

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032023\
 Data File : VD075518.D
 Acq On : 20 Mar 2023 17:04
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025109

Quant Time: Mar 21 06:41:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 21 06:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	250716	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	225417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	119819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	110428	17.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.960%
7) Chloroethane-d5	2.805	69	112118	20.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	3.922	63	117634	20.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.920%
21) 2-Butanone-d5	6.987	46	28954	50.190	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
24) Chloroform-d	7.569	84	162139	24.677	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.228	65	65734	23.093	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.360%
32) Benzene-d6	8.204	84	296226	22.128	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.520%
36) 1,2-Dichloropropane-d6	9.210	67	88990	23.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	10.269	98	279350	22.874	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	10.528	79	37537	24.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.120%
47) 2-Hexanone-d5	10.875	63	29459	53.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86516	27.335	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.360%
66) 1,2-Dichlorobenzene-d4	13.822	152	101458	24.208	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	93942	24.355	ug/L	100
3) Chloromethane	2.152	50	125289	19.315	ug/L	99
5) Vinyl chloride	2.287	62	192863	23.642	ug/L	98
6) Bromomethane	2.699	94	133927	34.640	ug/L	93
8) Chloroethane	2.840	64	137589	26.821	ug/L	97
9) Trichlorofluoromethane	3.181	101	167650	27.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	116547	27.626	ug/L	97
12) 1,1-Dichloroethene	3.940	96	96358	25.939	ug/L	89
13) Acetone	4.016	43	33075	50.755	ug/L	94
14) Carbon disulfide	4.275	76	241641	23.263	ug/L	97
15) Methyl Acetate	4.569	43	28026	25.342	ug/L	91
16) Methylene chloride	4.805	84	116499	22.001	ug/L	92
17) trans-1,2-Dichloroethene	5.311	96	107802	27.072	ug/L	94
18) Methyl tert-butyl Ether	5.322	73	206125	27.854	ug/L	97
19) 1,1-Dichloroethane	6.111	63	172821	25.655	ug/L	94
20) cis-1,2-Dichloroethene	7.075	96	123932	27.551	ug/L	87
22) 2-Butanone	7.075	43	39332	47.563	ug/L	91
23) Bromochloromethane	7.428	128	56800	29.474	ug/L #	87
25) Chloroform	7.593	83	204702	27.869	ug/L	100

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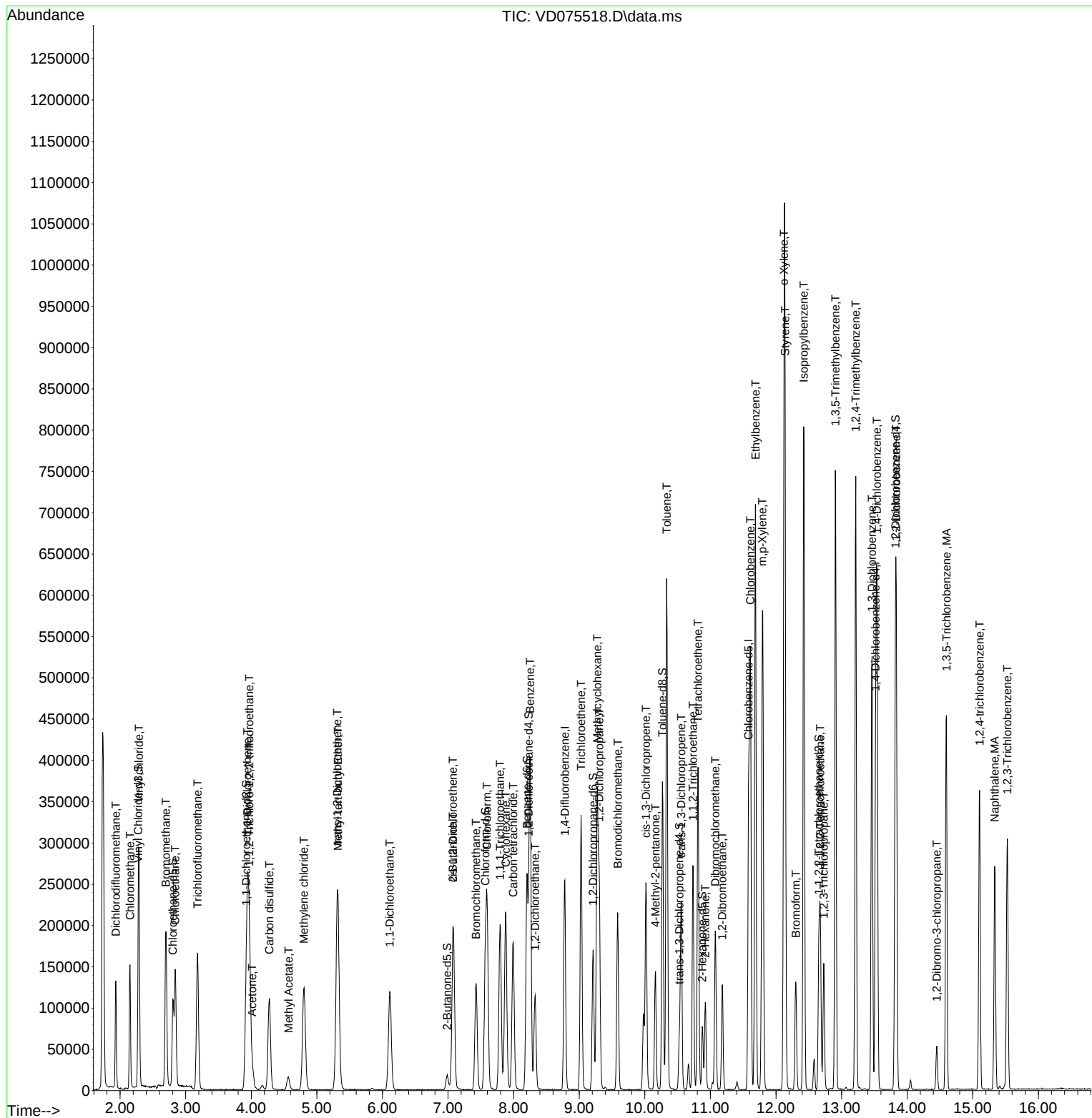
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102990	26.001	ug/L	95
29) Cyclohexane	7.881	56	111296	23.075	ug/L	89
30) 1,1,1-Trichloroethane	7.793	97	173109	28.561	ug/L	96
31) Carbon tetrachloride	7.993	117	142733	29.649	ug/L	98
33) Benzene	8.252	78	434010	26.791	ug/L	100
34) Trichloroethene	9.028	95	116452	27.525	ug/L	94
35) Methylcyclohexane	9.275	83	169788	25.707	ug/L	94
37) 1,2-Dichloropropane	9.304	63	101843	25.583	ug/L #	96
38) Bromodichloromethane	9.587	83	149881	28.462	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	162405	26.658	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	81260	53.229	ug/L	96
42) Toluene	10.334	91	502691	28.344	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	138677	27.628	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	93742	29.483	ug/L	96
46) Tetrachloroethene	10.810	164	94834	29.253	ug/L	97
48) 2-Hexanone	10.922	43	60077	53.487	ug/L	97
49) Dibromochloromethane	11.075	129	104312	30.034	ug/L	99
50) 1,2-Dibromoethane	11.181	107	84929	29.550	ug/L #	96
51) Chlorobenzene	11.610	112	322636	27.989	ug/L	97
52) Ethylbenzene	11.687	91	532729	28.246	ug/L	98
53) m,p-Xylene	11.793	106	214745	28.899	ug/L	97
54) o-Xylene	12.122	106	201524	28.669	ug/L	100
55) Styrene	12.140	104	372127	29.807	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	102844	29.554	ug/L	97
59) Bromoform	12.304	173	62393	28.858	ug/L	99
60) Isopropylbenzene	12.422	105	552407	27.413	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	63695	26.519	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	423734	28.011	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	411919	27.848	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	245035	27.488	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	247670	27.009	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	218339	27.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	13574	29.102	ug/L	92
69) 1,3,5-Trichlorobenzene	14.598	180	153367	27.436	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	121024	26.926	ug/L	98
71) Naphthalene	15.334	128	240553	26.984	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	110291	27.839	ug/L	100

