

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075440.D
 Acq On : 02 Mar 2023 13:44
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

Quant Time: Mar 03 04:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	337819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	299969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	151739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	155546	18.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	2.810	69	146309	20.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
11) 1,1-Dichloroethene-d2	3.928	63	166917	21.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.200%
21) 2-Butanone-d5	6.987	46	32587	41.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.840%
24) Chloroform-d	7.569	84	192286	21.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	8.228	65	81224	21.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.720%
32) Benzene-d6	8.204	84	383284	21.515	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	9.210	67	111622	22.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.680%
41) Toluene-d8	10.269	98	363470	22.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.528	79	45972	22.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.360%
47) 2-Hexanone-d5	10.881	63	31173	42.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.840%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	92455	21.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	13.822	152	114434	21.560	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	126574	24.354	ug/L	99
3) Chloromethane	2.152	50	171267	19.595	ug/L	97
5) Vinyl chloride	2.287	62	256342	23.321	ug/L	95
6) Bromomethane	2.699	94	172372	33.088	ug/L	100
8) Chloroethane	2.840	64	175941	25.454	ug/L	96
9) Trichlorofluoromethane	3.181	101	205357	24.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	146007	25.686	ug/L	99
12) 1,1-Dichloroethene	3.946	96	122682	24.510	ug/L	95
13) Acetone	4.022	43	43332	49.349	ug/L	62
14) Carbon disulfide	4.275	76	343873	24.569	ug/L	97
15) Methyl Acetate	4.569	43	35475	23.807	ug/L #	81
16) Methylene chloride	4.805	84	161843	22.684	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	134924	25.147	ug/L	97
18) Methyl tert-butyl Ether	5.310	73	250628	25.135	ug/L	98
19) 1,1-Dichloroethane	6.110	63	229776	25.315	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	151643	25.019	ug/L	98
22) 2-Butanone	7.081	43	51860	46.543	ug/L	96
23) Bromochloromethane	7.428	128	66836	25.739	ug/L	87
25) Chloroform	7.598	83	250594	25.320	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

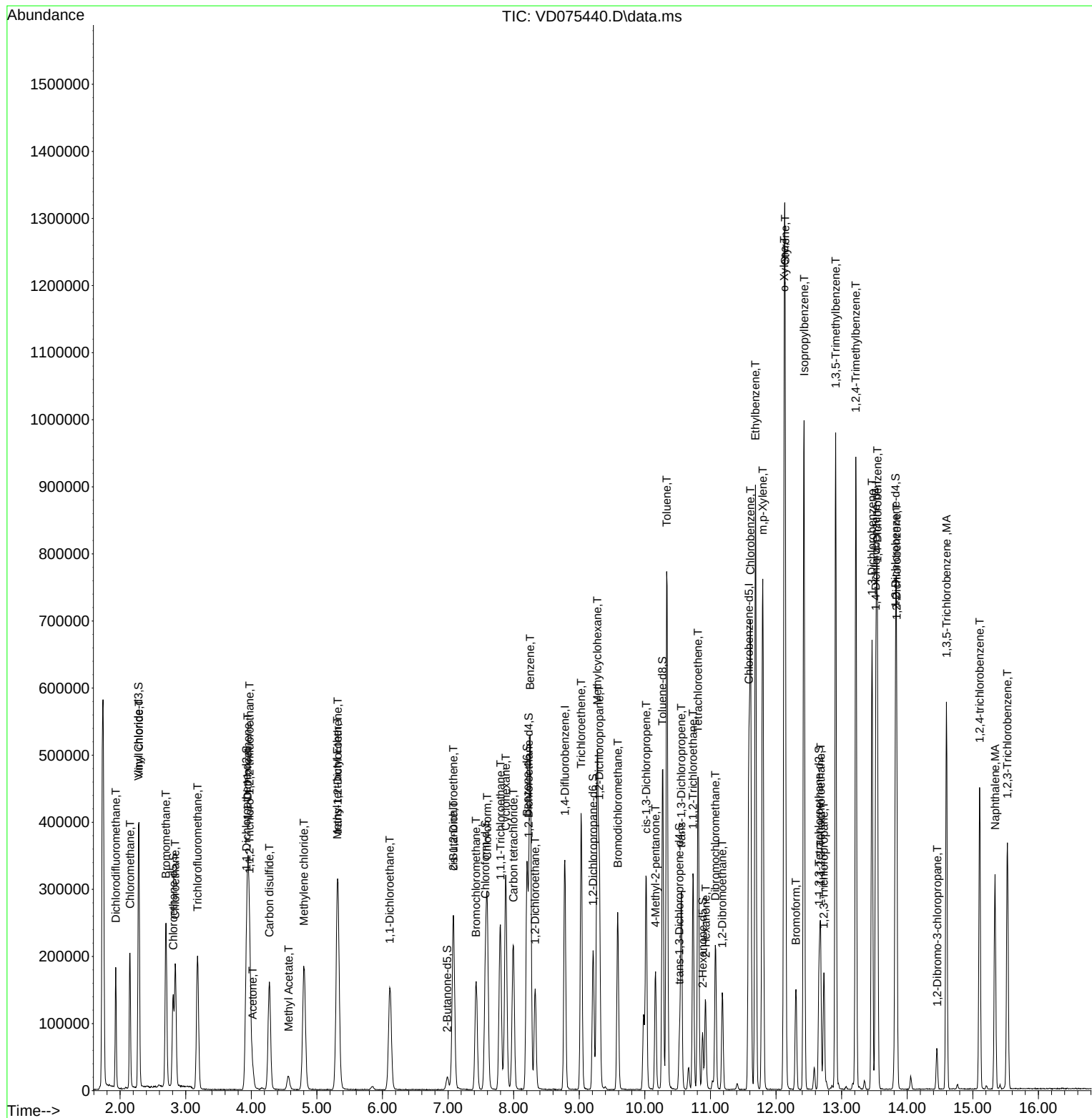
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	133855	25.080	ug/L	100
29) Cyclohexane	7.881	56	170913	26.628	ug/L	98
30) 1,1,1-Trichloroethane	7.798	97	207849	25.769	ug/L	99
31) Carbon tetrachloride	7.998	117	172500	26.927	ug/L	100
33) Benzene	8.251	78	556213	25.801	ug/L	100
34) Trichloroethene	9.028	95	145721	25.883	ug/L	97
35) Methylcyclohexane	9.275	83	233122	26.524	ug/L	99
37) 1,2-Dichloropropane	9.304	63	134558	25.401	ug/L	99
38) Bromodichloromethane	9.587	83	179890	25.671	ug/L	100
39) cis-1,3-Dichloropropene	10.022	75	210682	25.987	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	105159	51.764	ug/L	99
42) Toluene	10.334	91	625309	26.495	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	171733	25.711	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	112245	26.529	ug/L	99
46) Tetrachloroethene	10.810	164	110695	25.659	ug/L	95
48) 2-Hexanone	10.928	43	76975	51.499	ug/L	99
49) Dibromochloromethane	11.075	129	120534	26.079	ug/L	97
50) 1,2-Dibromoethane	11.181	107	99890	26.118	ug/L #	99
51) Chlorobenzene	11.610	112	397251	25.897	ug/L	99
52) Ethylbenzene	11.686	91	670839	26.729	ug/L	99
53) m,p-Xylene	11.798	106	266810	26.982	ug/L	98
54) o-Xylene	12.128	106	250855	26.818	ug/L	96
55) Styrene	12.139	104	449065	27.030	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.681	83	119033	25.705	ug/L	96
59) Bromoform	12.304	173	70389	25.708	ug/L	99
60) Isopropylbenzene	12.428	105	685435	26.859	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	74466	24.482	ug/L	96
62) 1,3,5-Trimethylbenzene	12.910	105	525510	27.431	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	516412	27.568	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	292414	25.902	ug/L	95
65) 1,4-Dichlorobenzene	13.545	146	298611	25.714	ug/L	98
67) 1,2-Dichlorobenzene	13.839	146	258594	25.708	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.457	75	15357	25.998	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	180001	25.426	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	148522	26.093	ug/L	99
71) Naphthalene	15.339	128	285630	25.301	ug/L	99
72) 1,2,3-Trichlorobenzene	15.527	180	128027	25.518	ug/L	97

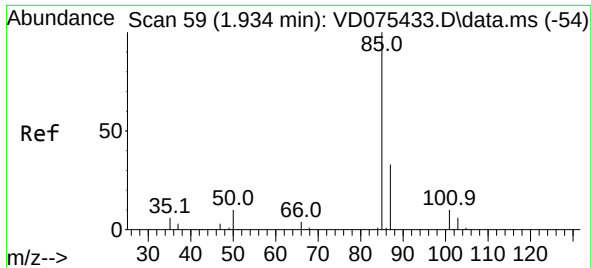
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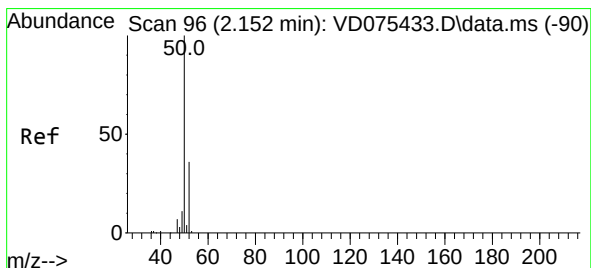
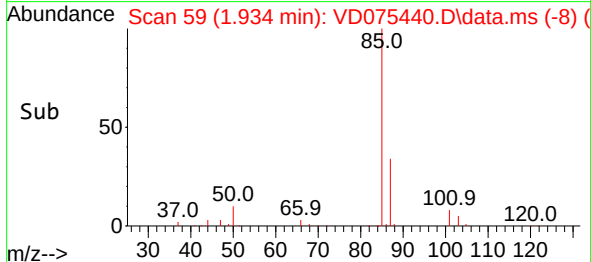
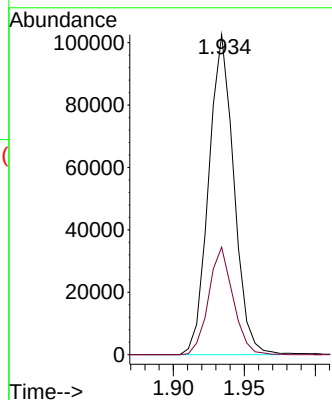
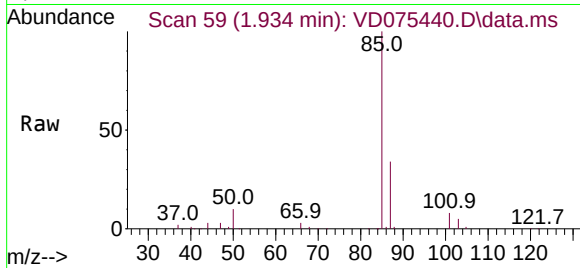




#2
 Dichlorodifluoromethane
 Concen: 24.354 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

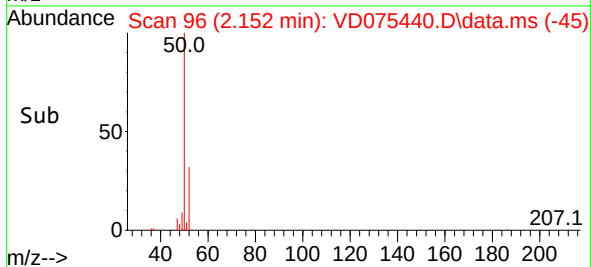
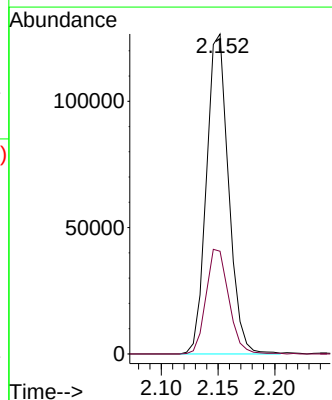
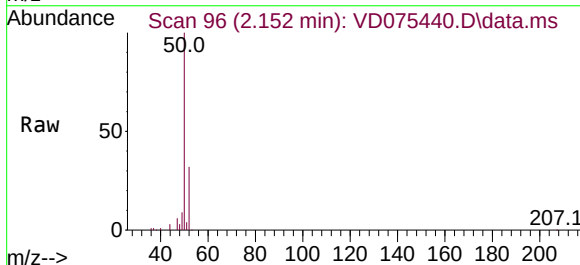
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

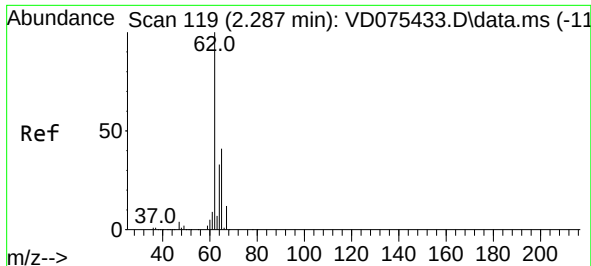
Tgt Ion: 85 Resp: 126574
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.4 39.6



#3
 Chloromethane
 Concen: 19.595 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

Tgt Ion: 50 Resp: 171267
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9

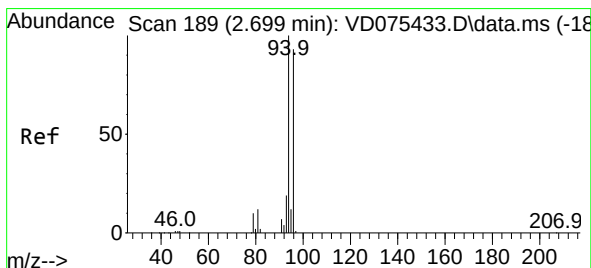
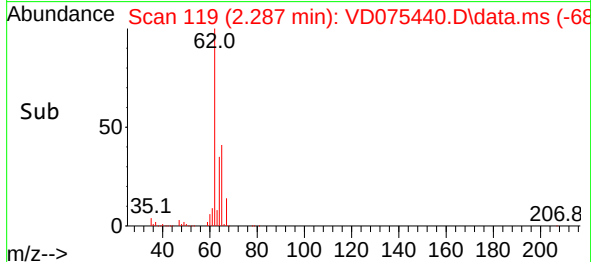
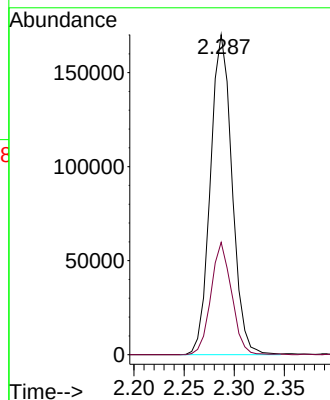
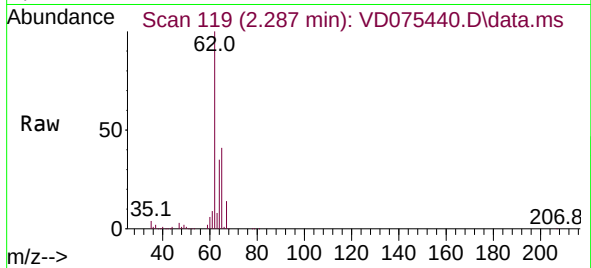




#5
 Vinyl chloride
 Concen: 23.321 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

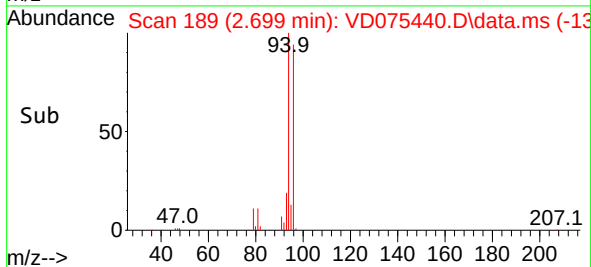
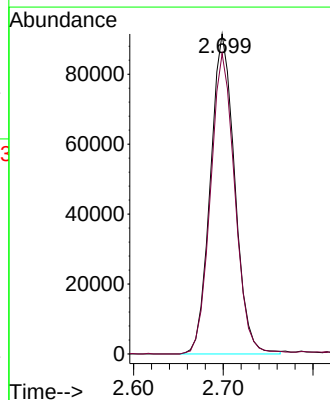
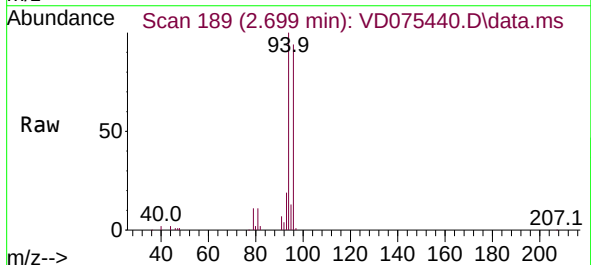
Instrument :
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 ClientSampleId :
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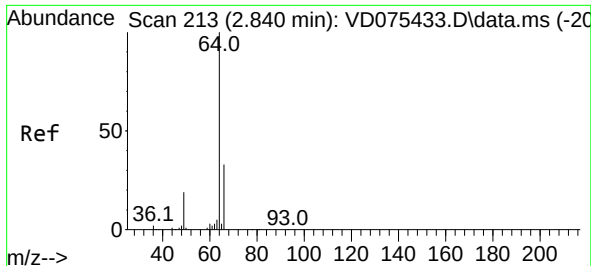
Tgt Ion: 62 Resp: 256342
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.7 42.3



