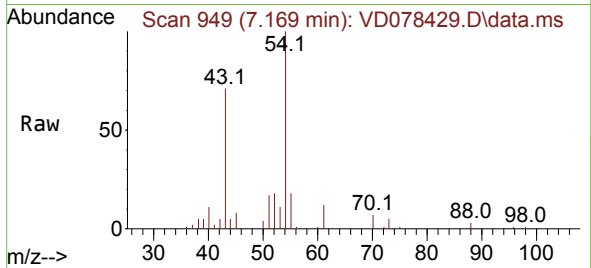




#37
Ethyl Acetate
Concen: 43.602 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

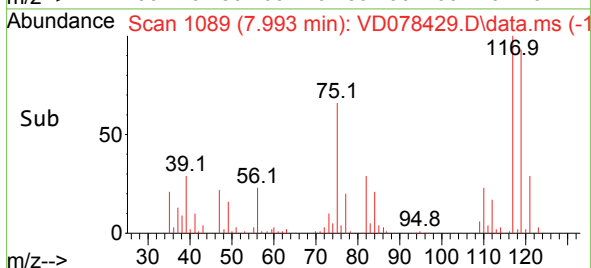
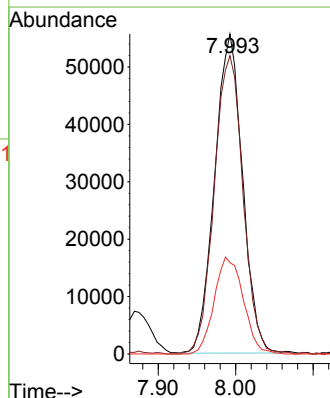
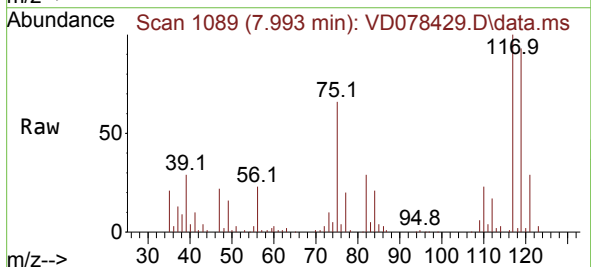
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

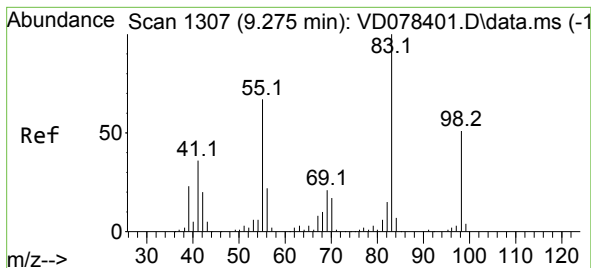
Tgt Ion:	43	Resp:	47502
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.9	22.3
70	10.1	10.0	15.0



#38
Carbon Tetrachloride
Concen: 45.239 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:	117	Resp:	139236
Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.0	117.0
121	28.6	24.2	36.2





#39

Methylcyclohexane

Concen: 45.038 ug/l

RT: 9.275 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

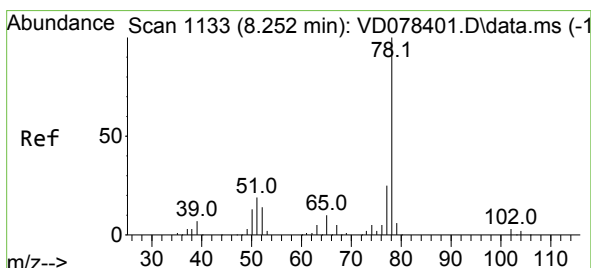
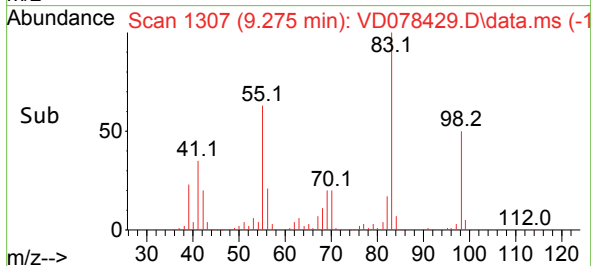
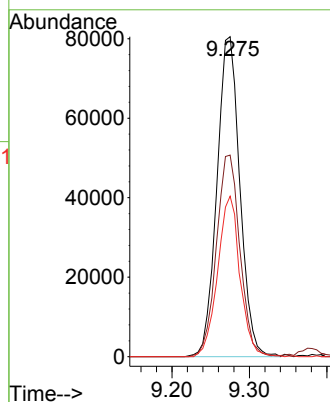
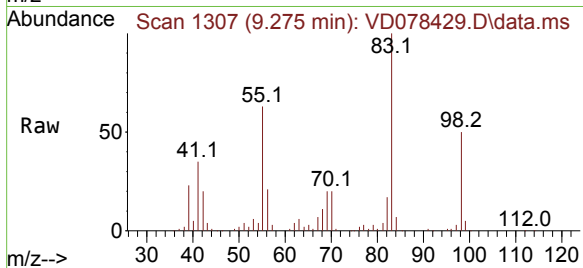
Tgt Ion: 83 Resp: 166171

Ion Ratio Lower Upper

83 100

55 63.0 49.4 74.0

98 50.2 38.4 57.6



#40

Benzene

Concen: 45.822 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD078429.D

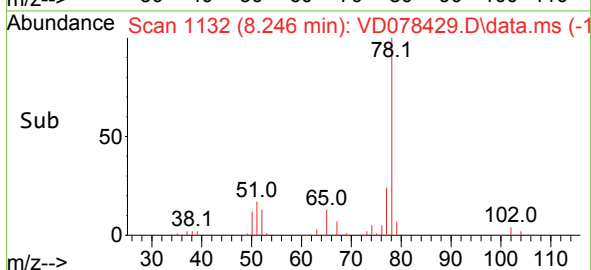
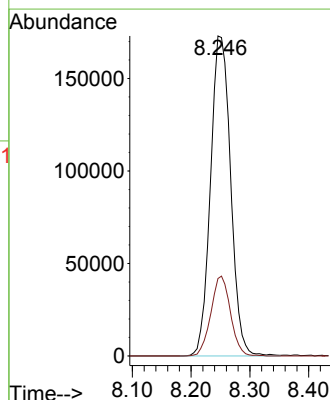
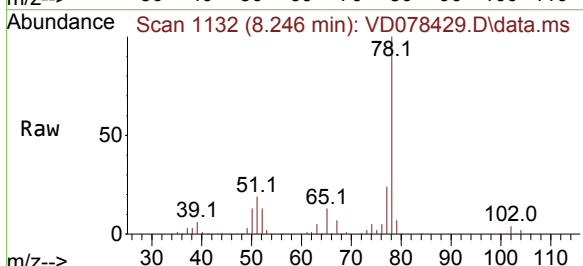
Acq: 15 Feb 2024 11:35

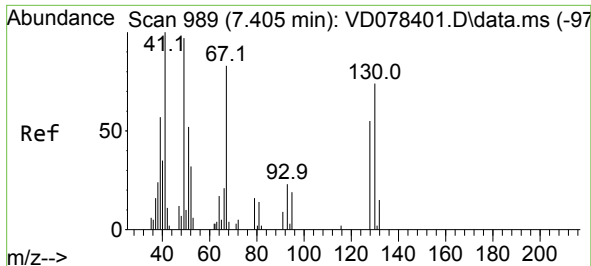
Tgt Ion: 78 Resp: 411628

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

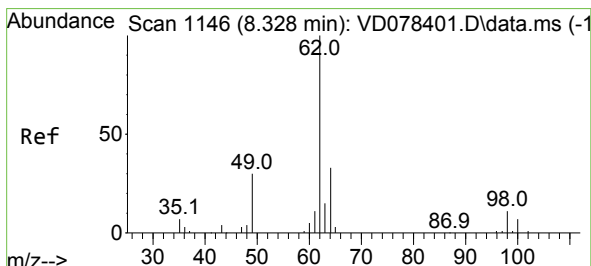
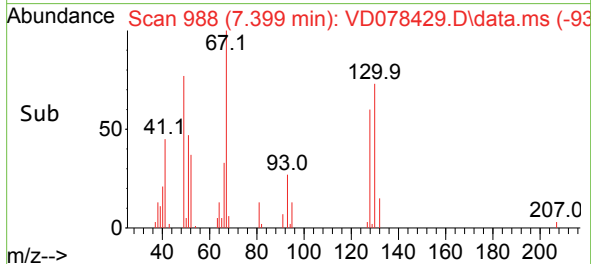
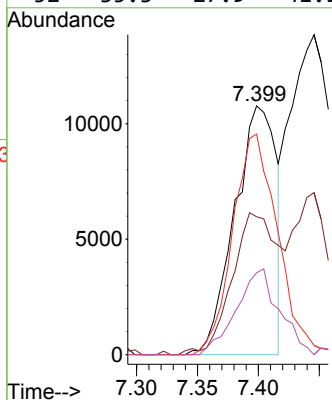
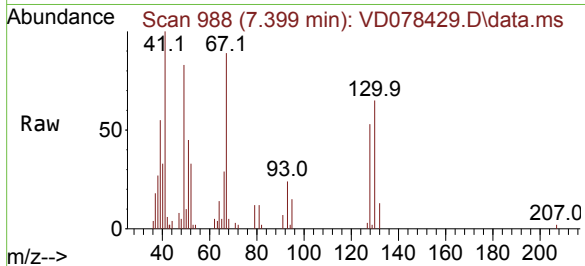




#41
Methacrylonitrile
Concen: 45.264 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

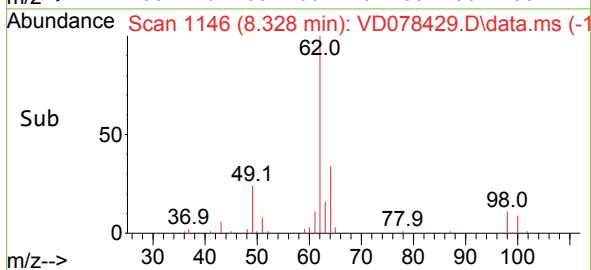
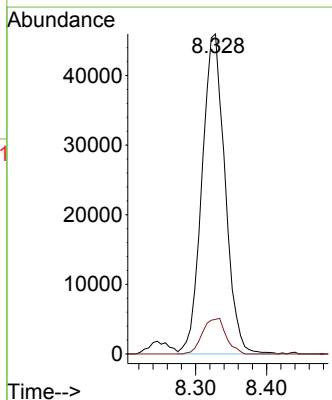
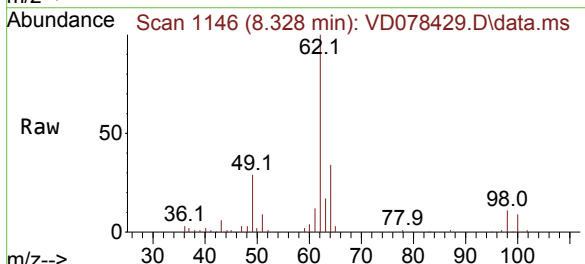
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

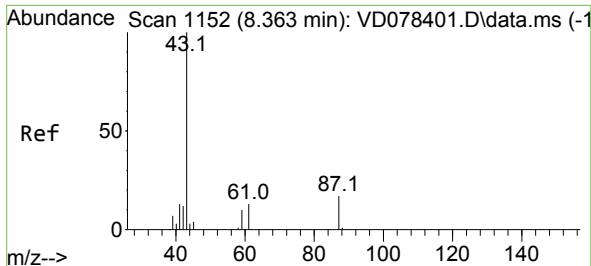
Tgt Ion:	41	Resp:	25664
Ion	Ratio	Lower	Upper
41	100		
39	64.8	34.0	51.0#
67	95.6	77.0	115.4
52	35.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 44.613 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:	62	Resp:	103698
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

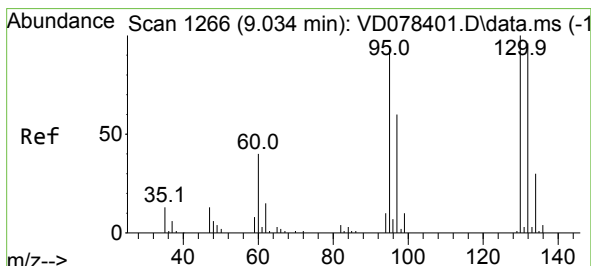
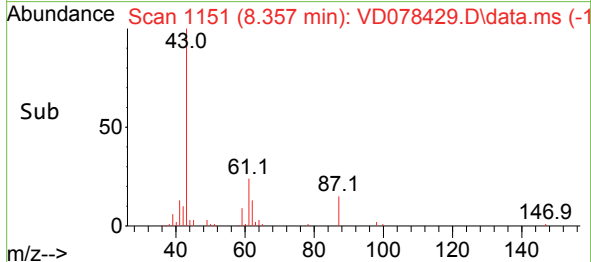
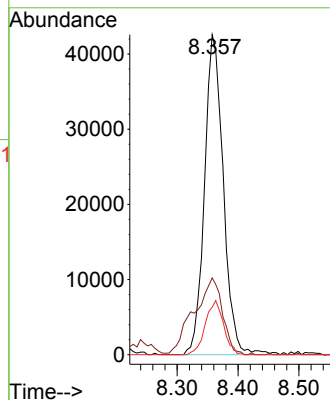
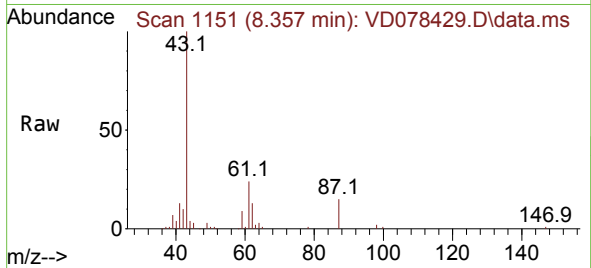




#43
Isopropyl Acetate
Concen: 45.418 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

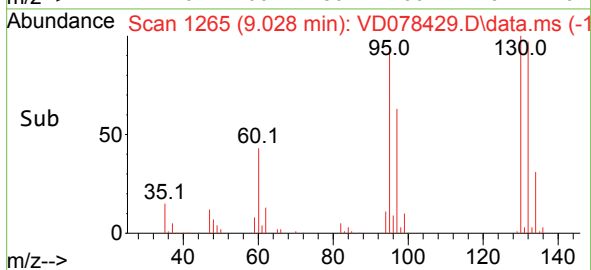
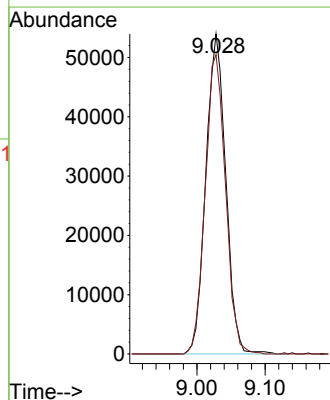
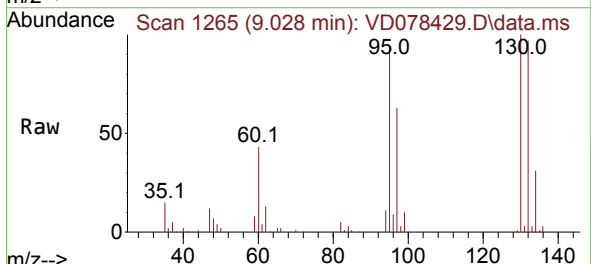
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

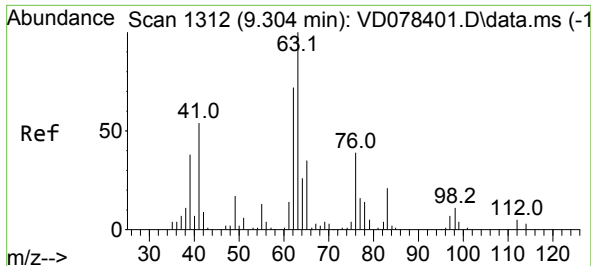
Tgt Ion:	43	Resp:	91625
Ion	Ratio	Lower	Upper
43	100		
61	36.2	31.4	47.0
87	16.4	14.9	22.3



