

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033123\
 Data File : VD075557.D
 Acq On : 31 Mar 2023 14:24
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:12:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	379054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	341827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	166063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	252309	28.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.360%	
7) Chloroethane-d5	2.805	69	224281	28.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.240%	
11) 1,1-Dichloroethene-d2	3.922	63	197518	27.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 111.000%#	
21) 2-Butanone-d5	6.987	46	31669	55.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.200%	
24) Chloroform-d	7.569	84	236216	26.432	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.720%	
26) 1,2-Dichloroethane-d4	8.228	65	100303	25.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.320%	
32) Benzene-d6	8.205	84	518279	25.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.720%	
36) 1,2-Dichloropropane-d6	9.210	67	136693	25.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.680%	
41) Toluene-d8	10.269	98	499634	26.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.640%	
43) trans-1,3-Dichloroprop...	10.528	79	57448	25.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.520%	
47) 2-Hexanone-d5	10.875	63	31273	49.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.240%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102562	25.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.840%	
66) 1,2-Dichlorobenzene-d4	13.816	152	144544	25.374	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	83763	23.579	ug/L	98
3) Chloromethane	2.152	50	112089	24.112	ug/L	97
5) Vinyl chloride	2.287	62	169689	23.421	ug/L	97
6) Bromomethane	2.699	94	124839	25.254	ug/L	99
8) Chloroethane	2.840	64	123889	24.545	ug/L	96
9) Trichlorofluoromethane	3.181	101	156779	24.887	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	108678	24.834	ug/L	97
12) 1,1-Dichloroethene	3.946	96	92428	25.566	ug/L	94
13) Acetone	4.022	43	32217	53.448	ug/L	98
14) Carbon disulfide	4.275	76	200461	23.176	ug/L	97
15) Methyl Acetate	4.564	43	27488	27.213	ug/L	98
16) Methylene chloride	4.799	84	113516	21.787	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	100030	26.063	ug/L	93
18) Methyl tert-butyl Ether	5.317	73	203189	27.844	ug/L	99
19) 1,1-Dichloroethane	6.111	63	170303	25.886	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	122585	27.201	ug/L	96
22) 2-Butanone	7.087	43	37813	52.664	ug/L	99
23) Bromochloromethane	7.428	128	55063	25.913	ug/L	95
25) Chloroform	7.599	83	201803	25.608	ug/L	99

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 Response via : Initial Calibration

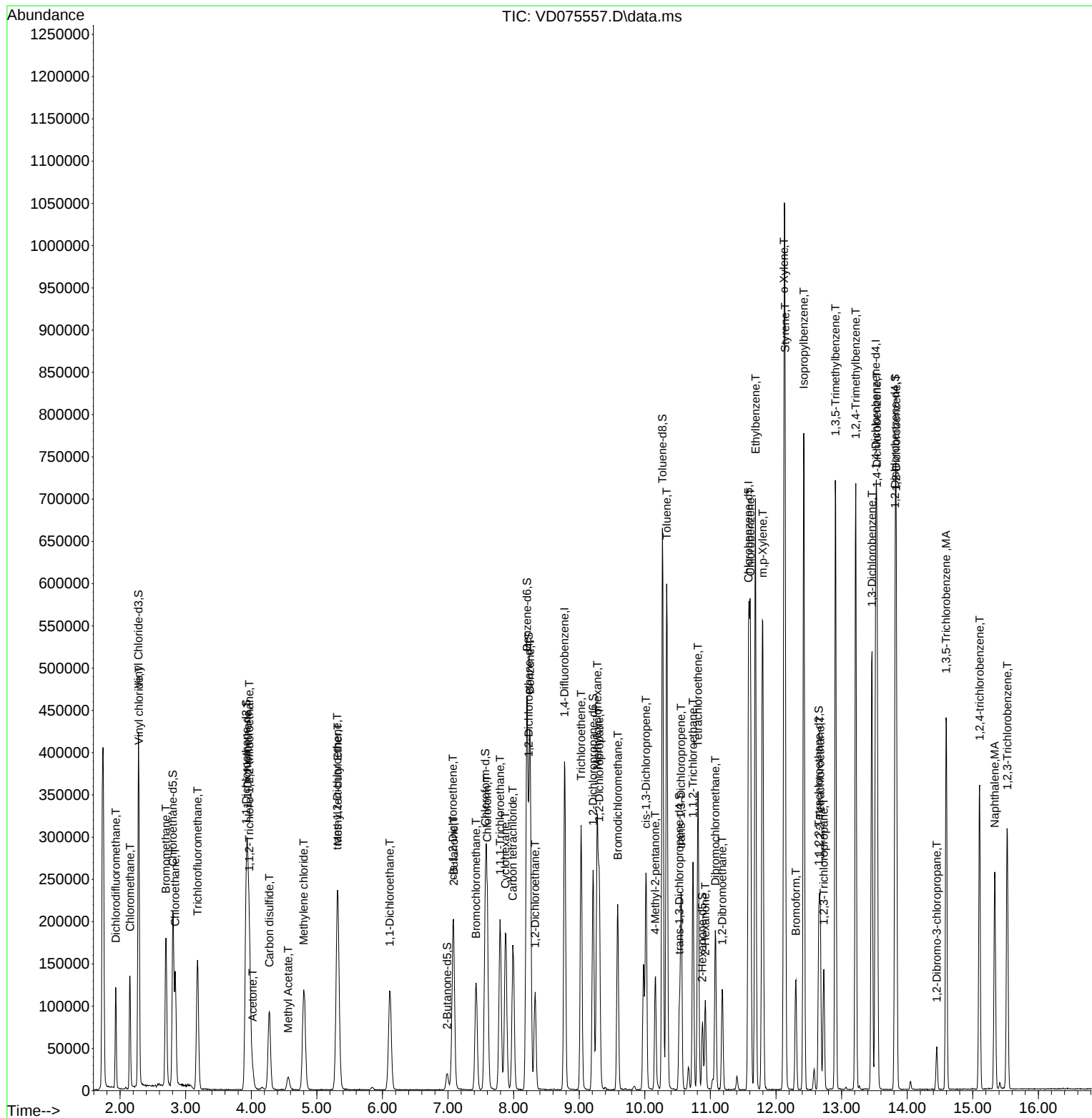
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	101627	24.950	ug/L	100
29) Cyclohexane	7.875	56	102086	24.472	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	167571	24.885	ug/L	99
31) Carbon tetrachloride	7.987	117	132314	24.340	ug/L	99
33) Benzene	8.252	78	419231	23.834	ug/L	100
34) Trichloroethene	9.028	95	112028	22.733	ug/L	95
35) Methylcyclohexane	9.275	83	150440	23.340	ug/L	98
37) 1,2-Dichloropropane	9.305	63	99857	24.130	ug/L	99
38) Bromodichloromethane	9.587	83	148596	25.212	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	167714	25.561	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	78239	50.441	ug/L	99
42) Toluene	10.334	91	487003	24.920	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	139794	25.059	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	91988	24.223	ug/L	96
46) Tetrachloroethene	10.810	164	86558	22.428	ug/L	97
48) 2-Hexanone	10.922	43	57881	55.370	ug/L	98
49) Dibromochloromethane	11.075	129	104915	25.517	ug/L	97
50) 1,2-Dibromoethane	11.181	107	81761	24.573	ug/L	95
51) Chlorobenzene	11.610	112	326129	24.778	ug/L	97
52) Ethylbenzene	11.687	91	522182	25.409	ug/L	100
53) m,p-Xylene	11.799	106	205499	25.501	ug/L	94
54) o-Xylene	12.122	106	201728	26.289	ug/L	97
55) Styrene	12.140	104	365294	26.717	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	99197	25.311	ug/L	96
59) Bromoform	12.304	173	60771	23.663	ug/L	99
60) Isopropylbenzene	12.422	105	537644	24.521	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	61806	23.515	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	407800	24.658	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	395623	25.015	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	240891	24.263	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	247443	23.894	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	218599	24.310	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	12098	22.856	ug/L	89
69) 1,3,5-Trichlorobenzene	14.593	180	146513	23.929	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	118360	23.878	ug/L	97
71) Naphthalene	15.334	128	241342	26.334	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	111697	25.157	ug/L	100

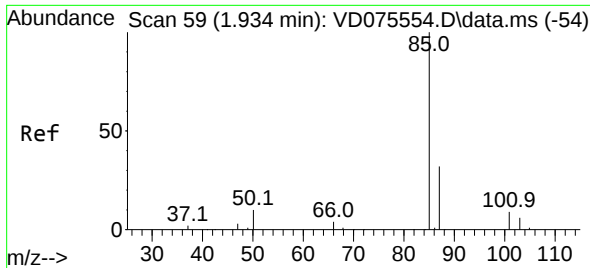
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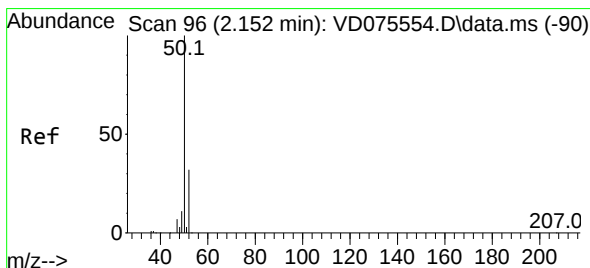
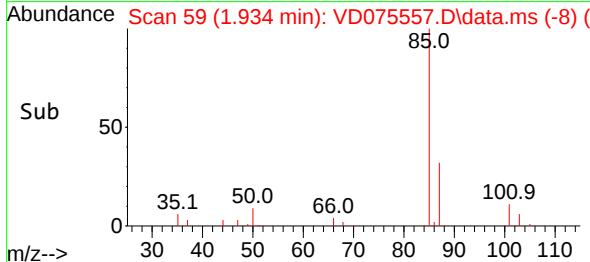
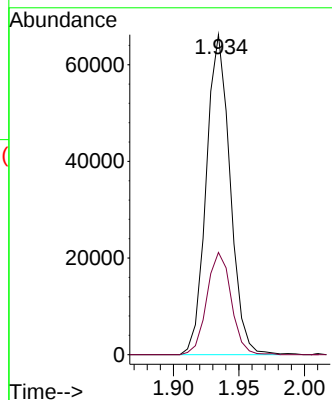
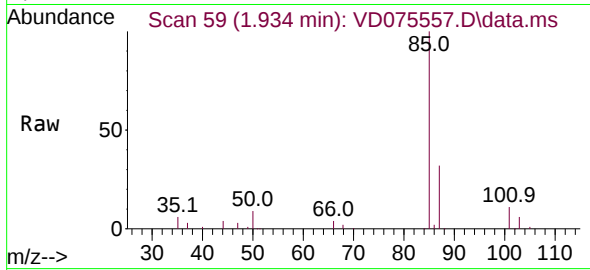




#2
 Dichlorodifluoromethane
 Concen: 23.579 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

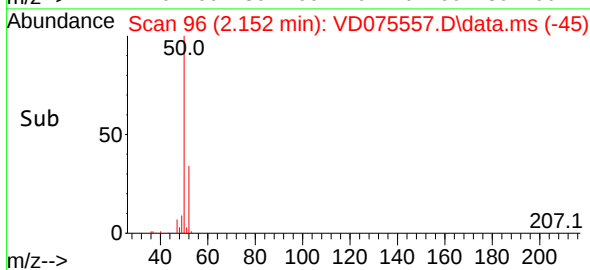
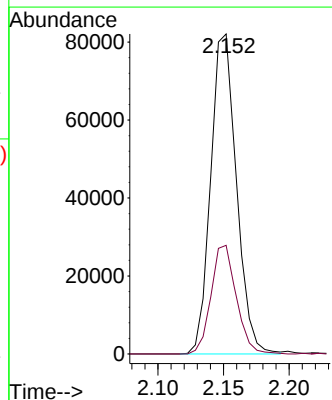
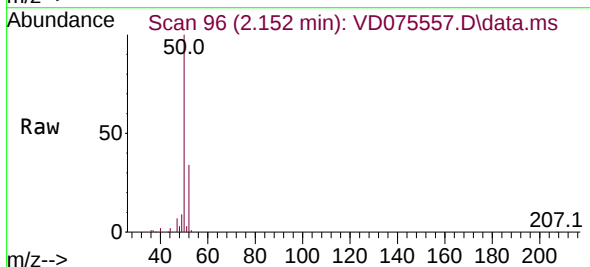
Instrument :
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 ClientSampleId :

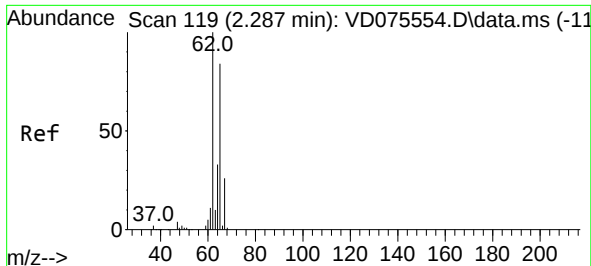
Tgt Ion: 85 Resp: 83763
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.0 37.4



#3
 Chloromethane
 Concen: 24.112 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

Tgt Ion: 50 Resp: 112089
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.7 42.1

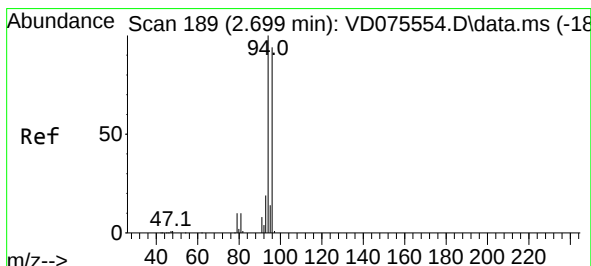
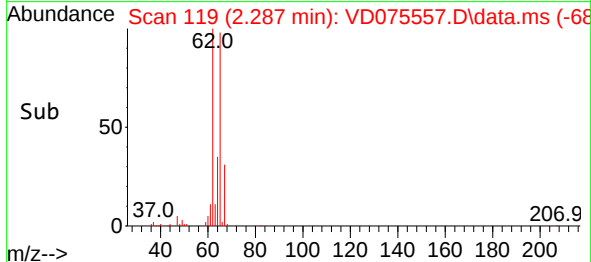
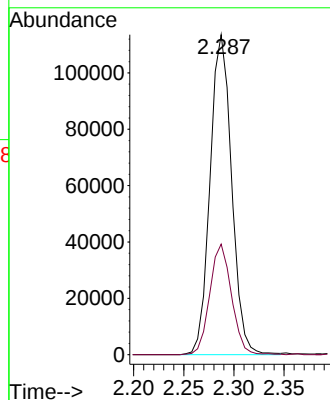
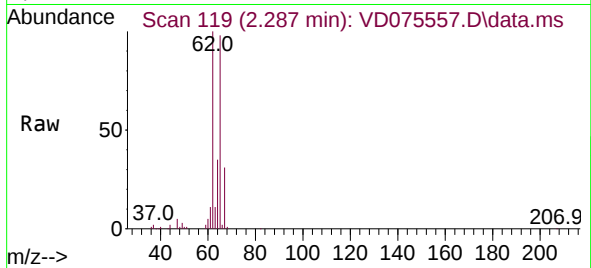




#5
 Vinyl chloride
 Concen: 23.421 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

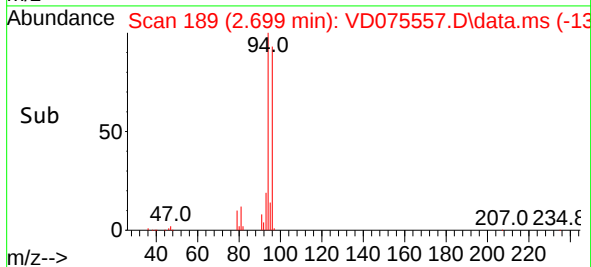
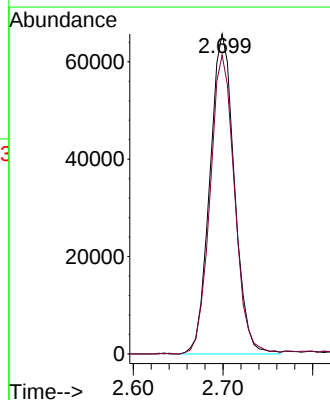
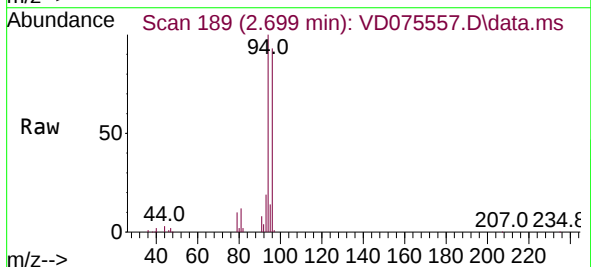
Instrument :
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 ClientSampleId :

