

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078573.D
 Acq On : 01 Mar 2024 12:16
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 02 03:35:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	127503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	227182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	211783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6608	5.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.460%#
35) Dibromofluoromethane	7.810	113	6514	4.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	8.820%#
50) Toluene-d8	10.269	98	24492	4.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.540%#
62) 4-Bromofluorobenzene	12.569	95	7263	4.428	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.860%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	6622	2.690	ug/l	87
3) Chloromethane	2.152	50	12857	2.722	ug/l	99
4) Vinyl Chloride	2.287	62	18313	5.843	ug/l	96
5) Bromomethane	2.699	94	13583	5.426	ug/l	91
6) Chloroethane	2.840	64	12223	5.262	ug/l	96
7) Trichlorofluoromethane	3.175	101	11718	5.529	ug/l	99
8) Diethyl Ether	3.599	74	3344	5.619	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	7572	5.669	ug/l	97
10) Methyl Iodide	4.169	142	6686	4.784	ug/l #	91
11) Tert butyl alcohol	5.052	59	2190	33.479	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	6638	5.324	ug/l	90
13) Acrolein	3.805	56	3394	27.077	ug/l	87
14) Allyl chloride	4.575	41	7889	5.555	ug/l	95
15) Acrylonitrile	5.263	53	6762	27.563	ug/l #	74
16) Acetone	4.022	43	7472	30.858	ug/l	94
17) Carbon Disulfide	4.275	76	23222	5.590	ug/l	99
18) Methyl Acetate	4.569	43	1625	3.545	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	13086	5.162	ug/l	99
20) Methylene Chloride	4.805	84	24325	5.077	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	8246	5.504	ug/l	86
22) Diisopropyl ether	6.216	45	16686	5.240	ug/l #	88
23) Vinyl Acetate	6.157	43	48005	25.385	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	13529	5.624	ug/l	98
25) 2-Butanone	7.087	43	8698	28.476	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	11149	5.486	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	8670	5.285	ug/l	91
28) Bromochloromethane	7.428	49	4203	4.677	ug/l #	98
29) Tetrahydrofuran	7.451	42	4680	27.579	ug/l #	74
30) Chloroform	7.604	83	14882	5.730	ug/l #	82
31) Cyclohexane	7.875	56	11497	5.812	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	12286	5.514	ug/l	95
36) 1,1-Dichloropropene	8.010	75	10051	4.915	ug/l	97
37) Ethyl Acetate	7.181	43	3247	4.900	ug/l #	92
38) Carbon Tetrachloride	7.987	117	11088	5.184	ug/l	94
39) Methylcyclohexane	9.275	83	11420	4.758	ug/l	94
40) Benzene	8.257	78	30491	5.030	ug/l	92

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 Data File : VD078573.D
 Acq On : 01 Mar 2024 12:16
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 02 03:35:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.422	41	2197	6.186	ug/l #	28
42) 1,2-Dichloroethane	8.328	62	8472	5.509	ug/l	93
43) Isopropyl Acetate	8.357	43	6881	5.417	ug/l	97
44) Trichloroethene	9.028	130	8555	5.143	ug/l	96
45) 1,2-Dichloropropane	9.304	63	7388	5.074	ug/l	93
46) Dibromomethane	9.398	93	4214	5.020	ug/l	95
47) Bromodichloromethane	9.587	83	10427	5.038	ug/l	96
48) Methyl methacrylate	9.381	41	2777	4.826	ug/l #	78
49) 1,4-Dioxane	9.393	88	673	146.648	ug/l #	67
51) 4-Methyl-2-Pentanone	10.157	43	16262	24.802	ug/l	90
52) Toluene	10.334	92	17437	4.483	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	9902	5.172	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	11132	4.856	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	6788	5.743	ug/l	99
56) Ethyl methacrylate	10.598	69	5425	4.579	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	9459	4.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	10054	13.067	ug/l	98
59) 2-Hexanone	10.922	43	12078	24.835	ug/l	87
60) Dibromochloromethane	11.075	129	6898	4.833	ug/l	92
61) 1,2-Dibromoethane	11.175	107	5070	4.674	ug/l	86
64) Tetrachloroethene	10.810	164	6611	4.961	ug/l	88
65) Chlorobenzene	11.604	112	20663	4.955	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	7746	4.989	ug/l	96
67) Ethyl Benzene	11.681	91	32519	4.500	ug/l	100
68) m/p-Xylenes	11.792	106	25569	8.746	ug/l	95
69) o-Xylene	12.122	106	11124	4.194	ug/l	95
70) Styrene	12.139	104	19174	4.171	ug/l	99
71) Bromoform	12.298	173	4277	5.178	ug/l #	94
73) Isopropylbenzene	12.422	105	29769	4.760	ug/l	93
74) N-amyl acetate	12.234	43	5665	5.381	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	6890	5.750	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	8211	10.871	ug/l #	100
77) Bromobenzene	12.698	156	7786	5.147	ug/l	91
78) n-propylbenzene	12.763	91	36910	4.825	ug/l	95
79) 2-Chlorotoluene	12.845	91	20216	4.924	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	22132	4.349	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	1692	4.806	ug/l	88
82) 4-Chlorotoluene	12.945	91	21665	4.952	ug/l	95
83) tert-Butylbenzene	13.163	119	20074	4.581	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	23488	4.515	ug/l	95
85) sec-Butylbenzene	13.345	105	31727	4.641	ug/l	95
86) p-Isopropyltoluene	13.463	119	24207	4.206	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	15630	4.836	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	17546	5.419	ug/l	94
89) n-Butylbenzene	13.786	91	26005	4.835	ug/l	96
90) Hexachloroethane	14.051	117	6028	5.151	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	13799	5.026	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	998	6.249	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	8121	4.995	ug/l	98
94) Hexachlorobutadiene	15.204	225	4606	5.149	ug/l	92
95) Naphthalene	15.328	128	14046	4.889	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.516	180	7620	5.278	ug/l	92

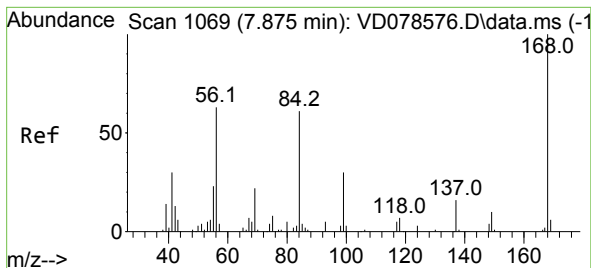
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
Data File : VD078573.D
Acq On : 01 Mar 2024 12:16
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Mar 02 03:35:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:25:57 2024
Response via : Initial Calibration

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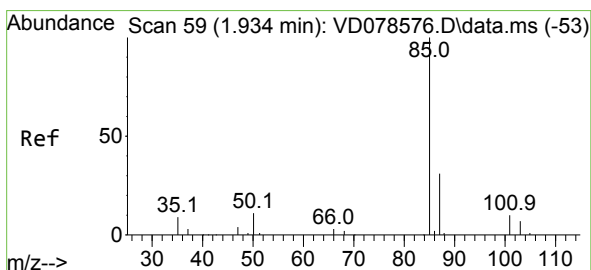
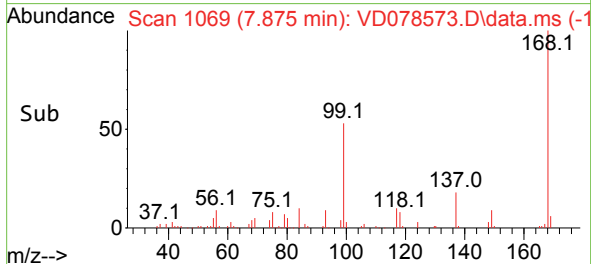
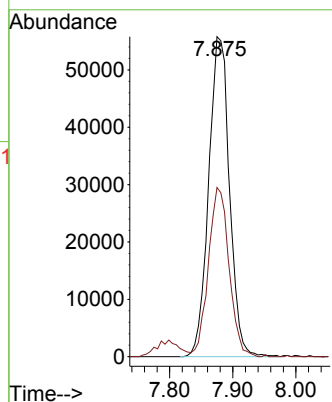
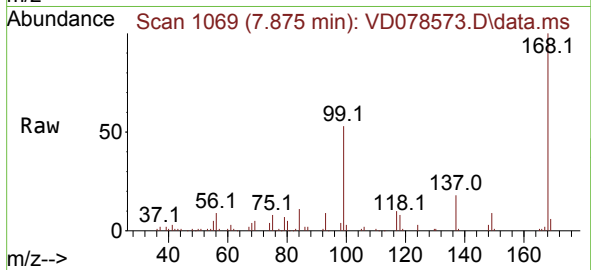
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

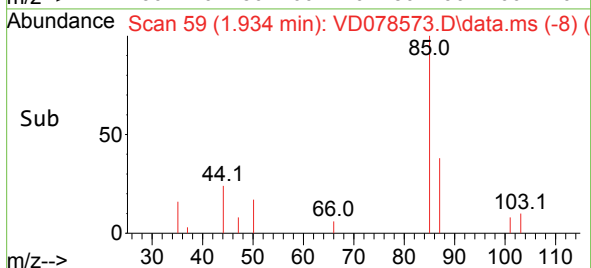
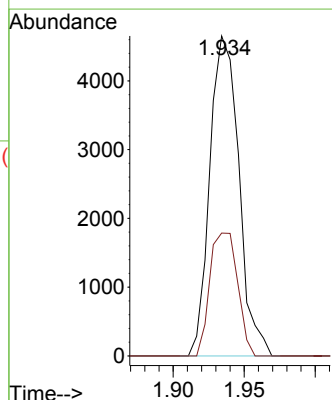
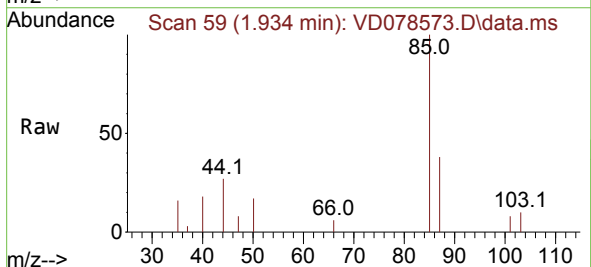
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

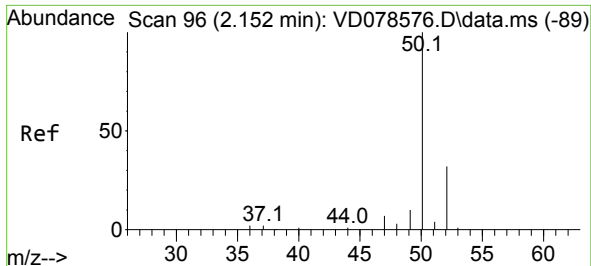
Tgt Ion:168 Resp: 127503
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 2.690 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 85 Resp: 6622
Ion Ratio Lower Upper
85 100
87 38.4 15.7 47.0

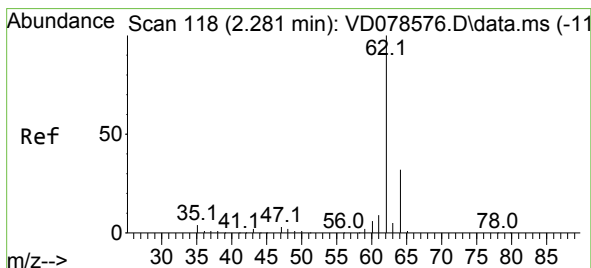
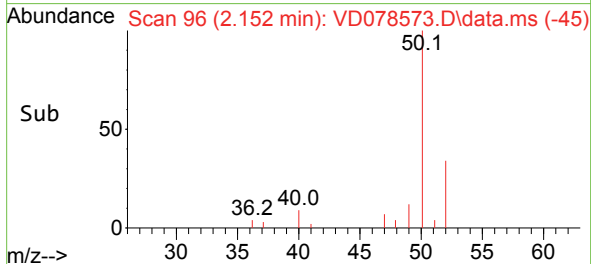
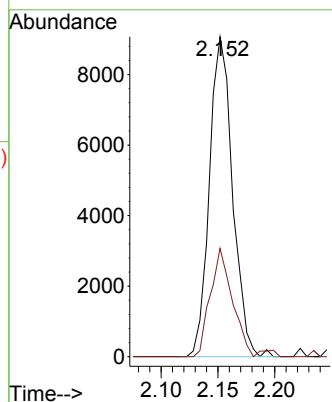
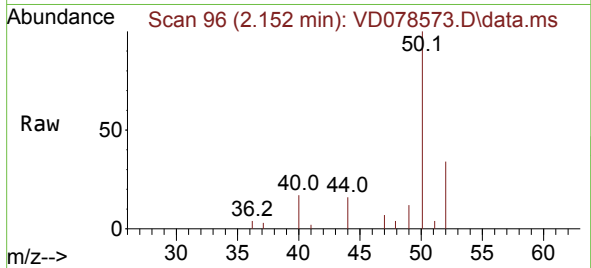




#3
Chloromethane
Concen: 2.722 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

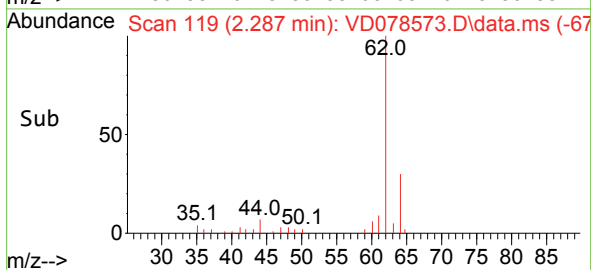
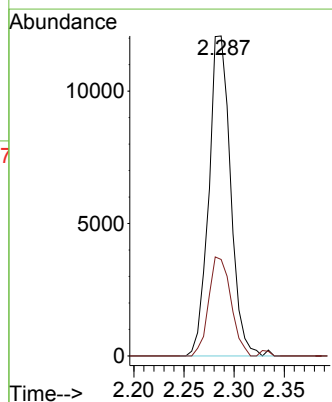
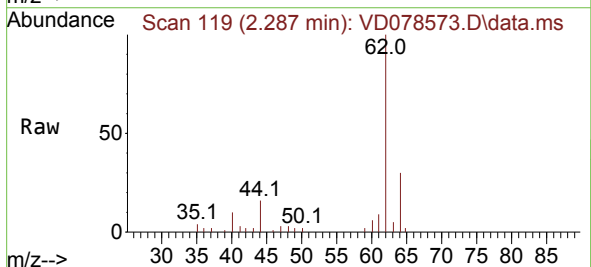
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

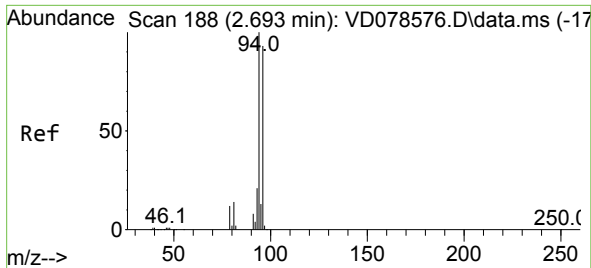
Tgt Ion: 50 Resp: 12857
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 5.843 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 62 Resp: 18313
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

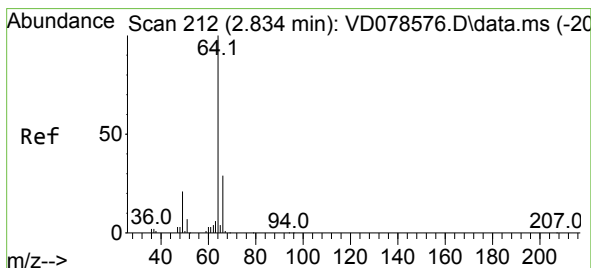
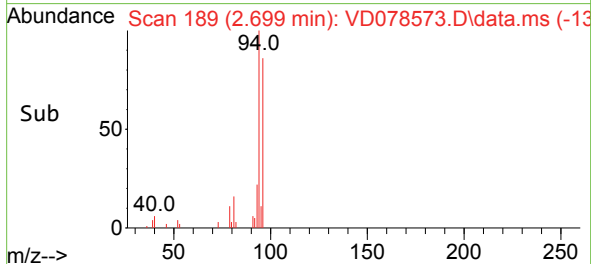
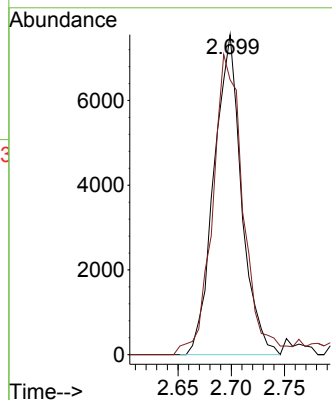
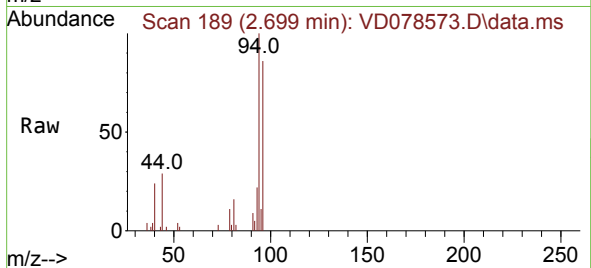




#5
Bromomethane
Concen: 5.426 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

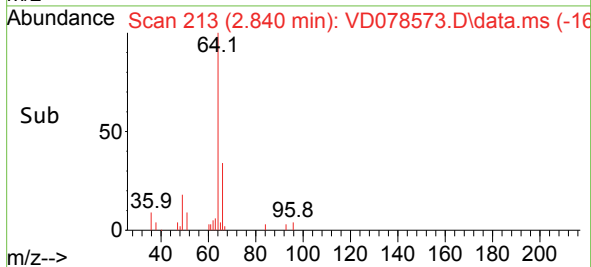
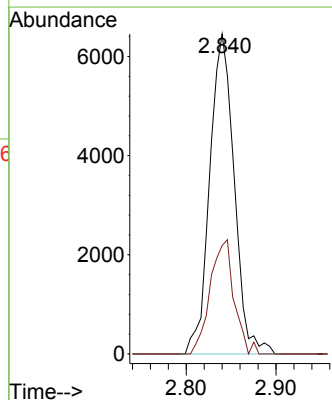
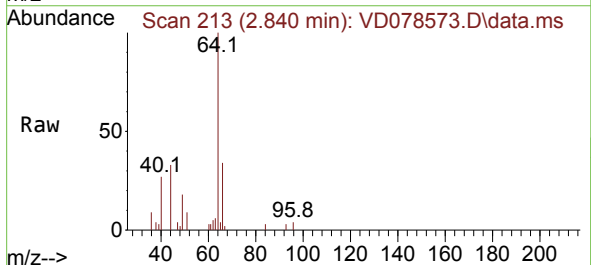
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

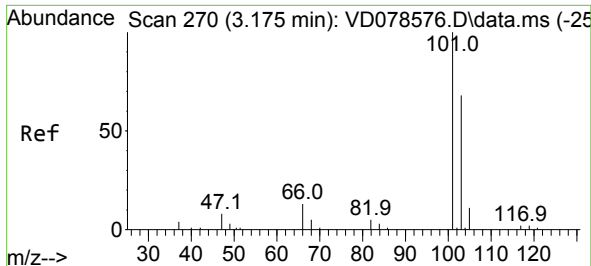
Tgt Ion: 94 Resp: 13583
Ion Ratio Lower Upper
94 100
96 103.9 75.8 113.8



#6
Chloroethane
Concen: 5.262 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 64 Resp: 12223
Ion Ratio Lower Upper
64 100
66 33.9 25.5 38.3

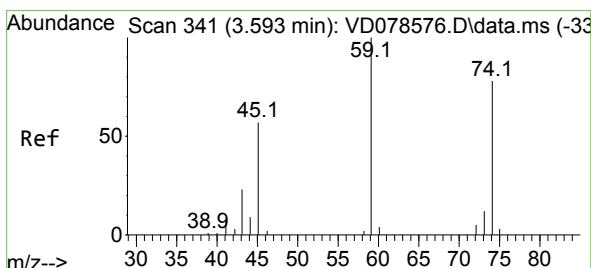
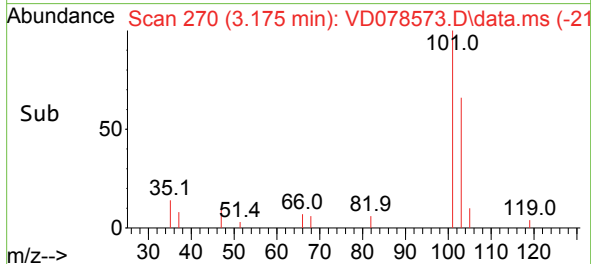
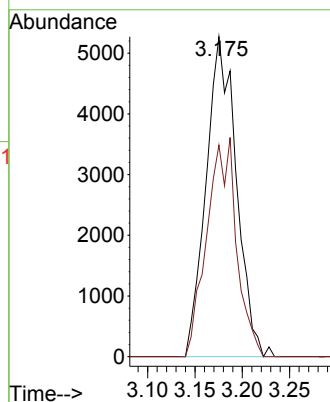
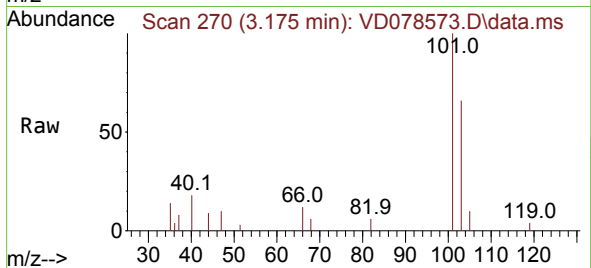




#7
 Trichlorofluoromethane
 Concen: 5.529 ug/l
 RT: 3.175 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

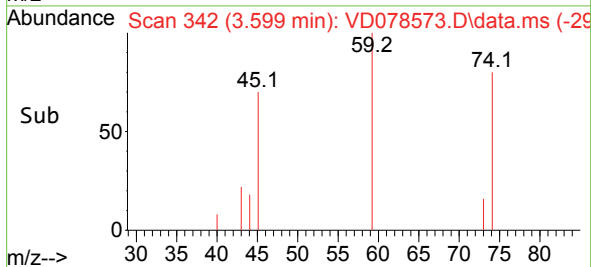
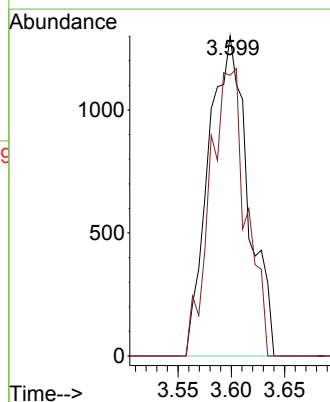
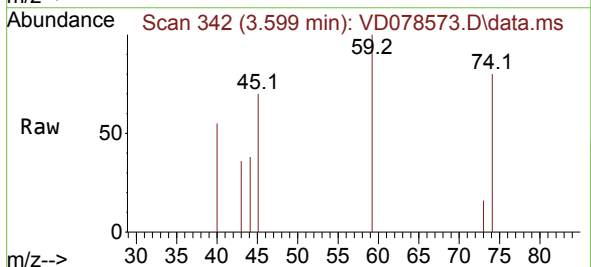
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

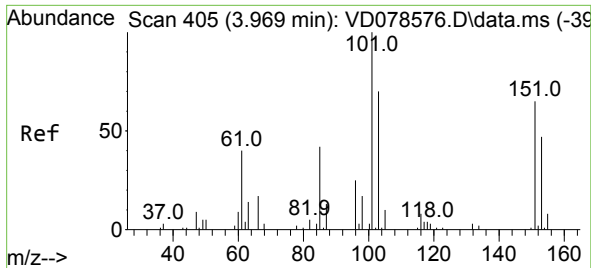
Tgt Ion:101 Resp: 11718
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 5.619 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

Tgt Ion: 74 Resp: 3344
 Ion Ratio Lower Upper
 74 100
 45 82.7 37.5 112.7

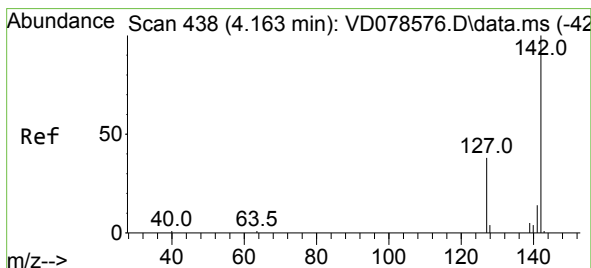
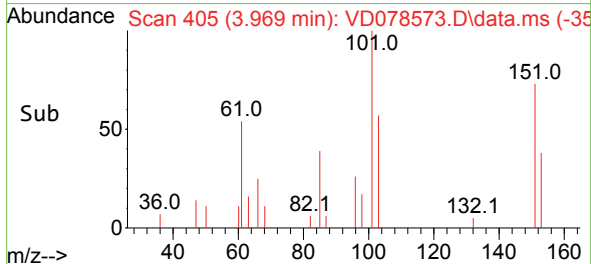
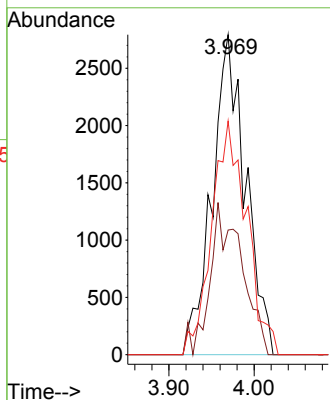
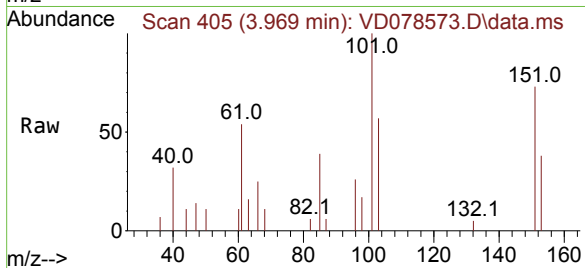




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.669 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

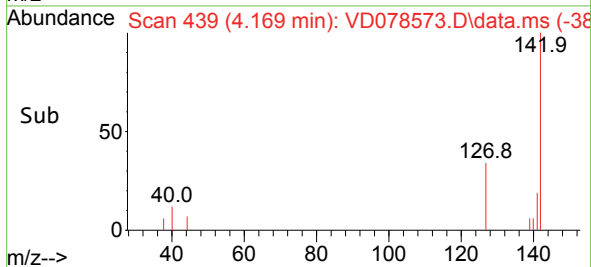
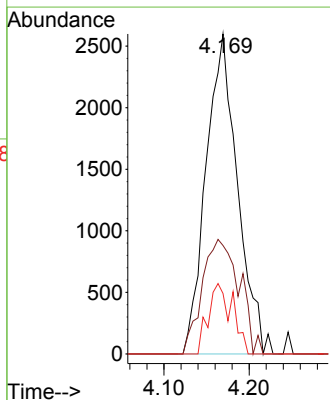
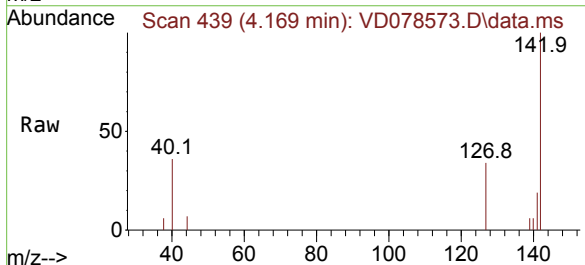
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