#6
 Bromomethane
 Concen: 33.088 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

Tgt Ion: 94 Resp: 172372
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.9 122.5

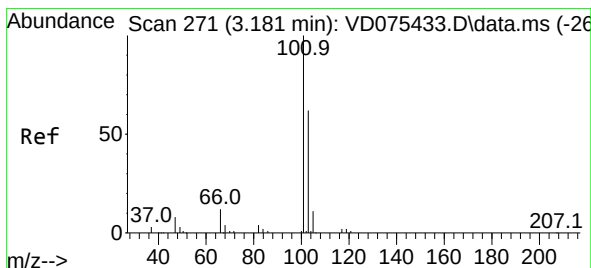
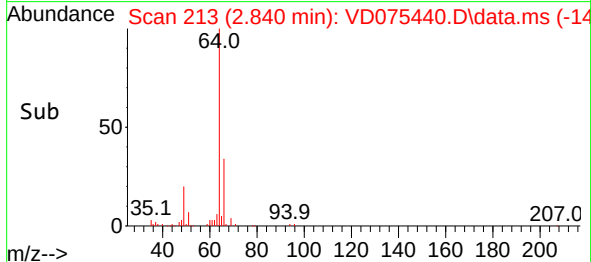
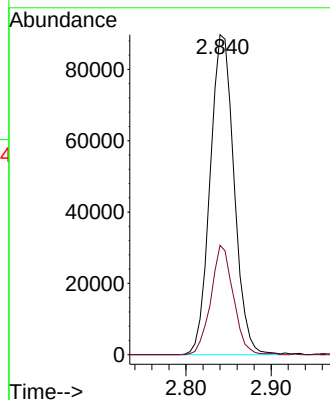
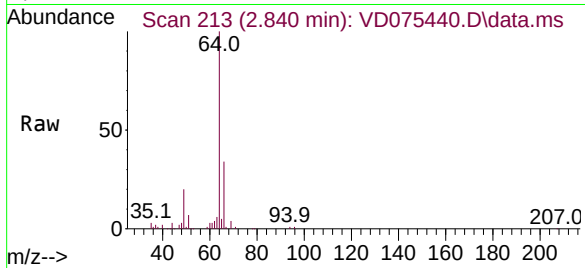




#8
Chloroethane
Concen: 25.454 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

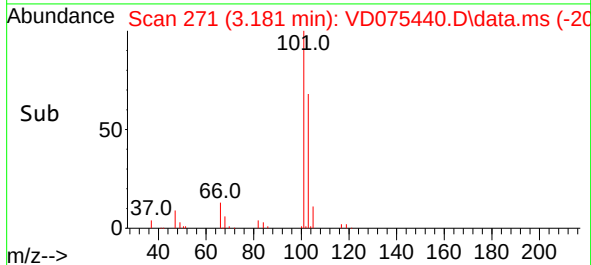
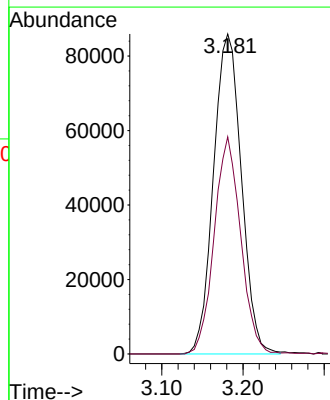
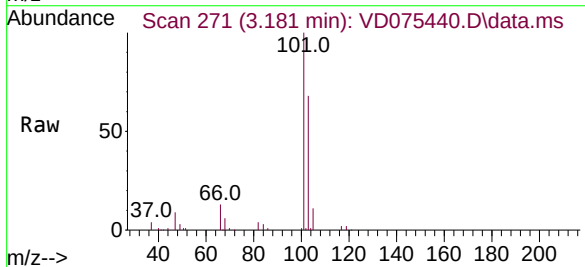
Instrument :
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ClientSampleId :
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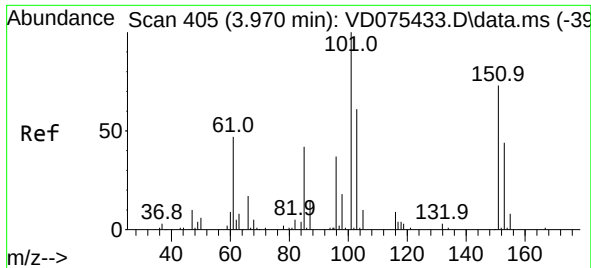
Tgt Ion: 64 Resp: 175941
Ion Ratio Lower Upper
64 100
66 34.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 24.957 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion:101 Resp: 205357
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

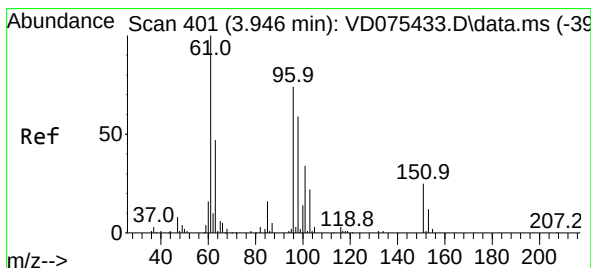
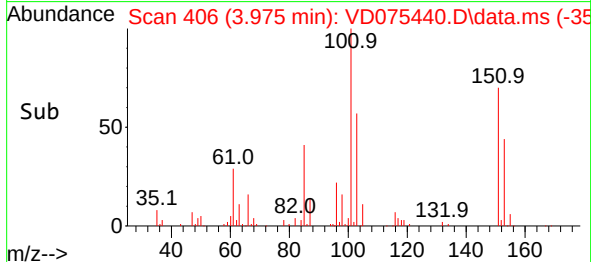
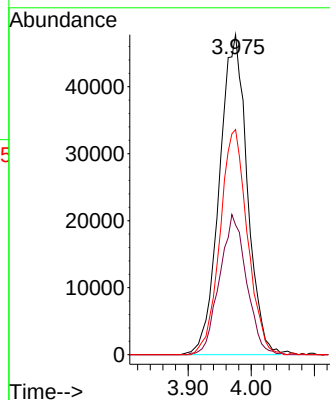
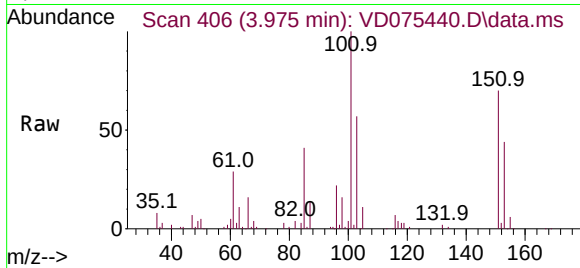




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.686 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

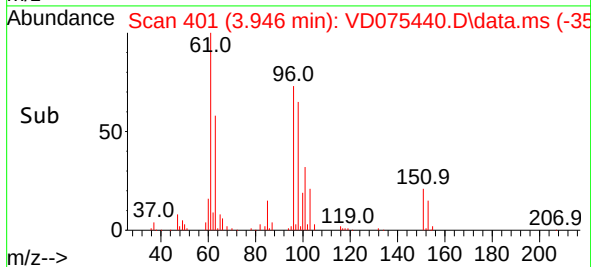
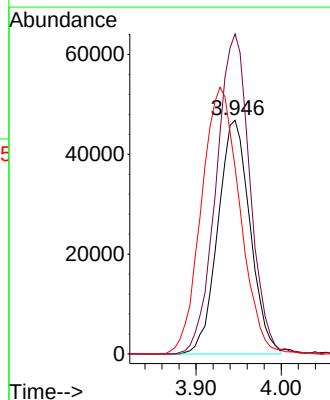
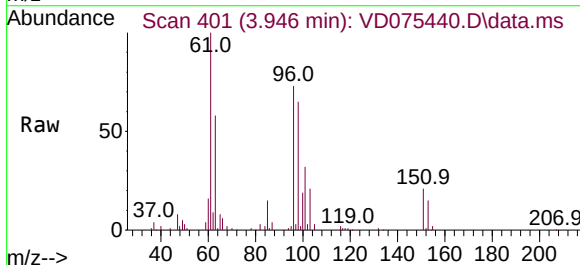
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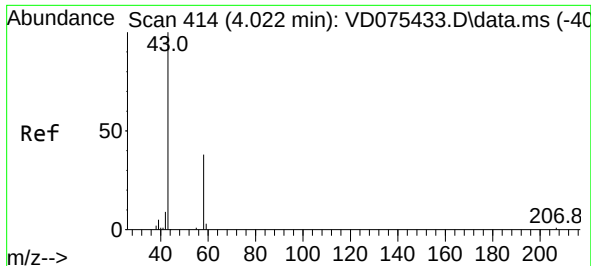
Tgt Ion:101 Resp: 146007
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.0 51.0
 151 69.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.510 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

Tgt Ion: 96 Resp: 122682
 Ion Ratio Lower Upper
 96 100
 61 137.0 97.5 181.1
 63 79.8 62.4 116.0





#13

Acetone

Concen: 49.349 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

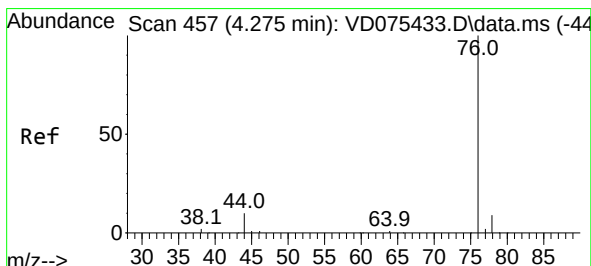
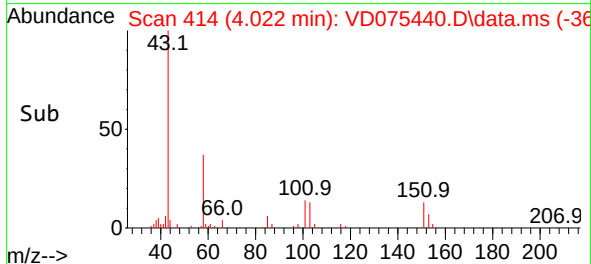
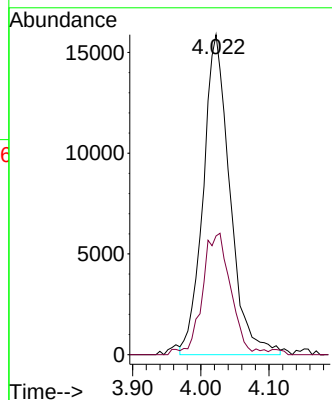
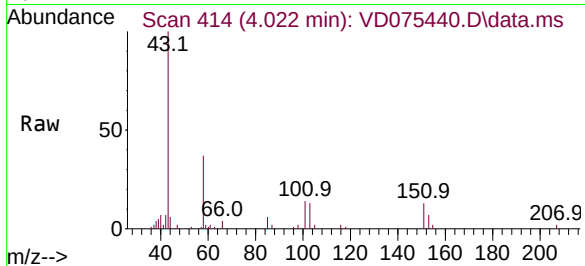
VSTD025103

Tgt Ion: 43 Resp: 43332

Ion Ratio Lower Upper

43 100

58 14.9 0.0 75.4



#14

Carbon disulfide

Concen: 24.569 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD075440.D

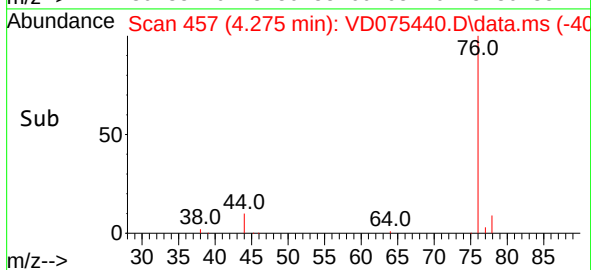
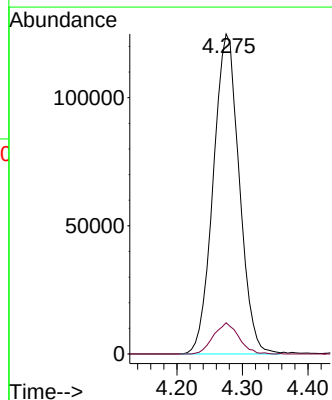
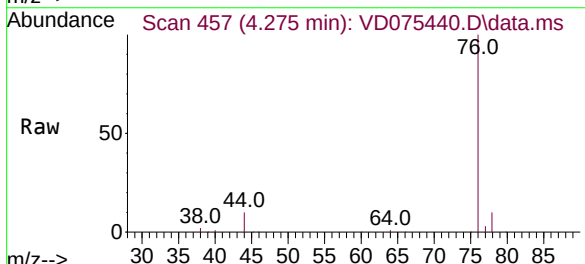
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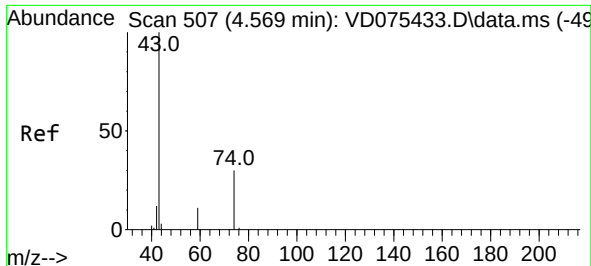
Tgt Ion: 76 Resp: 343873

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2

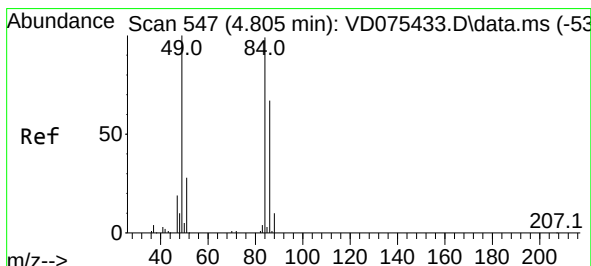
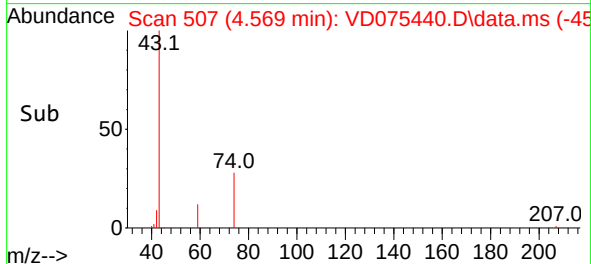
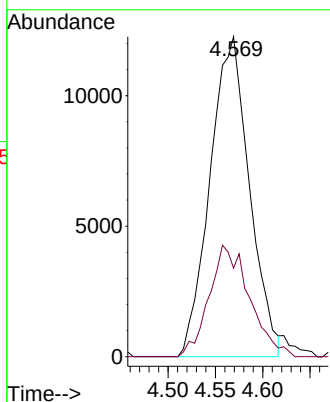
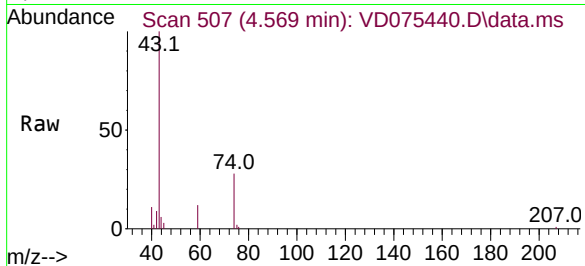




#15
Methyl Acetate
Concen: 23.807 ug/L
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