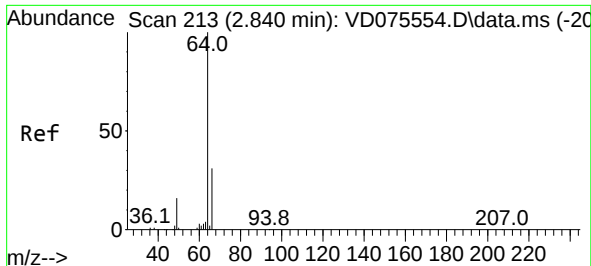
Tgt Ion: 62 Resp: 169689
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.1 42.9



#6
 Bromomethane
 Concen: 25.254 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

Tgt Ion: 94 Resp: 124839
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.1 122.7

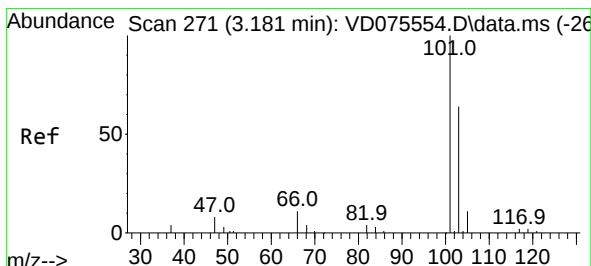
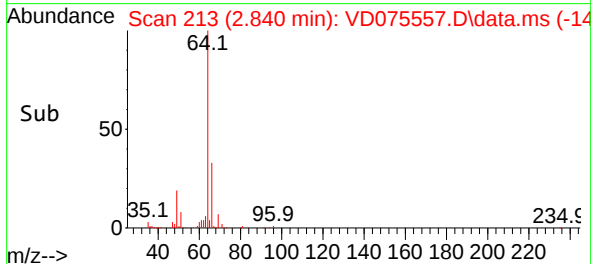
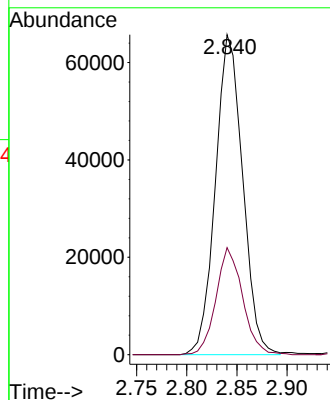
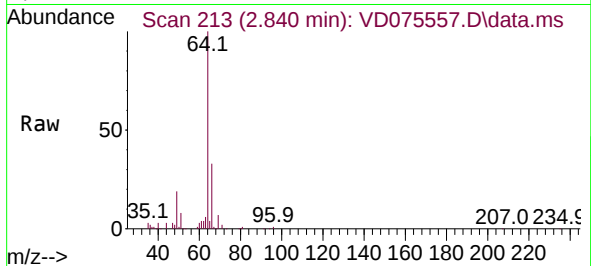




#8
Chloroethane
Concen: 24.545 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

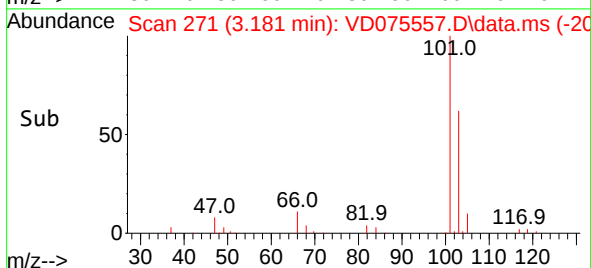
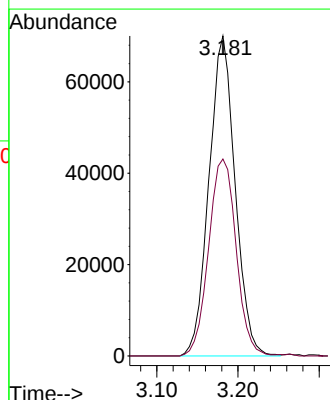
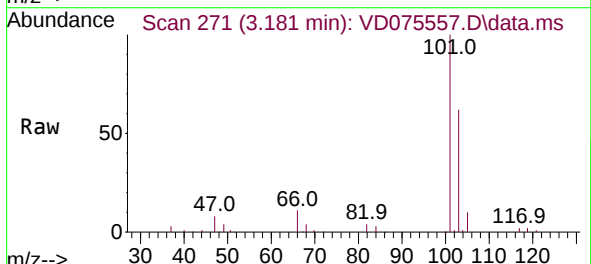
Instrument :
MSVOA_D
ClientSampleId :

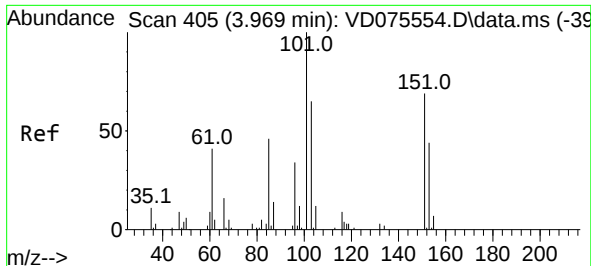
Tgt Ion: 64 Resp: 123889
Ion Ratio Lower Upper
64 100
66 33.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.887 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion:101 Resp: 156779
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3



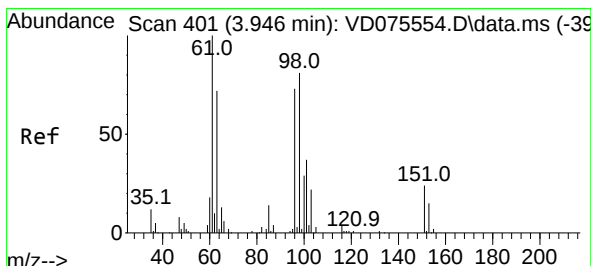
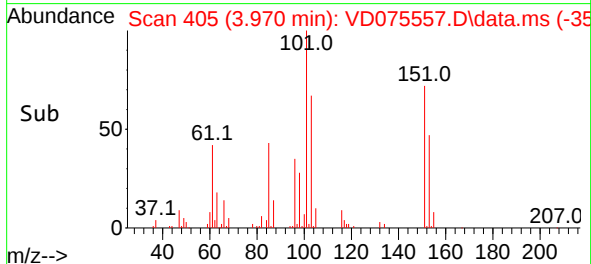
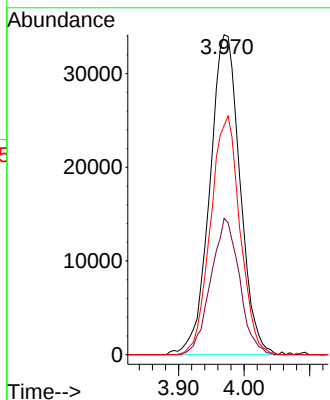
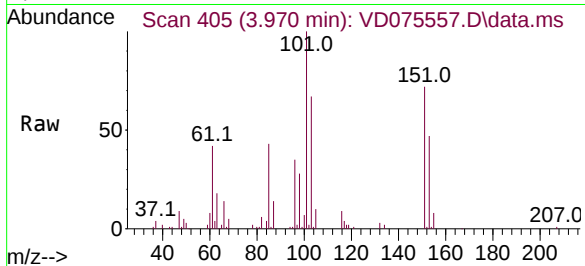


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.834 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 108678

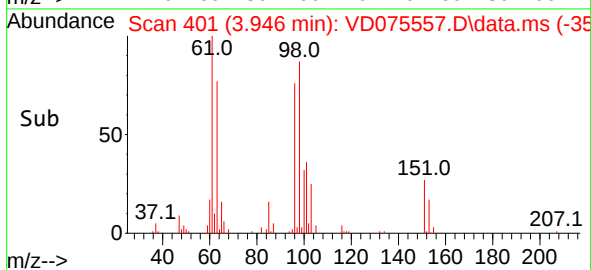
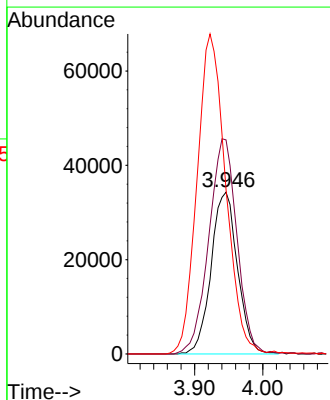
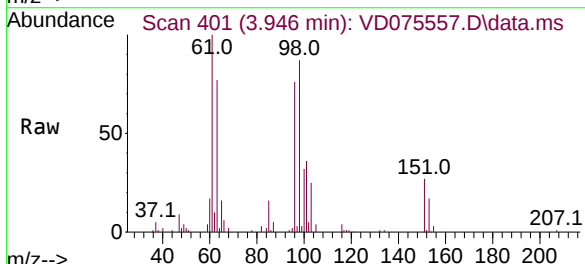
Ion	Ratio	Lower	Upper
101	100		
85	40.6	33.4	50.0
151	72.9	55.8	83.8

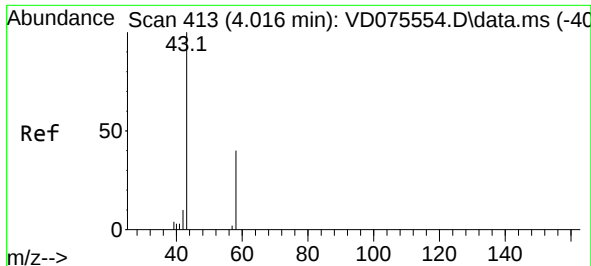


#12
 1,1-Dichloroethene
 Concen: 25.566 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

Tgt Ion: 96 Resp: 92428

Ion	Ratio	Lower	Upper
96	100		
61	132.4	96.7	179.7
63	101.6	76.0	141.2





#13

Acetone

Concen: 53.448 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

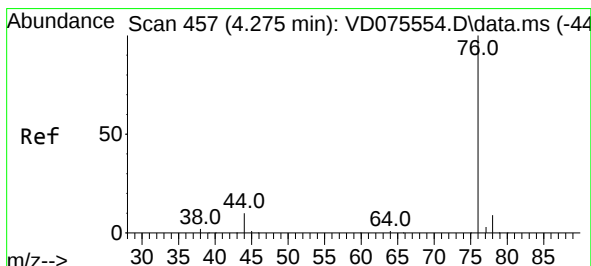
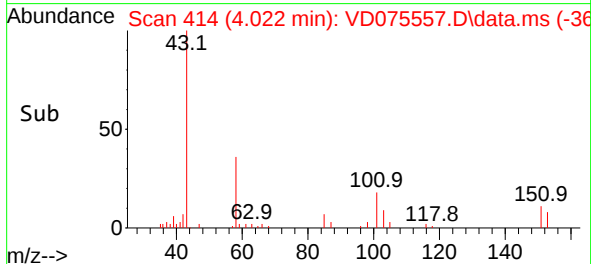
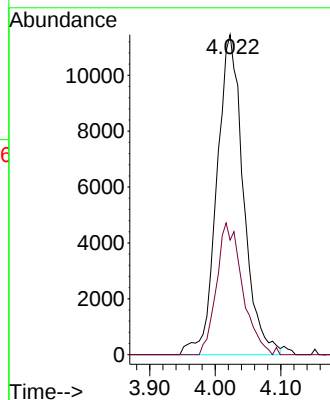
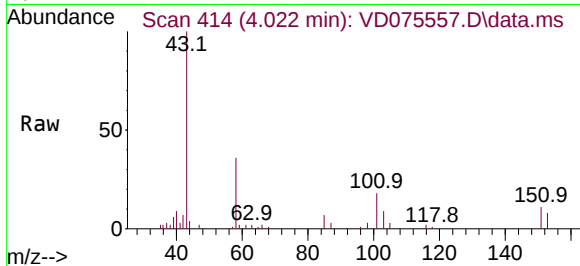
ClientSampleId :

Tgt Ion: 43 Resp: 32217

Ion Ratio Lower Upper

43 100

58 39.9 0.0 77.4



#14

Carbon disulfide

Concen: 23.176 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075557.D

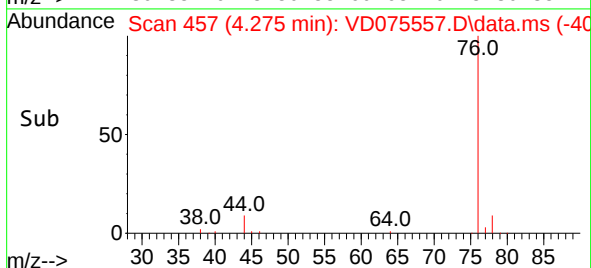
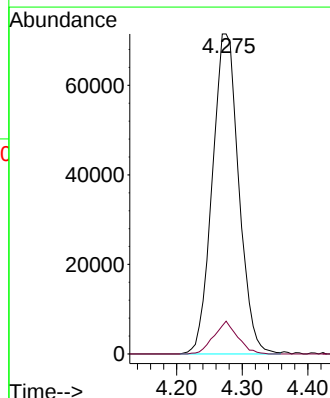
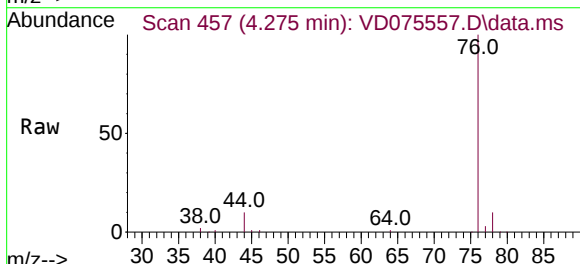
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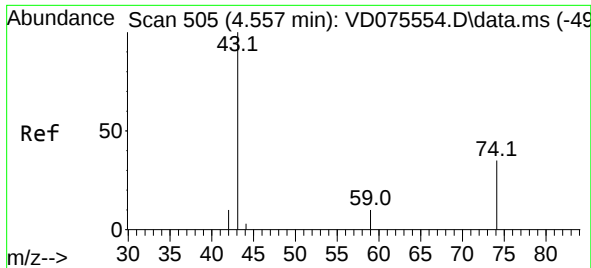
Tgt Ion: 76 Resp: 200461

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0

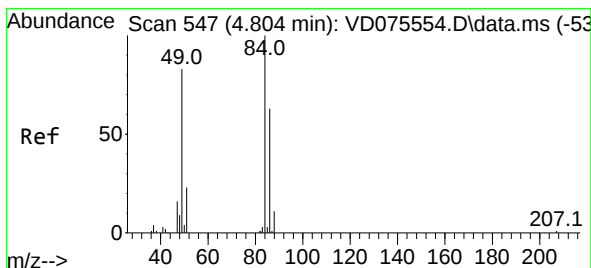
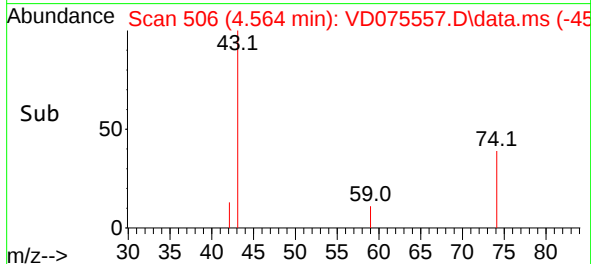
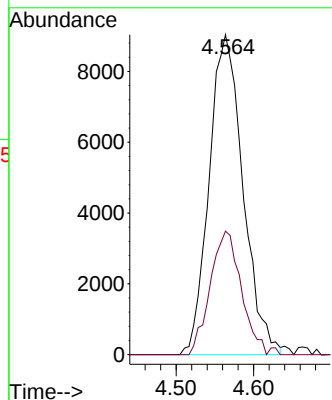
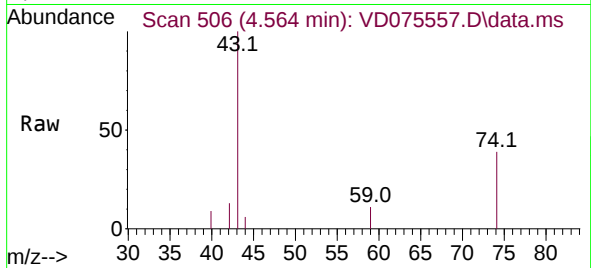




#15
Methyl Acetate
Concen: 27.213 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