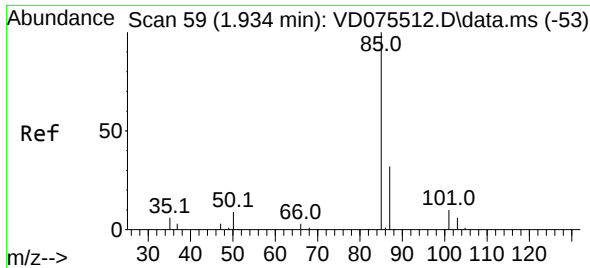
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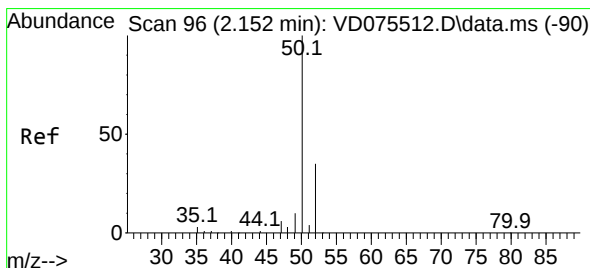
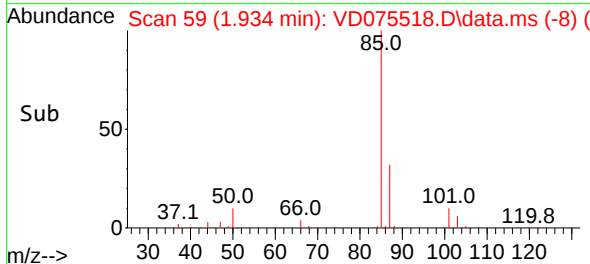
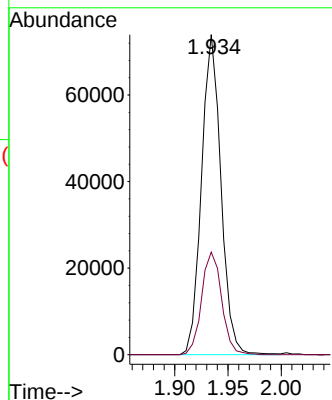
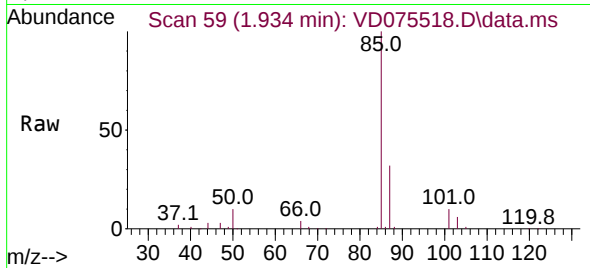




#2
Dichlorodifluoromethane
Concen: 24.355 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

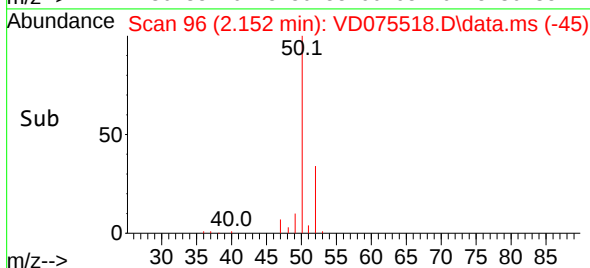
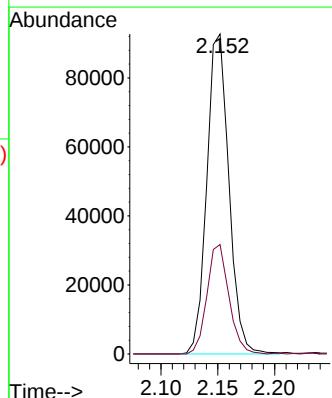
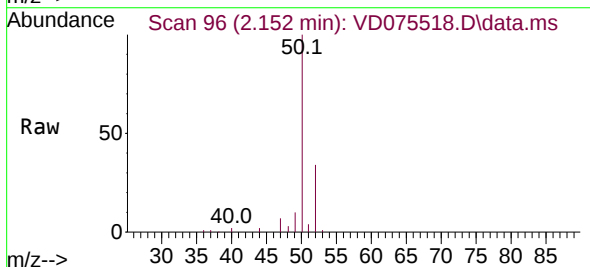
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ClientSampleId :
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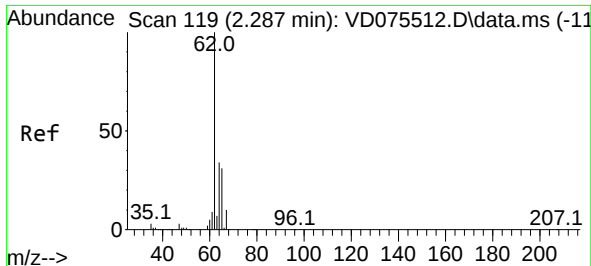
Tgt Ion: 85 Resp: 93942
Ion Ratio Lower Upper
85 100
87 33.1 26.4 39.6