#44
Trichloroethene
Concen: 47.795 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:	130	Resp:	109534
Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	179.2





#45

1,2-Dichloropropane

Concen: 44.411 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

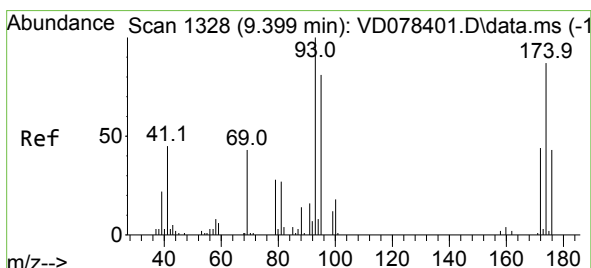
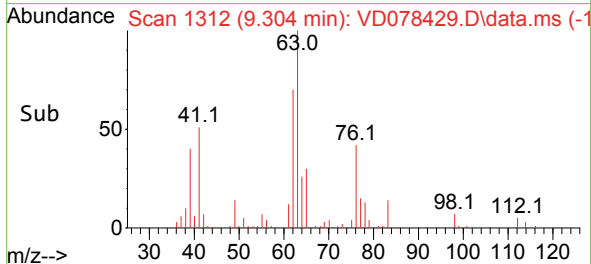
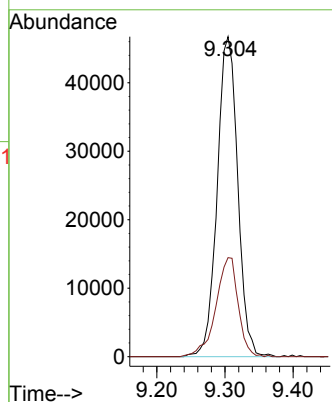
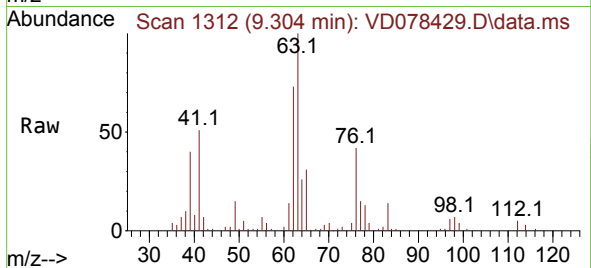
VSTDCCC050

Tgt Ion: 63 Resp: 97883

Ion Ratio Lower Upper

63 100

65 31.0 24.5 36.7



#46

Dibromomethane

Concen: 47.271 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

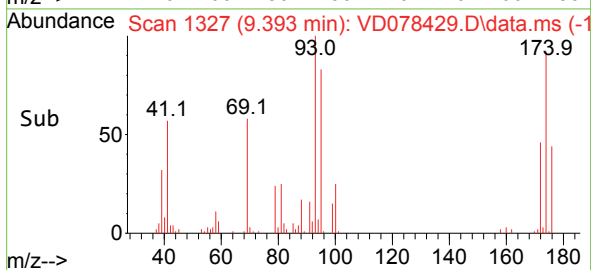
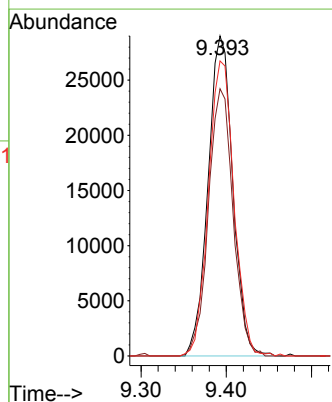
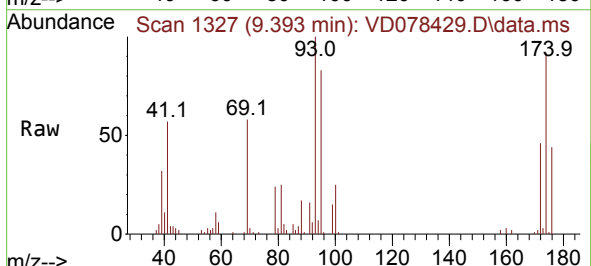
Tgt Ion: 93 Resp: 58603

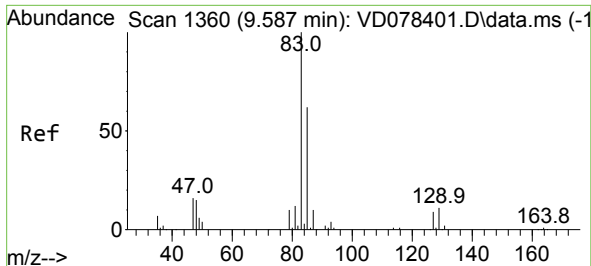
Ion Ratio Lower Upper

93 100

95 83.0 67.7 101.5

174 94.9 85.4 128.2

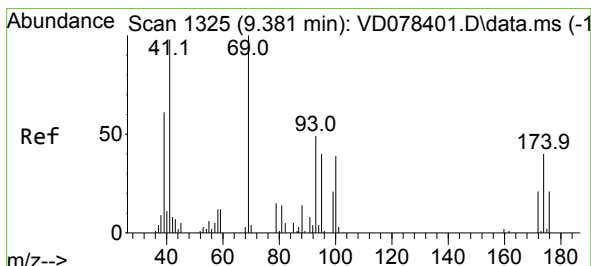
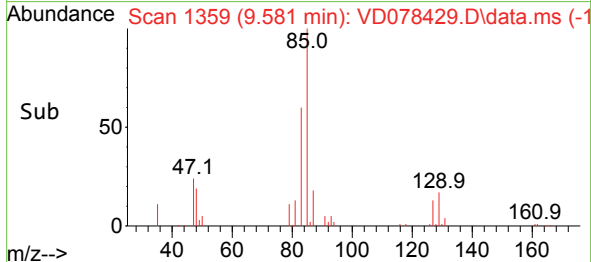
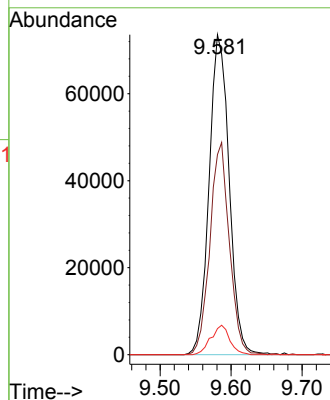
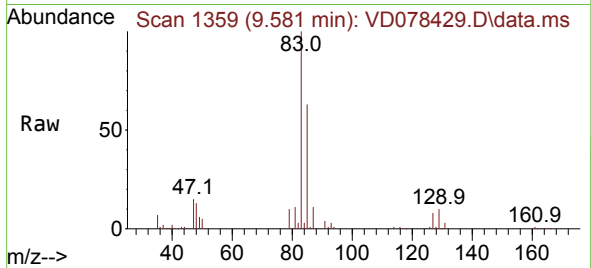




#47
Bromodichloromethane
Concen: 46.964 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

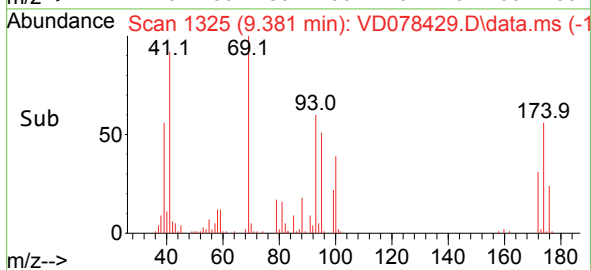
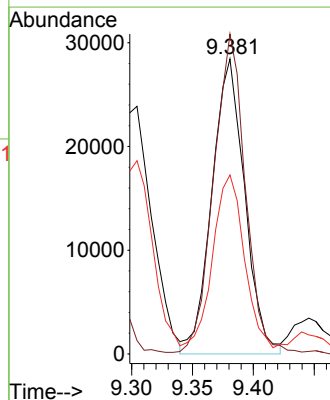
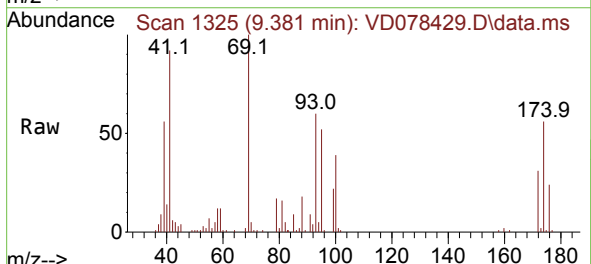
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

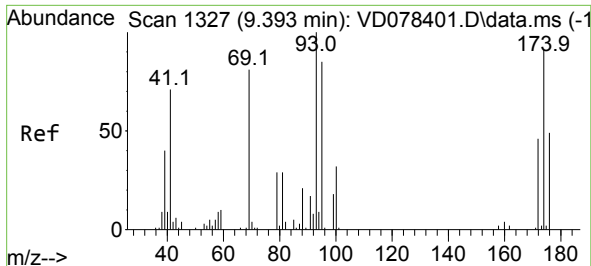
Tgt Ion: 83 Resp: 144206
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 49.815 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 41 Resp: 53317
Ion Ratio Lower Upper
41 100
69 105.6 102.2 153.2
39 56.3 41.4 62.2





#49

1,4-Dioxane

Concen: 948.563 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

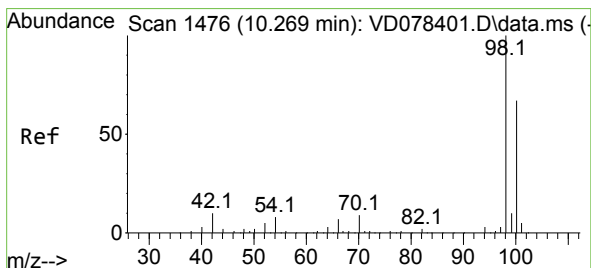
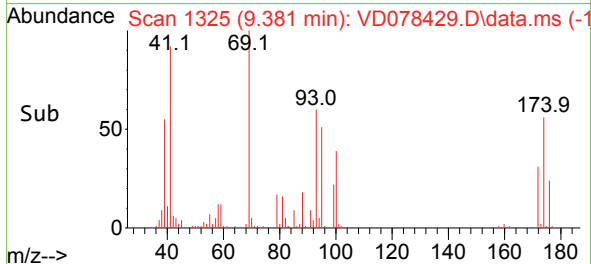
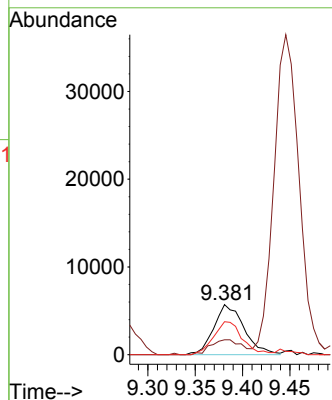
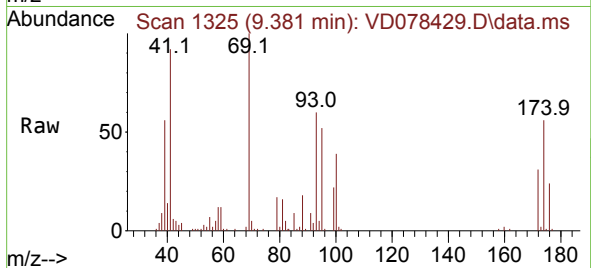
Tgt Ion: 88 Resp: 12735

Ion Ratio Lower Upper

88 100

43 31.3 19.0 28.6#

58 62.2 43.5 65.3



#50

Toluene-d8

Concen: 50.612 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078429.D

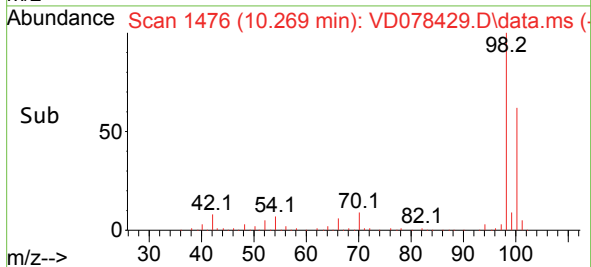
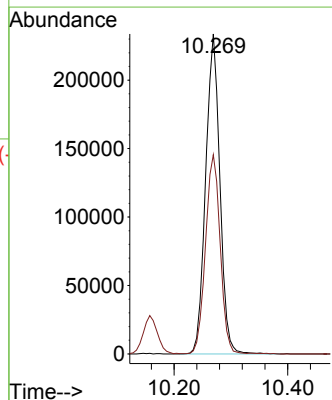
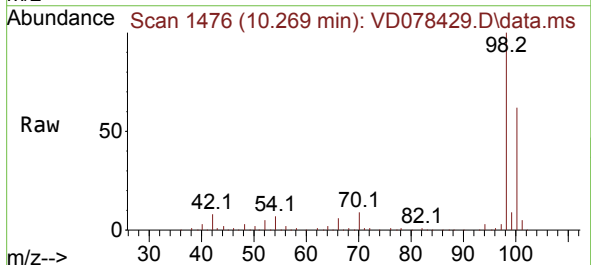
Acq: 15 Feb 2024 11:35

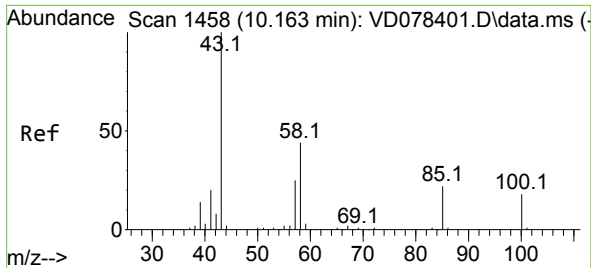
Tgt Ion: 98 Resp: 405038

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

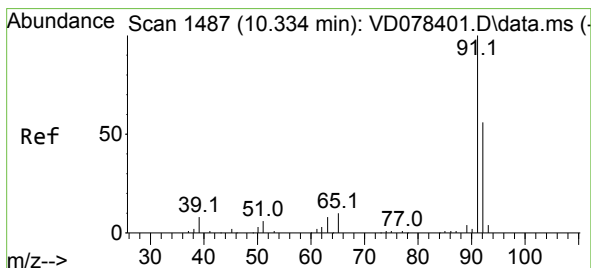
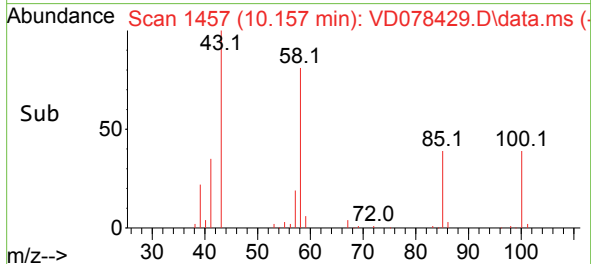
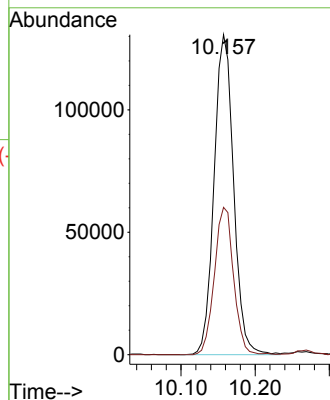
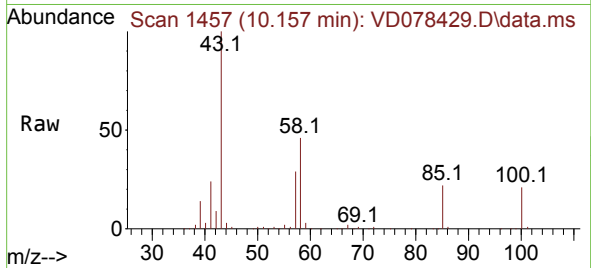




#51
4-Methyl-2-Pentanone
Concen: 223.134 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

