

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078529.D
 Acq On : 23 Feb 2024 10:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 24 00:18:34 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	134723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	229243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	111546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70224	48.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.420%
35) Dibromofluoromethane	7.804	113	80811	55.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.980%
50) Toluene-d8	10.269	98	300409	51.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.575	95	88976	52.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66136	49.823	ug/l	98
3) Chloromethane	2.146	50	116355	47.697	ug/l	99
4) Vinyl Chloride	2.281	62	183415	49.273	ug/l	99
5) Bromomethane	2.687	94	134163	52.215	ug/l	99
6) Chloroethane	2.834	64	135018	49.741	ug/l	98
7) Trichlorofluoromethane	3.169	101	122270	48.692	ug/l	94
8) Diethyl Ether	3.593	74	35645	49.283	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	73846	46.616	ug/l	99
10) Methyl Iodide	4.158	142	77845	54.866	ug/l	93
11) Tert butyl alcohol	5.063	59	20150	255.343	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	69726	47.476	ug/l	91
13) Acrolein	3.793	56	30308	225.216	ug/l	99
14) Allyl chloride	4.552	41	83290	45.907	ug/l	96
15) Acrylonitrile	5.258	53	77832	251.379	ug/l	99
16) Acetone	4.022	43	70477	251.627	ug/l	94
17) Carbon Disulfide	4.269	76	210643	42.624	ug/l	100
18) Methyl Acetate	4.563	43	65675	61.017	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	159893	51.242	ug/l	100
20) Methylene Chloride	4.793	84	86945	52.867	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	84489	48.901	ug/l	97
22) Diisopropyl ether	6.216	45	193062	48.279	ug/l	99
23) Vinyl Acetate	6.152	43	370053	224.347	ug/l	98
24) 1,1-Dichloroethane	6.110	63	136774	48.281	ug/l	97
25) 2-Butanone	7.081	43	94848	257.461	ug/l	91
26) 2,2-Dichloropropane	7.075	77	116915	49.232	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	94838	50.031	ug/l	97
28) Bromochloromethane	7.428	49	52044	46.384	ug/l	93
29) Tetrahydrofuran	7.446	42	54733	252.654	ug/l	95
30) Chloroform	7.593	83	148420	49.518	ug/l	93
31) Cyclohexane	7.875	56	103490	41.999	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	127684	49.965	ug/l	98
36) 1,1-Dichloropropene	8.010	75	110955	49.048	ug/l	99
37) Ethyl Acetate	7.169	43	38107	48.055	ug/l #	74
38) Carbon Tetrachloride	7.993	117	113540	50.681	ug/l	97
39) Methylcyclohexane	9.269	83	128486	47.843	ug/l	96
40) Benzene	8.251	78	325578	49.793	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	23096	55.963	ug/l	91
42) 1,2-Dichloroethane	8.328	62	81531	48.190	ug/l	100
43) Isopropyl Acetate	8.363	43	73788	50.250	ug/l #	80
44) Trichloroethene	9.028	130	88923	53.307	ug/l	86
45) 1,2-Dichloropropane	9.304	63	79059	49.280	ug/l	98
46) Dibromomethane	9.393	93	47597	52.747	ug/l	91
47) Bromodichloromethane	9.587	83	115398	51.632	ug/l	97
48) Methyl methacrylate	9.381	41	43091	55.312	ug/l	87
49) 1,4-Dioxane	9.381	88	10667	1091.561	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	200239	256.926	ug/l	94
52) Toluene	10.334	92	213193	51.559	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	106179	52.064	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	126532	51.167	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	65757	54.112	ug/l	97
56) Ethyl methacrylate	10.598	69	53127	47.271	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104811	50.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	164783	248.910	ug/l	96
59) 2-Hexanone	10.922	43	146907	250.822	ug/l	95
60) Dibromochloromethane	11.075	129	79594	54.438	ug/l	96
61) 1,2-Dibromoethane	11.181	107	61284	53.718	ug/l	98
64) Tetrachloroethene	10.810	164	69697	52.304	ug/l	92
65) Chlorobenzene	11.604	112	225982	53.281	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	84812	54.413	ug/l	98
67) Ethyl Benzene	11.681	91	405028	53.298	ug/l	96
68) m/p-Xylenes	11.792	106	326148	110.027	ug/l	95
69) o-Xylene	12.122	106	148189	54.782	ug/l	95
70) Styrene	12.134	104	228040	51.654	ug/l	97
71) Bromoform	12.298	173	45633	55.624	ug/l #	99
73) Isopropylbenzene	12.422	105	392077	52.345	ug/l	97
74) N-amyl acetate	12.234	43	66280	46.774	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	75802	51.018	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	88496	93.450	ug/l #	100
77) Bromobenzene	12.698	156	94096	53.454	ug/l	94
78) n-propylbenzene	12.763	91	479964	51.420	ug/l	95
79) 2-Chlorotoluene	12.851	91	252862	50.578	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	327190	52.607	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	23345	51.178	ug/l	96
82) 4-Chlorotoluene	12.945	91	267921	49.897	ug/l	98
83) tert-Butylbenzene	13.169	119	285801	54.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	335313	53.121	ug/l	96
85) sec-Butylbenzene	13.345	105	416118	51.153	ug/l	97
86) p-Isopropyltoluene	13.463	119	369954	53.394	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	197117	52.466	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	193382	52.385	ug/l	99
89) n-Butylbenzene	13.787	91	347013	51.961	ug/l	98
90) Hexachloroethane	14.051	117	73288	51.464	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	169759	53.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9729	50.008	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	105605	56.956	ug/l	96
94) Hexachlorobutadiene	15.204	225	52906	54.667	ug/l	99
95) Naphthalene	15.333	128	194838	56.656	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	92015	58.557	ug/l	99

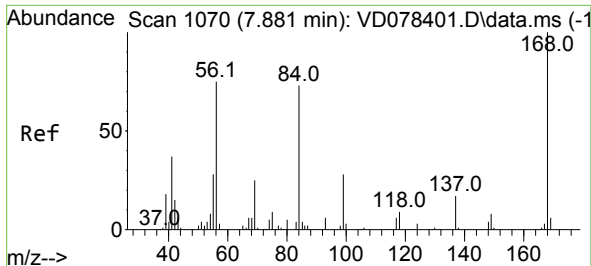
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Response via : Initial Calibration

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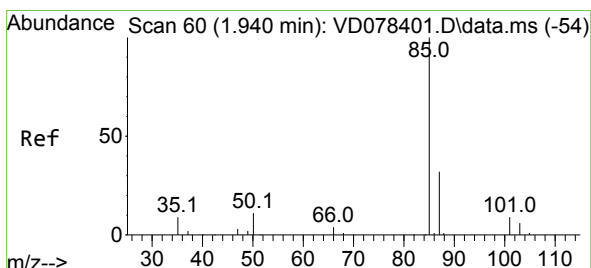
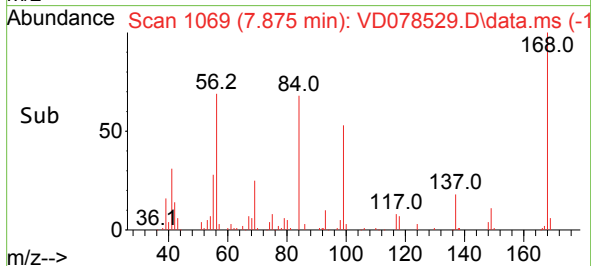
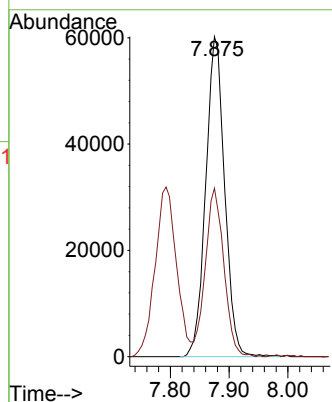
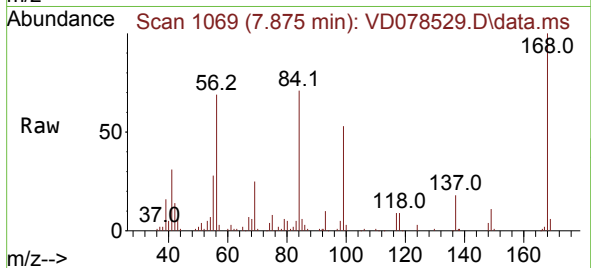
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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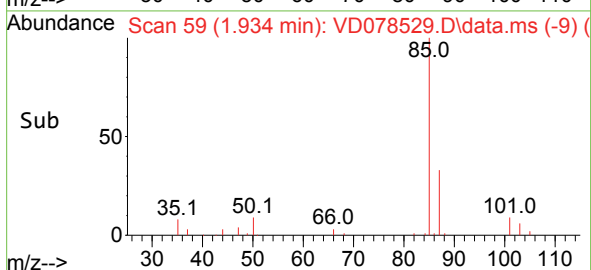
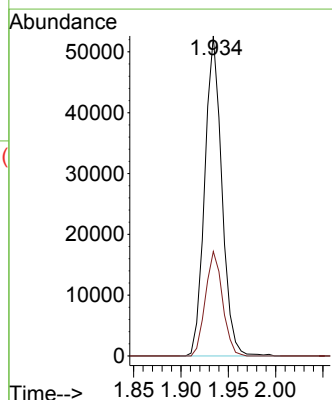
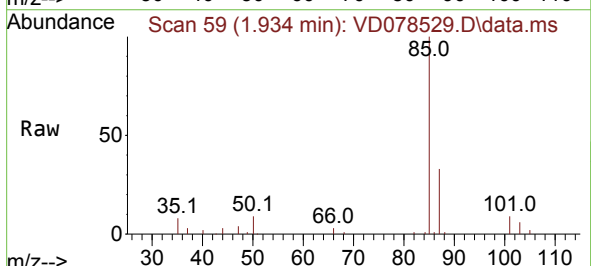
Instrument :
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VSTDCCC050

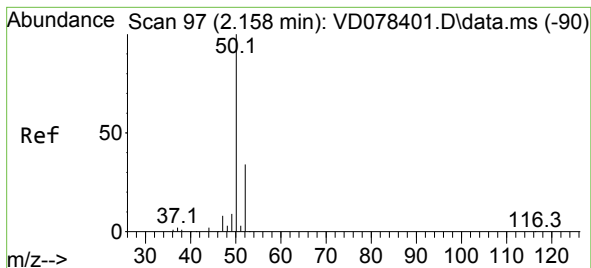
Tgt Ion:168 Resp: 134723
Ion Ratio Lower Upper
168 100
99 52.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 49.823 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 85 Resp: 66136
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0





#3

Chloromethane

Concen: 47.697 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

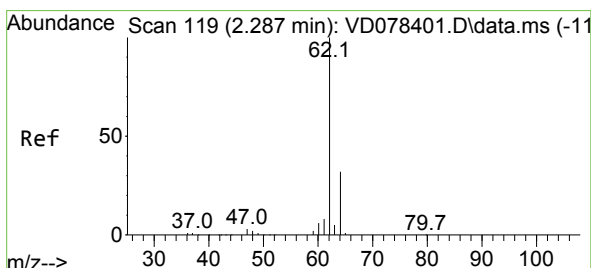
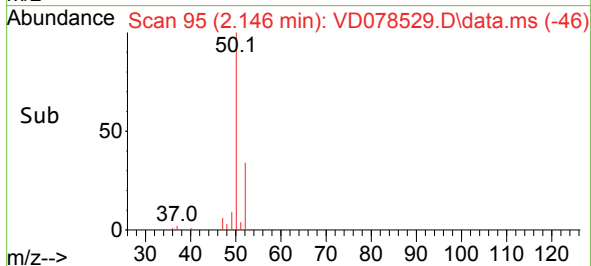
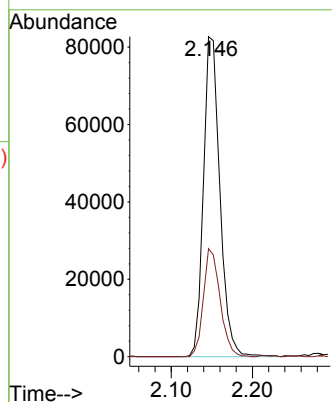
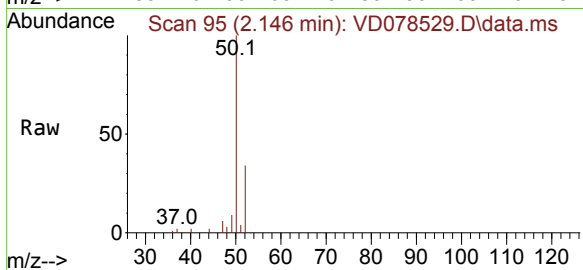
VSTDCCC050

Tgt Ion: 50 Resp: 116355

Ion Ratio Lower Upper

50 100

52 33.8 26.6 40.0



#4

Vinyl Chloride

Concen: 49.273 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD078529.D

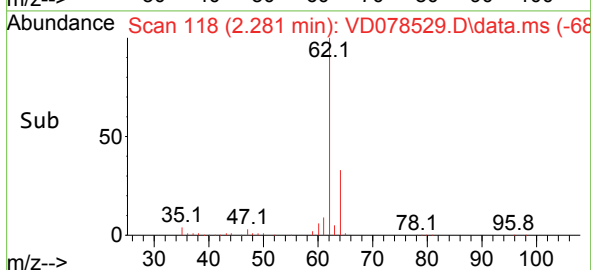
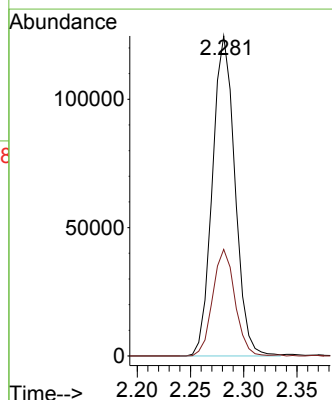
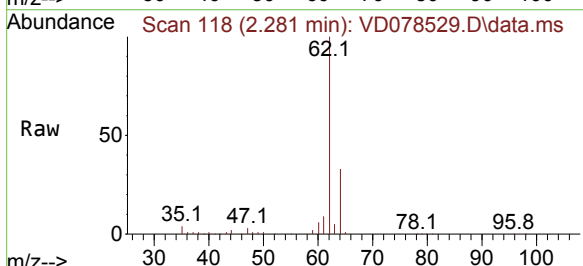
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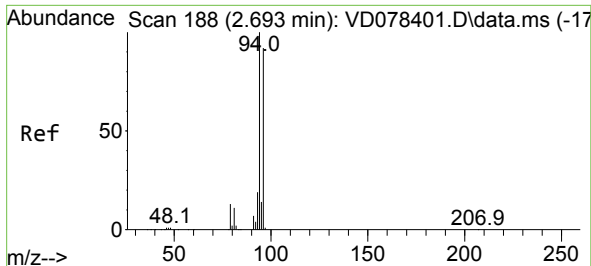
Tgt Ion: 62 Resp: 183415

Ion Ratio Lower Upper

62 100

64 33.3 26.0 39.0

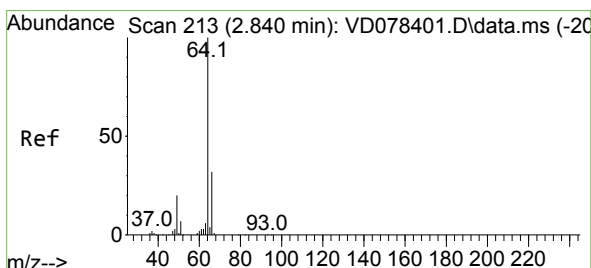
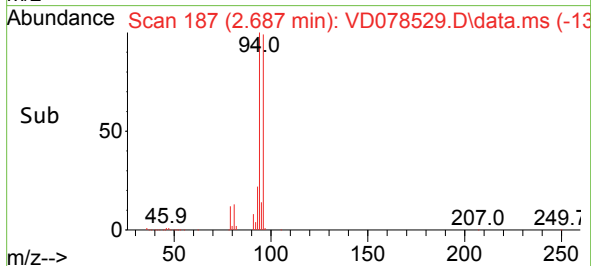
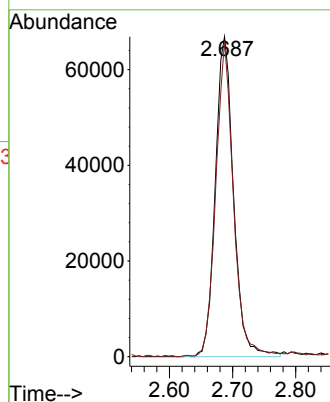
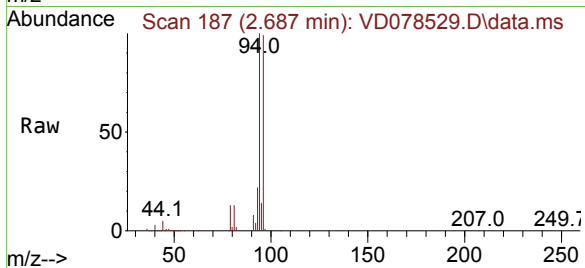




#5
Bromomethane
Concen: 52.215 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

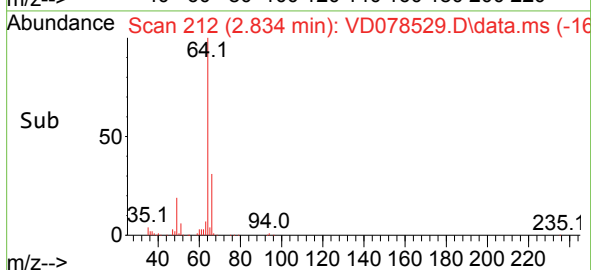
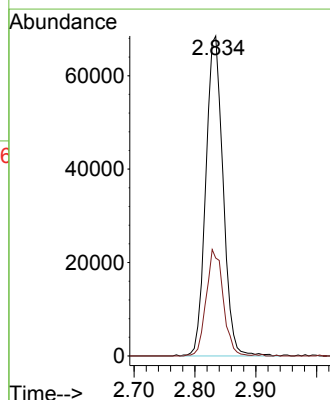
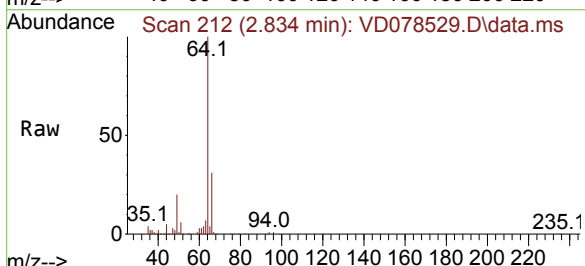
Instrument :
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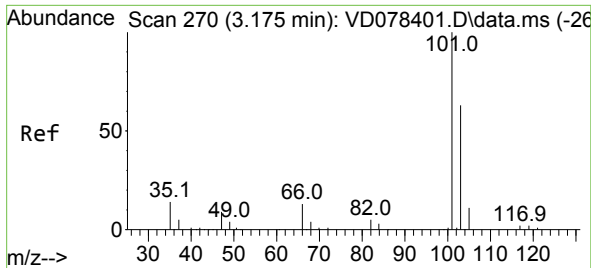
Tgt Ion: 94 Resp: 134163
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 49.741 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 64 Resp: 135018
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

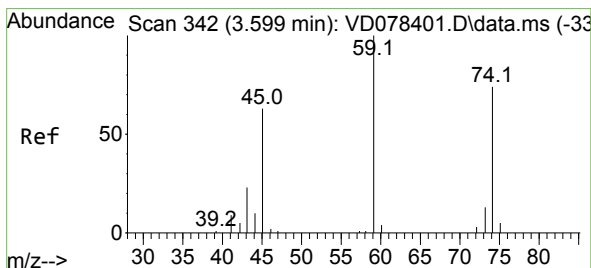
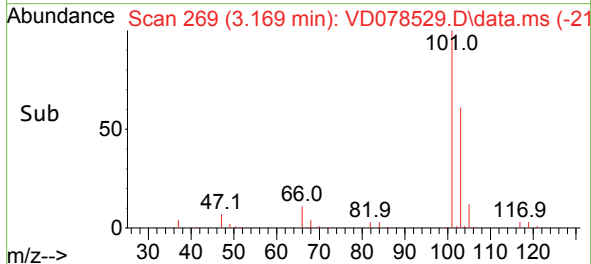
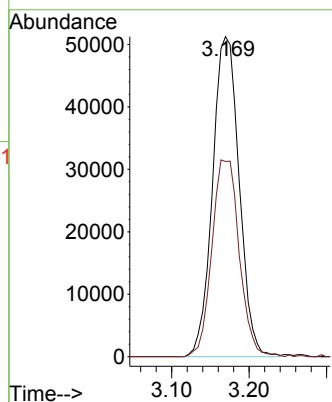
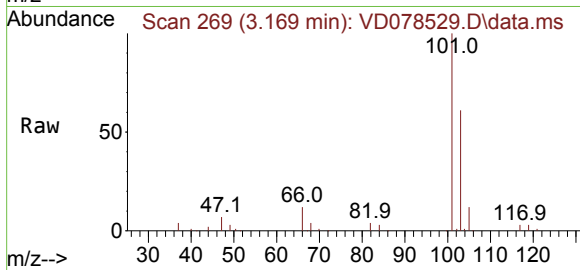




#7
 Trichlorofluoromethane
 Concen: 48.692 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

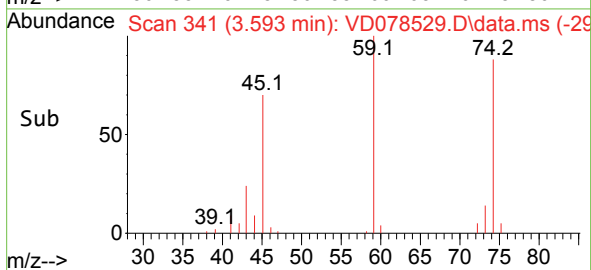
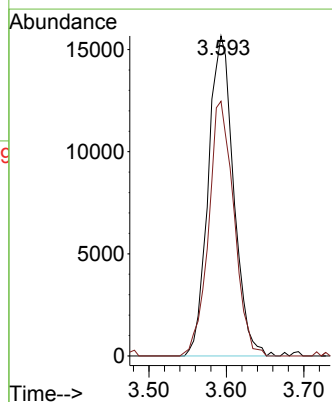
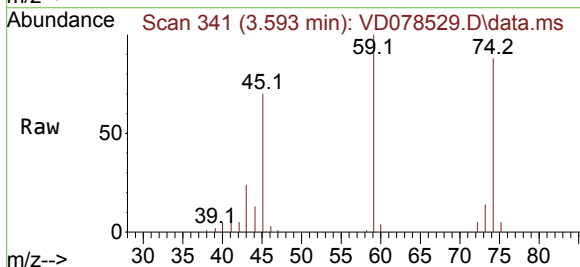
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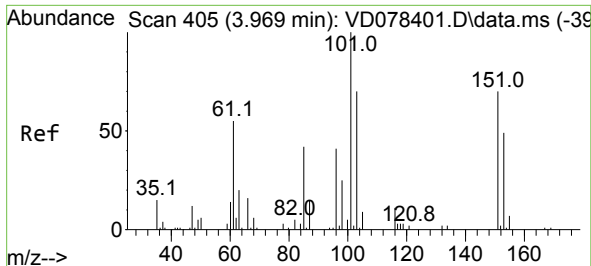
Tgt Ion:101 Resp: 122270
 Ion Ratio Lower Upper
 101 100
 103 61.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.283 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

Tgt Ion: 74 Resp: 35645
 Ion Ratio Lower Upper
 74 100
 45 79.6 37.5 112.7

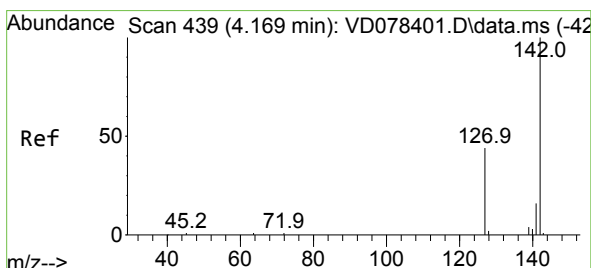
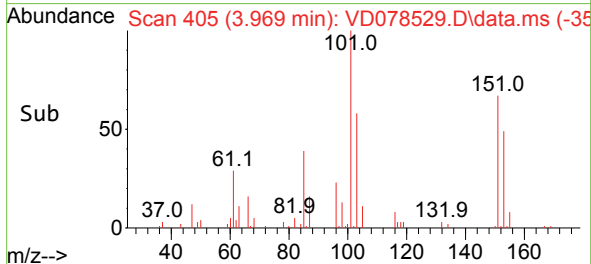
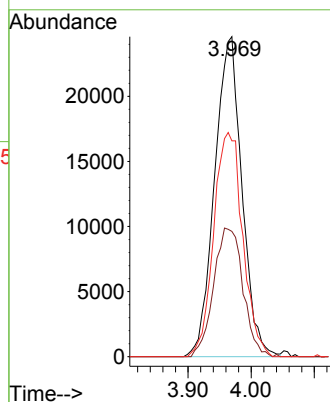
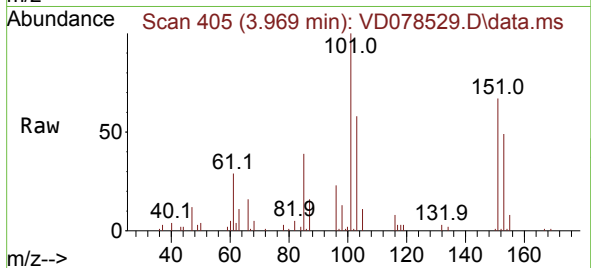




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.616 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078529.D
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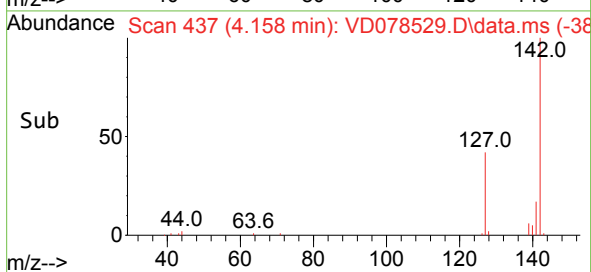
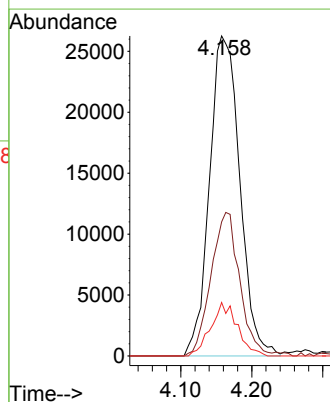
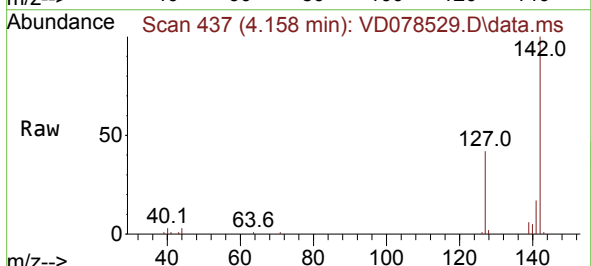
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 ClientSampleId :
 VSTDCCC050