#3
Chloromethane
Concen: 19.315 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 50 Resp: 125289
Ion Ratio Lower Upper
50 100
52 34.2 23.7 43.9

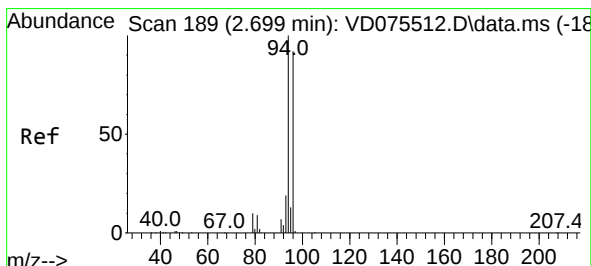
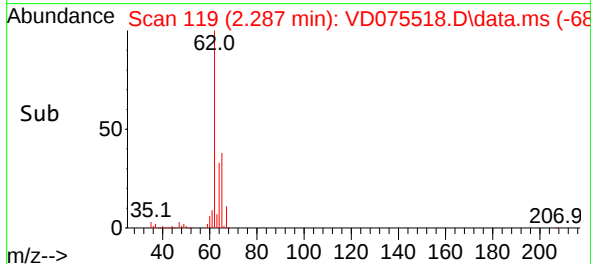
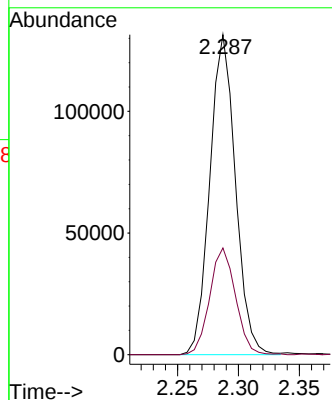
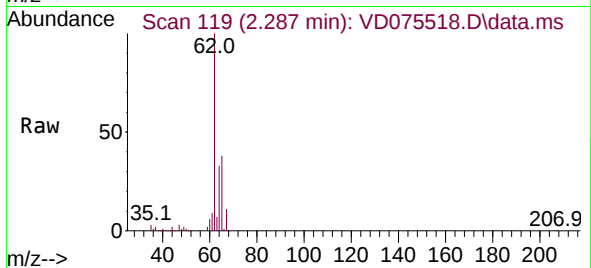




#5
 Vinyl chloride
 Concen: 23.642 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

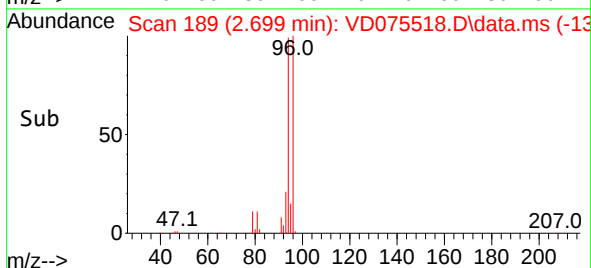
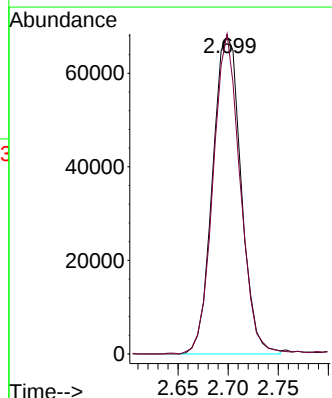
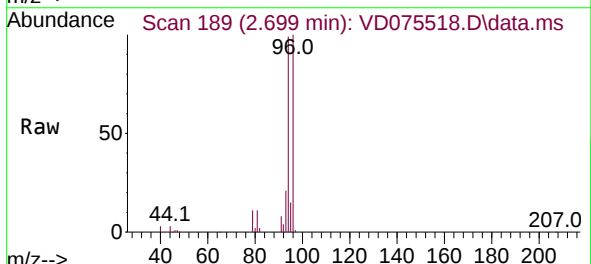
Instrument :
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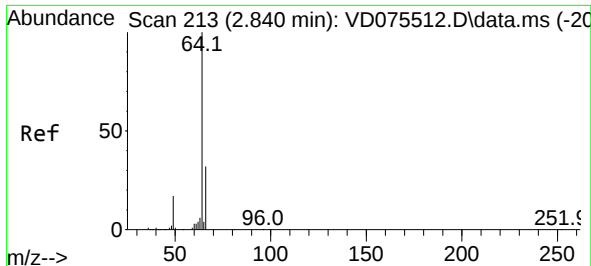
Tgt Ion: 62 Resp: 192863
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.7 42.3



#6
 Bromomethane
 Concen: 34.640 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

Tgt Ion: 94 Resp: 133927
 Ion Ratio Lower Upper
 94 100
 96 100.6 65.9 122.5

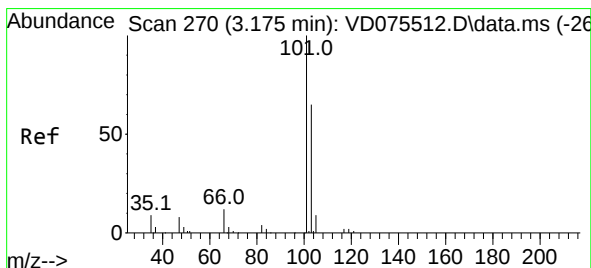
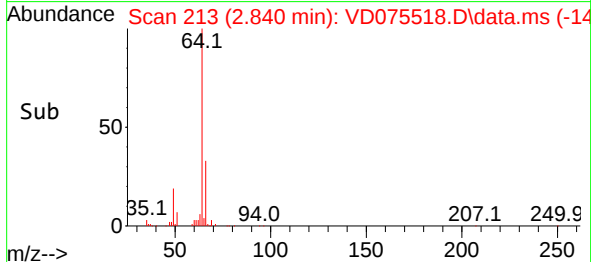
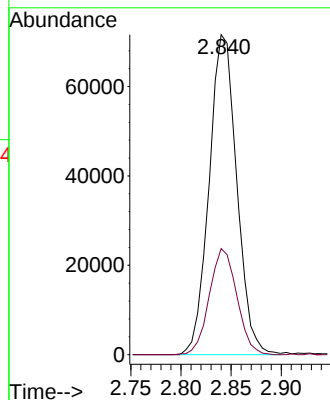
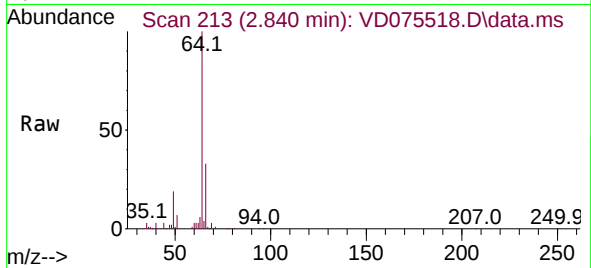