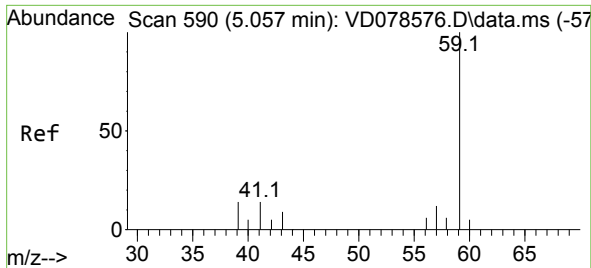
Tgt Ion:101 Resp: 7572
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 76.7 59.8 89.6



#10
Methyl Iodide
Concen: 4.784 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion:142 Resp: 6686
Ion Ratio Lower Upper
142 100
127 42.1 29.4 44.0
141 16.9 11.1 16.7#

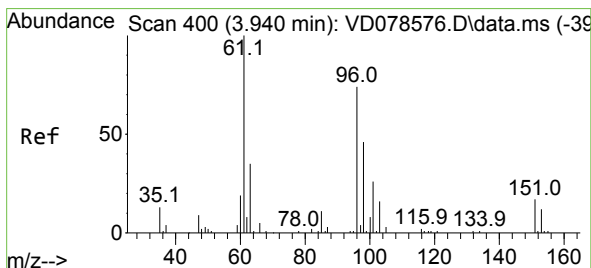
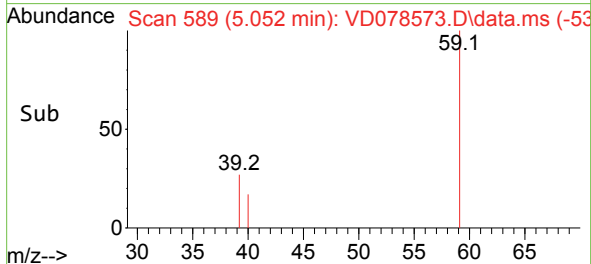
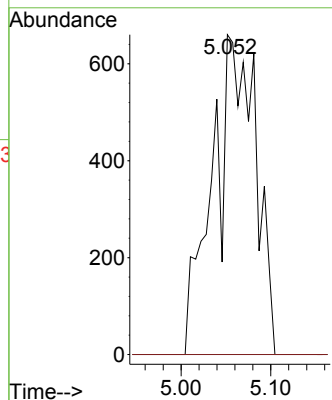
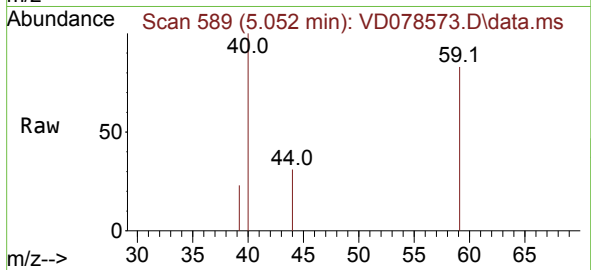




#11
Tert butyl alcohol
Concen: 33.479 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

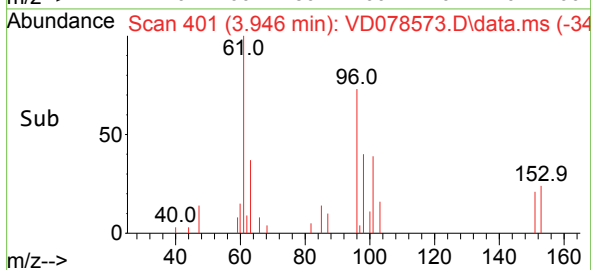
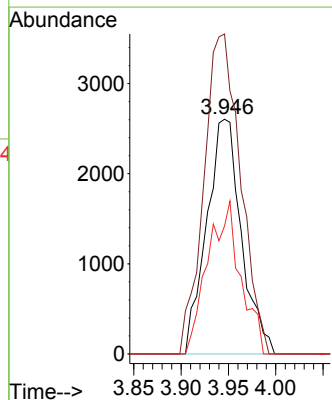
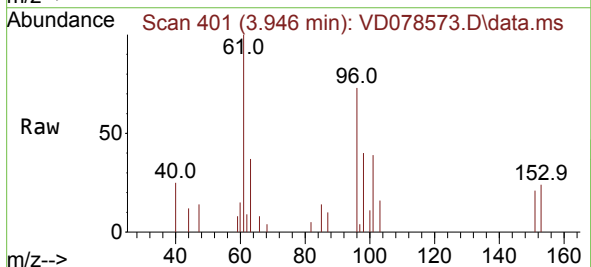
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

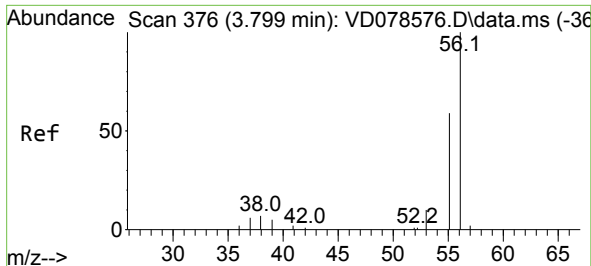
Tgt Ion: 59 Resp: 2190
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.324 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 96 Resp: 6638
Ion Ratio Lower Upper
96 100
61 136.4 100.6 150.8
98 54.5 50.2 75.2

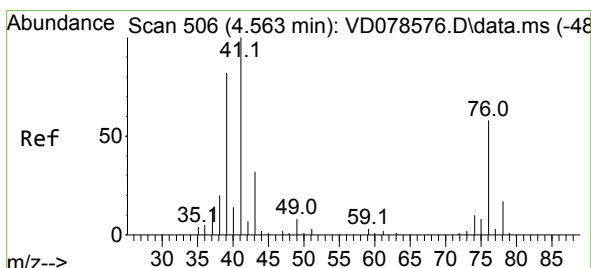
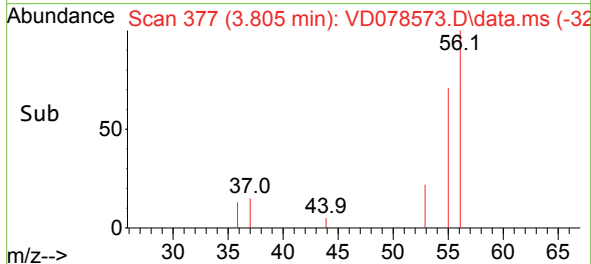
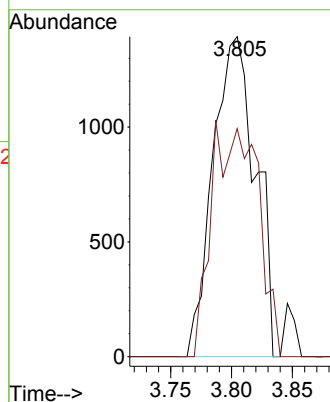
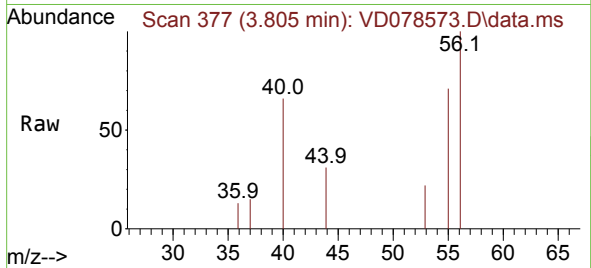




#13
Acrolein
Concen: 27.077 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

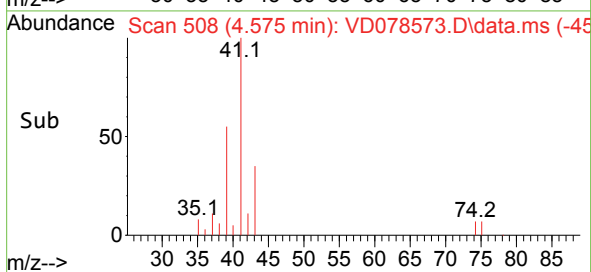
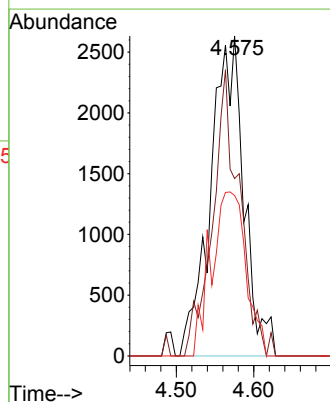
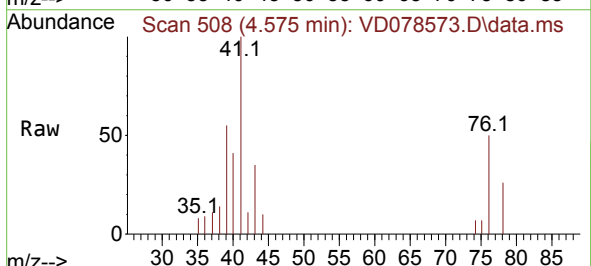
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

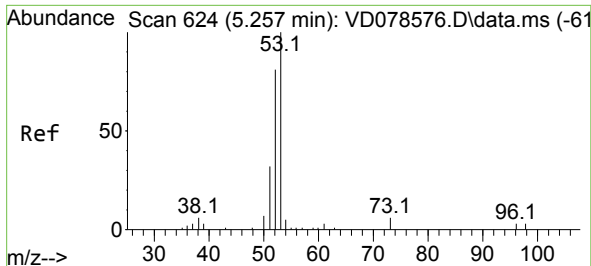
Tgt Ion: 56 Resp: 3394
Ion Ratio Lower Upper
56 100
55 79.6 55.1 82.7



#14
Allyl chloride
Concen: 5.555 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 41 Resp: 7889
Ion Ratio Lower Upper
41 100
39 71.3 53.8 80.6
76 53.5 45.8 68.8

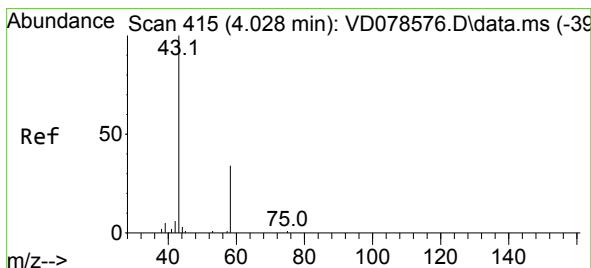
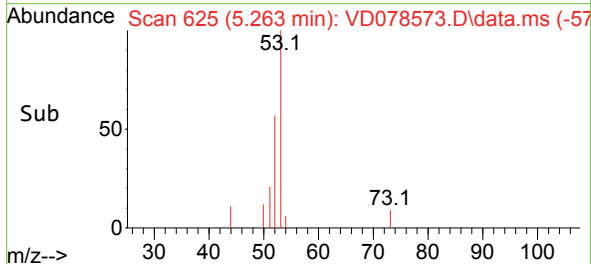
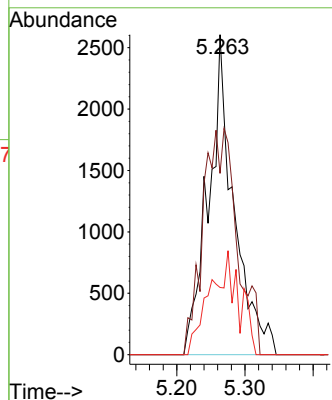
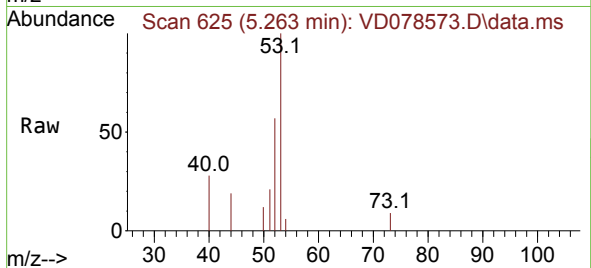




#15
Acrylonitrile
Concen: 27.563 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

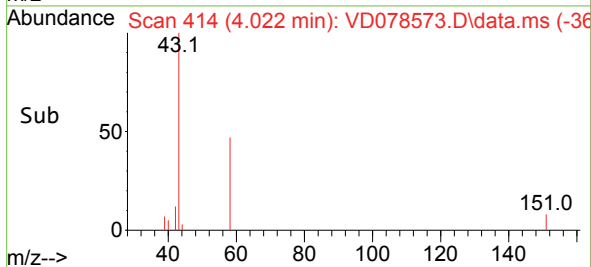
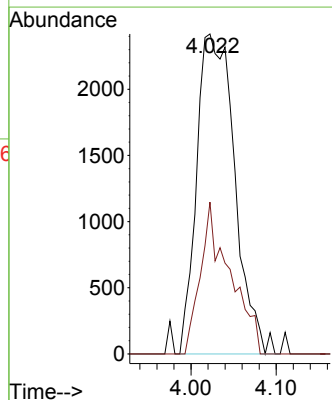
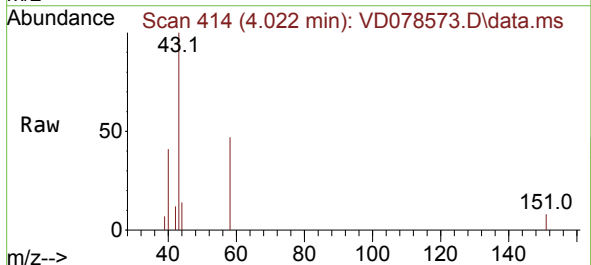
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

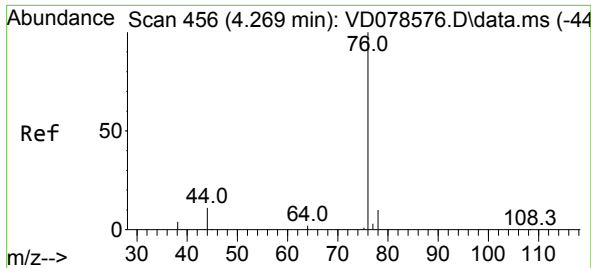
Tgt Ion: 53 Resp: 6762
Ion Ratio Lower Upper
53 100
52 50.6 65.0 97.4#
51 31.2 28.3 42.5



#16
Acetone
Concen: 30.858 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
58 47.4 34.7 52.1

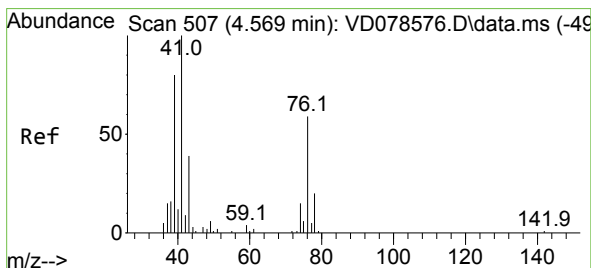
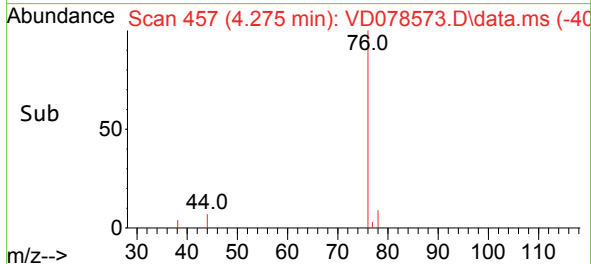
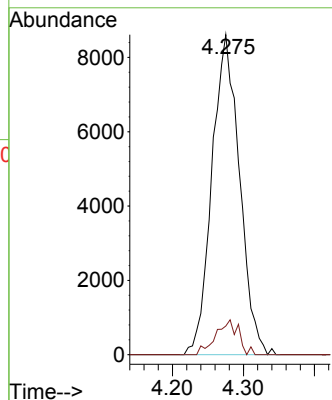
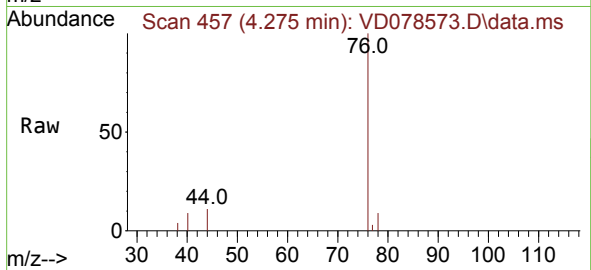




#17
Carbon Disulfide
Concen: 5.590 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

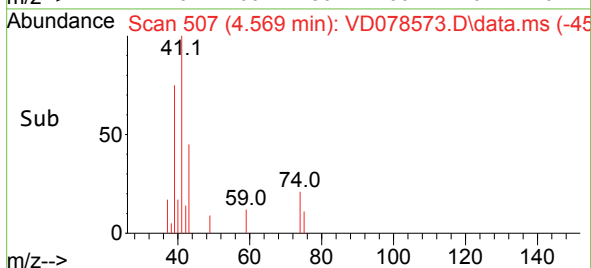
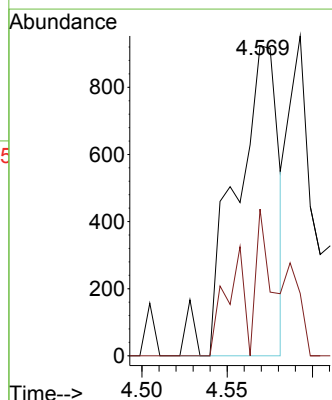
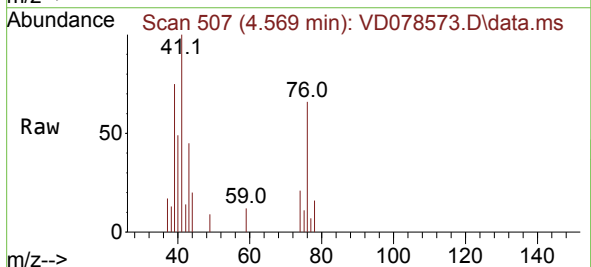
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

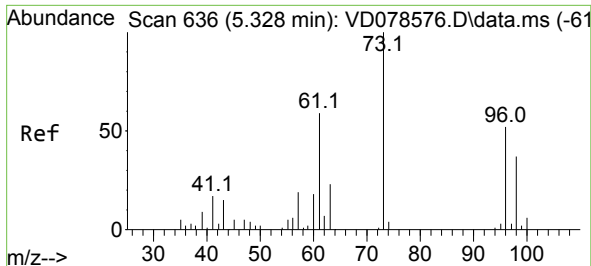
Tgt Ion: 76 Resp: 23222
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 3.545 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 43 Resp: 1625
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 5.162 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

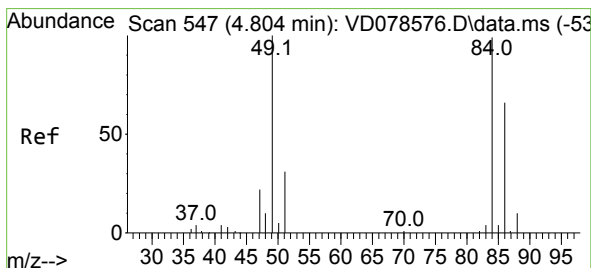
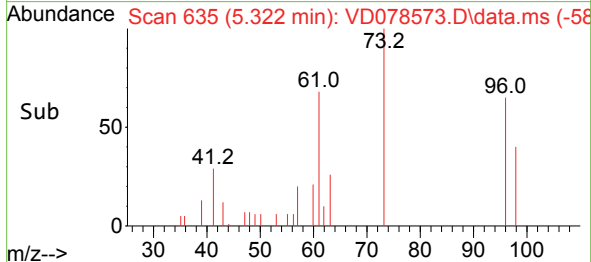
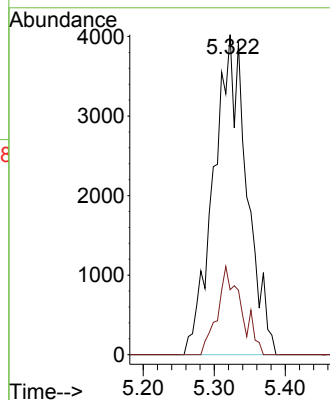
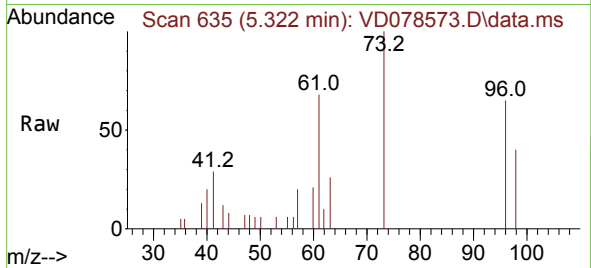
VSTDIC005

Tgt Ion: 73 Resp: 13086

Ion Ratio Lower Upper

73 100

57 20.3 16.6 25.0



#20

Methylene Chloride

Concen: 5.077 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Tgt Ion: 84 Resp: 24325

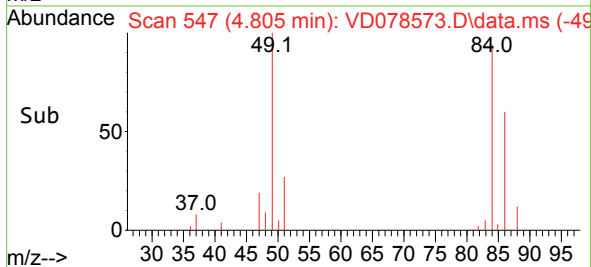
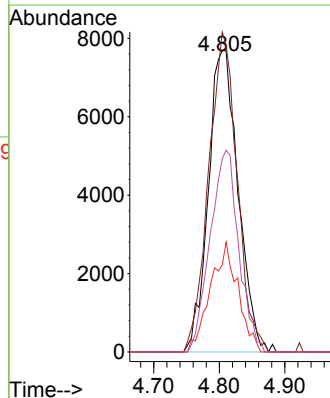
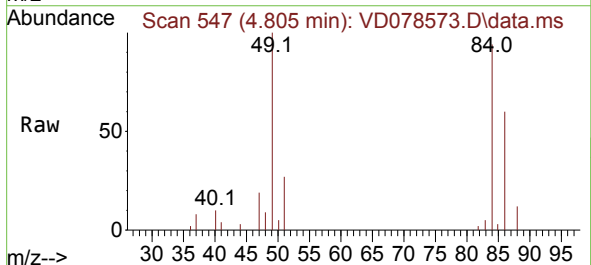
Ion Ratio Lower Upper

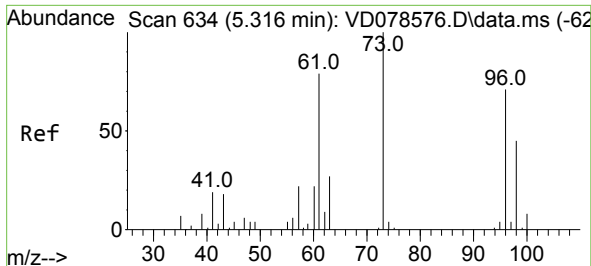
84 100

49 106.2 71.4 107.2

51 28.9 24.5 36.7

86 64.1 48.7 73.1

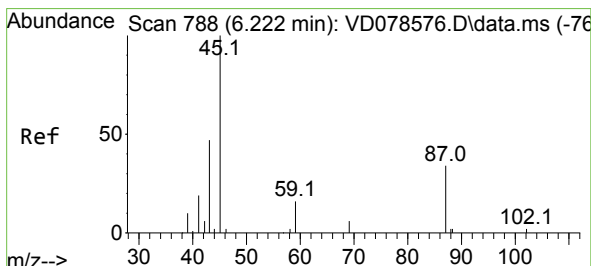
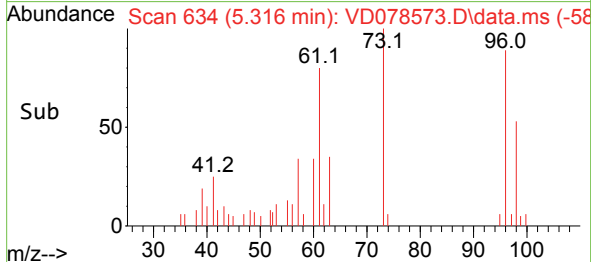
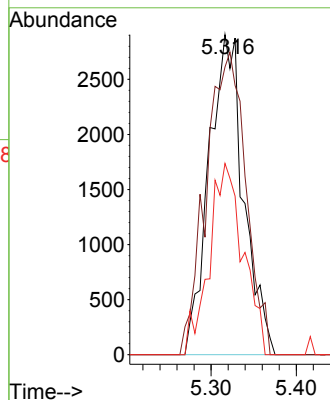
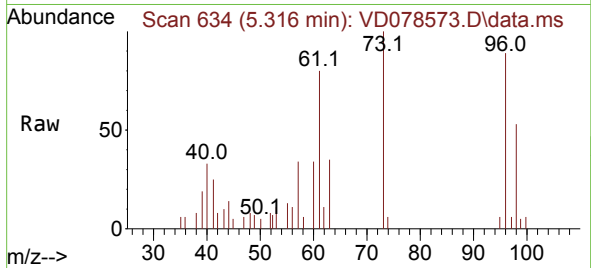




#21
trans-1,2-Dichloroethene
Concen: 5.504 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

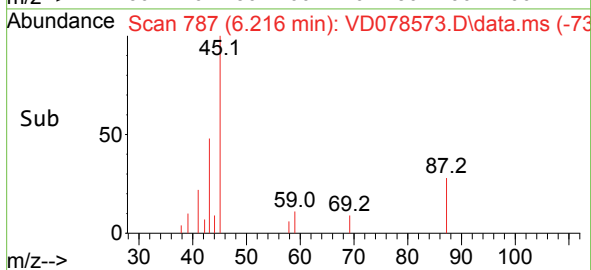
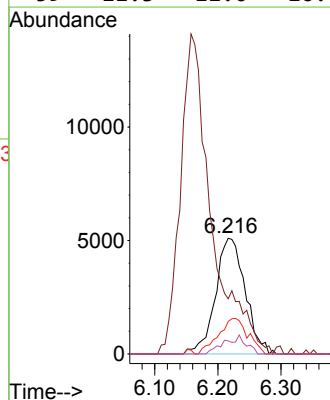
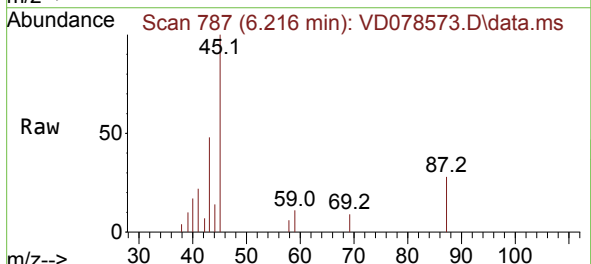
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