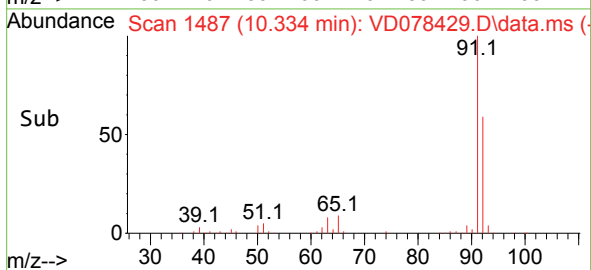
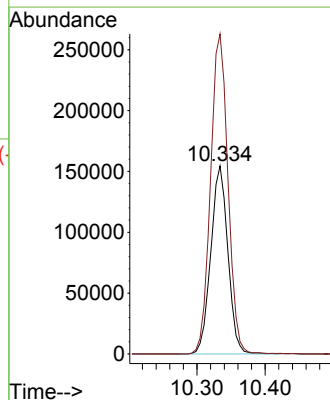
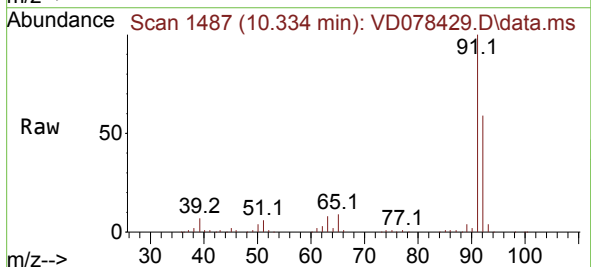
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

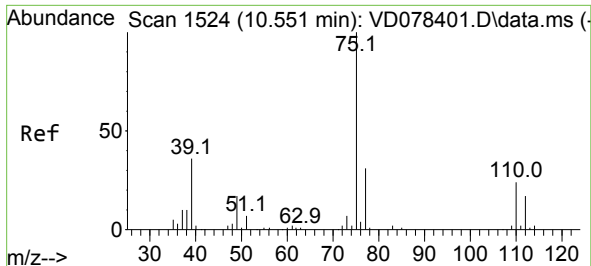
Tgt Ion: 43 Resp: 238916
Ion Ratio Lower Upper
43 100
58 45.4 38.9 58.3



#52
Toluene
Concen: 47.460 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 92 Resp: 269610
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4

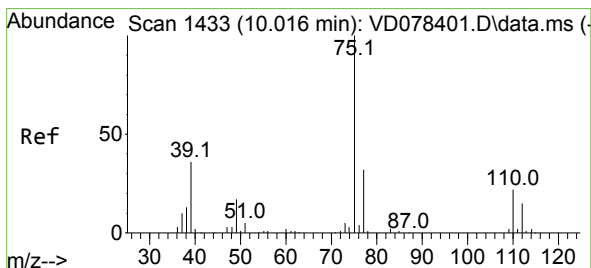
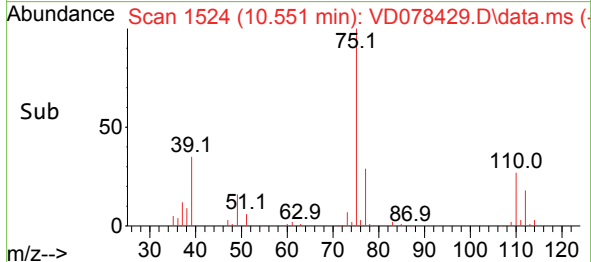
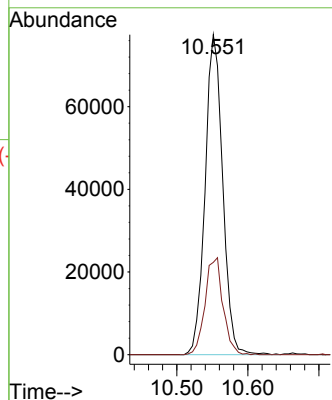
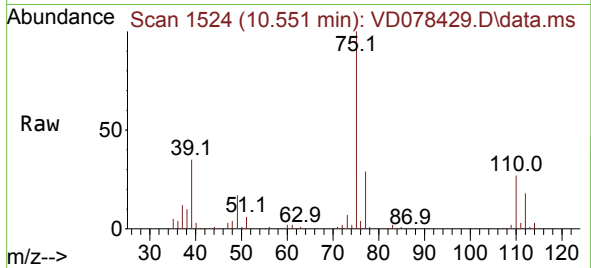




#53
t-1,3-Dichloropropene
Concen: 47.677 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

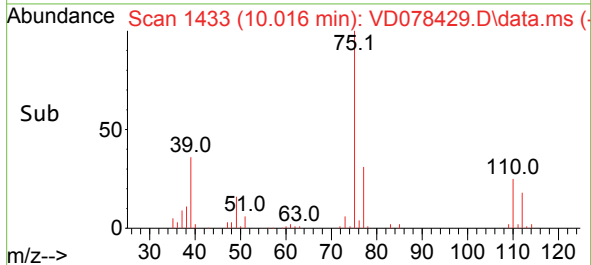
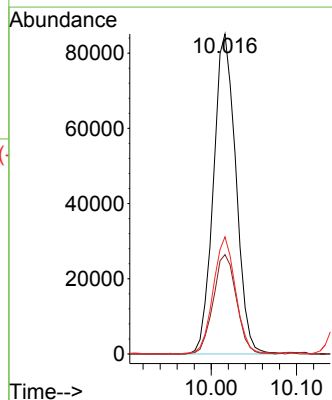
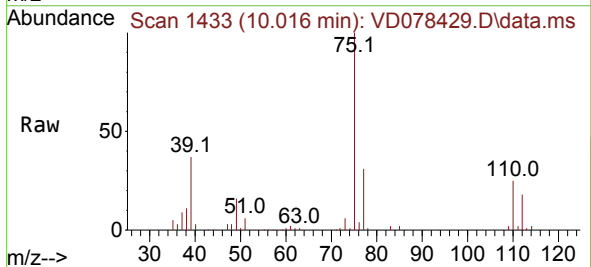
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

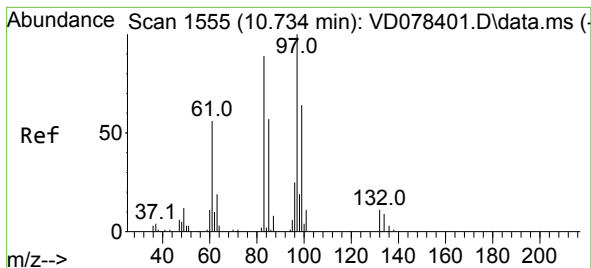
Tgt Ion: 75 Resp: 133581
Ion Ratio Lower Upper
75 100
77 28.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.781 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 75 Resp: 155536
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 36.6 22.1 33.1#

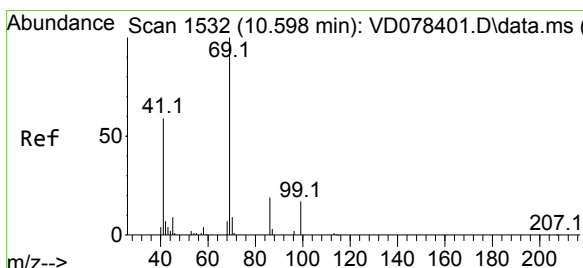
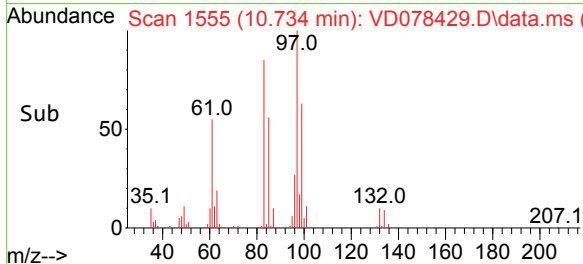
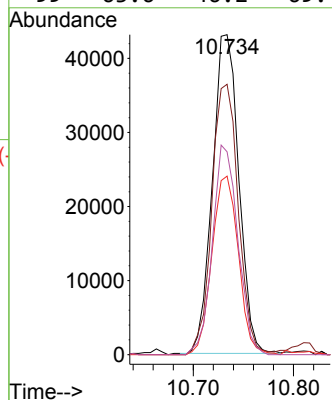
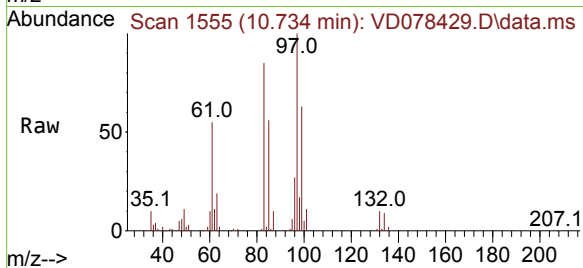




#55
1,1,2-Trichloroethane
Concen: 47.097 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

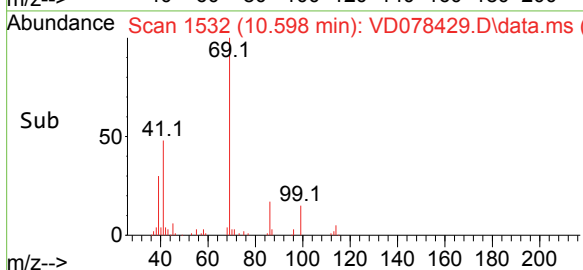
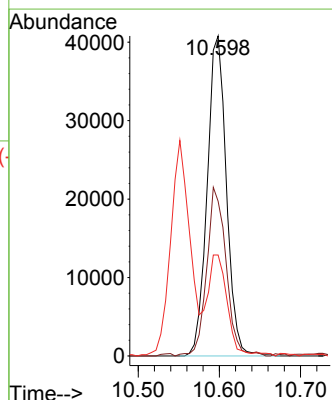
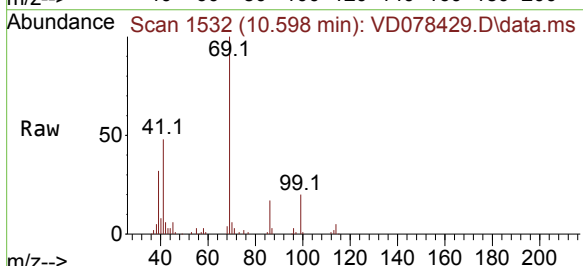
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

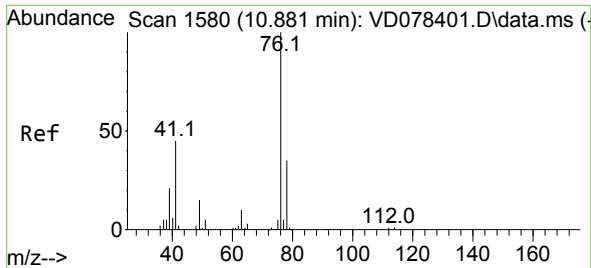
Tgt Ion:	97	Resp:	78629
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.8	98.6
85	56.0	45.7	68.5
99	63.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 43.465 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:	69	Resp:	67112
Ion	Ratio	Lower	Upper
69	100		
41	53.2	39.1	58.7
39	33.3	20.0	30.0#

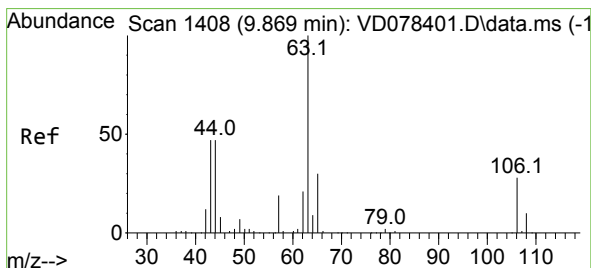
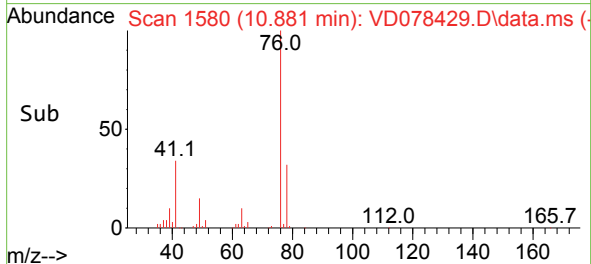
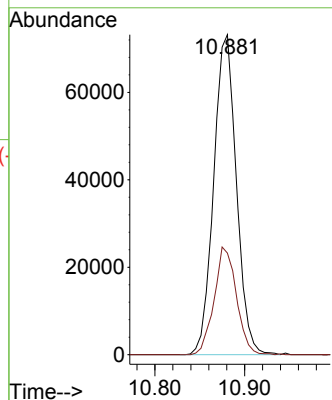
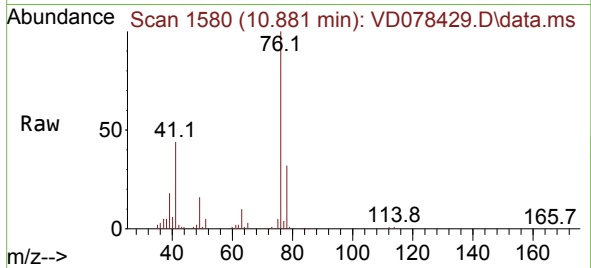




#57
1,3-Dichloropropane
Concen: 45.195 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

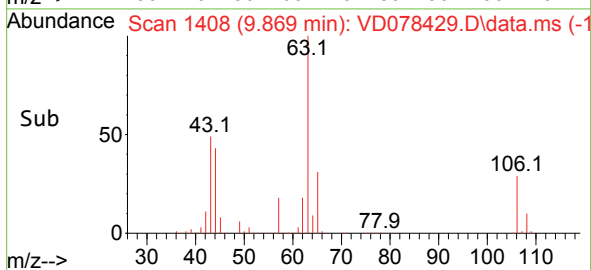
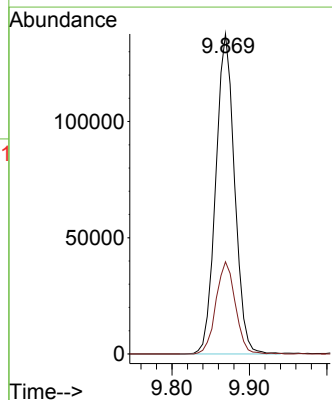
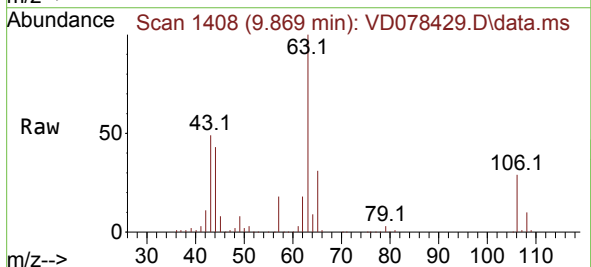
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

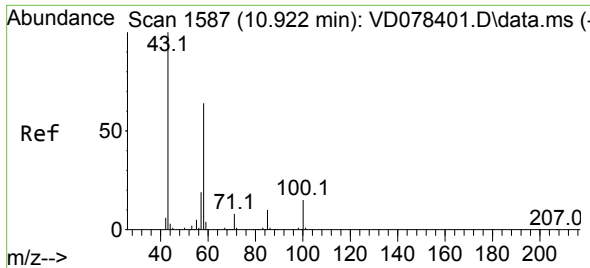
Tgt Ion: 76 Resp: 128350
Ion Ratio Lower Upper
76 100
78 33.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 254.995 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

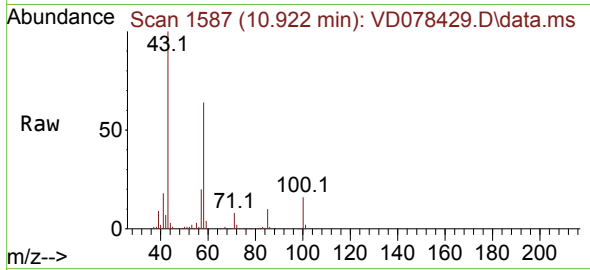
Tgt Ion: 63 Resp: 231921
Ion Ratio Lower Upper
63 100
106 29.7 25.3 37.9