#8
Chloroethane
Concen: 26.821 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075518.D
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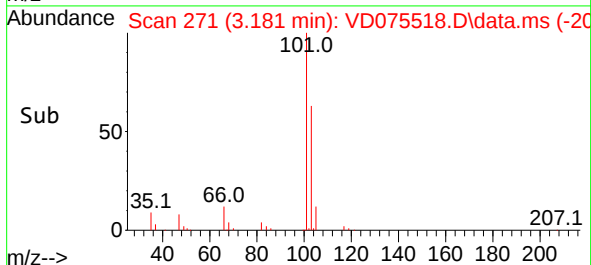
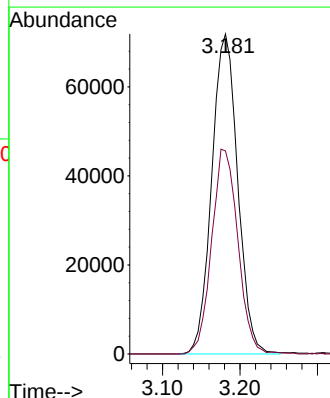
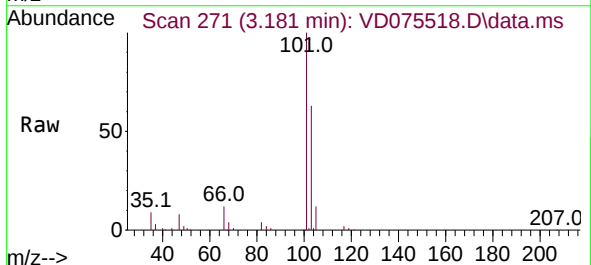
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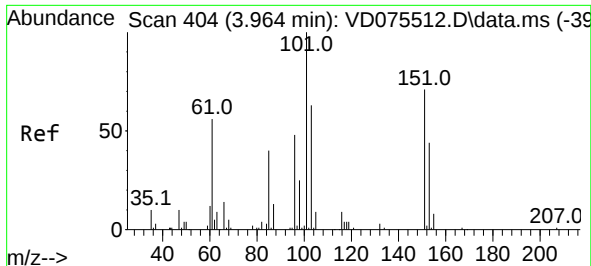
Tgt Ion: 64 Resp: 137589
Ion Ratio Lower Upper
64 100
66 33.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 27.453 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion:101 Resp: 167650
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

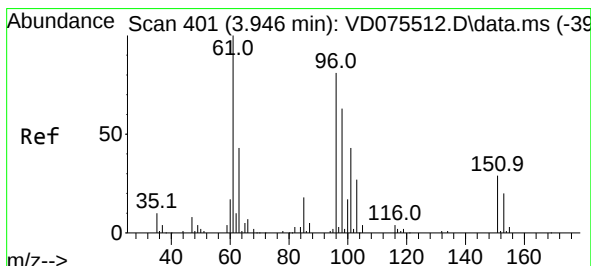
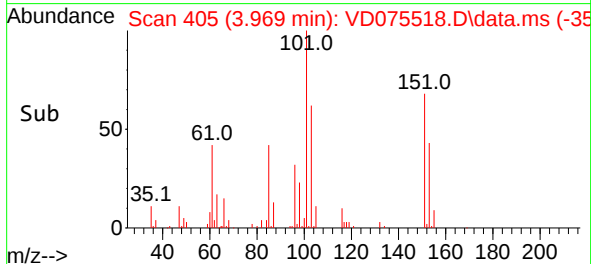
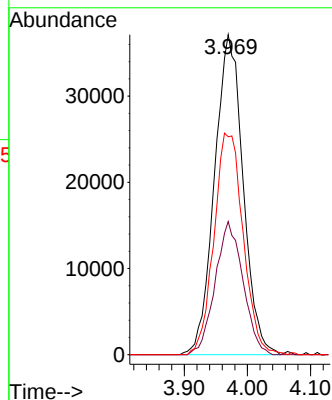
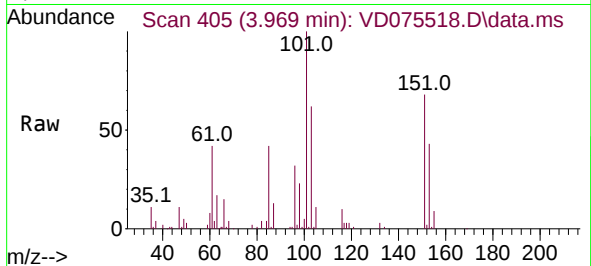




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.626 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.005 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

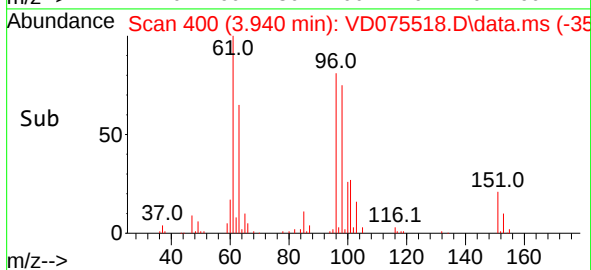
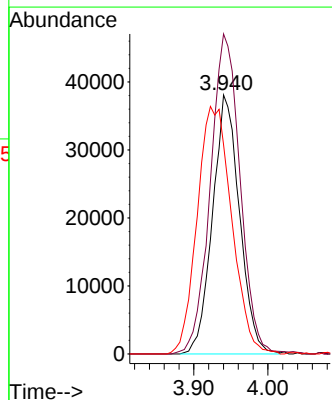
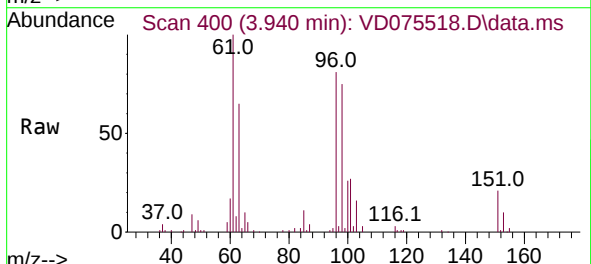
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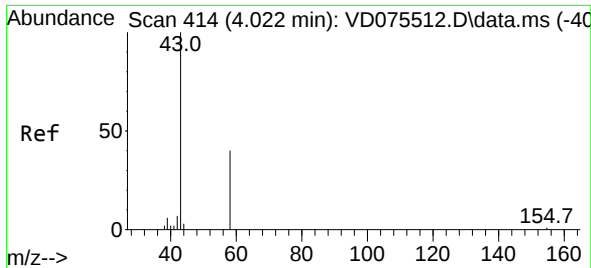
Tgt Ion:101 Resp: 116547
 Ion Ratio Lower Upper
 101 100
 85 40.5 34.0 51.0
 151 70.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.939 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