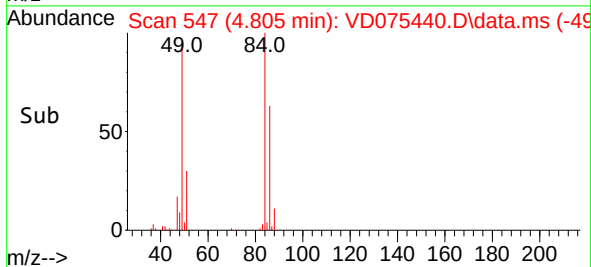
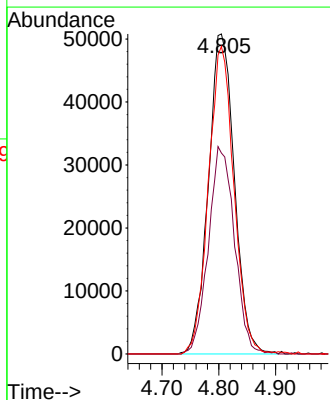
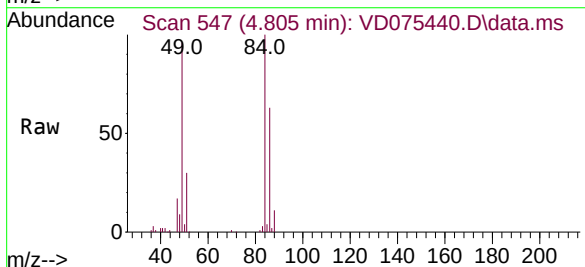
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

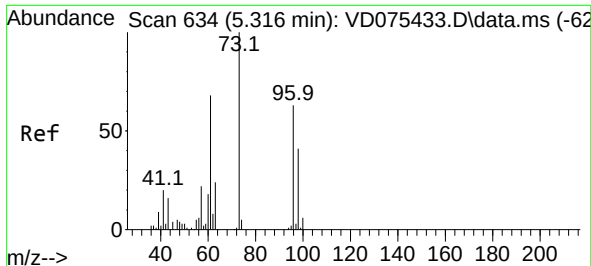
Tgt Ion: 43 Resp: 35475
Ion Ratio Lower Upper
43 100
74 21.8 25.7 38.5#



#16
Methylene chloride
Concen: 22.684 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion: 84 Resp: 161843
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.2
49 96.1 63.6 118.2

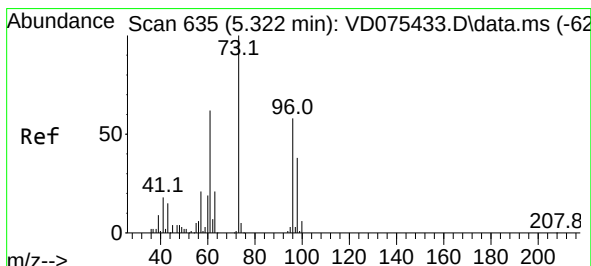
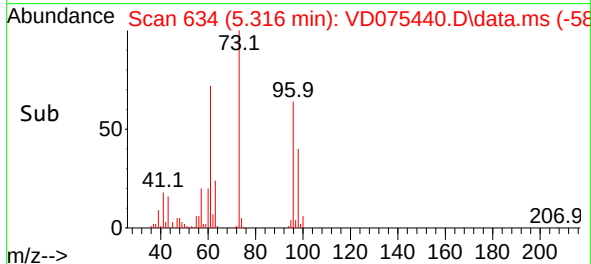
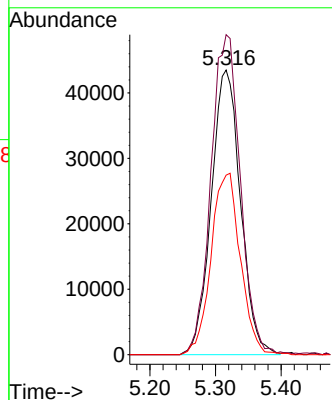
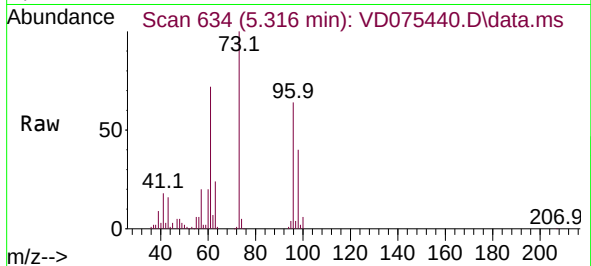




#17
trans-1,2-Dichloroethene
Concen: 25.147 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

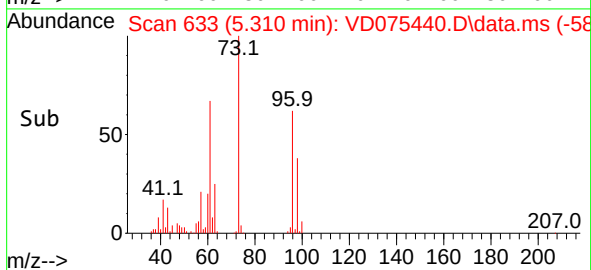
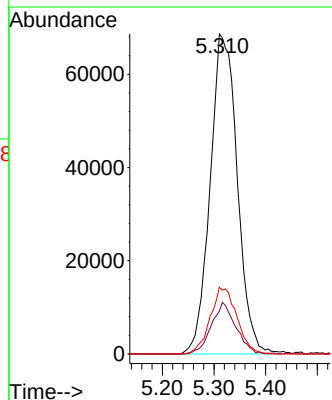
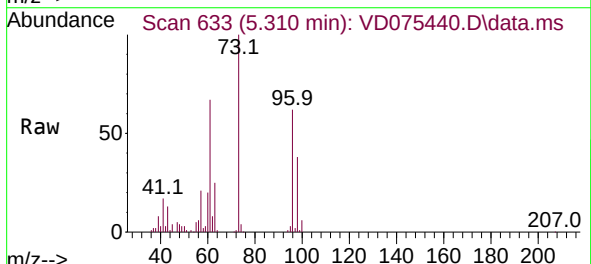
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

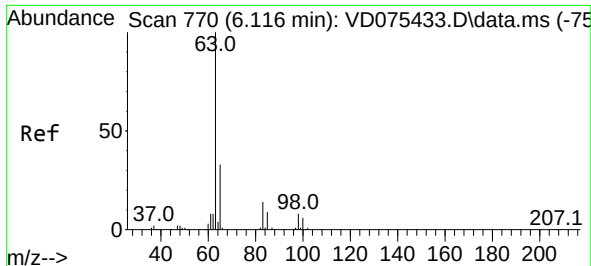
Tgt Ion: 96 Resp: 134924
Ion Ratio Lower Upper
96 100
61 112.4 77.8 144.6
98 63.1 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 25.135 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion: 73 Resp: 250628
Ion Ratio Lower Upper
73 100
43 14.4 12.1 18.1
57 20.3 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.315 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

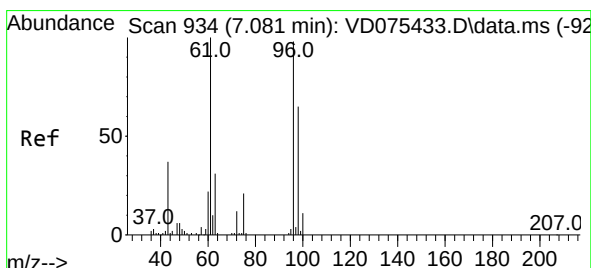
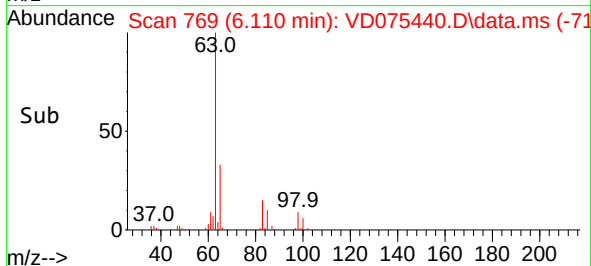
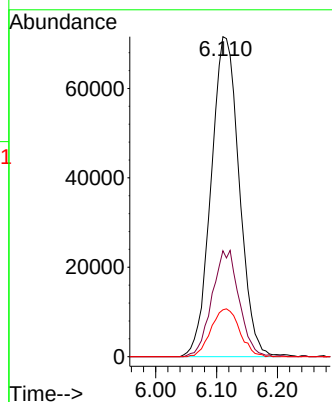
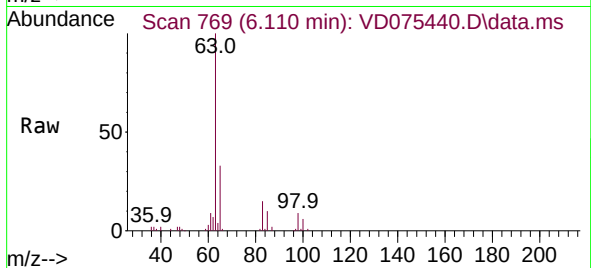
Tgt Ion: 63 Resp: 229776

Ion Ratio Lower Upper

63 100

65 33.1 21.1 39.3

83 14.6 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.019 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

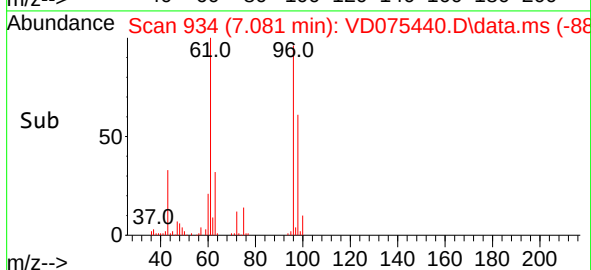
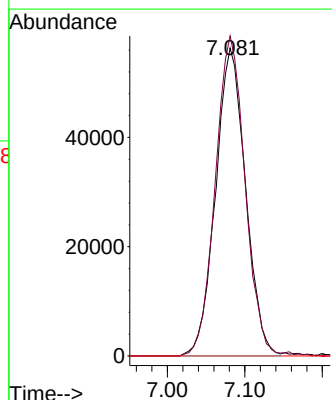
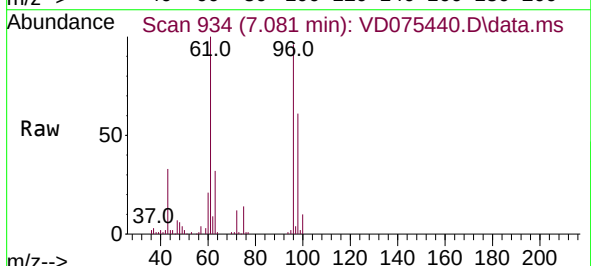
Tgt Ion: 96 Resp: 151643

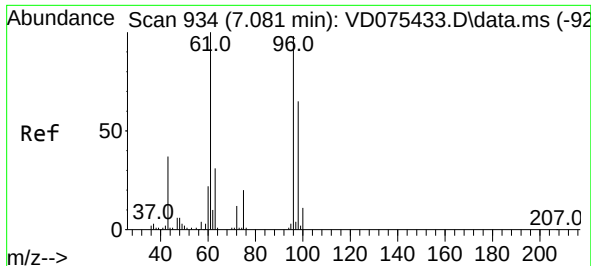
Ion Ratio Lower Upper

96 100

61 103.9 73.9 137.3

68 0.0 0.0 0.0

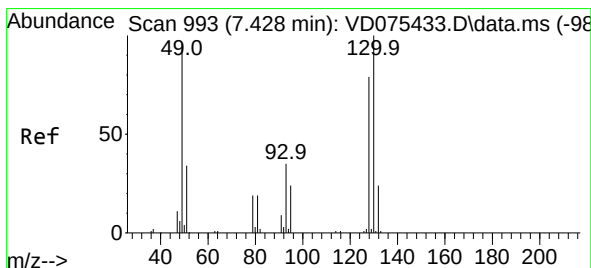
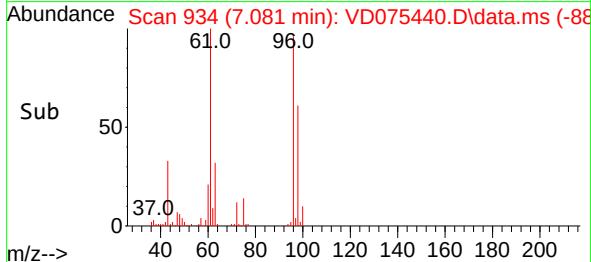
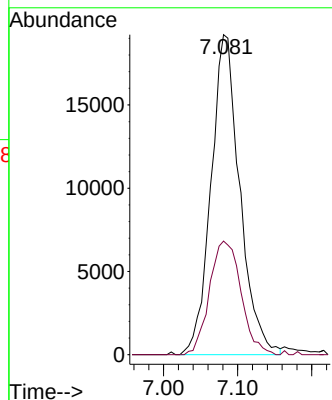
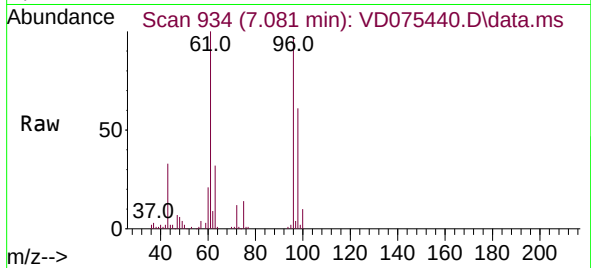




#22
2-Butanone
Concen: 46.543 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

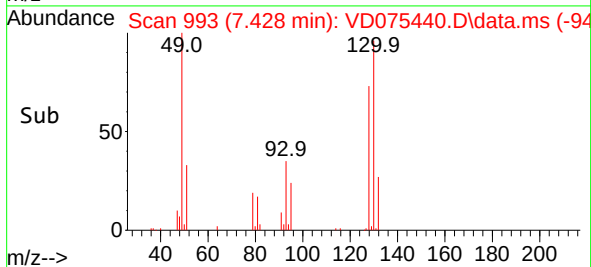
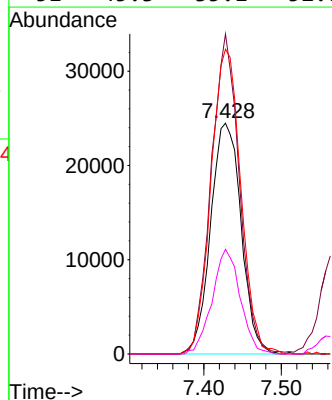
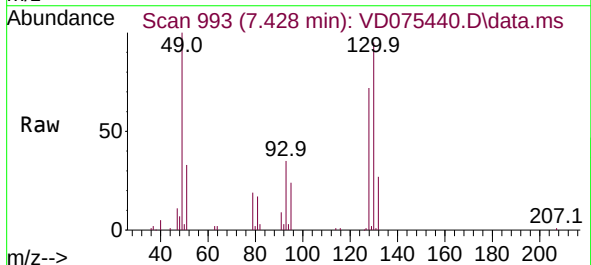
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

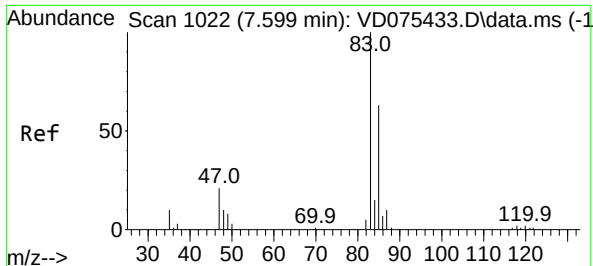
Tgt Ion: 43 Resp: 51860
Ion Ratio Lower Upper
43 100
72 38.8 18.3 54.9



#23
Bromochloromethane
Concen: 25.739 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion:128 Resp: 66836
Ion Ratio Lower Upper
128 100
49 138.6 84.2 156.4
130 132.0 82.5 153.1
51 45.3 35.1 52.7