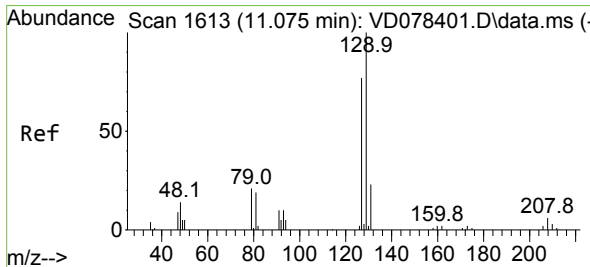
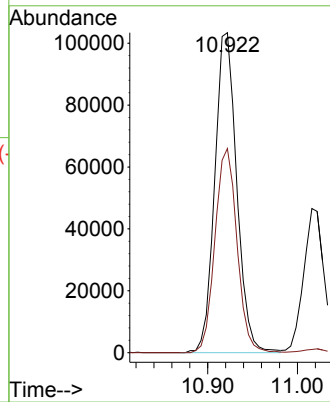
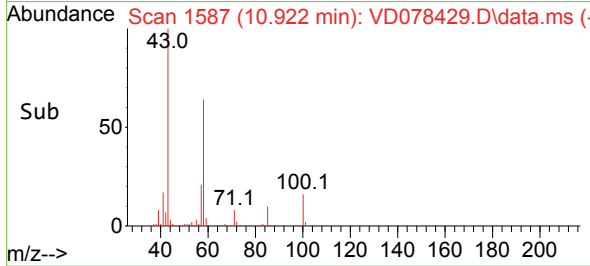


#59
2-Hexanone
Concen: 219.001 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

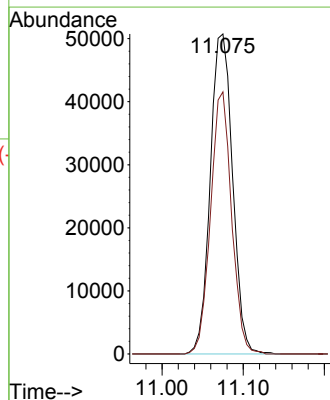
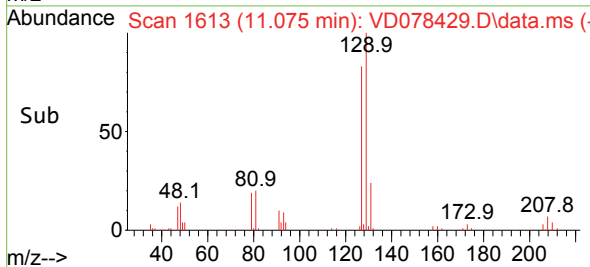
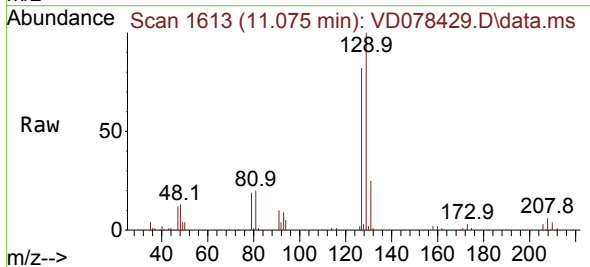


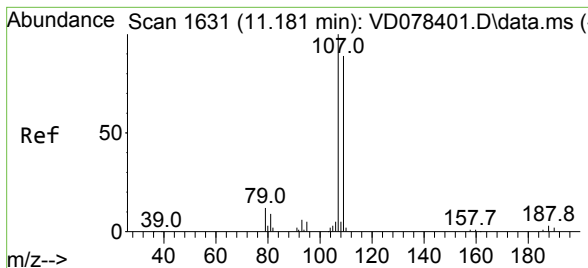
Tgt Ion: 43 Resp: 176222
Ion Ratio Lower Upper
43 100
58 63.9 34.1 102.2



#60
Dibromochloromethane
Concen: 48.212 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 129 Resp: 96844
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

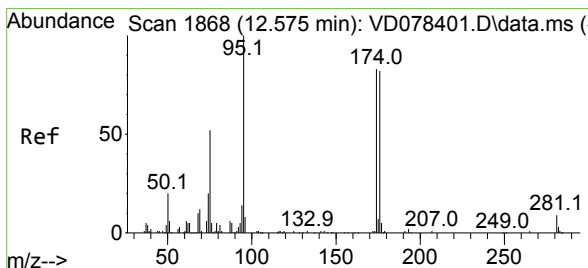
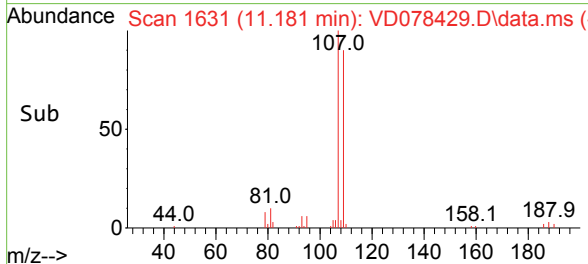
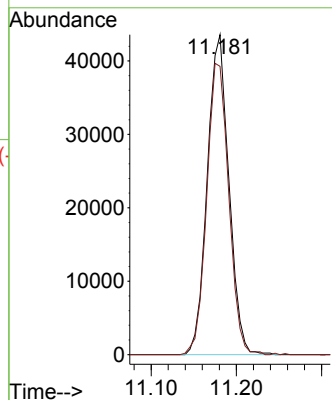
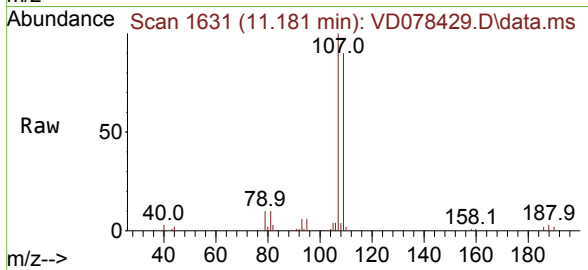




#61
1,2-Dibromoethane
Concen: 48.994 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

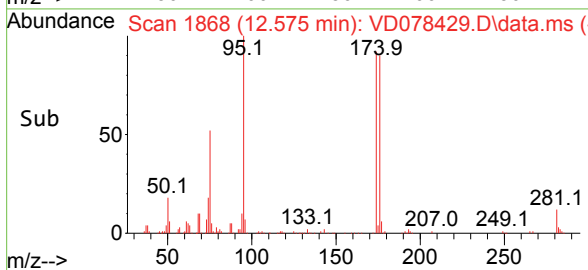
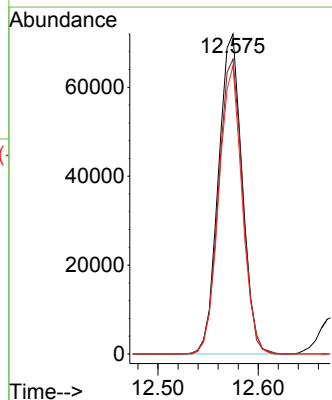
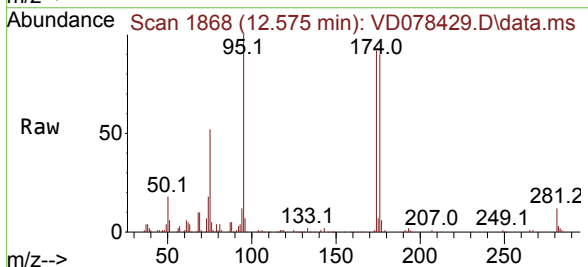
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

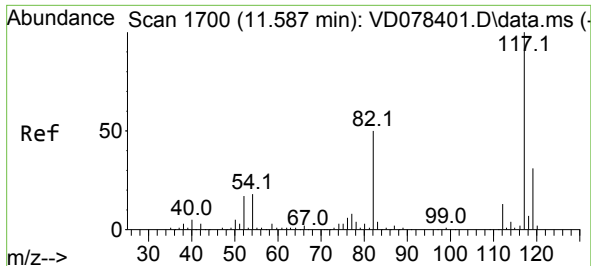
Tgt Ion:107 Resp: 76790
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.708 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 95 Resp: 118092
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 88.3 0.0 191.8

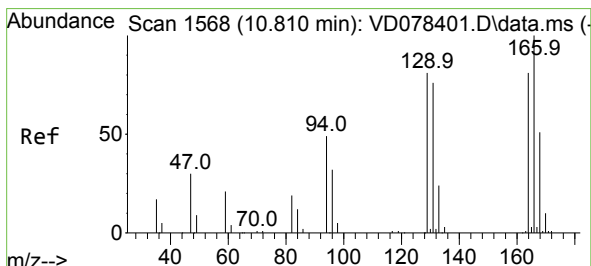
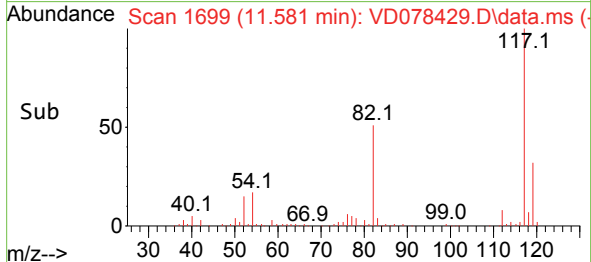
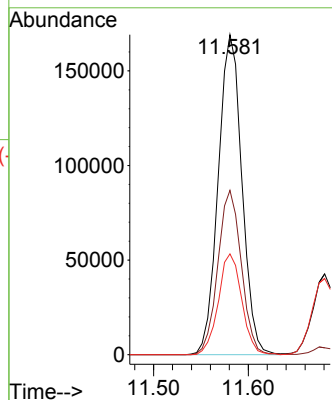
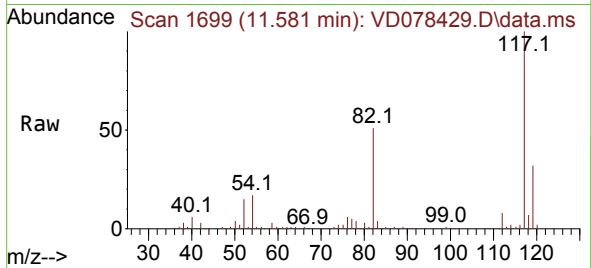




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

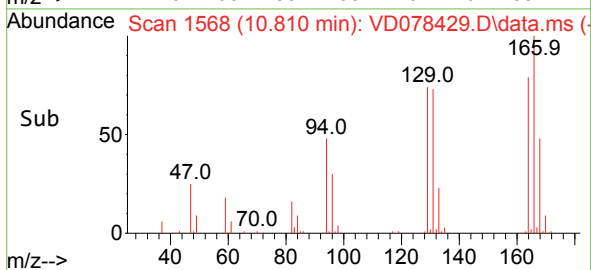
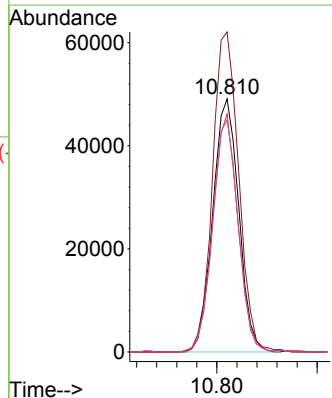
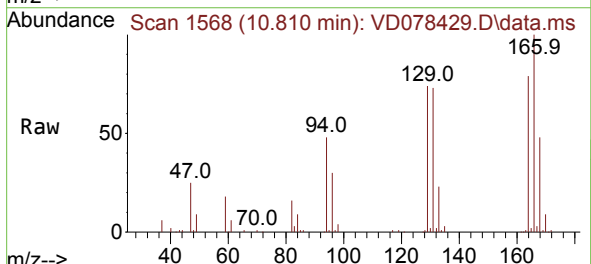
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

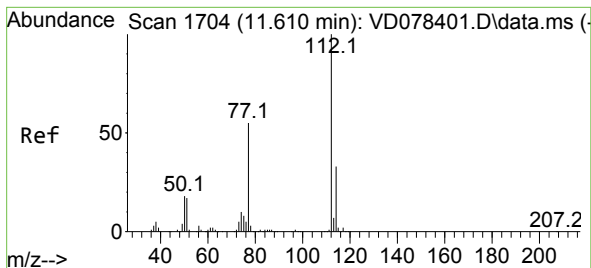
Tgt Ion:117 Resp: 294361
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 47.458 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:164 Resp: 88237
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 94.0 68.4 102.6
131 91.7 63.8 95.8

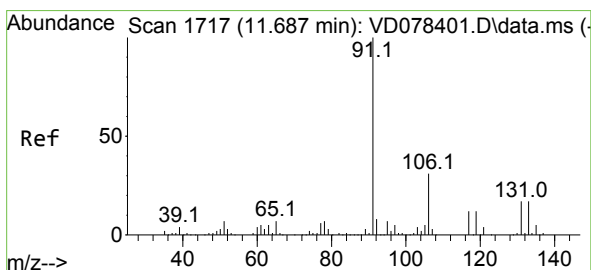
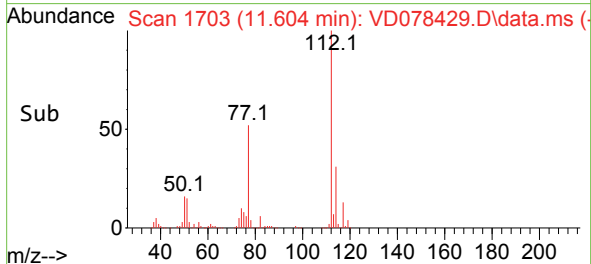
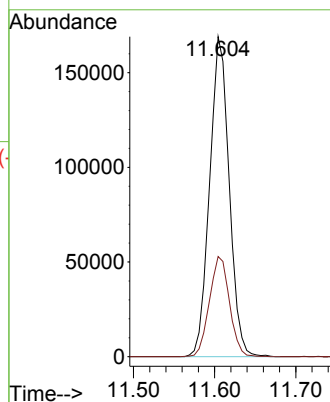
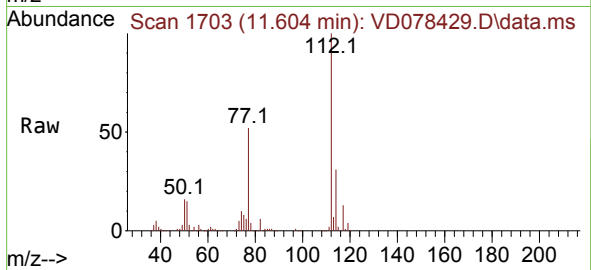




#65
Chlorobenzene
Concen: 47.696 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

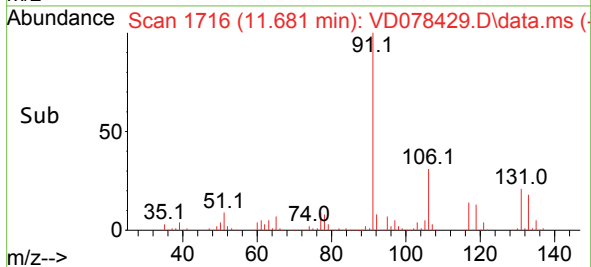
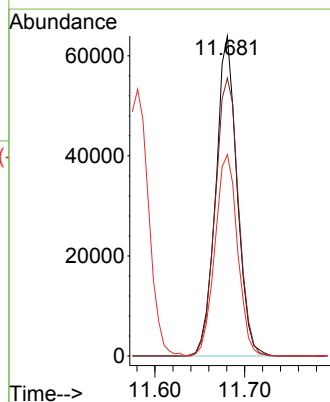
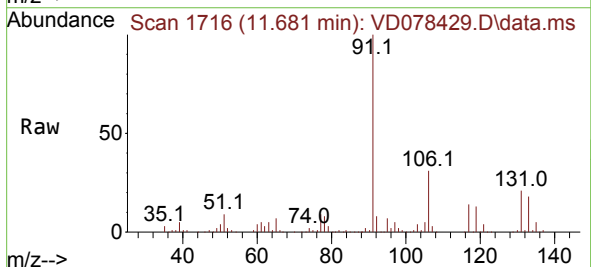
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