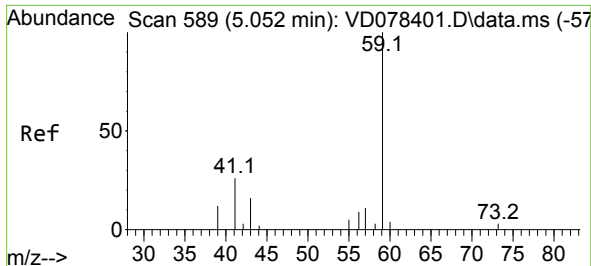
Tgt Ion:	101	Resp:	73846
Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.8	50.6
151	74.3	59.8	89.6



#10
 Methyl Iodide
 Concen: 54.866 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. -0.012 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

Tgt Ion:	142	Resp:	77845
Ion	Ratio	Lower	Upper
142	100		
127	42.2	29.4	44.0
141	14.7	11.1	16.7





#11

Tert butyl alcohol

Concen: 255.343 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.011 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

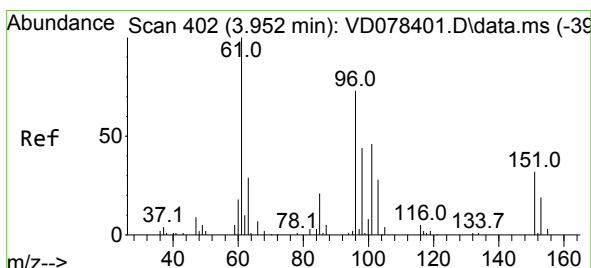
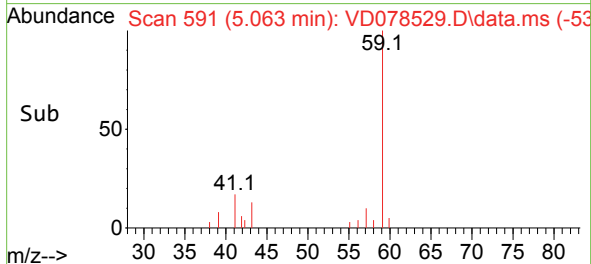
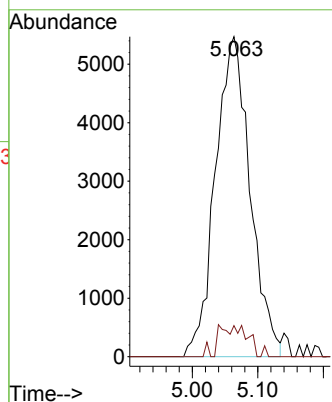
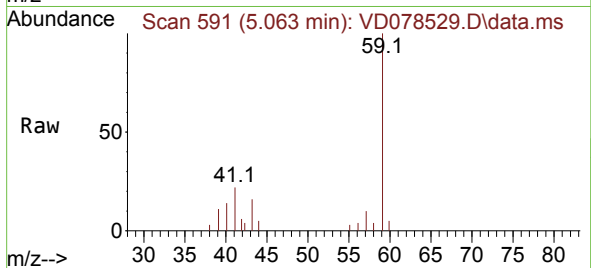
VSTDCCC050

Tgt Ion: 59 Resp: 20150

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 47.476 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

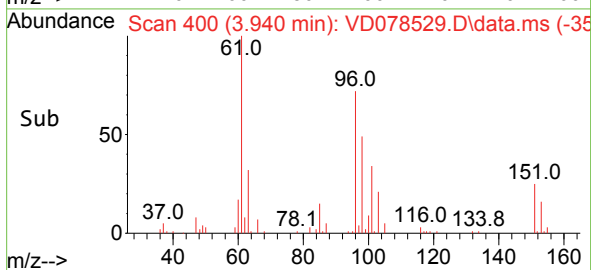
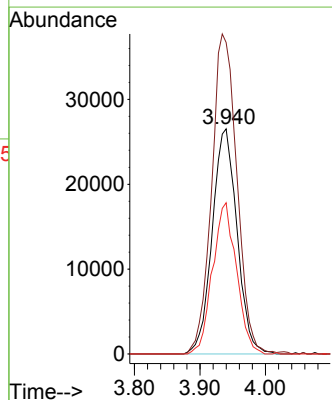
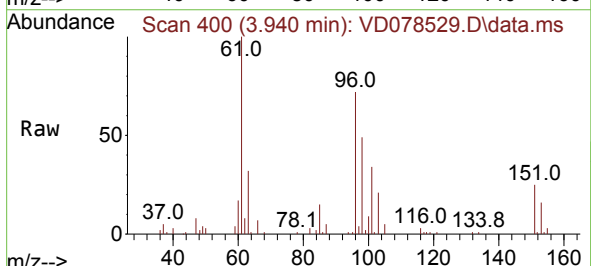
Tgt Ion: 96 Resp: 69726

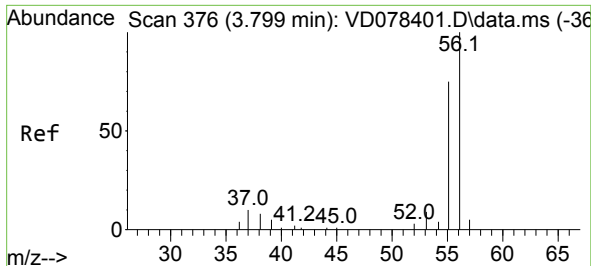
Ion Ratio Lower Upper

96 100

61 138.3 100.6 150.8

98 67.2 50.2 75.2





#13

Acrolein

Concen: 225.216 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

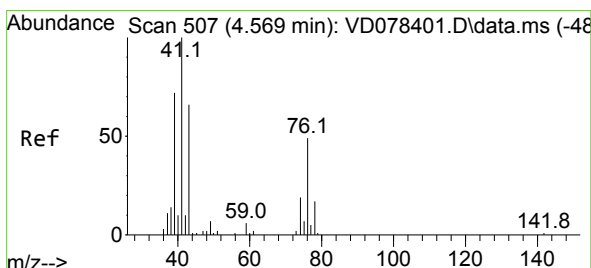
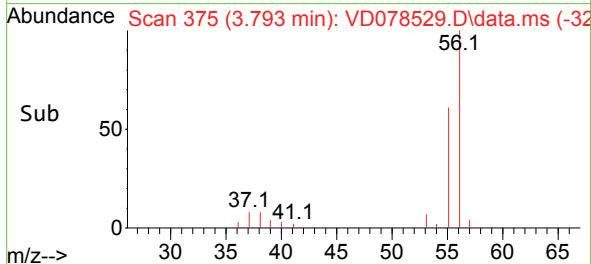
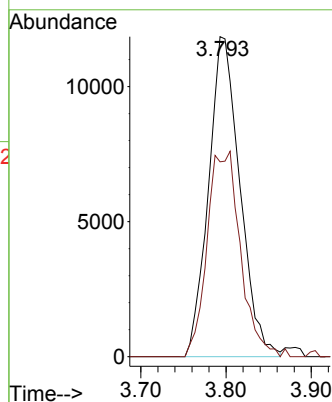
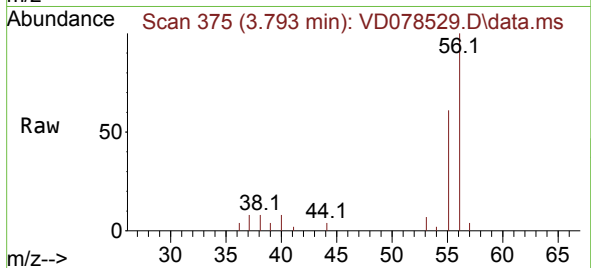
VSTDCCC050

Tgt Ion: 56 Resp: 30308

Ion Ratio Lower Upper

56 100

55 67.9 55.1 82.7



#14

Allyl chloride

Concen: 45.907 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.018 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

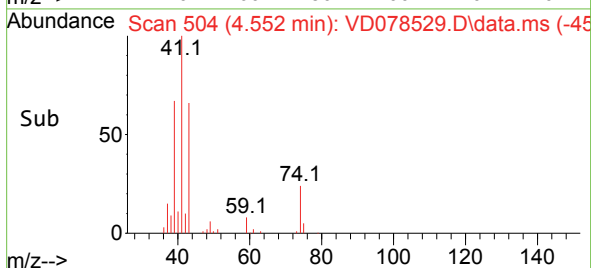
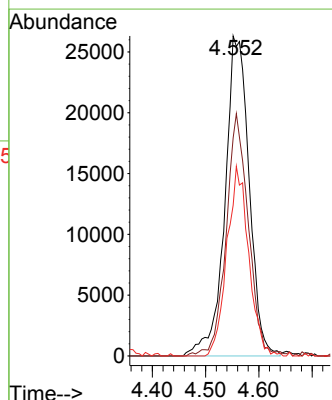
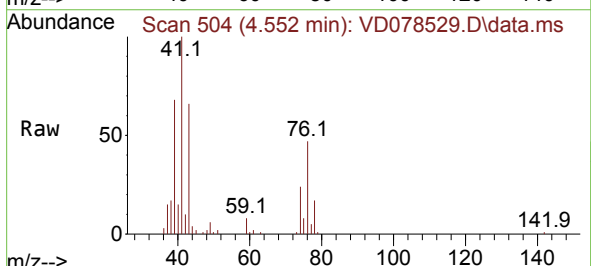
Tgt Ion: 41 Resp: 83290

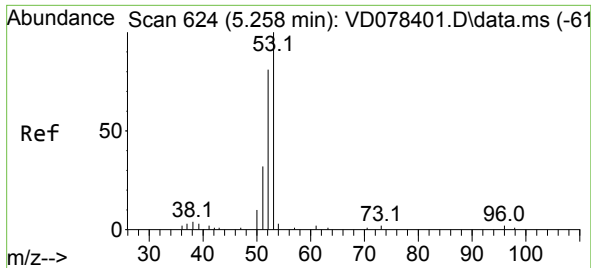
Ion Ratio Lower Upper

41 100

39 69.7 53.8 80.6

76 53.2 45.8 68.8

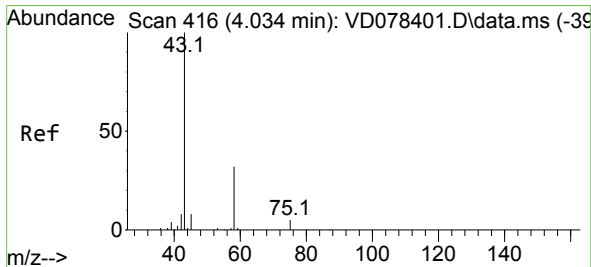
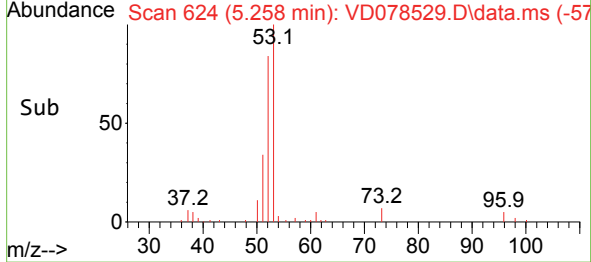
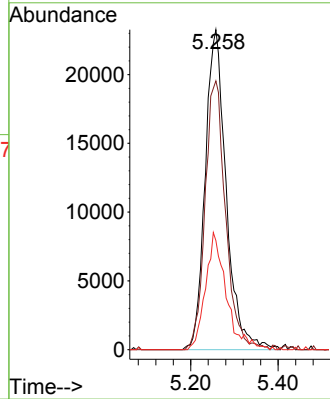
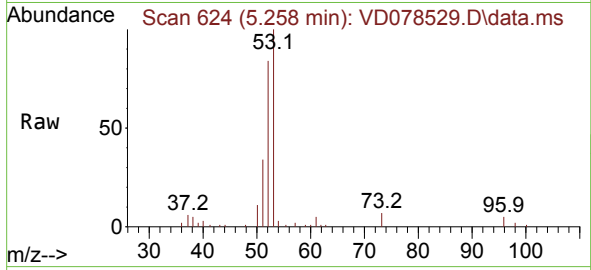




#15
Acrylonitrile
Concen: 251.379 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

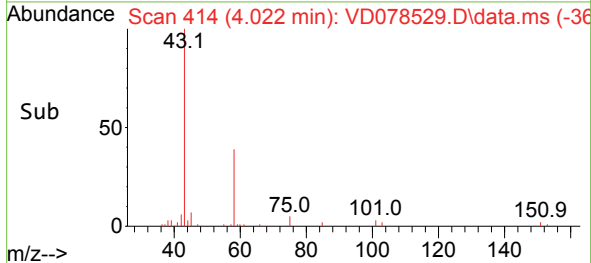
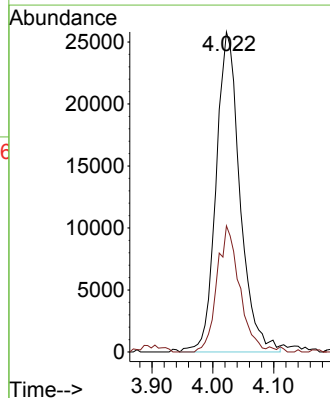
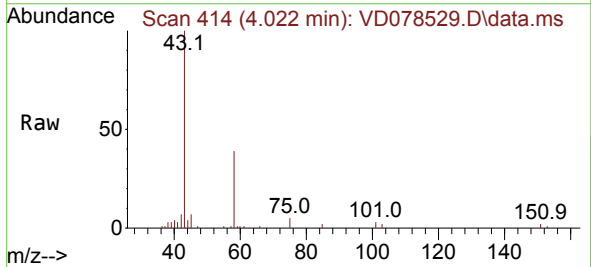
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

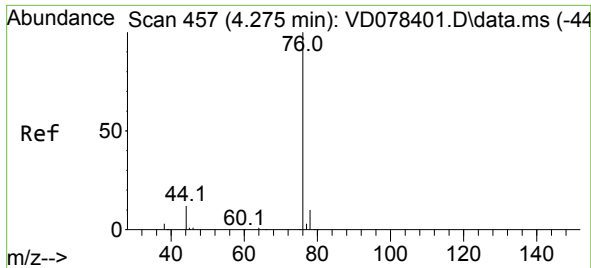
Tgt Ion: 53	Resp: 77832
Ion Ratio	Lower Upper
53 100	
52 82.1	65.0 97.4
51 36.3	28.3 42.5



#16
Acetone
Concen: 251.627 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 43	Resp: 70477
Ion Ratio	Lower Upper
43 100	
58 39.4	34.7 52.1





#17

Carbon Disulfide

Concen: 42.624 ug/l

RT: 4.269 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

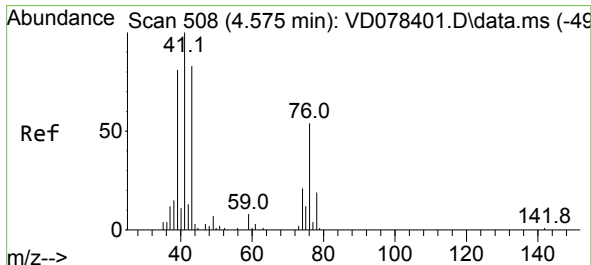
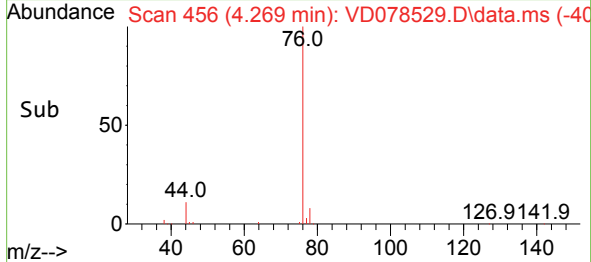
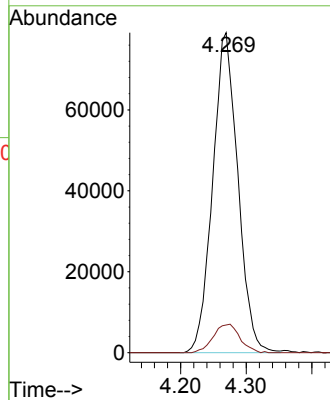
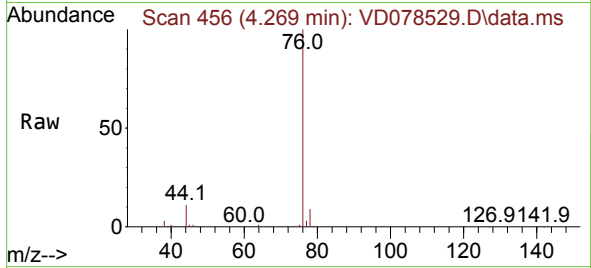
VSTDCCC050

Tgt Ion: 76 Resp: 210643

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



#18

Methyl Acetate

Concen: 61.017 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.012 min

Lab File: VD078529.D

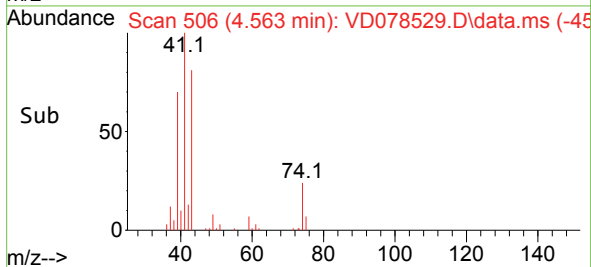
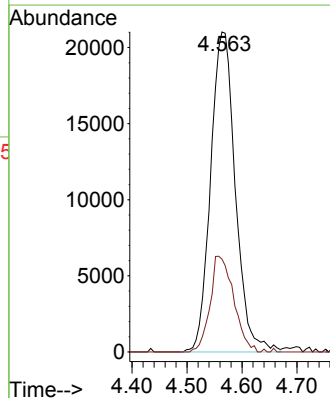
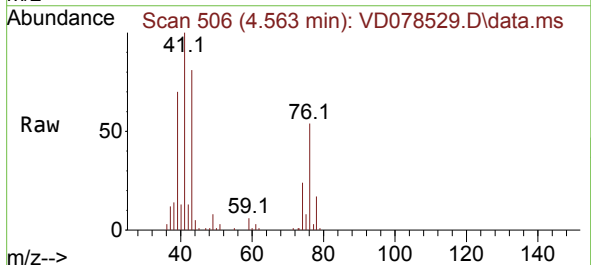
Acq: 23 Feb 2024 10:40

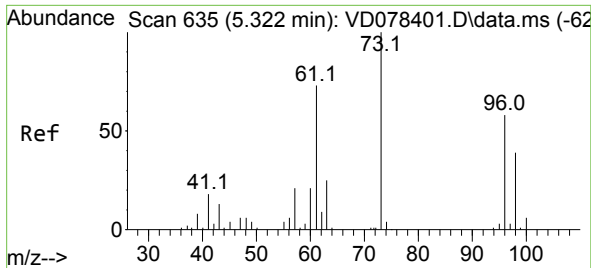
Tgt Ion: 43 Resp: 65675

Ion Ratio Lower Upper

43 100

74 28.5 26.4 39.6

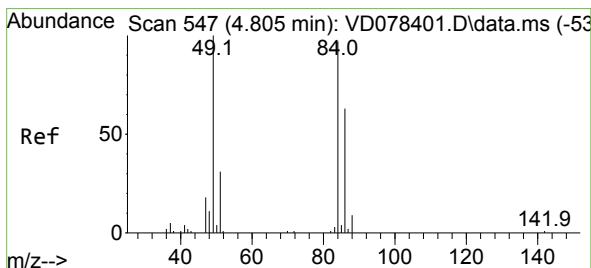
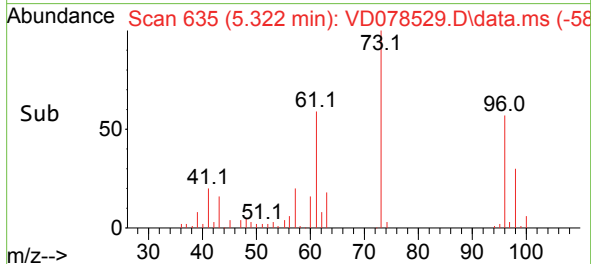
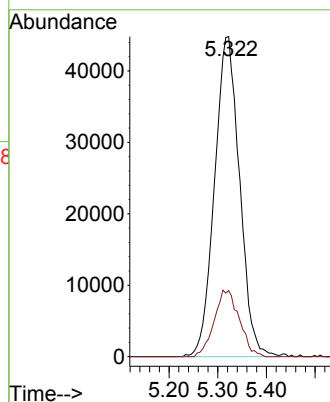
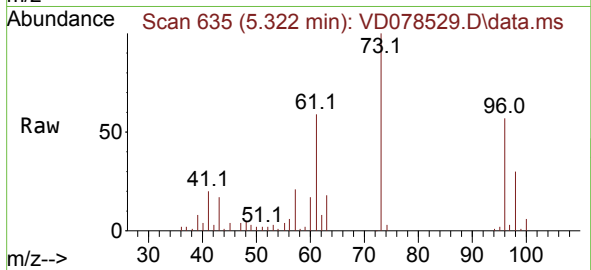




#19
Methyl tert-butyl Ether
Concen: 51.242 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

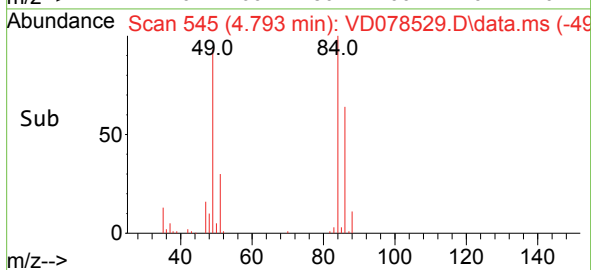
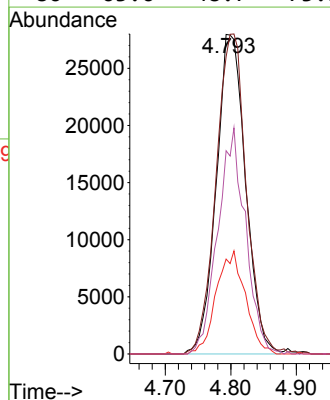
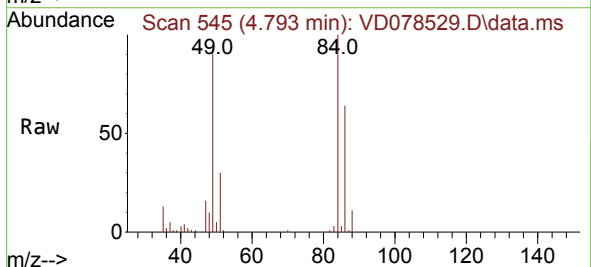
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

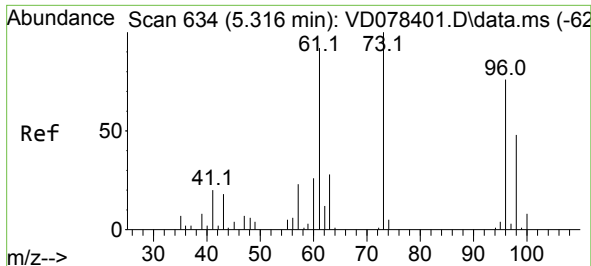
Tgt Ion: 73 Resp: 159893
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 52.867 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 84 Resp: 86945
Ion Ratio Lower Upper
84 100
49 93.0 71.4 107.2
51 29.7 24.5 36.7
86 63.6 48.7 73.1

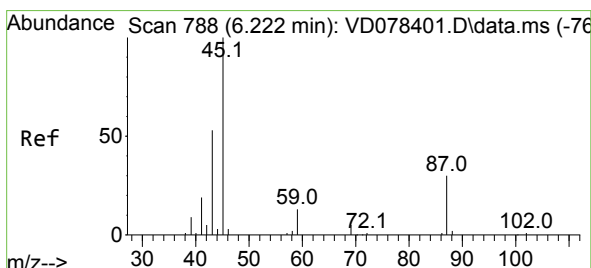
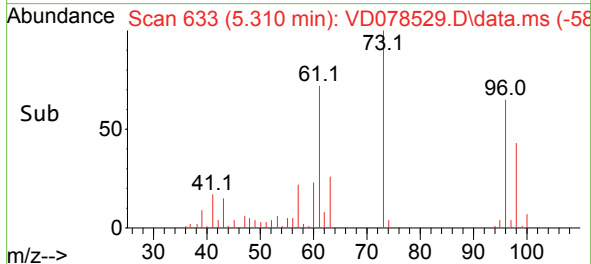
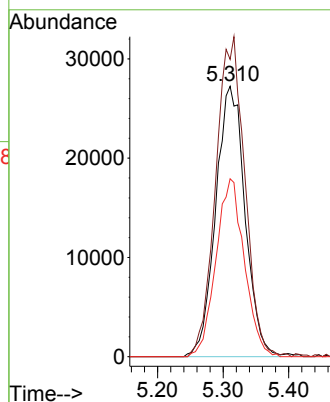
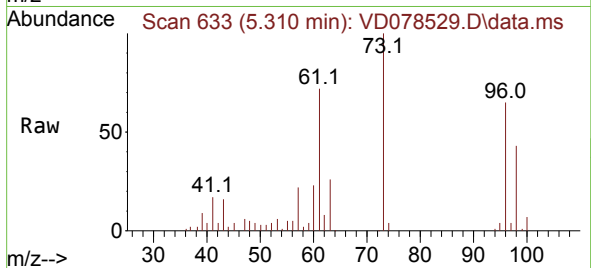




#21
trans-1,2-Dichloroethene
Concen: 48.901 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

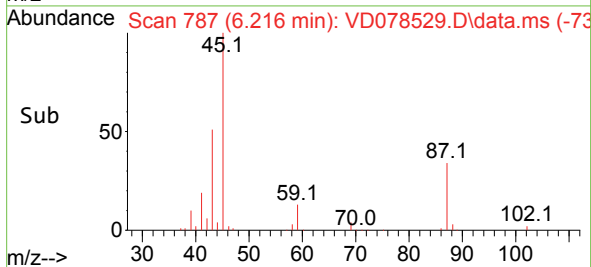
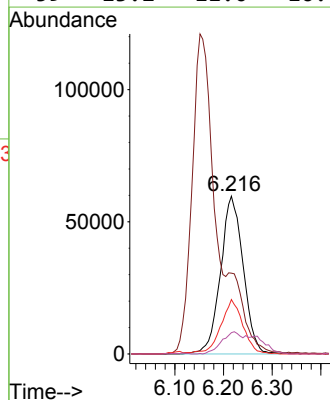
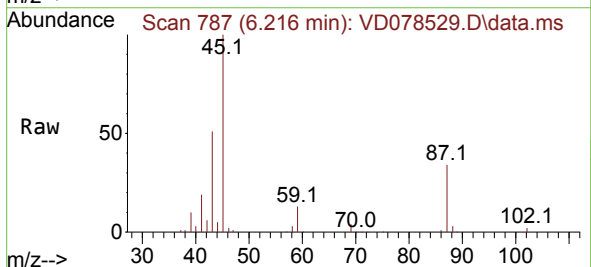
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