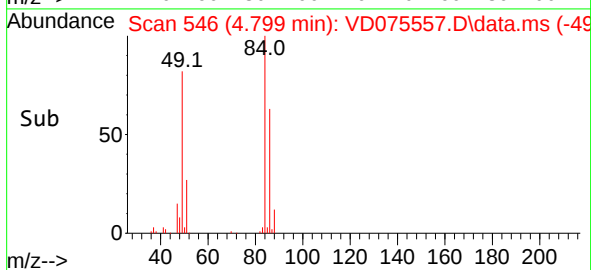
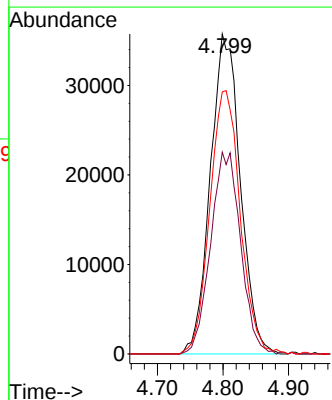
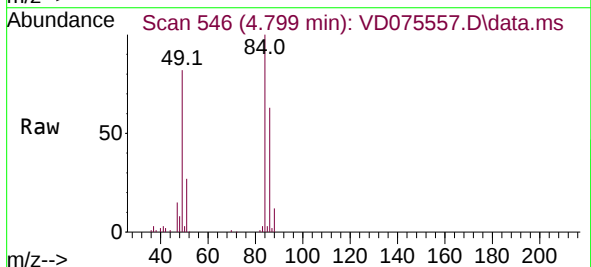
Instrument :
MSVOA_D
ClientSampleId :

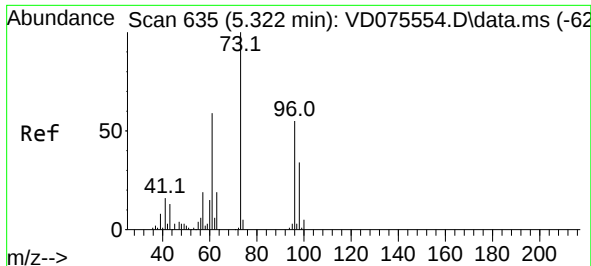
Tgt Ion: 43 Resp: 27488
Ion Ratio Lower Upper
43 100
74 35.1 29.0 43.4



#16
Methylene chloride
Concen: 21.787 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.005 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

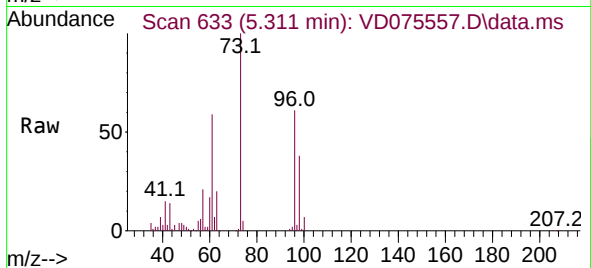
Tgt Ion: 84 Resp: 113516
Ion Ratio Lower Upper
84 100
86 63.0 44.4 82.4
49 81.9 58.5 108.7



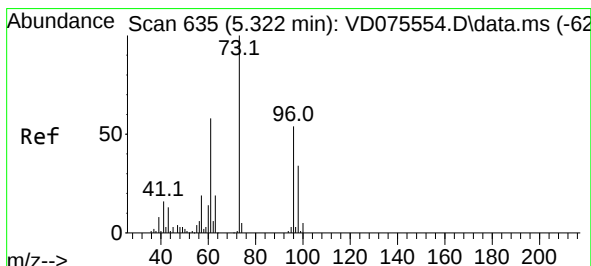
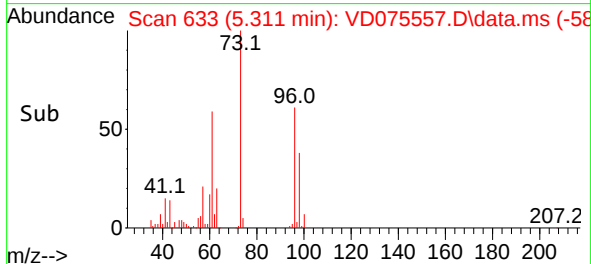
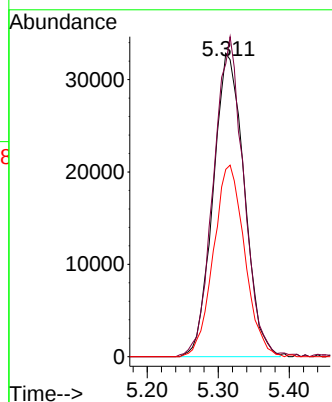


#17
trans-1,2-Dichloroethene
Concen: 26.063 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :

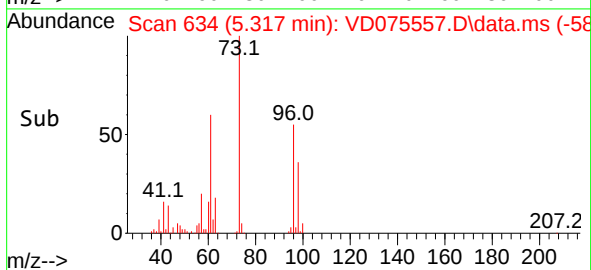
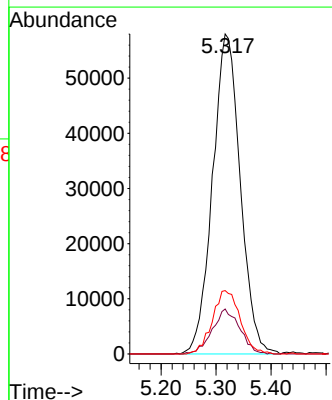
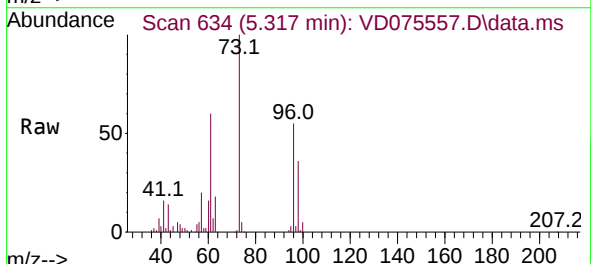


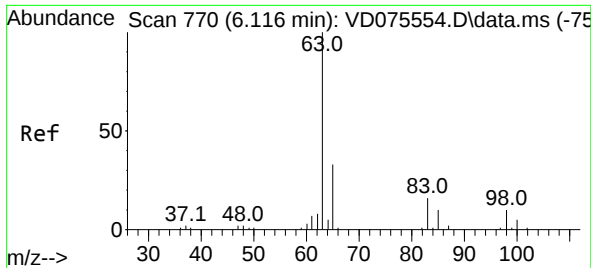
Tgt Ion: 96 Resp: 100030
Ion Ratio Lower Upper
96 100
61 96.6 75.4 140.0
98 61.7 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 27.844 ug/L
RT: 5.317 min Scan# 634
Delta R.T. -0.005 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion: 73 Resp: 203189
Ion Ratio Lower Upper
73 100
43 13.9 11.4 17.0
57 19.9 15.8 23.6

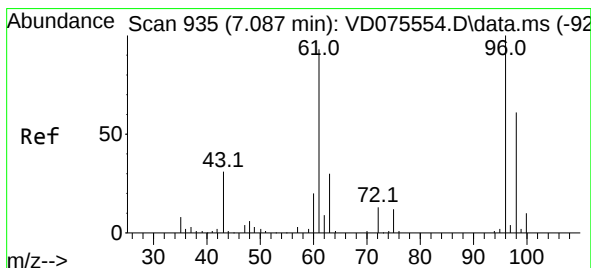
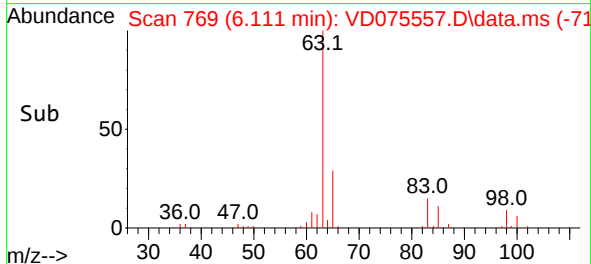
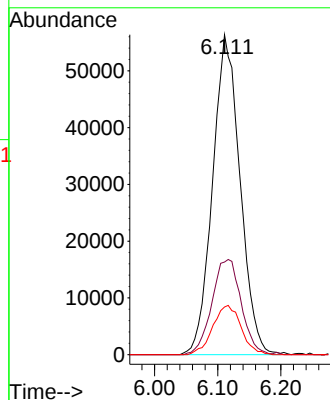
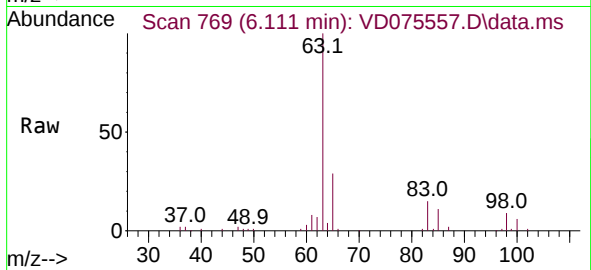




#19
1,1-Dichloroethane
Concen: 25.886 ug/L
RT: 6.111 min Scan# 770
Delta R.T. -0.005 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

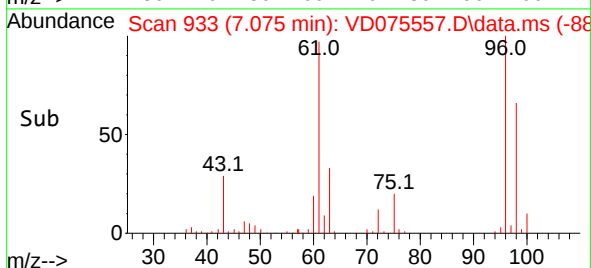
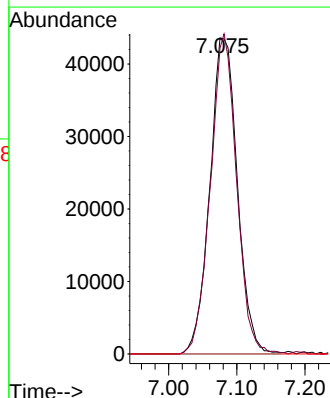
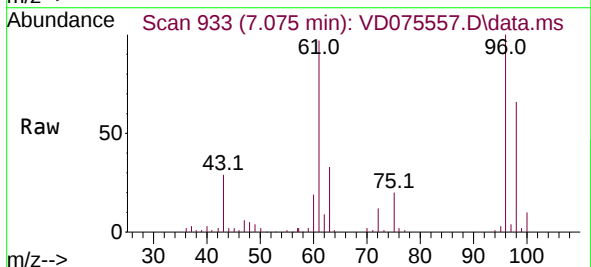
Instrument :
MSVOA_D
ClientSampleId :

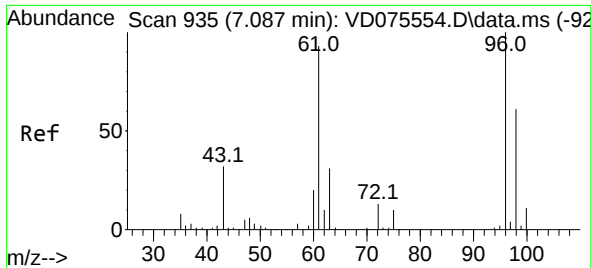
Tgt Ion: 63 Resp: 170303
Ion Ratio Lower Upper
63 100
65 29.0 23.1 42.9
83 14.9 11.2 20.8



#20
cis-1,2-Dichloroethene
Concen: 27.201 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.011 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion: 96 Resp: 122585
Ion Ratio Lower Upper
96 100
61 96.7 64.8 120.4
68 0.0 0.0 0.0

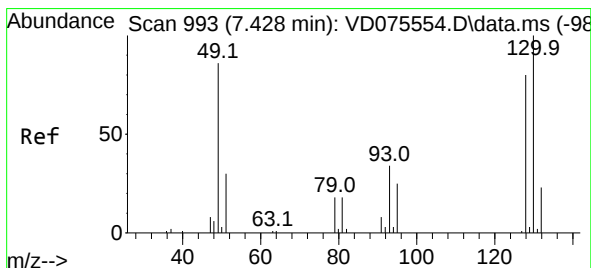
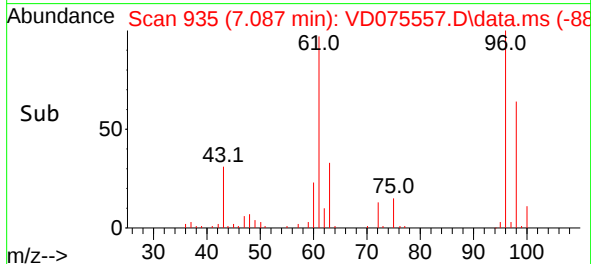
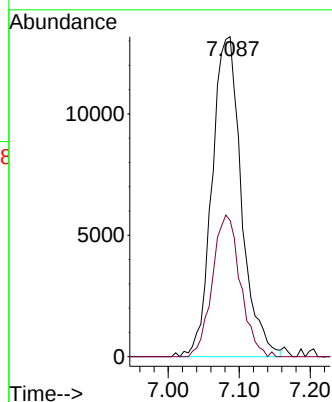
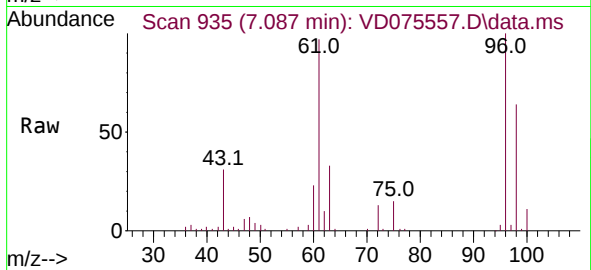




#22
2-Butanone
Concen: 52.664 ug/L
RT: 7.087 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

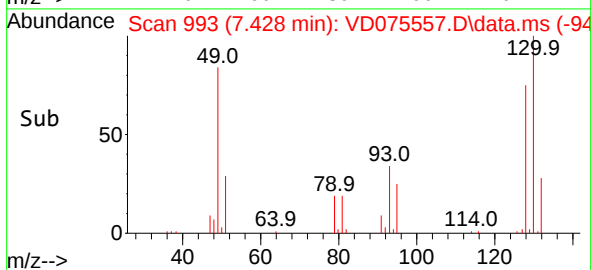
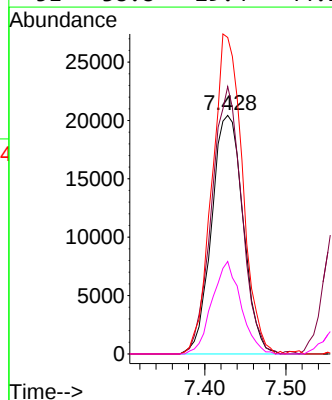
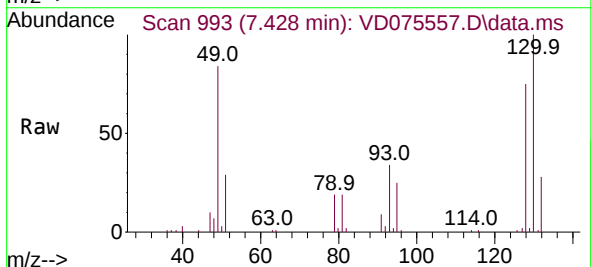
Instrument :
MSVOA_D
ClientSampleId :

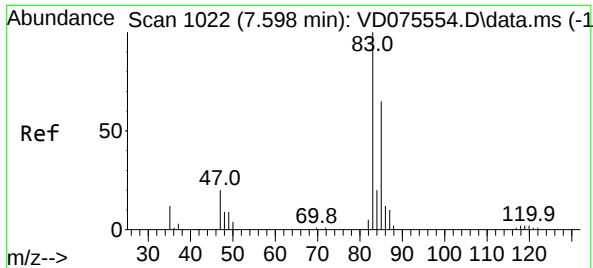
Tgt Ion: 43 Resp: 37813
Ion Ratio Lower Upper
43 100
72 42.1 21.3 63.9



#23
Bromochloromethane
Concen: 25.913 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion:128 Resp: 55063
Ion Ratio Lower Upper
128 100
49 112.0 75.0 139.4
130 132.6 87.4 162.2
51 38.8 29.4 44.2