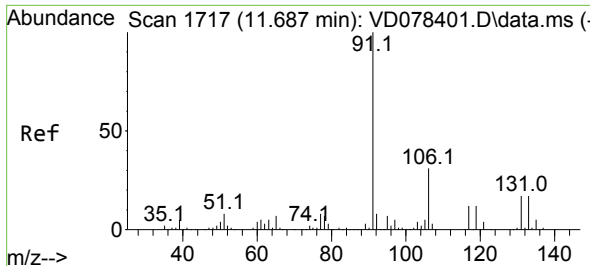
Tgt Ion:112 Resp: 282257
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.378 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:131 Resp: 105212
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 66.8 35.6 106.9

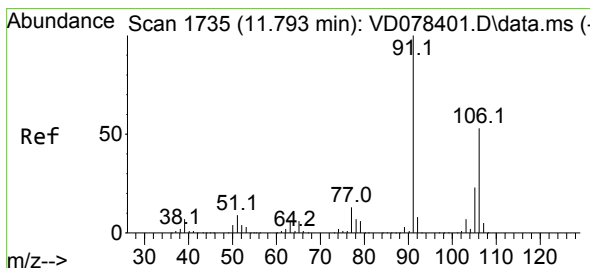
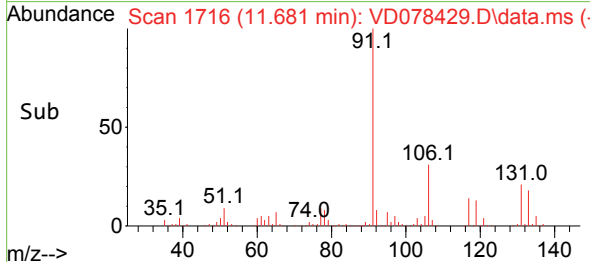
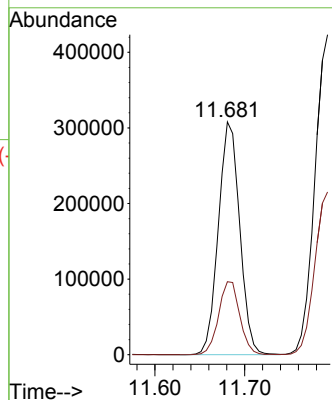
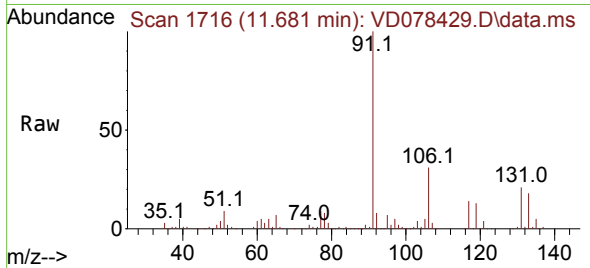




#67
Ethyl Benzene
Concen: 47.939 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

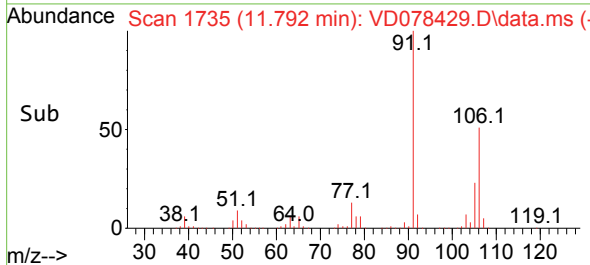
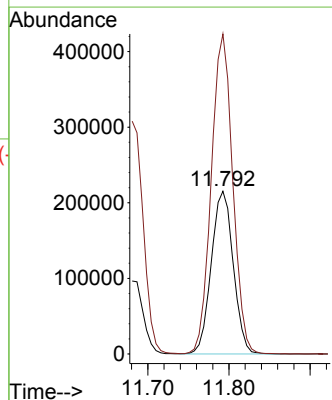
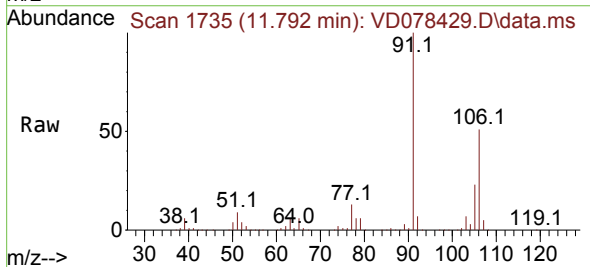
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

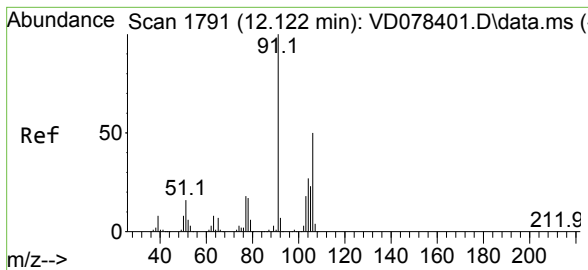
Tgt Ion: 91 Resp: 508307
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7



#68
m/p-Xylenes
Concen: 97.786 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 106 Resp: 404438
Ion Ratio Lower Upper
106 100
91 192.1 147.0 220.6

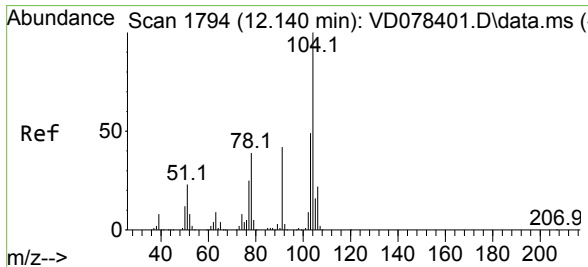
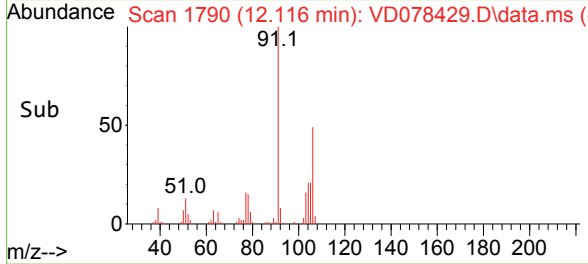
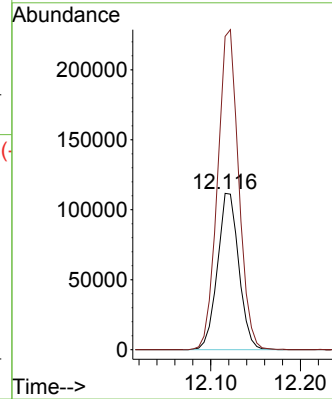
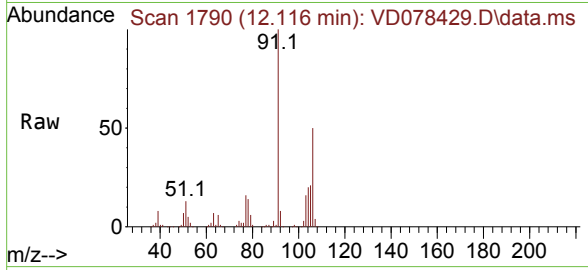




#69
o-Xylene
Concen: 48.830 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

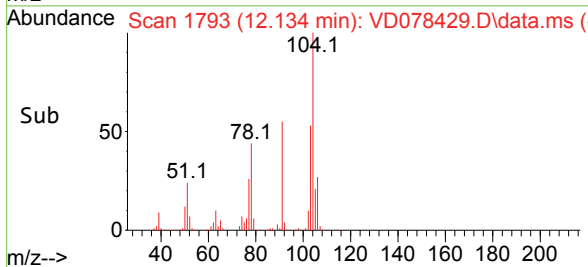
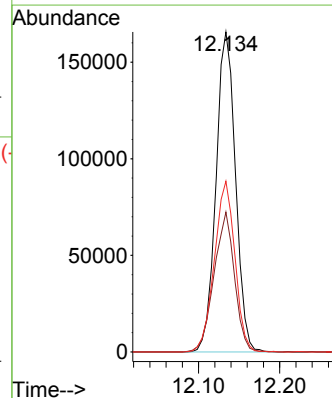
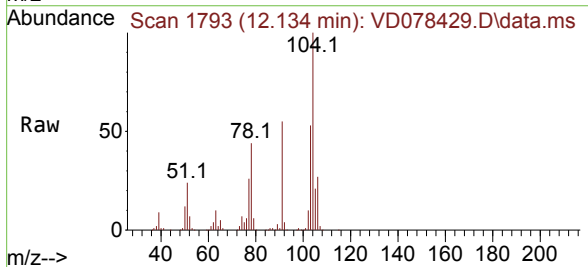
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

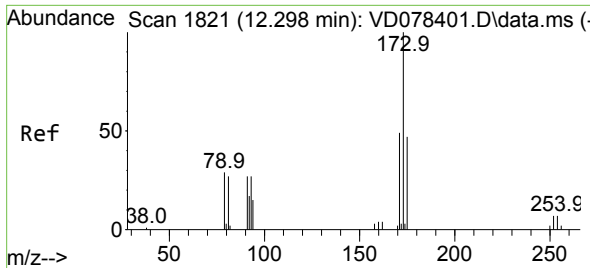
Tgt Ion:106 Resp: 184301
Ion Ratio Lower Upper
106 100
91 202.7 97.9 293.6



#70
Styrene
Concen: 44.868 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:104 Resp: 276381
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 56.3 43.6 65.4

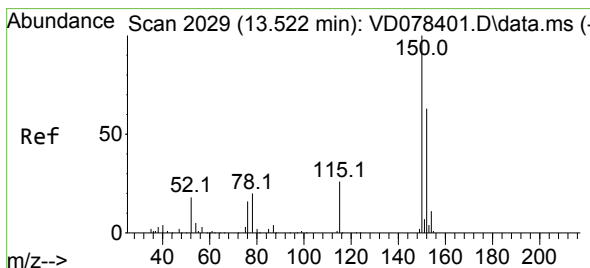
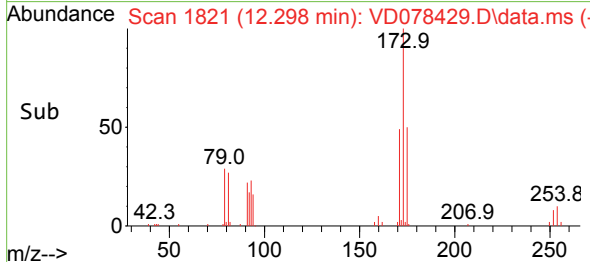
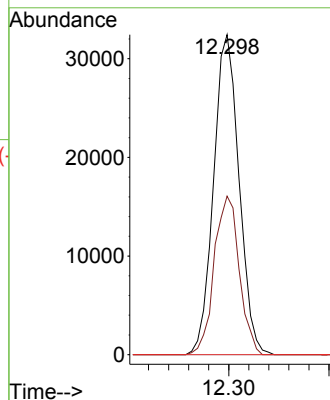
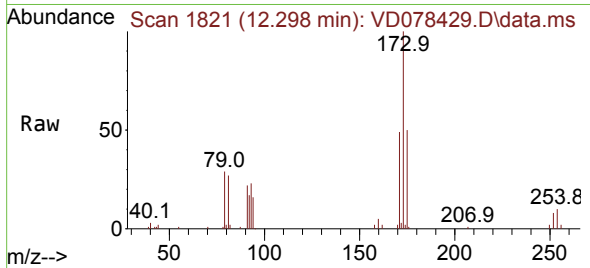




#71
Bromoform
Concen: 49.910 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

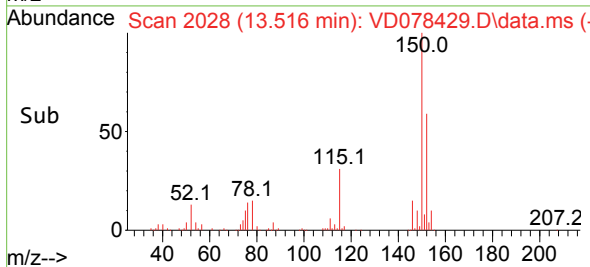
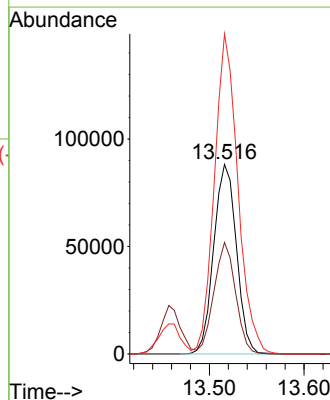
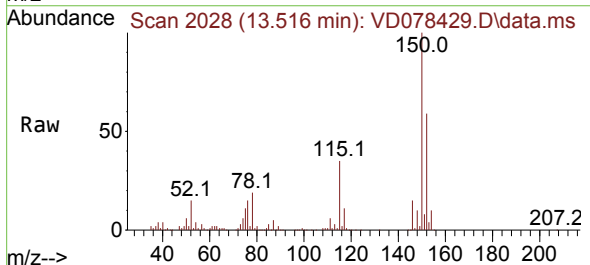
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

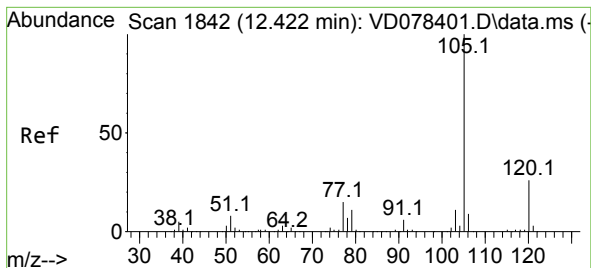
Tgt Ion:173 Resp: 57131
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:152 Resp: 146769
Ion Ratio Lower Upper
152 100
115 56.0 27.1 81.3
150 175.1 0.0 353.6





#73

Isopropylbenzene

Concen: 49.230 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

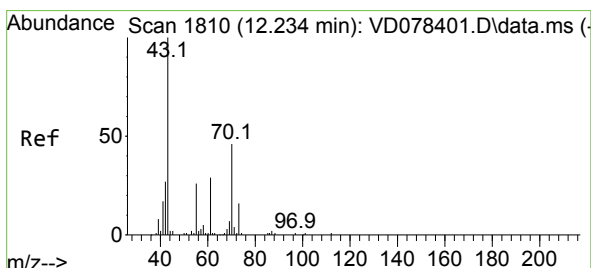
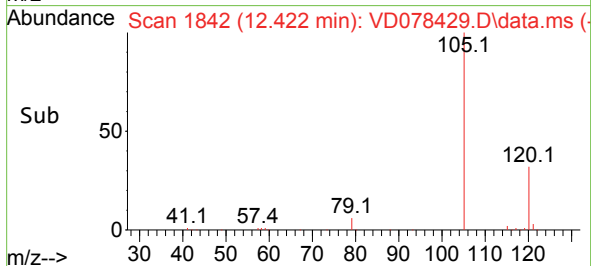
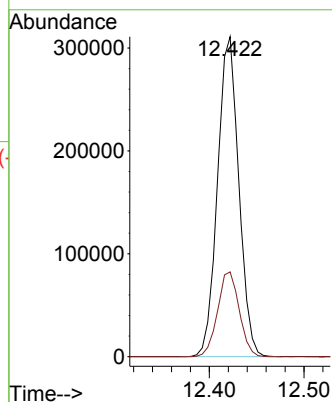
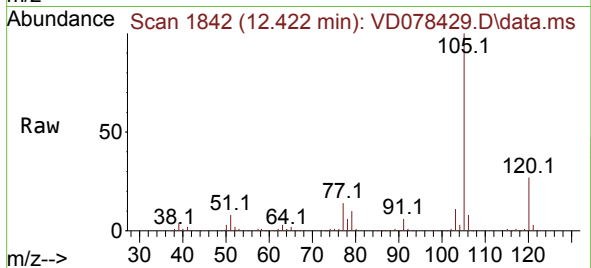
VSTDCCC050

Tgt Ion:105 Resp: 485182

Ion Ratio Lower Upper

105 100

120 27.0 14.3 42.9



#74

N-ethyl acetate

Concen: 42.763 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Tgt Ion: 43 Resp: 79730