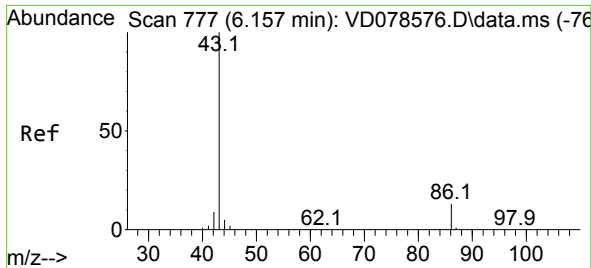
Tgt Ion: 96 Resp: 8246
Ion Ratio Lower Upper
96 100
61 89.9 89.3 133.9
98 59.8 48.6 73.0



#22
Diisopropyl ether
Concen: 5.240 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 45 Resp: 16686
Ion Ratio Lower Upper
45 100
43 40.9 40.0 60.0
87 28.1 28.2 42.4#
59 11.3 11.0 16.4

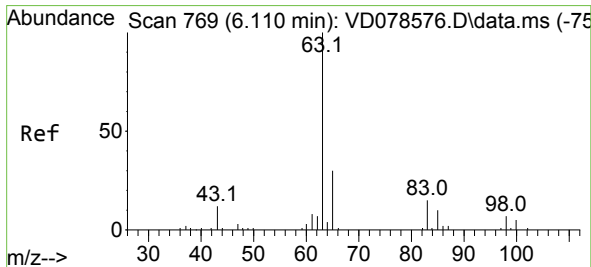
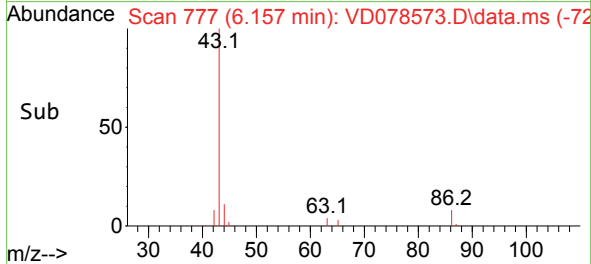
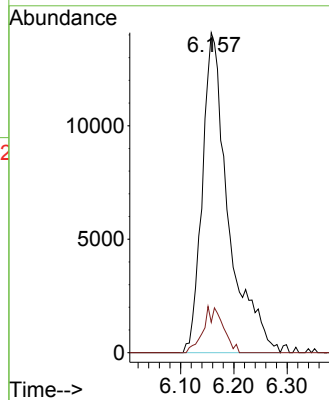
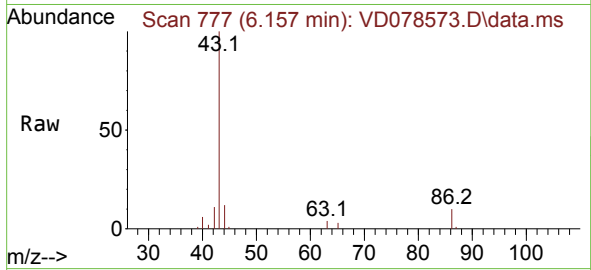




#23
 Vinyl Acetate
 Concen: 25.385 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

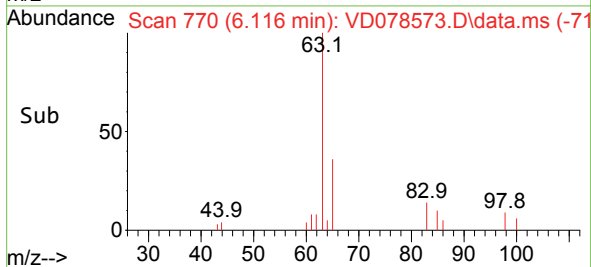
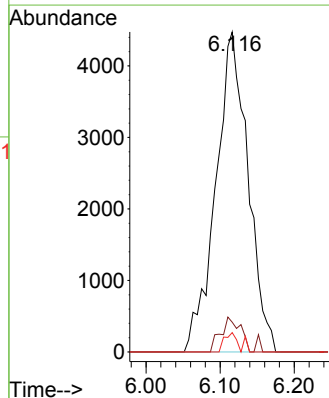
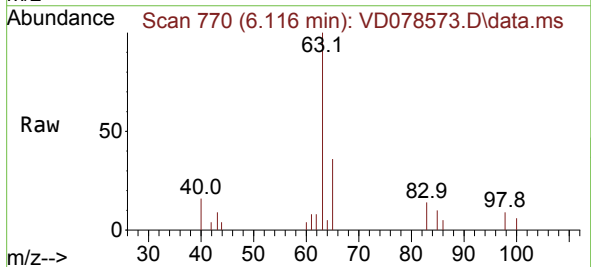
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

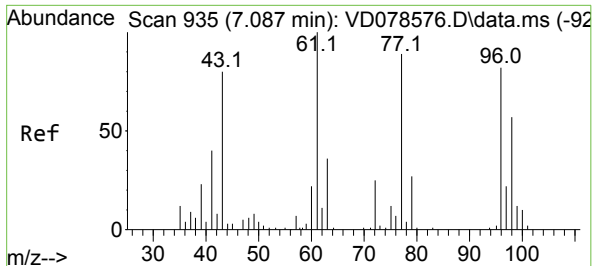
Tgt Ion: 43 Resp: 48005
 Ion Ratio Lower Upper
 43 100
 86 9.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 5.624 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

Tgt Ion: 63 Resp: 13529
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.5 13.7
 100 6.1 2.5 7.5

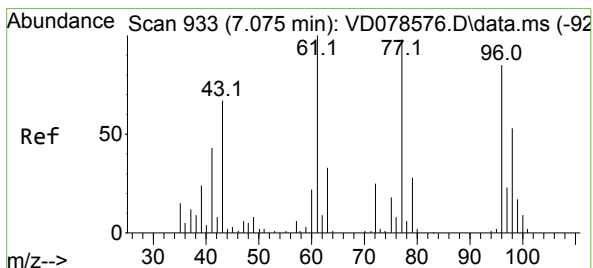
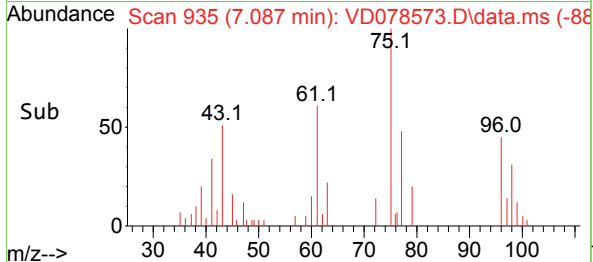
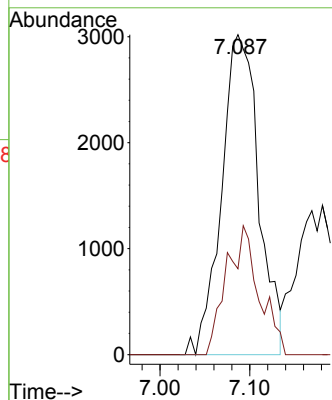
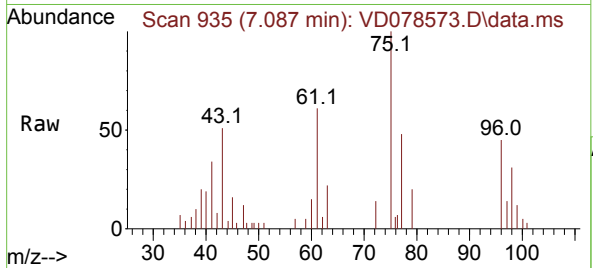




#25
2-Butanone
Concen: 28.476 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

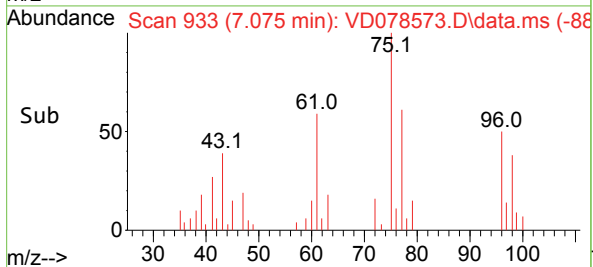
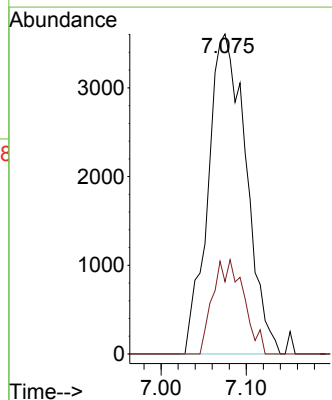
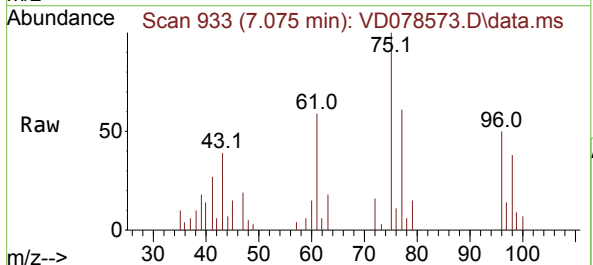
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

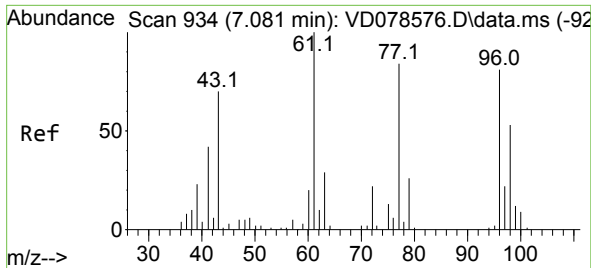
Tgt Ion: 43 Resp: 8698
Ion Ratio Lower Upper
43 100
72 26.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.486 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 77 Resp: 11149
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6

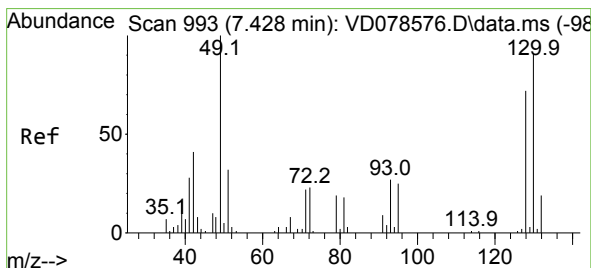
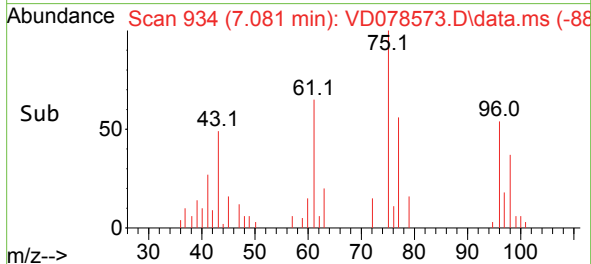
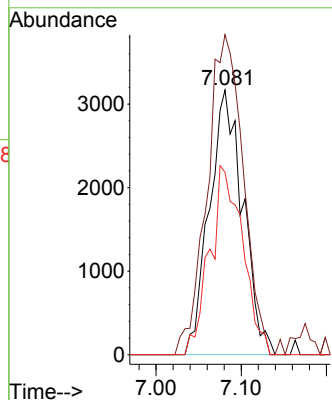
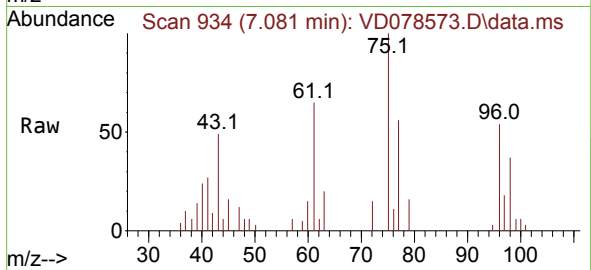




#27
cis-1,2-Dichloroethene
Concen: 5.285 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

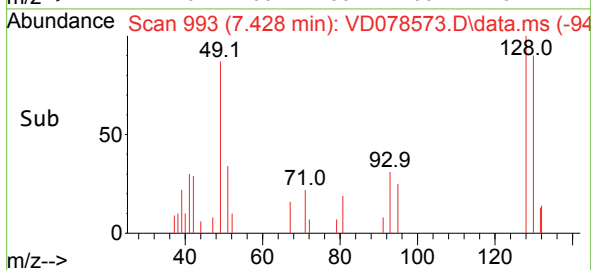
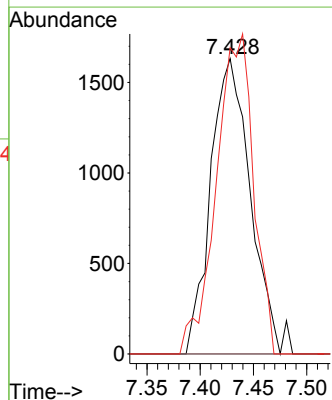
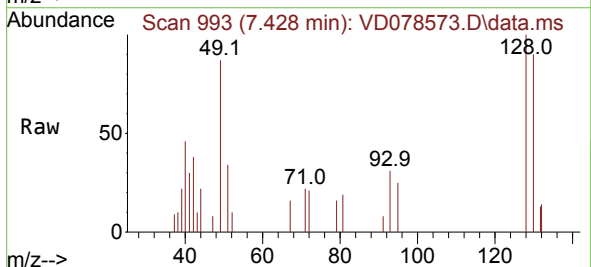
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

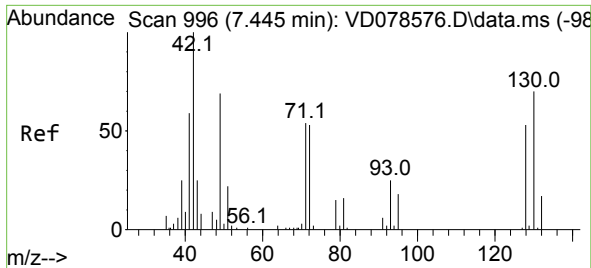
Tgt Ion: 96 Resp: 8670
Ion Ratio Lower Upper
96 100
61 130.2 0.0 239.2
98 69.9 0.0 128.6



#28
Bromochloromethane
Concen: 4.677 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 49 Resp: 4203
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 102.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 27.579 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

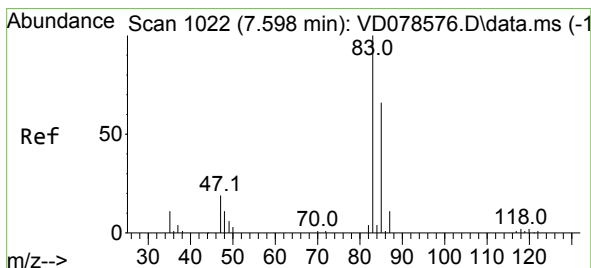
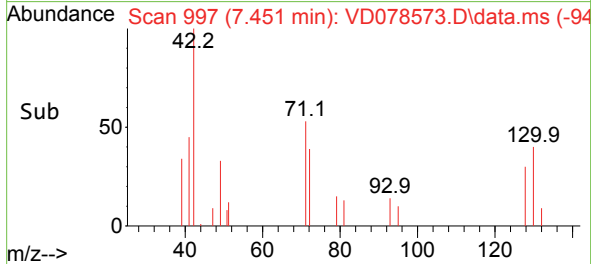
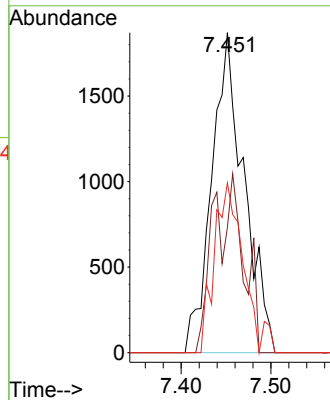
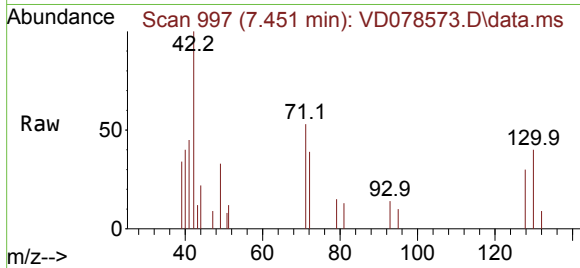
Tgt Ion: 42 Resp: 4680

Ion Ratio Lower Upper

42 100

72 29.9 46.5 69.7#

71 45.4 44.5 66.7



#30

Chloroform

Concen: 5.730 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078573.D

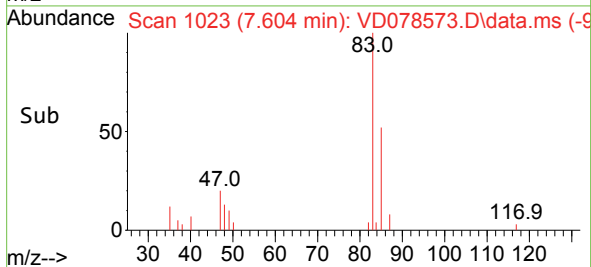
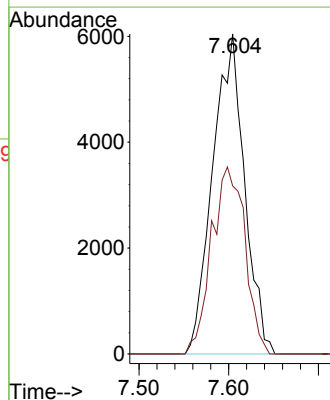
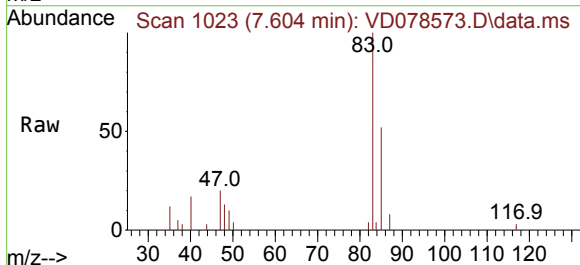
Acq: 01 Mar 2024 12:16

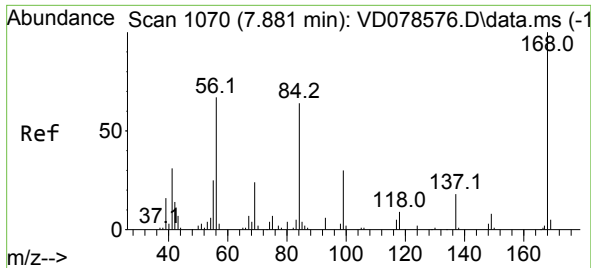
Tgt Ion: 83 Resp: 14882

Ion Ratio Lower Upper

83 100

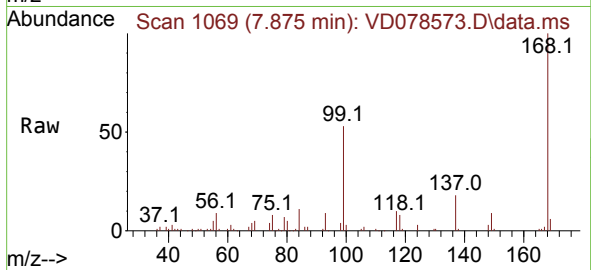
85 52.5 53.4 80.2#



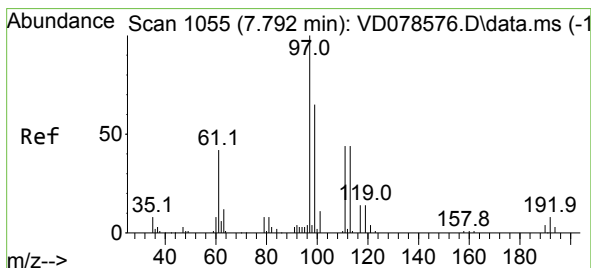
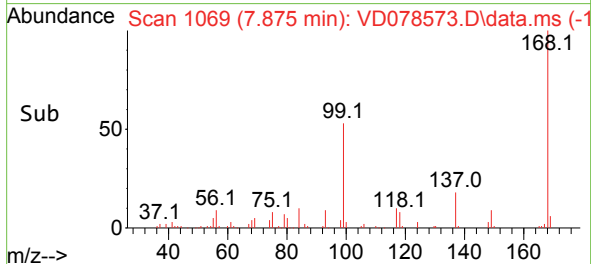
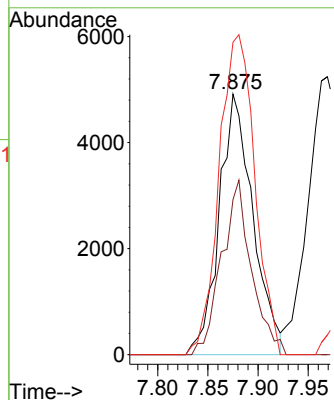


#31
Cyclohexane
Concen: 5.812 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

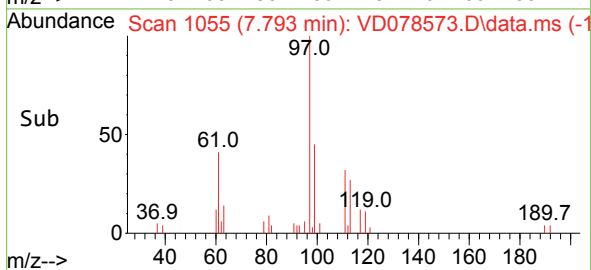
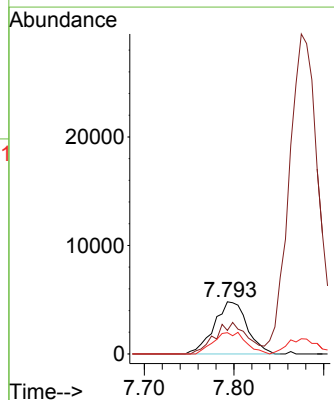
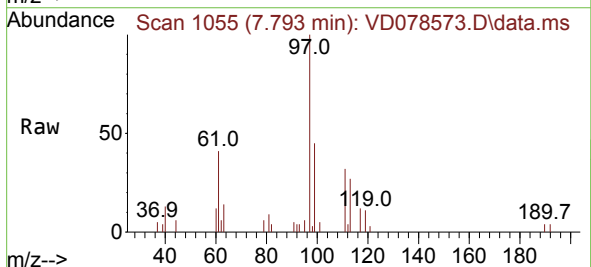


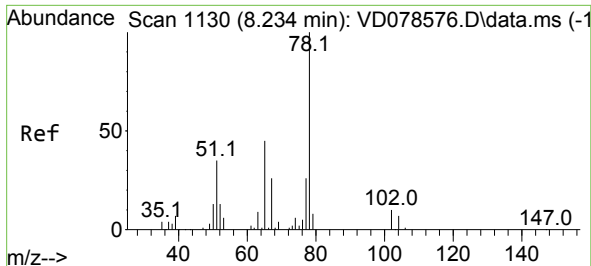
Tgt Ion: 56 Resp: 11497
Ion Ratio Lower Upper
56 100
69 59.5 28.6 43.0#
84 119.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.514 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 97 Resp: 12286
Ion Ratio Lower Upper
97 100
99 60.2 52.0 78.0
61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.228 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

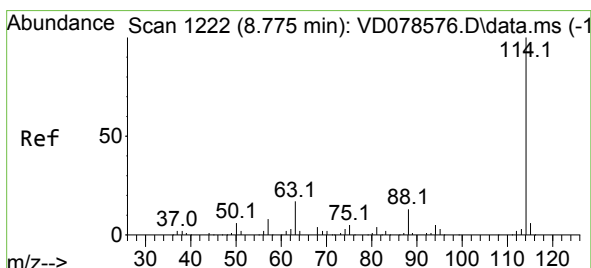
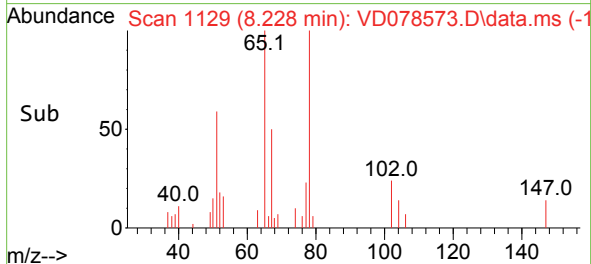
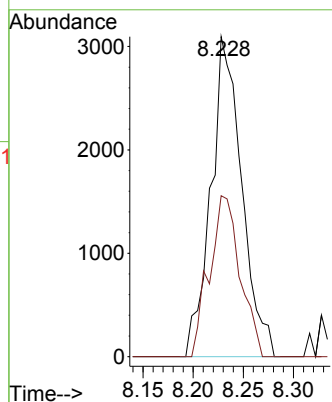
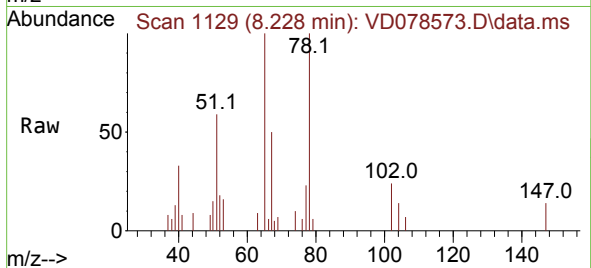
VSTDIC005

Tgt Ion: 65 Resp: 6608

Ion Ratio Lower Upper

65 100

67 50.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

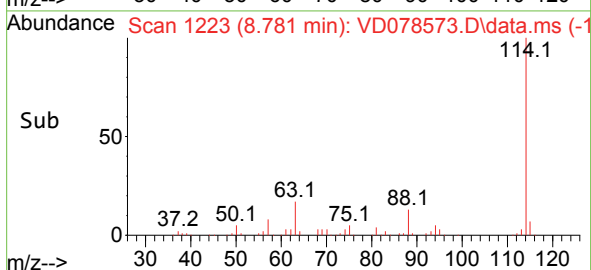
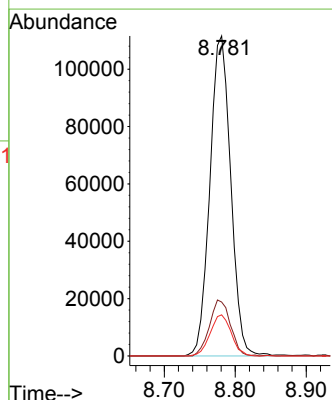
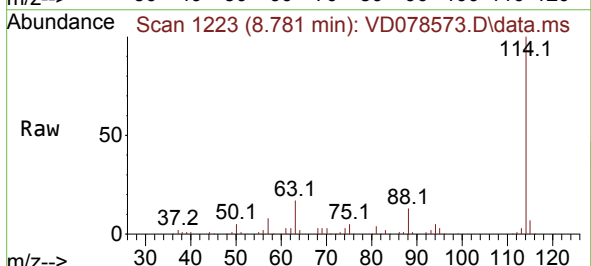
Tgt Ion: 114 Resp: 227182

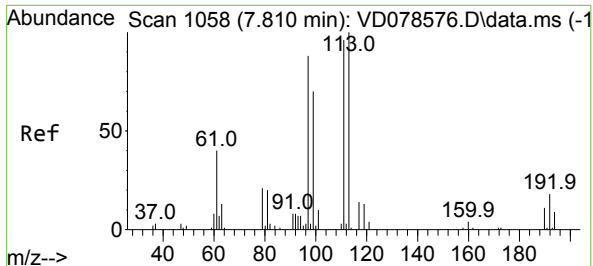
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 12.9 0.0 26.2