#25

Chloroform

Concen: 25.608 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

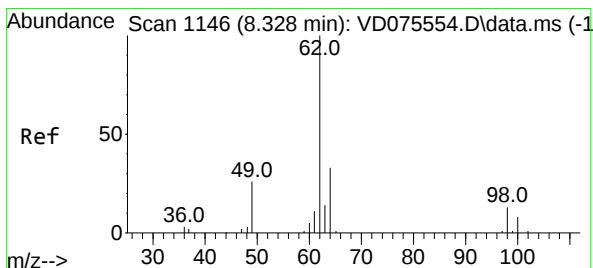
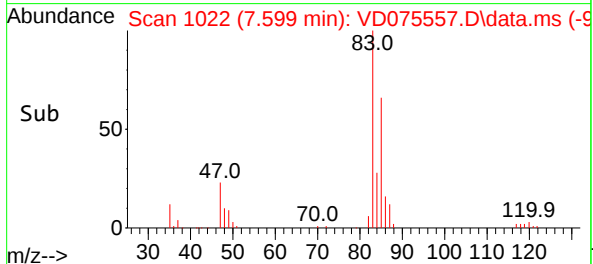
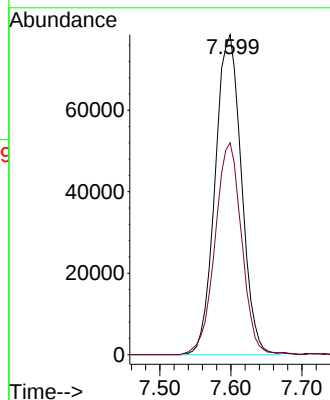
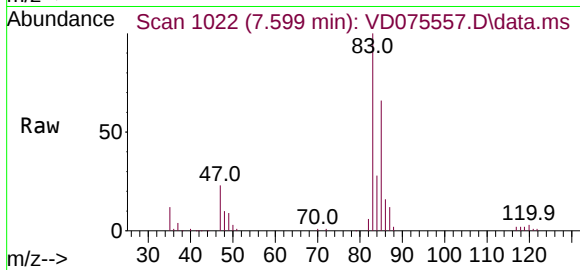
ClientSampleId :

Tgt Ion: 83 Resp: 201803

Ion Ratio Lower Upper

83 100

85 66.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 24.950 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075557.D

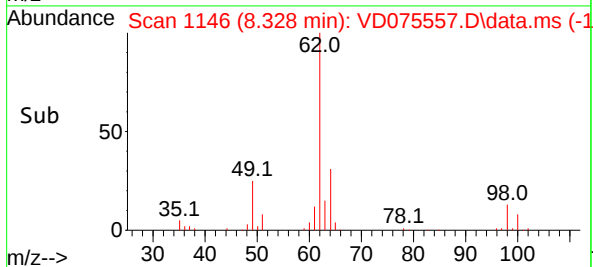
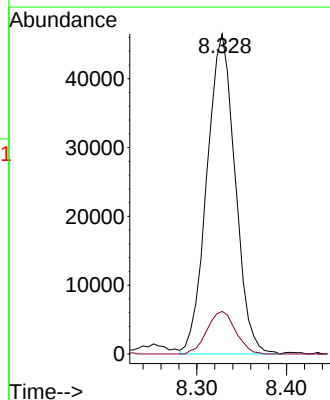
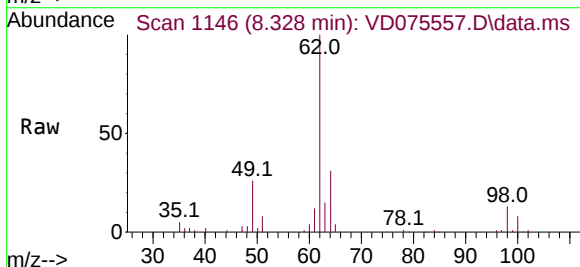
Acq: 31 Mar 2023 14:24

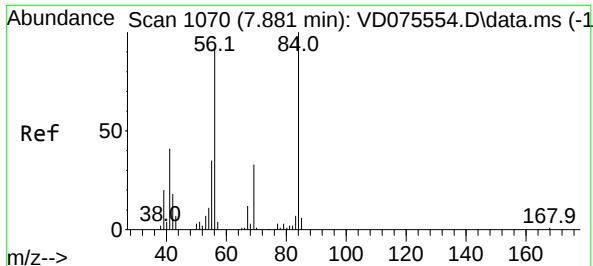
Tgt Ion: 62 Resp: 101627

Ion Ratio Lower Upper

62 100

98 13.3 10.5 15.7





#29

Cyclohexane

Concen: 24.472 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.005 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

ClientSampleId :

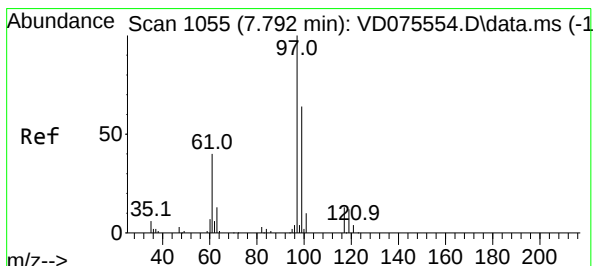
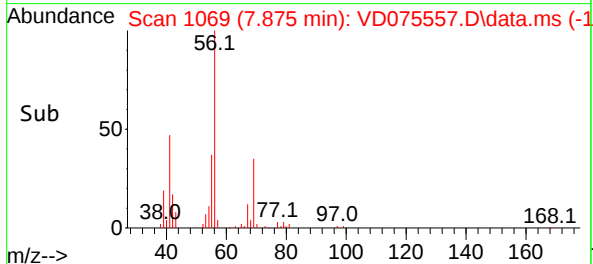
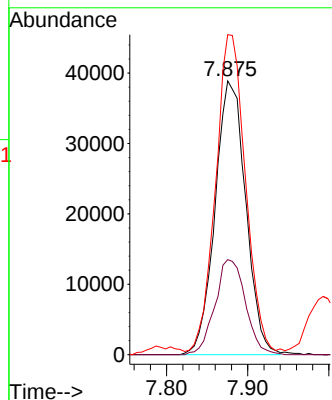
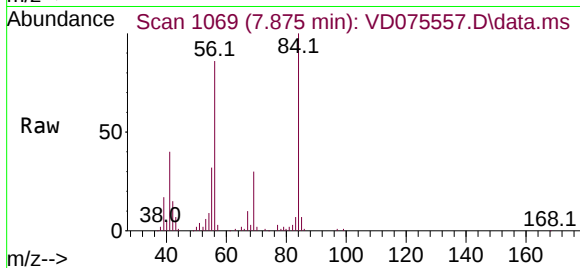
Tgt Ion: 56 Resp: 102086

Ion Ratio Lower Upper

56 100

69 34.5 28.3 42.5

84 114.7 91.1 136.7



#30

1,1,1-Trichloroethane

Concen: 24.885 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

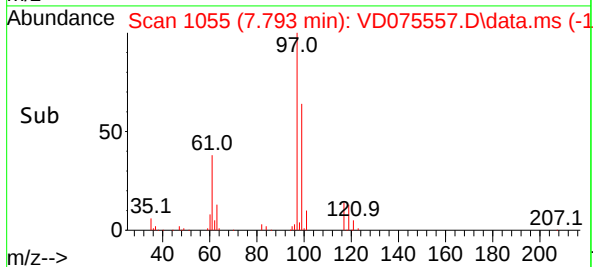
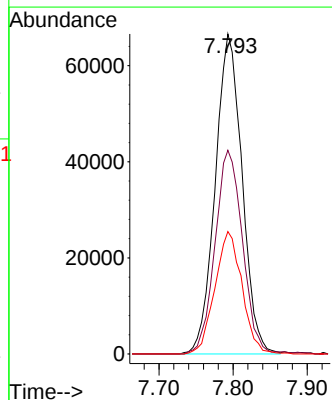
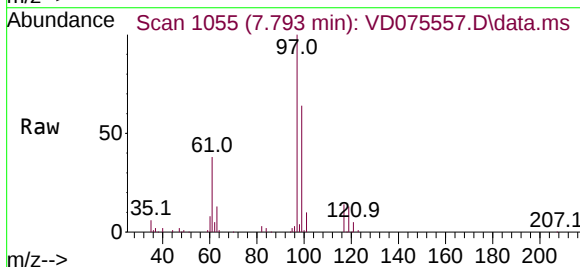
Tgt Ion: 97 Resp: 167571

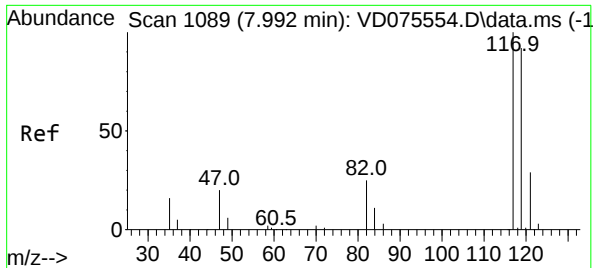
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

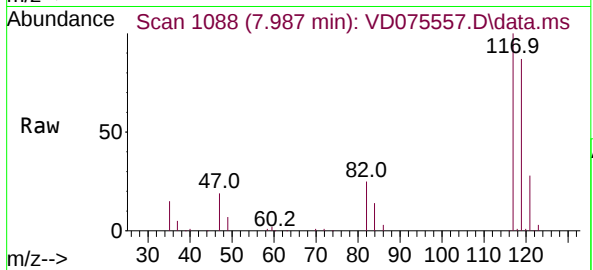
61 38.6 32.2 48.2



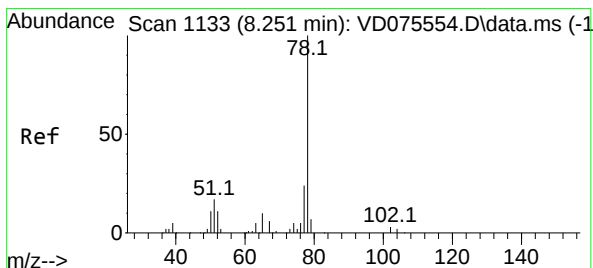
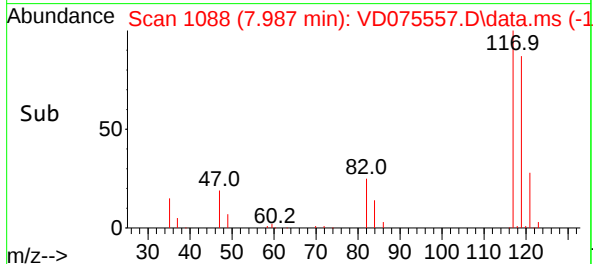
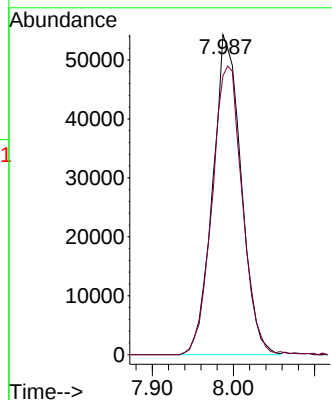


#31
Carbon tetrachloride
Concen: 24.340 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :

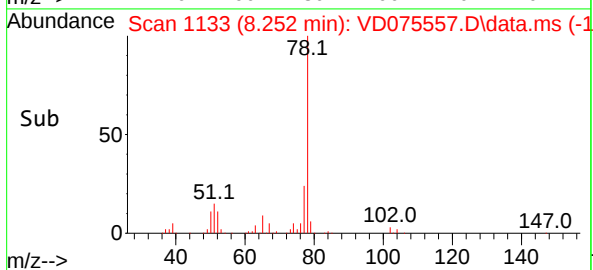
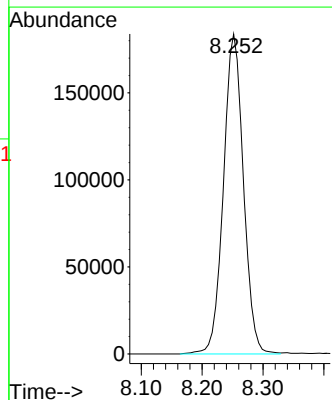
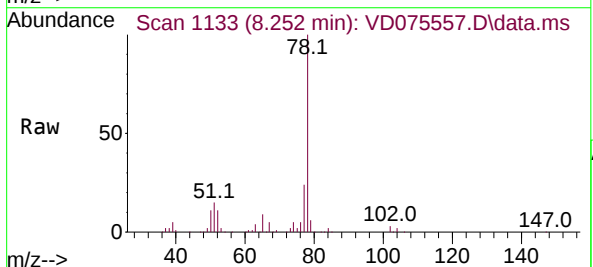


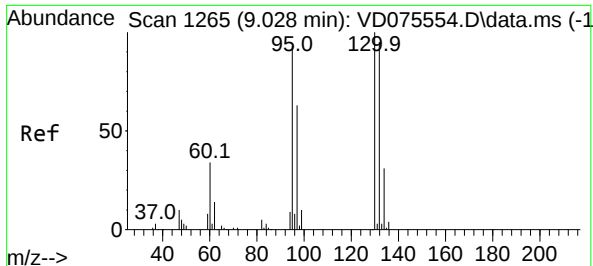
Tgt Ion:117 Resp: 132314
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6



#33
Benzene
Concen: 23.834 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

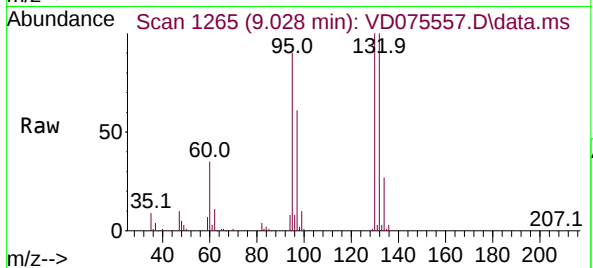
Tgt Ion: 78 Resp: 419231



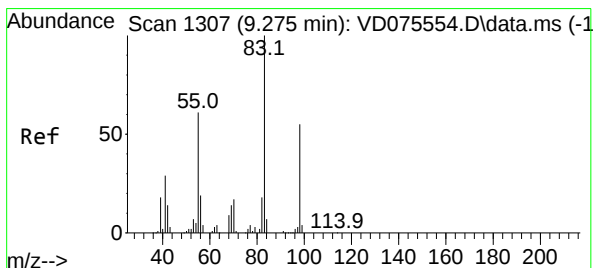
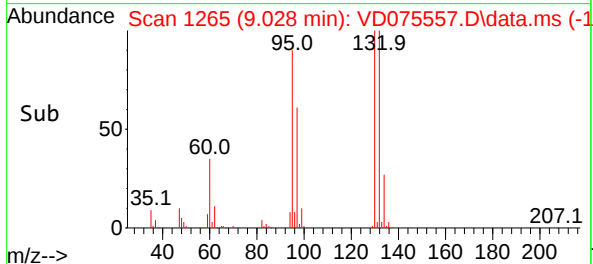
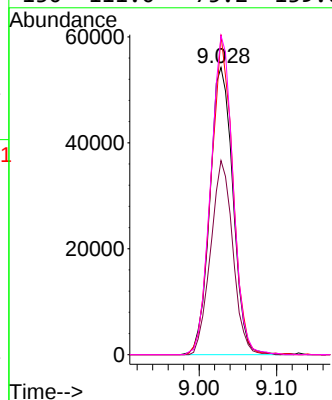


#34
Trichloroethene
Concen: 22.733 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :

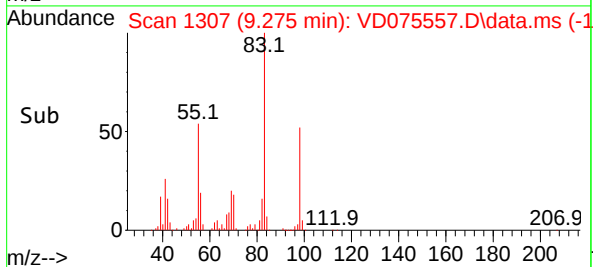
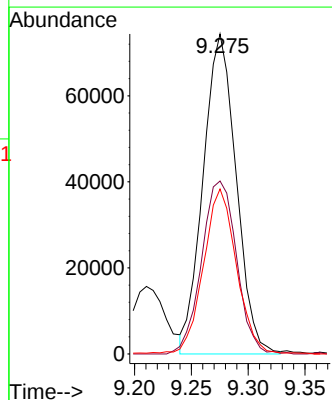
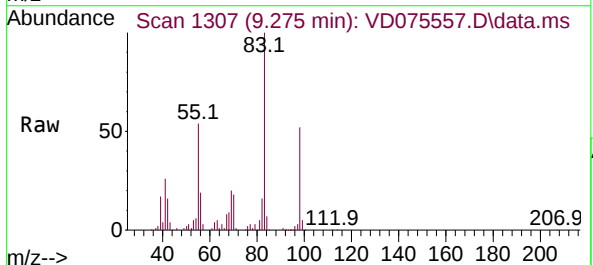