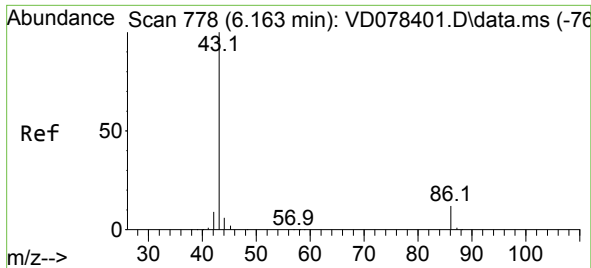
Tgt Ion: 96 Resp: 84489
Ion Ratio Lower Upper
96 100
61 109.9 89.3 133.9
98 65.8 48.6 73.0



#22
Diisopropyl ether
Concen: 48.279 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 45 Resp: 193062
Ion Ratio Lower Upper
45 100
43 49.9 40.0 60.0
87 34.4 28.2 42.4
59 13.2 11.0 16.4

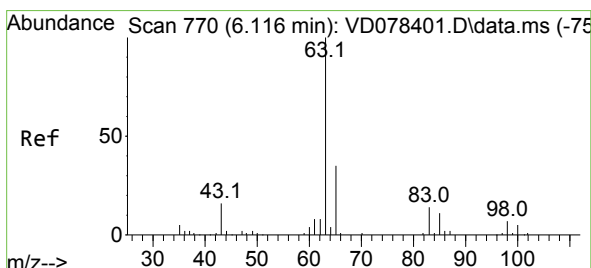
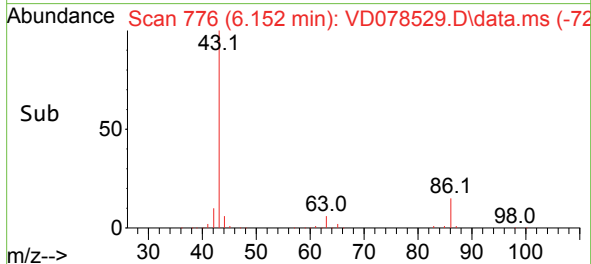
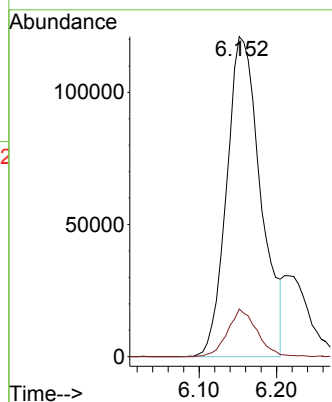
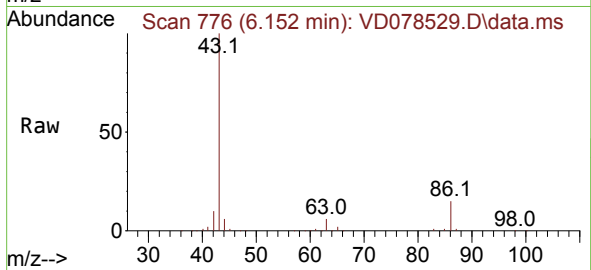




#23
 Vinyl Acetate
 Concen: 224.347 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

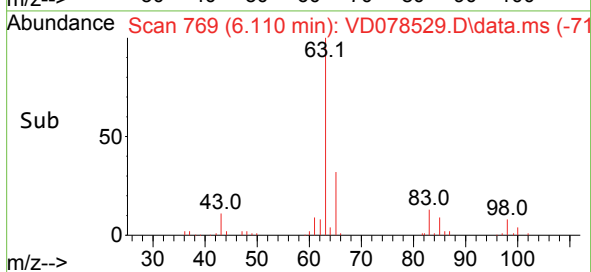
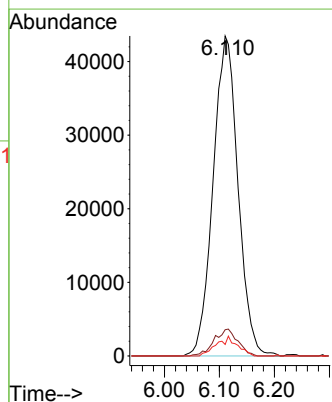
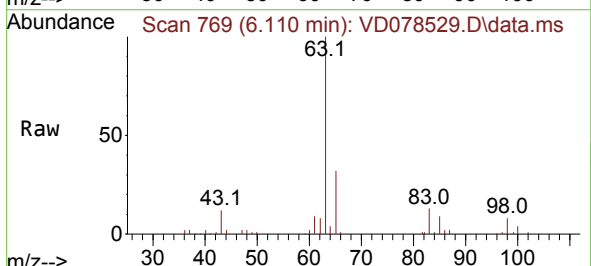
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

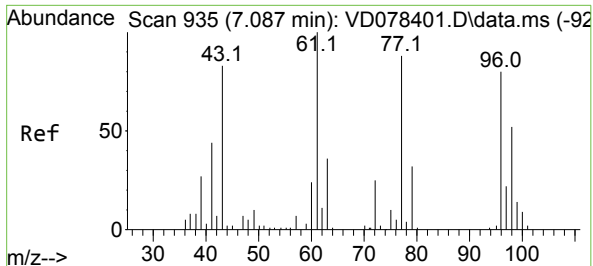
Tgt Ion: 43 Resp: 370053
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.281 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

Tgt Ion: 63 Resp: 136774
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 3.6 2.5 7.5

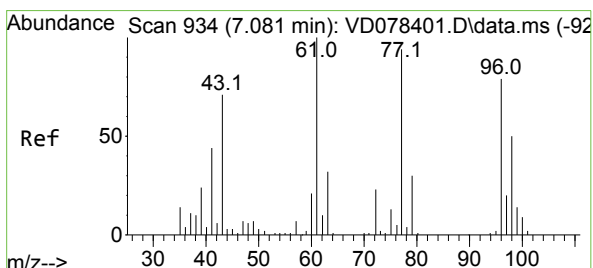
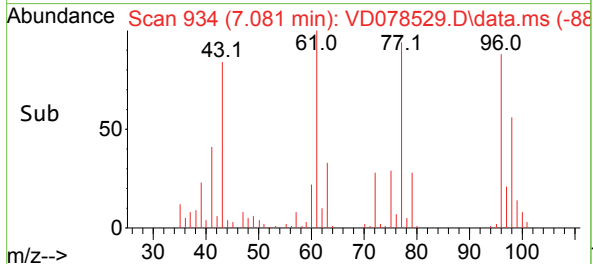
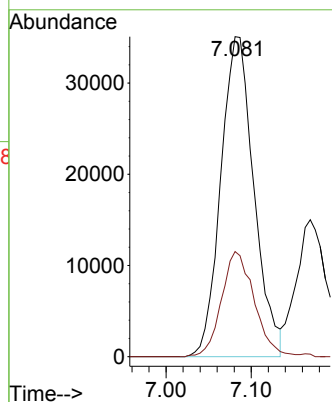
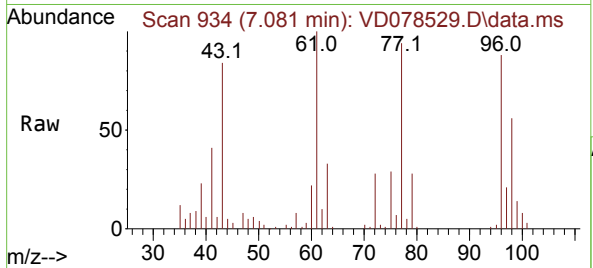




#25
2-Butanone
Concen: 257.461 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

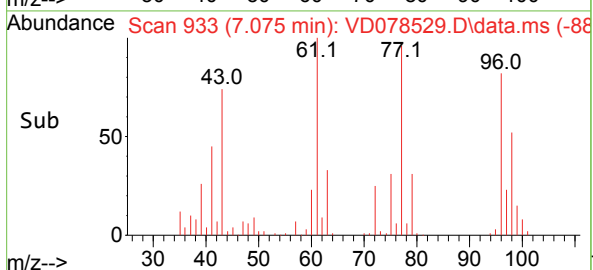
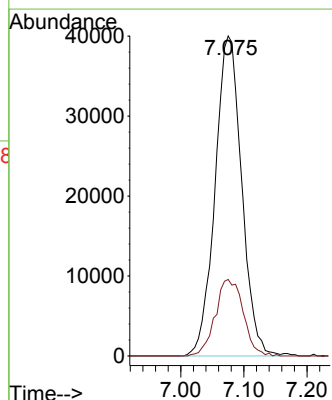
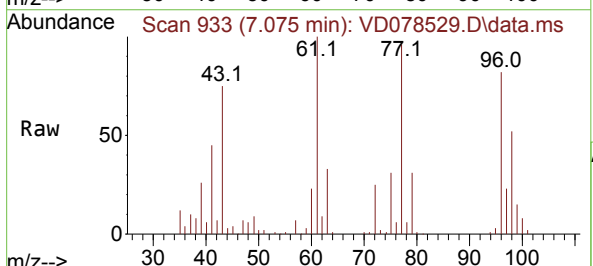
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

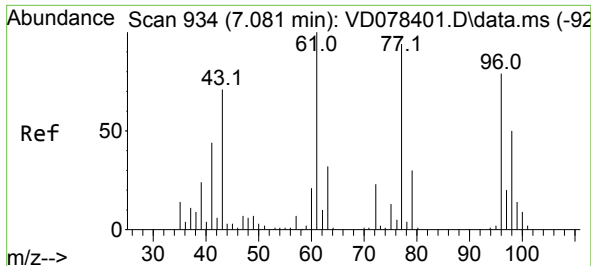
Tgt Ion: 43 Resp: 94848
Ion Ratio Lower Upper
43 100
72 32.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 49.232 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 77 Resp: 116915
Ion Ratio Lower Upper
77 100
97 25.1 13.2 39.6

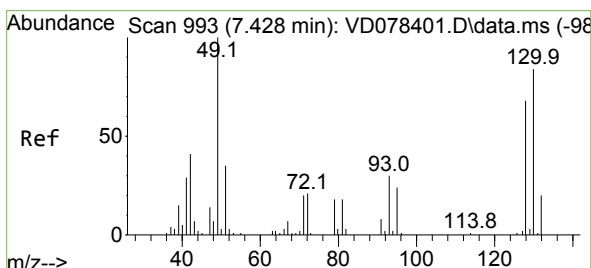
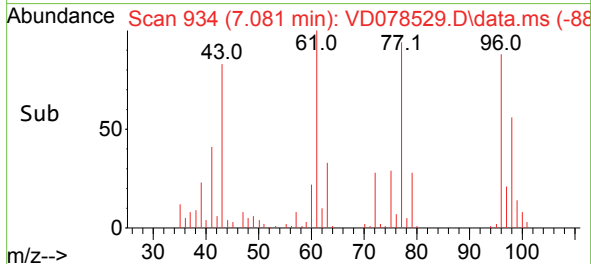
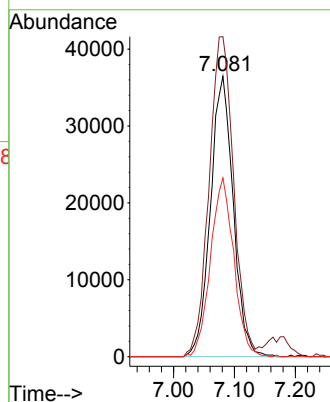
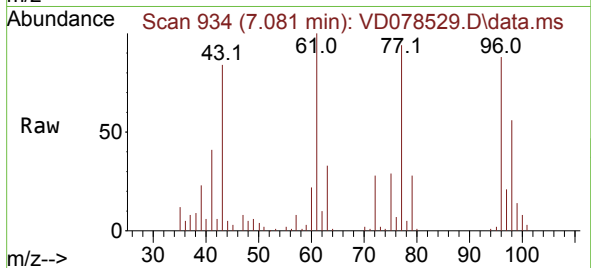




#27
 cis-1,2-Dichloroethene
 Concen: 50.031 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

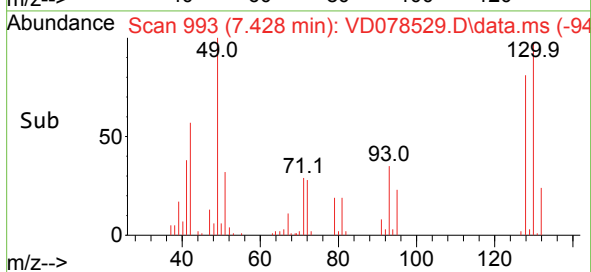
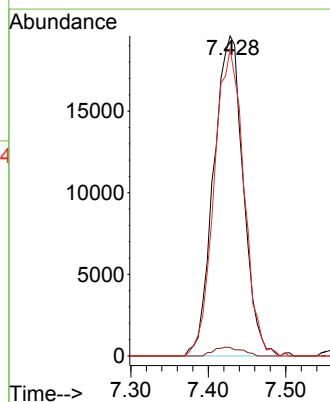
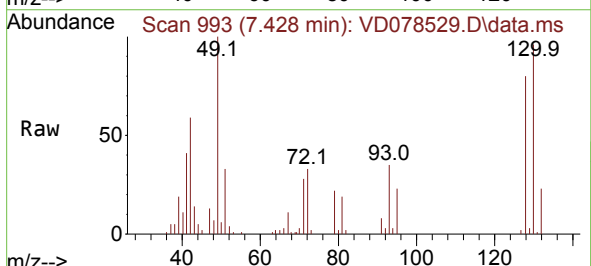
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

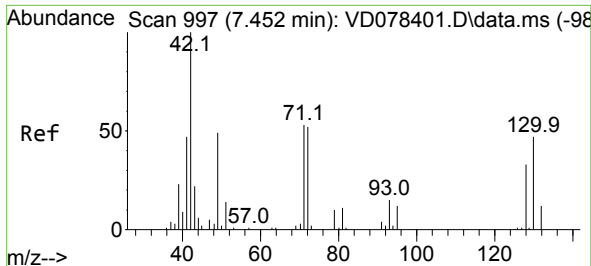
Tgt Ion: 96	Resp:	94838	
Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	239.2
98	65.1	0.0	128.6



#28
 Bromochloromethane
 Concen: 46.384 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

Tgt Ion: 49	Resp: 52044
Ion Ratio	Lower Upper
49 100	
129 2.6	0.0 6.0
130 96.3	83.2 124.8





#29

Tetrahydrofuran

Concen: 252.654 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

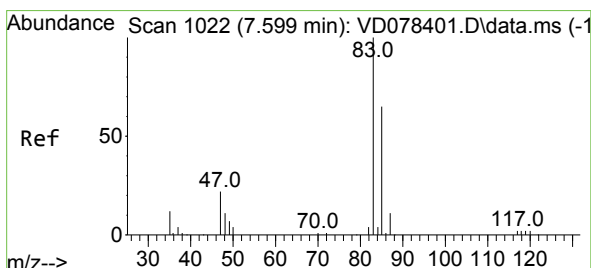
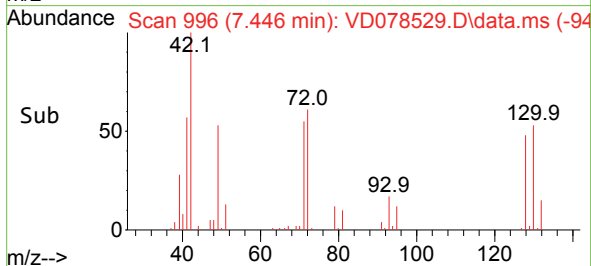
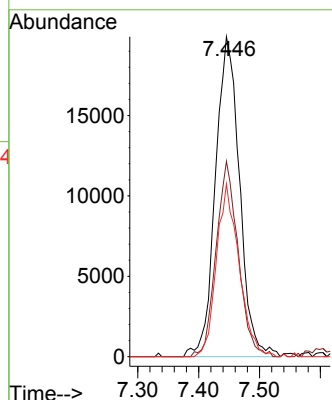
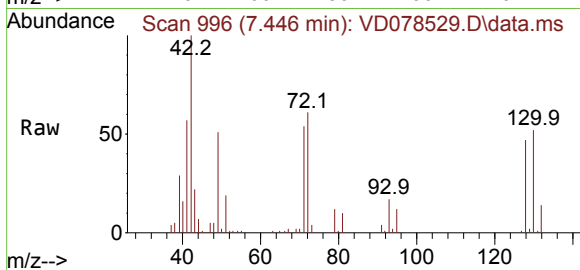
Tgt Ion: 42 Resp: 54733

Ion Ratio Lower Upper

42 100

72 55.8 46.5 69.7

71 50.5 44.5 66.7



#30

Chloroform

Concen: 49.518 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078529.D

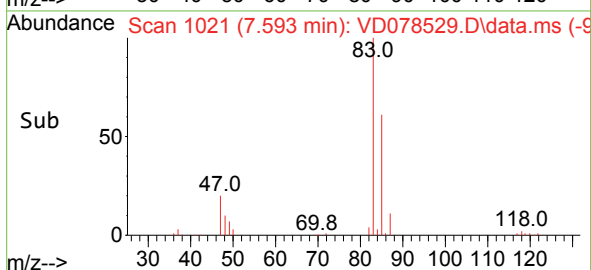
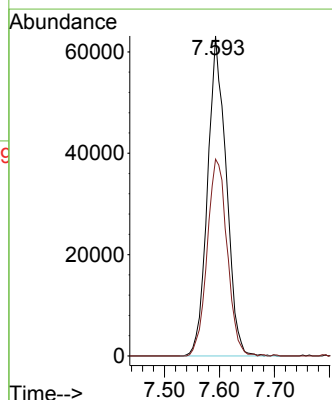
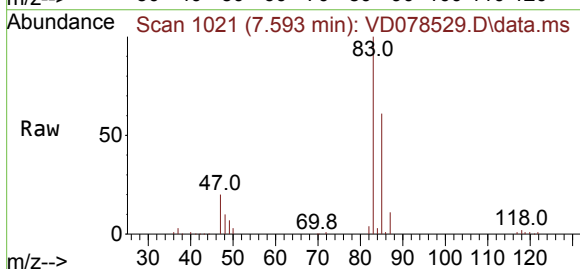
Acq: 23 Feb 2024 10:40

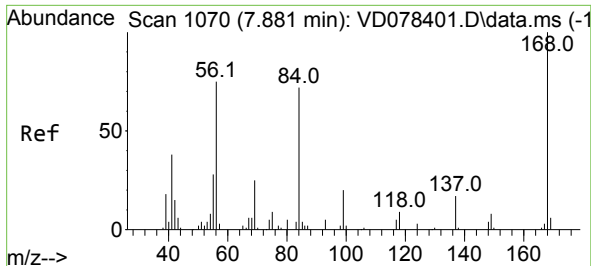
Tgt Ion: 83 Resp: 148420

Ion Ratio Lower Upper

83 100

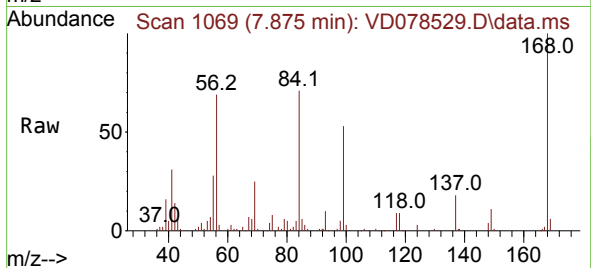
85 61.5 53.4 80.2



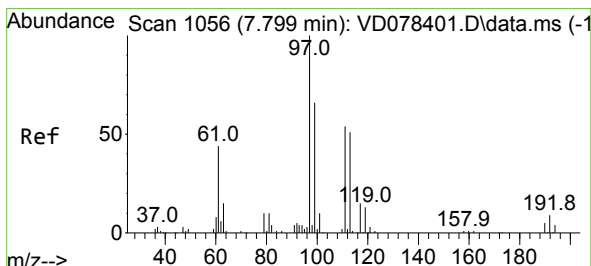
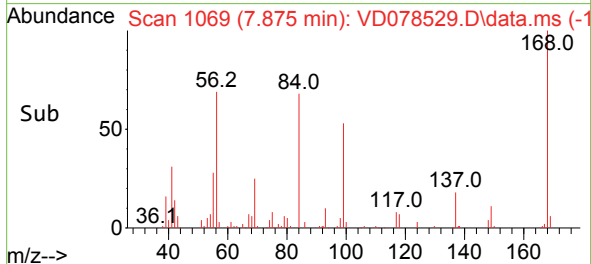
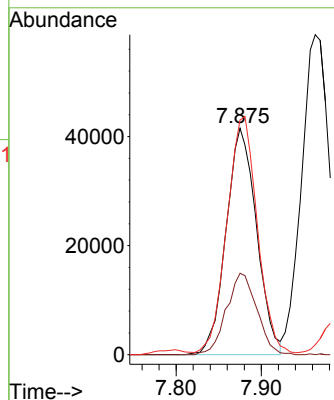


#31
Cyclohexane
Concen: 41.999 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

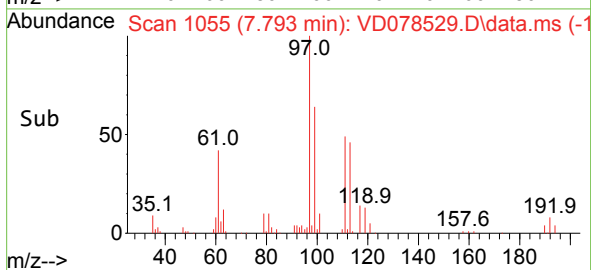
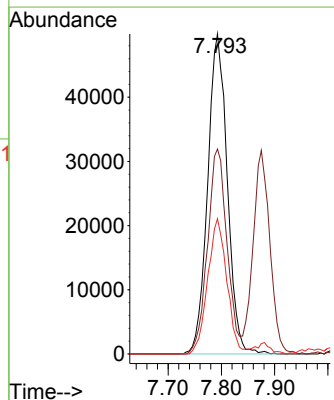
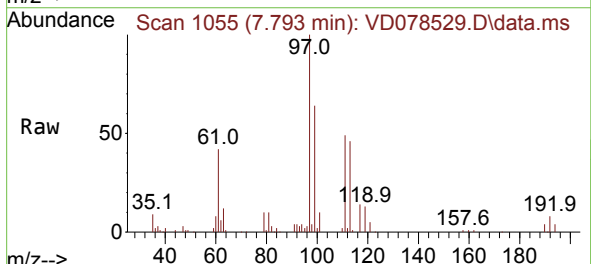


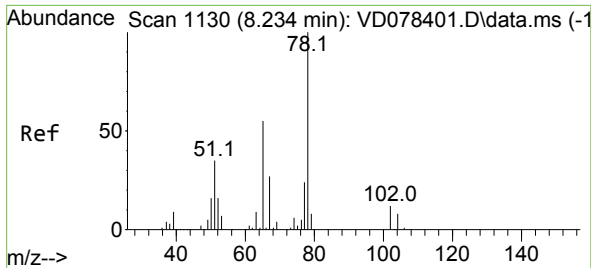
Tgt Ion: 56 Resp: 103490
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 101.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.965 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 97 Resp: 127684
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.208 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

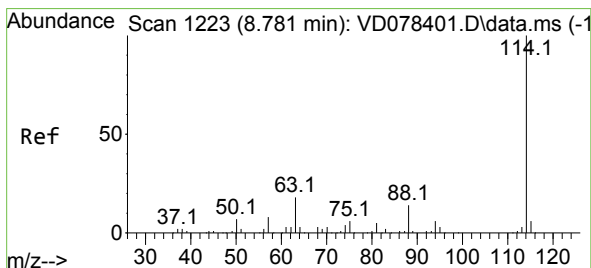
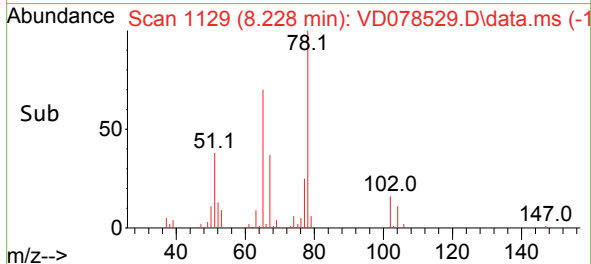
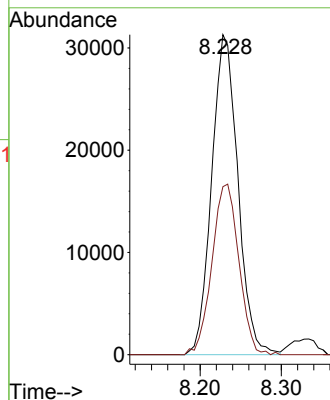
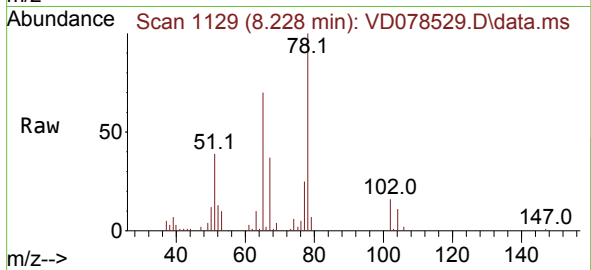
VSTDCCC050

Tgt Ion: 65 Resp: 70224

Ion Ratio Lower Upper

65 100

67 54.7 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: VD078529.D

Acq: 23 Feb 2024 10:40

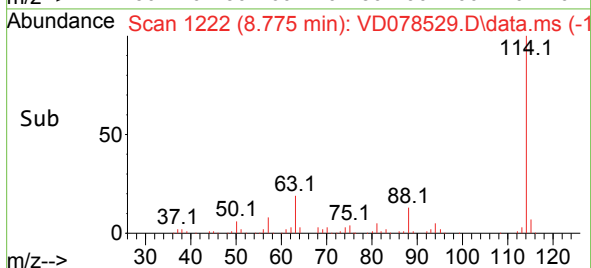
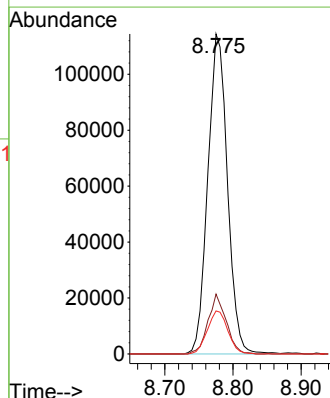
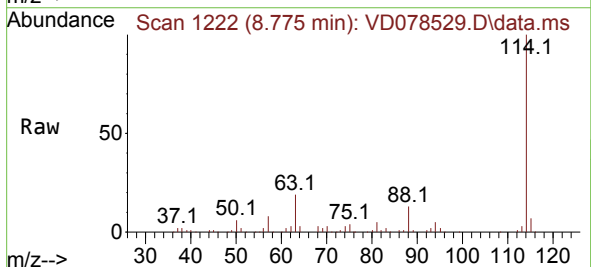
Tgt Ion: 114 Resp: 229243