#25

Chloroform

Concen: 25.320 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

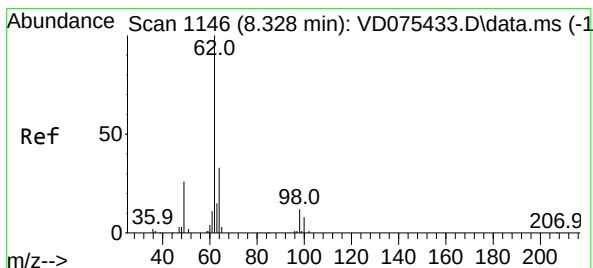
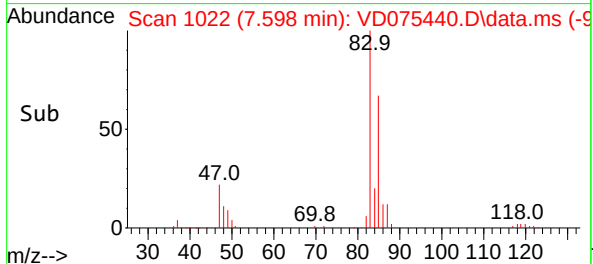
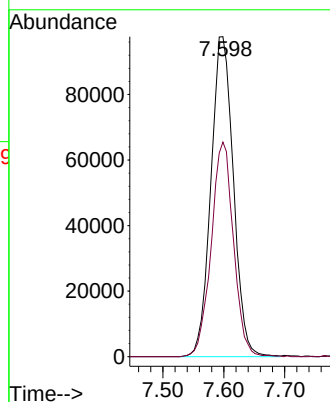
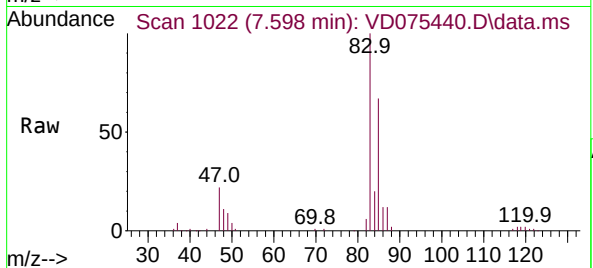
VSTD025103

Tgt Ion: 83 Resp: 250594

Ion Ratio Lower Upper

83 100

85 67.1 44.9 83.3



#27

1,2-Dichloroethane

Concen: 25.080 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD075440.D

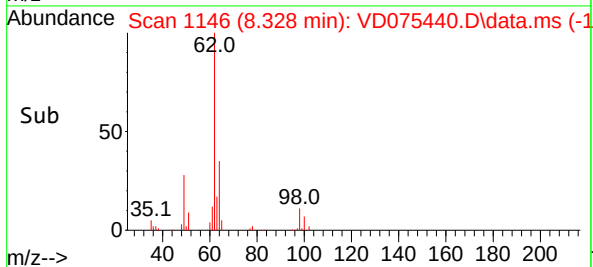
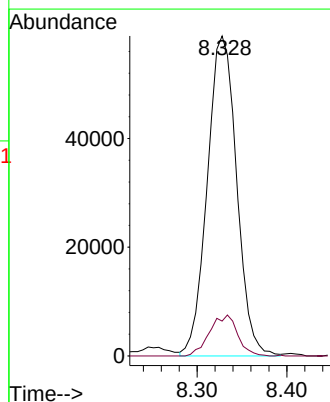
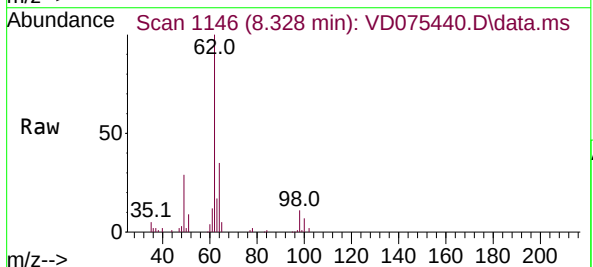
Acq: 02 Mar 2023 13:44

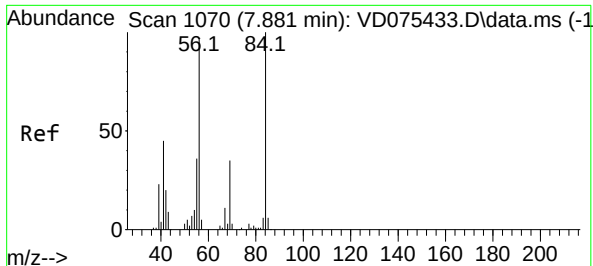
Tgt Ion: 62 Resp: 133855

Ion Ratio Lower Upper

62 100

98 10.9 8.8 13.2





#29

Cyclohexane

Concen: 26.628 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

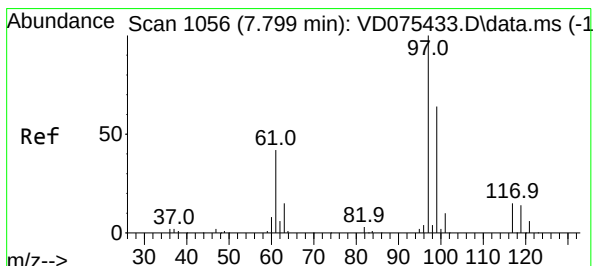
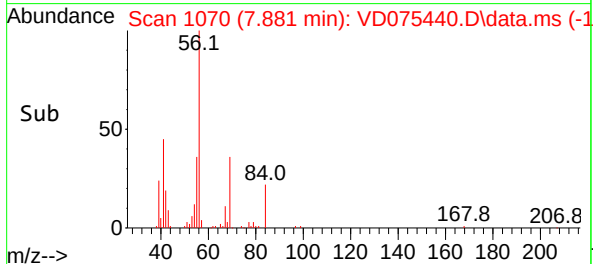
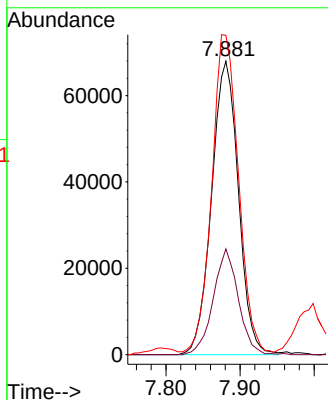
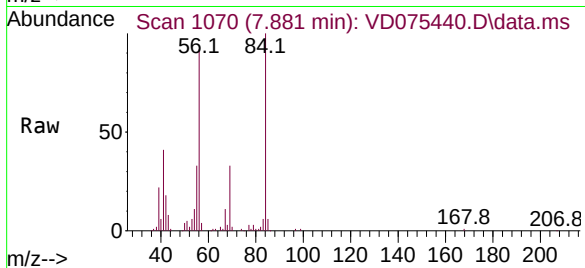
Tgt Ion: 56 Resp: 170913

Ion Ratio Lower Upper

56 100

69 33.4 27.0 40.6

84 109.5 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 25.769 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

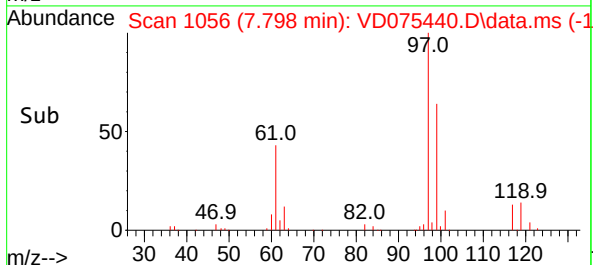
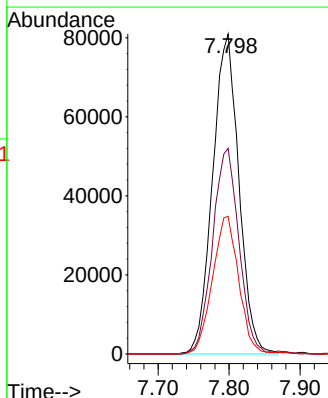
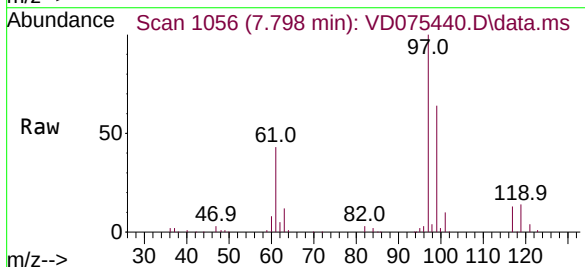
Tgt Ion: 97 Resp: 207849

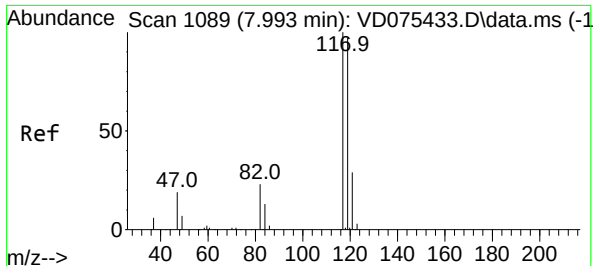
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 42.8 34.0 51.0

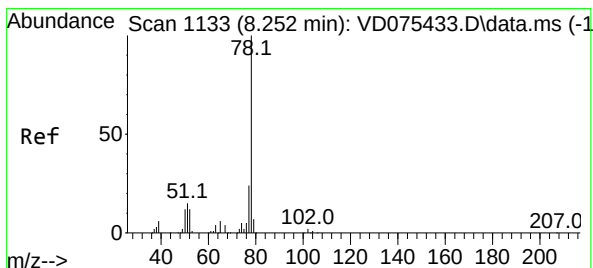
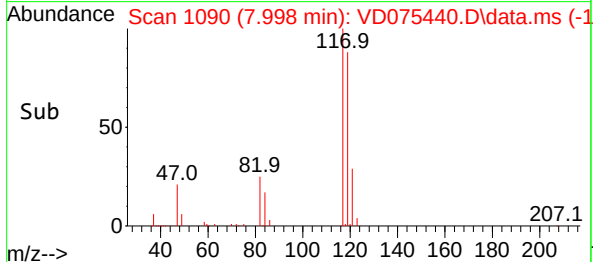
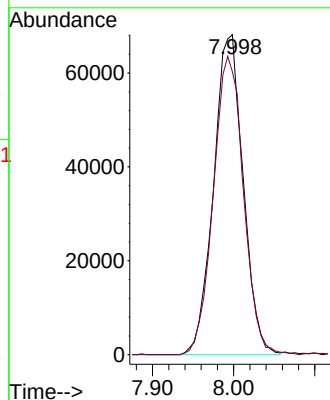
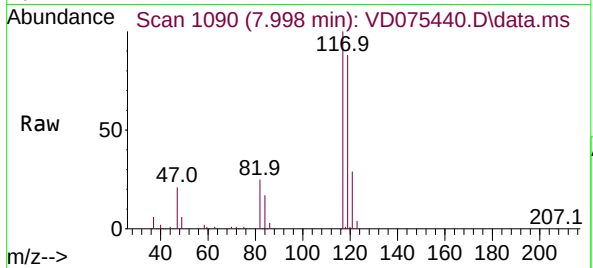




#31
Carbon tetrachloride
Concen: 26.927 ug/L
RT: 7.998 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

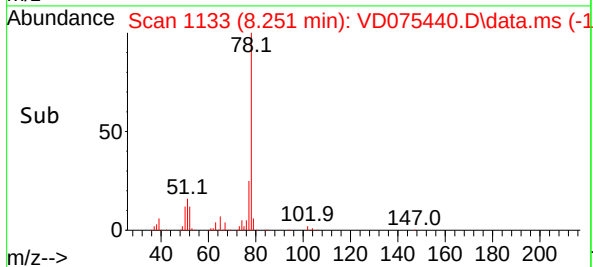
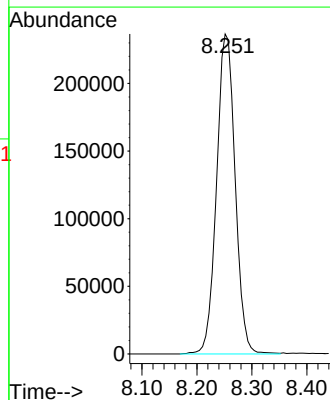
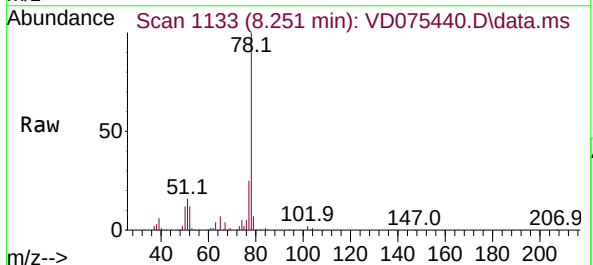
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

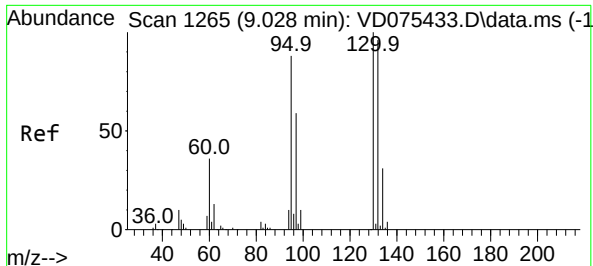
Tgt Ion:117 Resp: 172500
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.2



#33
Benzene
Concen: 25.801 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion: 78 Resp: 556213





#34

Trichloroethene

Concen: 25.883 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

Tgt Ion: 95 Resp: 145721

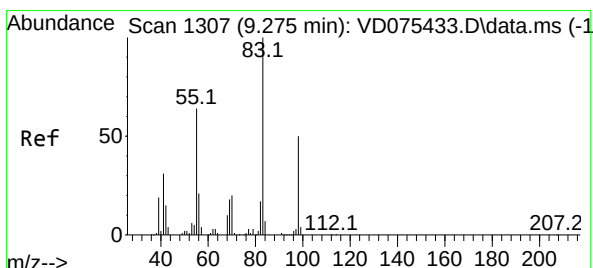
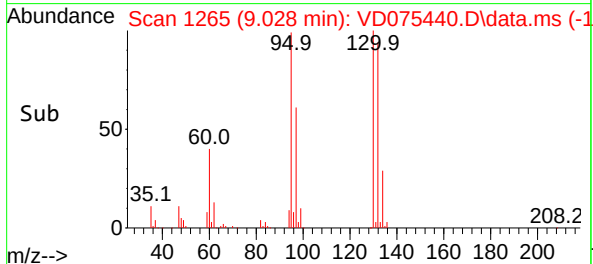
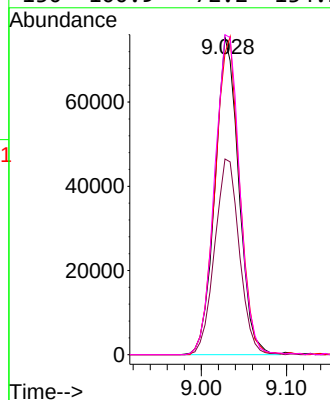
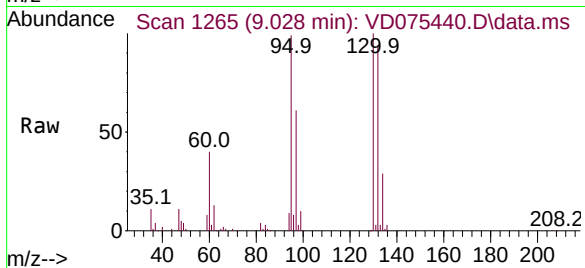
Ion Ratio Lower Upper

95 100

97 61.7 44.7 83.1

132 95.0 70.0 130.0

130 100.9 72.2 134.2



#35

Methylcyclohexane

Concen: 26.524 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

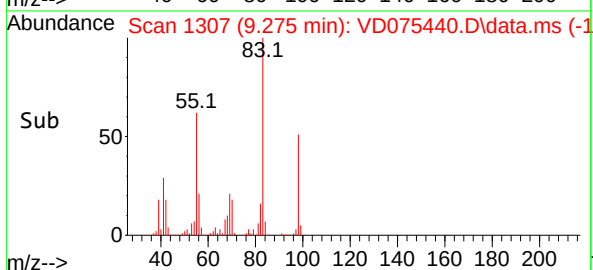
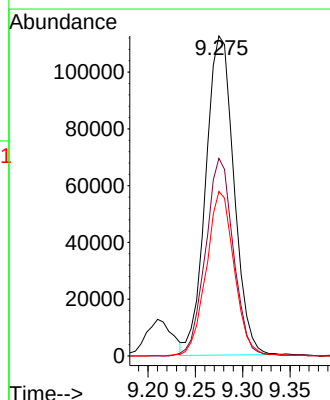
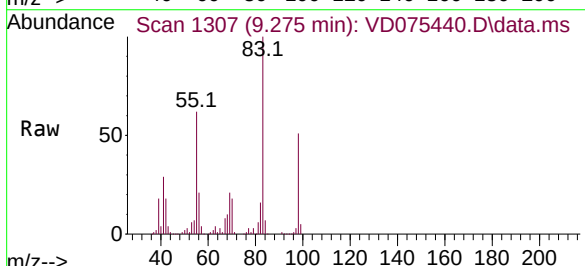
Tgt Ion: 83 Resp: 233122