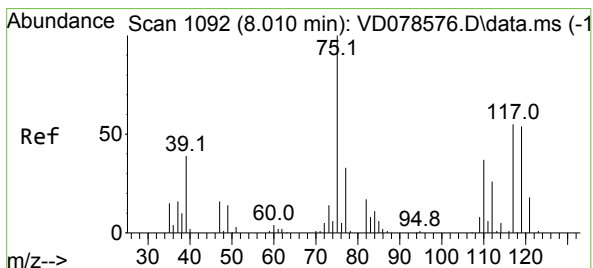
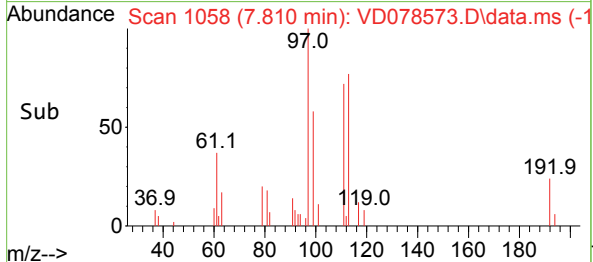
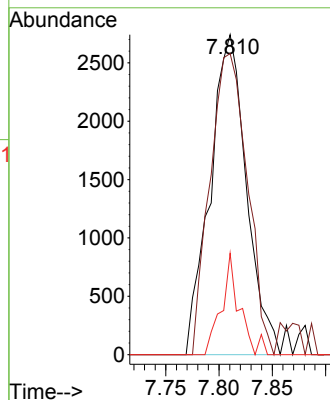
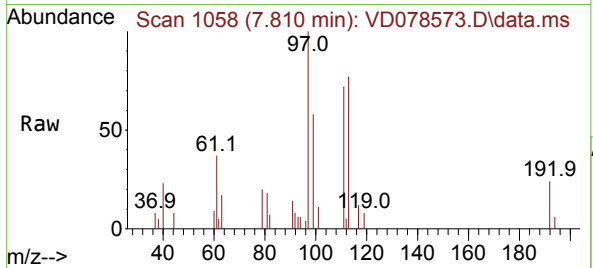




#35
 Dibromofluoromethane
 Concen: 4.408 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

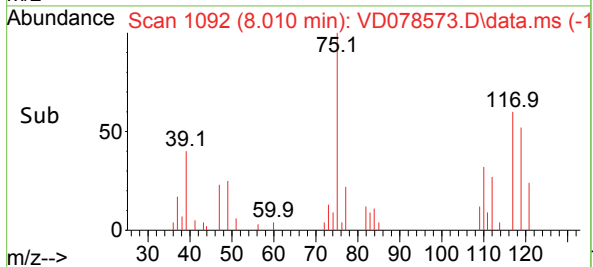
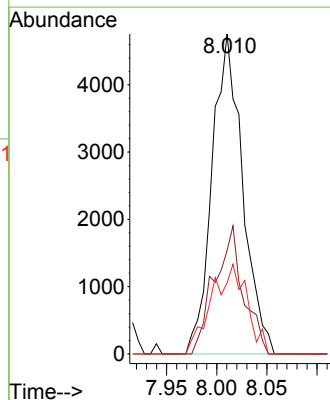
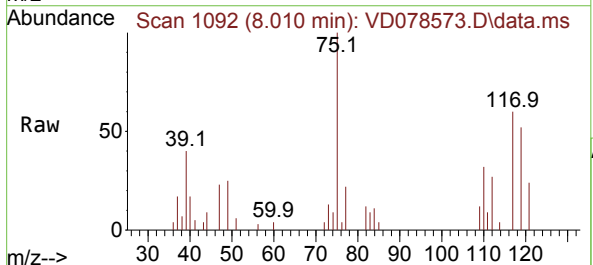
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

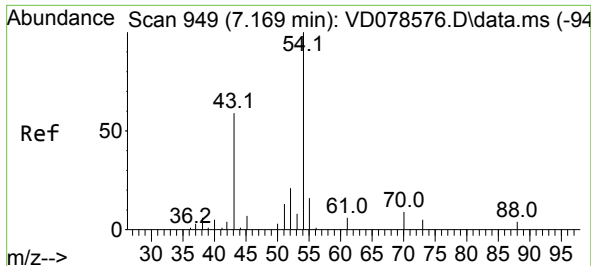
Tgt Ion:113 Resp: 6514
 Ion Ratio Lower Upper
 113 100
 111 96.4 84.7 127.1
 192 15.7 16.8 25.2#



#36
 1,1-Dichloropropene
 Concen: 4.915 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

Tgt Ion: 75 Resp: 10051
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.9 59.6
 77 32.6 24.7 37.1

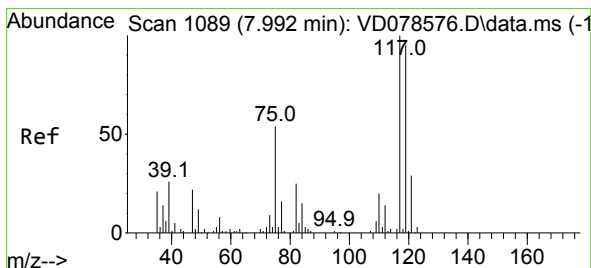
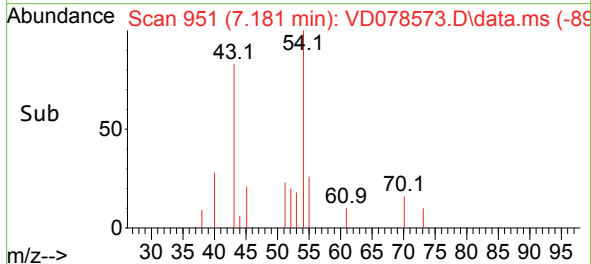
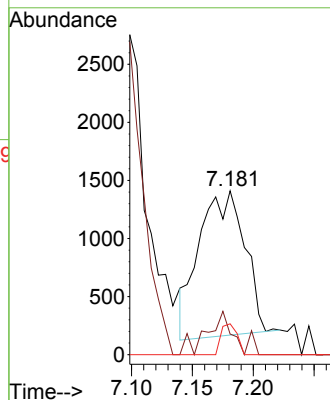
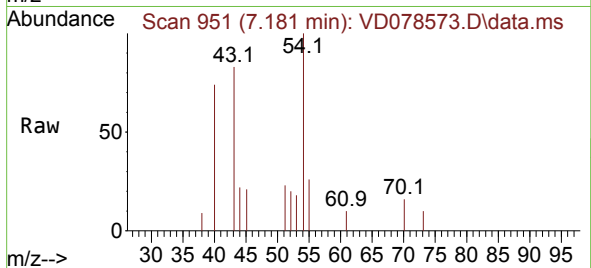




#37
Ethyl Acetate
Concen: 4.900 ug/l
RT: 7.181 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

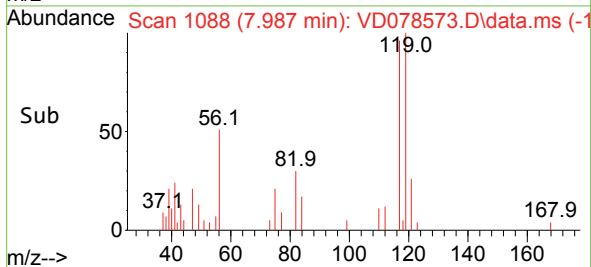
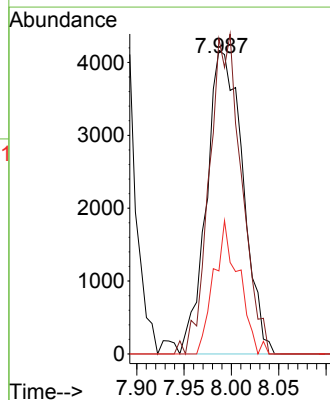
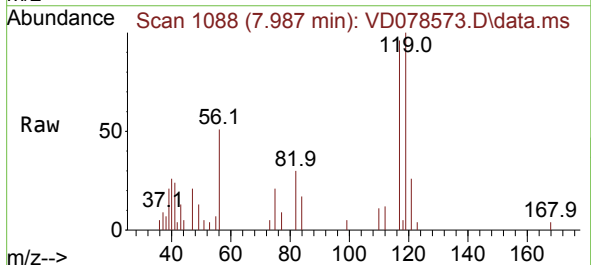
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

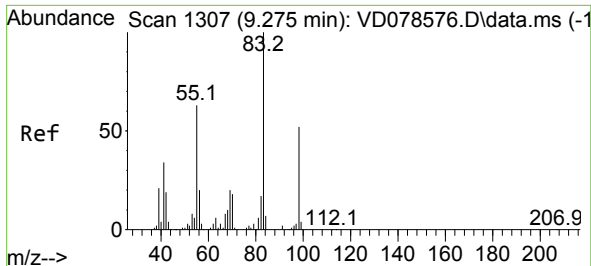
Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 7.5 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 5.184 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 117 Resp: 11088
Ion Ratio Lower Upper
117 100
119 103.8 78.0 117.0
121 27.4 24.2 36.2





#39

Methylcyclohexane

Concen: 4.758 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

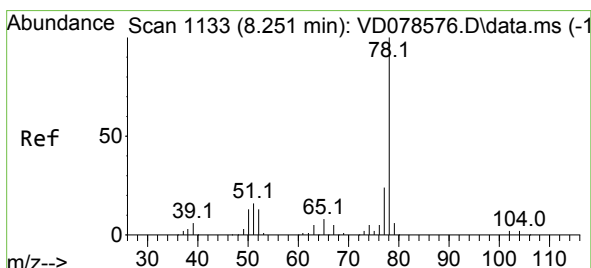
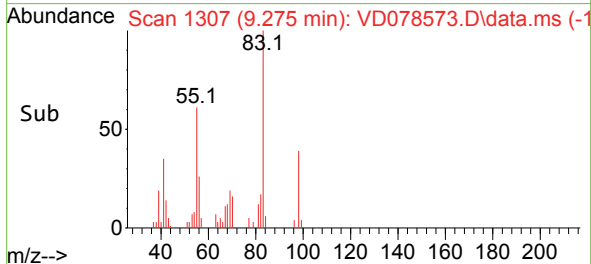
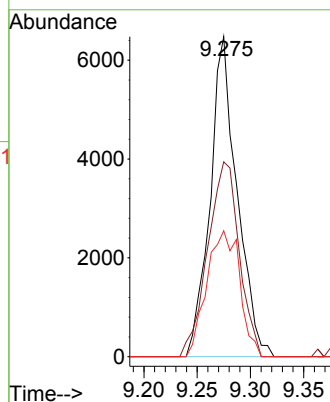
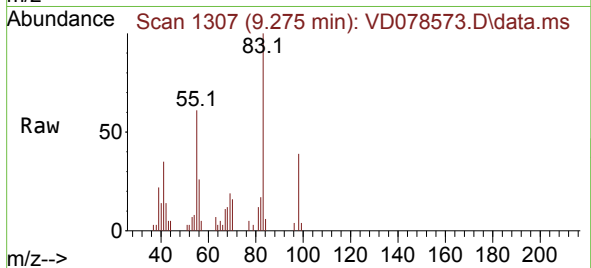
Tgt Ion: 83 Resp: 11420

Ion Ratio Lower Upper

83 100

55 60.9 49.4 74.0

98 39.4 38.4 57.6



#40

Benzene

Concen: 5.030 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078573.D

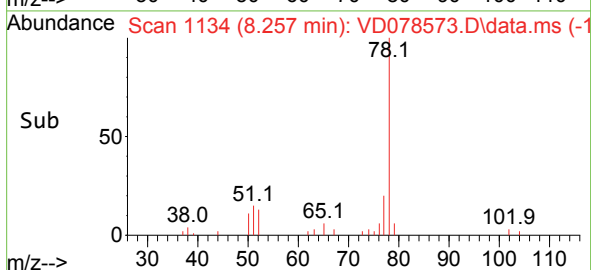
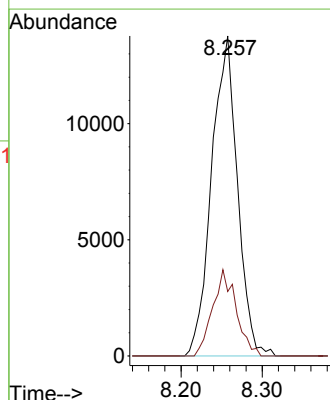
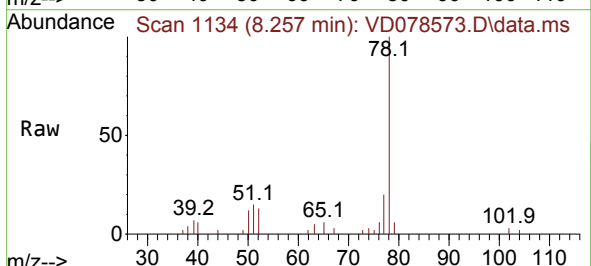
Acq: 01 Mar 2024 12:16

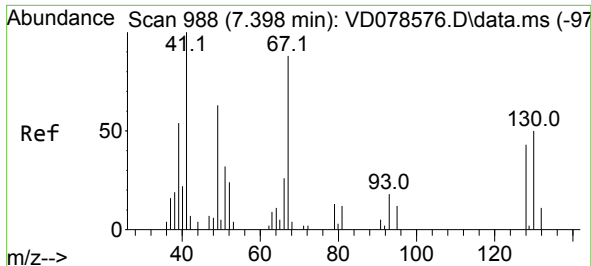
Tgt Ion: 78 Resp: 30491

Ion Ratio Lower Upper

78 100

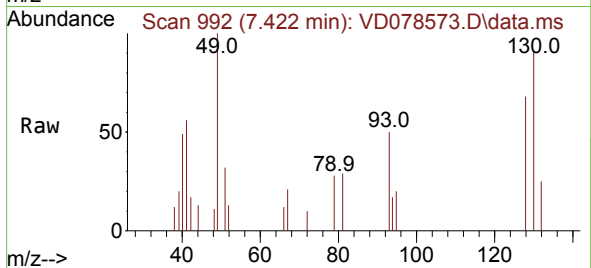
77 20.1 19.4 29.0



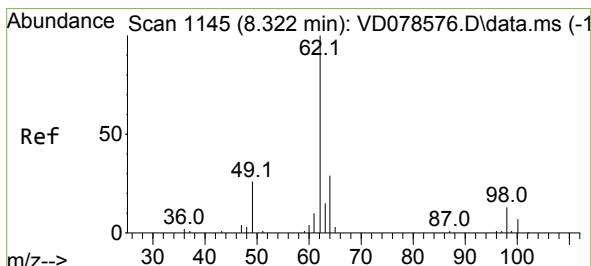
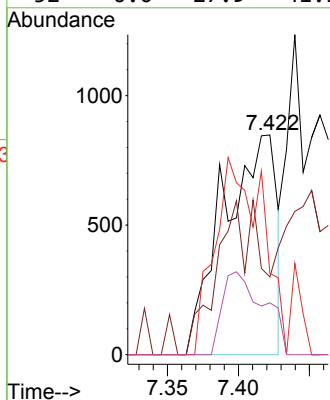
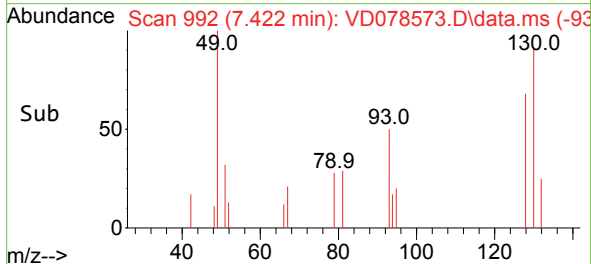


#41
Methacrylonitrile
Concen: 6.186 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.024 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

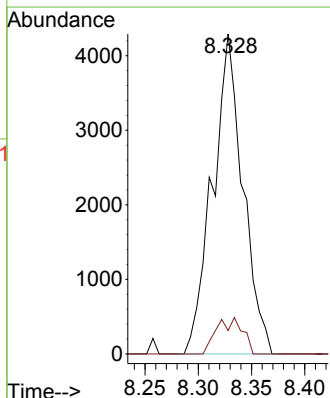
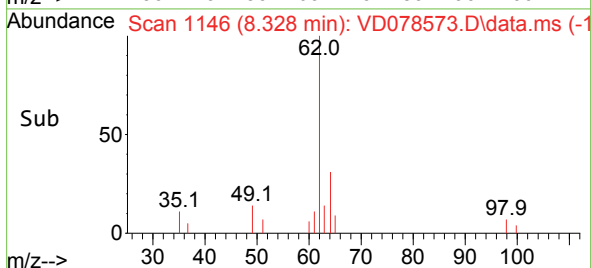
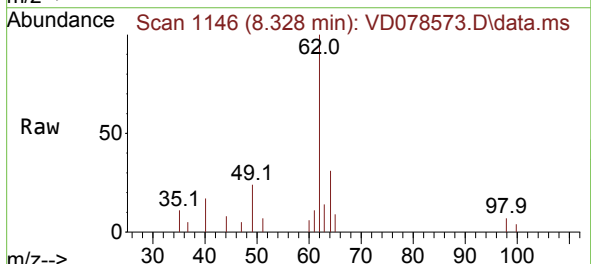


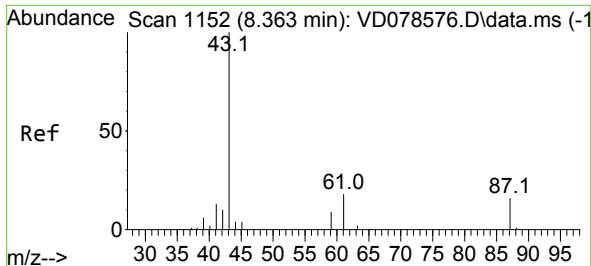
Tgt Ion: 41 Resp: 2197
Ion Ratio Lower Upper
41 100
39 57.2 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.509 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 62 Resp: 8472
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.4





#43

Isopropyl Acetate

Concen: 5.417 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

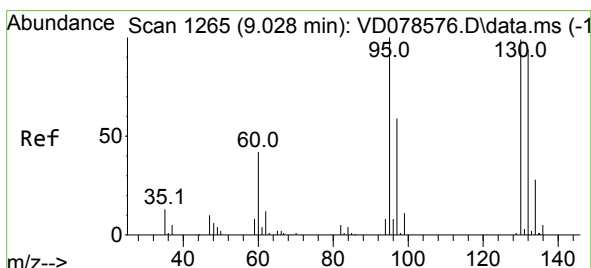
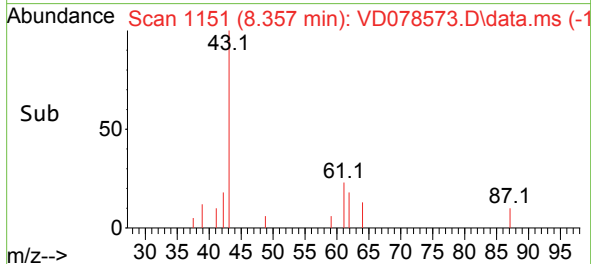
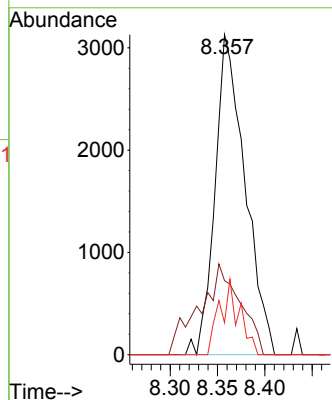
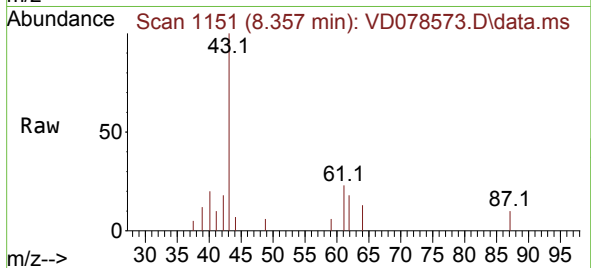
Tgt Ion: 43 Resp: 6881

Ion Ratio Lower Upper

43 100

61 38.6 31.4 47.0

87 15.4 14.9 22.3



#44

Trichloroethene

Concen: 5.143 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078573.D

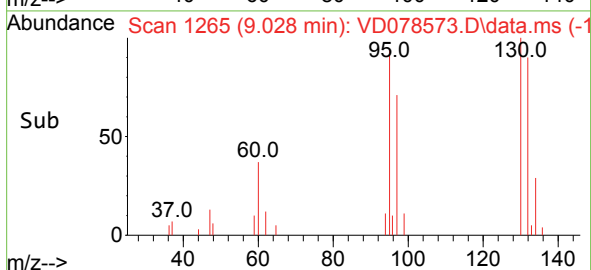
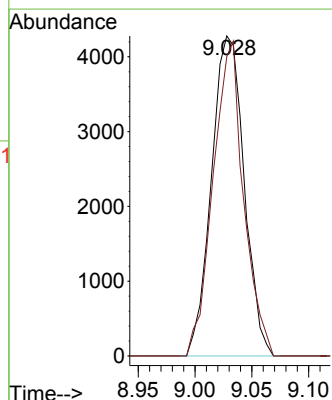
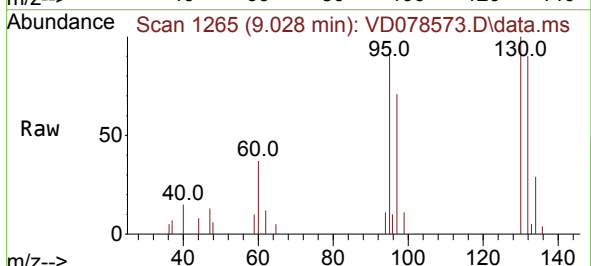
Acq: 01 Mar 2024 12:16

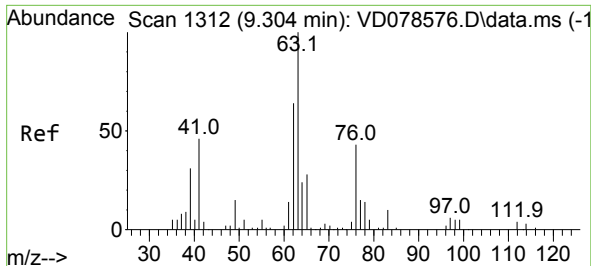
Tgt Ion:130 Resp: 8555

Ion Ratio Lower Upper

130 100

95 93.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.074 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

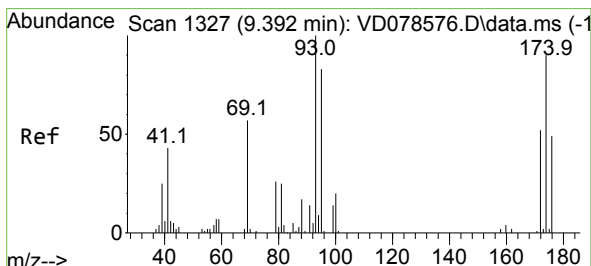
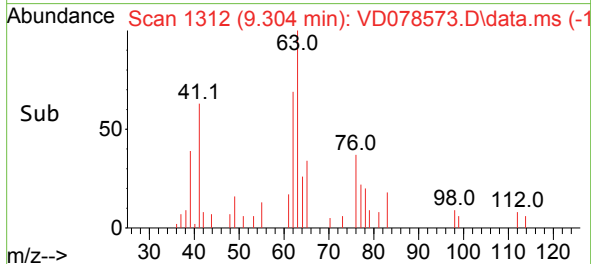
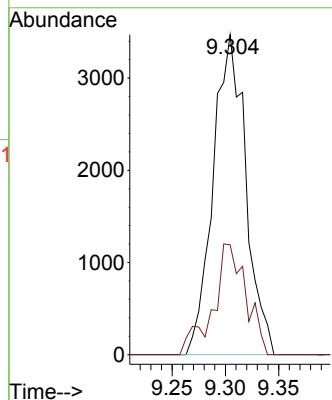
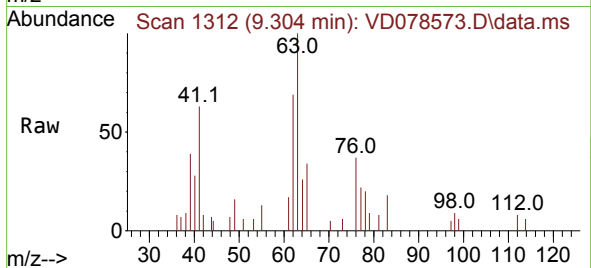
VSTDIC005

Tgt Ion: 63 Resp: 7388

Ion Ratio Lower Upper

63 100

65 34.3 24.5 36.7



#46

Dibromomethane

Concen: 5.020 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

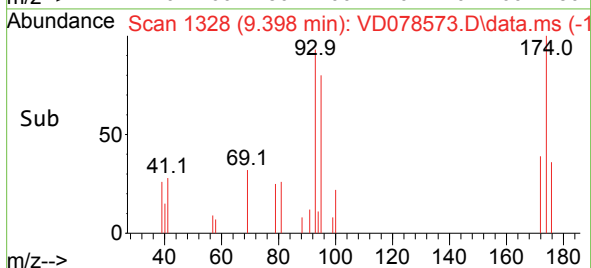
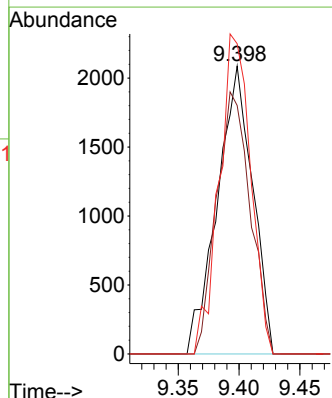
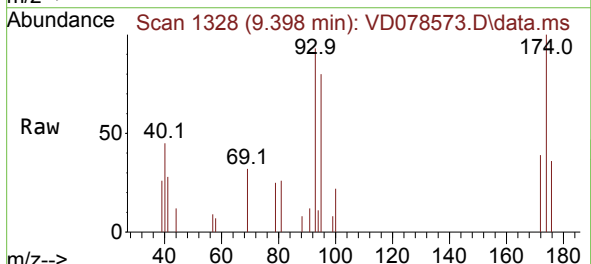
Tgt Ion: 93 Resp: 4214