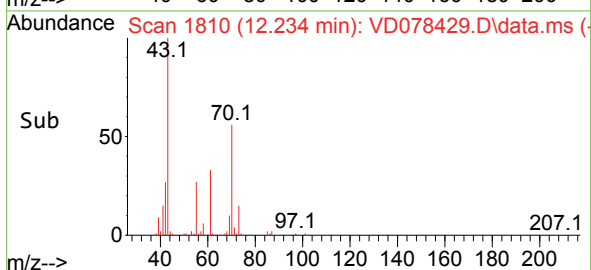
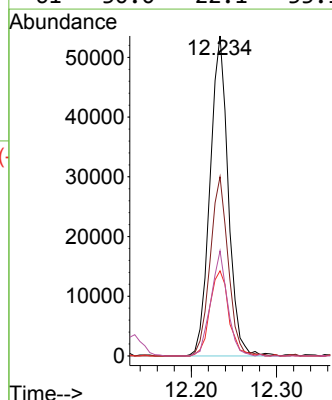
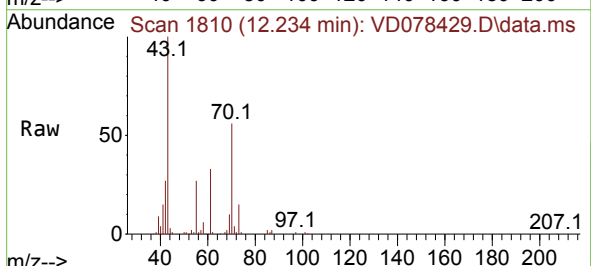
Ion Ratio Lower Upper

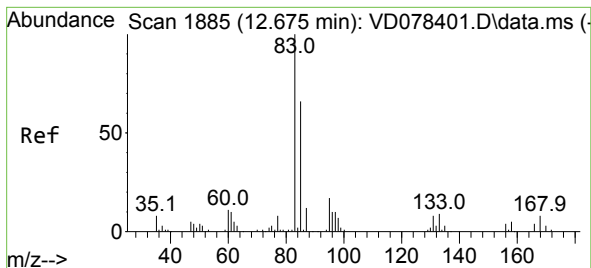
43 100

70 55.7 45.0 67.4

55 27.7 23.8 35.6

61 30.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.817 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

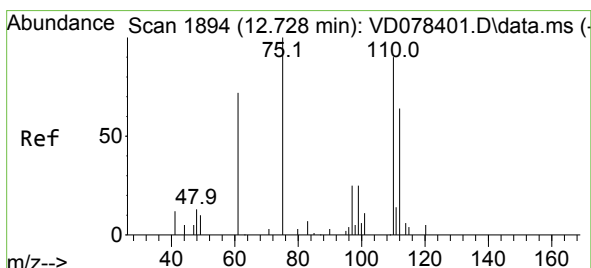
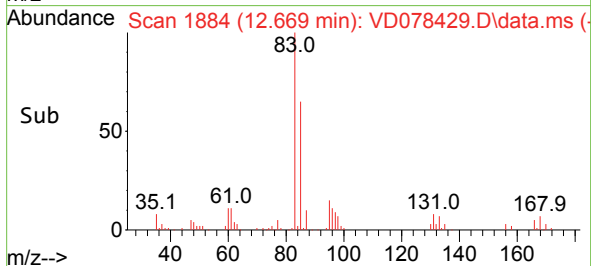
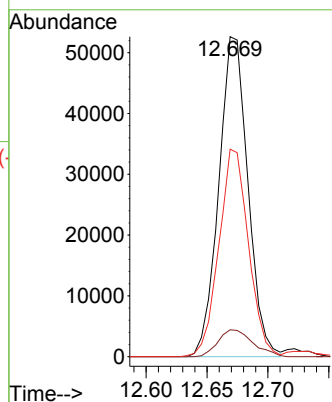
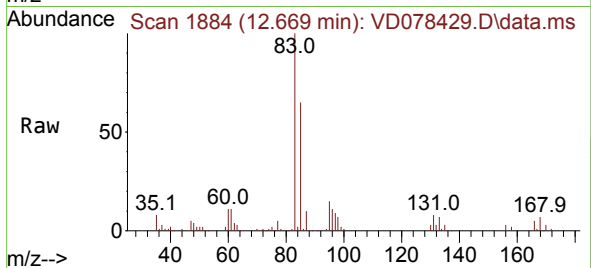
Tgt Ion: 83 Resp: 87617

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 65.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 83.534 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078429.D

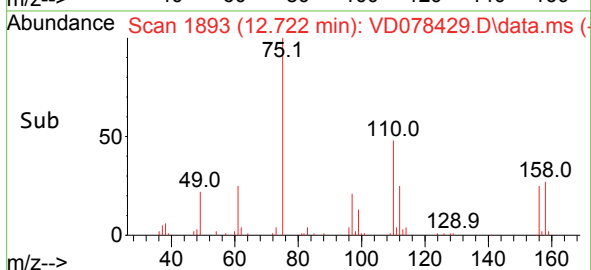
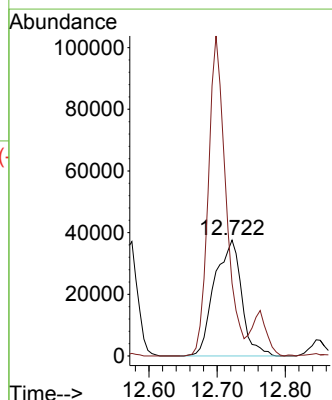
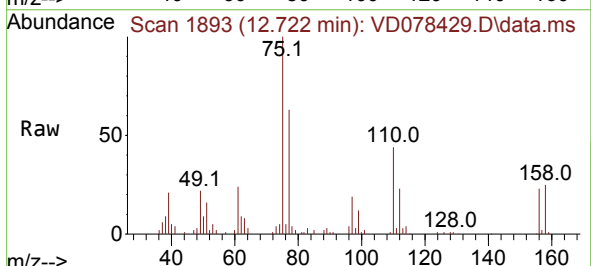
Acq: 15 Feb 2024 11:35

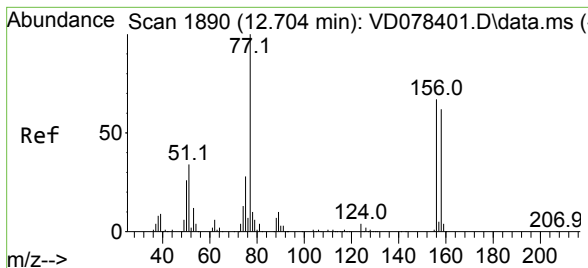
Tgt Ion: 75 Resp: 104086

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.376 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

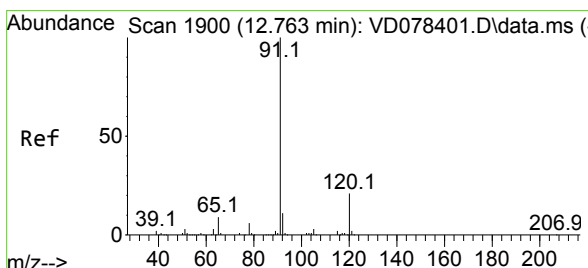
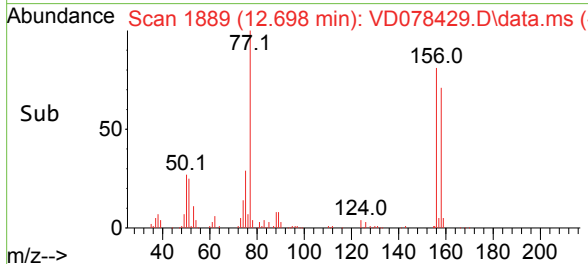
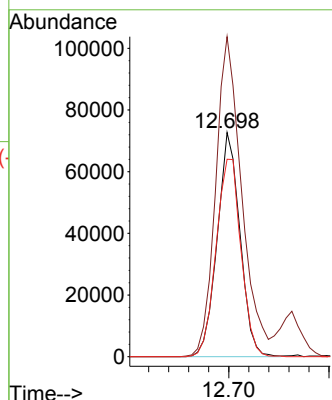
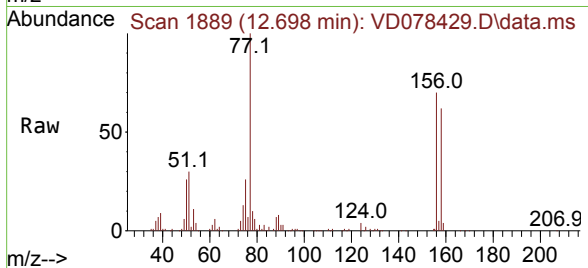
Tgt Ion:156 Resp: 114363

Ion Ratio Lower Upper

156 100

77 163.2 76.8 230.4

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 47.241 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078429.D

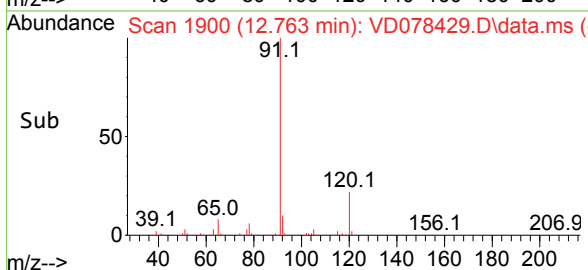
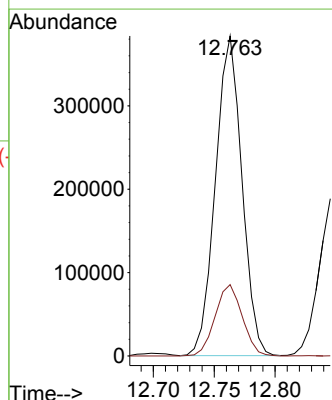
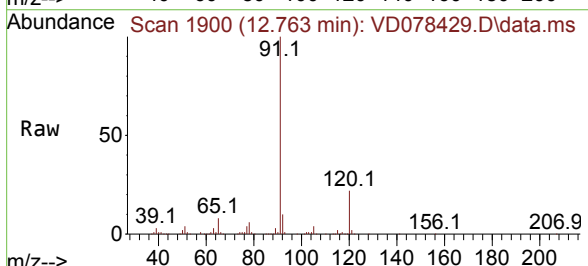
Acq: 15 Feb 2024 11:35

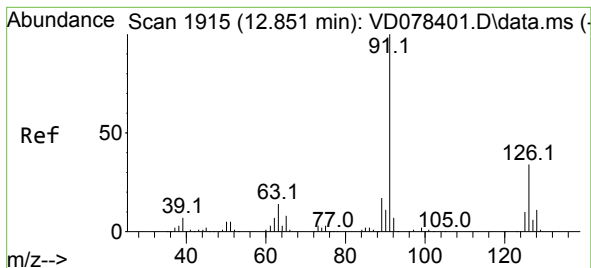
Tgt Ion: 91 Resp: 580200

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

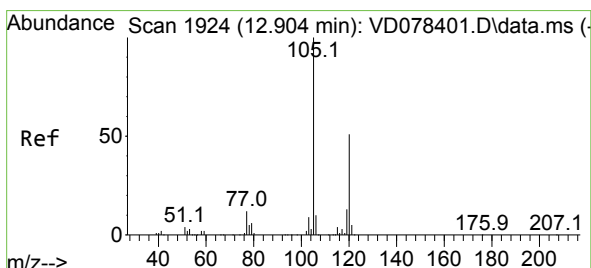
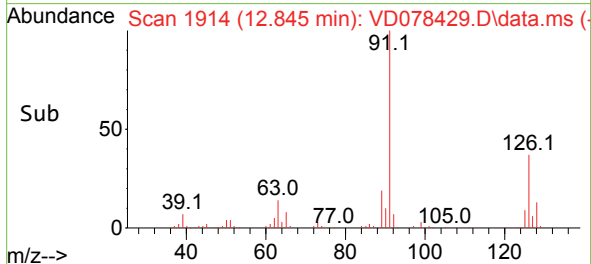
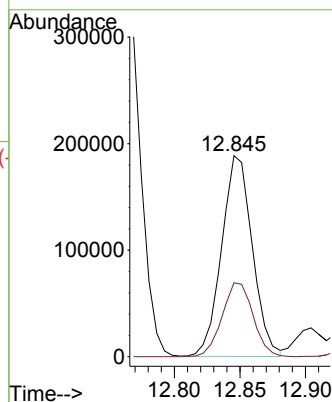
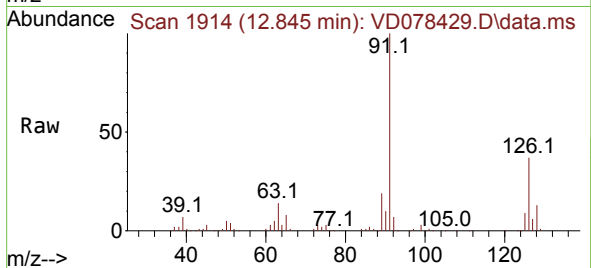




#79
2-Chlorotoluene
Concen: 46.707 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

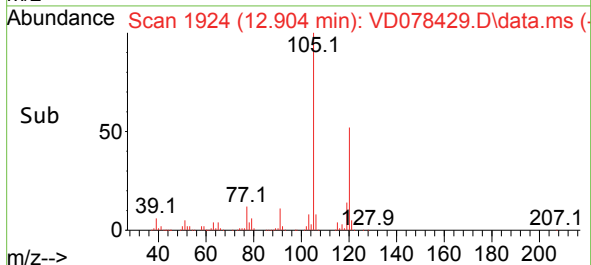
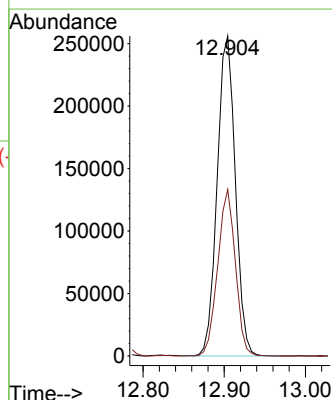
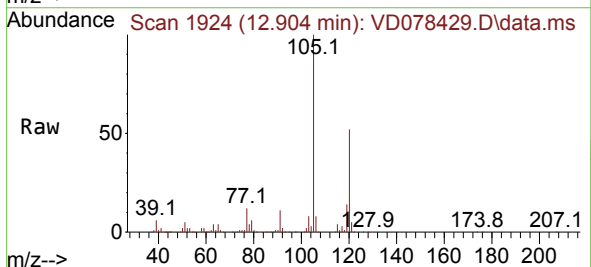
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

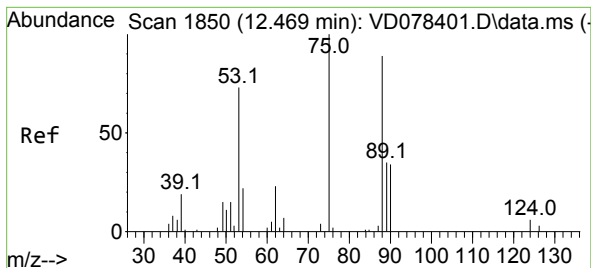
Tgt Ion: 91 Resp: 307241
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.710 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 105 Resp: 398618
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

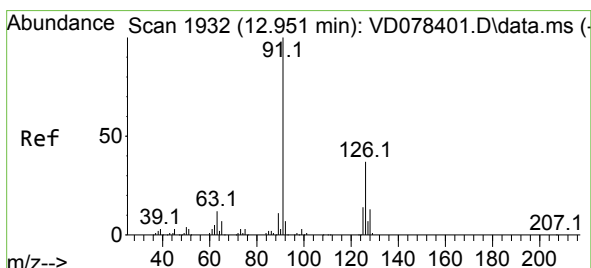
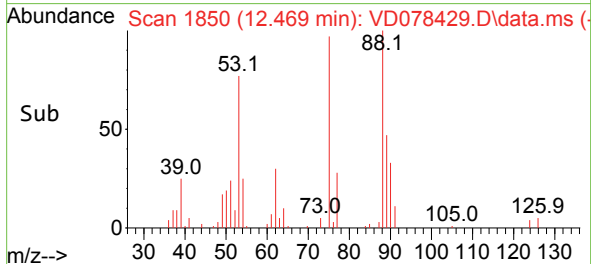
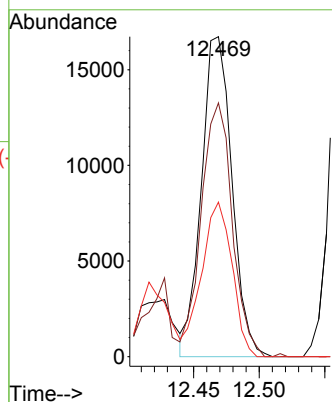
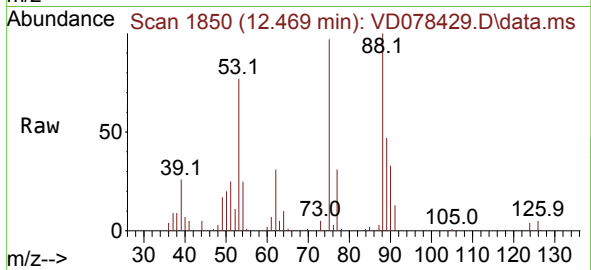