Tgt Ion: 96 Resp: 96358
 Ion Ratio Lower Upper
 96 100
 61 123.5 97.5 181.1
 63 80.8 62.4 116.0

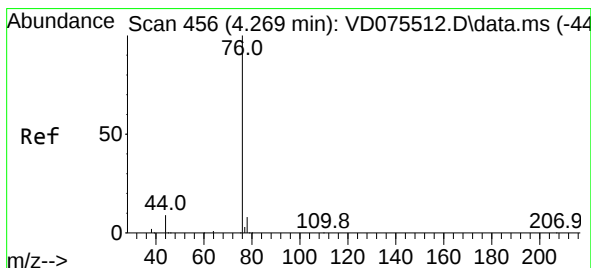
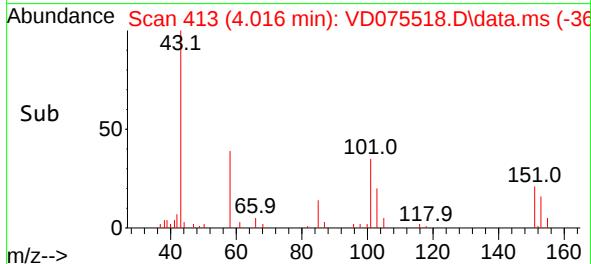
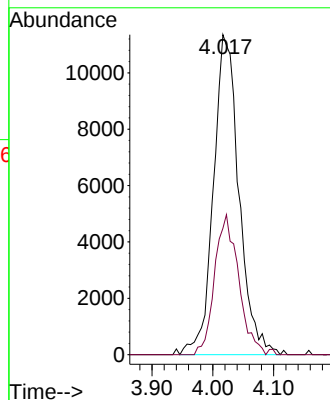
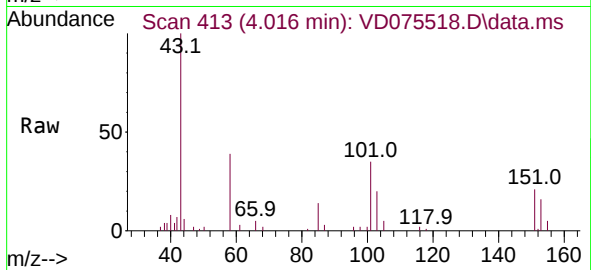




#13
Acetone
Concen: 50.755 ug/L
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075518.D
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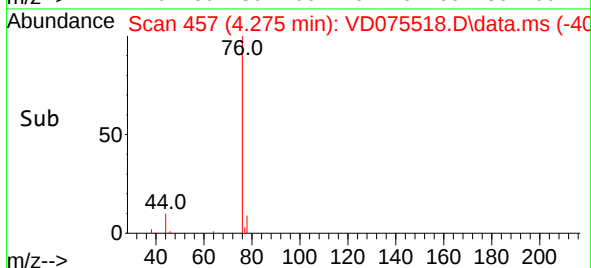
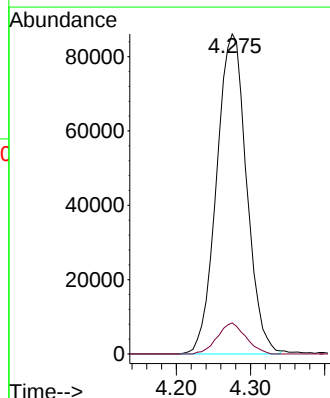
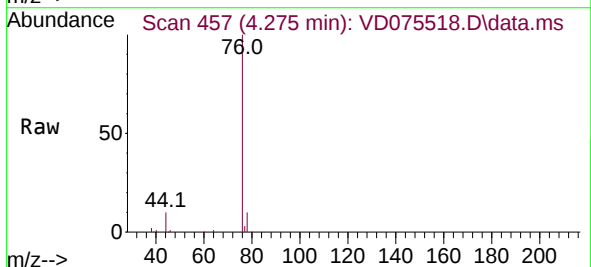
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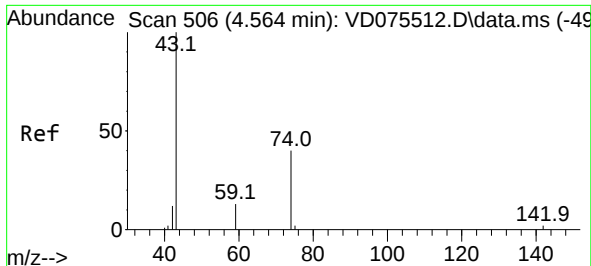
Tgt Ion: 43 Resp: 33075
Ion Ratio Lower Upper
43 100
58 41.1 0.0 75.4



#14
Carbon disulfide
Concen: 23.263 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 76 Resp: 241641
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2

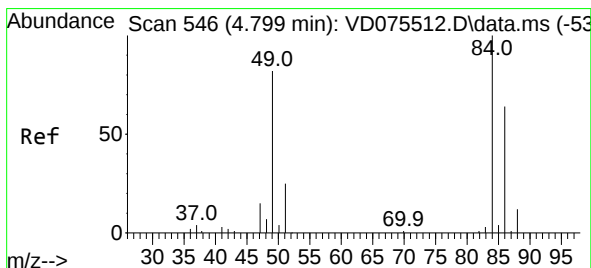
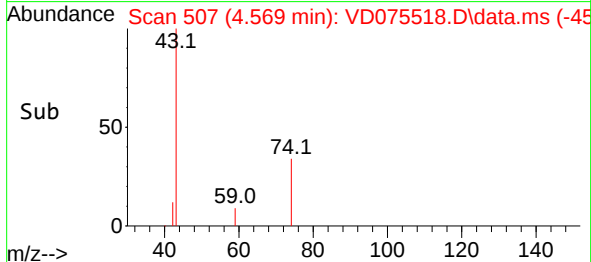
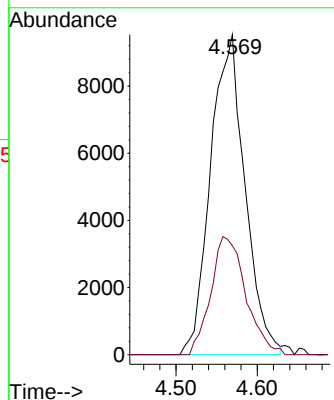
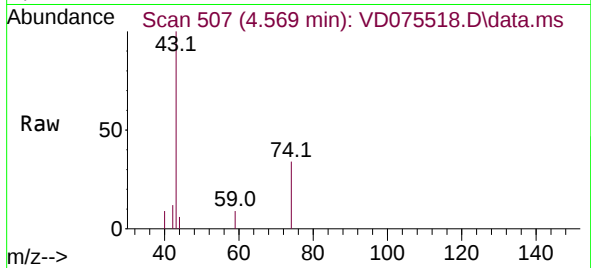