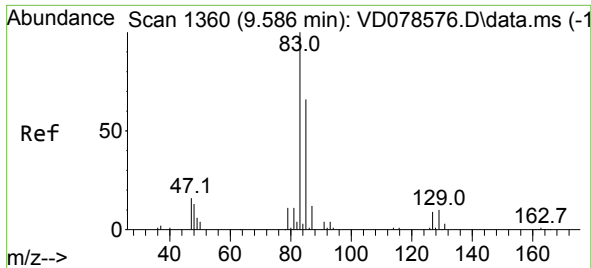
Ion Ratio Lower Upper

93 100

95 86.7 67.7 101.5

174 99.2 85.4 128.2

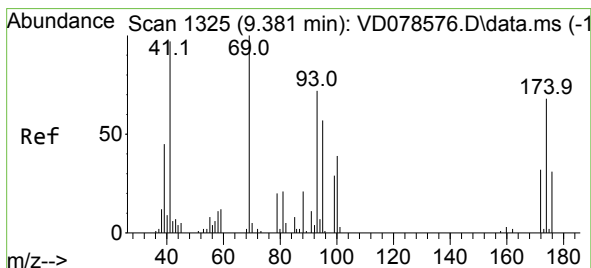
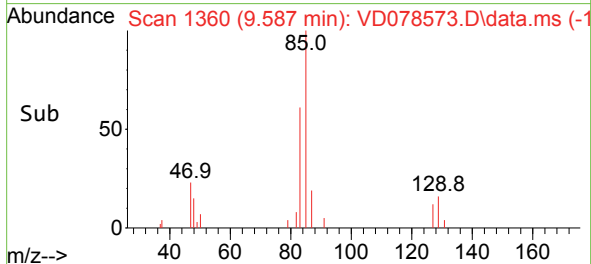
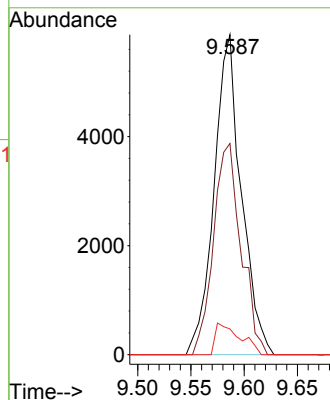
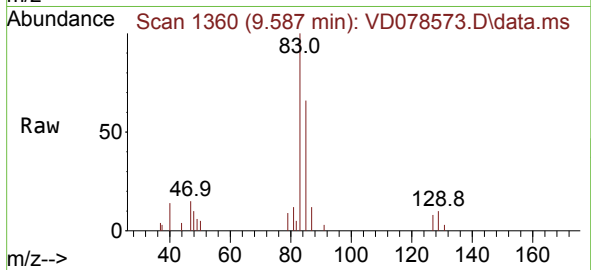




#47
Bromodichloromethane
Concen: 5.038 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

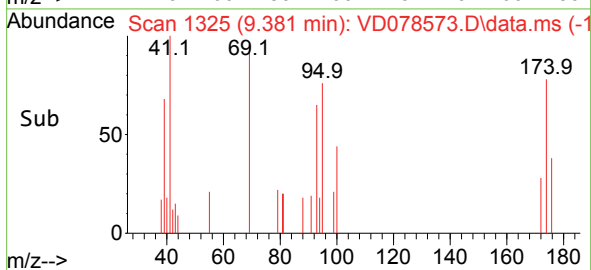
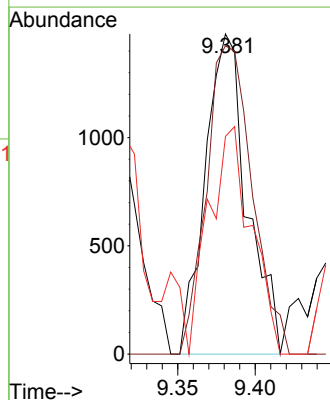
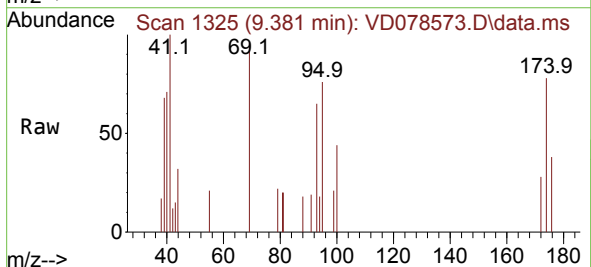
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

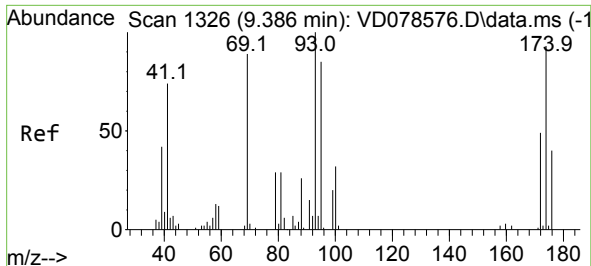
Tgt Ion: 83 Resp: 10427
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.4
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 4.826 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 41 Resp: 2777
Ion Ratio Lower Upper
41 100
69 105.6 102.2 153.2
39 71.9 41.4 62.2





#49

1,4-Dioxane

Concen: 146.648 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.007 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

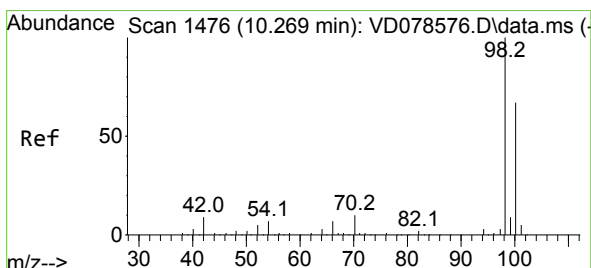
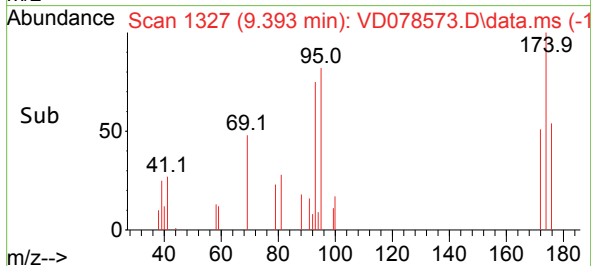
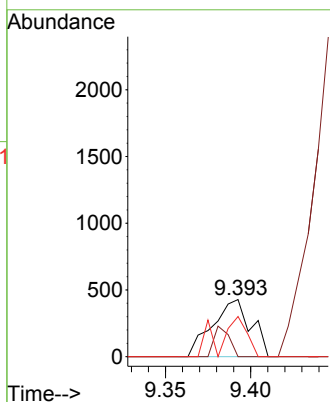
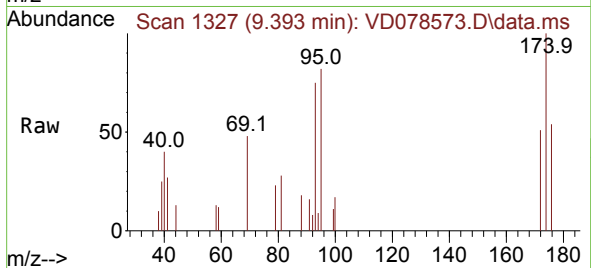
Tgt Ion: 88 Resp: 673

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 35.5 43.5 65.3#



#50

Toluene-d8

Concen: 4.265 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078573.D

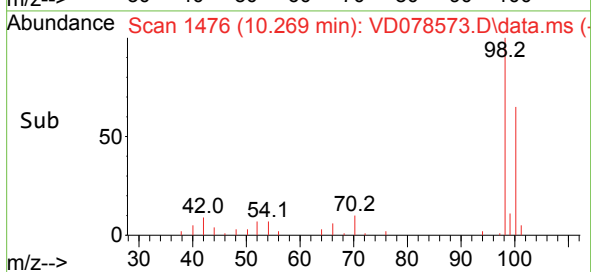
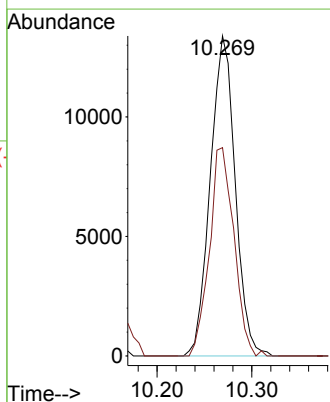
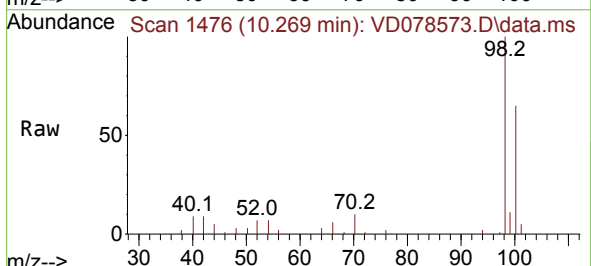
Acq: 01 Mar 2024 12:16

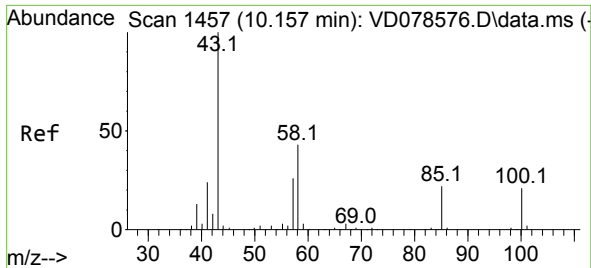
Tgt Ion: 98 Resp: 24492

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5

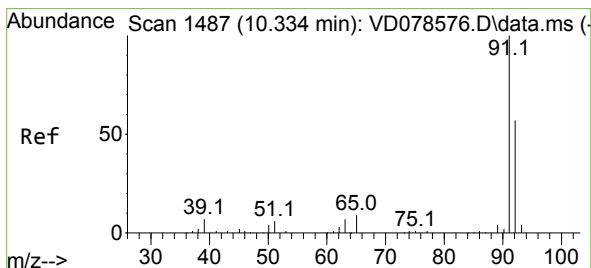
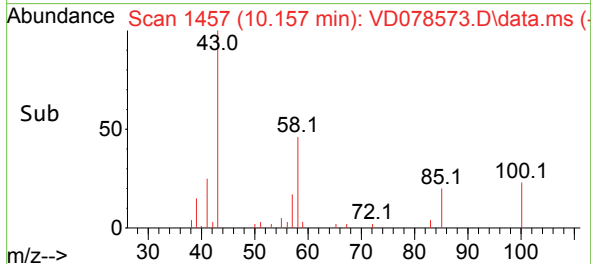
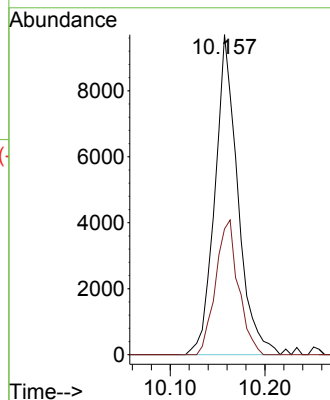
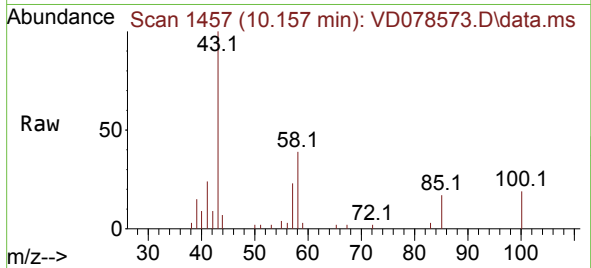




#51
4-Methyl-2-Pentanone
Concen: 24.802 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

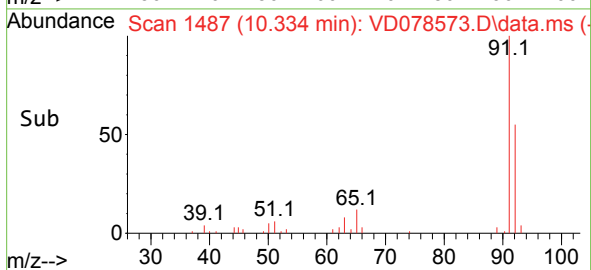
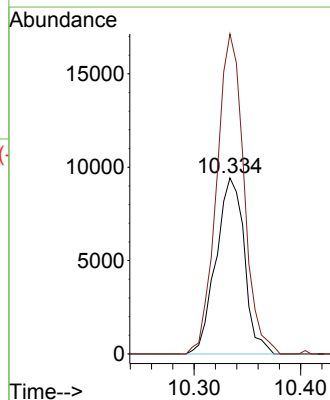
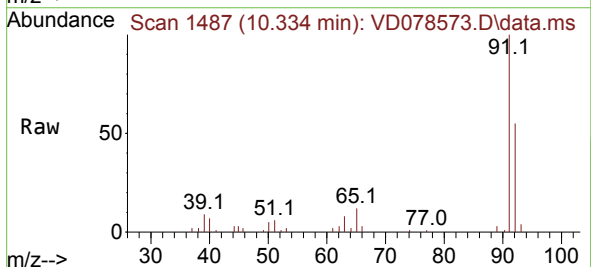
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

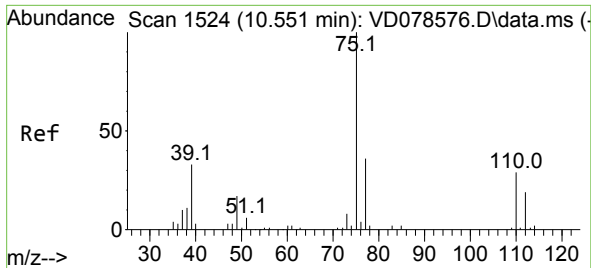
Tgt Ion: 43 Resp: 16262
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 4.483 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 92 Resp: 17437
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

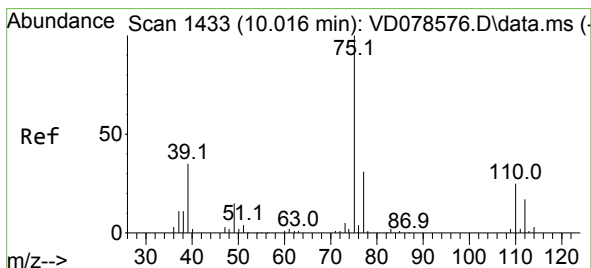
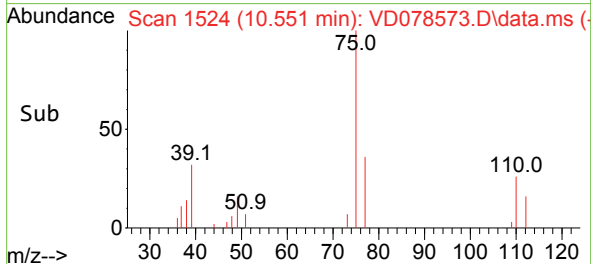
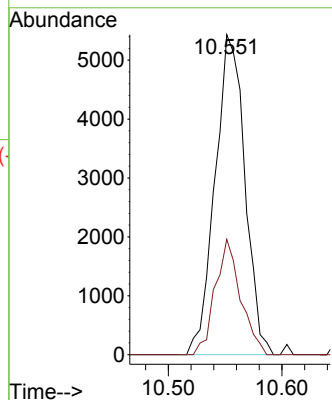
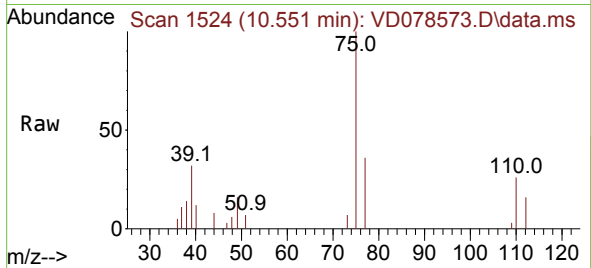




#53
t-1,3-Dichloropropene
Concen: 5.172 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

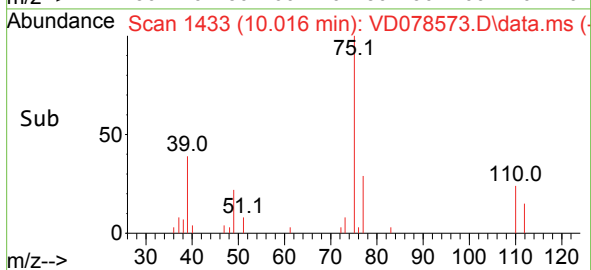
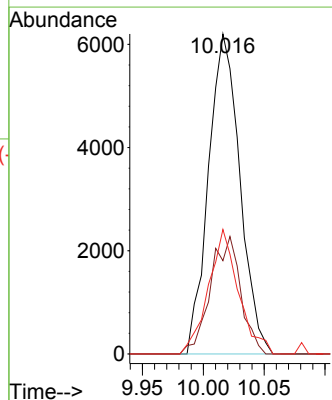
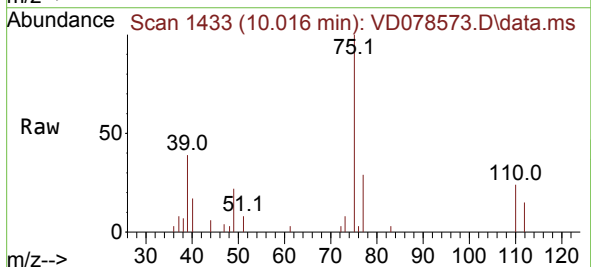
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

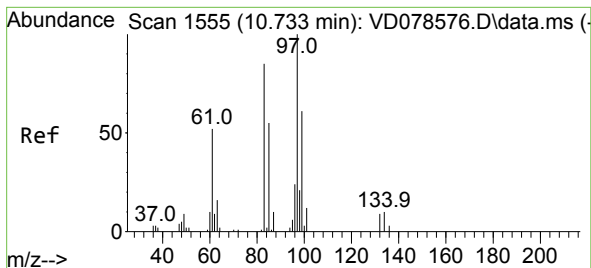
Tgt Ion: 75 Resp: 9902
Ion Ratio Lower Upper
75 100
77 36.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.856 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 75 Resp: 11132
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3
39 38.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 5.743 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 6788

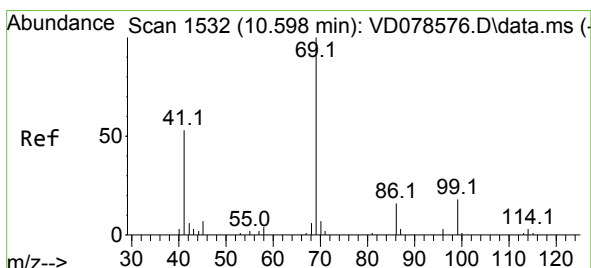
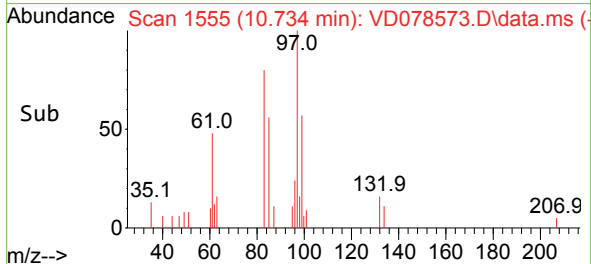
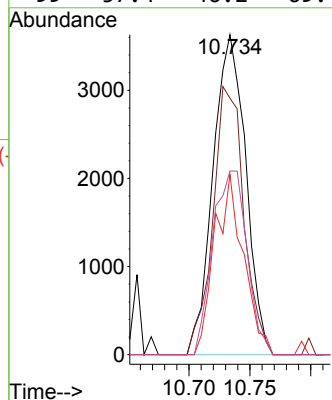
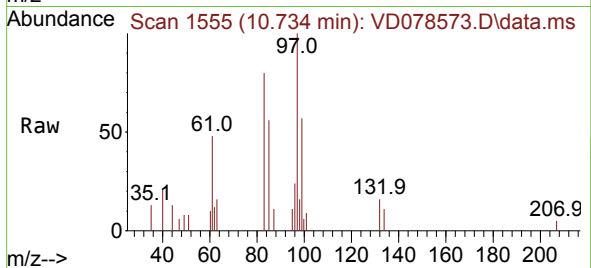
Ion Ratio Lower Upper

97 100

83 80.2 65.8 98.6

85 56.4 45.7 68.5

99 57.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 4.579 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

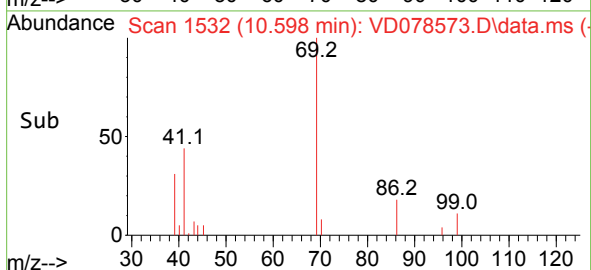
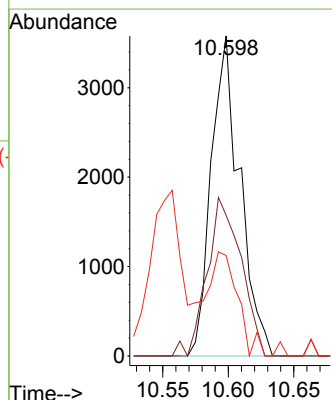
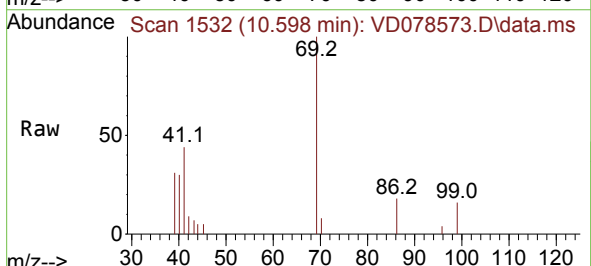
Tgt Ion: 69 Resp: 5425

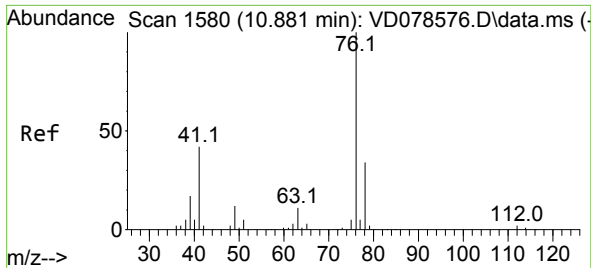
Ion Ratio Lower Upper

69 100

41 58.9 39.1 58.7#

39 34.6 20.0 30.0#

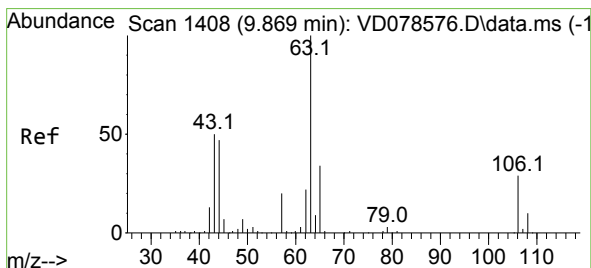
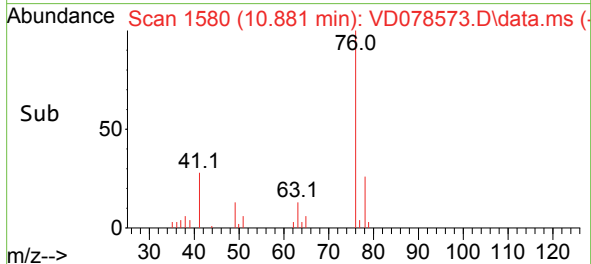
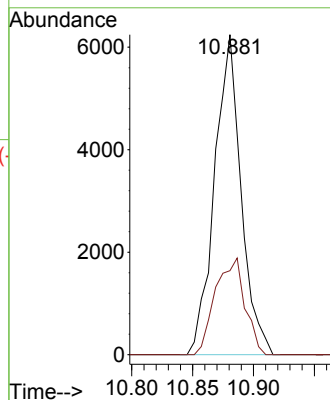
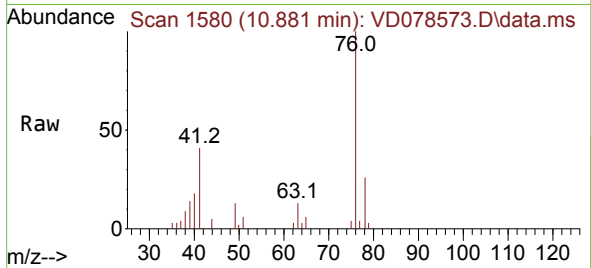




#57
1,3-Dichloropropane
Concen: 4.939 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

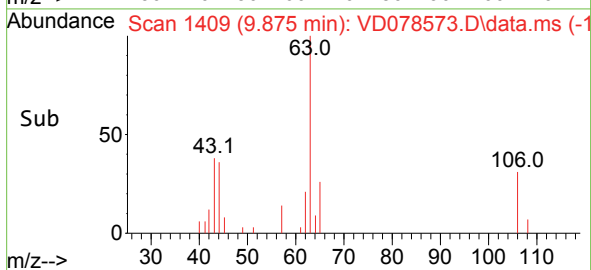
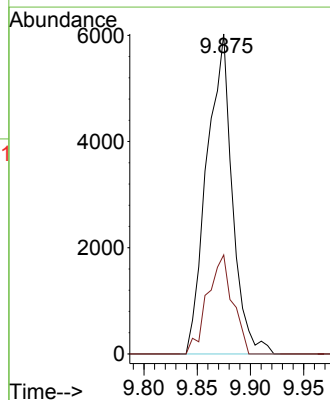
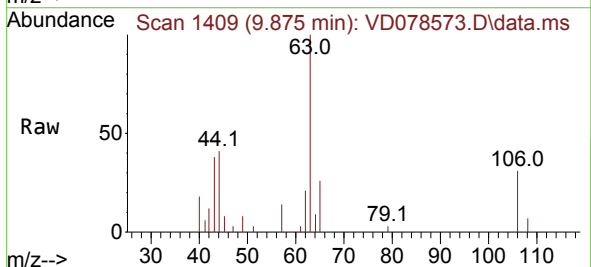
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

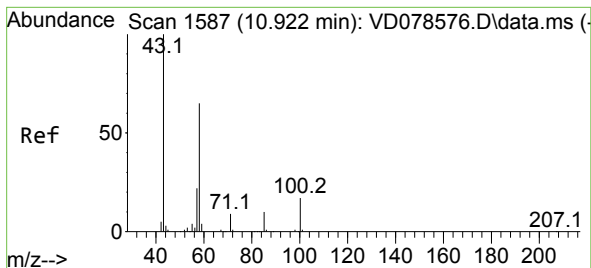
Tgt Ion:	76	Resp:	9459
Ion	Ratio	Lower	Upper
76	100		
78	33.6	26.4	39.6



#58
2-Chloroethyl Vinyl ether
Concen: 13.067 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion:	63	Resp:	10054
Ion	Ratio	Lower	Upper
63	100		
106	30.4	25.3	37.9