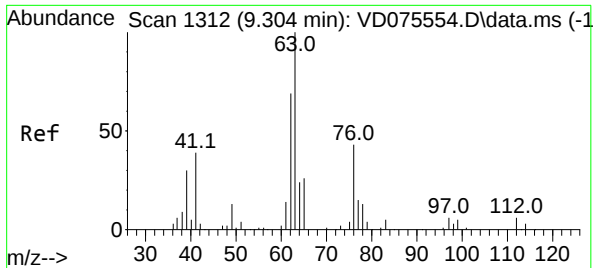
Tgt Ion: 95 Resp: 112028
Ion Ratio Lower Upper
95 100
97 67.5 47.0 87.2
132 111.4 71.2 132.2
130 111.0 75.2 139.6



#35
Methylcyclohexane
Concen: 23.340 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion: 83 Resp: 150440
Ion Ratio Lower Upper
83 100
55 57.1 46.9 70.3
98 51.7 40.8 61.2

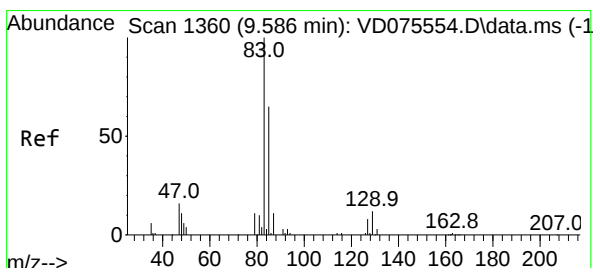
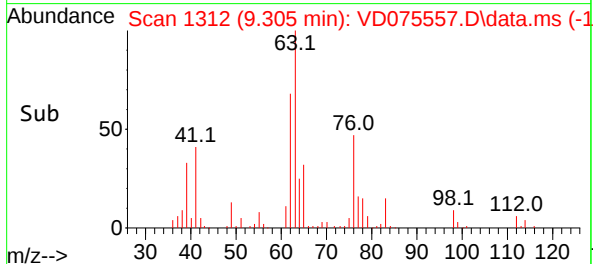
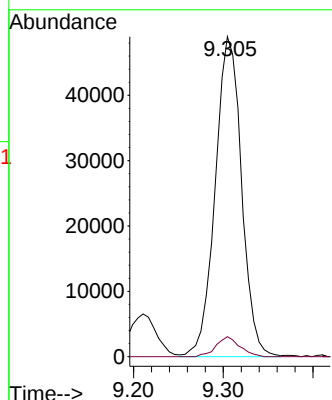
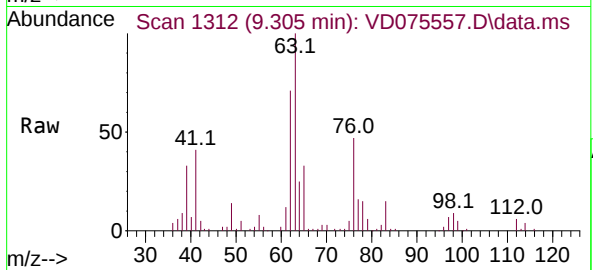




#37
1,2-Dichloropropane
Concen: 24.130 ug/L
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

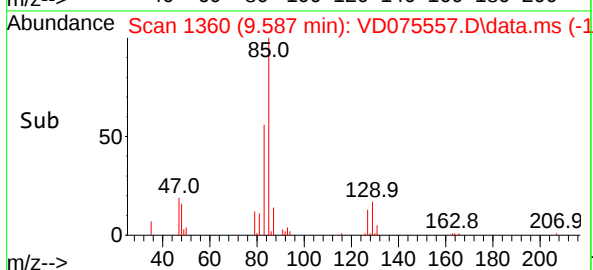
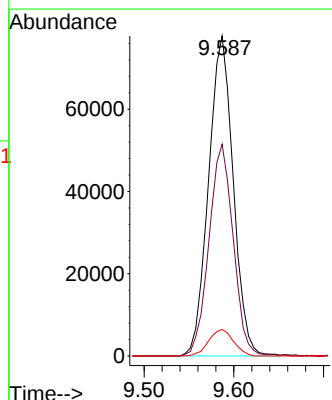
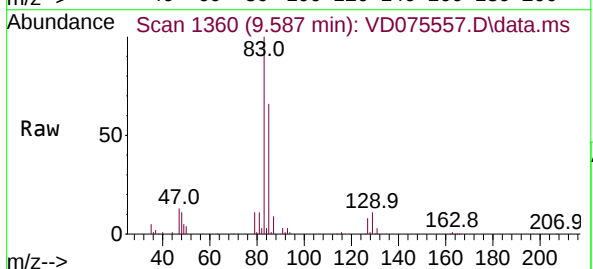
Instrument :
MSVOA_D
ClientSampleId :

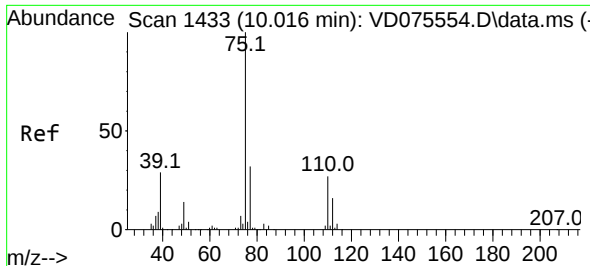
Tgt Ion: 63 Resp: 99857
Ion Ratio Lower Upper
63 100
112 5.6 4.7 7.1



#38
Bromodichloromethane
Concen: 25.212 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion: 83 Resp: 148596
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.9
127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.561 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

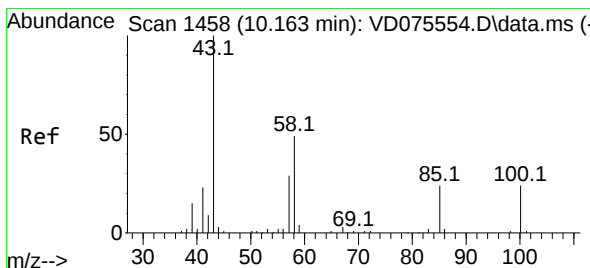
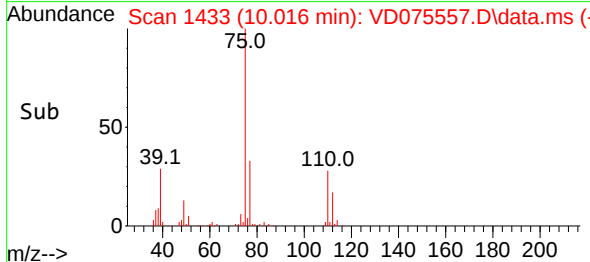
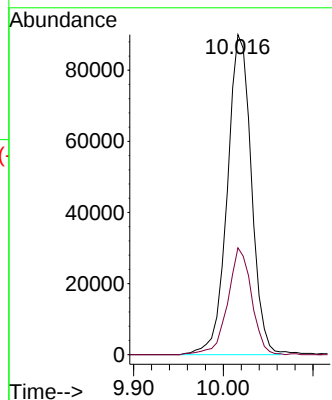
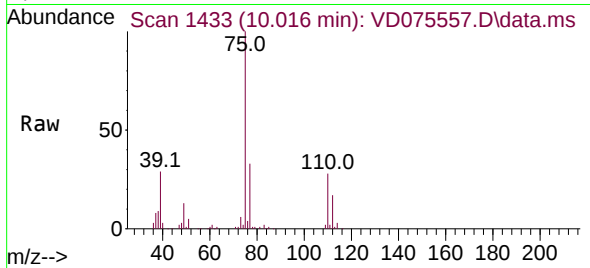
ClientSampleId :

Tgt Ion: 75 Resp: 167714

Ion Ratio Lower Upper

75 100

77 33.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 50.441 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.005 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

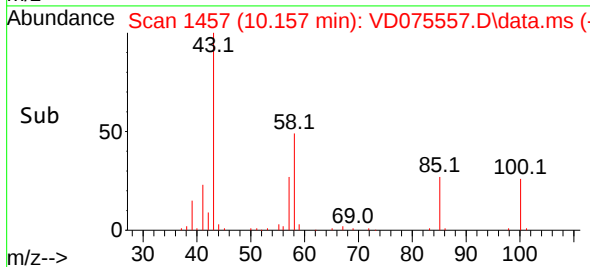
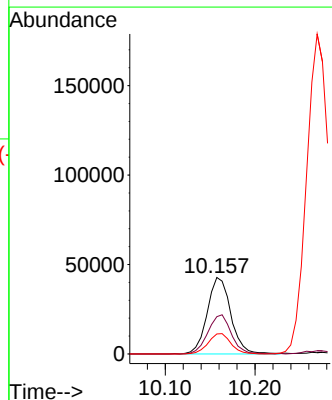
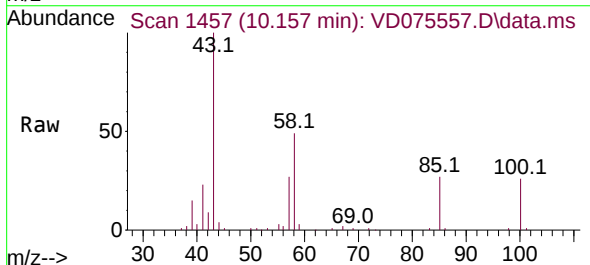
Tgt Ion: 43 Resp: 78239

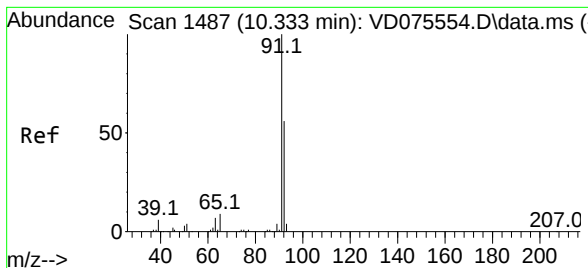
Ion Ratio Lower Upper

43 100

58 50.5 39.4 59.0

100 25.5 20.3 30.5





#42

Toluene

Concen: 24.920 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

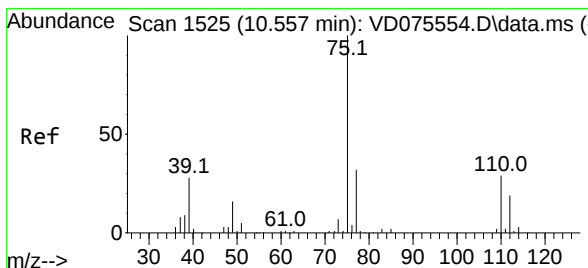
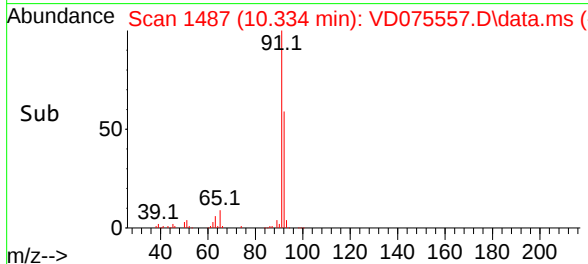
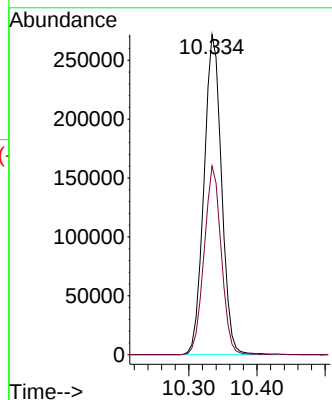
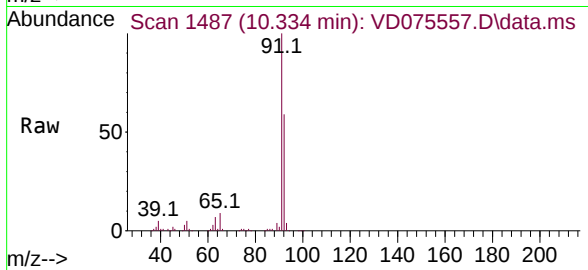
ClientSampleId :

Tgt Ion: 91 Resp: 487003

Ion Ratio Lower Upper

91 100

92 59.0 39.1 72.7



#44

trans-1,3-Dichloropropene

Concen: 25.059 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.005 min

Lab File: VD075557.D

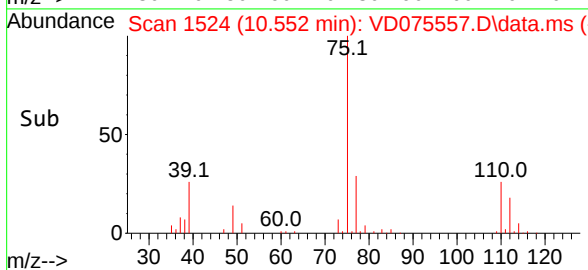
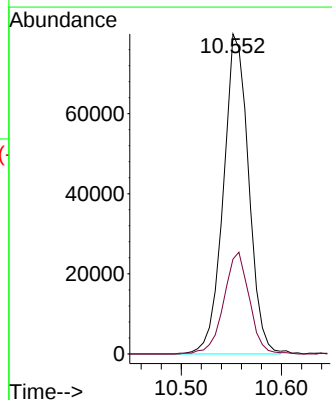
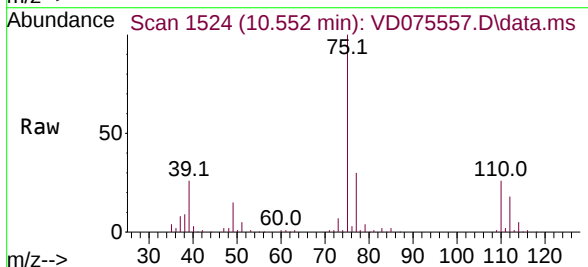
Acq: 31 Mar 2023 14:24

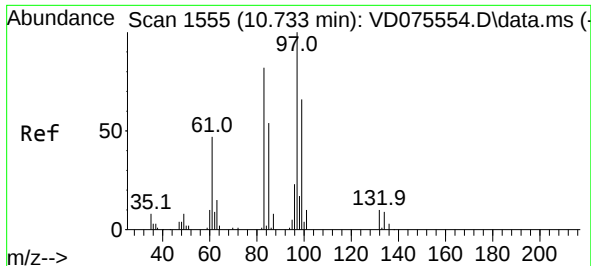
Tgt Ion: 75 Resp: 139794

Ion Ratio Lower Upper

75 100

77 29.6 22.1 41.1

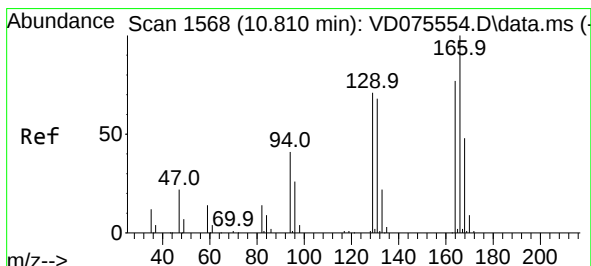
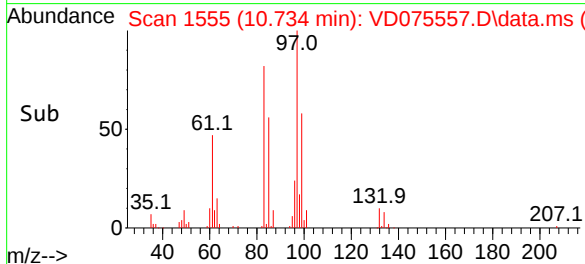
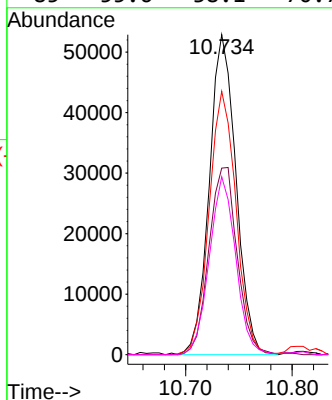
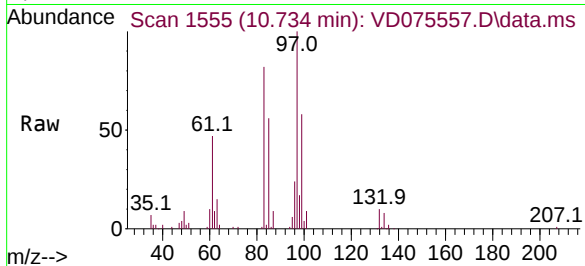




#45
1,1,2-Trichloroethane
Concen: 24.223 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