#81
trans-1,4-Dichloro-2-butene
Concen: 45.142 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

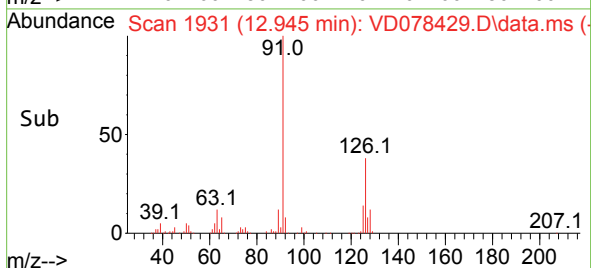
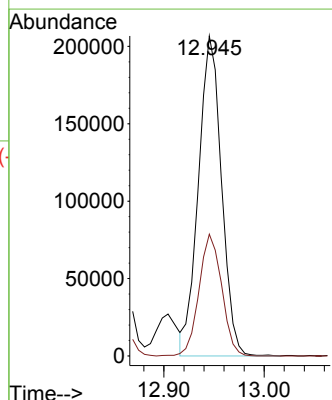
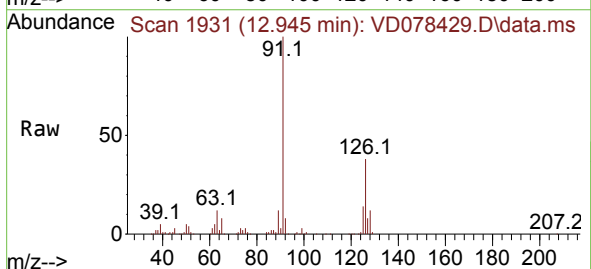
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

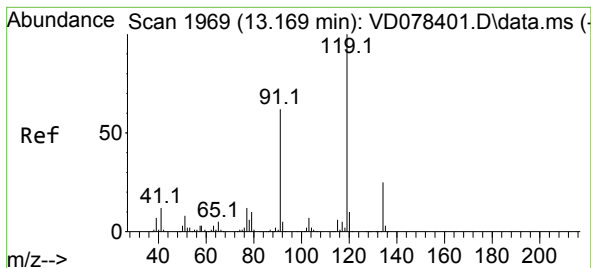
Tgt Ion: 75 Resp: 27094
Ion Ratio Lower Upper
75 100
53 80.6 63.0 94.4
89 48.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 46.823 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 91 Resp: 330804
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 50.434 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

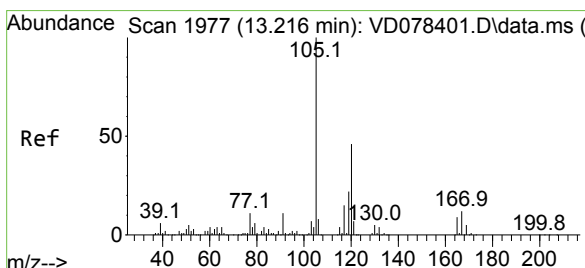
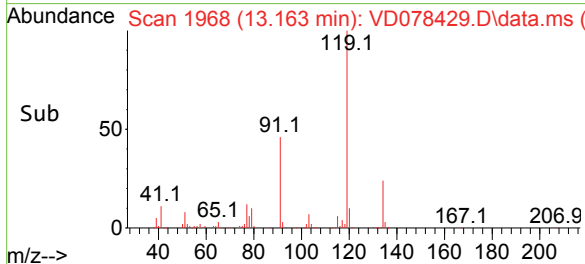
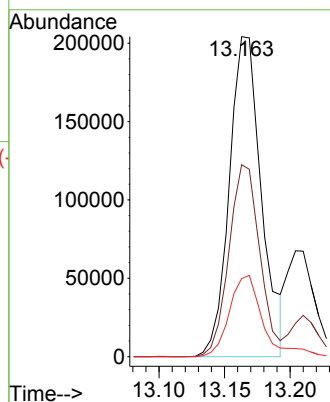
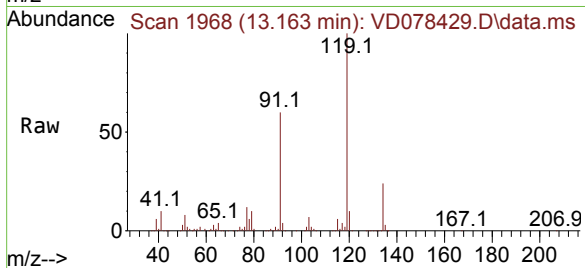
Tgt Ion:119 Resp: 348077

Ion Ratio Lower Upper

119 100

91 57.7 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 48.277 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078429.D

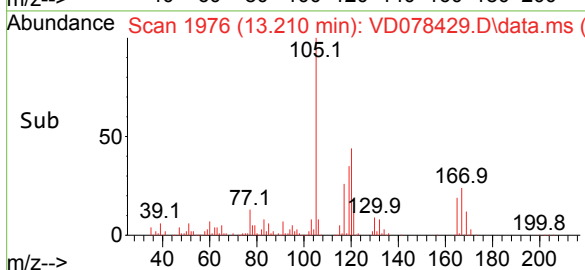
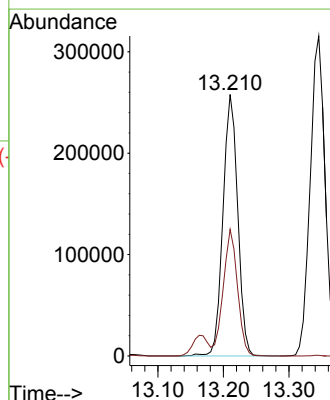
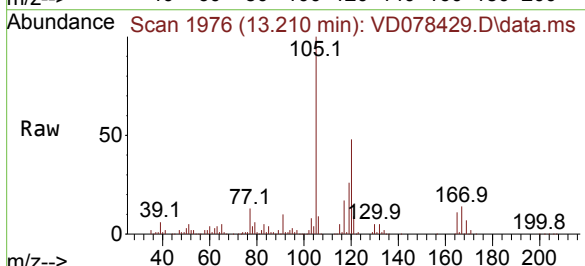
Acq: 15 Feb 2024 11:35

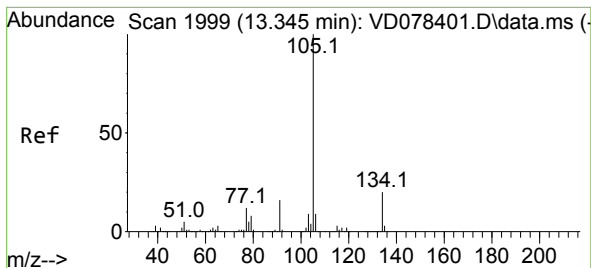
Tgt Ion:105 Resp: 400964

Ion Ratio Lower Upper

105 100

120 46.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 46.262 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

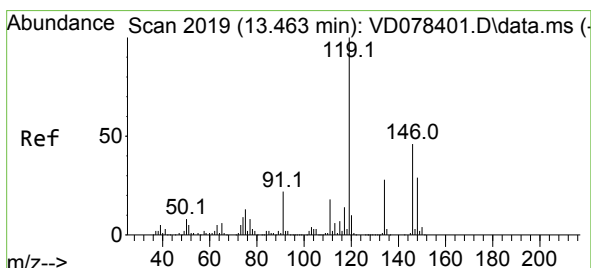
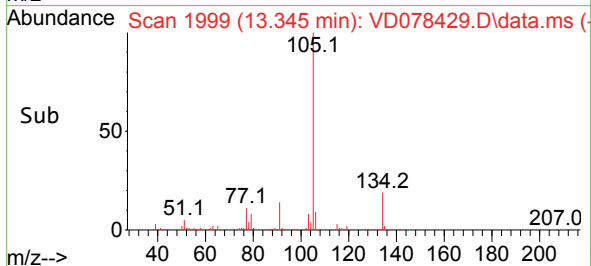
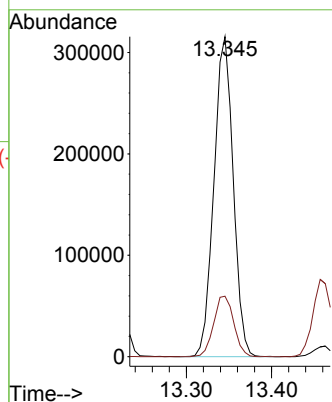
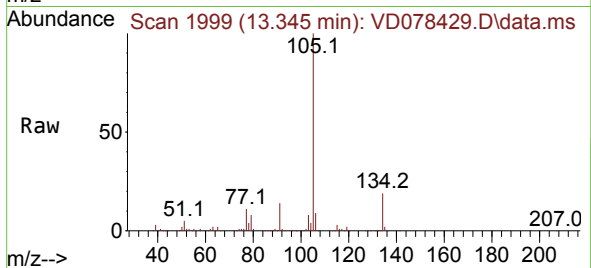
VSTDCCC050

Tgt Ion:105 Resp: 495164

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 48.562 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

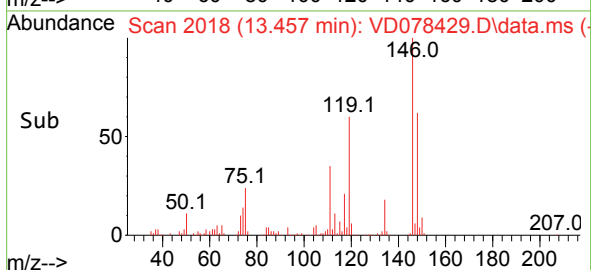
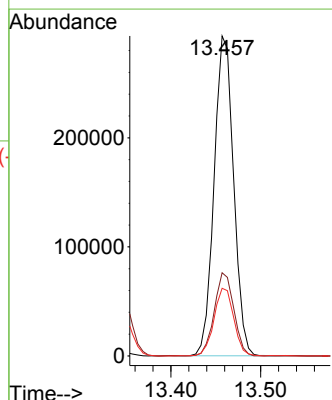
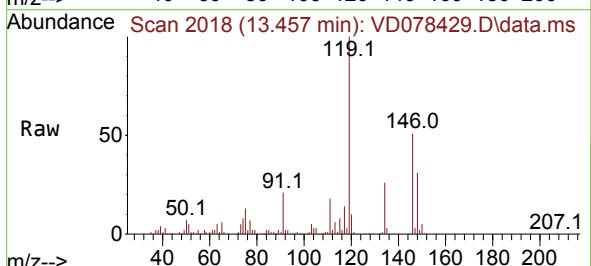
Tgt Ion:119 Resp: 442717

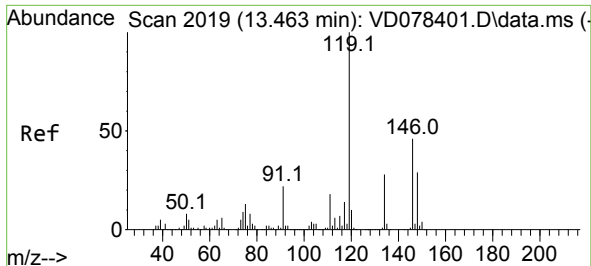
Ion Ratio Lower Upper

119 100

134 26.1 14.2 42.6

91 21.6 10.5 31.5

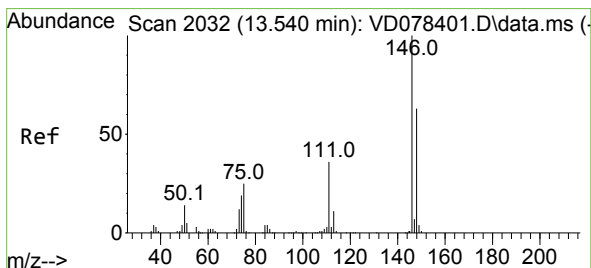
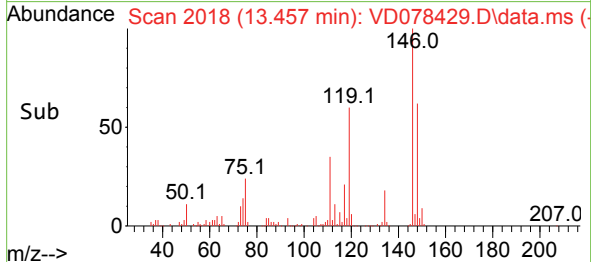
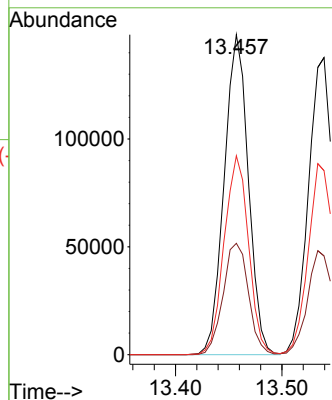
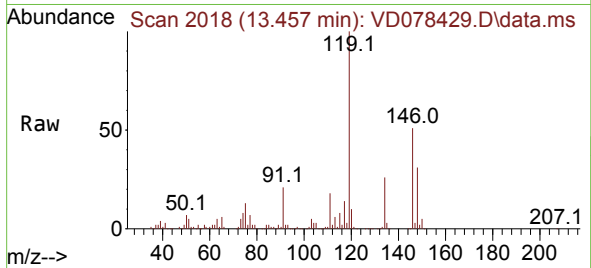




#87
1,3-Dichlorobenzene
Concen: 47.291 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

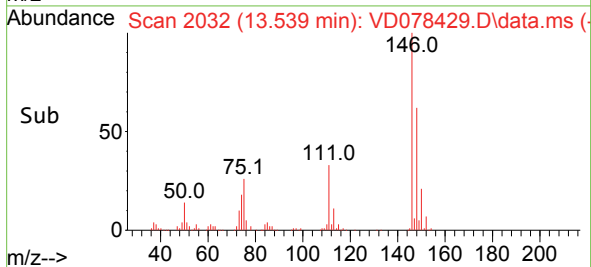
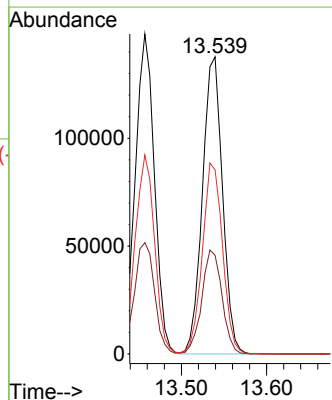
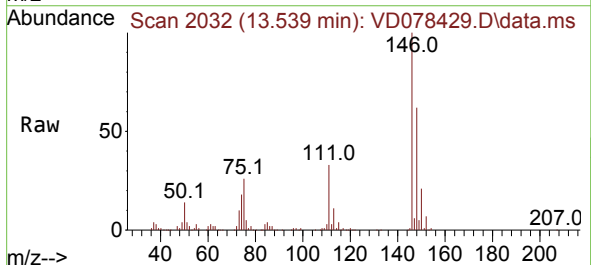
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

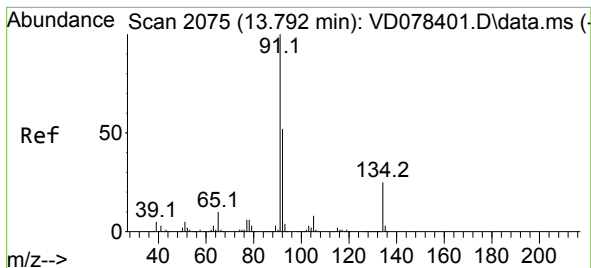
Tgt Ion:146 Resp: 233775
Ion Ratio Lower Upper
146 100
111 36.5 17.9 53.8
148 62.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.505 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion:146 Resp: 225886
Ion Ratio Lower Upper
146 100
111 35.2 17.4 52.3
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 46.238 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