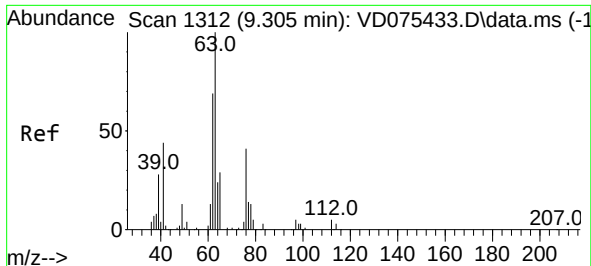
Ion Ratio Lower Upper

83 100

55 61.0 49.3 73.9

98 50.9 39.8 59.6





#37

1,2-Dichloropropane

Concen: 25.401 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

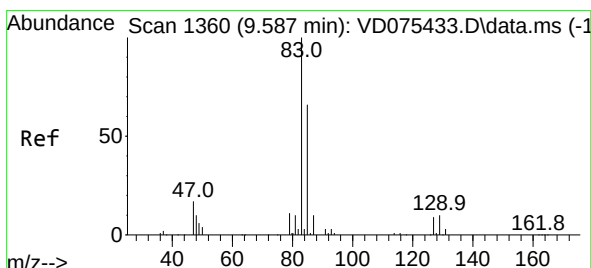
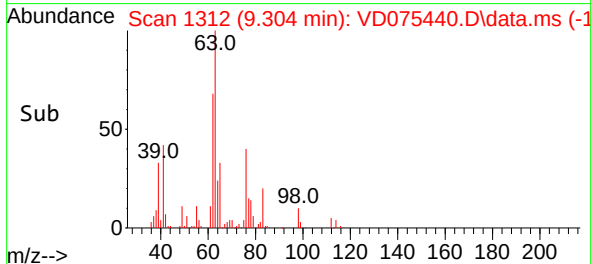
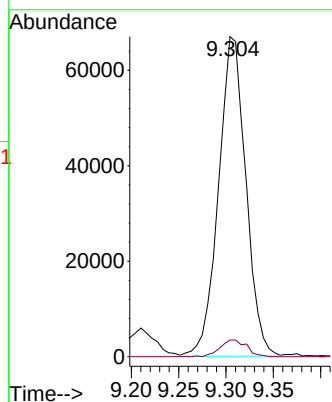
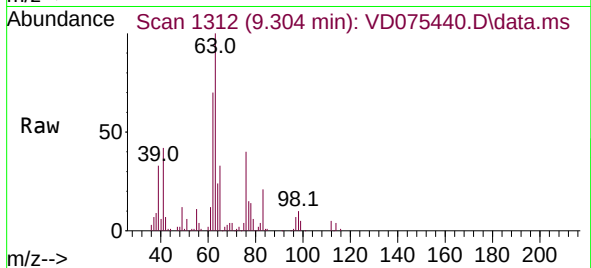
VSTD025103

Tgt Ion: 63 Resp: 134558

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 25.671 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

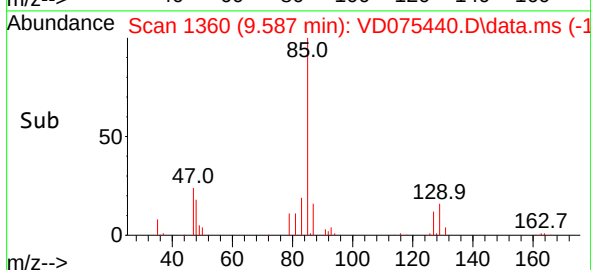
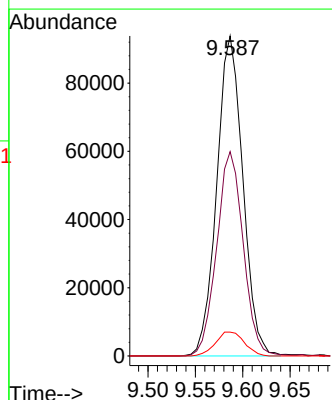
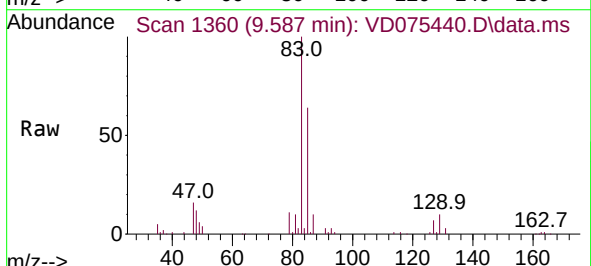
Tgt Ion: 83 Resp: 179890

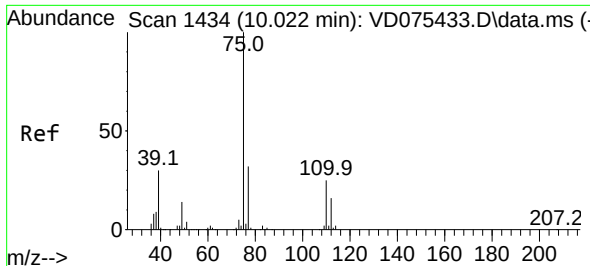
Ion Ratio Lower Upper

83 100

85 63.9 44.6 82.8

127 7.4 6.6 9.8

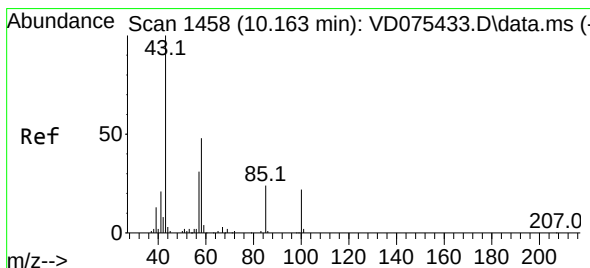
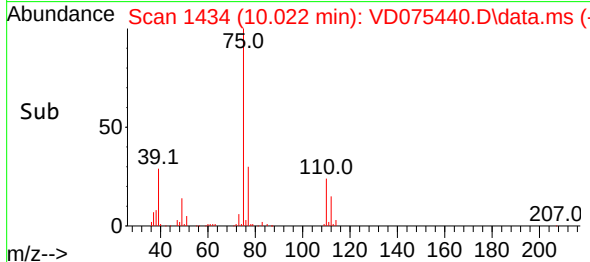
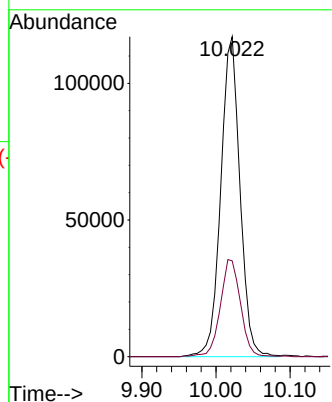
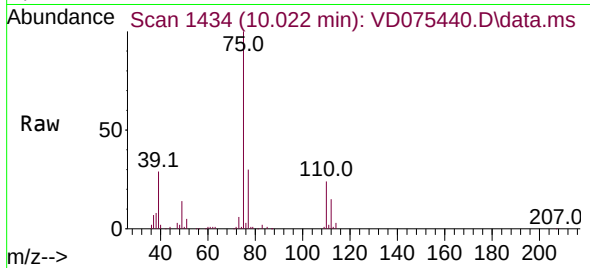




#39
cis-1,3-Dichloropropene
Concen: 25.987 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

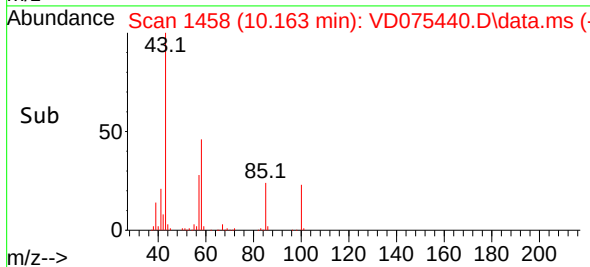
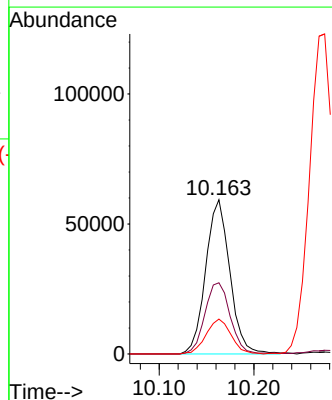
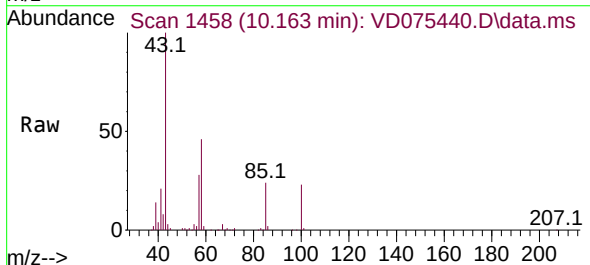
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

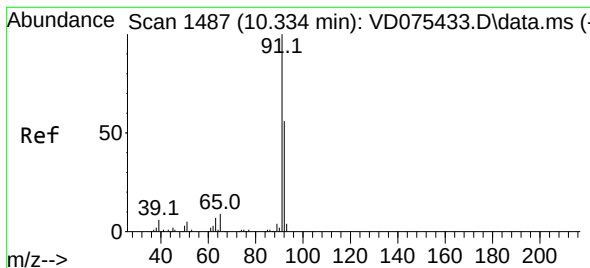
Tgt Ion: 75 Resp: 210682
Ion Ratio Lower Upper
75 100
77 29.9 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 51.764 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion: 43 Resp: 105159
Ion Ratio Lower Upper
43 100
58 48.3 39.0 58.6
100 23.3 18.7 28.1





#42

Toluene

Concen: 26.495 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

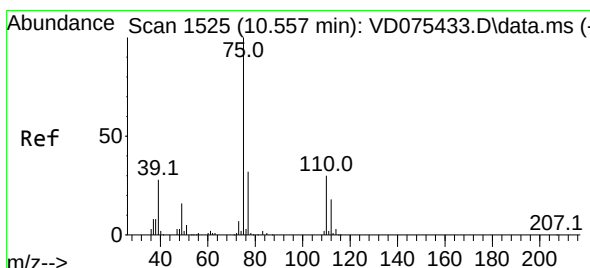
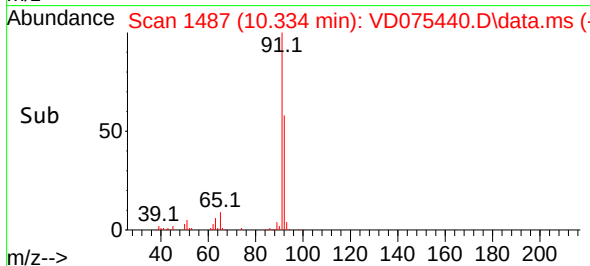
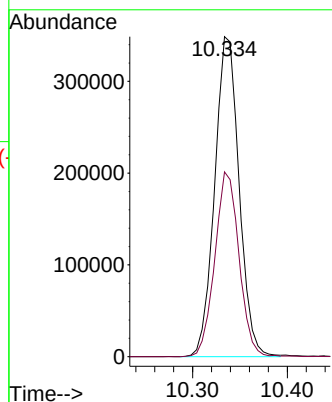
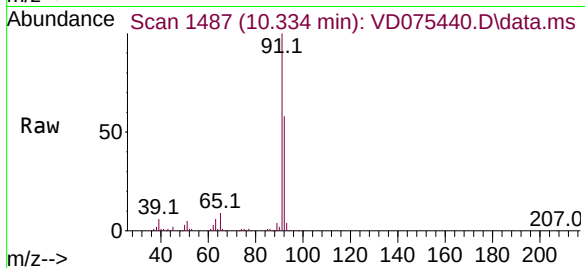
VSTD025103

Tgt Ion: 91 Resp: 625309

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 25.711 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075440.D

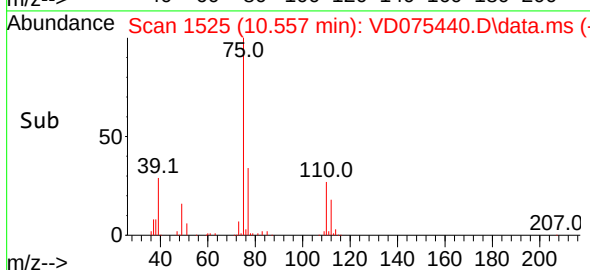
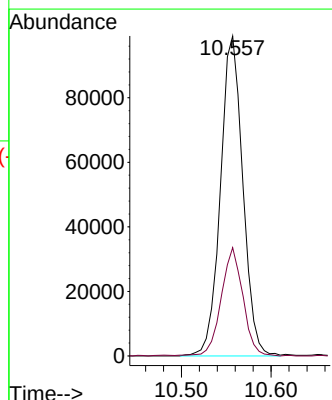
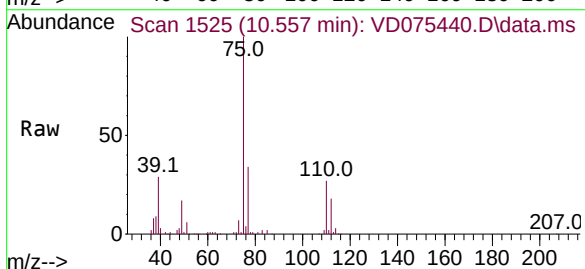
Acq: 02 Mar 2023 13:44

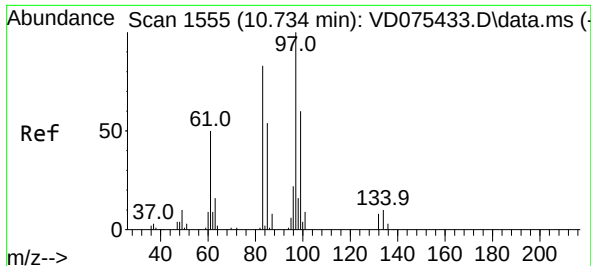
Tgt Ion: 75 Resp: 171733

Ion Ratio Lower Upper

75 100

77 33.9 22.4 41.6

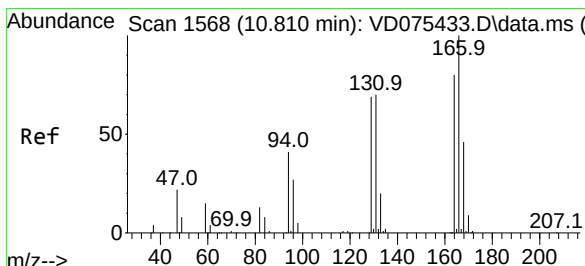
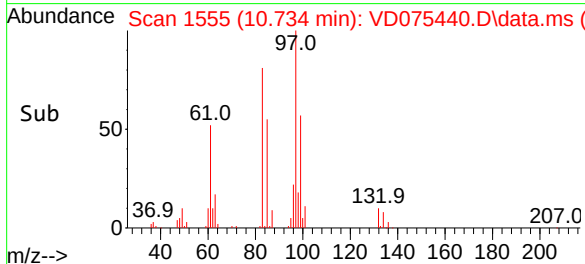
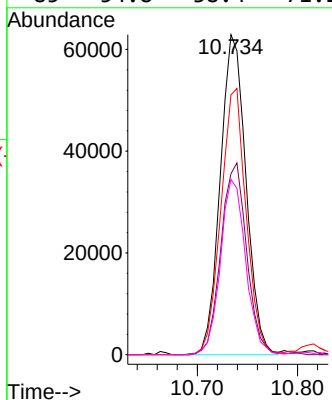
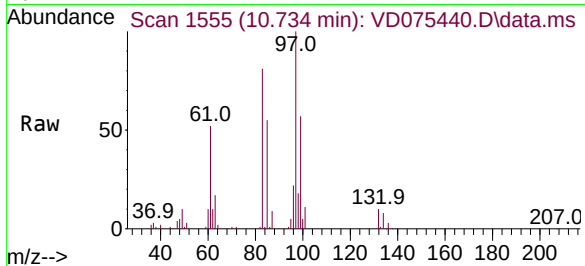




#45
1,1,2-Trichloroethane
Concen: 26.529 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