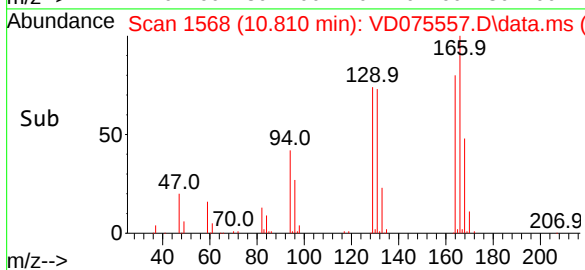
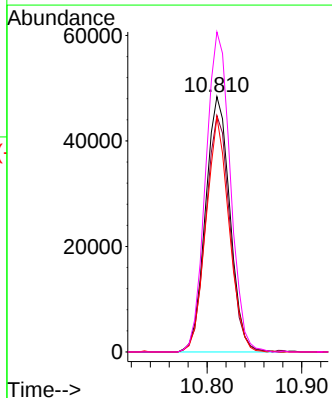
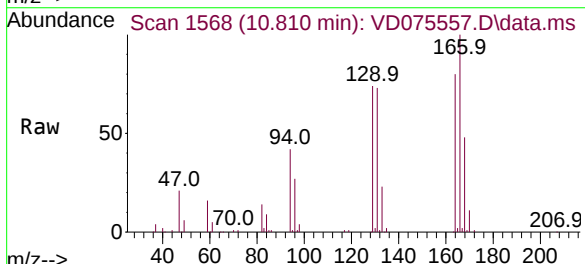
Instrument :
MSVOA_D
ClientSampleId :

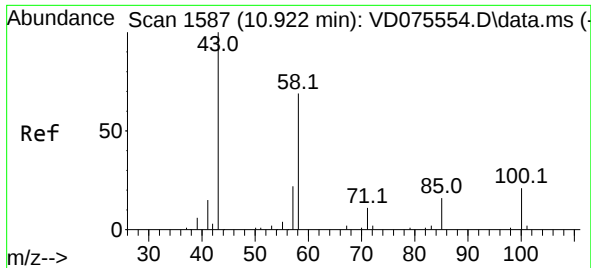
Tgt Ion:	97	Resp:	91988
Ion	Ratio	Lower	Upper
97	100		
99	58.3	46.4	86.2
83	82.3	57.1	106.1
85	55.6	38.1	70.7



#46
Tetrachloroethene
Concen: 22.428 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion:	164	Resp:	86558
Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.8	120.3
131	92.0	61.7	114.7
166	125.3	90.9	168.9

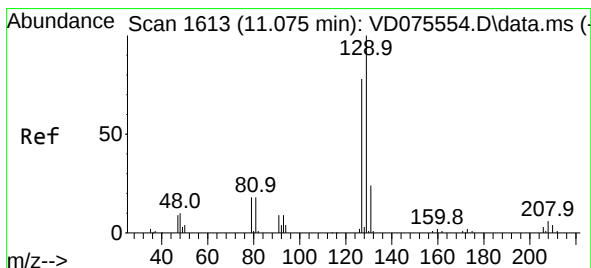
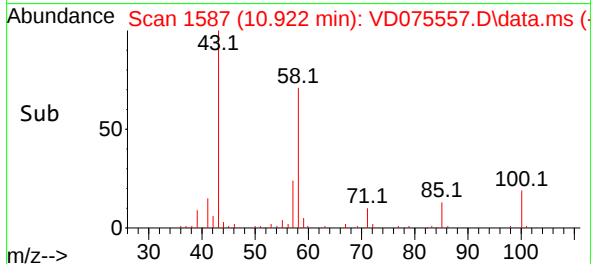
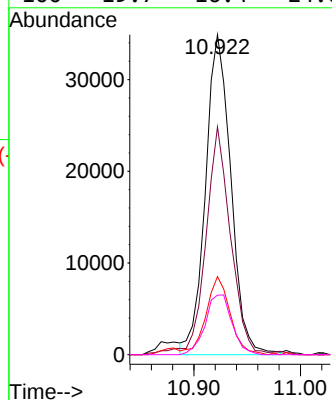
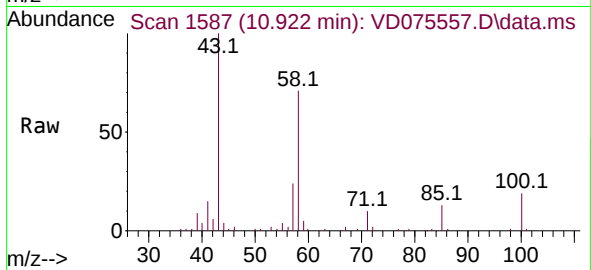




#48
2-Hexanone
Concen: 55.370 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

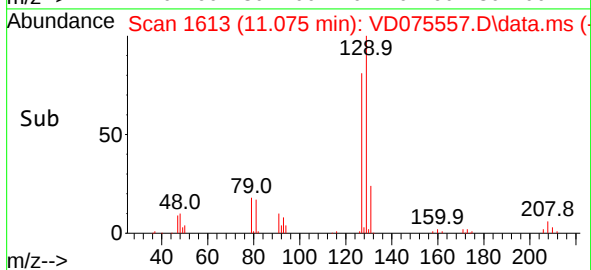
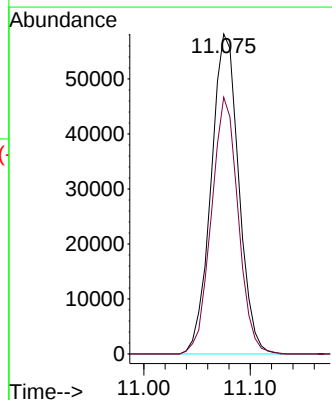
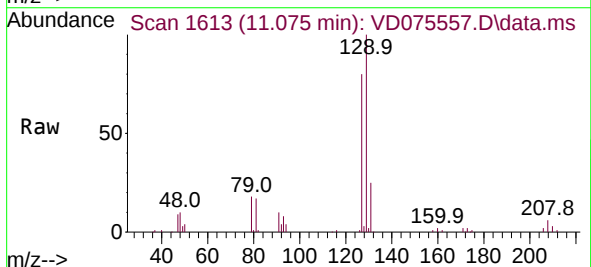
Instrument :
MSVOA_D
ClientSampleId :

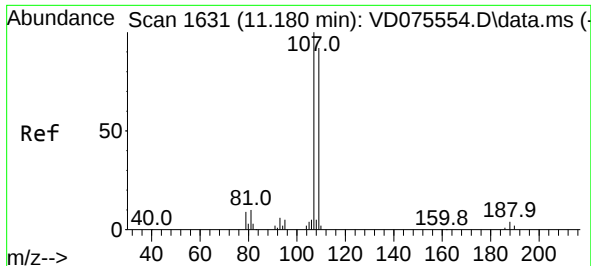
Tgt Ion: 43	Resp: 57881
Ion Ratio	Lower Upper
43 100	
58 67.5	55.8 83.6
57 23.2	18.6 27.8
100 19.7	16.4 24.6



#49
Dibromochloromethane
Concen: 25.517 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion:129	Resp: 104915
Ion Ratio	Lower Upper
129 100	
127 80.2	54.5 101.1

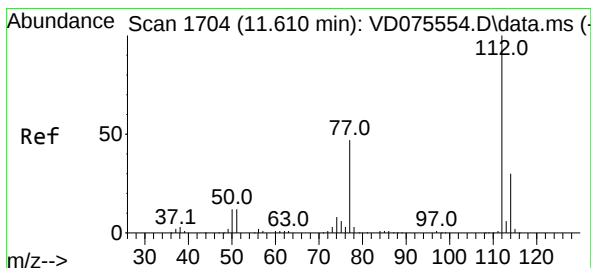
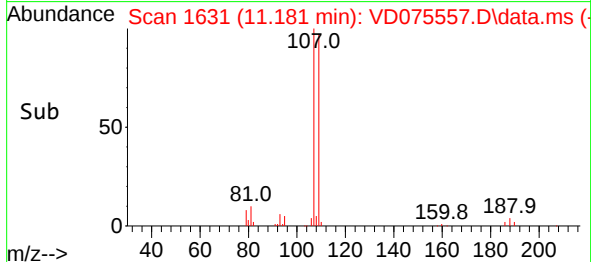
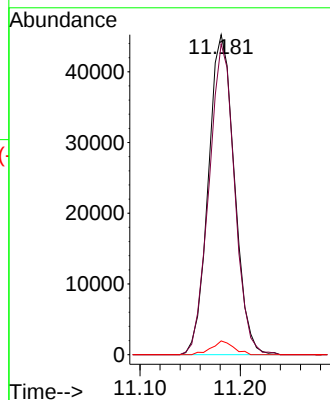
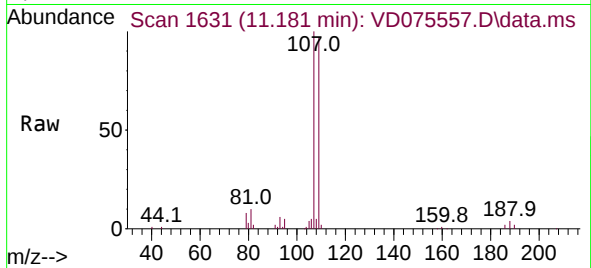




#50
1,2-Dibromoethane
Concen: 24.573 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

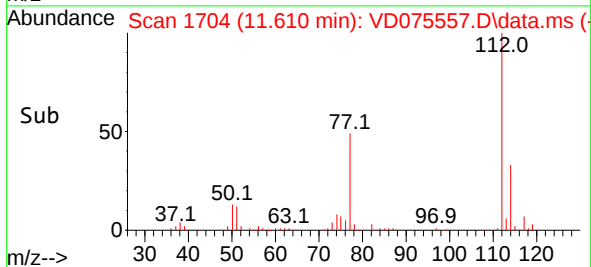
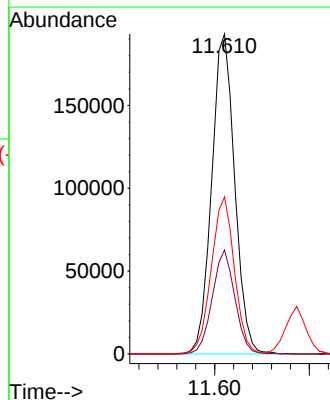
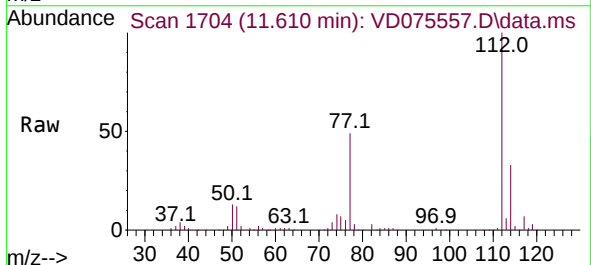
Instrument :
MSVOA_D
ClientSampleId :

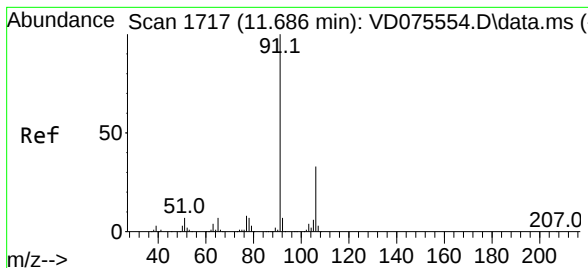
Tgt Ion:107 Resp: 81761
Ion Ratio Lower Upper
107 100
109 97.2 64.8 120.3
188 4.3 3.4 5.0



#51
Chlorobenzene
Concen: 24.778 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion:112 Resp: 326129
Ion Ratio Lower Upper
112 100
114 32.5 21.1 39.1
77 49.1 37.8 56.6

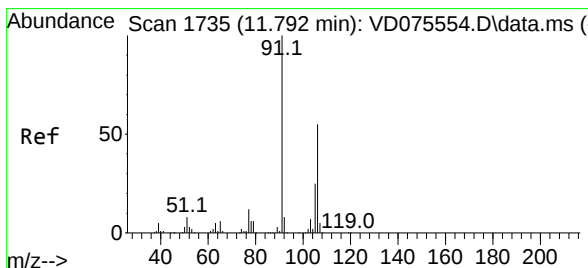
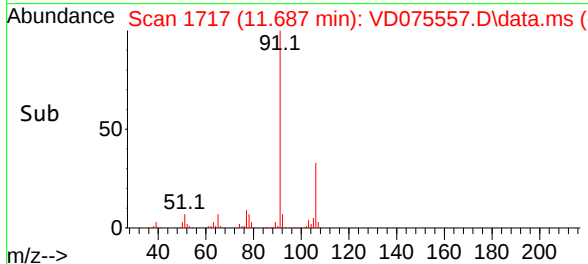
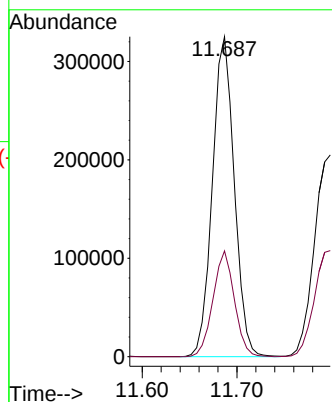
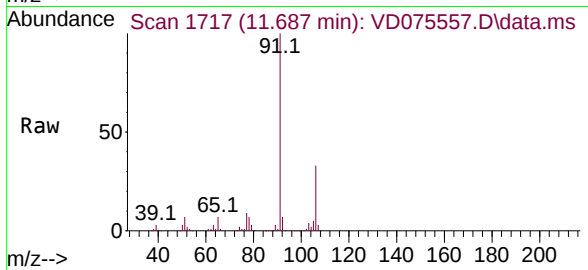




#52
Ethylbenzene
Concen: 25.409 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

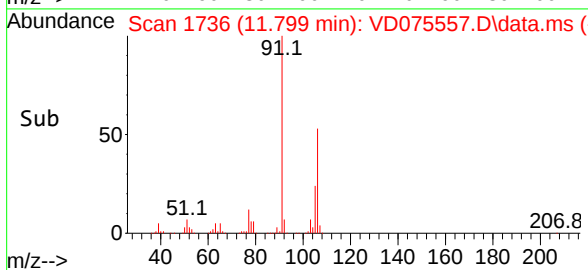
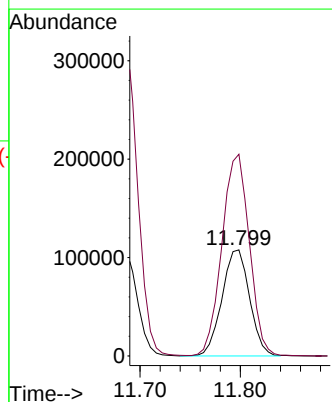
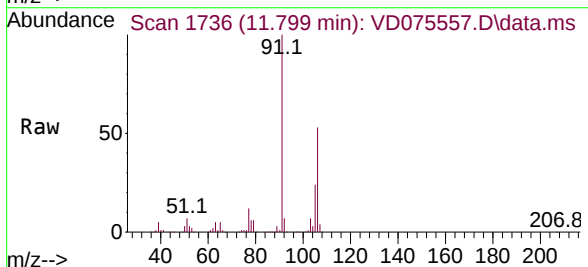
Instrument :
MSVOA_D
ClientSampleId :

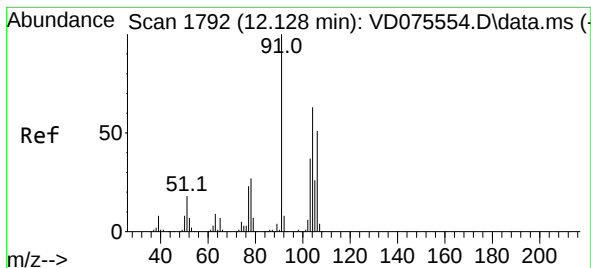
Tgt Ion: 91 Resp: 522182
Ion Ratio Lower Upper
91 100
106 33.0 23.2 43.2



#53
m,p-Xylene
Concen: 25.501 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion: 106 Resp: 205499
Ion Ratio Lower Upper
106 100
91 190.1 126.7 235.3





#54

o-Xylene

Concen: 26.289 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.005 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