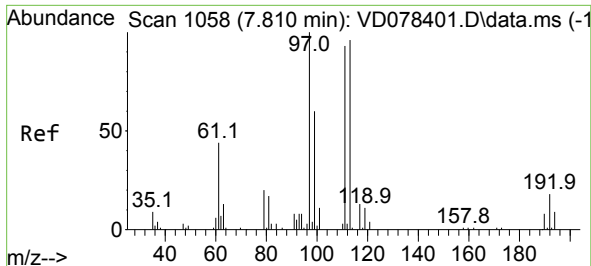
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.495 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

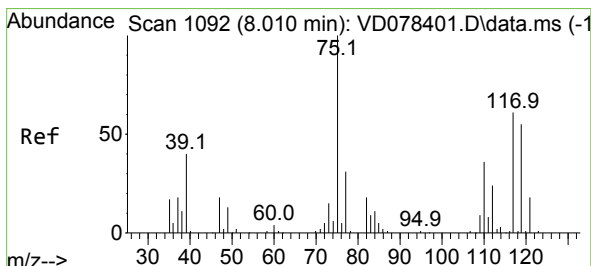
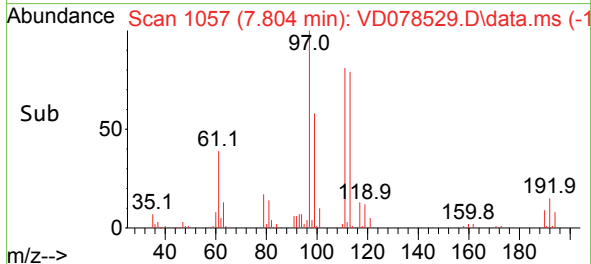
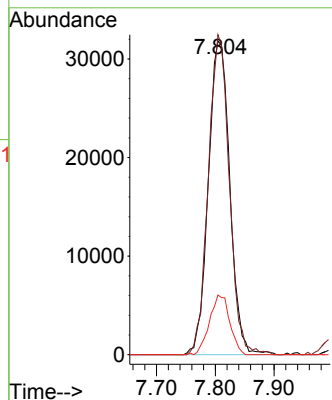
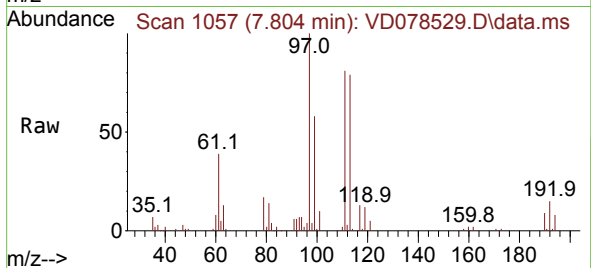
Tgt Ion:113 Resp: 80811

Ion Ratio Lower Upper

113 100

111 99.7 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.048 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

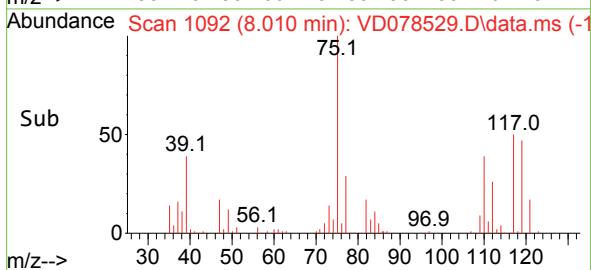
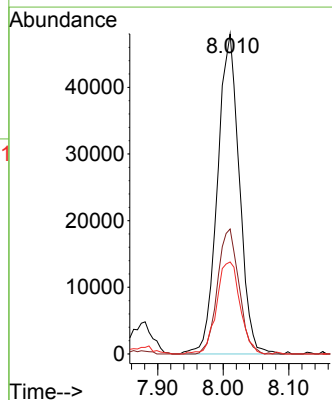
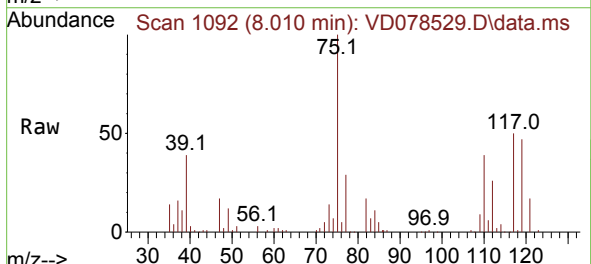
Tgt Ion: 75 Resp: 110955

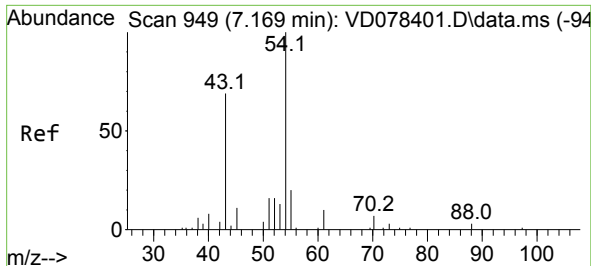
Ion Ratio Lower Upper

75 100

110 38.3 19.9 59.6

77 31.0 24.7 37.1

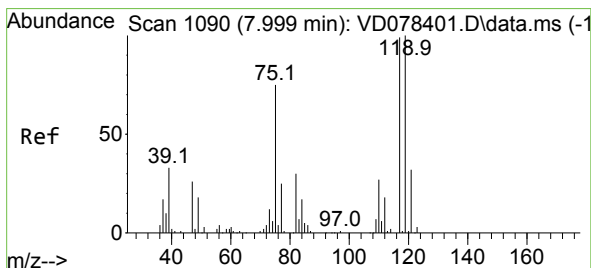
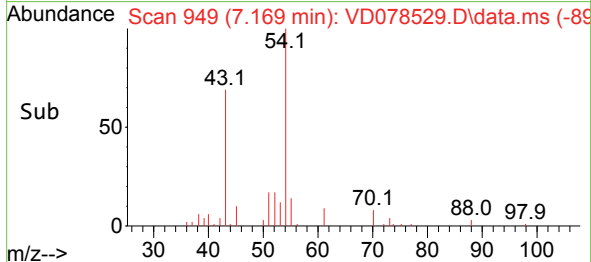
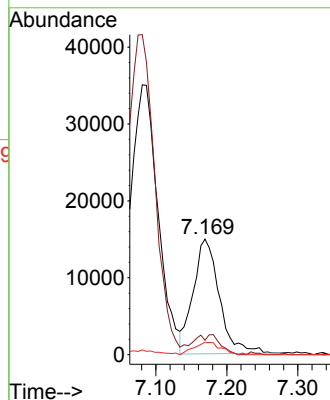
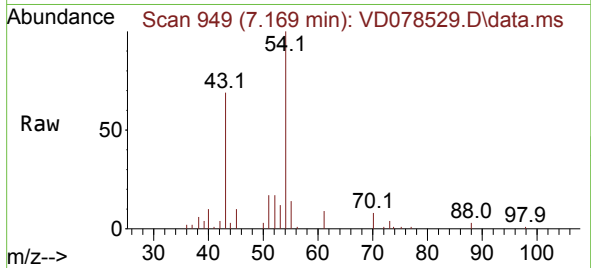




#37
Ethyl Acetate
Concen: 48.055 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

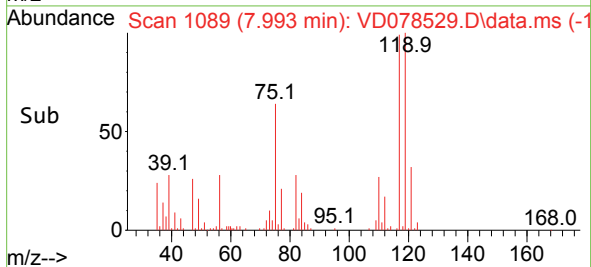
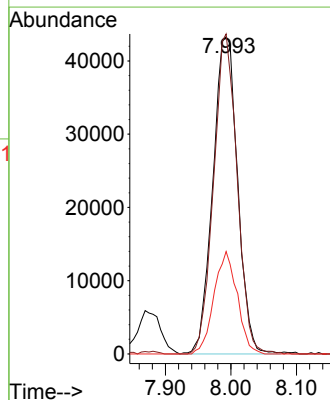
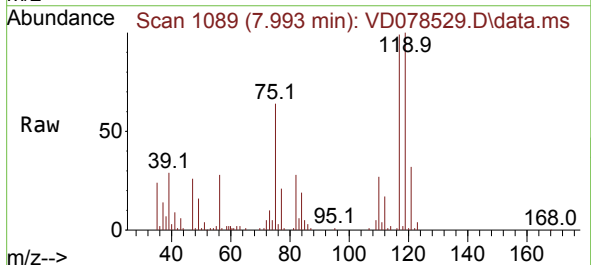
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

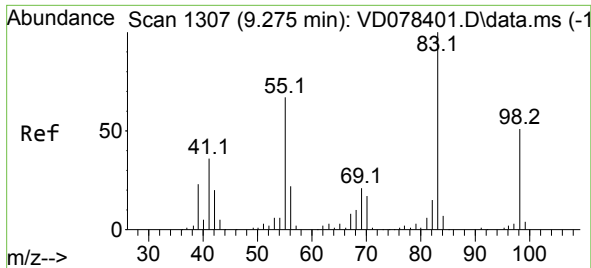
Tgt Ion: 43 Resp: 38107
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 11.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 50.681 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 117 Resp: 113540
Ion Ratio Lower Upper
117 100
119 100.8 78.0 117.0
121 32.3 24.2 36.2

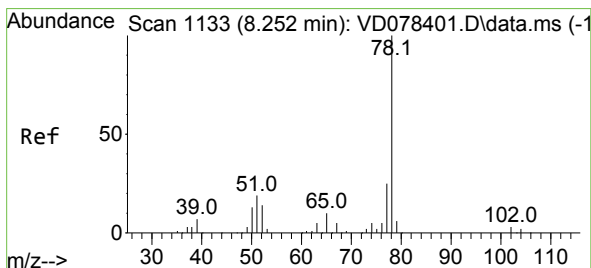
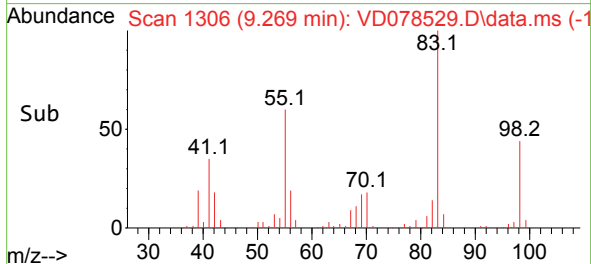
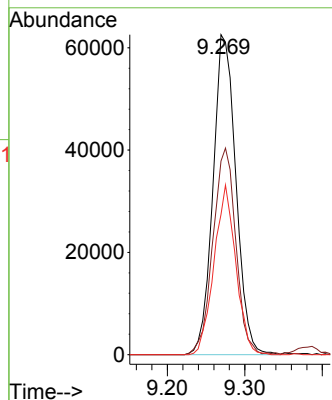
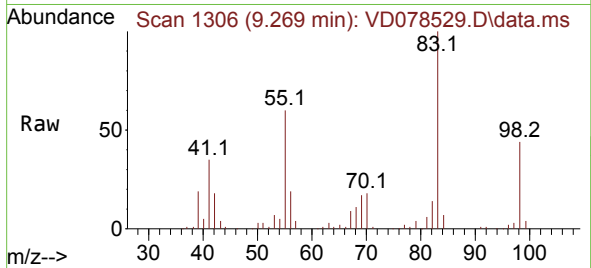




#39
Methylcyclohexane
Concen: 47.843 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

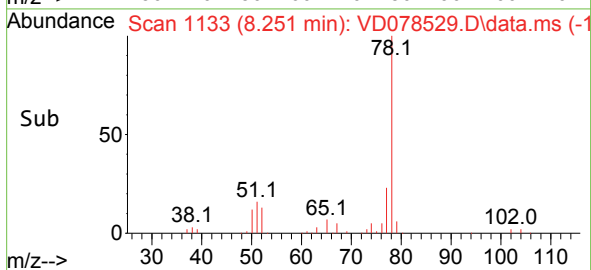
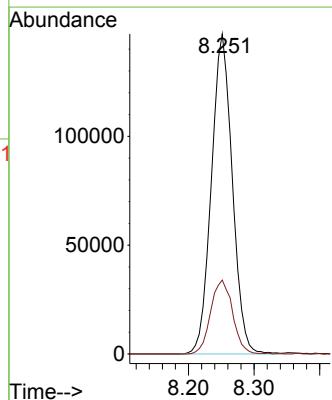
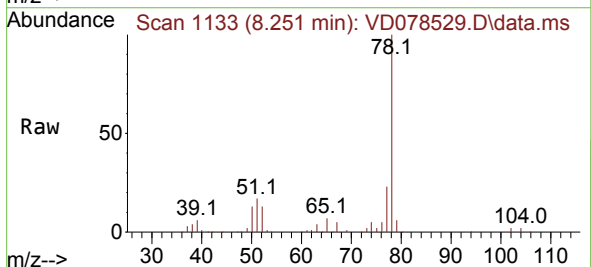
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

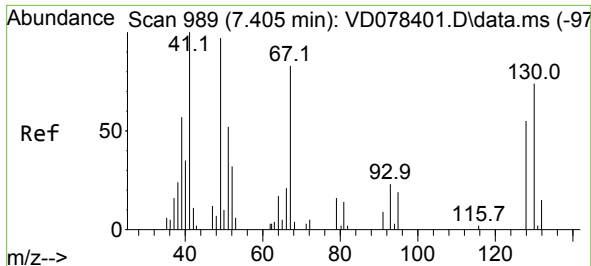
Tgt Ion: 83 Resp: 128486
Ion Ratio Lower Upper
83 100
55 60.5 49.4 74.0
98 43.8 38.4 57.6



#40
Benzene
Concen: 49.793 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 78 Resp: 325578
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0

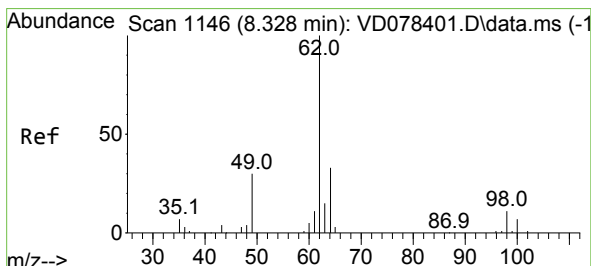
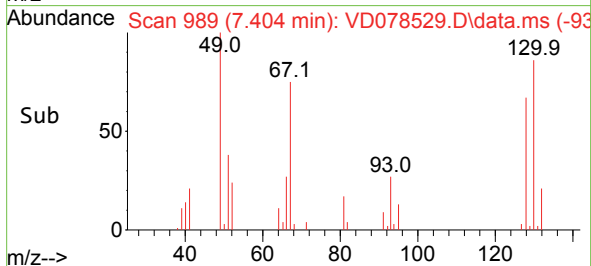
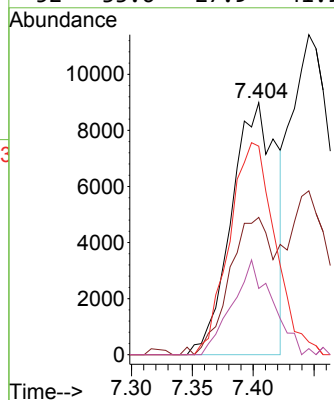
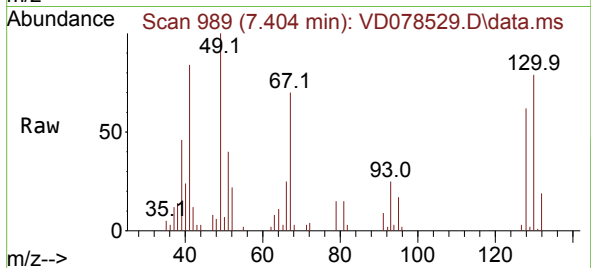




#41
Methacrylonitrile
Concen: 55.963 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

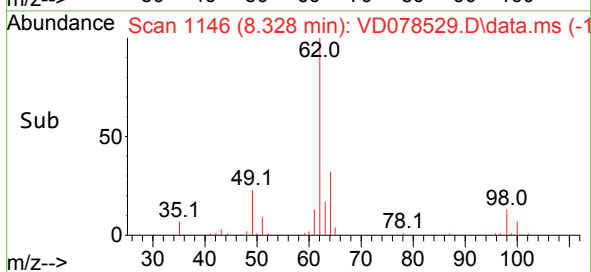
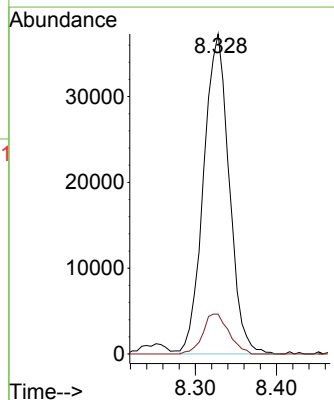
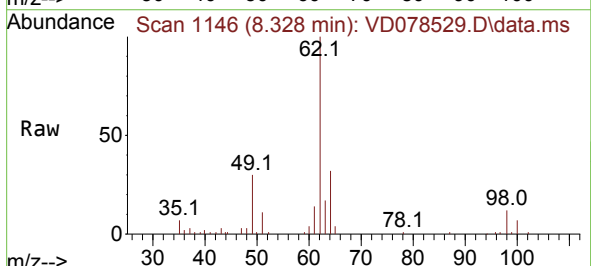
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

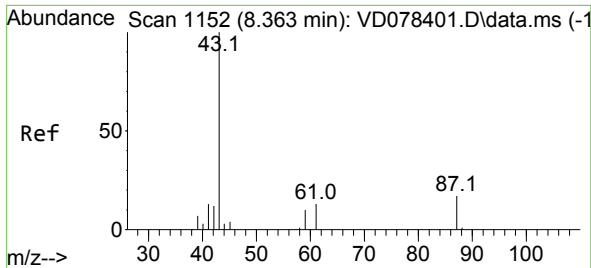
Tgt Ion:	41	Resp:	23096
Ion	Ratio	Lower	Upper
41	100		
39	50.2	34.0	51.0
67	85.7	77.0	115.4
52	33.6	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.190 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:	62	Resp:	81531
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	25.4

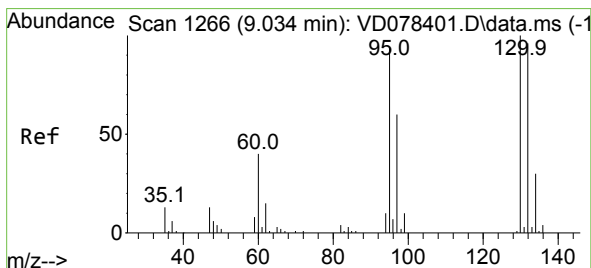
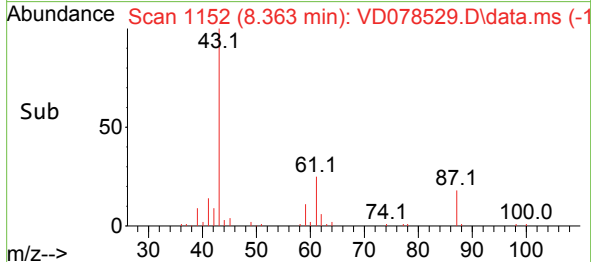
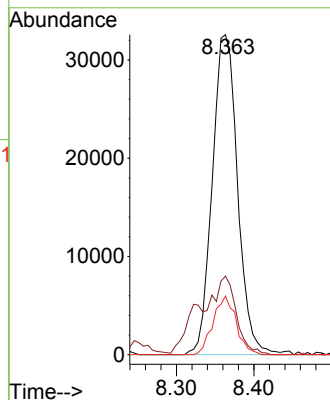
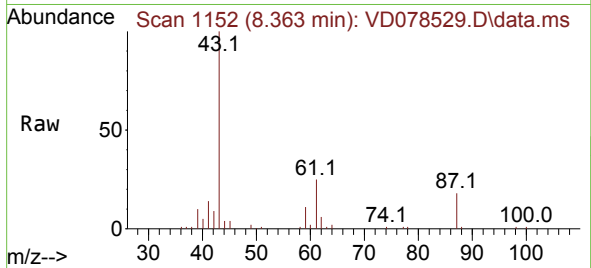




#43
Isopropyl Acetate
Concen: 50.250 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

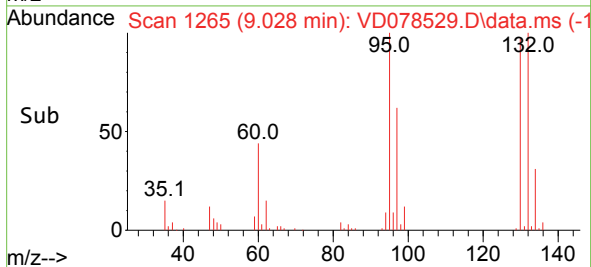
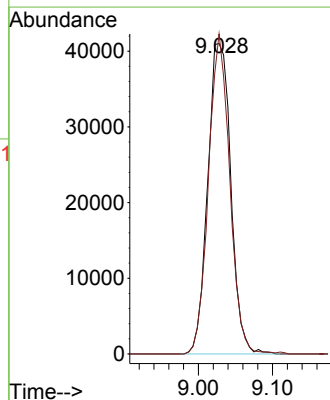
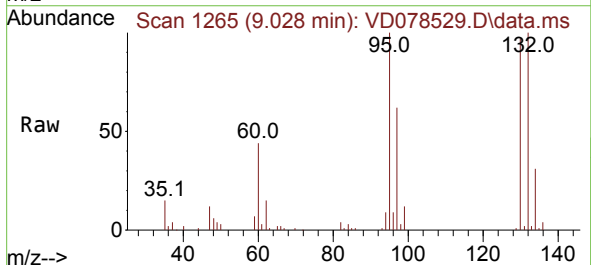
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

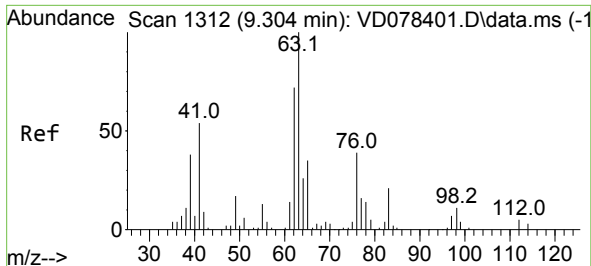
Tgt Ion: 43 Resp: 73788
Ion Ratio Lower Upper
43 100
61 21.9 31.4 47.0#
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 53.307 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:130 Resp: 88923
Ion Ratio Lower Upper
130 100
95 103.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.280 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

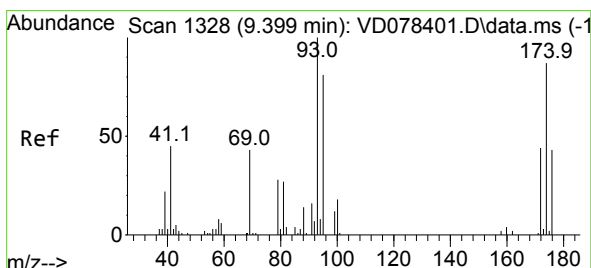
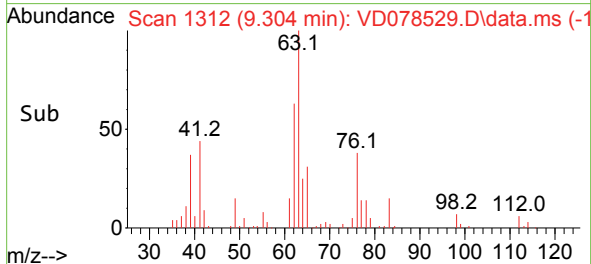
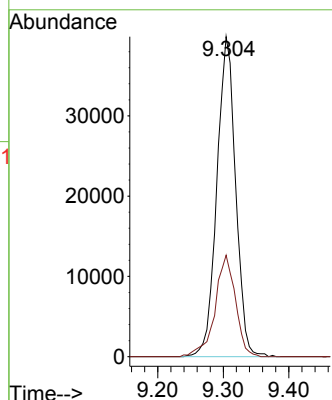
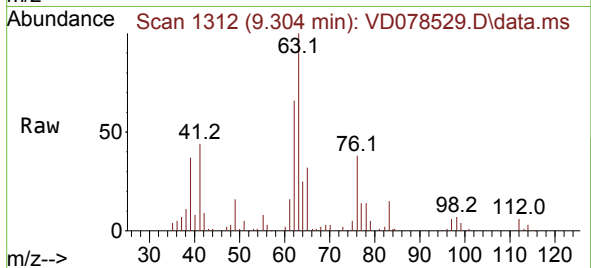
VSTDCCC050

Tgt Ion: 63 Resp: 79059

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 52.747 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

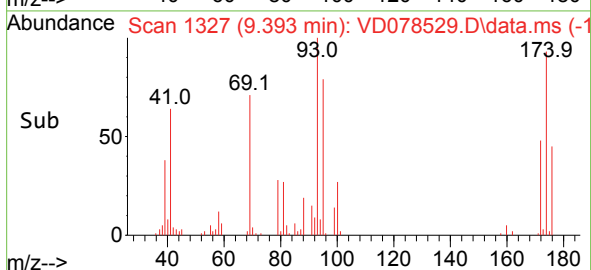
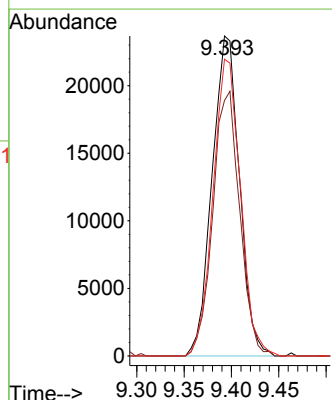
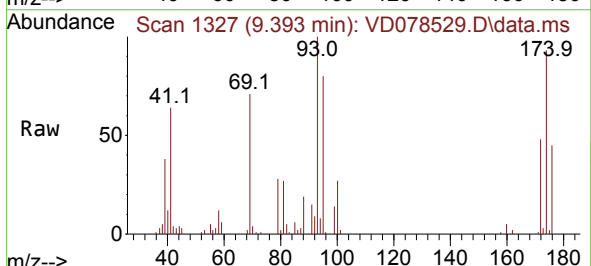
Tgt Ion: 93 Resp: 47597