#15
Methyl Acetate
Concen: 25.342 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

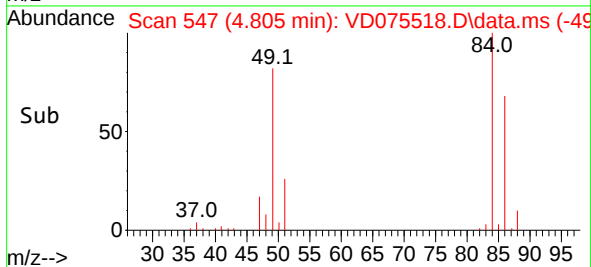
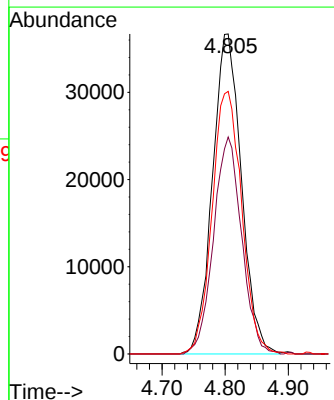
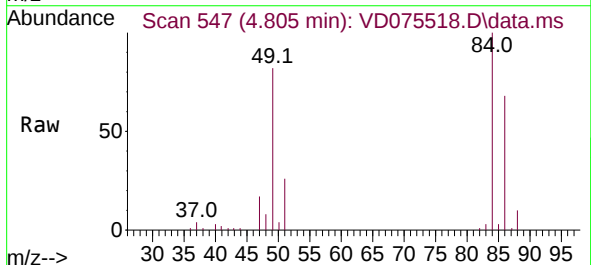
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

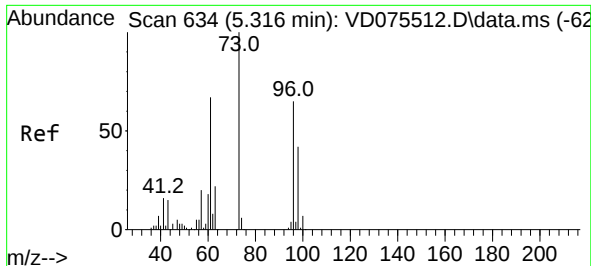
Tgt Ion: 43 Resp: 28026
Ion Ratio Lower Upper
43 100
74 37.3 25.7 38.5



#16
Methylene chloride
Concen: 22.001 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 84 Resp: 116499
Ion Ratio Lower Upper
84 100
86 67.8 44.2 82.2
49 82.1 63.6 118.2

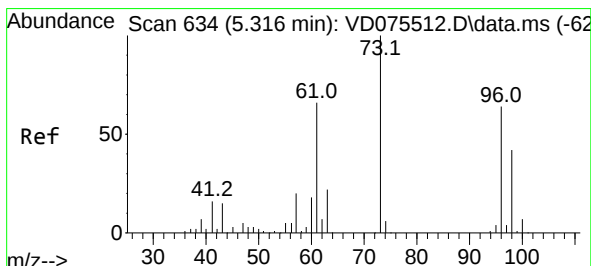
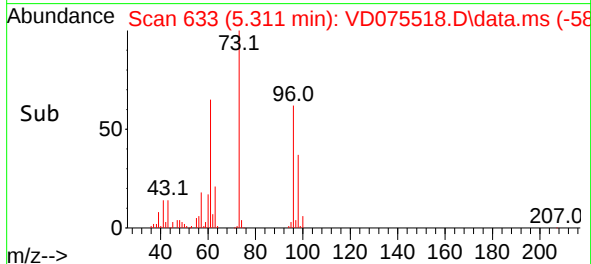
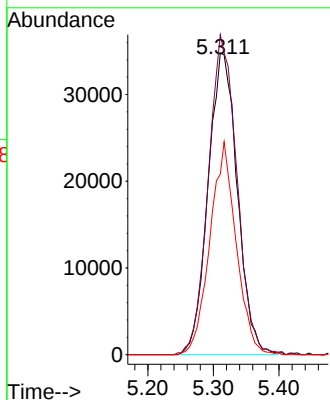
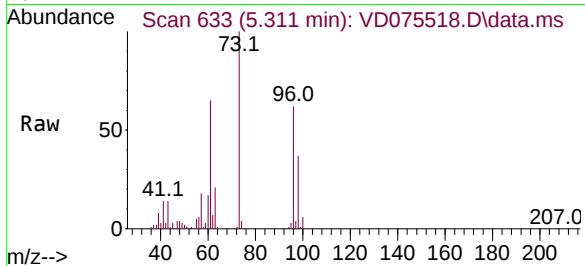




#17
trans-1,2-Dichloroethene
Concen: 27.072 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

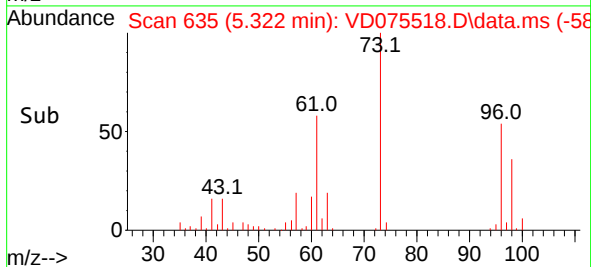
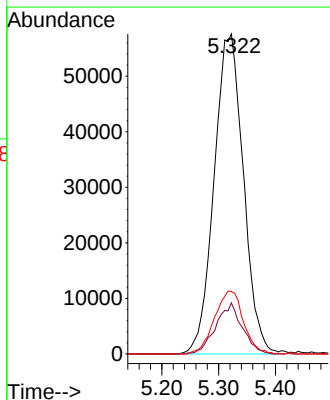
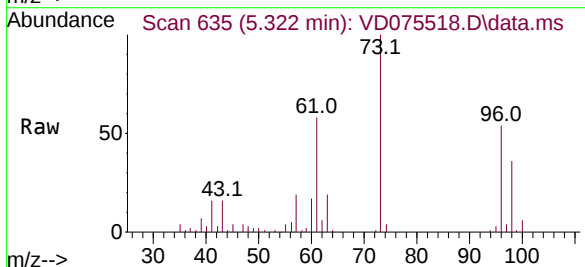
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