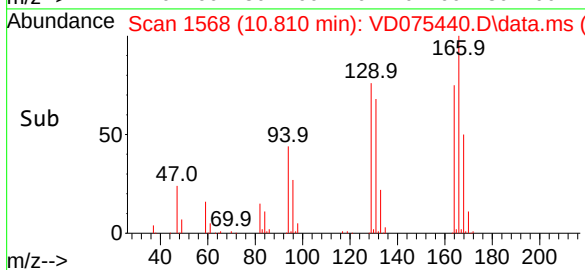
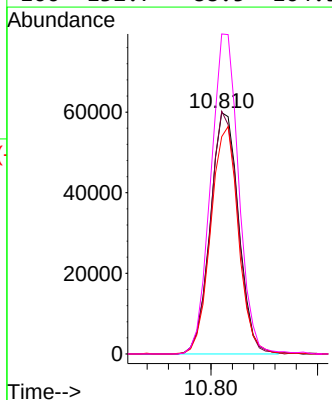
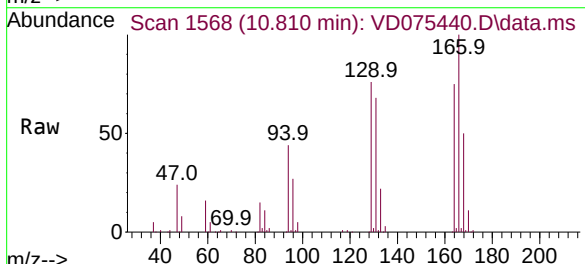
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

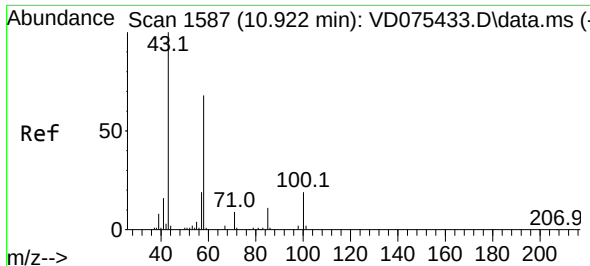
Tgt Ion:	97	Resp:	112245
Ion	Ratio	Lower	Upper
97	100		
99	56.5	40.9	76.0
83	81.2	57.7	107.1
85	54.8	38.4	71.2



#46
Tetrachloroethene
Concen: 25.659 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion:	164	Resp:	110695
Ion	Ratio	Lower	Upper
164	100		
129	100.6	65.4	121.4
131	90.1	64.1	119.1
166	132.7	88.5	164.3

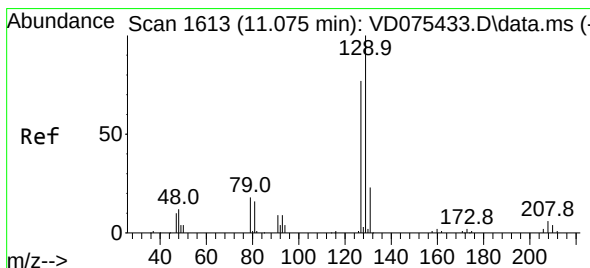
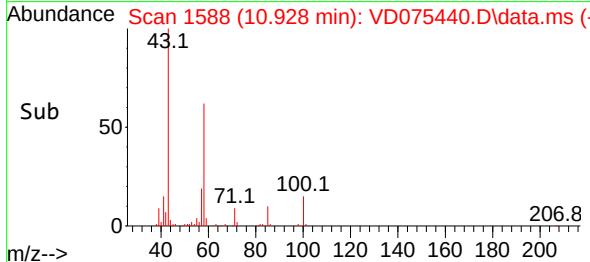
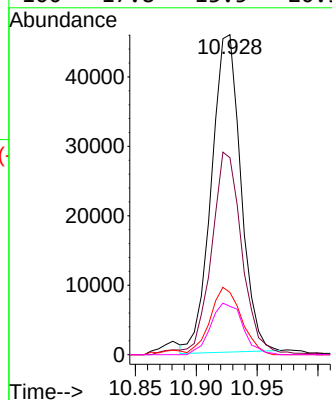
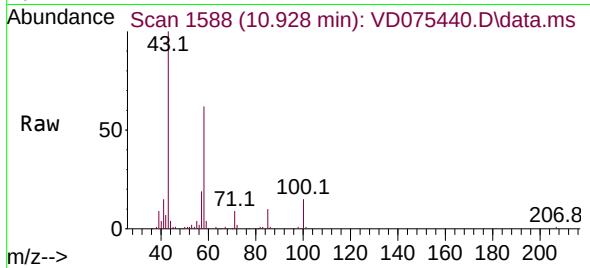




#48
2-Hexanone
Concen: 51.499 ug/L
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

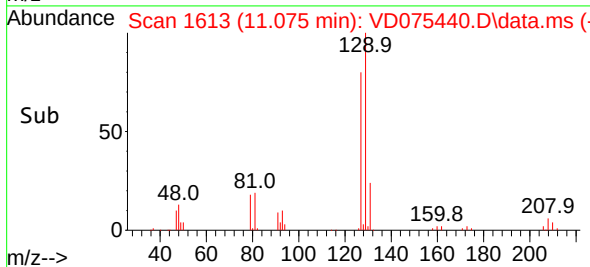
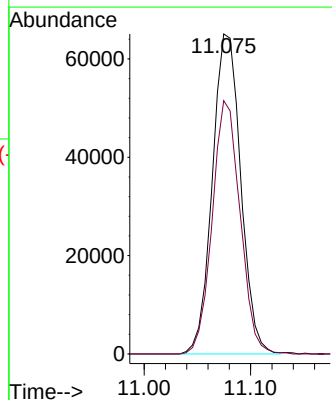
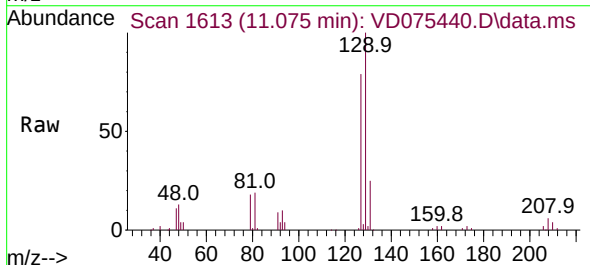
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

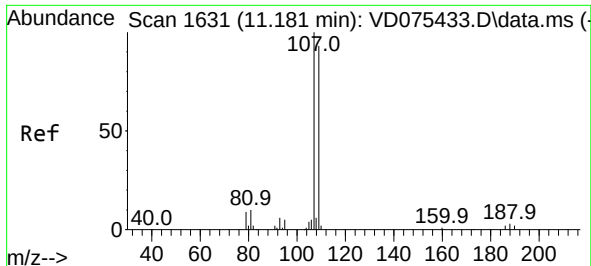
Tgt Ion: 43	Resp: 76975
Ion Ratio	Lower Upper
43 100	
58 66.7	53.1 79.7
57 22.4	16.7 25.1
100 17.8	13.5 20.3



#49
Dibromochloromethane
Concen: 26.079 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion: 129	Resp: 120534
Ion Ratio	Lower Upper
129 100	
127 79.1	53.7 99.7

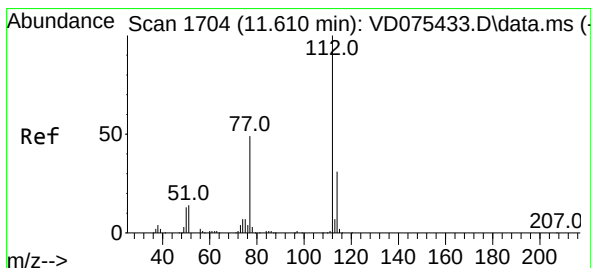
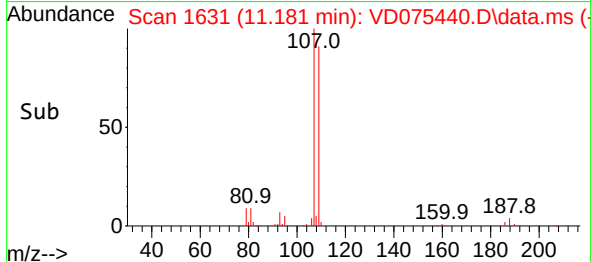
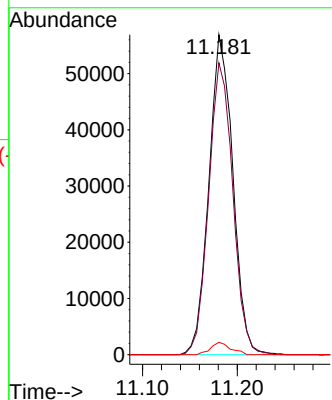
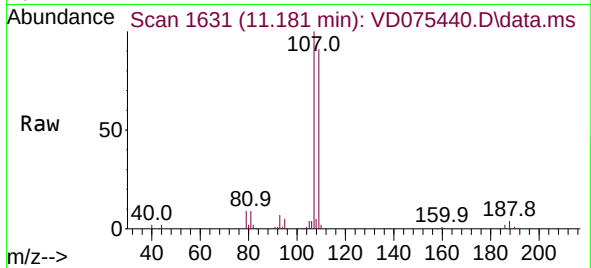




#50
1,2-Dibromoethane
Concen: 26.118 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

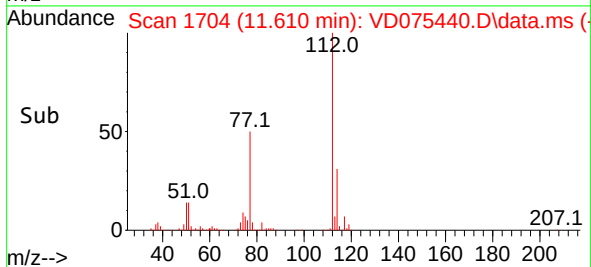
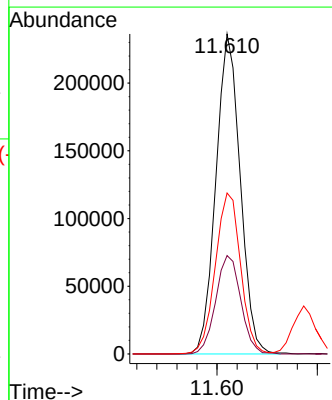
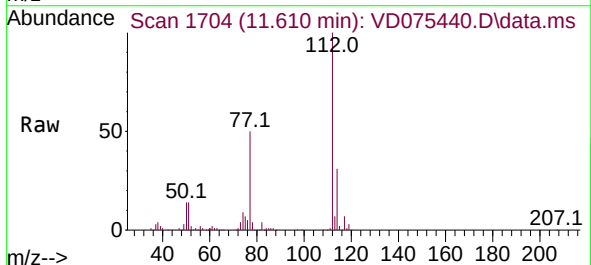
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

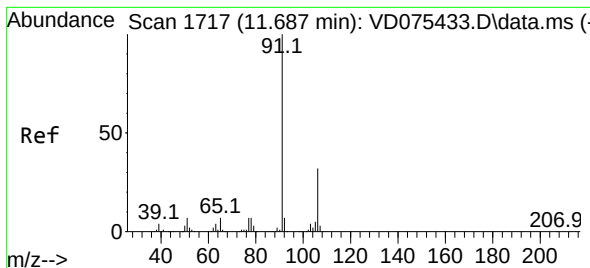
Tgt Ion:107 Resp: 99890
Ion Ratio Lower Upper
107 100
109 91.2 64.2 119.2
188 3.8 2.3 3.5#



#51
Chlorobenzene
Concen: 25.897 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion:112 Resp: 397251
Ion Ratio Lower Upper
112 100
114 30.8 22.3 41.3
77 50.3 40.2 60.2

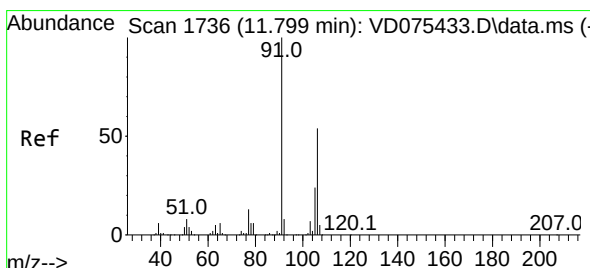
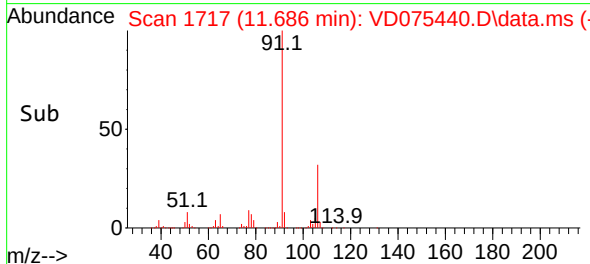
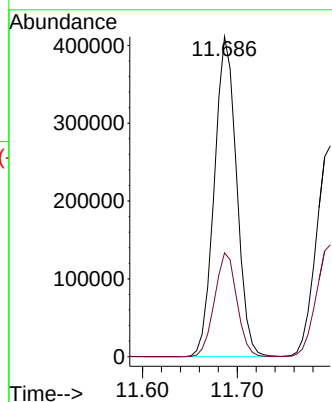
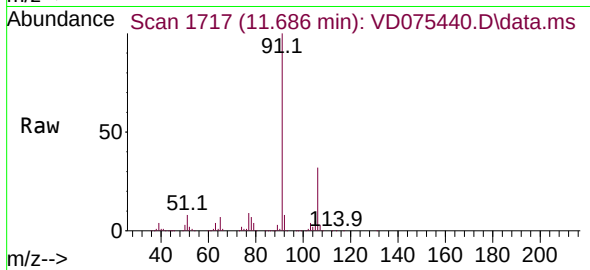




#52
Ethylbenzene
Concen: 26.729 ug/L
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

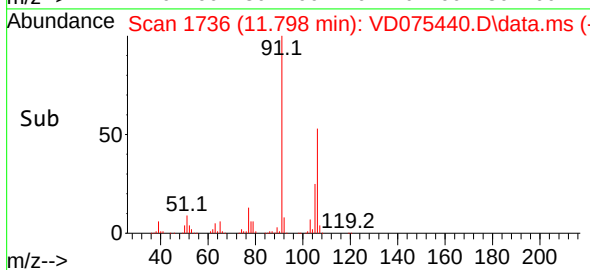
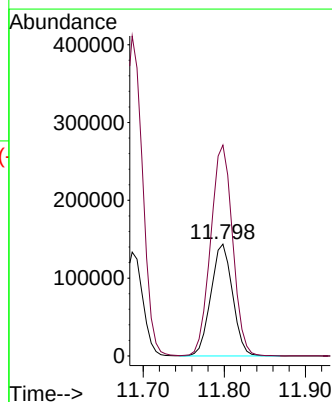
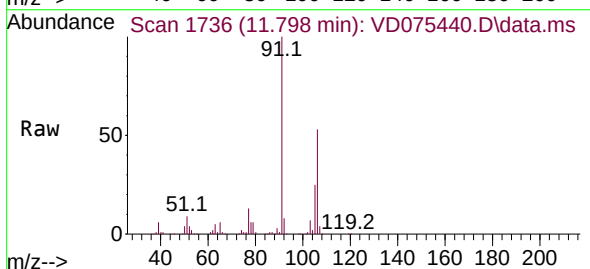
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

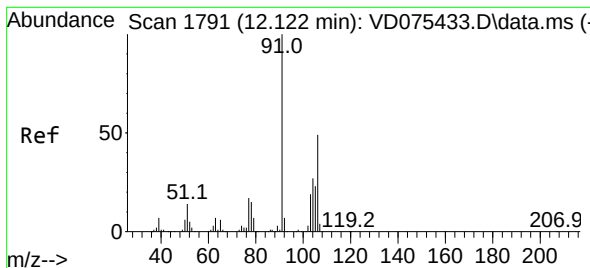
Tgt Ion: 91 Resp: 670839
Ion Ratio Lower Upper
91 100
106 32.5 23.1 42.9



#53
m,p-Xylene
Concen: 26.982 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion: 106 Resp: 266810
Ion Ratio Lower Upper
106 100
91 188.6 134.1 249.1





#54

o-Xylene

Concen: 26.818 ug/L

RT: 12.128 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

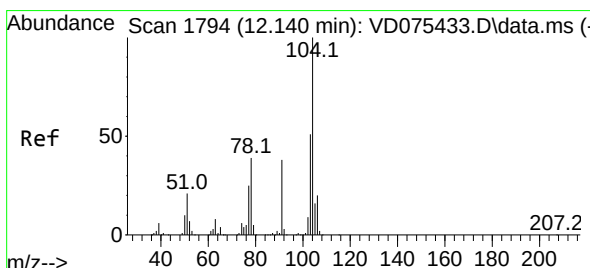
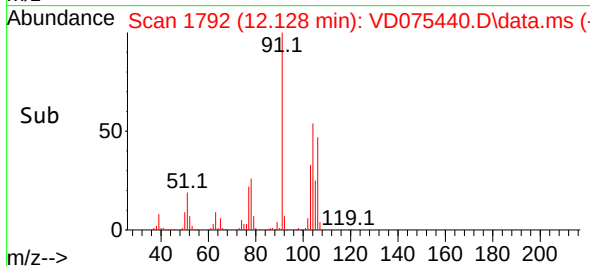
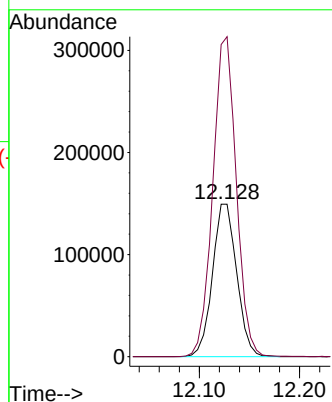
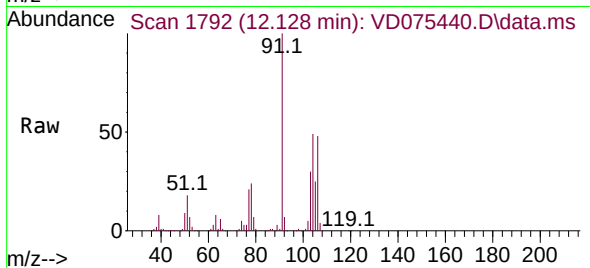
VSTD025103