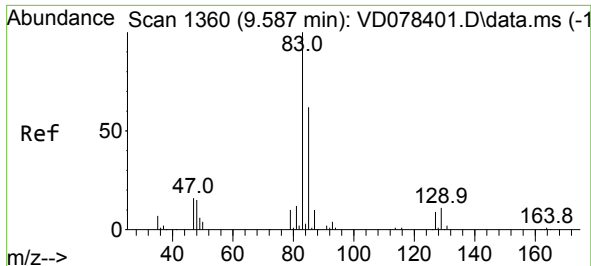
Ion Ratio Lower Upper

93 100

95 81.6 67.7 101.5

174 93.0 85.4 128.2

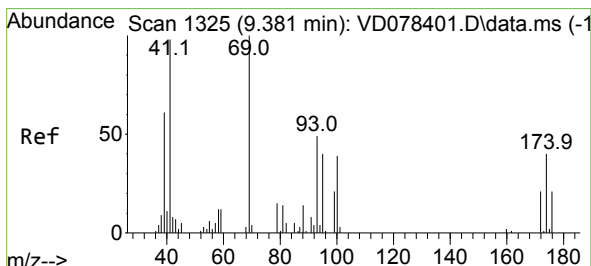
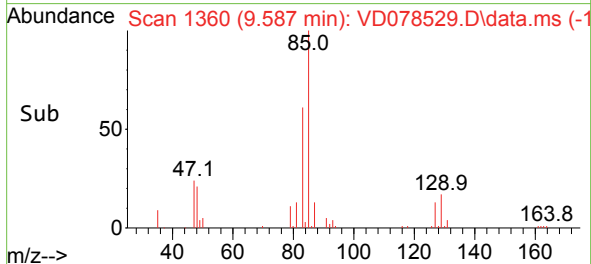
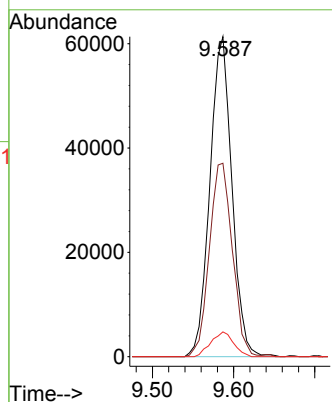
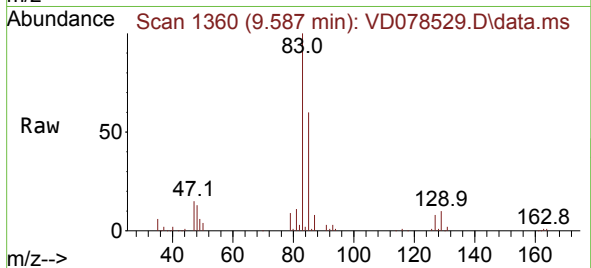




#47
Bromodichloromethane
Concen: 51.632 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

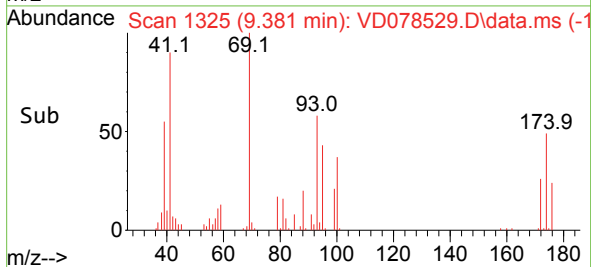
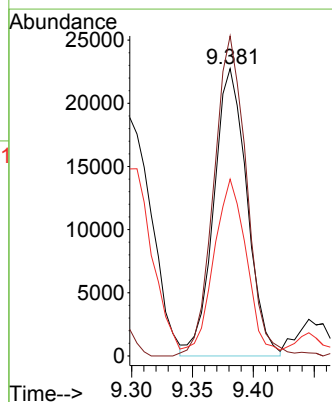
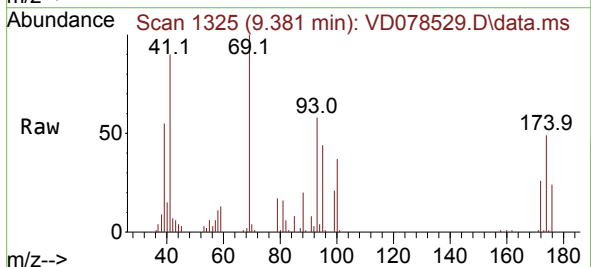
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

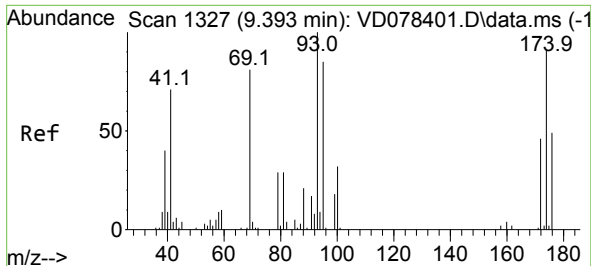
Tgt Ion: 83 Resp: 115398
Ion Ratio Lower Upper
83 100
85 60.4 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 55.312 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 41 Resp: 43091
Ion Ratio Lower Upper
41 100
69 110.3 102.2 153.2
39 56.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1091.561 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

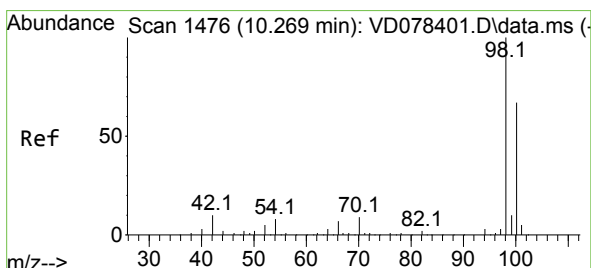
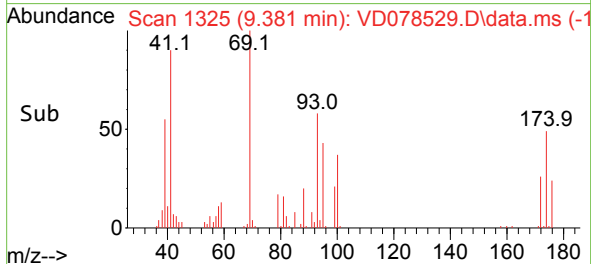
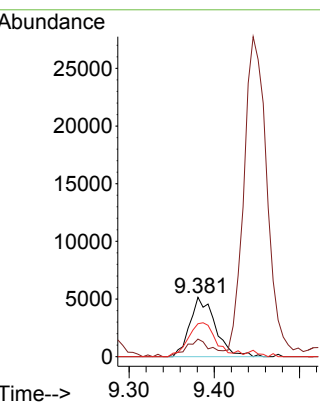
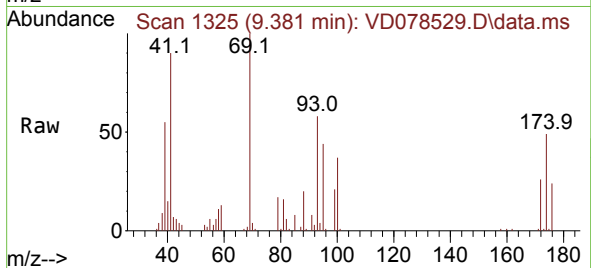
Tgt Ion: 88 Resp: 10667

Ion Ratio Lower Upper

88 100

43 28.2 19.0 28.6

58 60.7 43.5 65.3



#50

Toluene-d8

Concen: 51.571 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078529.D

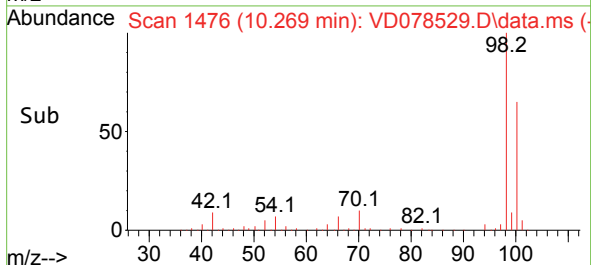
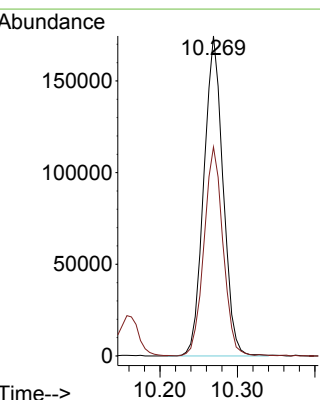
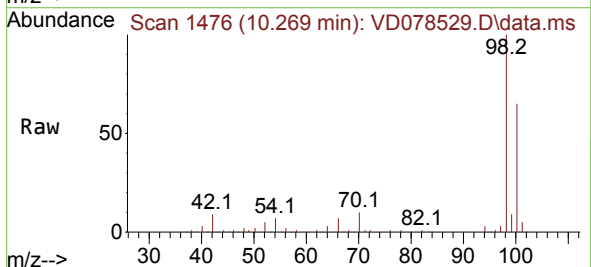
Acq: 23 Feb 2024 10:40

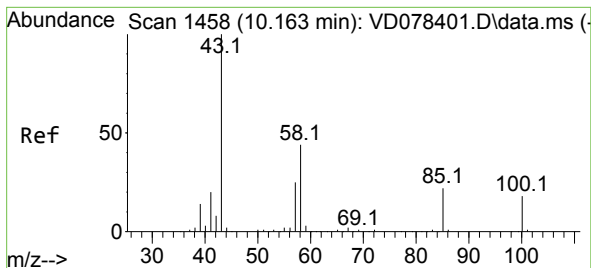
Tgt Ion: 98 Resp: 300409

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

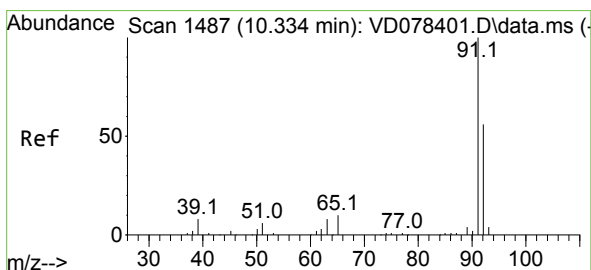
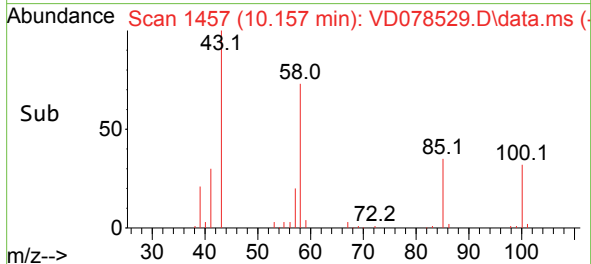
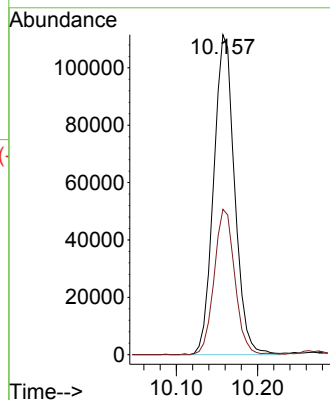
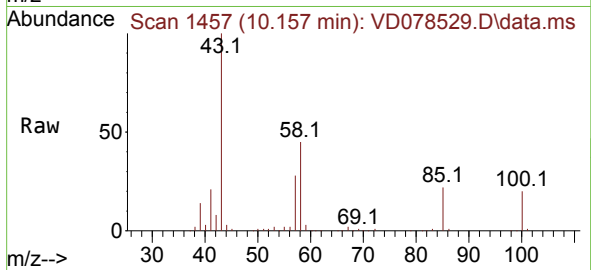




#51
4-Methyl-2-Pentanone
Concen: 256.926 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

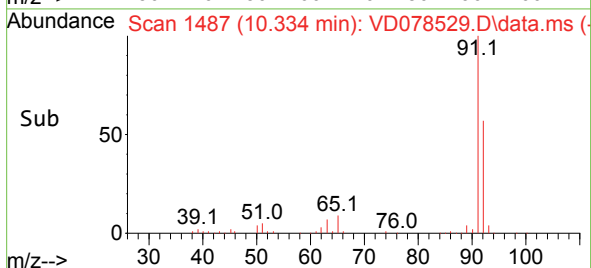
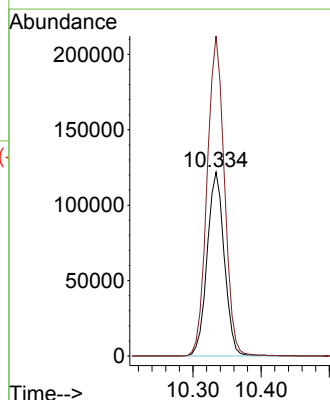
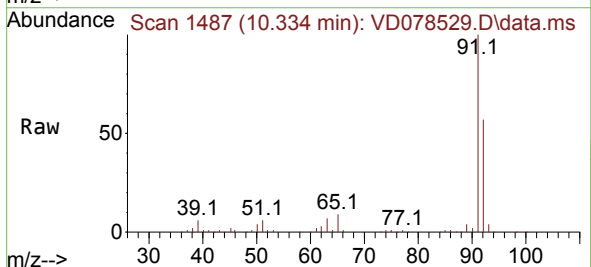
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

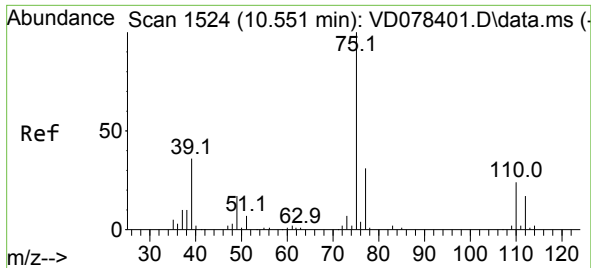
Tgt Ion: 43 Resp: 200239
Ion Ratio Lower Upper
43 100
58 44.8 38.9 58.3



#52
Toluene
Concen: 51.559 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 92 Resp: 213193
Ion Ratio Lower Upper
92 100
91 175.5 143.0 214.4

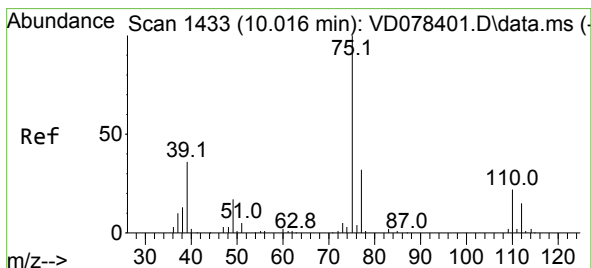
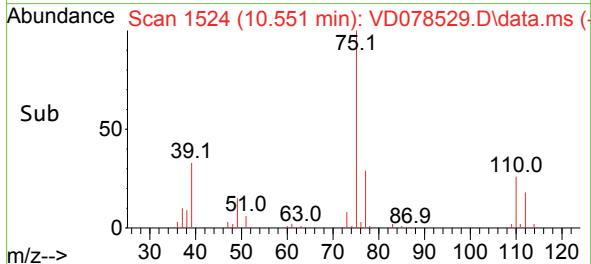
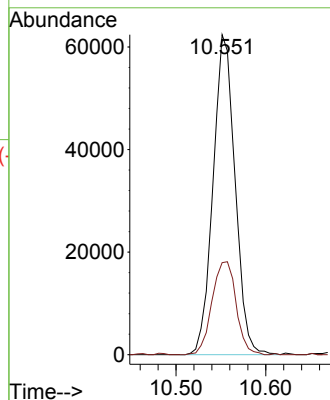
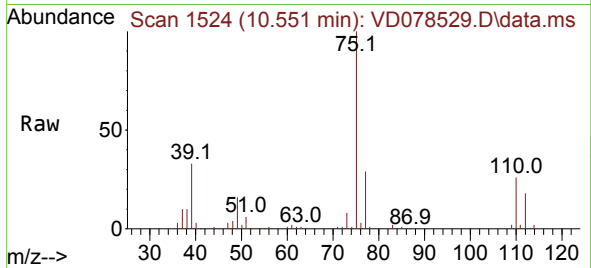




#53
 t-1,3-Dichloropropene
 Concen: 52.064 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

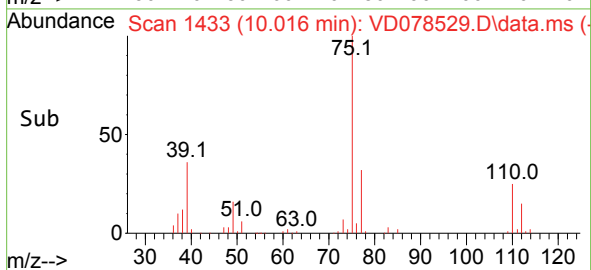
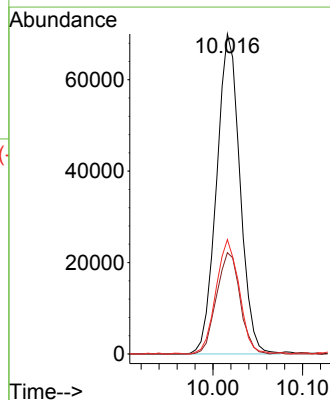
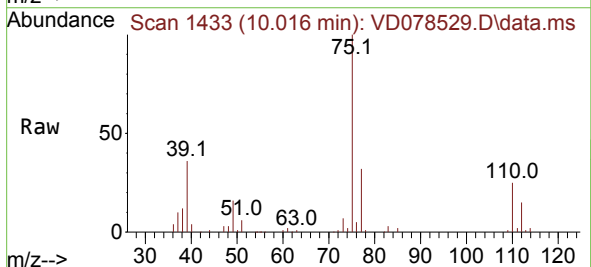
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

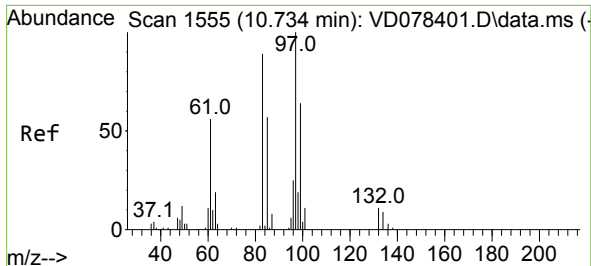
Tgt Ion: 75 Resp: 106179
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.167 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078529.D
 Acq: 23 Feb 2024 10:40

Tgt Ion: 75 Resp: 126532
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.5 38.3
 39 35.5 22.1 33.1#

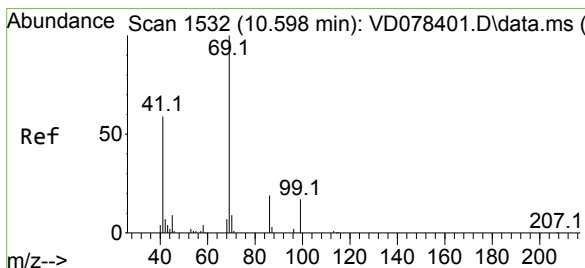
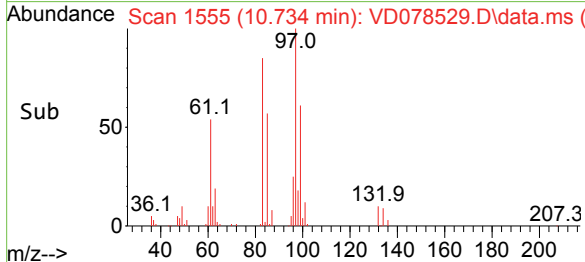
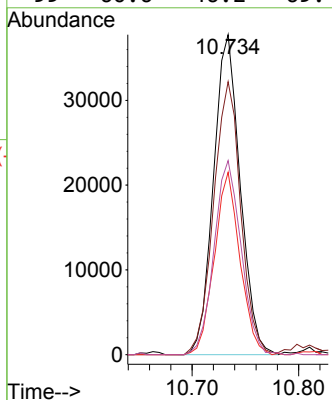
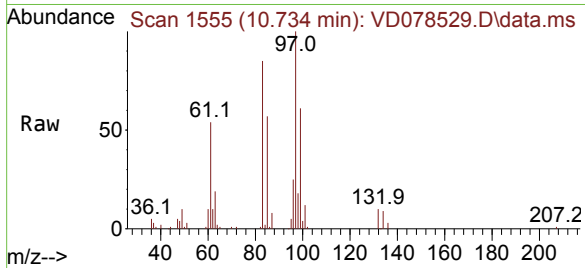




#55
1,1,2-Trichloroethane
Concen: 54.112 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

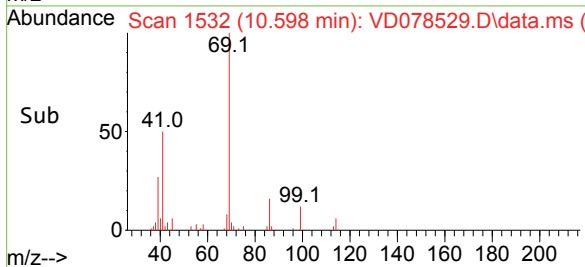
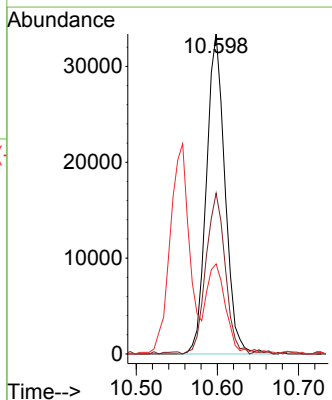
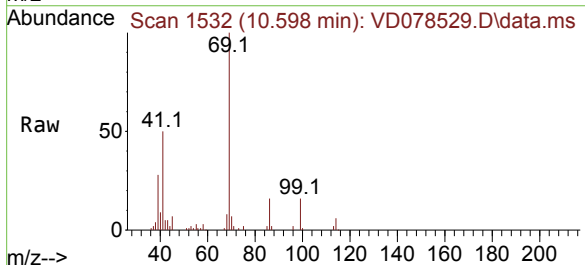
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

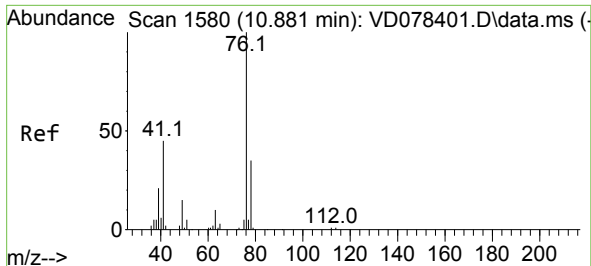
Tgt Ion: 97	Resp: 65757
Ion Ratio	Lower Upper
97 100	
83 85.3	65.8 98.6
85 57.0	45.7 68.5
99 60.6	46.2 69.4



#56
Ethyl methacrylate
Concen: 47.271 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 69	Resp: 53127
Ion Ratio	Lower Upper
69 100	
41 52.2	39.1 58.7
39 28.9	20.0 30.0





#57

1,3-Dichloropropane

Concen: 50.703 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

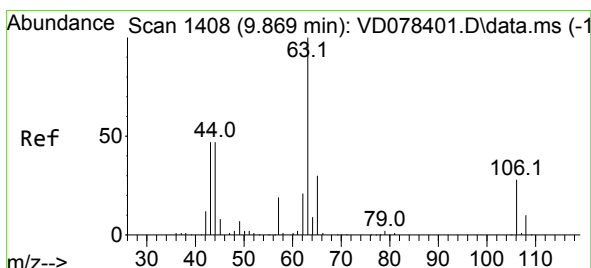
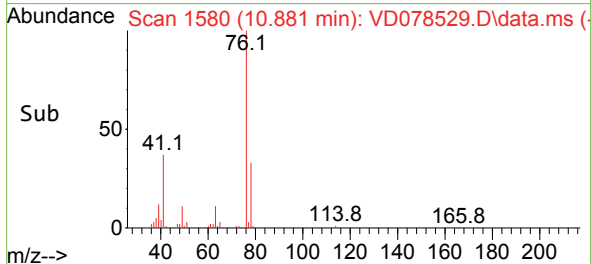
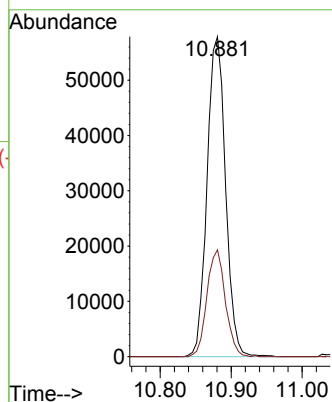
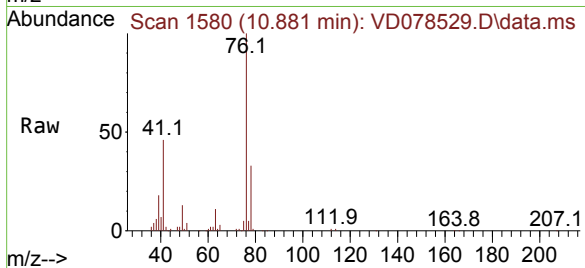
VSTDCCC050

Tgt Ion: 76 Resp: 104811

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 248.910 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078529.D

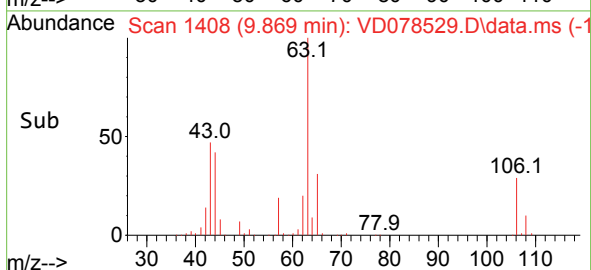
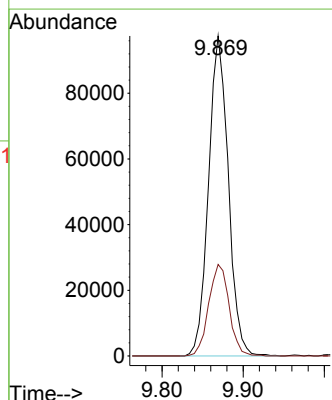
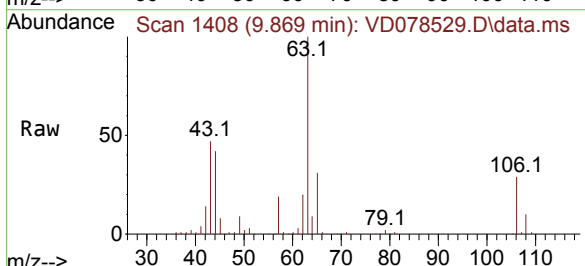
Acq: 23 Feb 2024 10:40