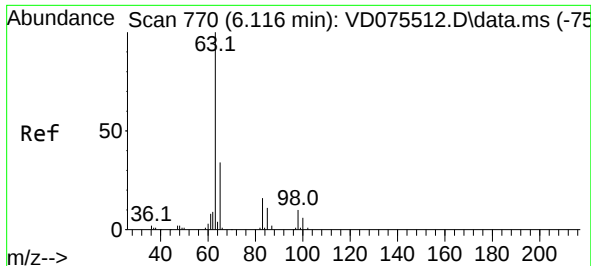
Tgt Ion: 96 Resp: 107802
Ion Ratio Lower Upper
96 100
61 106.1 77.8 144.6
98 59.8 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 27.854 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.006 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 73 Resp: 206125
Ion Ratio Lower Upper
73 100
43 14.4 12.1 18.1
57 19.4 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.655 ug/L

RT: 6.111 min Scan# 7

Delta R.T. -0.005 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD025109

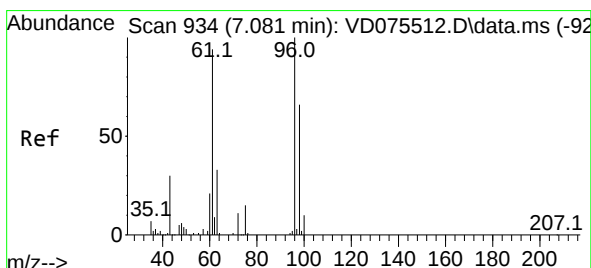
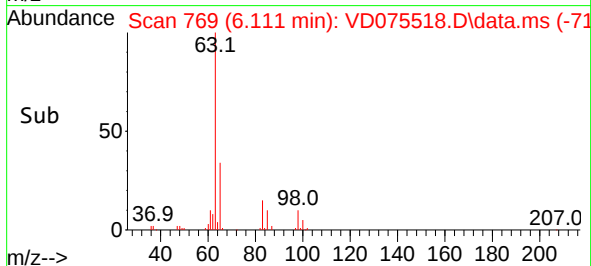
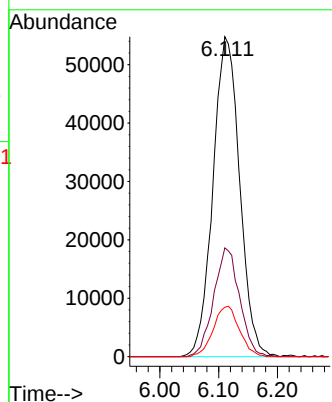
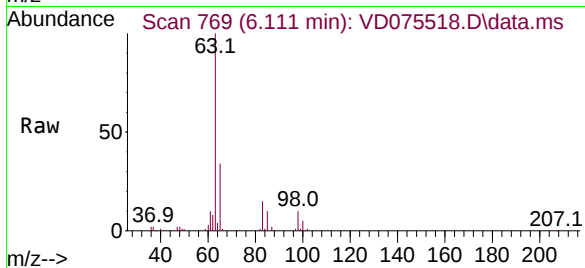
Tgt Ion: 63 Resp: 172821

Ion Ratio Lower Upper

63 100

65 34.0 21.1 39.3

83 15.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 27.551 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

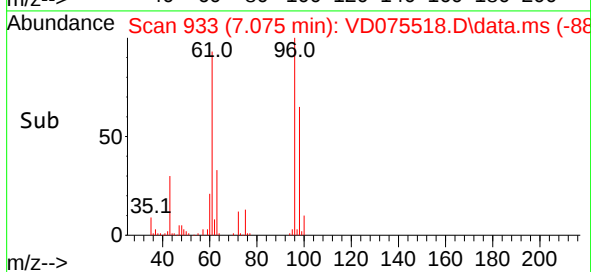
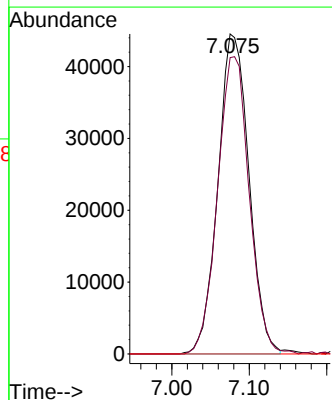
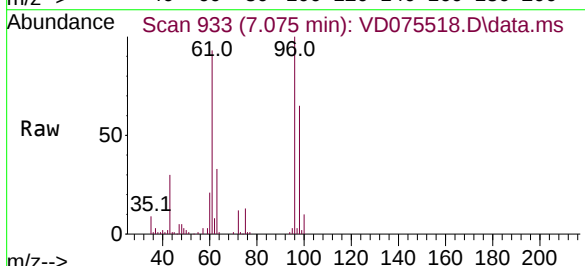
Tgt Ion: 96 Resp: 123932

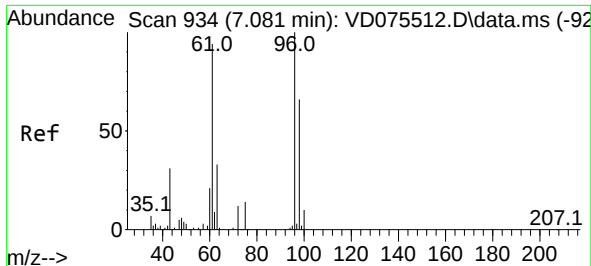
Ion Ratio Lower Upper

96 100

61 92.6 73.9 137.3

68 0.0 0.0 0.0

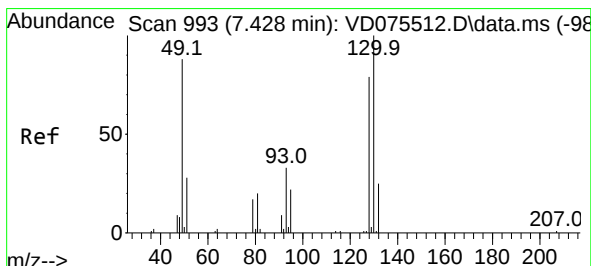
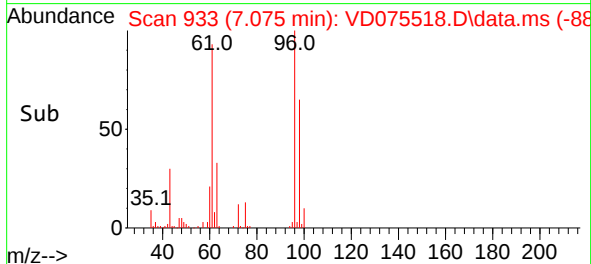
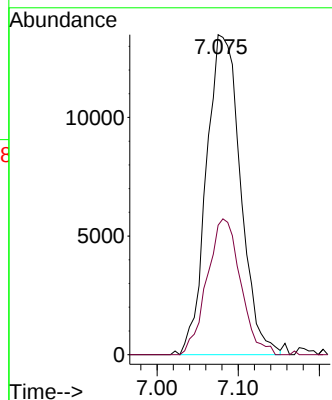
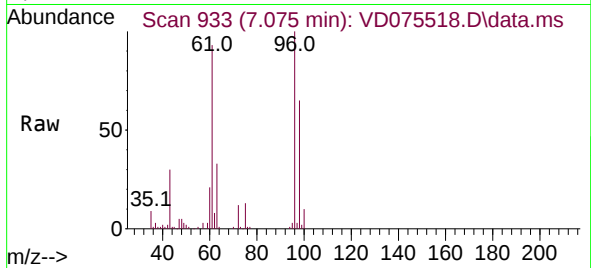