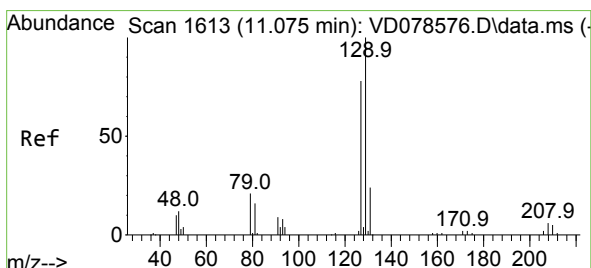
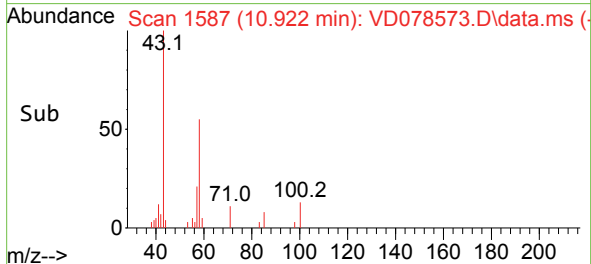
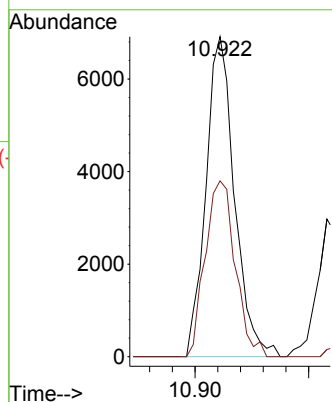
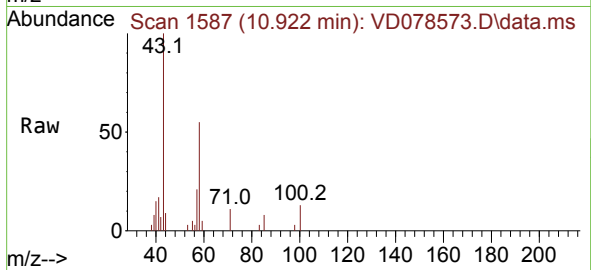




#59
2-Hexanone
Concen: 24.835 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

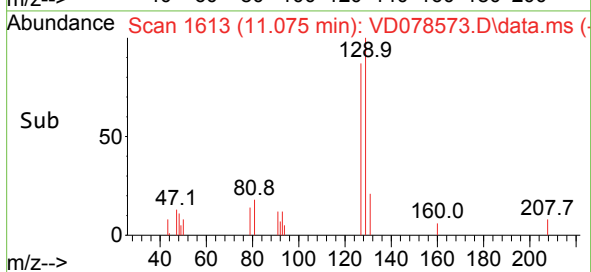
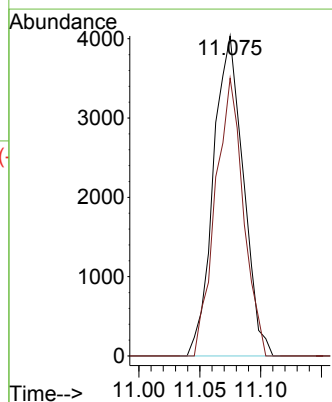
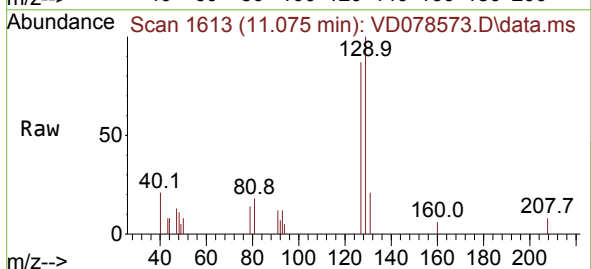
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

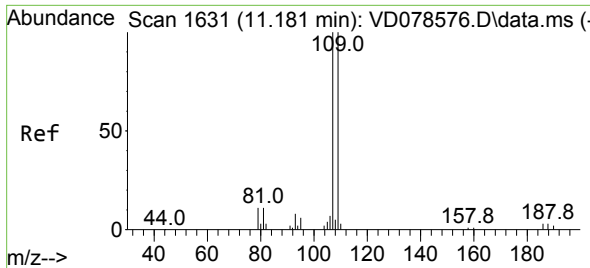
Tgt Ion: 43 Resp: 12078
Ion Ratio Lower Upper
43 100
58 57.7 34.1 102.2



#60
Dibromochloromethane
Concen: 4.833 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 129 Resp: 6898
Ion Ratio Lower Upper
129 100
127 81.4 37.1 111.5

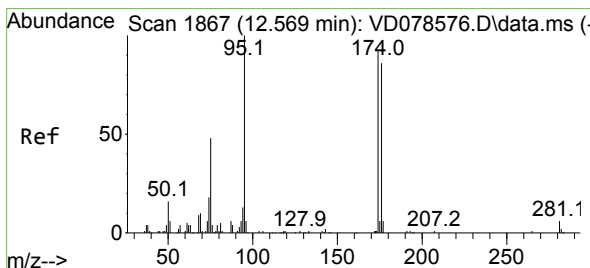
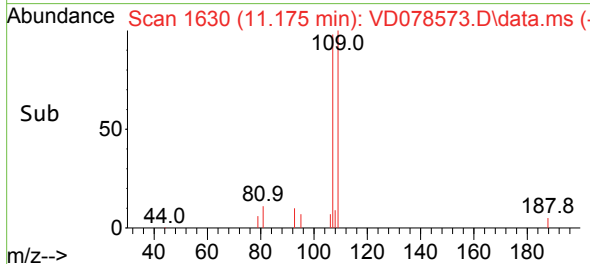
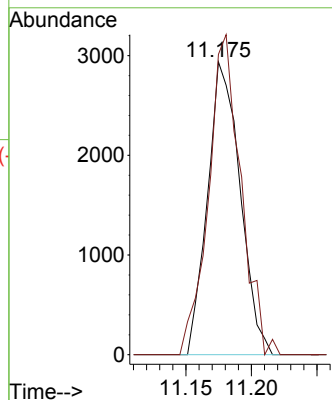
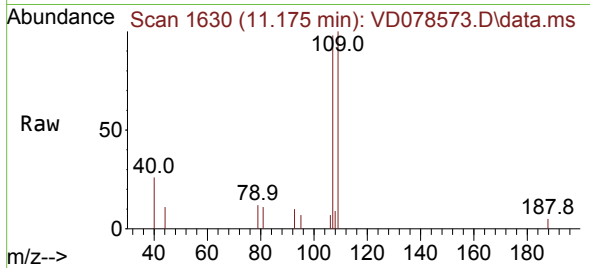




#61
1,2-Dibromoethane
Concen: 4.674 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

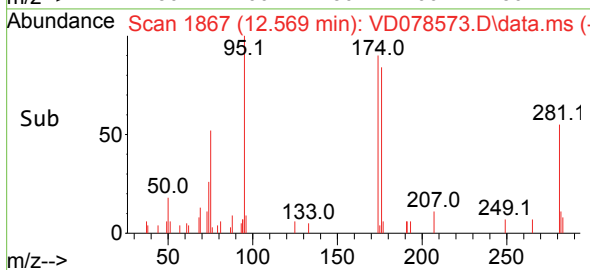
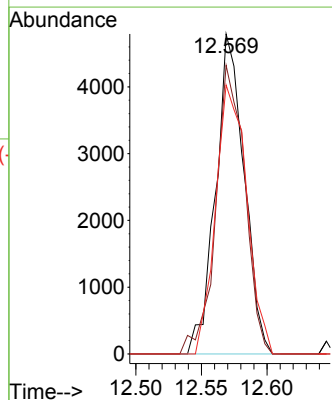
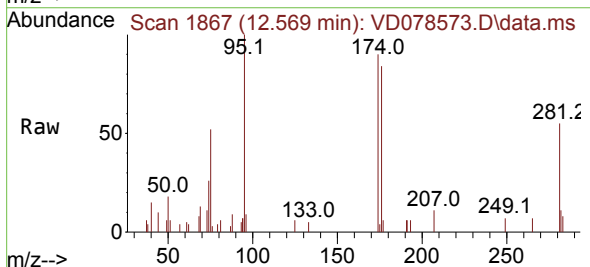
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

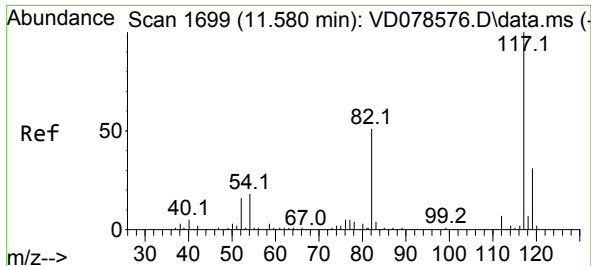
Tgt Ion:107 Resp: 5070
Ion Ratio Lower Upper
107 100
109 108.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.428 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 95 Resp: 7263
Ion Ratio Lower Upper
95 100
174 91.6 0.0 201.8
176 91.5 0.0 191.8

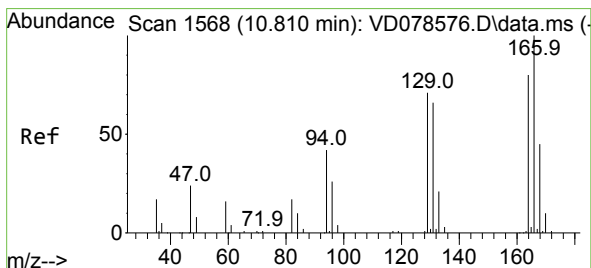
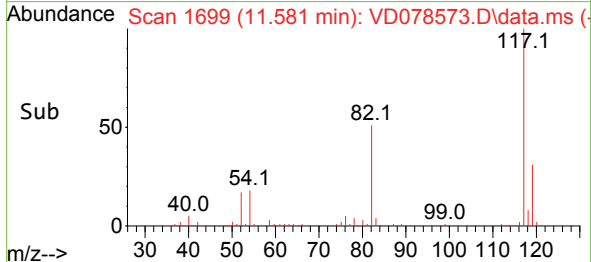
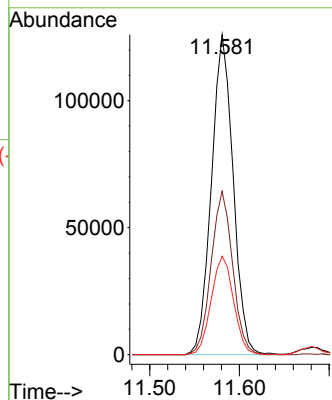
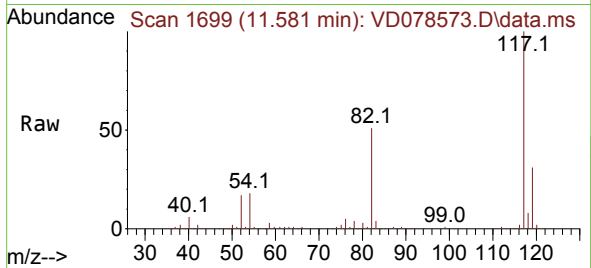




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

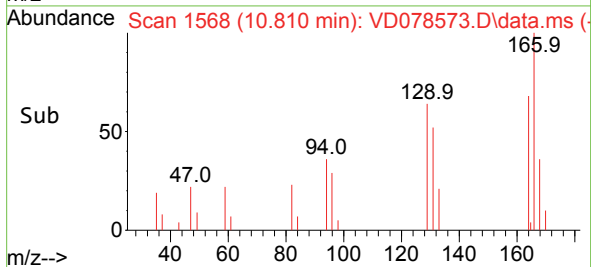
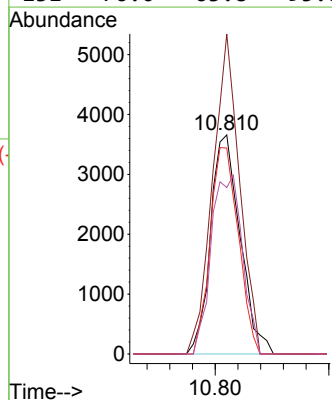
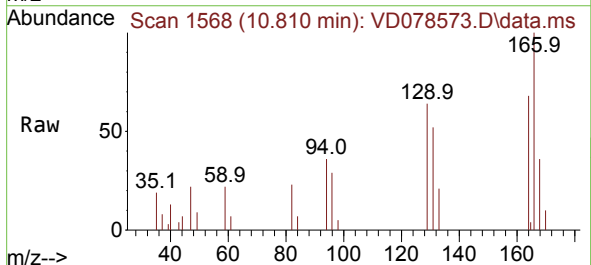
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

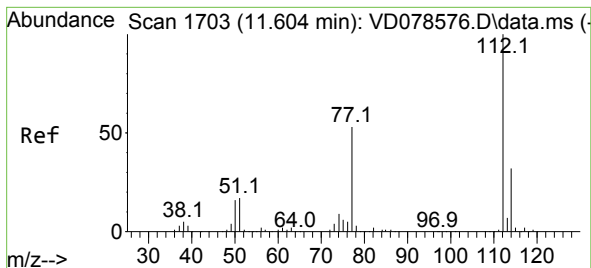
Tgt Ion:117 Resp: 211783
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 4.961 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion:164 Resp: 6611
Ion Ratio Lower Upper
164 100
166 146.1 99.2 148.8
129 94.0 68.4 102.6
131 76.0 63.8 95.8





#65

Chlorobenzene

Concen: 4.955 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

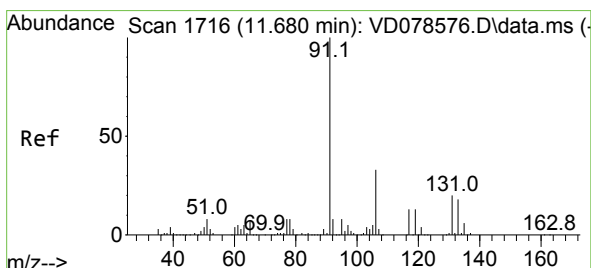
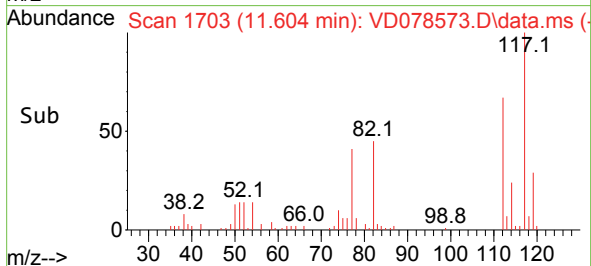
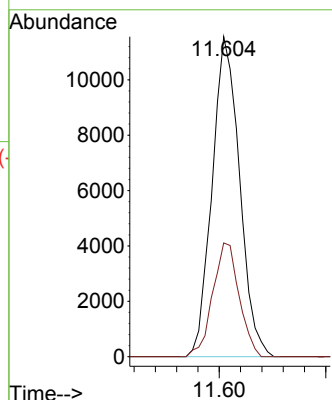
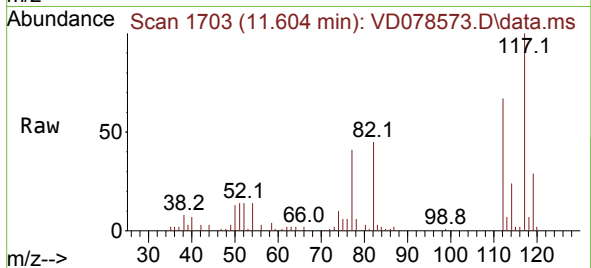
VSTDIC005

Tgt Ion:112 Resp: 20663

Ion Ratio Lower Upper

112 100

114 35.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 4.989 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

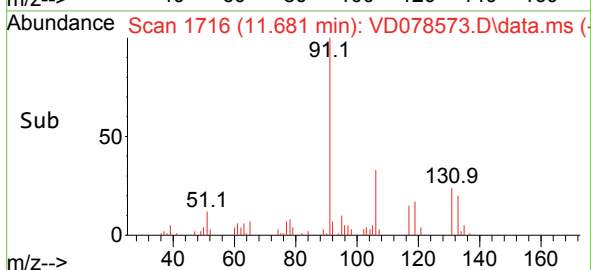
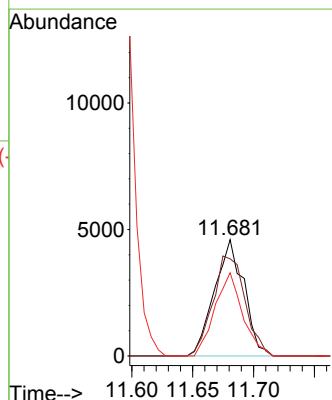
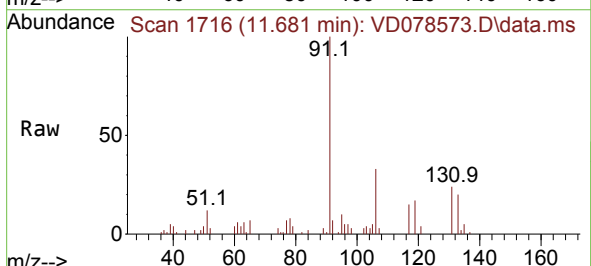
Tgt Ion:131 Resp: 7746

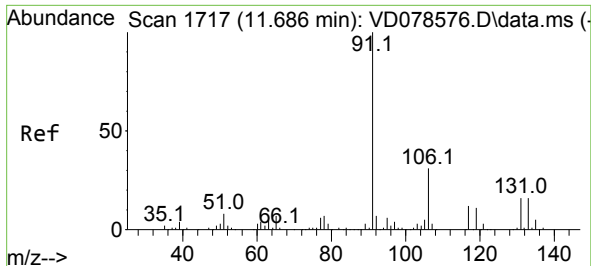
Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.5

119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 4.500 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

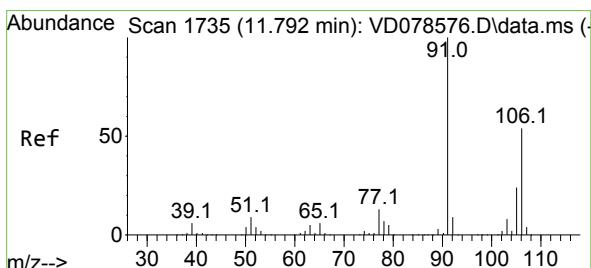
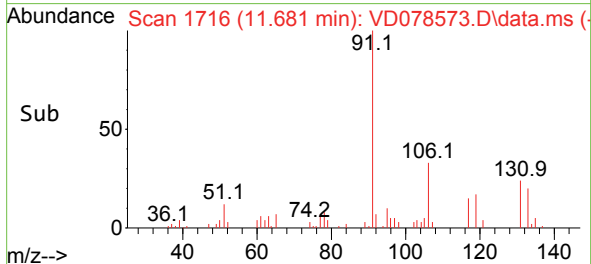
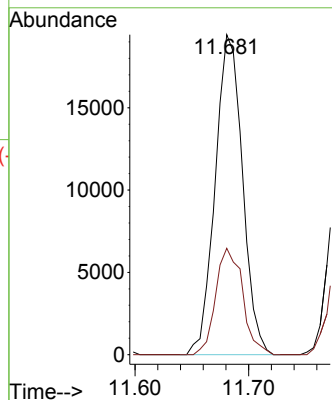
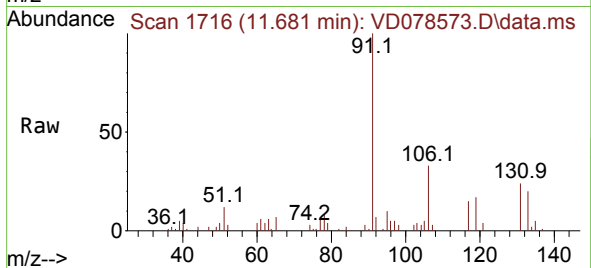
VSTDIC005

Tgt Ion: 91 Resp: 32519

Ion Ratio Lower Upper

91 100

106 33.2 26.5 39.7



#68

m/p-Xylenes

Concen: 8.746 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078573.D

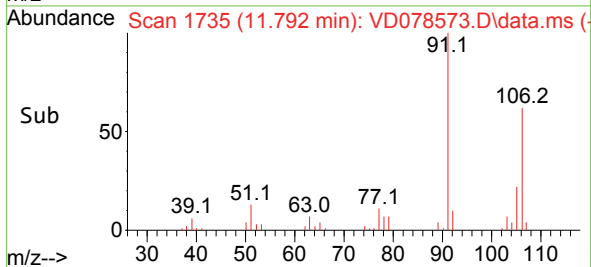
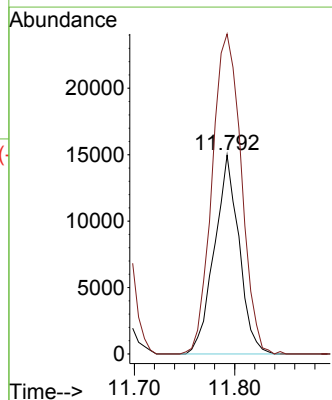
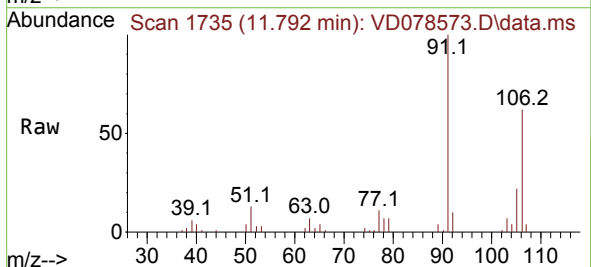
Acq: 01 Mar 2024 12:16

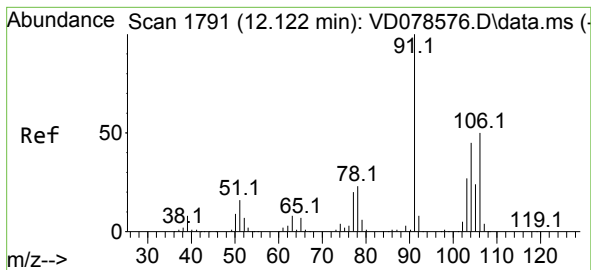
Tgt Ion: 106 Resp: 25569

Ion Ratio Lower Upper

106 100

91 190.5 147.0 220.6

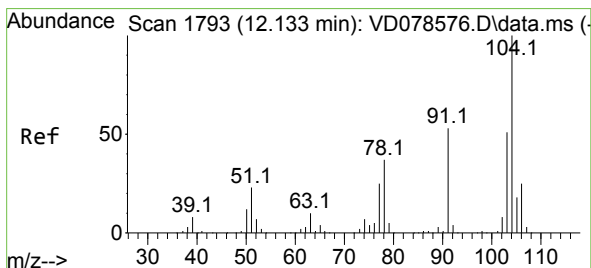
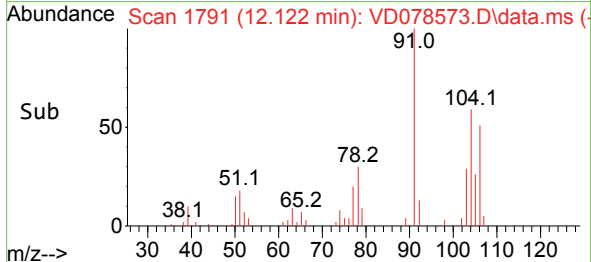
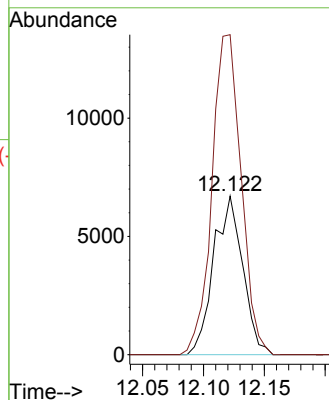
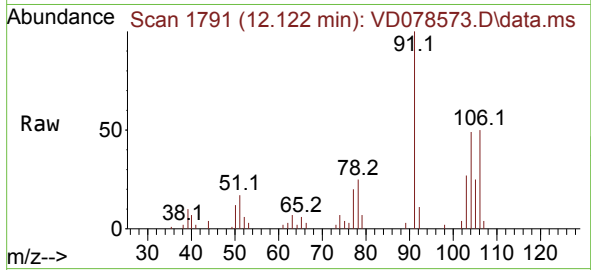




#69
o-Xylene
Concen: 4.194 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

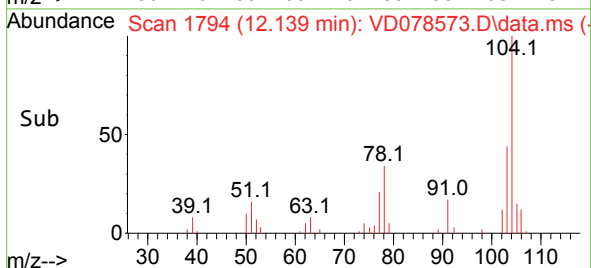
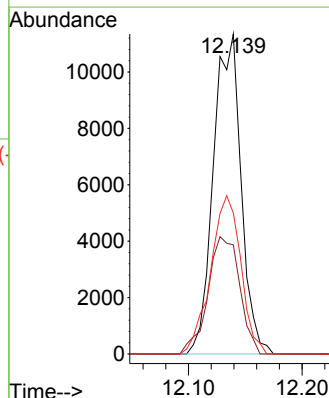
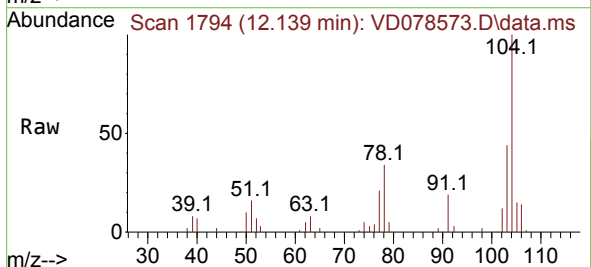
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

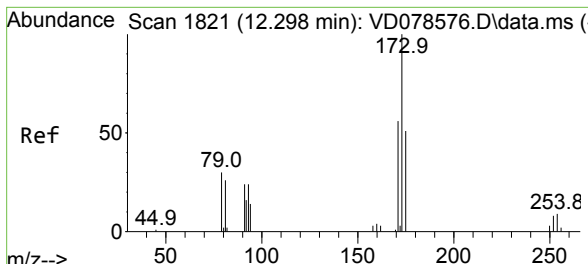
Tgt Ion:106 Resp: 11124
Ion Ratio Lower Upper
106 100
91 202.5 97.9 293.6



#70
Styrene
Concen: 4.171 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion:104 Resp: 19174
Ion Ratio Lower Upper
104 100
78 42.1 33.2 49.8
103 54.1 43.6 65.4

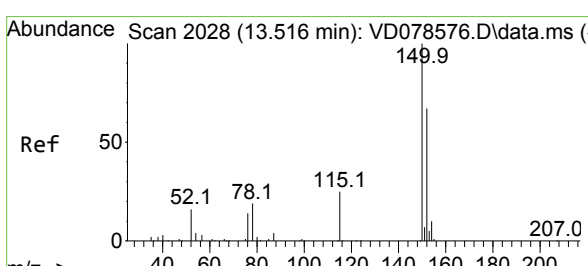
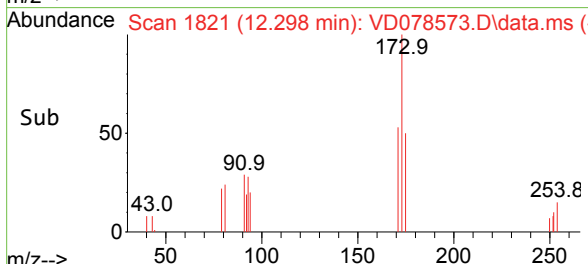
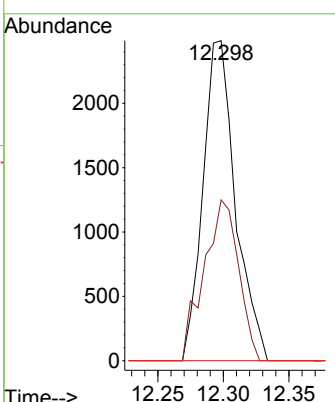
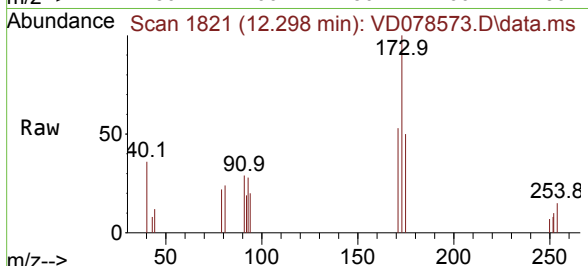