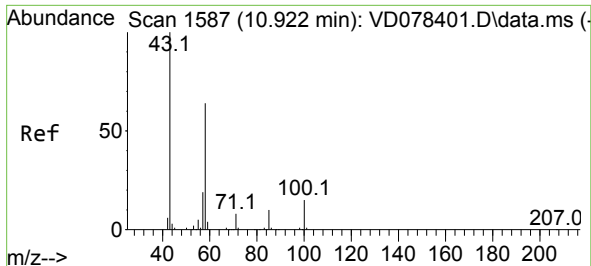
Tgt Ion: 63 Resp: 164783

Ion Ratio Lower Upper

63 100

106 29.5 25.3 37.9

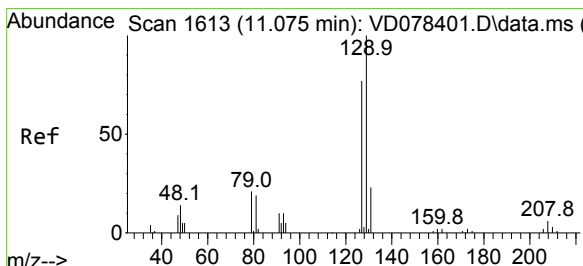
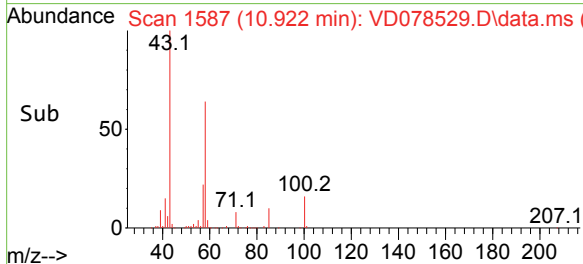
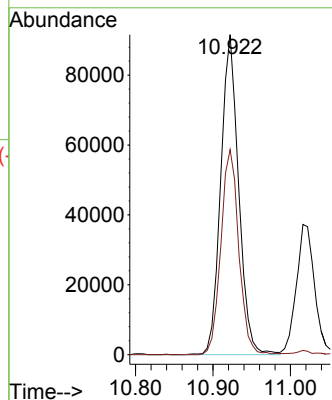
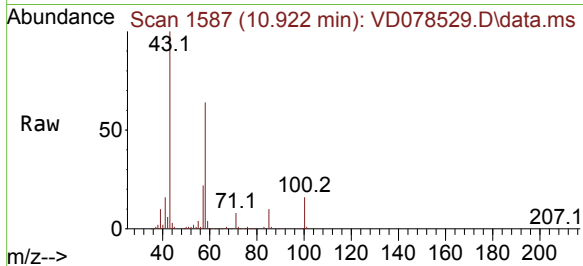




#59
2-Hexanone
Concen: 250.822 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

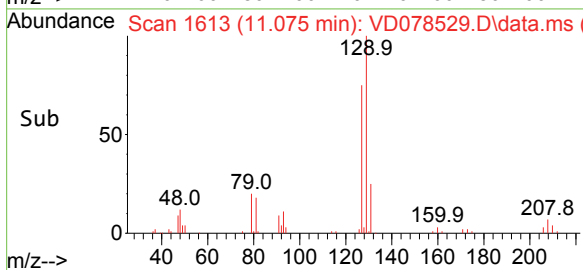
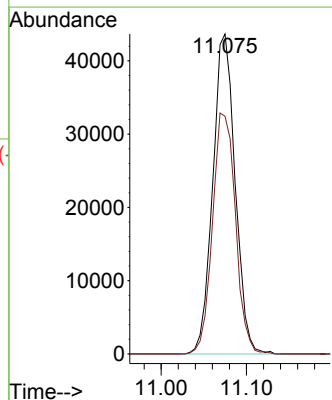
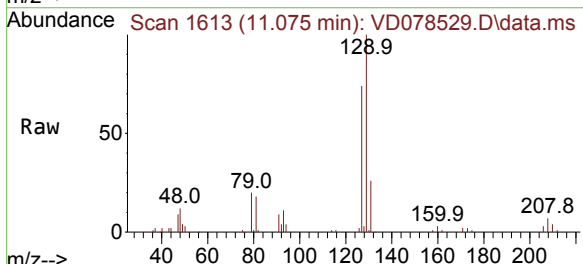
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

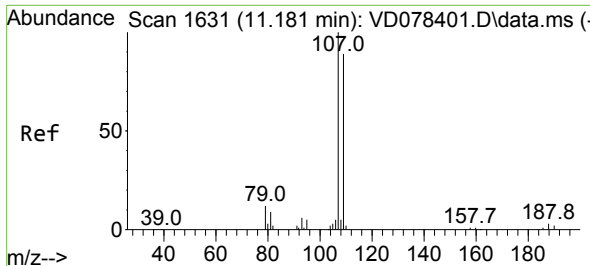
Tgt Ion: 43 Resp: 146907
Ion Ratio Lower Upper
43 100
58 64.1 34.1 102.2



#60
Dibromochloromethane
Concen: 54.438 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 129 Resp: 79594
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

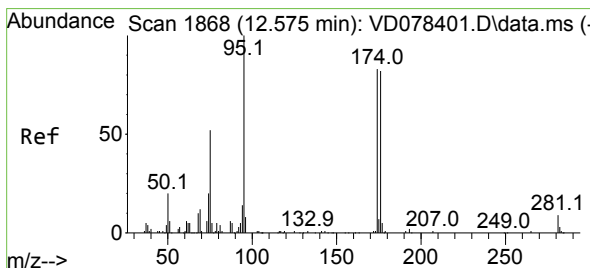
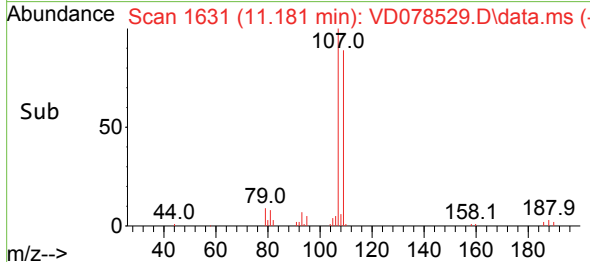
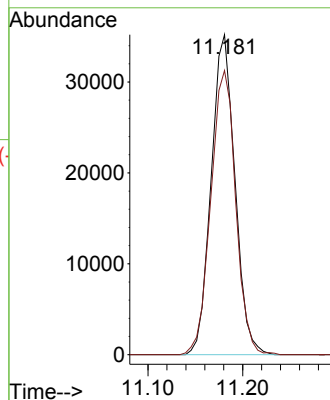
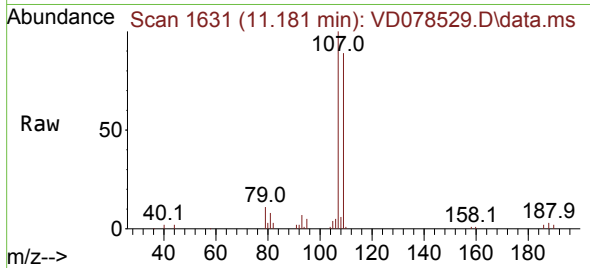




#61
1,2-Dibromoethane
Concen: 53.718 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

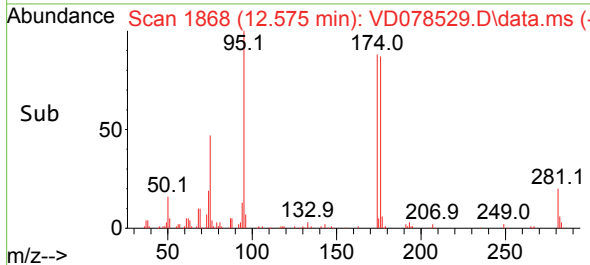
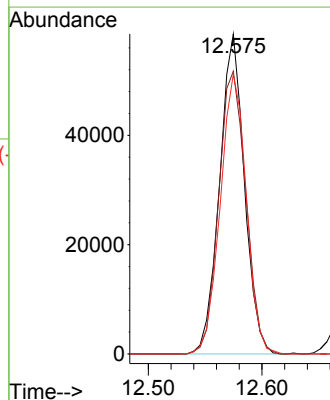
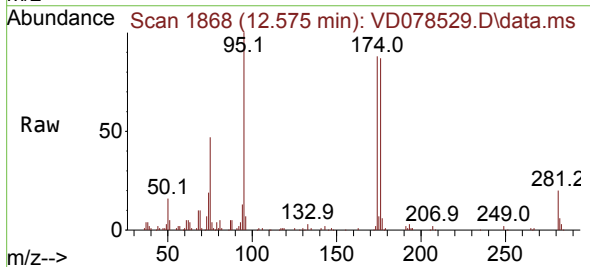
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

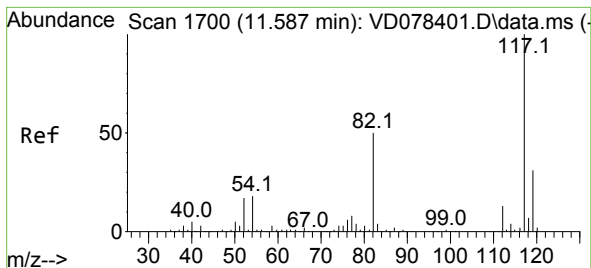
Tgt Ion:107 Resp: 61284
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 95 Resp: 88976
Ion Ratio Lower Upper
95 100
174 96.1 0.0 201.8
176 91.6 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: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

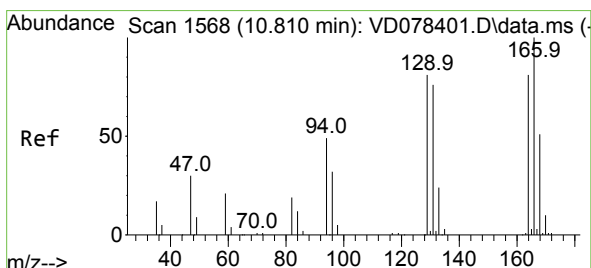
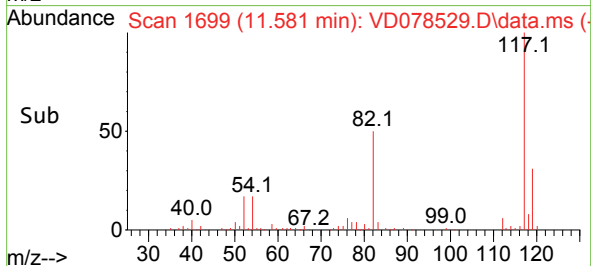
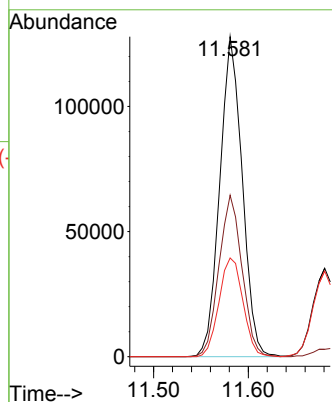
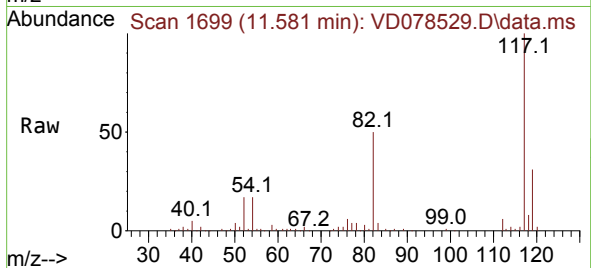
Tgt Ion:117 Resp: 210969

Ion Ratio Lower Upper

117 100

82 50.5 38.3 57.5

119 30.9 25.0 37.4



#64

Tetrachloroethene

Concen: 52.304 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Tgt Ion:164 Resp: 69697

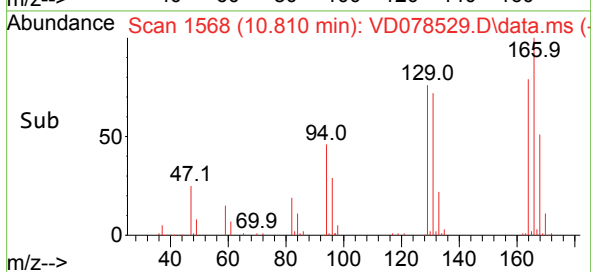
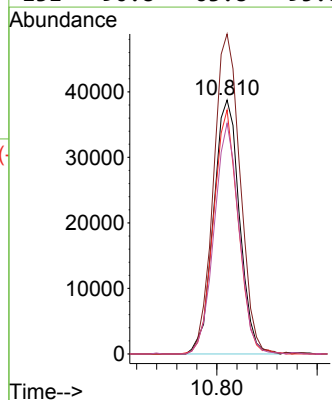
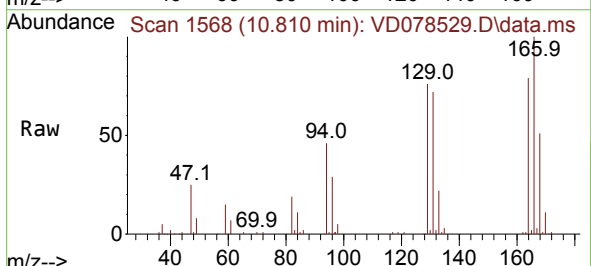
Ion Ratio Lower Upper

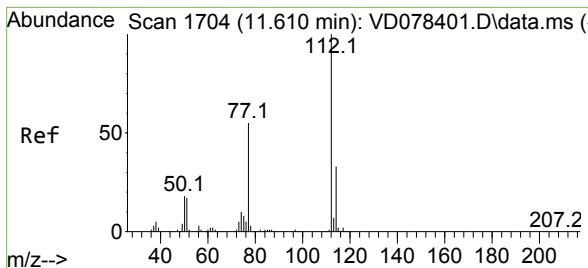
164 100

166 126.0 99.2 148.8

129 96.1 68.4 102.6

131 90.8 63.8 95.8

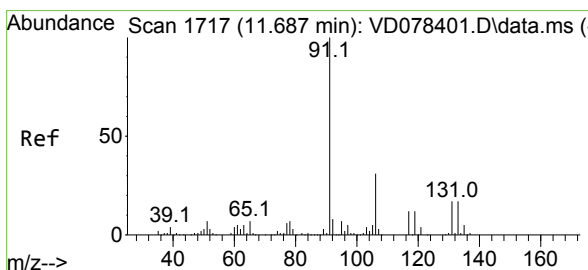
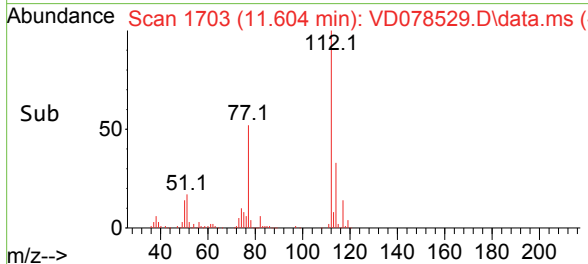
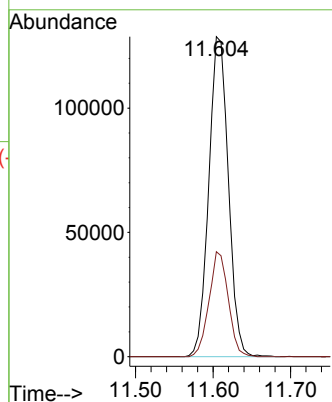
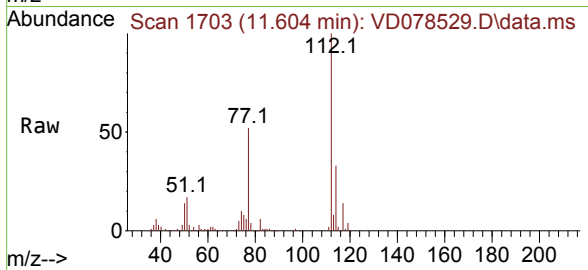




#65
Chlorobenzene
Concen: 53.281 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

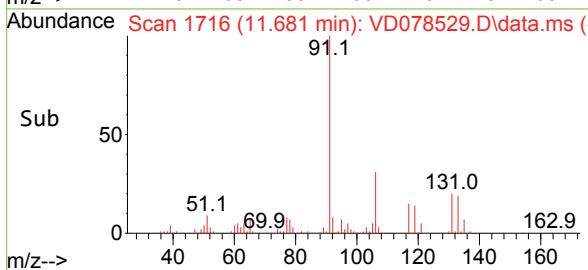
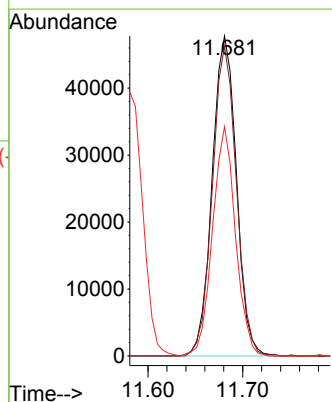
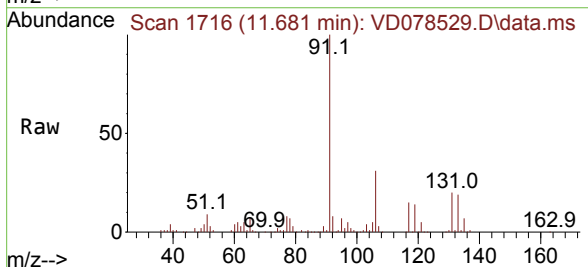
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

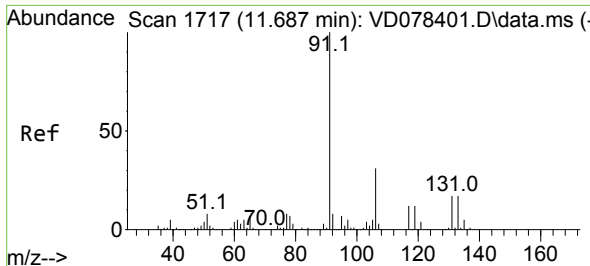
Tgt Ion:112 Resp: 225982
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.413 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:131 Resp: 84812
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 68.0 35.6 106.9

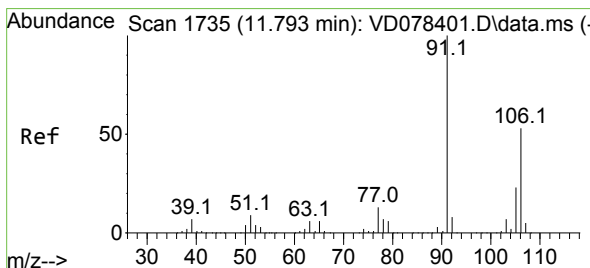
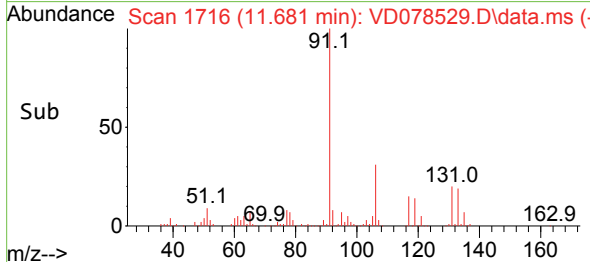
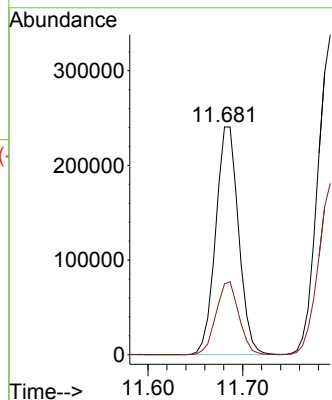
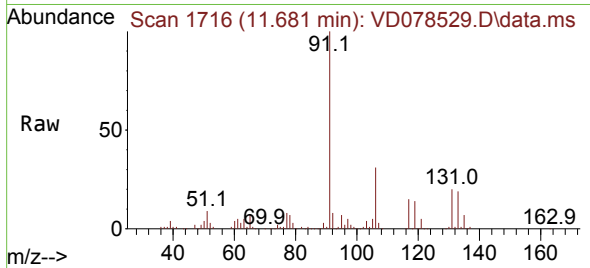




#67
Ethyl Benzene
Concen: 53.298 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

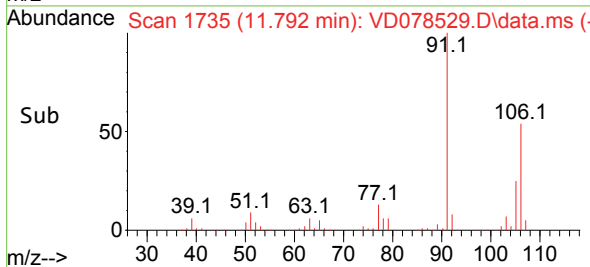
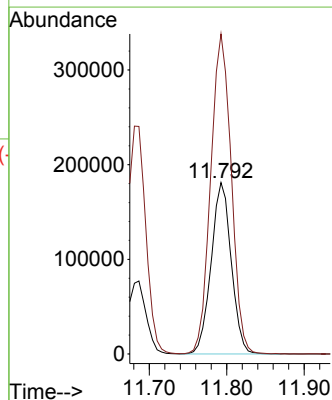
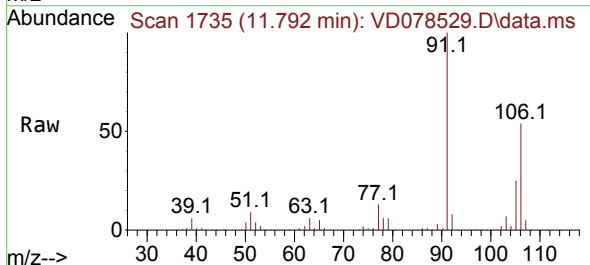
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

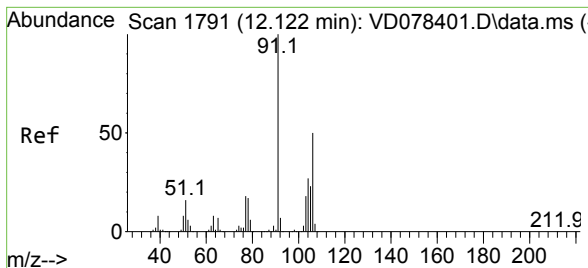
Tgt Ion: 91 Resp: 405028
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 110.027 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 106 Resp: 326148
Ion Ratio Lower Upper
106 100
91 191.3 147.0 220.6

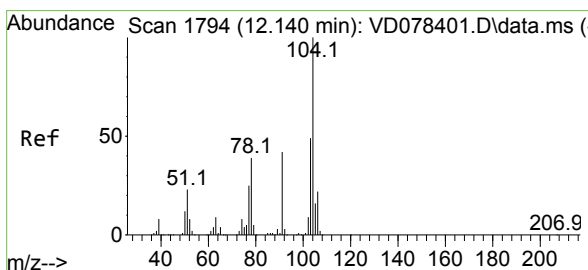
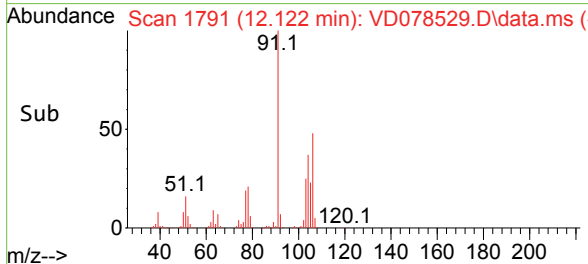
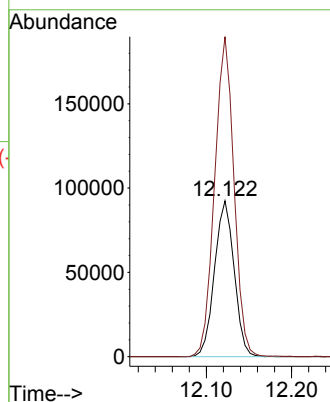
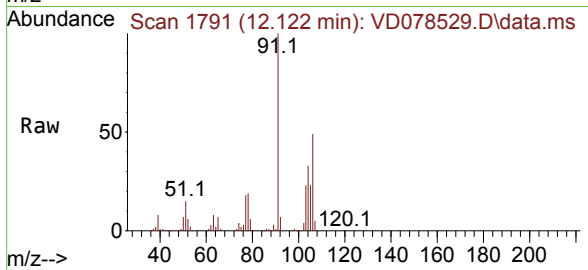




#69
o-Xylene
Concen: 54.782 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

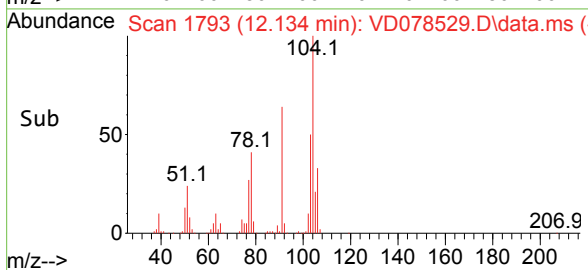
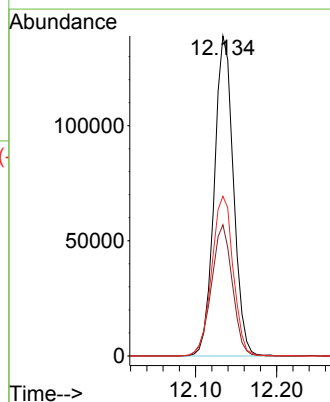
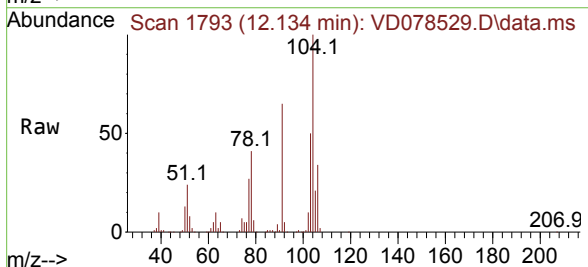
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

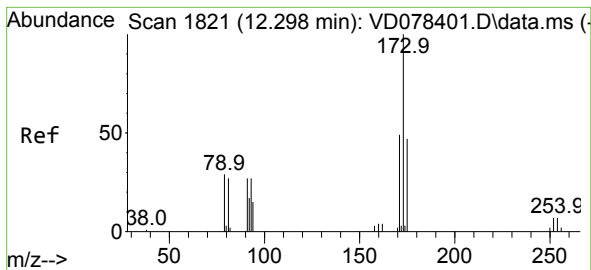
Tgt Ion:106 Resp: 148189
Ion Ratio Lower Upper
106 100
91 202.6 97.9 293.6



#70
Styrene
Concen: 51.654 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:104 Resp: 228040
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 55.8 43.6 65.4