Tgt Ion:106 Resp: 250855

Ion Ratio Lower Upper

106 100

91 209.8 142.3 264.3



#55

Styrene

Concen: 27.030 ug/L

RT: 12.139 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075440.D

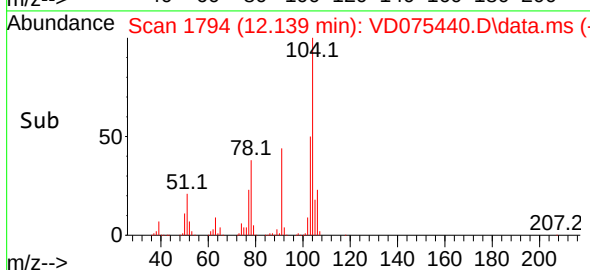
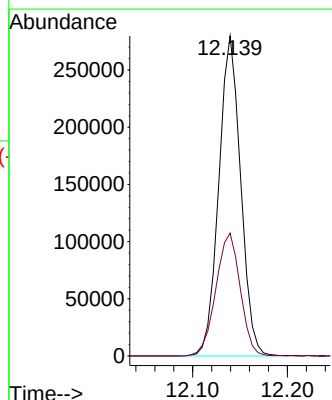
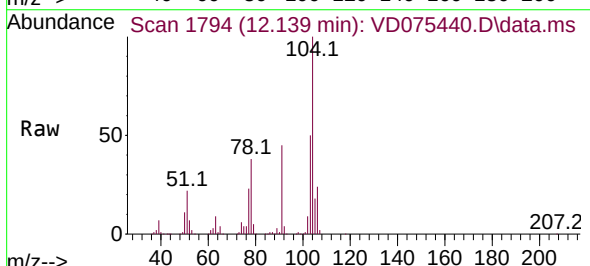
Acq: 02 Mar 2023 13:44

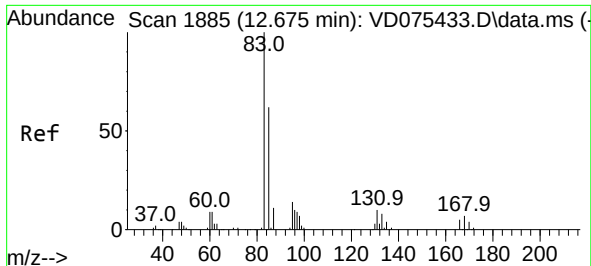
Tgt Ion:104 Resp: 449065

Ion Ratio Lower Upper

104 100

78 38.4 26.0 48.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.705 ug/L

RT: 12.681 min Scan# 1886

Delta R.T. 0.006 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

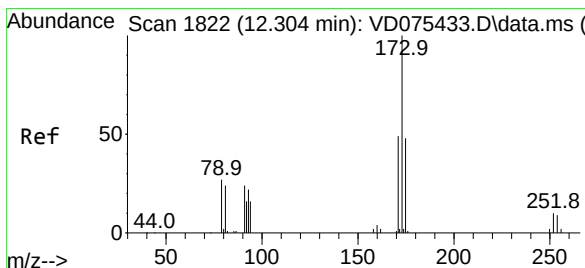
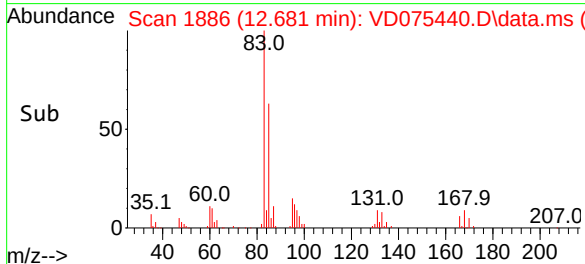
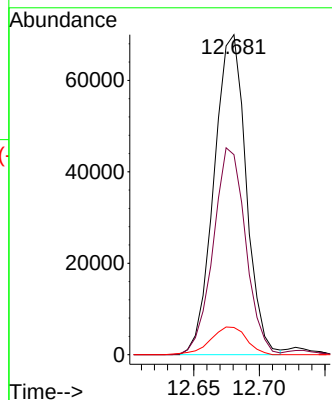
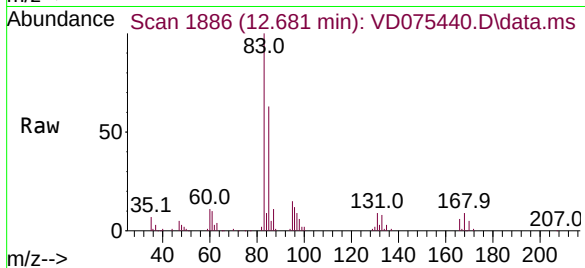
Tgt Ion: 83 Resp: 119033

Ion Ratio Lower Upper

83 100

85 62.5 46.3 85.9

131 8.5 8.1 12.1



#59

Bromoform

Concen: 25.708 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

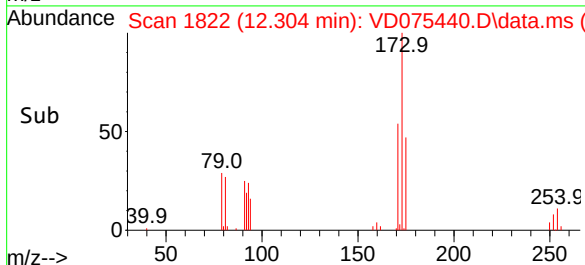
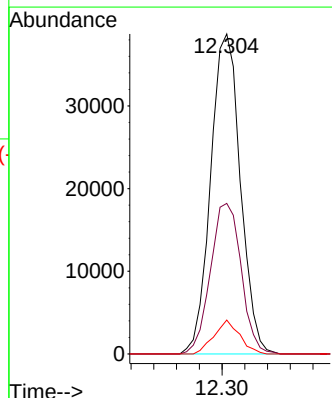
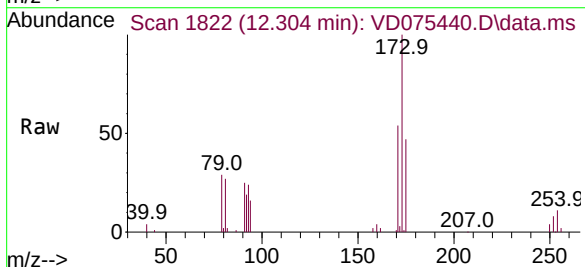
Tgt Ion:173 Resp: 70389

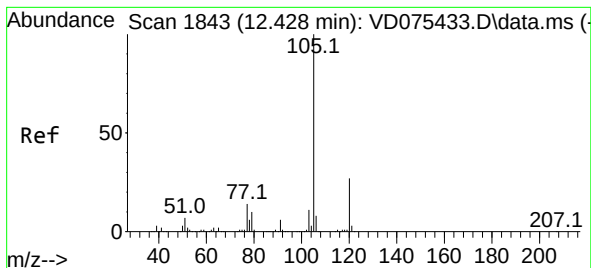
Ion Ratio Lower Upper

173 100

175 48.6 39.3 58.9

254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 26.859 ug/L

RT: 12.428 min Scan# 1843

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

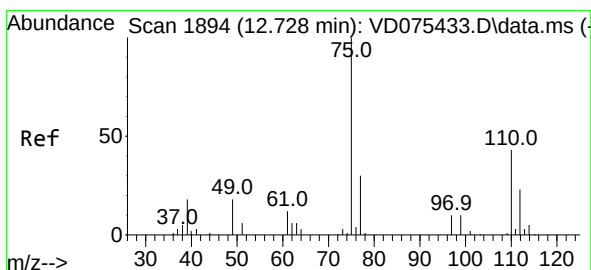
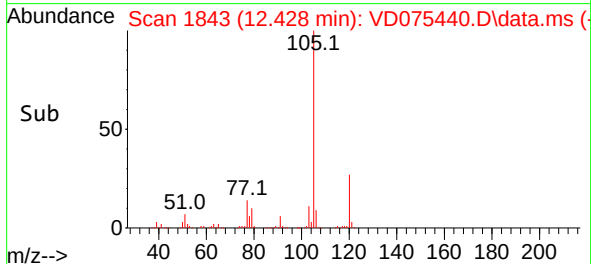
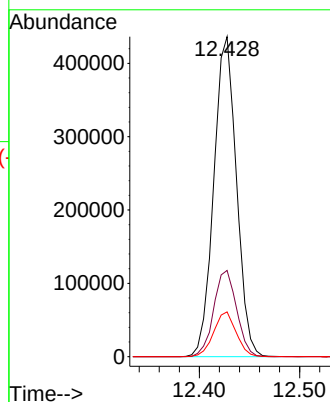
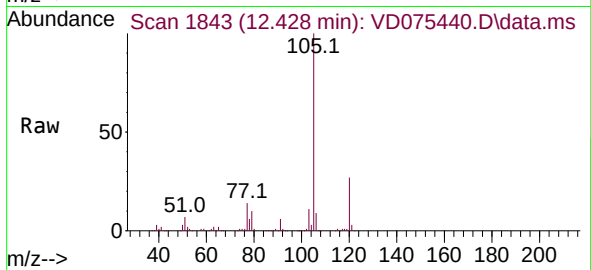
Tgt Ion:105 Resp: 685435

Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.6

77 13.9 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 24.482 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

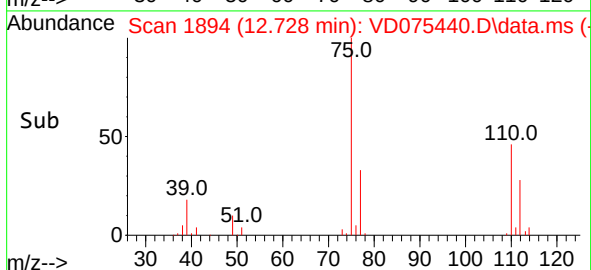
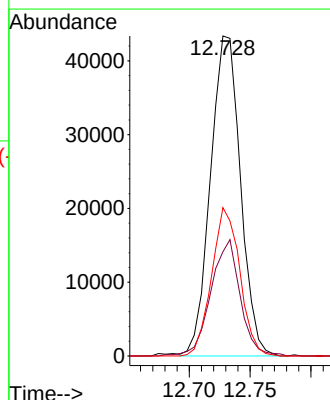
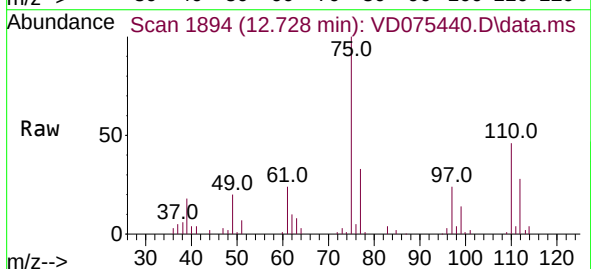
Tgt Ion: 75 Resp: 74466

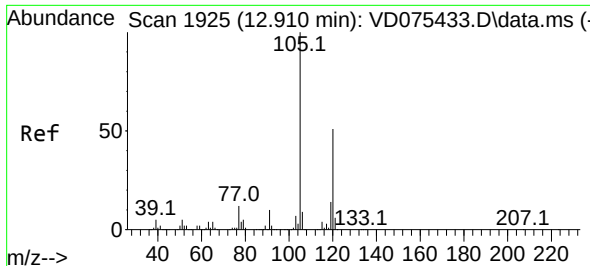
Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.4

110 43.6 33.2 49.8

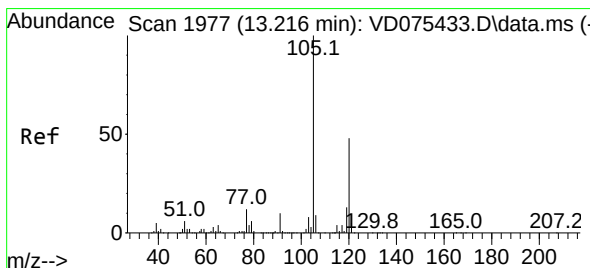
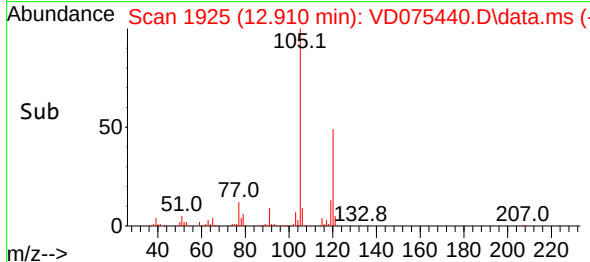
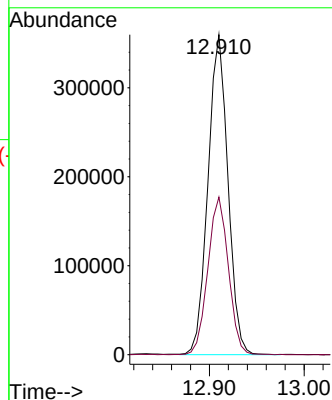
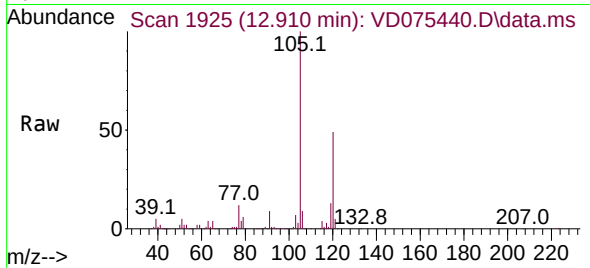




#62
 1,3,5-Trimethylbenzene
 Concen: 27.431 ug/L
 RT: 12.910 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

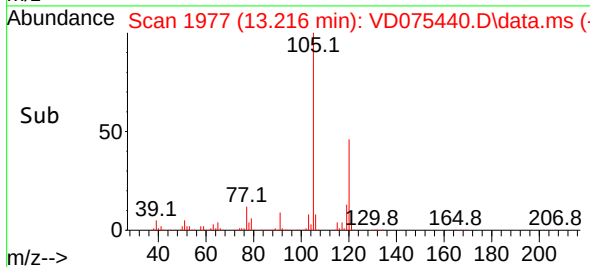
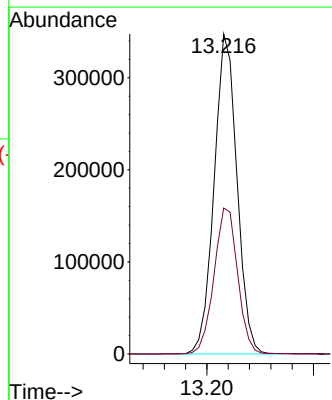
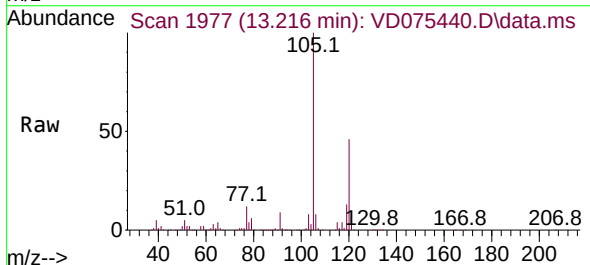
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

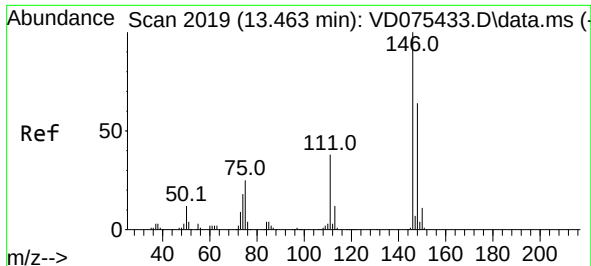
Tgt Ion:105 Resp: 525510
 Ion Ratio Lower Upper
 105 100
 120 50.7 40.6 60.8