#71
 Bromoform
 Concen: 5.178 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

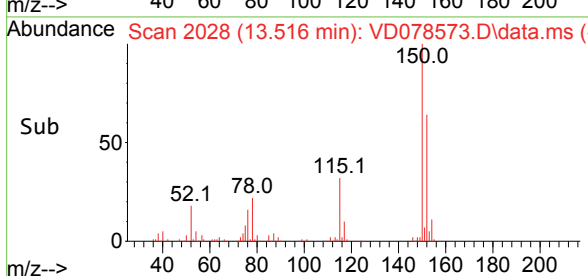
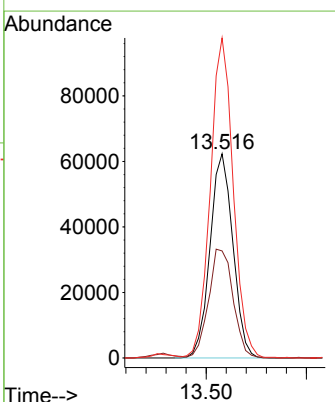
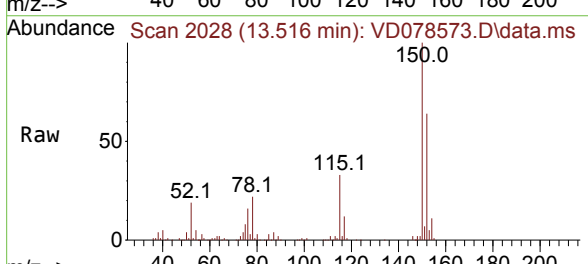
Instrument : MSVOA_D
 ClientSampleId : VSTDICC005

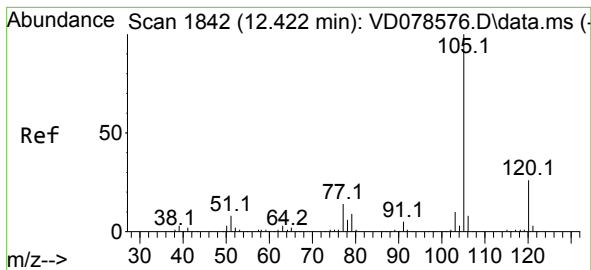
Tgt Ion:	173	Resp:	4277
Ion Ratio	Lower	Upper	
173	100		
175	53.4	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

Tgt Ion:	152	Resp:	98668
Ion Ratio	Lower	Upper	
152	100		
115	57.0	27.1	81.3
150	157.2	0.0	353.6





#73

Isopropylbenzene

Concen: 4.760 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

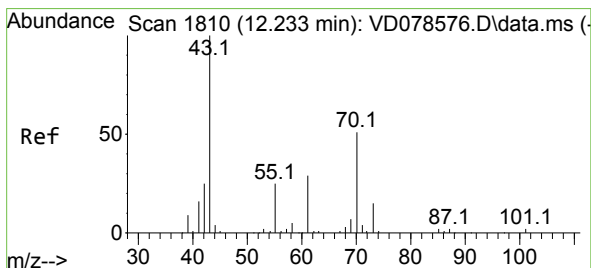
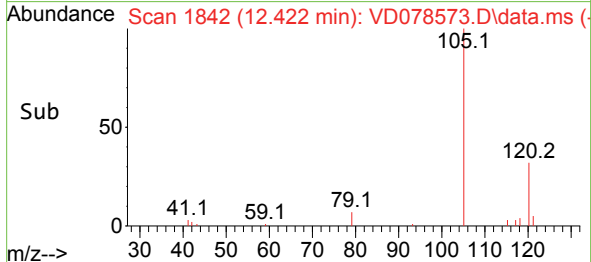
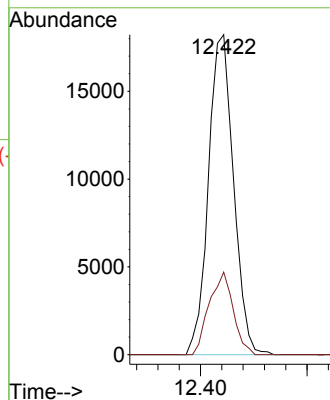
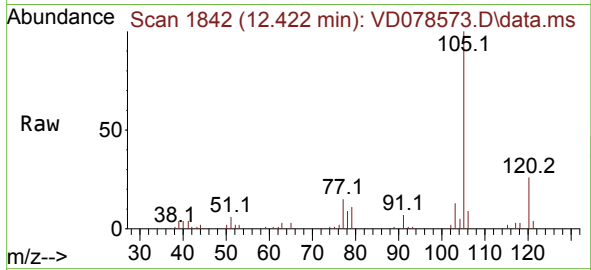
VSTDIC005

Tgt Ion:105 Resp: 29769

Ion Ratio Lower Upper

105 100

120 24.7 14.3 42.9



#74

N-ethyl acetate

Concen: 5.381 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Tgt Ion: 43 Resp: 5665

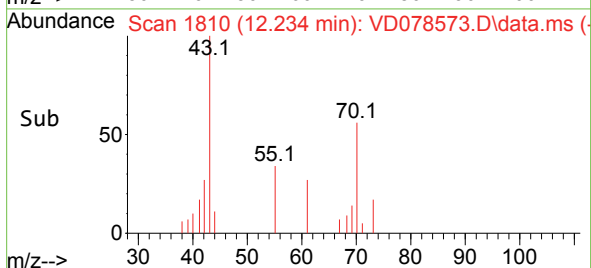
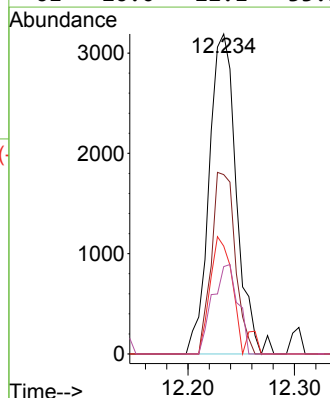
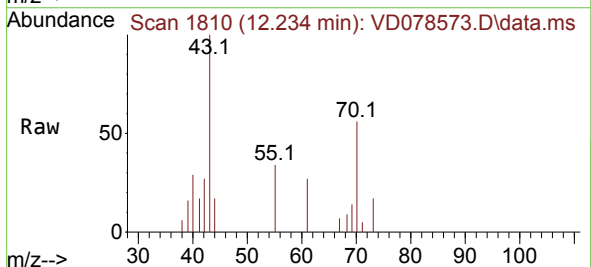
Ion Ratio Lower Upper

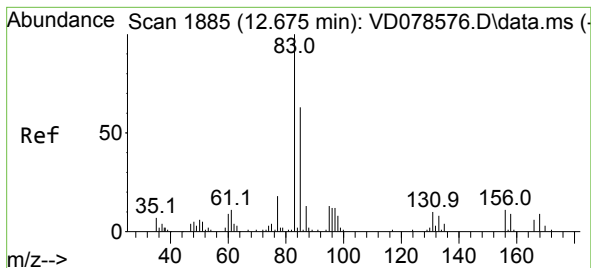
43 100

70 49.6 45.0 67.4

55 32.0 23.8 35.6

61 26.0 22.1 33.1

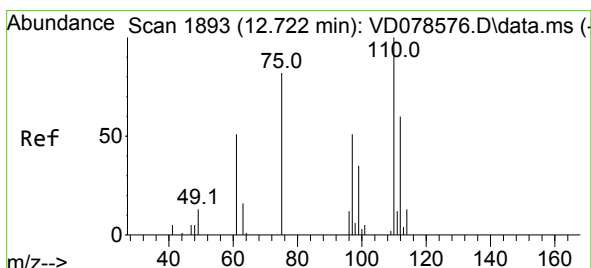
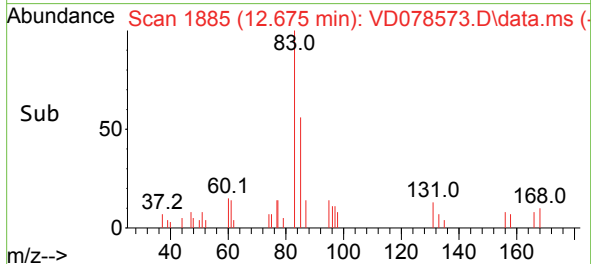
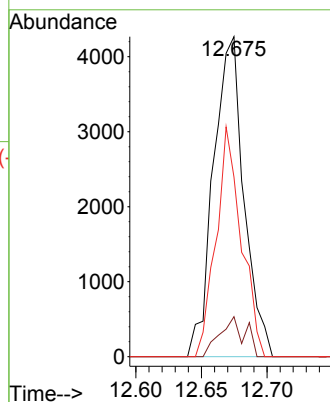
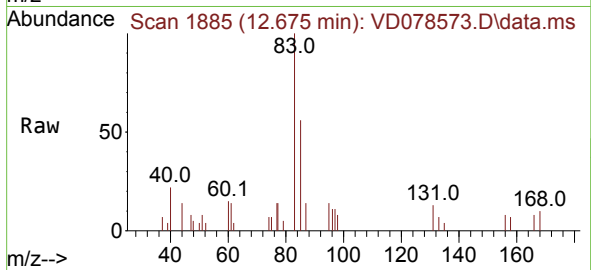




#75
1,1,2,2-Tetrachloroethane
Concen: 5.750 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

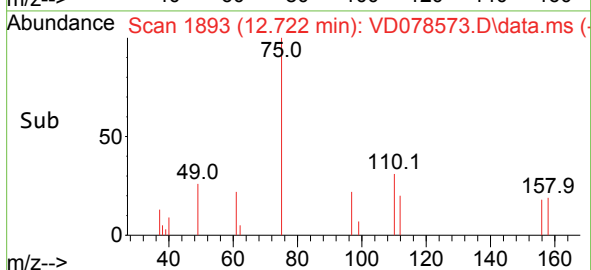
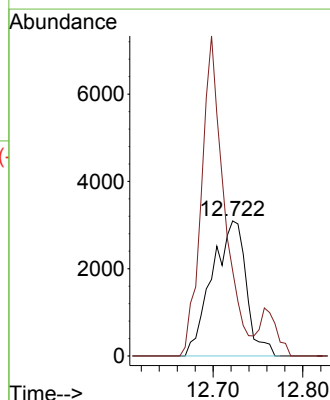
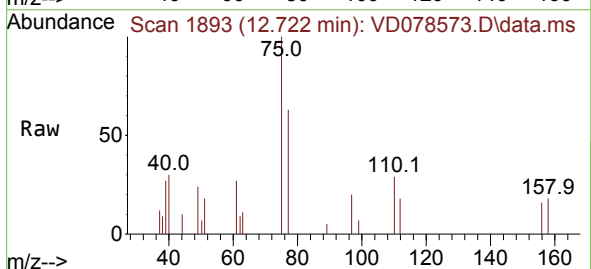
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

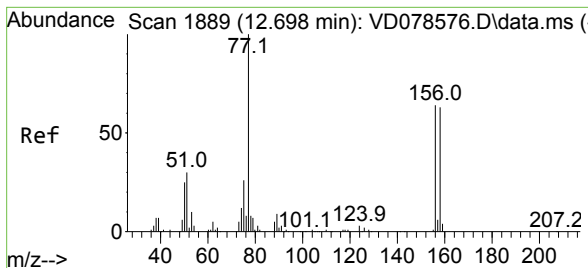
Tgt Ion: 83 Resp: 6890
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 59.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 10.871 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 75 Resp: 8211
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

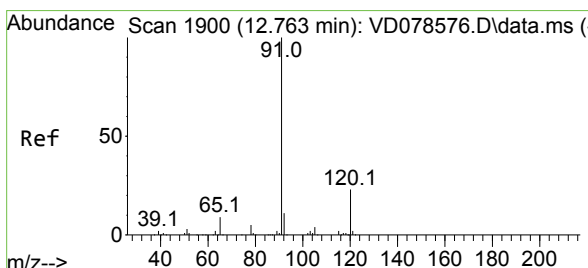
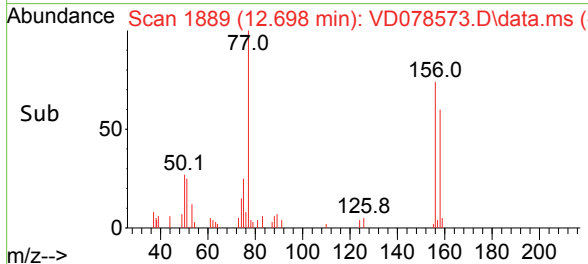
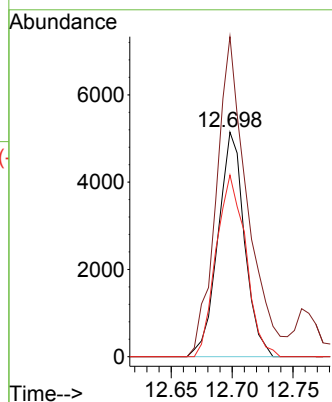
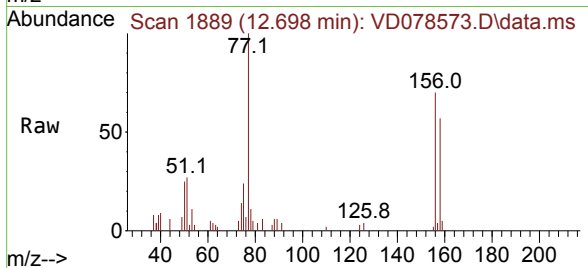




#77
Bromobenzene
Concen: 5.147 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

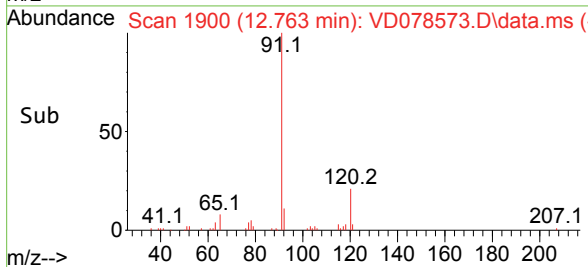
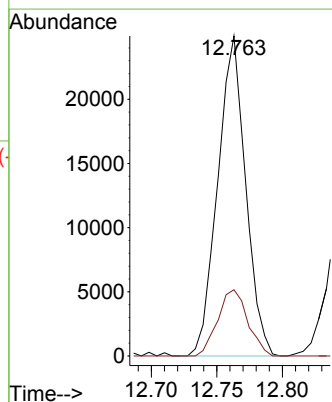
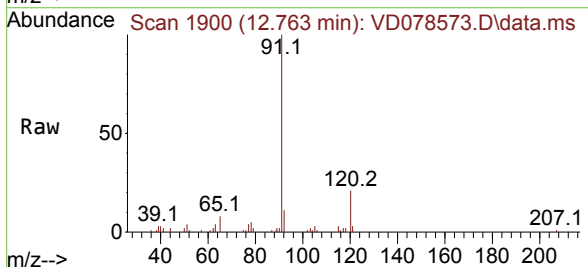
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

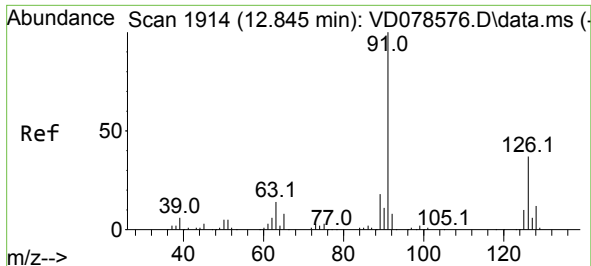
Tgt Ion:156 Resp: 7786
Ion Ratio Lower Upper
156 100
77 167.6 76.8 230.4
158 90.4 48.6 145.9



#78
n-propylbenzene
Concen: 4.825 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 91 Resp: 36910
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

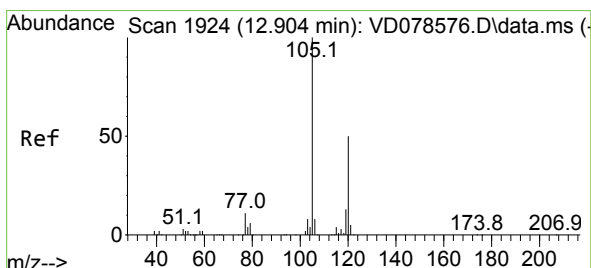
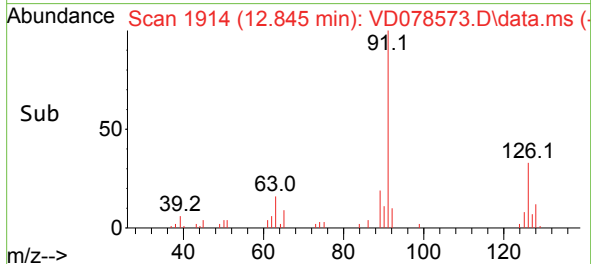
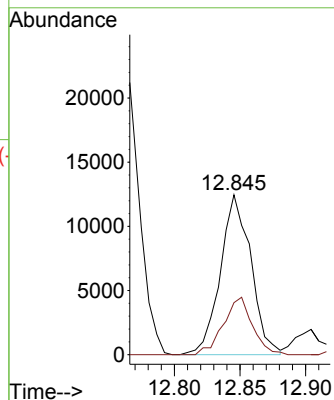
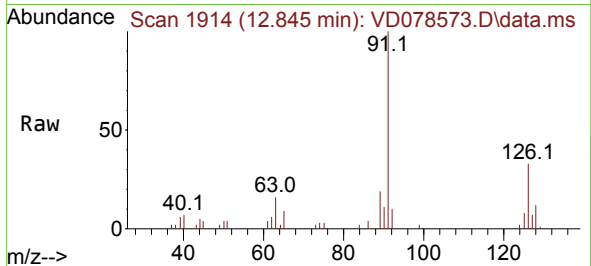




#79
2-Chlorotoluene
Concen: 4.924 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

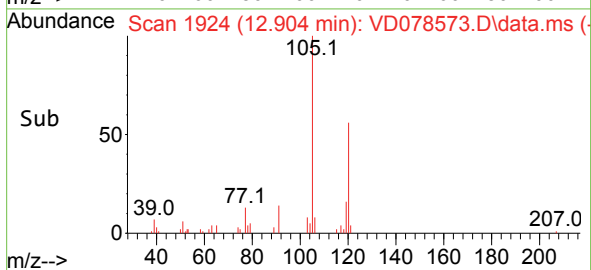
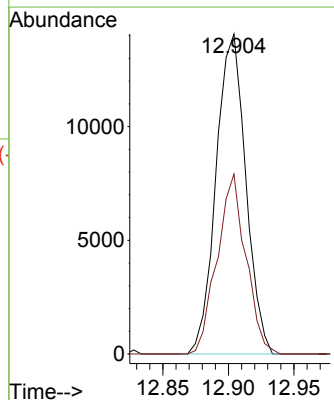
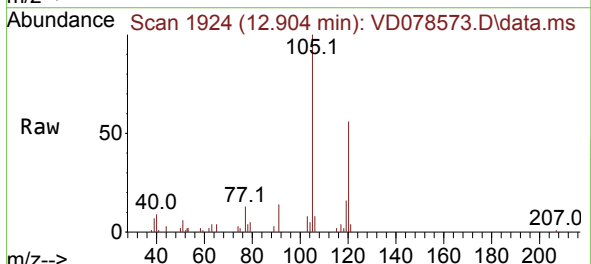
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

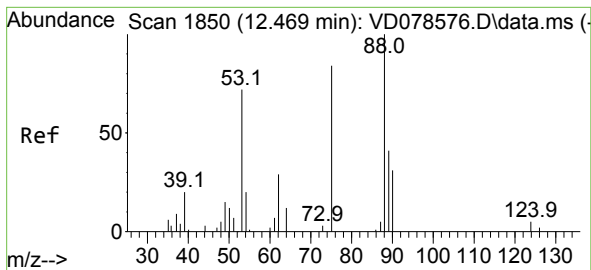
Tgt Ion: 91 Resp: 20216
Ion Ratio Lower Upper
91 100
126 34.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 4.349 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 105 Resp: 22132
Ion Ratio Lower Upper
105 100
120 54.5 26.4 79.2

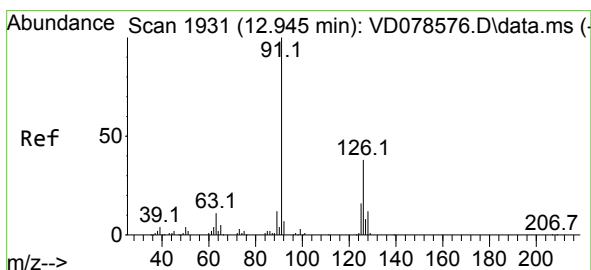
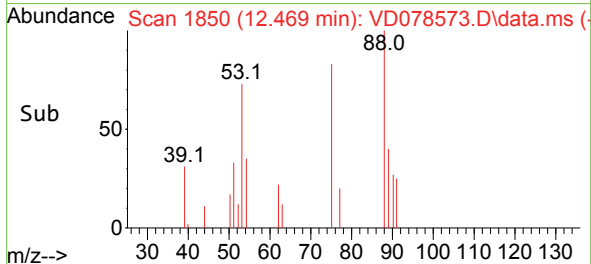
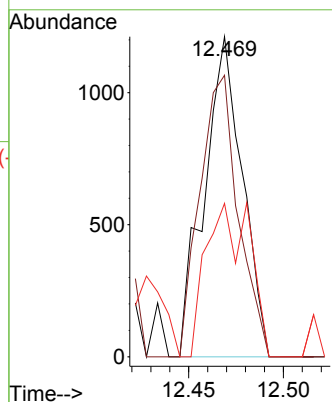
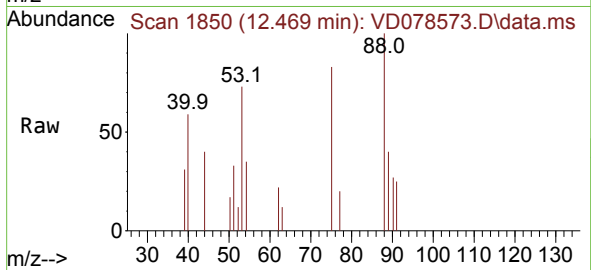




#81
trans-1,4-Dichloro-2-butene
Concen: 4.806 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

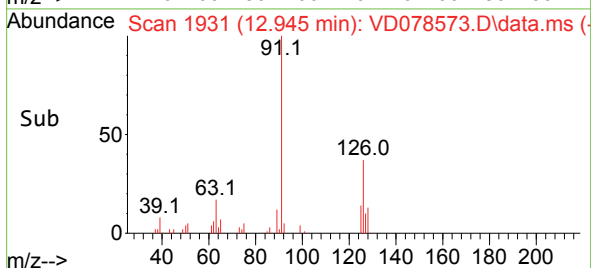
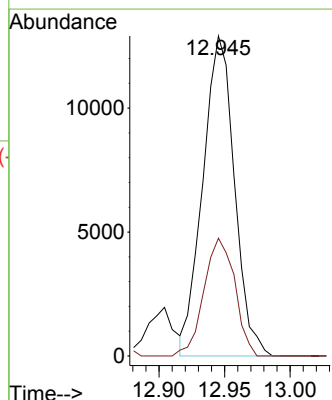
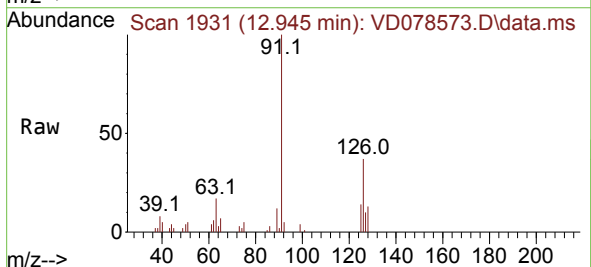
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

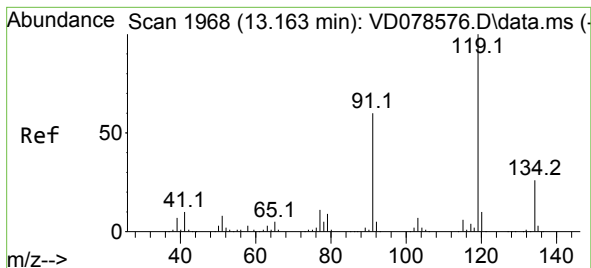
Tgt Ion: 75 Resp: 1692
Ion Ratio Lower Upper
75 100
53 89.1 63.0 94.4
89 55.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 4.952 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 91 Resp: 21665
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.581 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

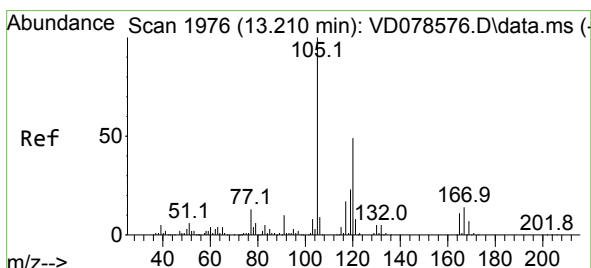
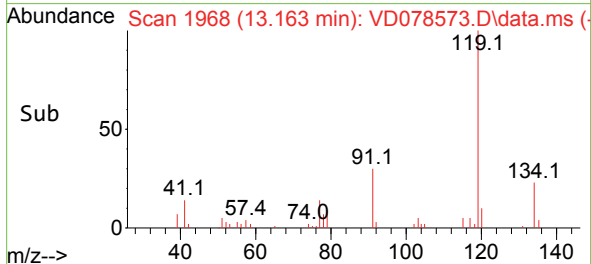
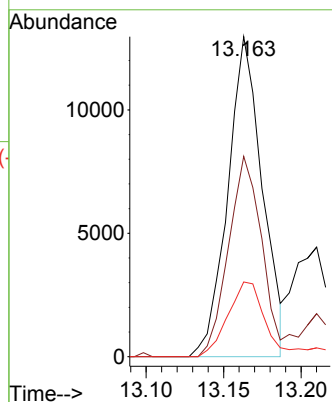
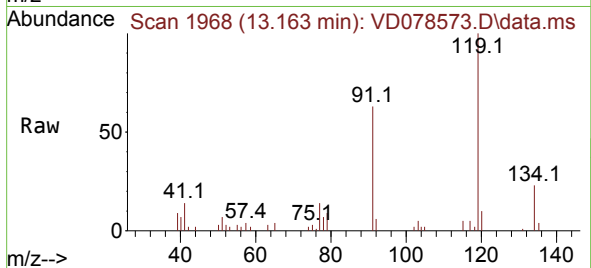
Tgt Ion:119 Resp: 20074