#71

Bromoform

Concen: 55.624 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

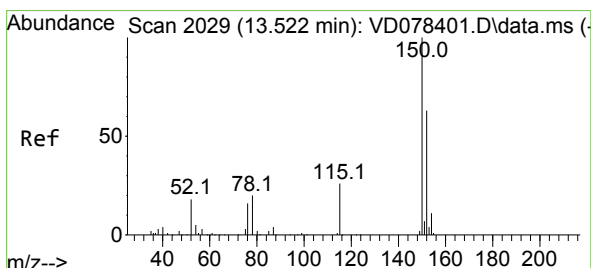
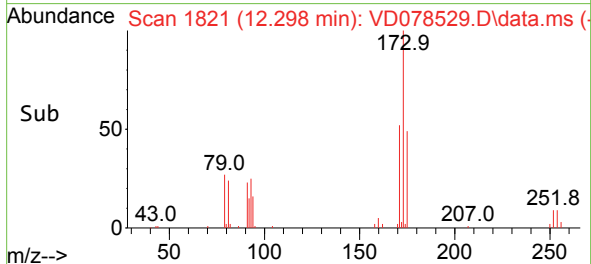
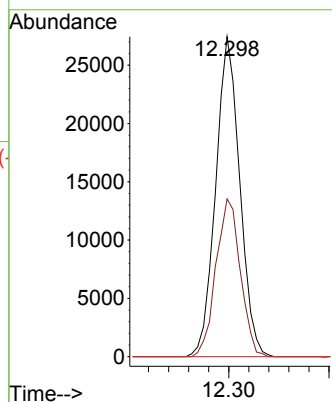
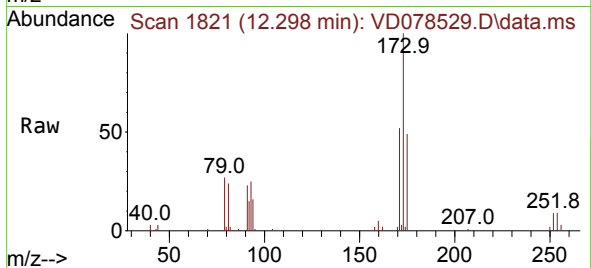
Tgt Ion:173 Resp: 45633

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

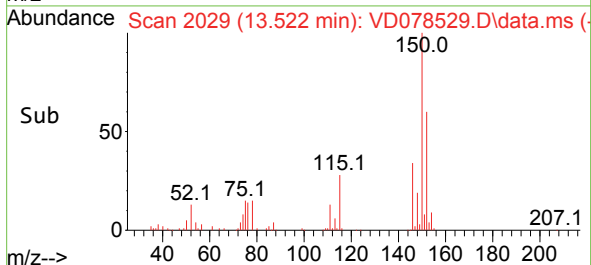
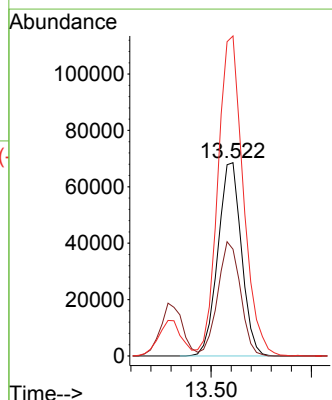
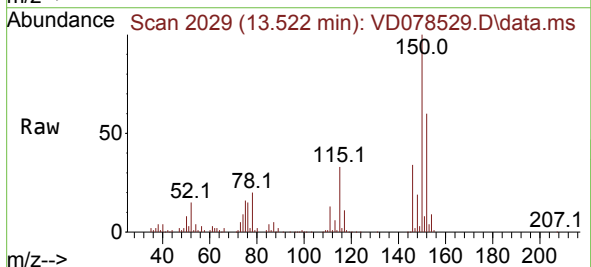
Tgt Ion:152 Resp: 111546

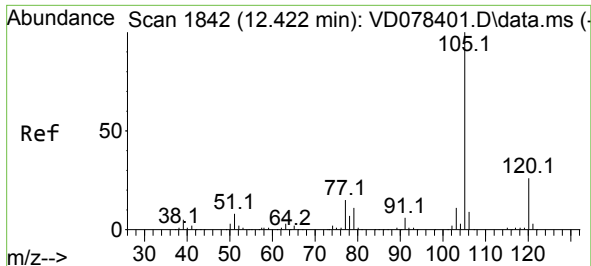
Ion Ratio Lower Upper

152 100

115 57.1 27.1 81.3

150 178.7 0.0 353.6

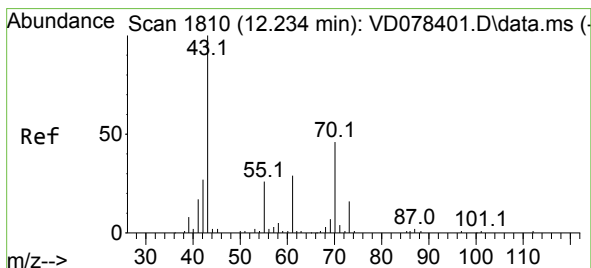
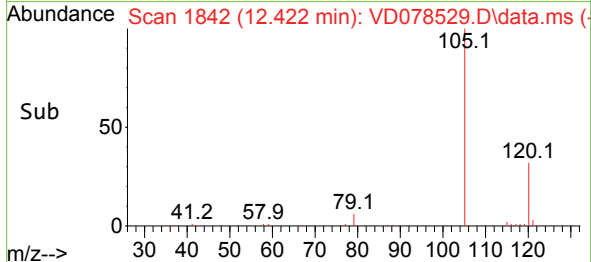
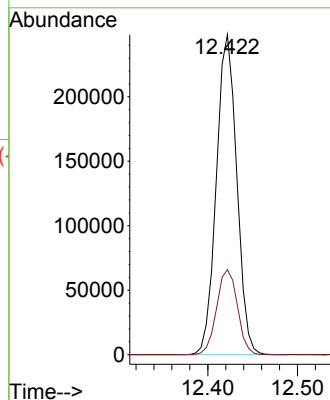
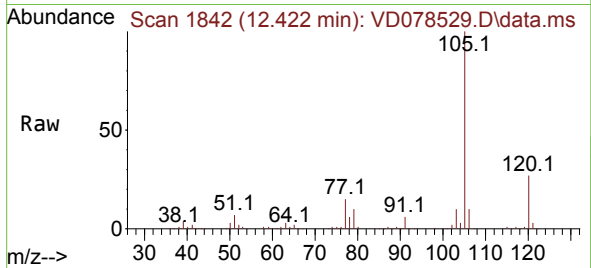




#73
Isopropylbenzene
Concen: 52.345 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

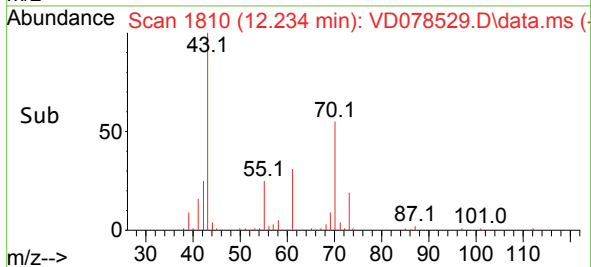
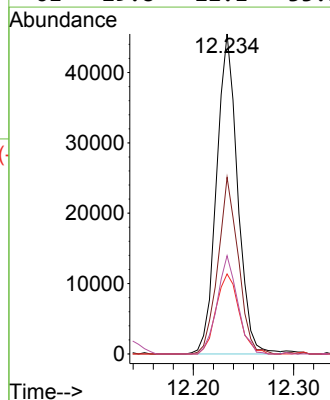
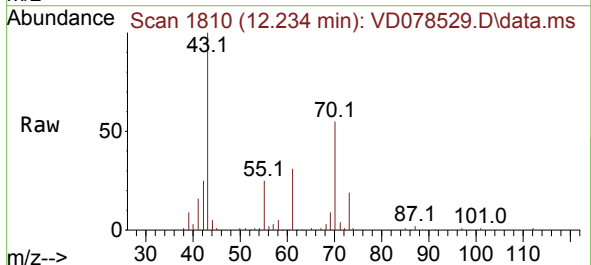
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

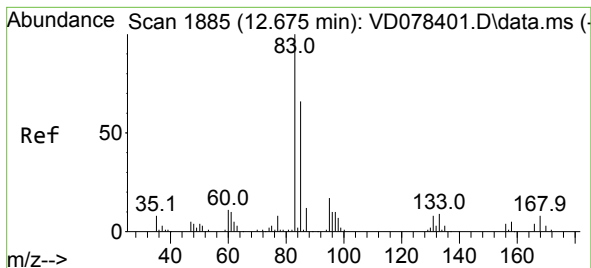
Tgt Ion:105 Resp: 392077
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9



#74
N-ethyl acetate
Concen: 46.774 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 43 Resp: 66280
Ion Ratio Lower Upper
43 100
70 53.2 45.0 67.4
55 27.2 23.8 35.6
61 29.8 22.1 33.1

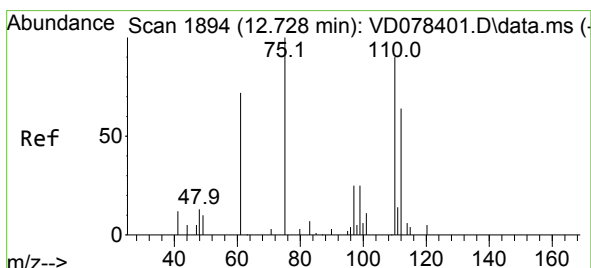
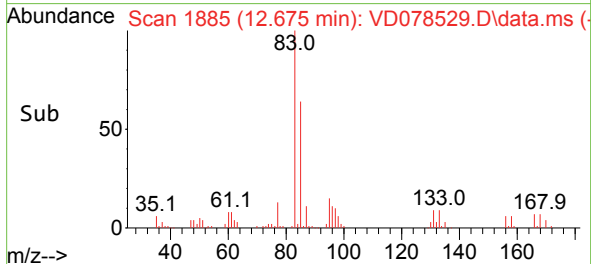
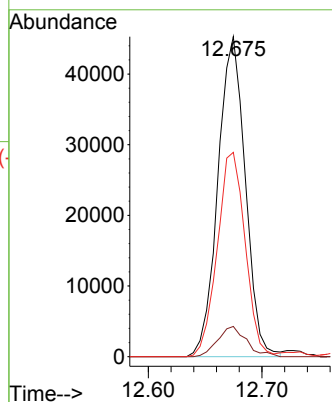
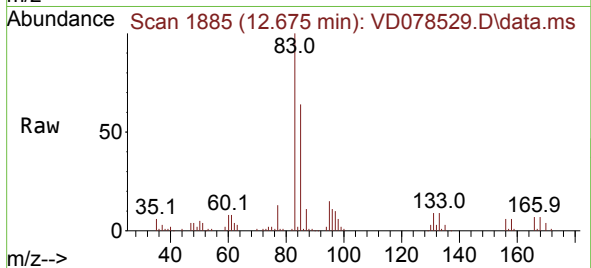




#75
1,1,2,2-Tetrachloroethane
Concen: 51.018 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

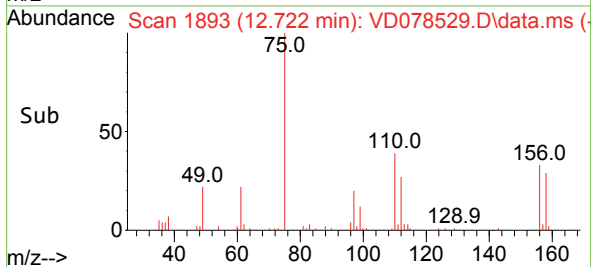
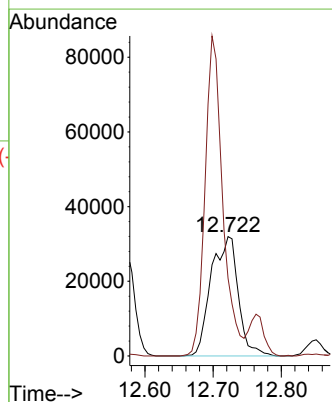
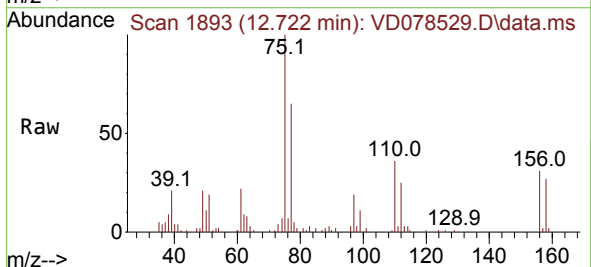
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

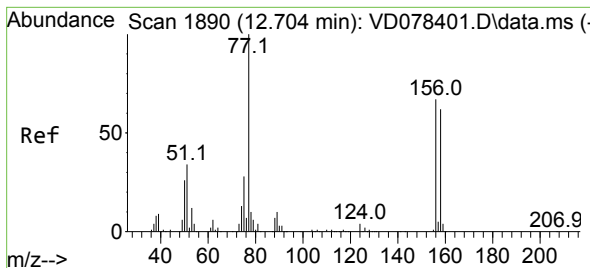
Tgt Ion: 83 Resp: 75802
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 93.450 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 75 Resp: 88496
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.454 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

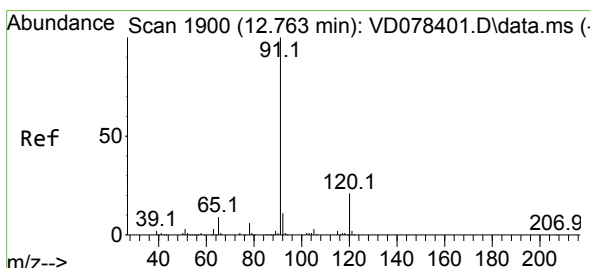
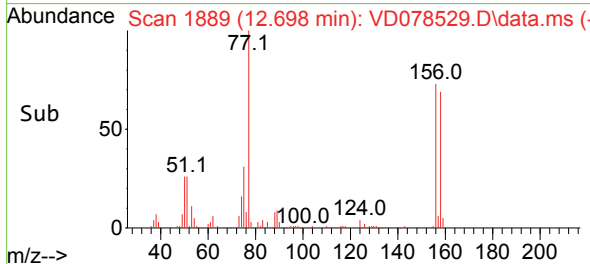
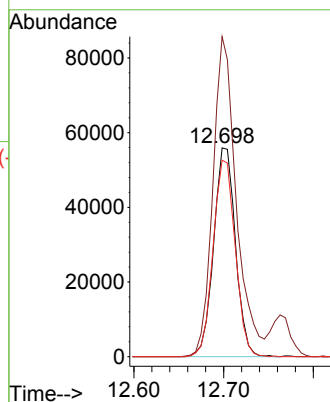
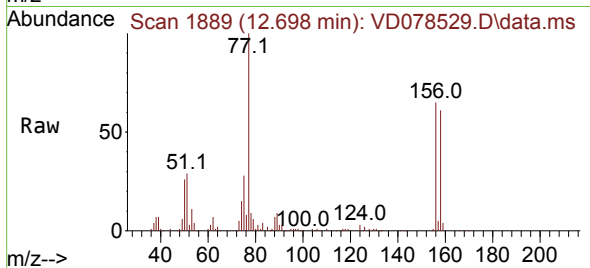
Tgt Ion:156 Resp: 94096

Ion Ratio Lower Upper

156 100

77 165.1 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 51.420 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078529.D

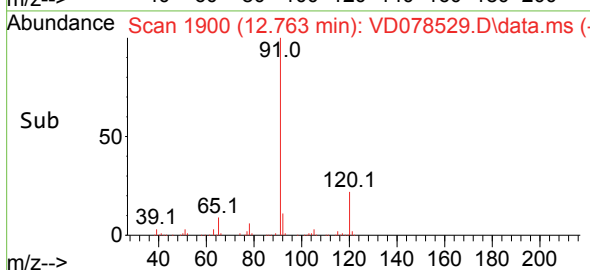
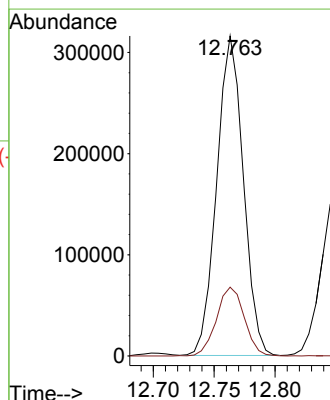
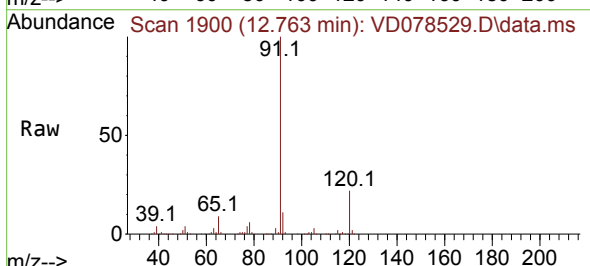
Acq: 23 Feb 2024 10:40

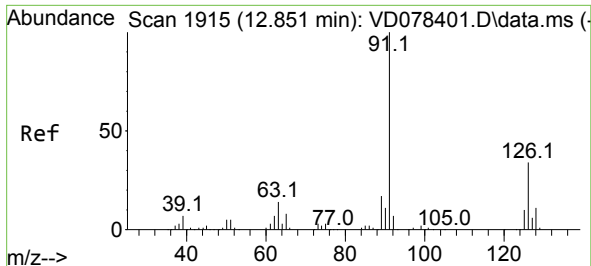
Tgt Ion: 91 Resp: 479964

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2

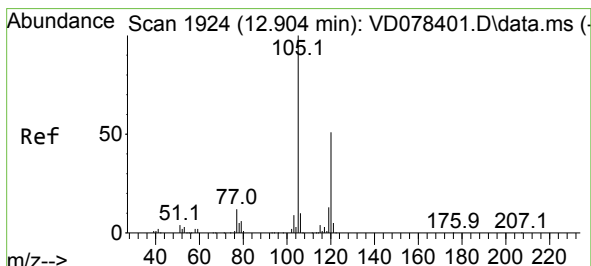
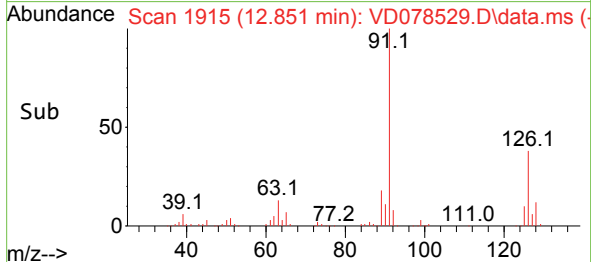
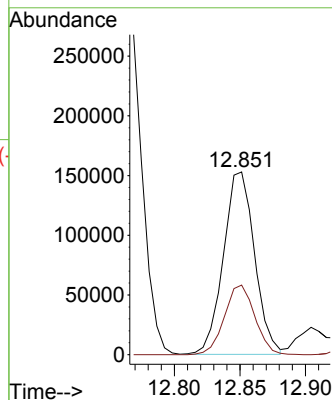
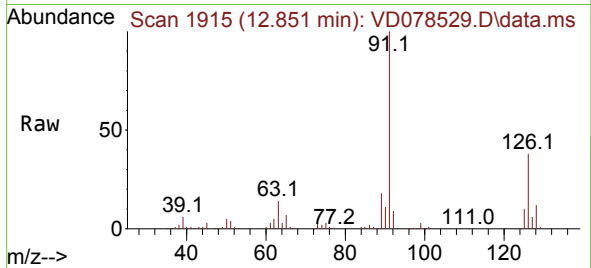




#79
2-Chlorotoluene
Concen: 50.578 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

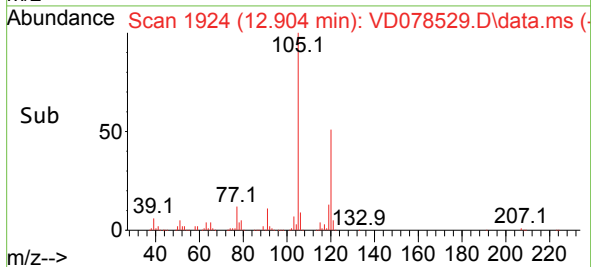
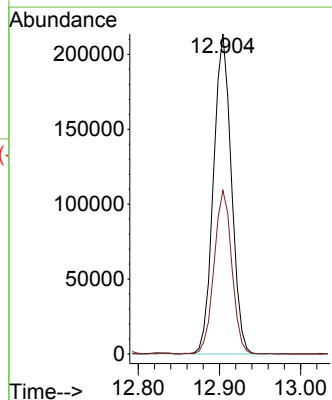
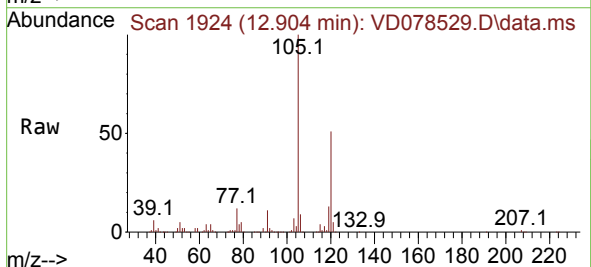
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

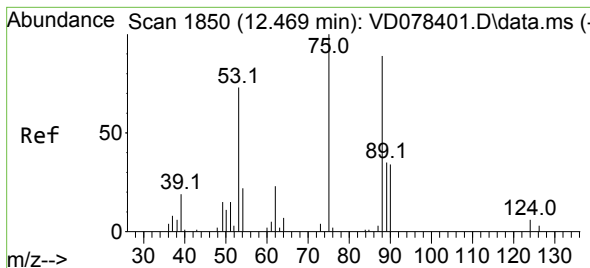
Tgt Ion: 91 Resp: 252862
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.607 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 105 Resp: 327190
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2

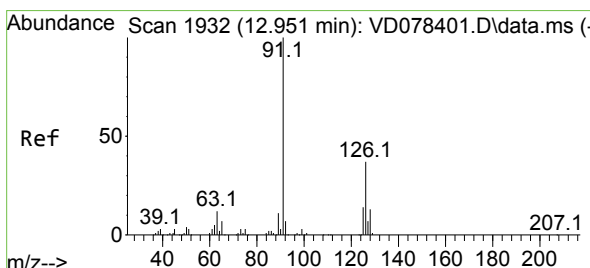
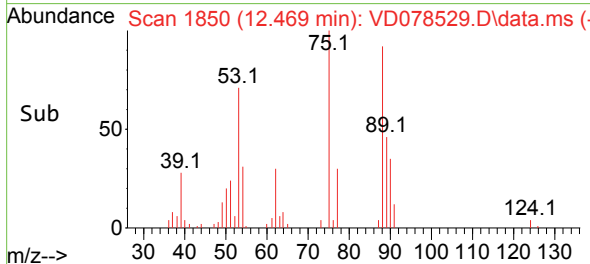
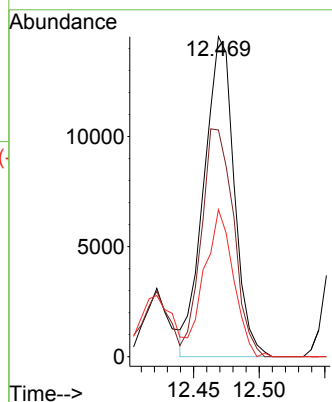
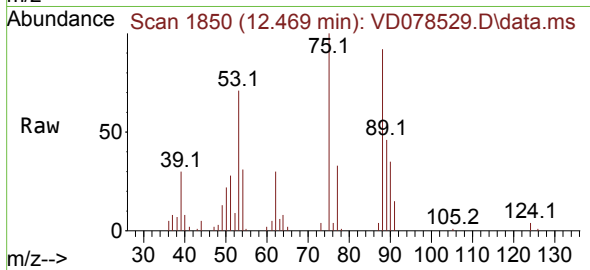




#81
trans-1,4-Dichloro-2-butene
Concen: 51.178 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

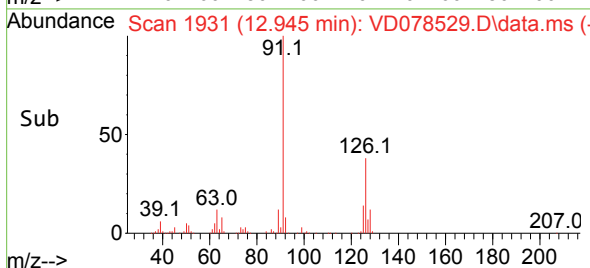
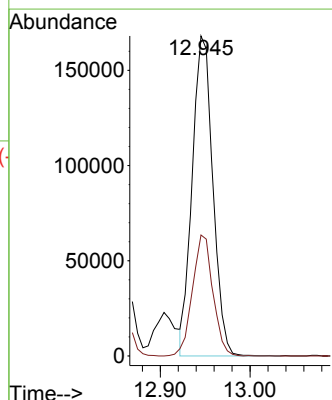
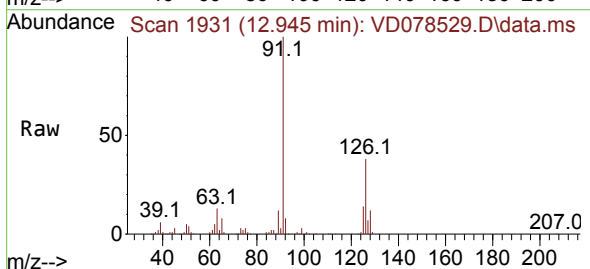
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

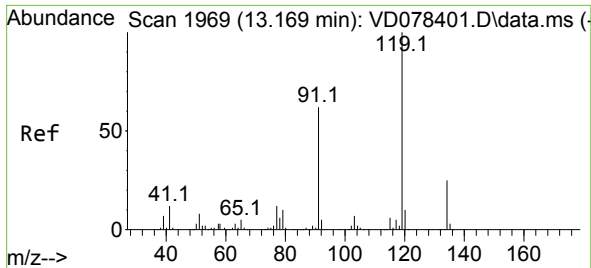
Tgt Ion: 75 Resp: 23345
Ion Ratio Lower Upper
75 100
53 75.6 63.0 94.4
89 43.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.897 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 91 Resp: 267921
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.4

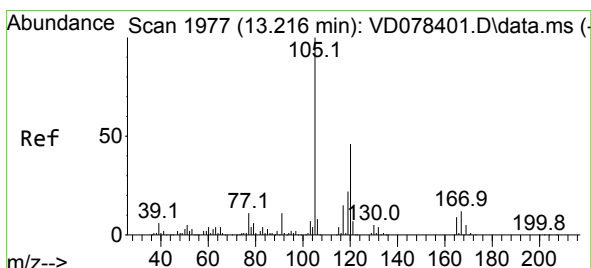
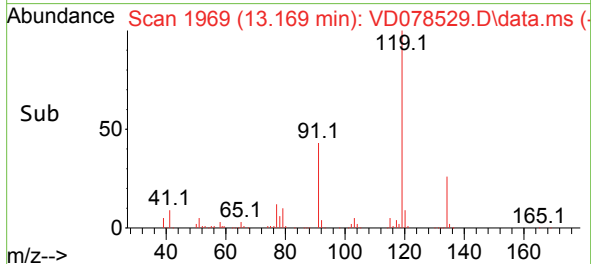
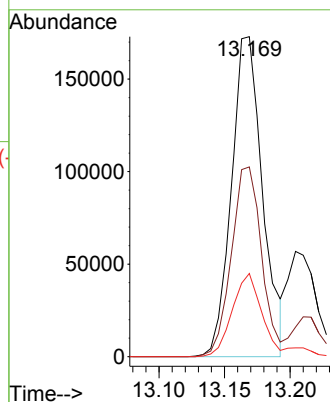
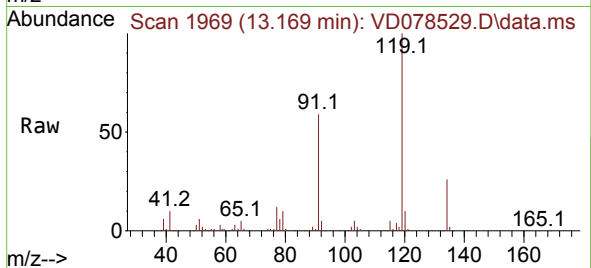