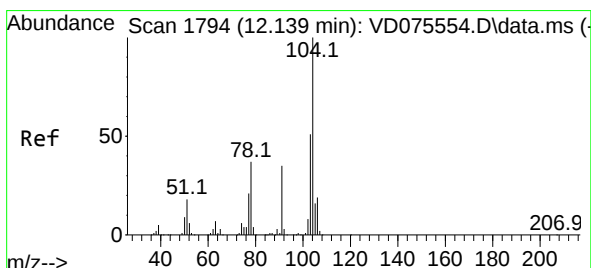
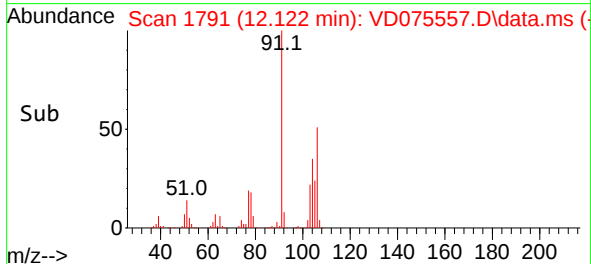
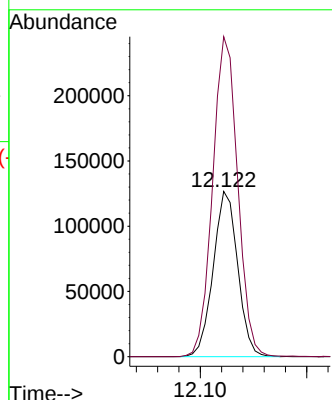
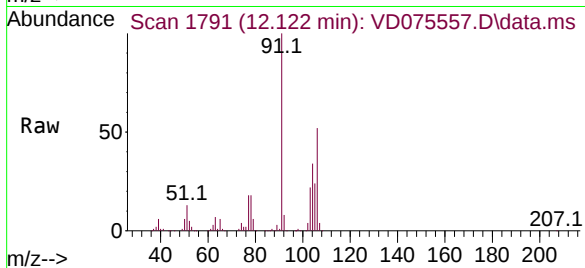
ClientSampleId :

Tgt Ion:106 Resp: 201728

Ion Ratio Lower Upper

106 100

91 193.7 138.3 256.9



#55

Styrene

Concen: 26.717 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD075557.D

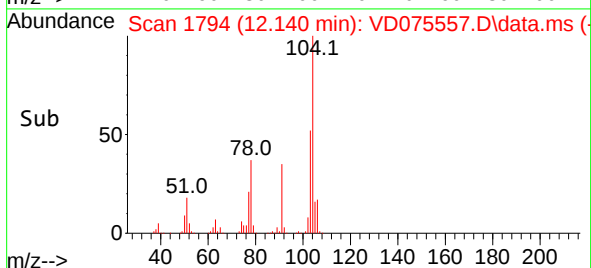
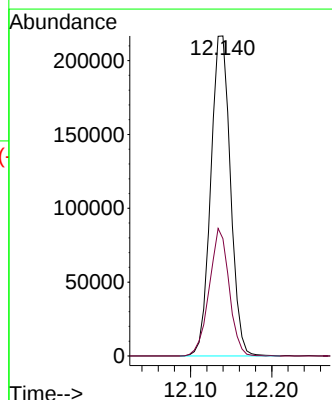
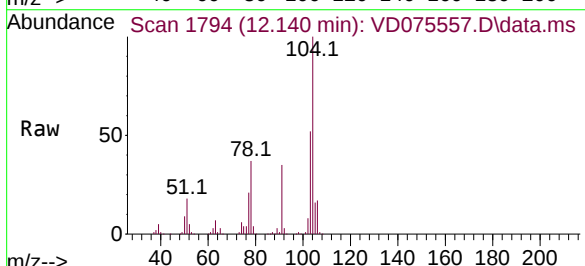
Acq: 31 Mar 2023 14:24

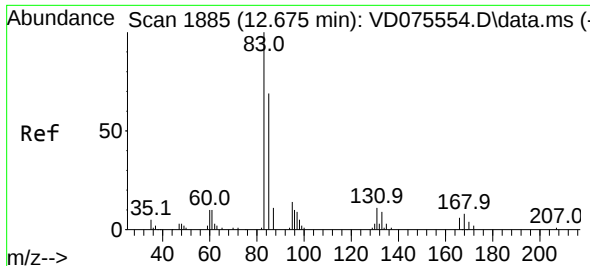
Tgt Ion:104 Resp: 365294

Ion Ratio Lower Upper

104 100

78 36.7 25.8 47.8

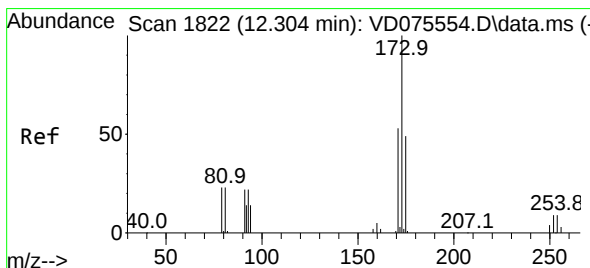
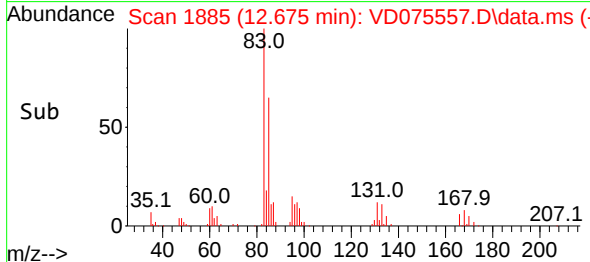
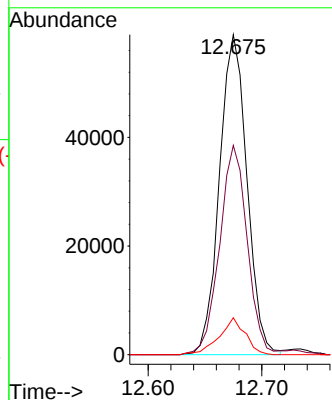
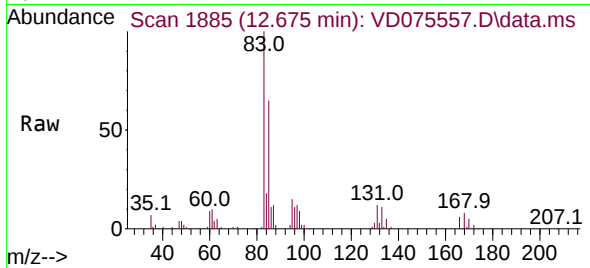




#57
1,1,2,2-Tetrachloroethane
Concen: 25.311 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

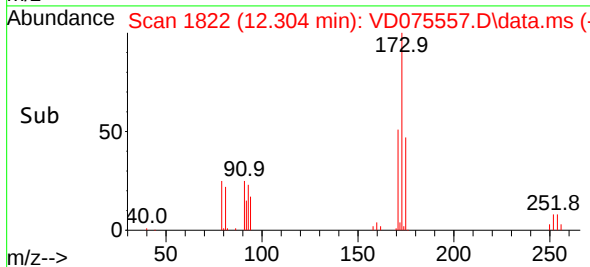
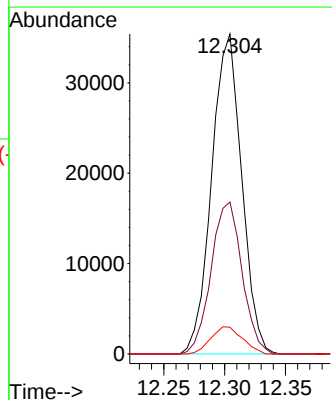
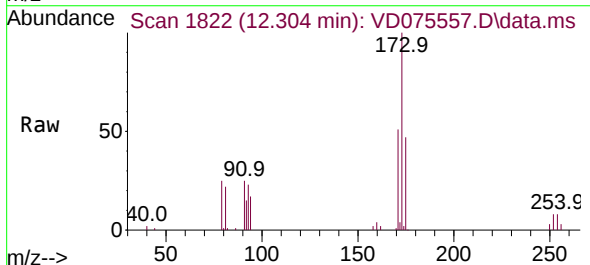
Instrument :
MSVOA_D
ClientSampleId :

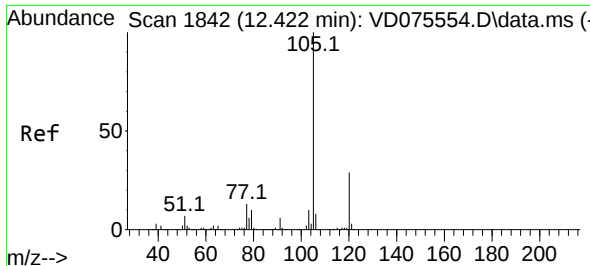
Tgt Ion: 83 Resp: 99197
Ion Ratio Lower Upper
83 100
85 65.4 48.7 90.5
131 11.5 9.3 13.9



#59
Bromoform
Concen: 23.663 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

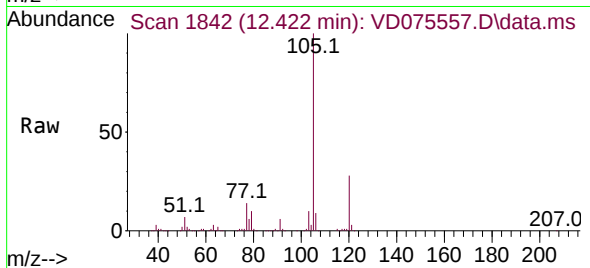
Tgt Ion: 173 Resp: 60771
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 9.0 7.7 11.5



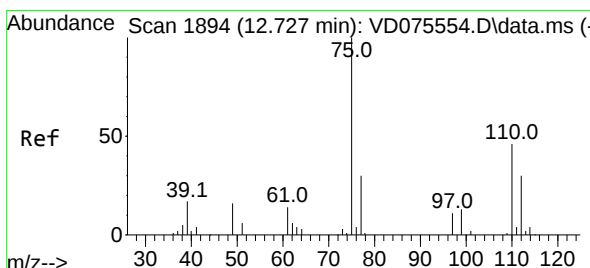
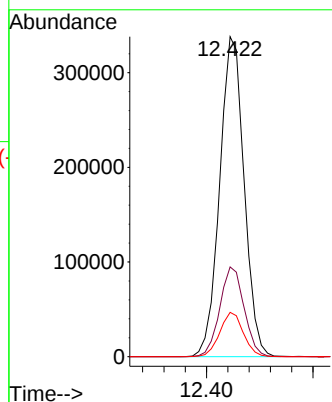
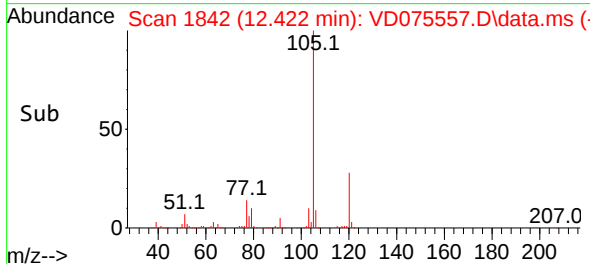


#60
Isopropylbenzene
Concen: 24.521 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :

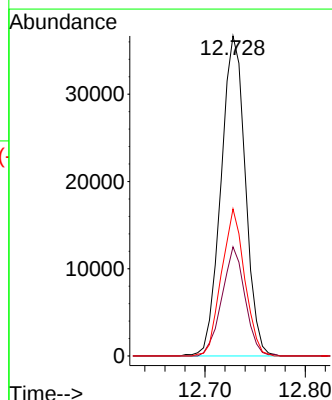
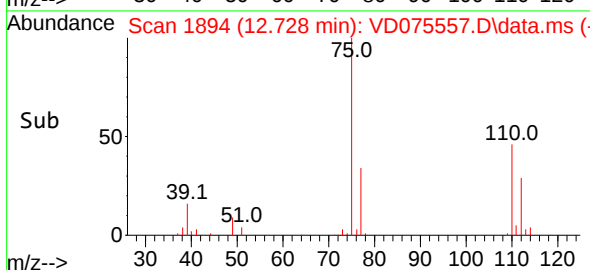
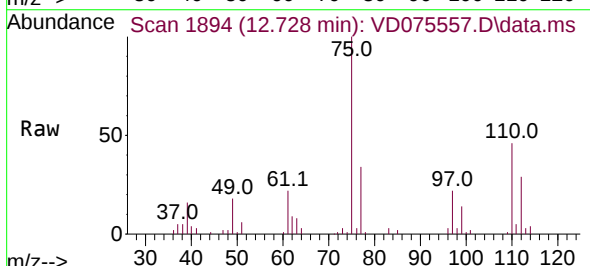


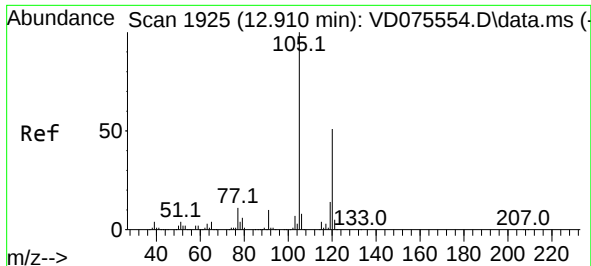
Tgt Ion:105 Resp: 537644
Ion Ratio Lower Upper
105 100
120 27.9 22.5 33.7
77 13.4 10.7 16.1



#61
1,2,3-Trichloropropane
Concen: 23.515 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion: 75 Resp: 61806
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 43.7 35.9 53.9





#62

1,3,5-Trimethylbenzene

Concen: 24.658 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.005 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

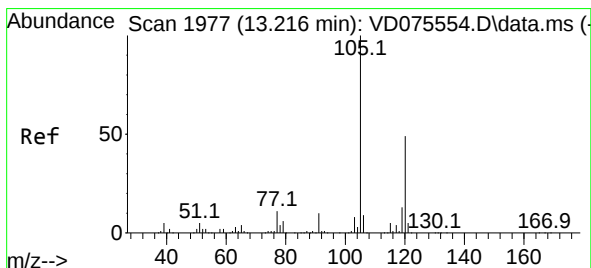
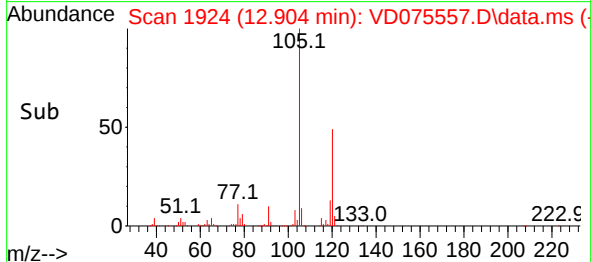
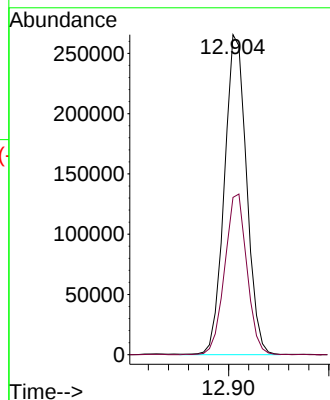
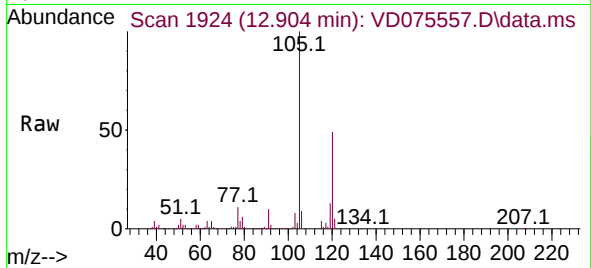
ClientSampleId :

Tgt Ion:105 Resp: 407800

Ion Ratio Lower Upper

105 100

120 50.2 41.1 61.7



#63

1,2,4-Trimethylbenzene

Concen: 25.015 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075557.D

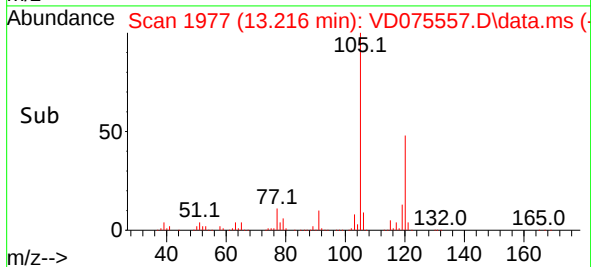
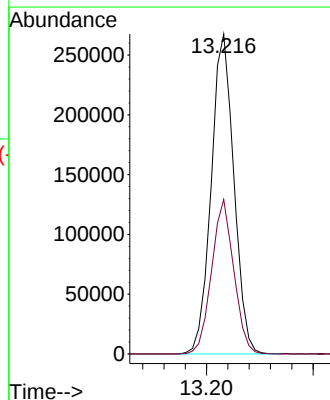
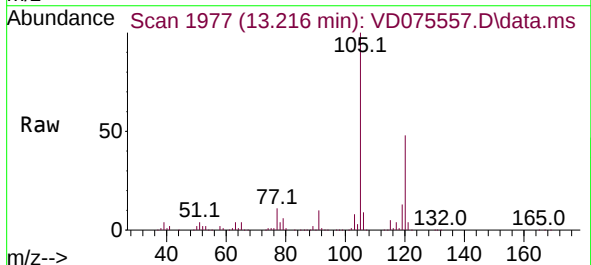
Acq: 31 Mar 2023 14:24