#63
 1,2,4-Trimethylbenzene
 Concen: 27.568 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

Tgt Ion:105 Resp: 516412
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.2 57.2

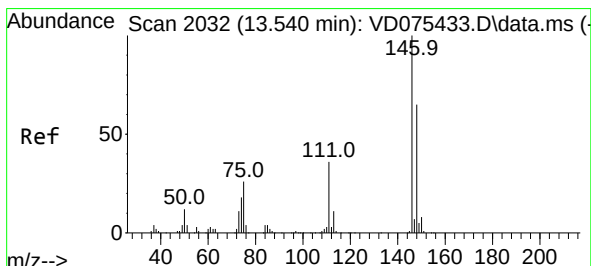
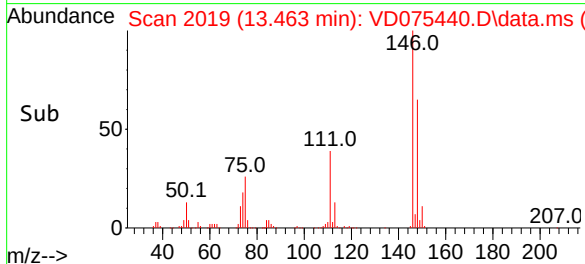
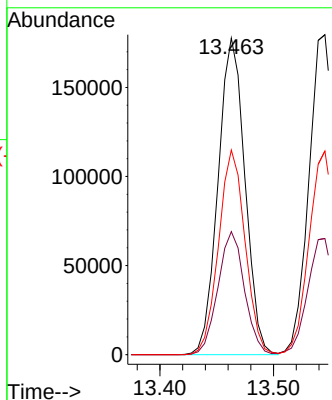
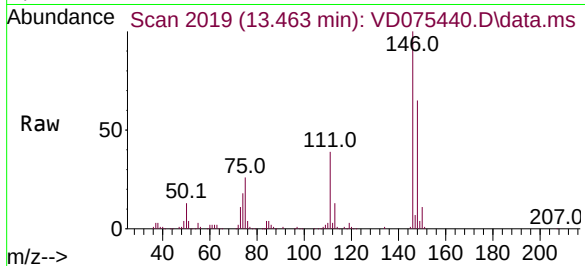




#64
1,3-Dichlorobenzene
Concen: 25.902 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

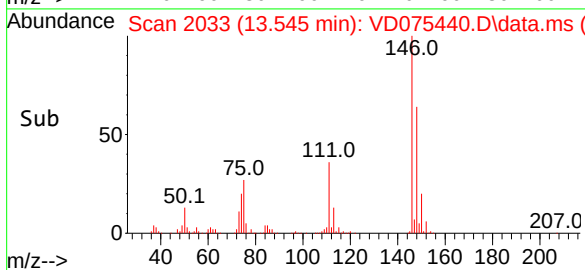
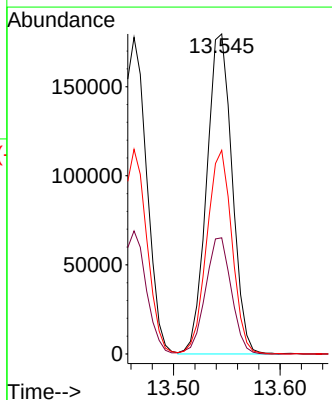
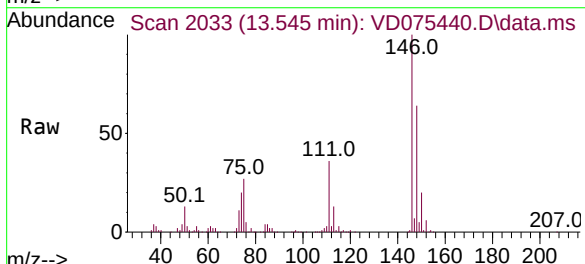
Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

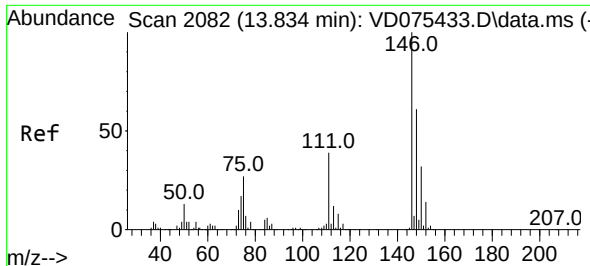
Tgt Ion:146 Resp: 292414
Ion Ratio Lower Upper
146 100
111 38.9 26.0 48.2
148 64.6 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 25.714 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion:146 Resp: 298611
Ion Ratio Lower Upper
146 100
111 36.3 24.8 46.1
148 63.7 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 25.708 ug/L

RT: 13.839 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

Instrument :

MSVOA_D

ClientSampleId :

VSTD025103

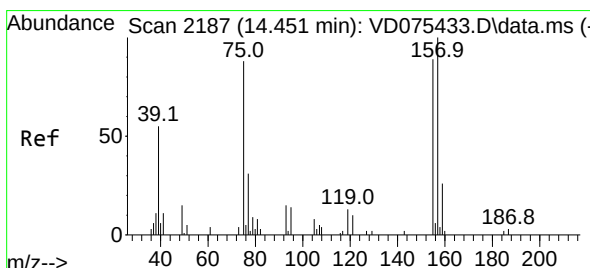
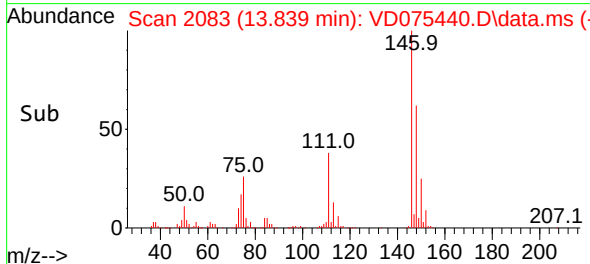
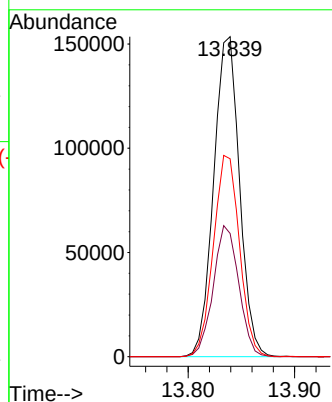
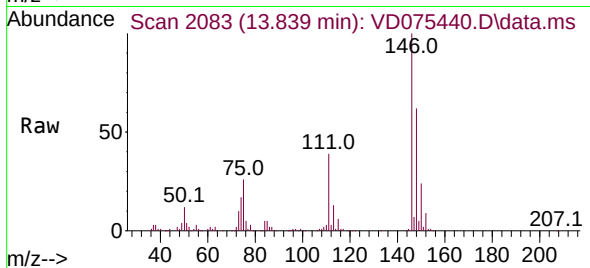
Tgt Ion:146 Resp: 258594

Ion Ratio Lower Upper

146 100

111 38.5 31.0 46.6

148 61.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.998 ug/L

RT: 14.457 min Scan# 2188

Delta R.T. 0.006 min

Lab File: VD075440.D

Acq: 02 Mar 2023 13:44

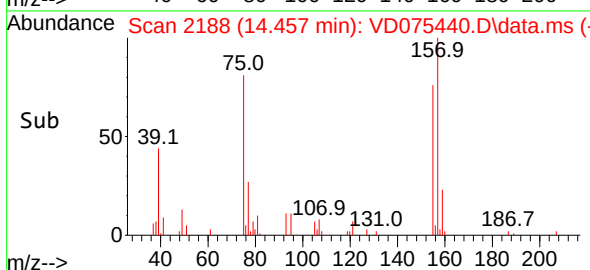
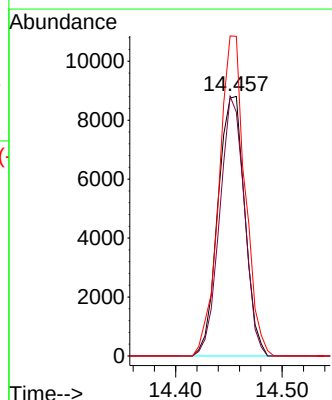
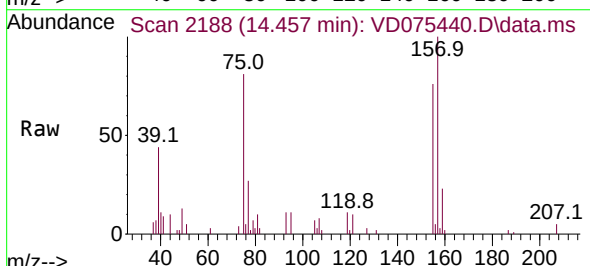
Tgt Ion: 75 Resp: 15357

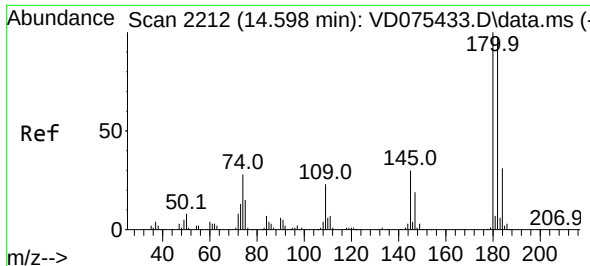
Ion Ratio Lower Upper

75 100

155 93.9 71.3 106.9

157 123.1 85.8 128.6

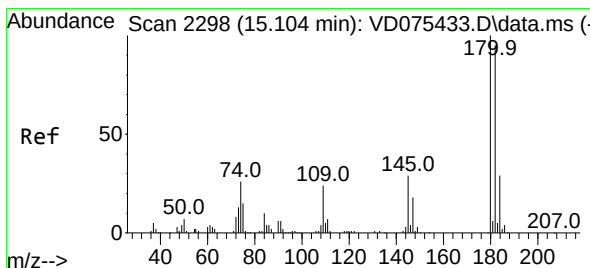
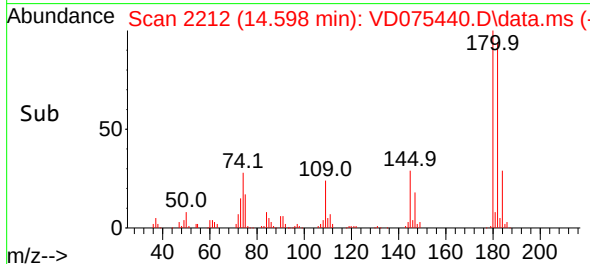
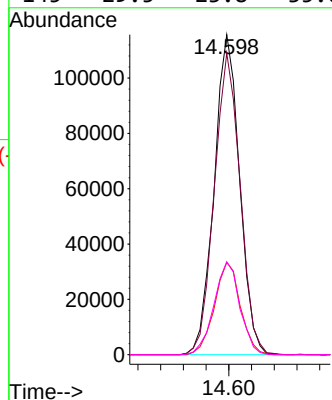
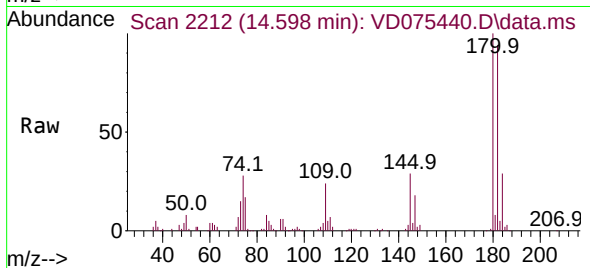




#69
 1,3,5-Trichlorobenzene
 Concen: 25.426 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

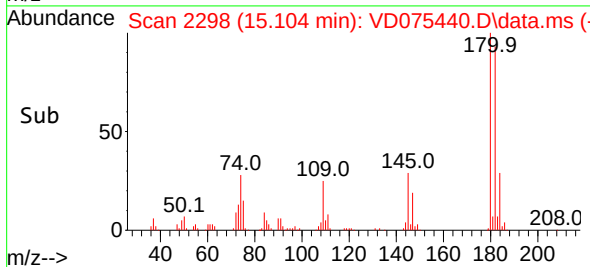
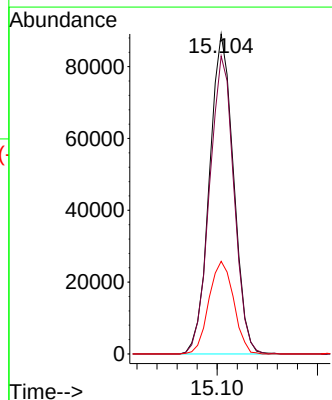
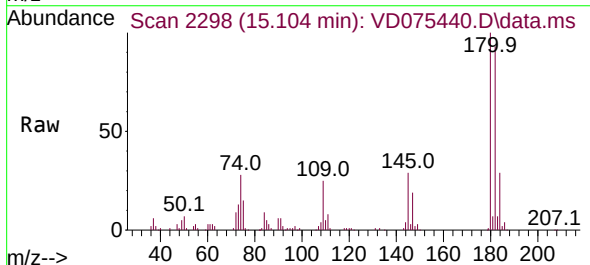
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025103

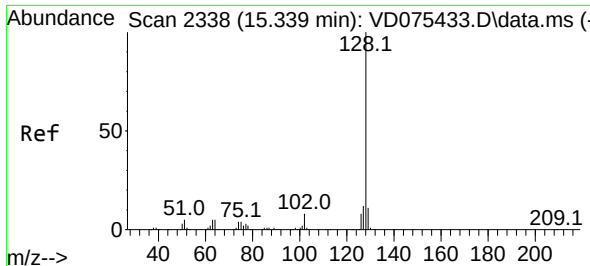
Tgt Ion:180 Resp: 180001
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.5 114.7
 184 29.3 23.6 35.4
 145 29.5 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 26.093 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075440.D
 Acq: 02 Mar 2023 13:44

Tgt Ion:180 Resp: 148522
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.3 111.5
 145 29.7 23.0 34.6

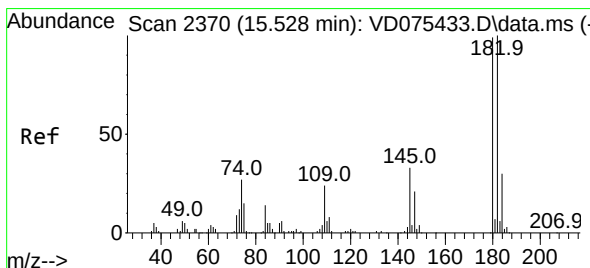
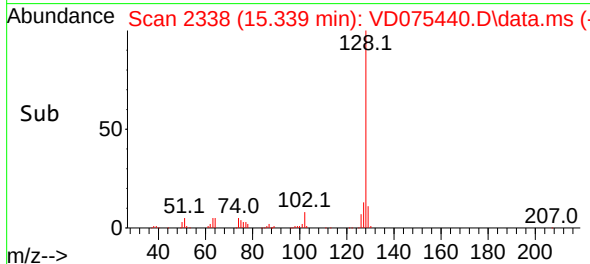
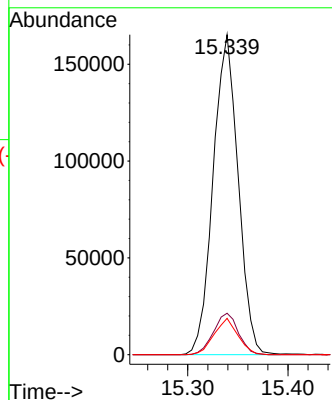
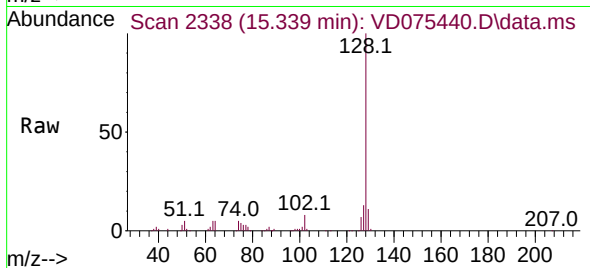




#71
Naphthalene
Concen: 25.301 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Instrument :
MSVOA_D
ClientSampleId :
VSTD025103

Tgt Ion:128 Resp: 285630
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.518 ug/L
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075440.D
Acq: 02 Mar 2023 13:44

Tgt Ion:180 Resp: 128027
Ion Ratio Lower Upper
180 100
182 97.4 75.3 112.9
145 32.8 25.1 37.7