#83
tert-Butylbenzene
Concen: 54.487 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

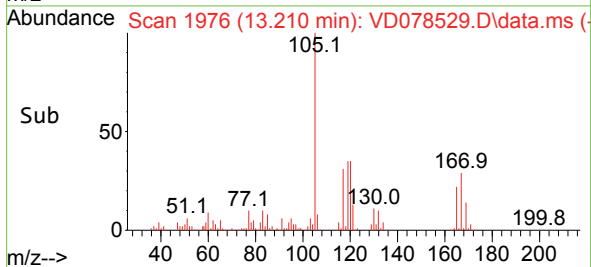
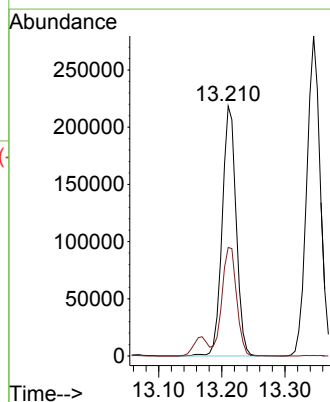
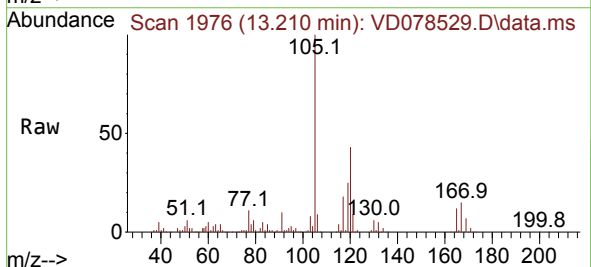
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

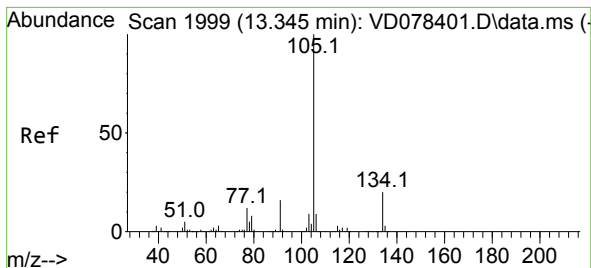
Tgt Ion:119 Resp: 285801
Ion Ratio Lower Upper
119 100
91 57.5 29.3 87.8
134 24.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 53.121 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:105 Resp: 335313
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 51.153 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

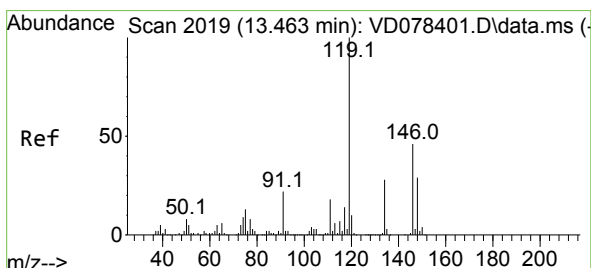
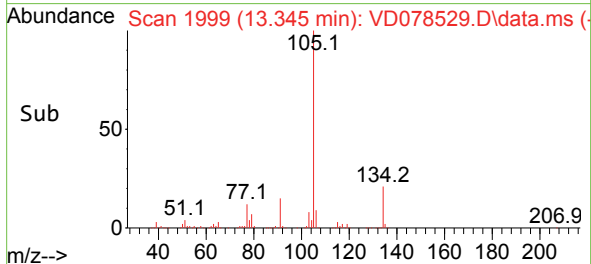
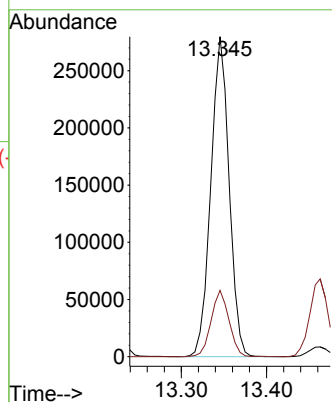
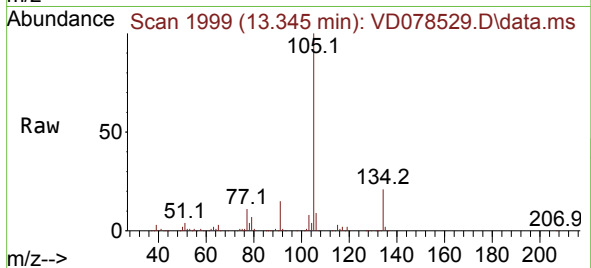
VSTDCCC050

Tgt Ion:105 Resp: 416118

Ion Ratio Lower Upper

105 100

134 20.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 53.394 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

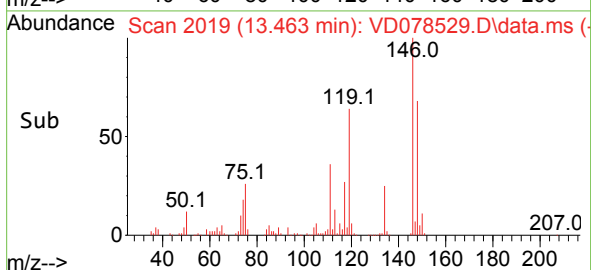
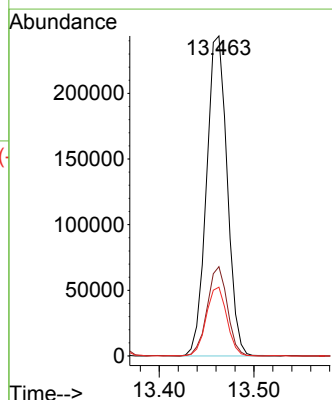
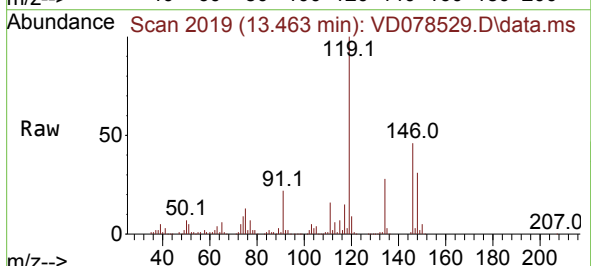
Tgt Ion:119 Resp: 369954

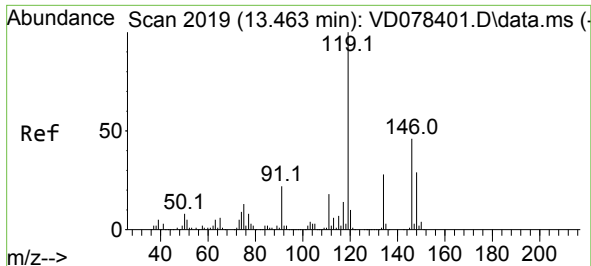
Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 21.6 10.5 31.5

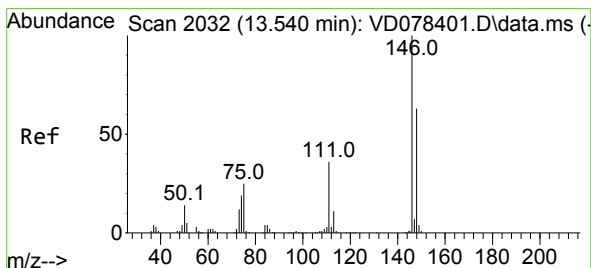
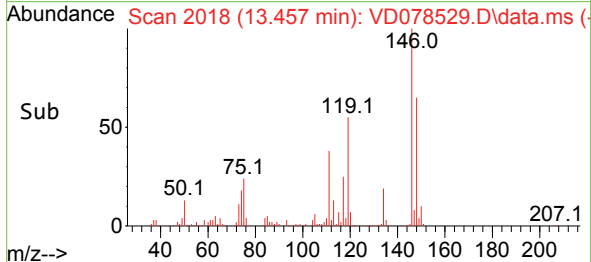
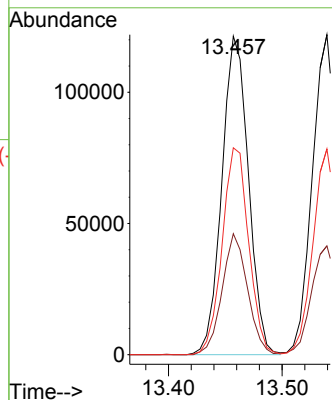
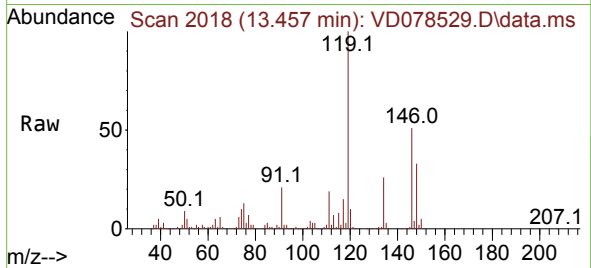




#87
1,3-Dichlorobenzene
Concen: 52.466 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

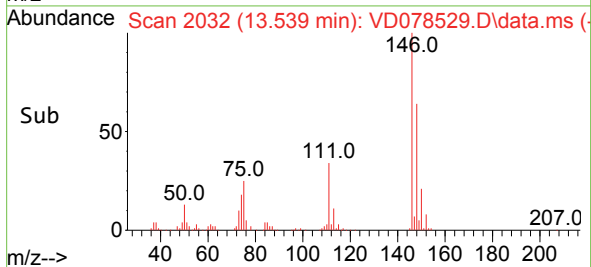
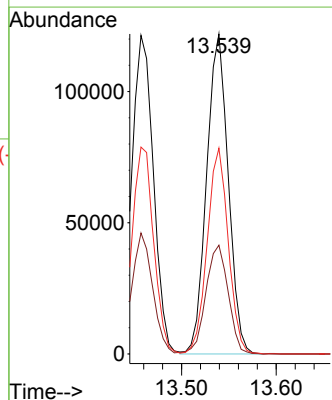
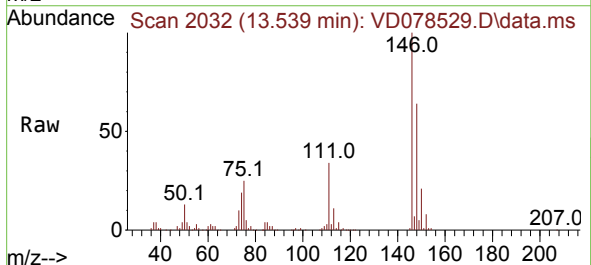
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

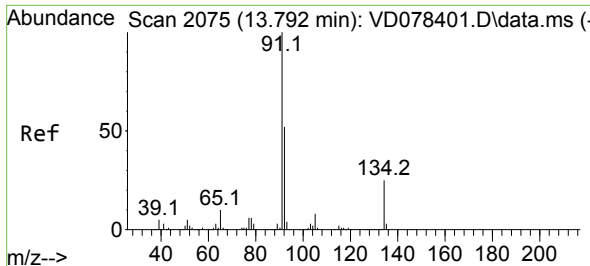
Tgt Ion:146 Resp: 197117
Ion Ratio Lower Upper
146 100
111 36.4 17.9 53.8
148 65.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 52.385 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:146 Resp: 193382
Ion Ratio Lower Upper
146 100
111 35.1 17.4 52.3
148 62.7 31.7 95.1

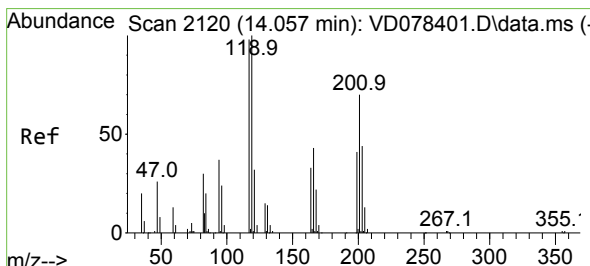
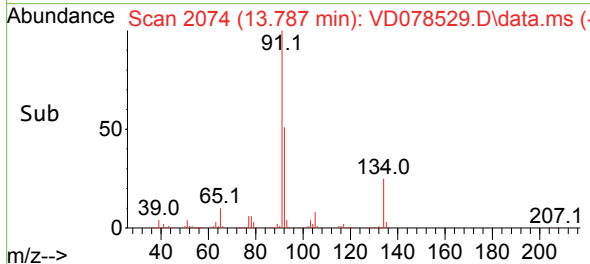
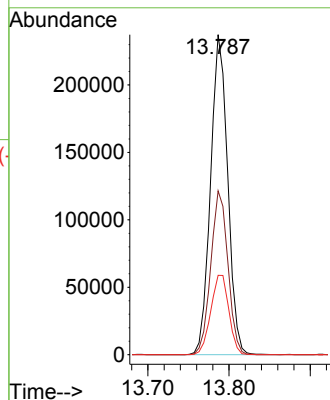
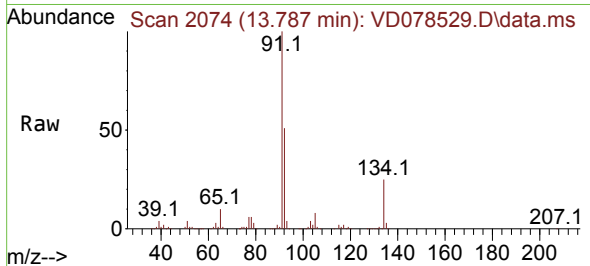




#89
n-Butylbenzene
Concen: 51.961 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

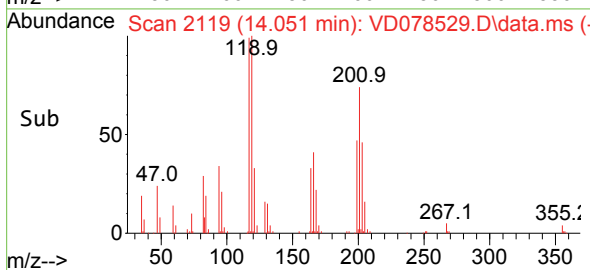
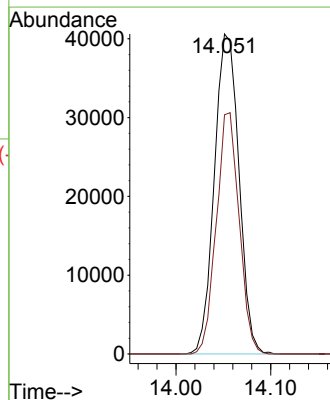
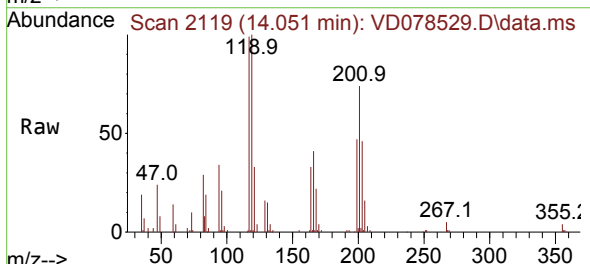
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

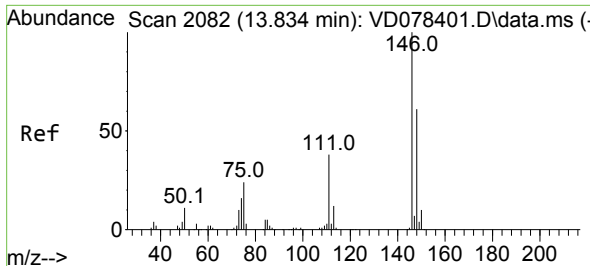
Tgt Ion: 91 Resp: 347013
Ion Ratio Lower Upper
91 100
92 51.3 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 51.464 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 117 Resp: 73288
Ion Ratio Lower Upper
117 100
201 70.0 38.5 115.5

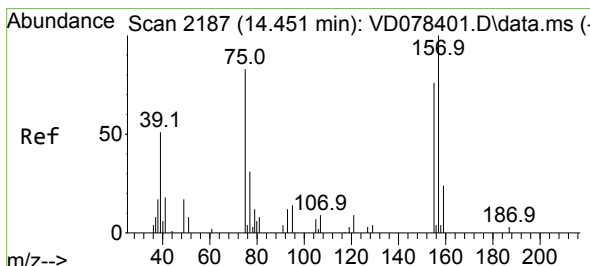
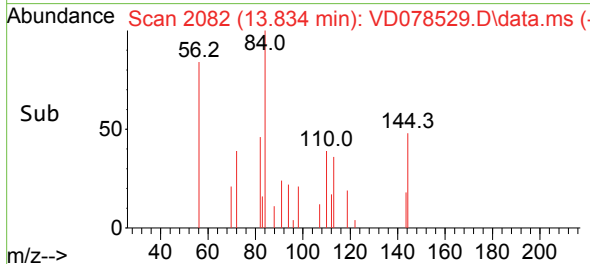
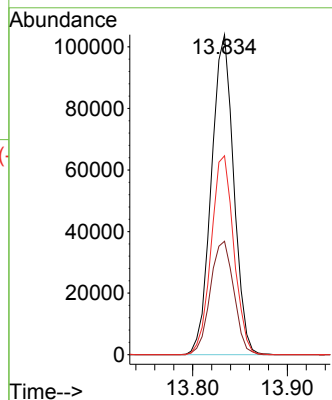
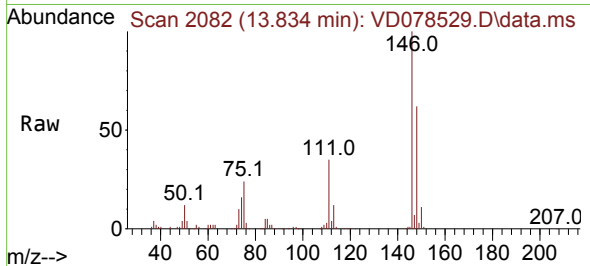




#91
1,2-Dichlorobenzene
Concen: 53.808 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

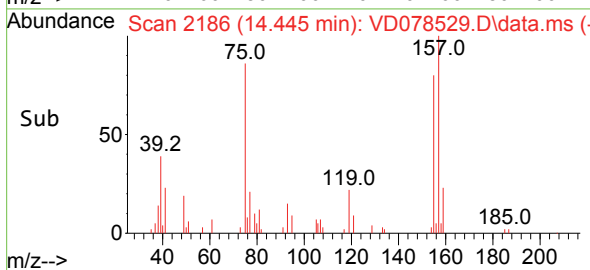
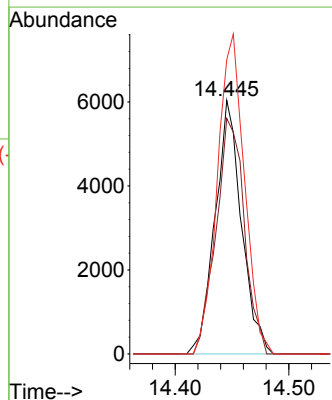
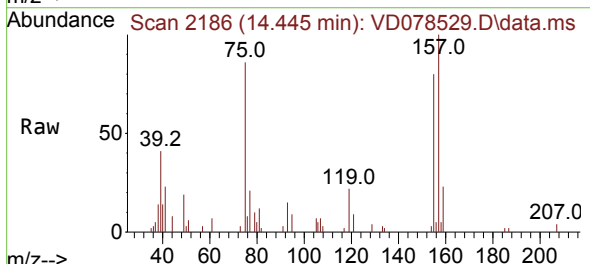
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

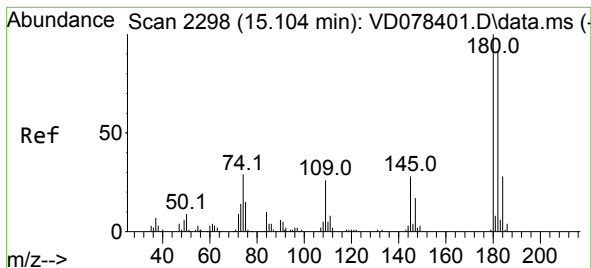
Tgt Ion:146 Resp: 169759
Ion Ratio Lower Upper
146 100
111 37.4 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.008 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion: 75 Resp: 9729
Ion Ratio Lower Upper
75 100
155 99.6 47.9 143.8
157 129.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 56.956 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

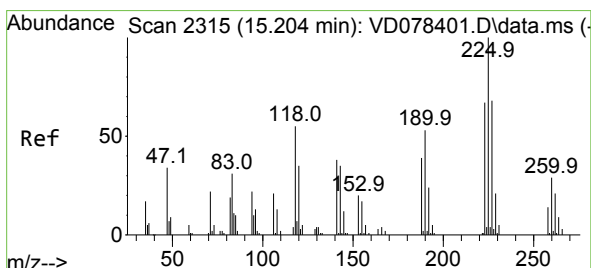
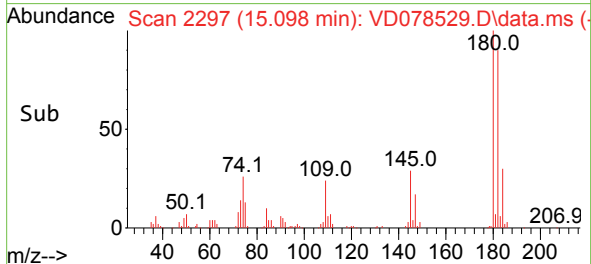
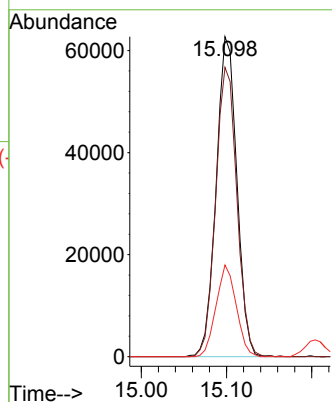
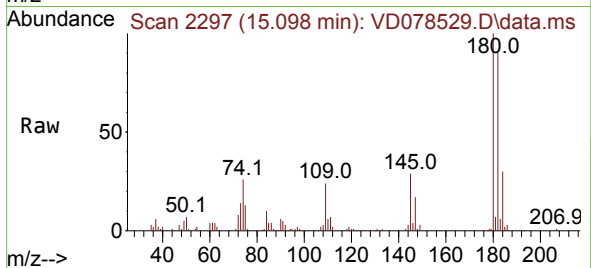
Tgt Ion:180 Resp: 105605

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.667 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078529.D

Acq: 23 Feb 2024 10:40

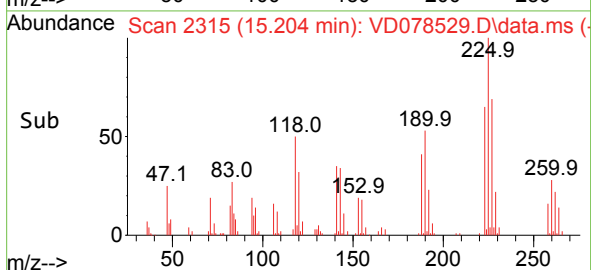
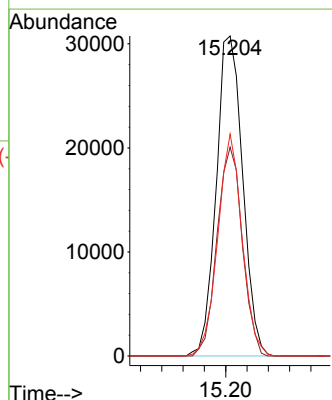
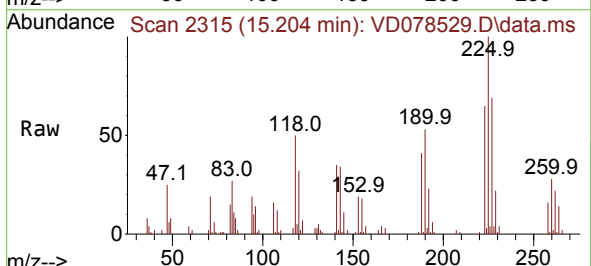
Tgt Ion:225 Resp: 52906

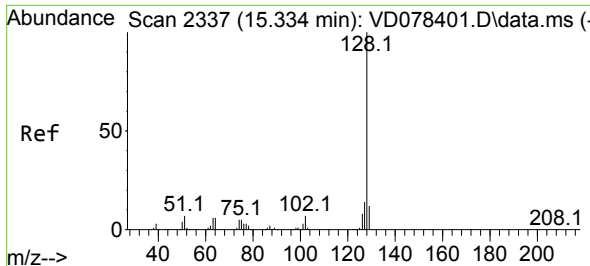
Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.8

227 63.8 31.7 95.1

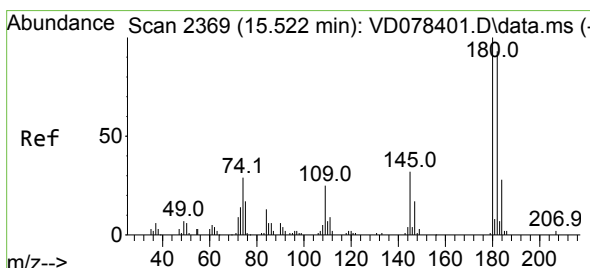
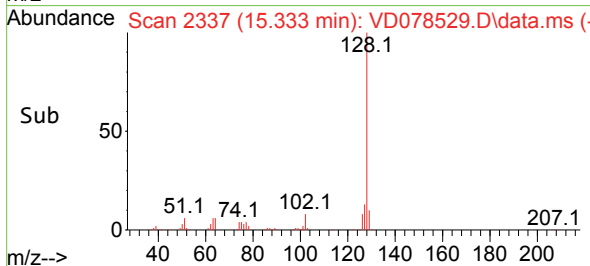
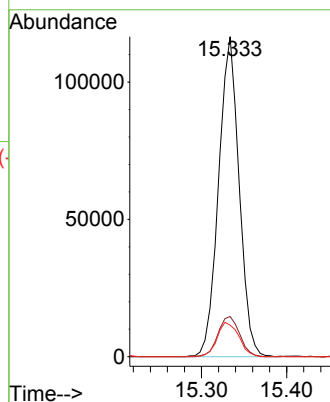
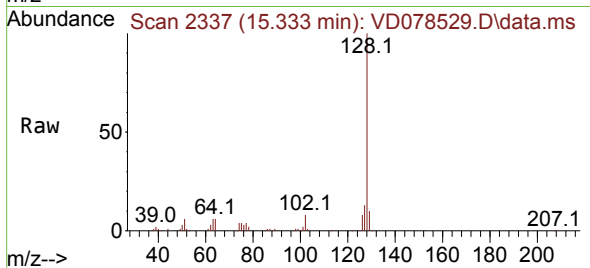




#95
Naphthalene
Concen: 56.656 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 194838
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.557 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078529.D
Acq: 23 Feb 2024 10:40

Tgt Ion:180 Resp: 92015
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.9
145 30.2 15.1 45.3