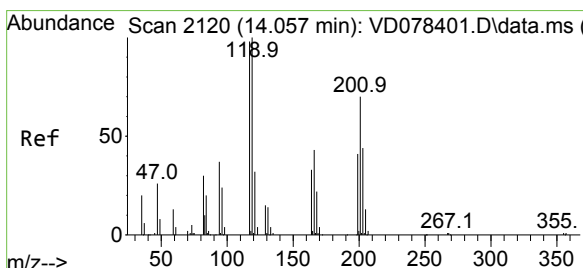
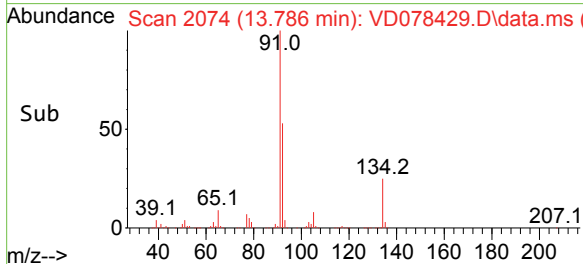
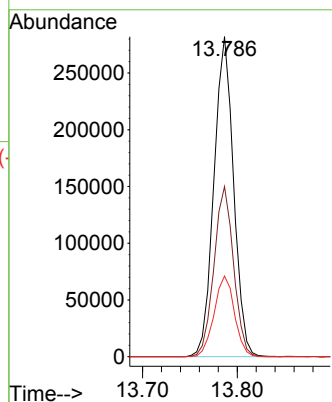
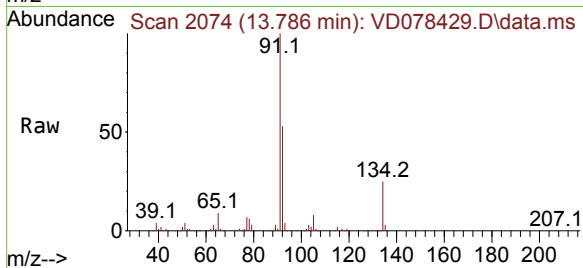
Tgt Ion: 91 Resp: 406295

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 26.1 13.8 41.3



#90

Hexachloroethane

Concen: 45.812 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078429.D

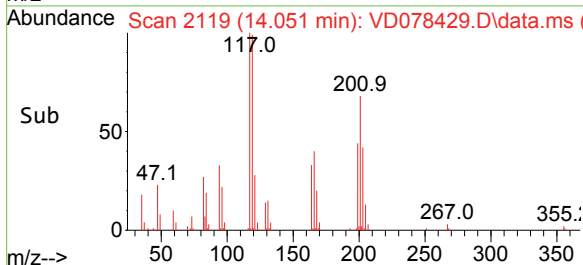
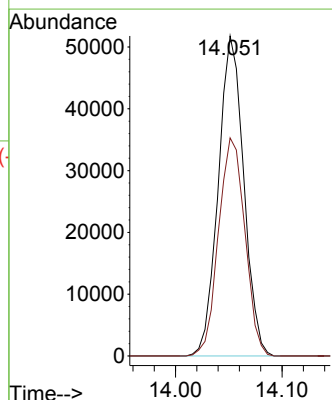
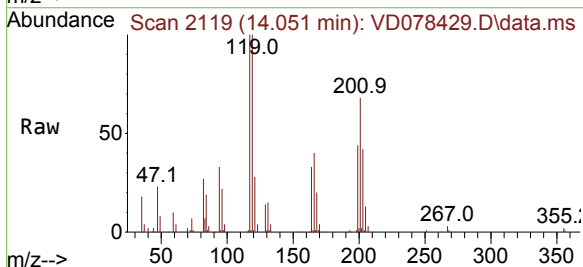
Acq: 15 Feb 2024 11:35

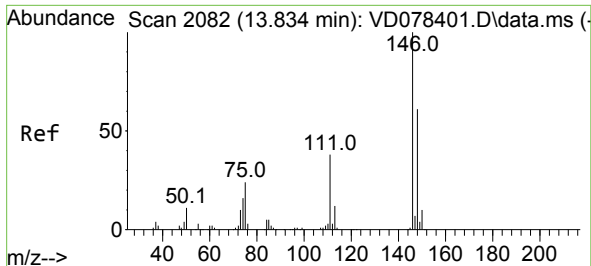
Tgt Ion: 117 Resp: 85840

Ion Ratio Lower Upper

117 100

201 70.6 38.5 115.5

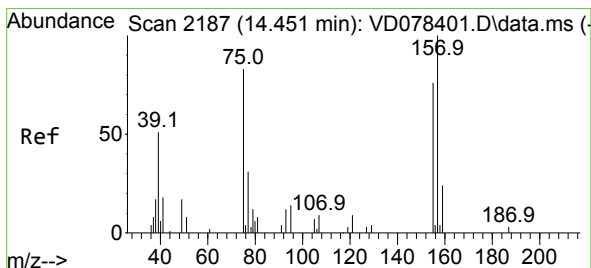
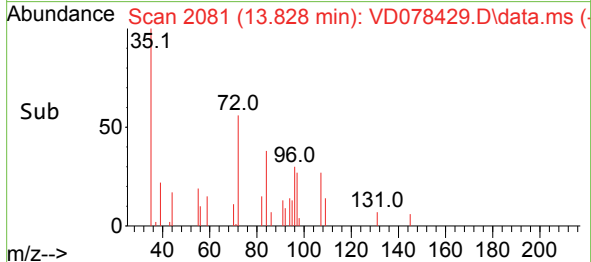
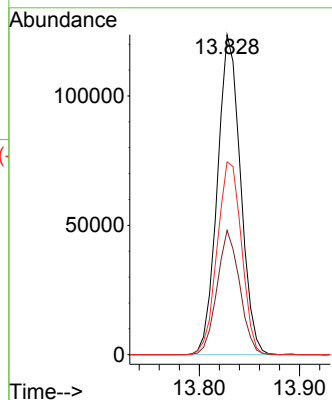
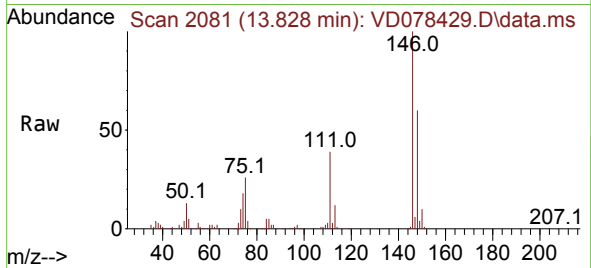




#91
1,2-Dichlorobenzene
Concen: 47.674 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

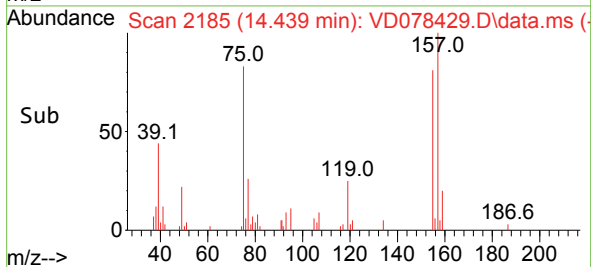
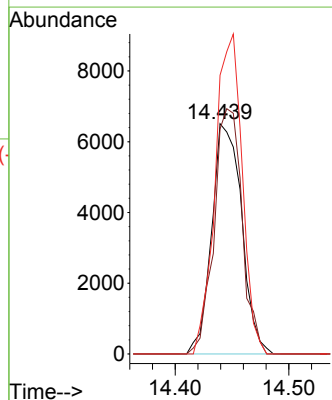
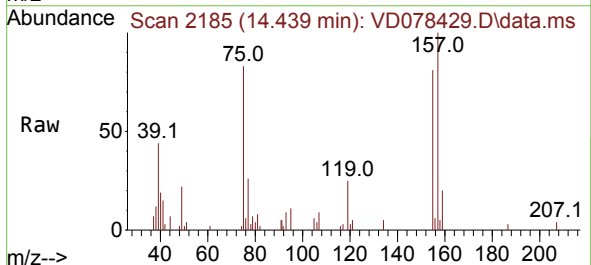
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

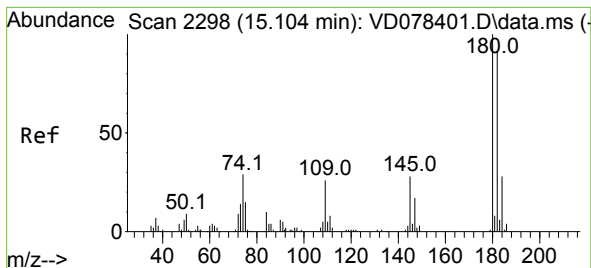
Tgt Ion:146 Resp: 197902
Ion Ratio Lower Upper
146 100
111 38.1 18.3 54.8
148 63.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.433 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD078429.D
Acq: 15 Feb 2024 11:35

Tgt Ion: 75 Resp: 11886
Ion Ratio Lower Upper
75 100
155 99.6 47.9 143.8
157 125.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.071 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

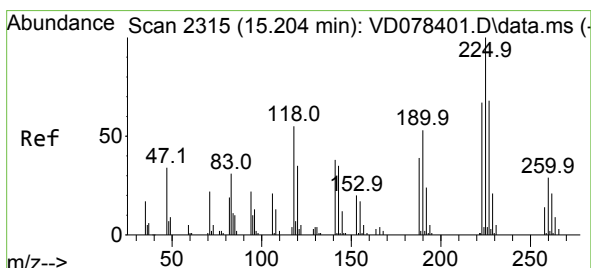
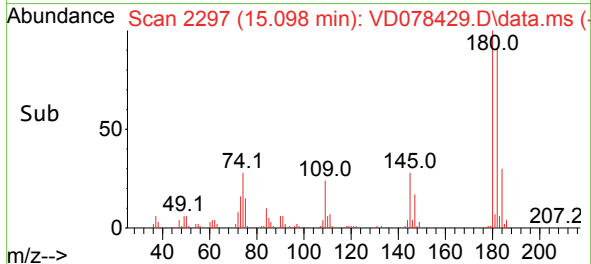
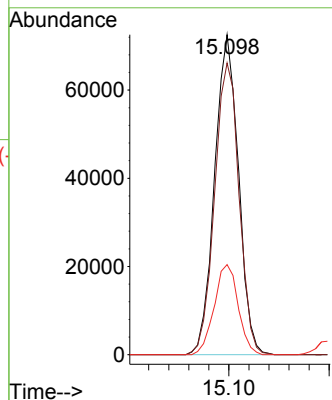
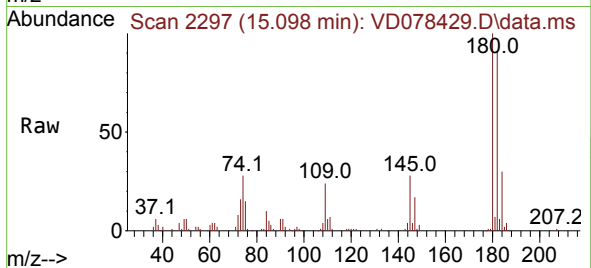
Tgt Ion:180 Resp: 119715

Ion Ratio Lower Upper

180 100

182 93.3 48.5 145.6

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.192 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

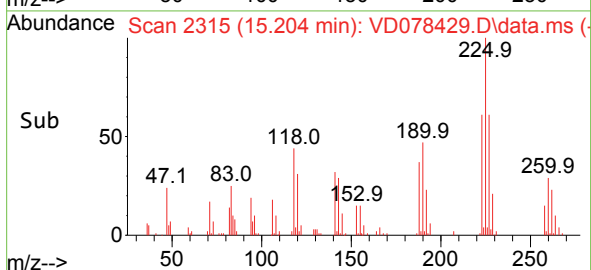
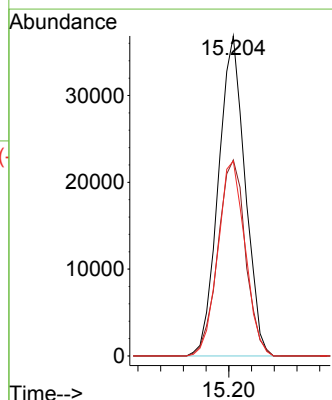
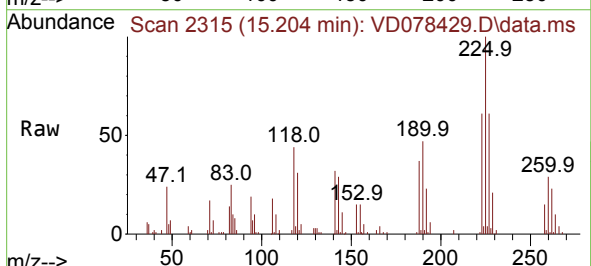
Tgt Ion:225 Resp: 60094

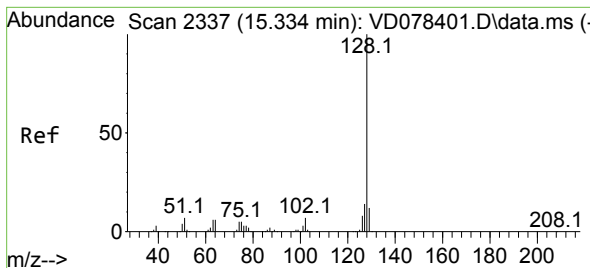
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 62.1 31.7 95.1





#95

Naphthalene

Concen: 50.728 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

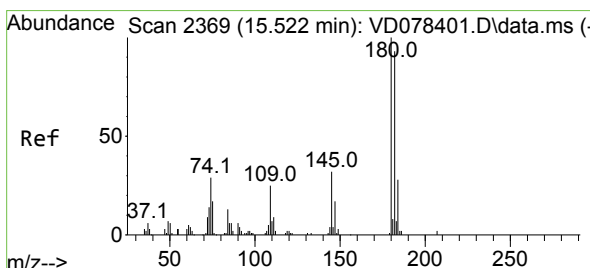
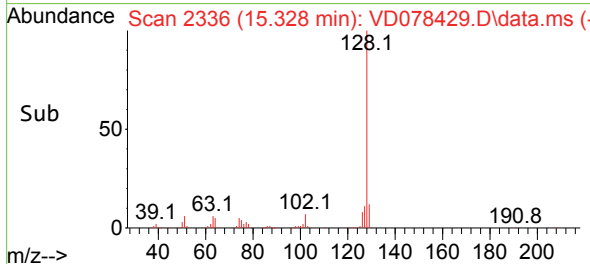
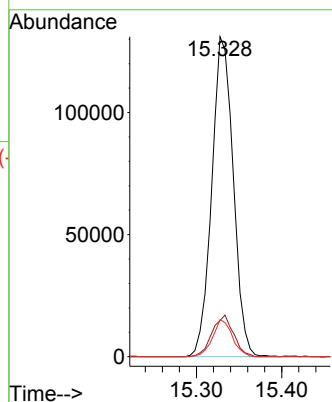
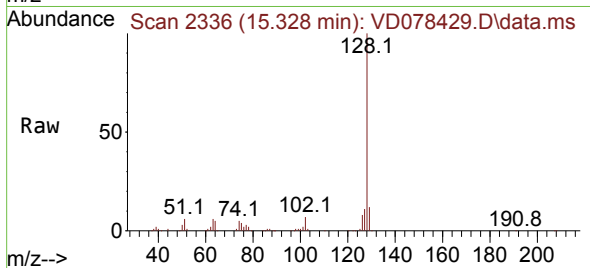
Tgt Ion:128 Resp: 229541

Ion Ratio Lower Upper

128 100

127 11.3 10.5 15.7

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.945 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078429.D

Acq: 15 Feb 2024 11:35

Tgt Ion:180 Resp: 105333

Ion Ratio Lower Upper

180 100

182 92.8 47.3 141.9

145 30.3 15.1 45.3