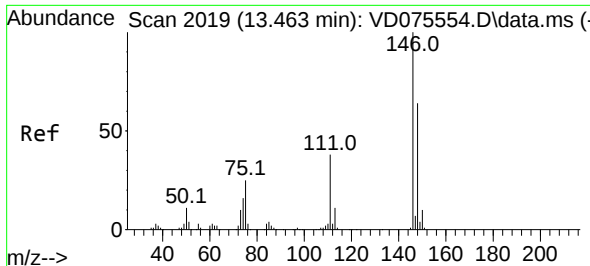
Tgt Ion:105 Resp: 395623

Ion Ratio Lower Upper

105 100

120 47.1 39.0 58.4

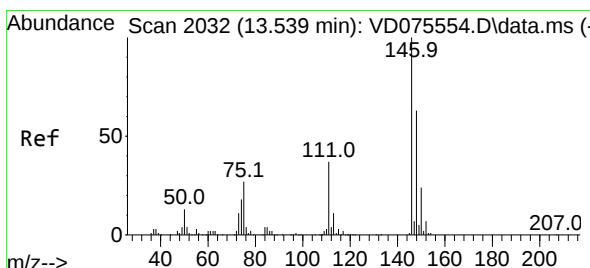
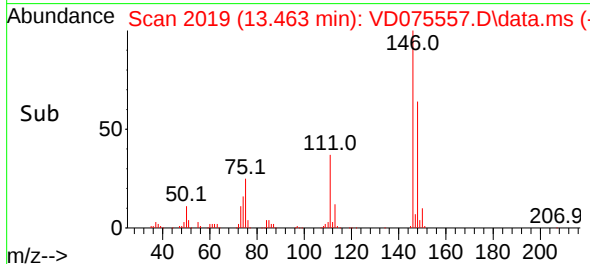
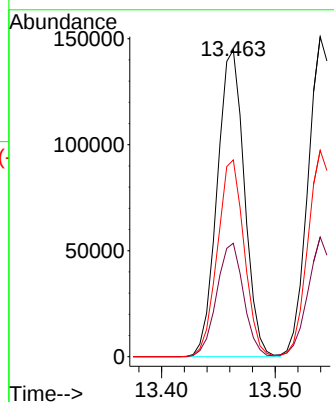
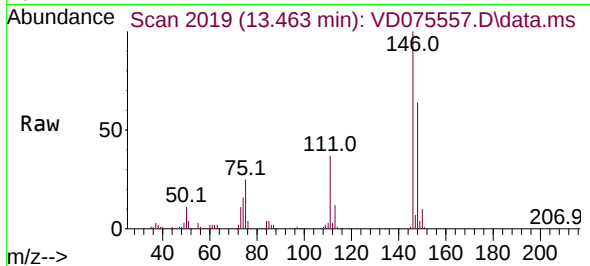




#64
1,3-Dichlorobenzene
Concen: 24.263 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

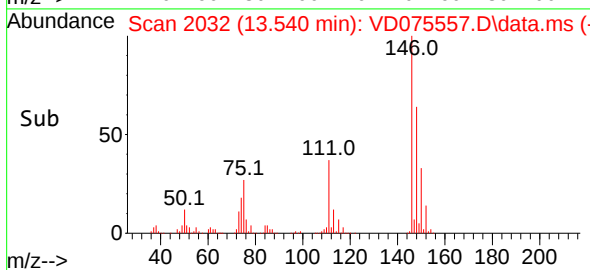
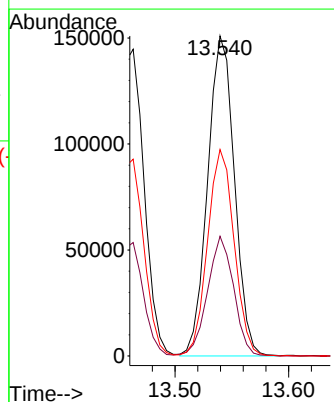
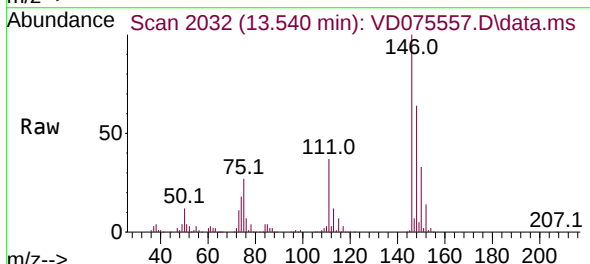
Instrument :
MSVOA_D
ClientSampleId :

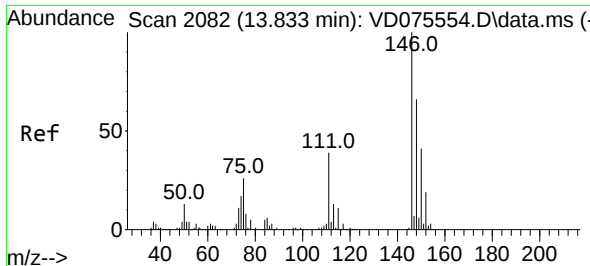
Tgt Ion:146 Resp: 240891
Ion Ratio Lower Upper
146 100
111 37.0 26.2 48.8
148 64.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 23.894 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075557.D
Acq: 31 Mar 2023 14:24

Tgt Ion:146 Resp: 247443
Ion Ratio Lower Upper
146 100
111 37.4 26.0 48.4
148 64.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 24.310 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

ClientSampleId :

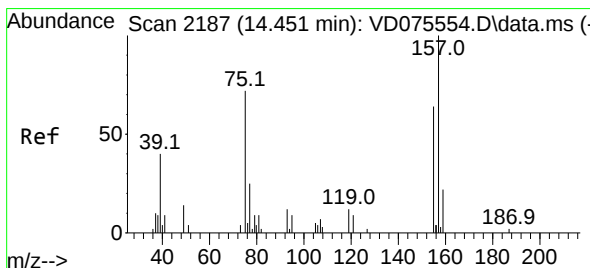
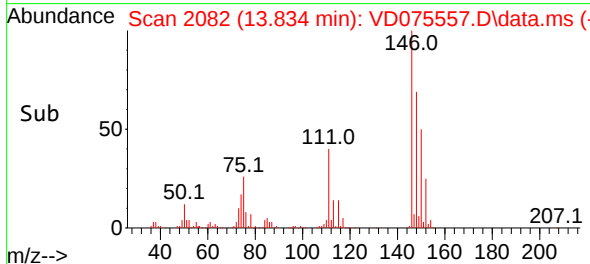
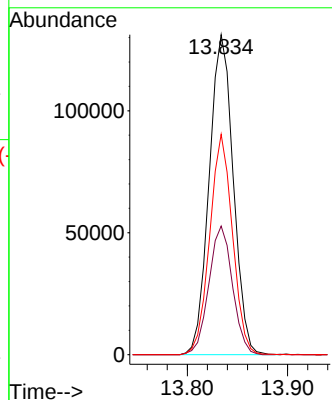
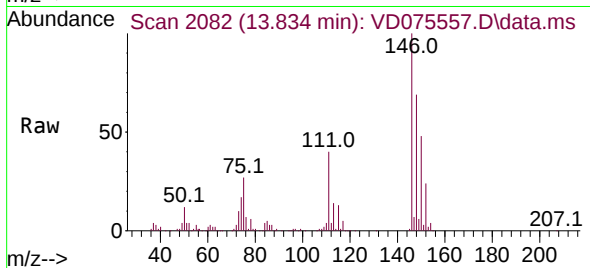
Tgt Ion:146 Resp: 218599

Ion Ratio Lower Upper

146 100

111 40.2 31.3 46.9

148 68.9 52.8 79.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.856 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

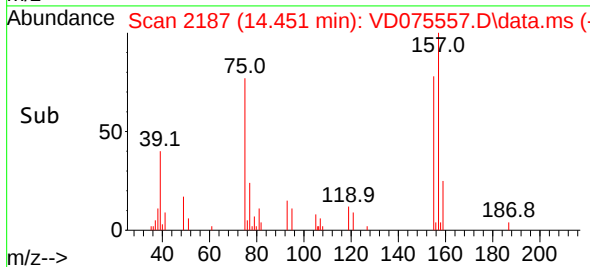
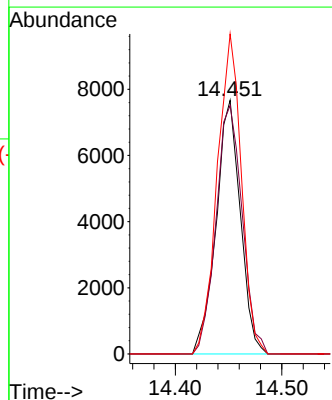
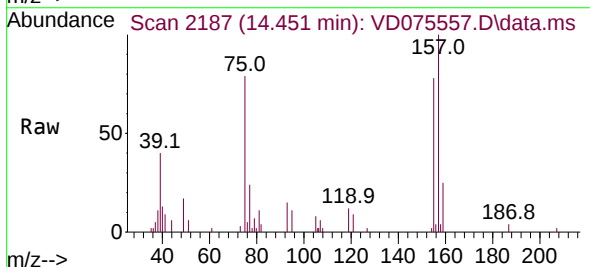
Tgt Ion: 75 Resp: 12098

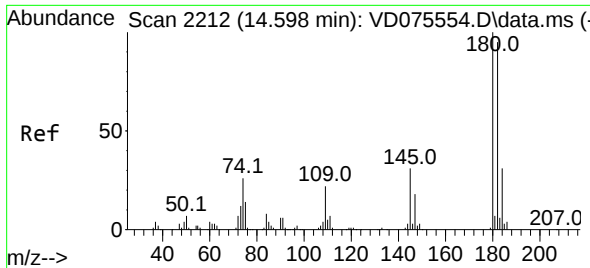
Ion Ratio Lower Upper

75 100

155 98.0 70.6 106.0

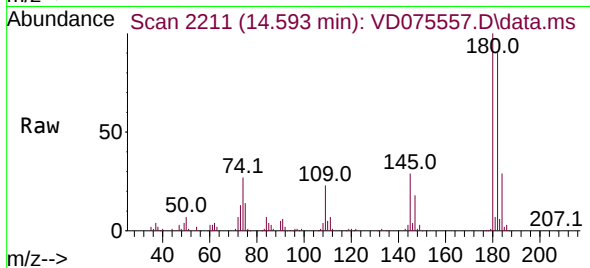
157 126.2 111.3 166.9



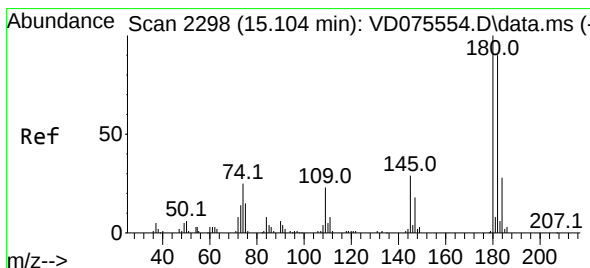
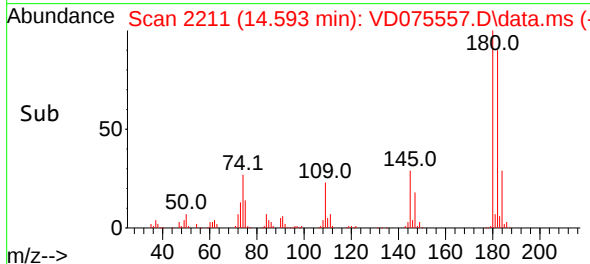
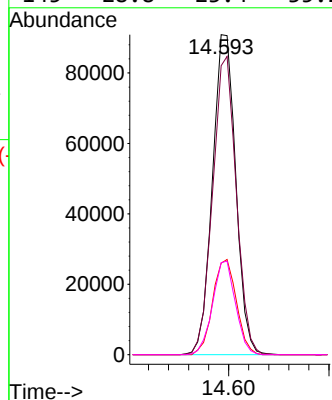


#69
 1,3,5-Trichlorobenzene
 Concen: 23.929 ug/L
 RT: 14.593 min Scan# 211
 Delta R.T. -0.005 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

Instrument :
 MSVOA_D
 ClientSampleId :

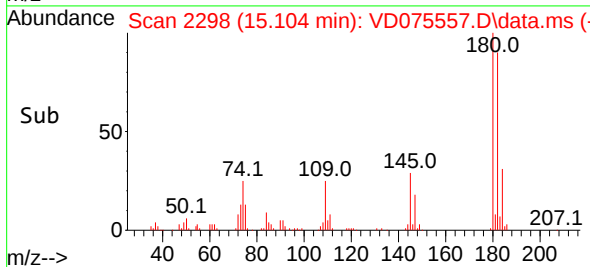
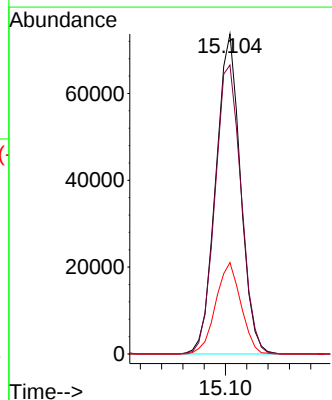
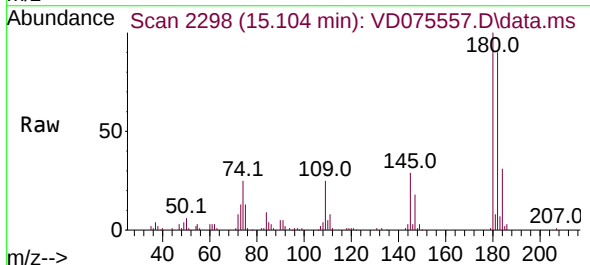


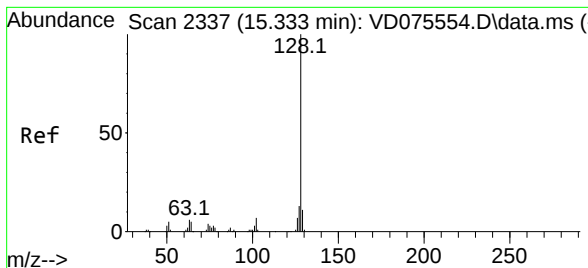
Tgt Ion:180 Resp: 146513
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.9 115.3
 184 30.2 24.6 36.8
 145 28.8 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 23.878 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075557.D
 Acq: 31 Mar 2023 14:24

Tgt Ion:180 Resp: 118360
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.2 111.2
 145 29.1 22.9 34.3





#71

Naphthalene

Concen: 26.334 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Instrument :

MSVOA_D

ClientSampleId :

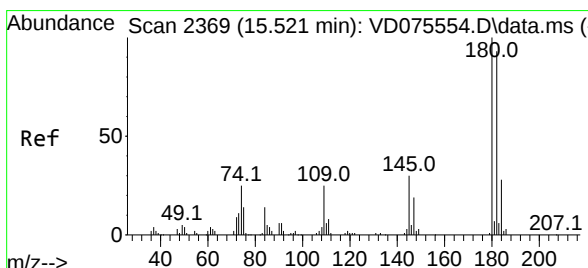
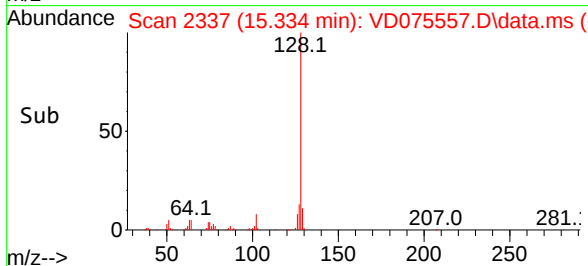
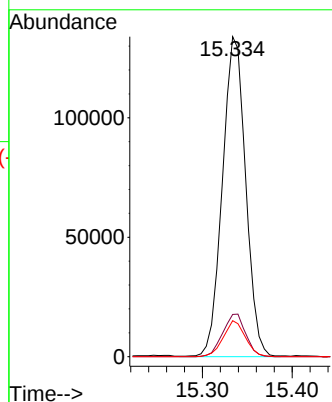
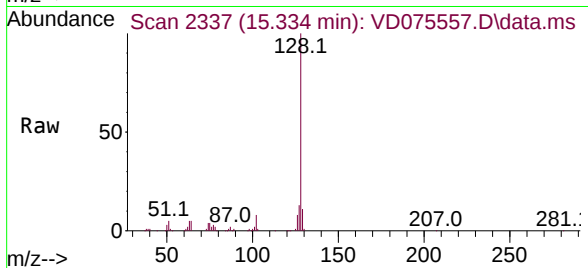
Tgt Ion:128 Resp: 241342

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.157 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075557.D

Acq: 31 Mar 2023 14:24

Tgt Ion:180 Resp: 111697

Ion Ratio Lower Upper

180 100

182 93.6 75.4 113.0

145 31.4 25.2 37.8