Ion Ratio Lower Upper

119 100

91 62.9 29.3 87.8

134 25.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.515 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078573.D

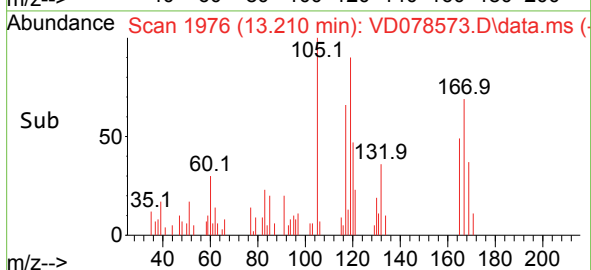
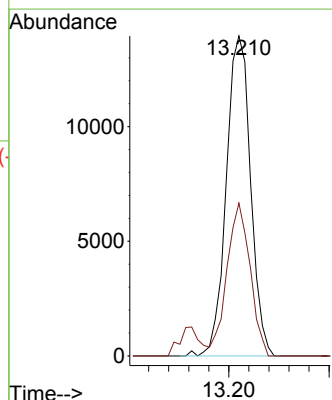
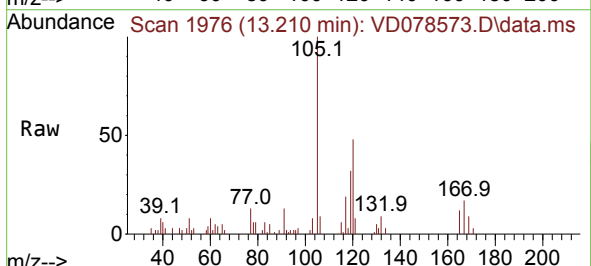
Acq: 01 Mar 2024 12:16

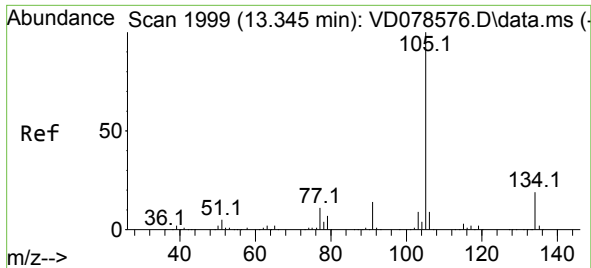
Tgt Ion:105 Resp: 23488

Ion Ratio Lower Upper

105 100

120 45.4 24.3 72.9

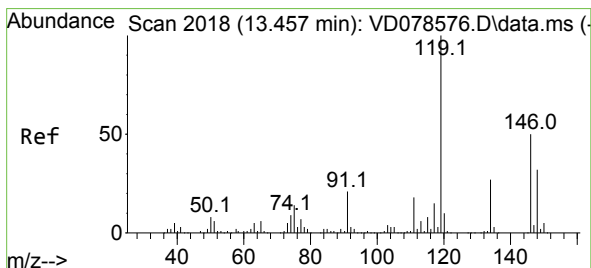
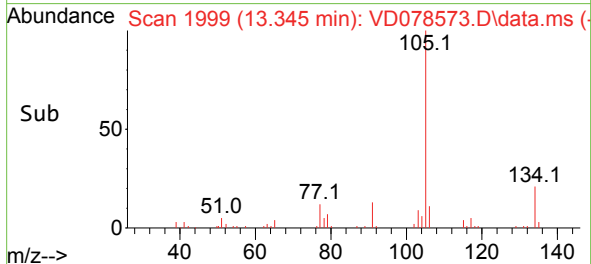
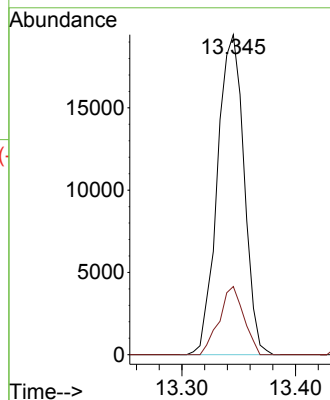
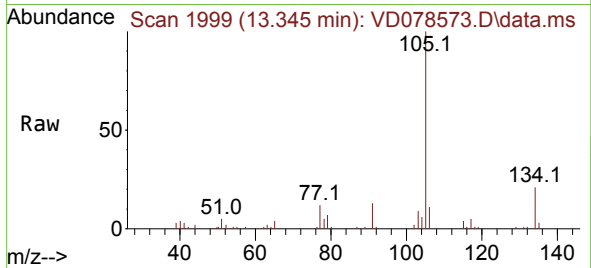




#85
 sec-Butylbenzene
 Concen: 4.641 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

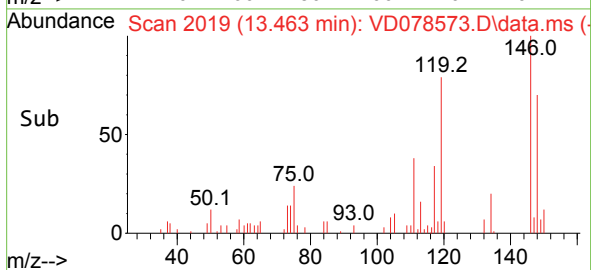
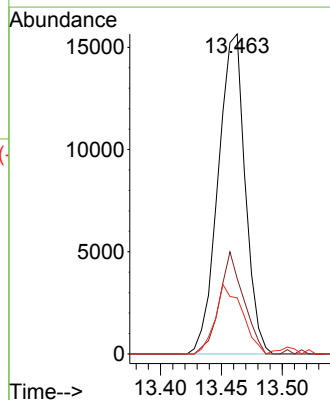
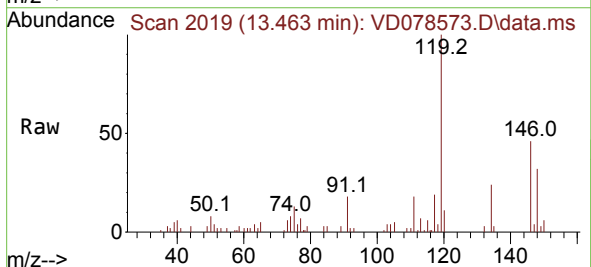
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

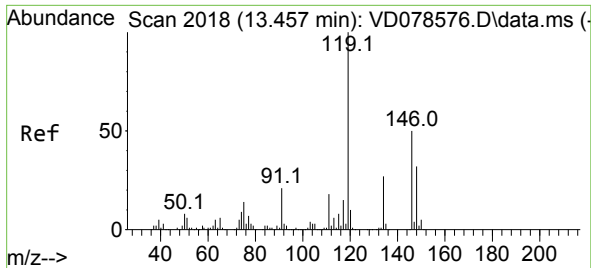
Tgt Ion:105 Resp: 31727
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 4.206 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078573.D
 Acq: 01 Mar 2024 12:16

Tgt Ion:119 Resp: 24207
 Ion Ratio Lower Upper
 119 100
 134 28.6 14.2 42.6
 91 21.7 10.5 31.5

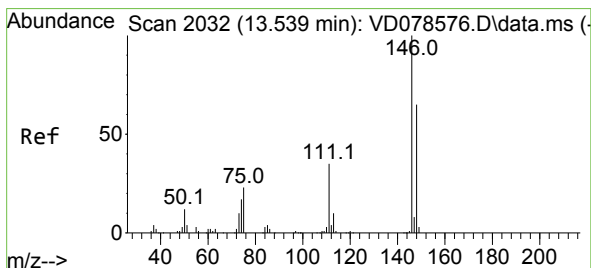
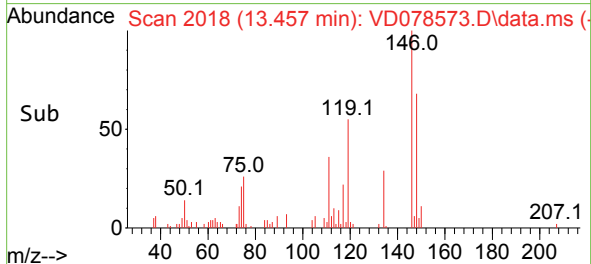
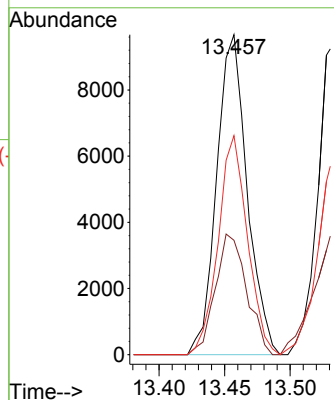
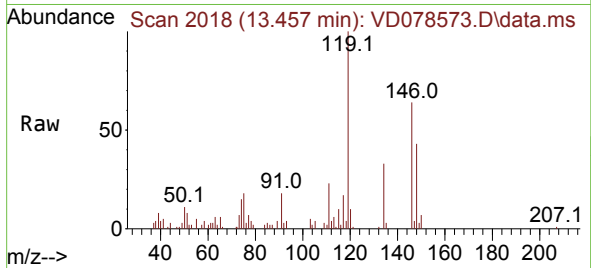




#87
1,3-Dichlorobenzene
Concen: 4.836 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

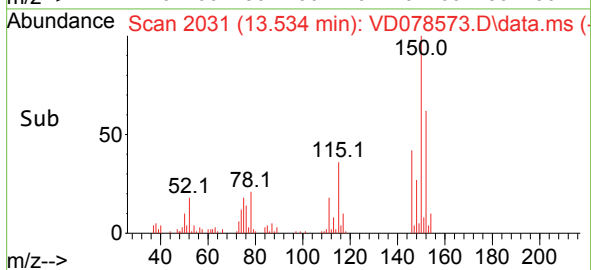
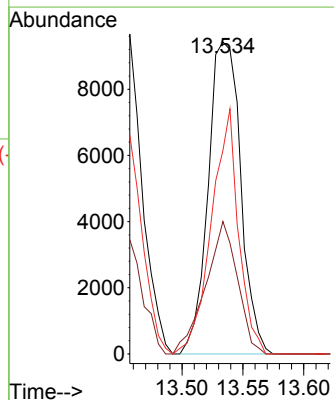
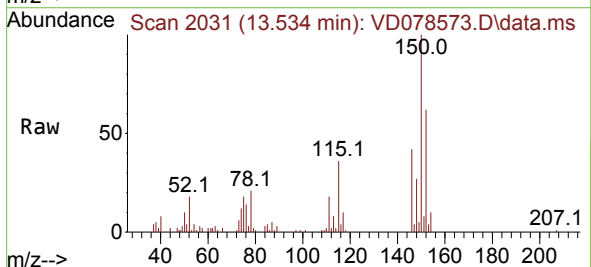
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

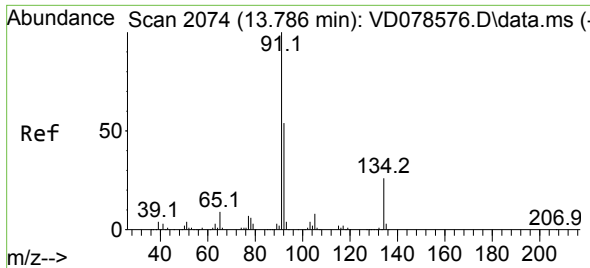
Tgt Ion:146 Resp: 15630
Ion Ratio Lower Upper
146 100
111 38.9 17.9 53.8
148 65.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 5.419 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion:146 Resp: 17546
Ion Ratio Lower Upper
146 100
111 41.5 17.4 52.3
148 65.4 31.7 95.1

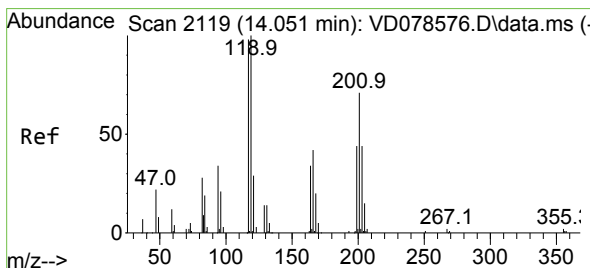
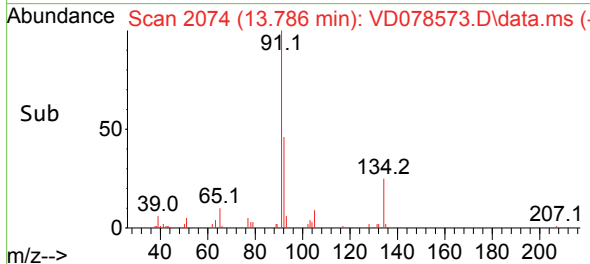
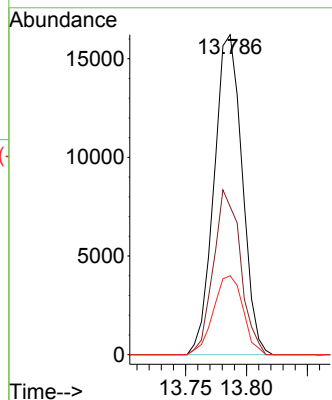
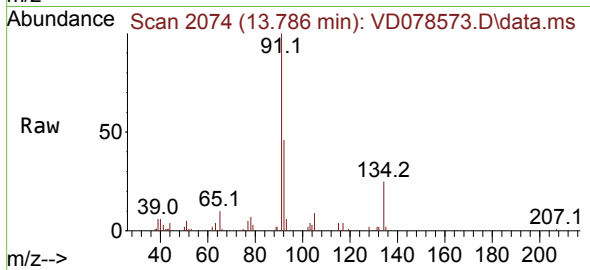




#89
n-Butylbenzene
Concen: 4.835 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

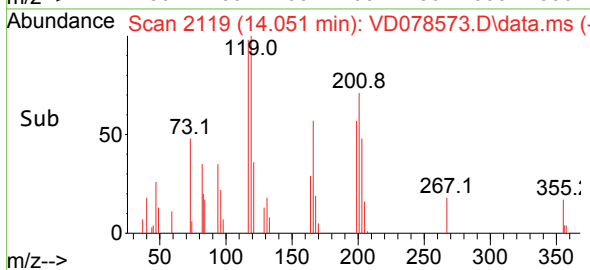
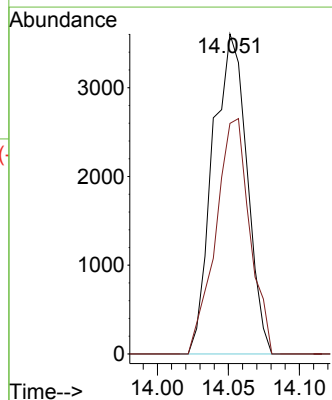
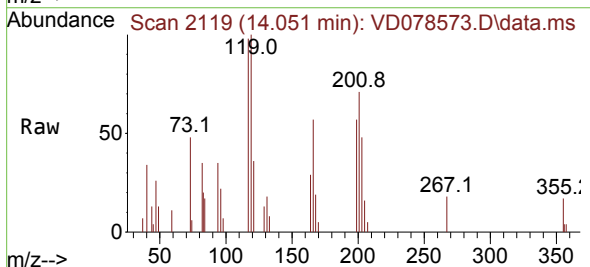
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

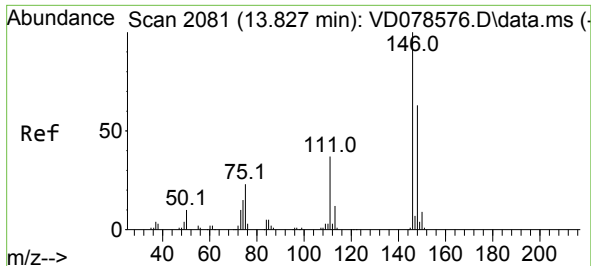
Tgt Ion:	91	Resp:	26005
Ion Ratio	Lower	Upper	
91	100		
92	49.7	26.5	79.5
134	26.1	13.8	41.3



#90
Hexachloroethane
Concen: 5.151 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion:	117	Resp:	6028
Ion Ratio	Lower	Upper	
117	100		
201	73.5	38.5	115.5

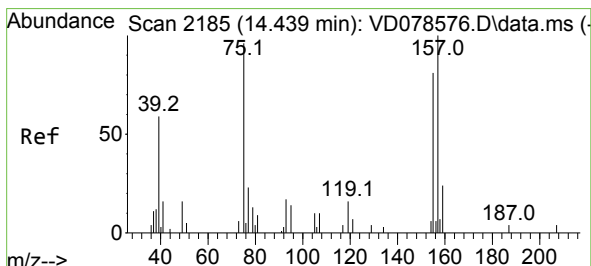
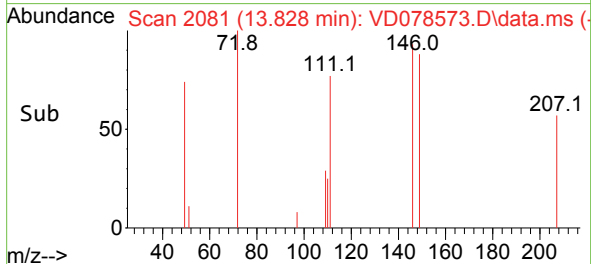
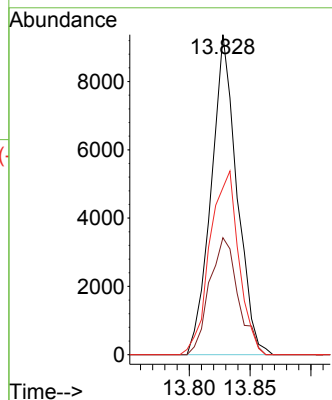
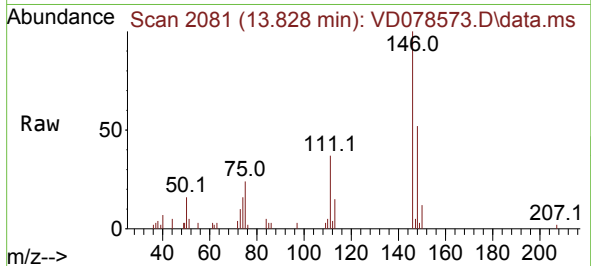




#91
1,2-Dichlorobenzene
Concen: 5.026 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

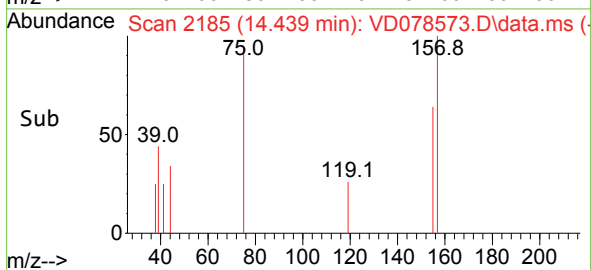
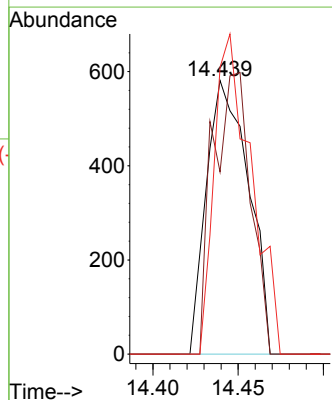
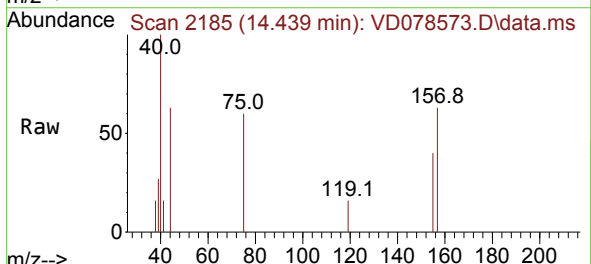
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

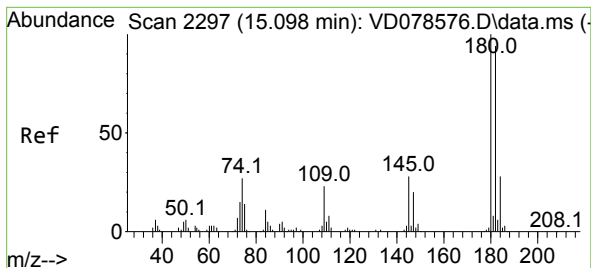
Tgt Ion:146 Resp: 13799
Ion Ratio Lower Upper
146 100
111 40.8 18.3 54.8
148 64.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.249 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD078573.D
Acq: 01 Mar 2024 12:16

Tgt Ion: 75 Resp: 998
Ion Ratio Lower Upper
75 100
155 92.3 47.9 143.8
157 102.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.995 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

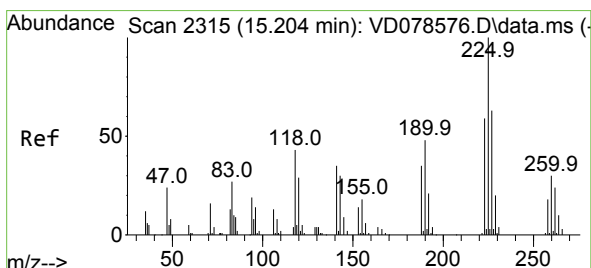
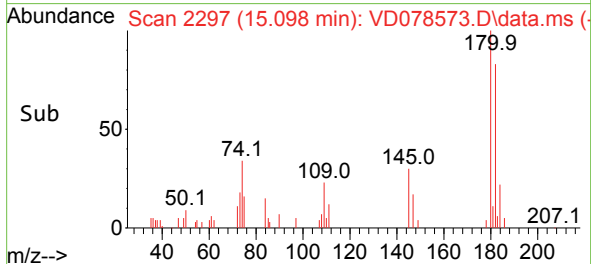
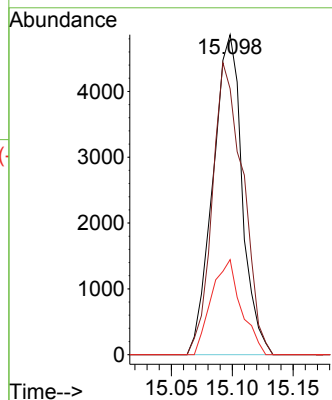
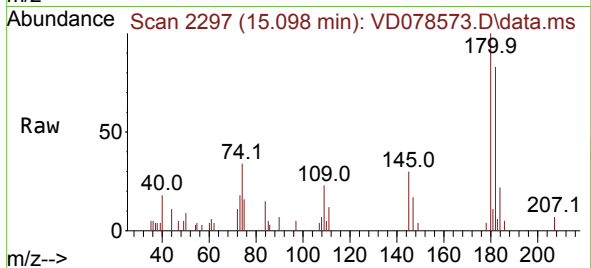
Tgt Ion:180 Resp: 8121

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.149 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

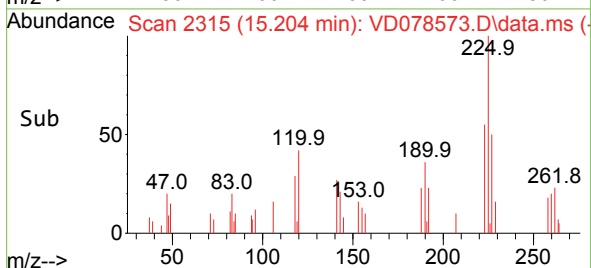
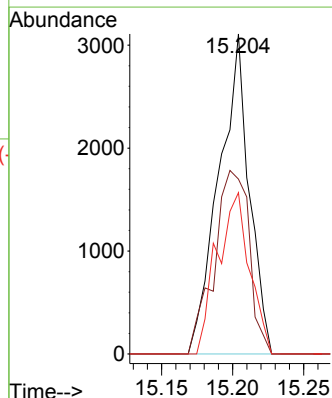
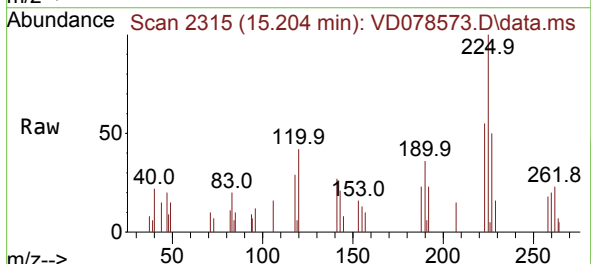
Tgt Ion:225 Resp: 4606

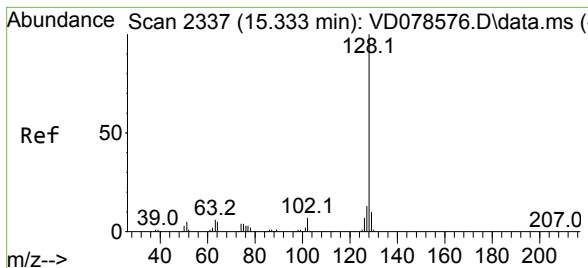
Ion Ratio Lower Upper

225 100

223 66.4 31.6 94.8

227 54.3 31.7 95.1





#95

Naphthalene

Concen: 4.889 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

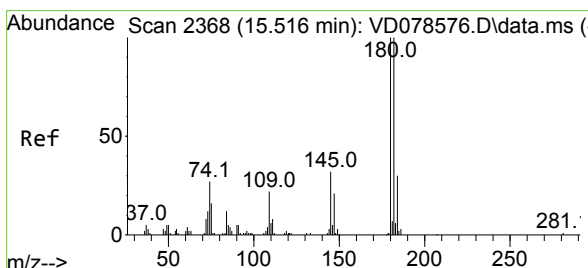
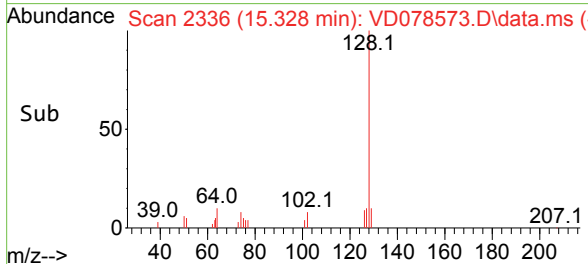
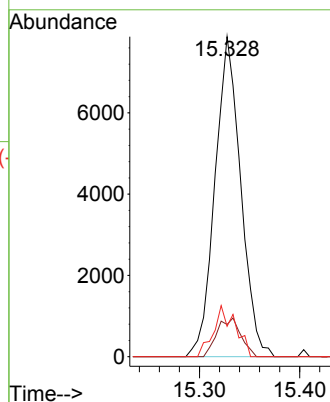
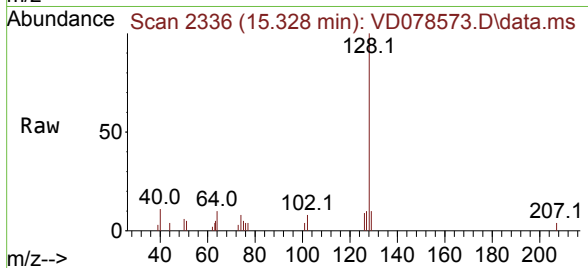
Tgt Ion:128 Resp: 14046

Ion Ratio Lower Upper

128 100

127 10.1 10.5 15.7#

129 9.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.278 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD078573.D

Acq: 01 Mar 2024 12:16

Tgt Ion:180 Resp: 7620

Ion Ratio Lower Upper

180 100

182 88.0 47.3 141.9

145 24.9 15.1 45.3