#22
2-Butanone
Concen: 47.563 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

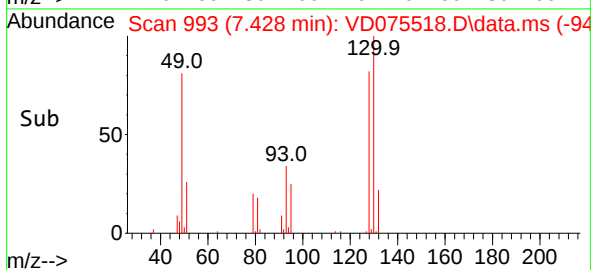
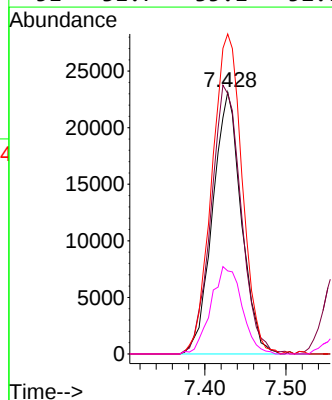
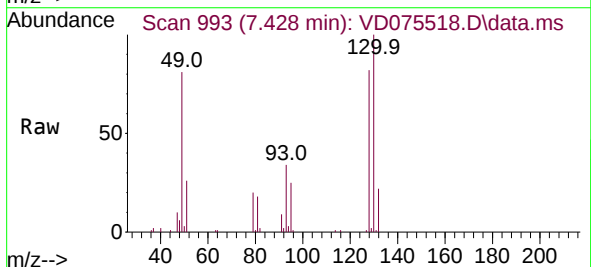
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

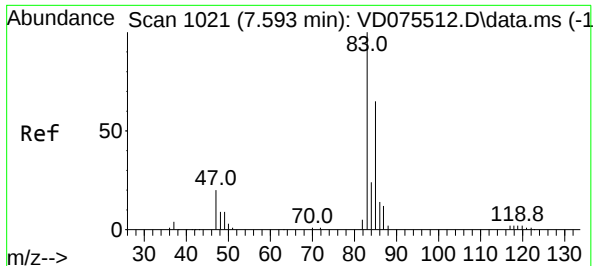
Tgt Ion: 43 Resp: 39332
Ion Ratio Lower Upper
43 100
72 41.7 18.3 54.9



#23
Bromochloromethane
Concen: 29.474 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 128 Resp: 56800
Ion Ratio Lower Upper
128 100
49 99.4 84.2 156.4
130 122.2 82.5 153.1
51 31.7 35.1 52.7#





#25

Chloroform

Concen: 27.869 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

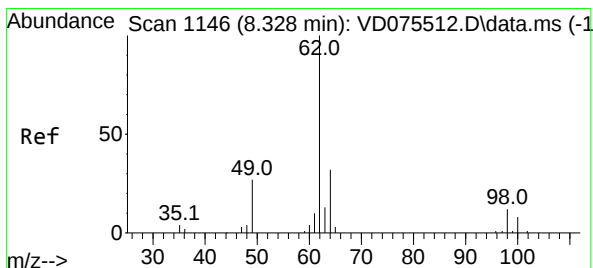
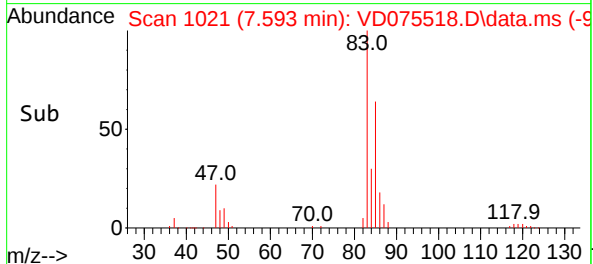
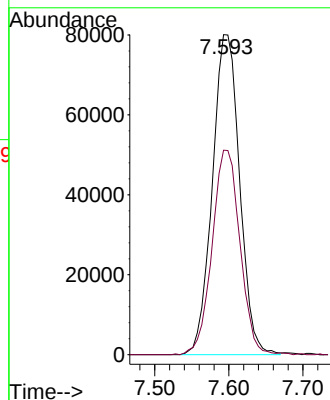
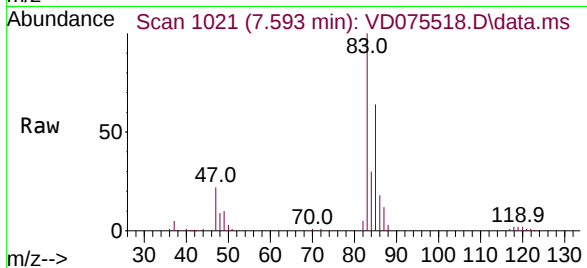
VSTD025109

Tgt Ion: 83 Resp: 204702

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 26.001 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075518.D

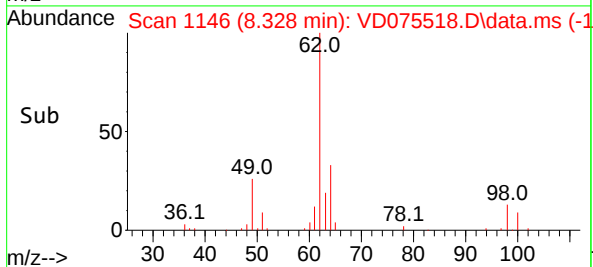
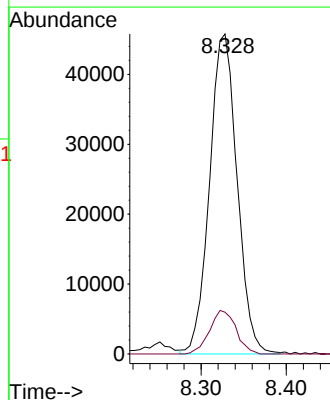
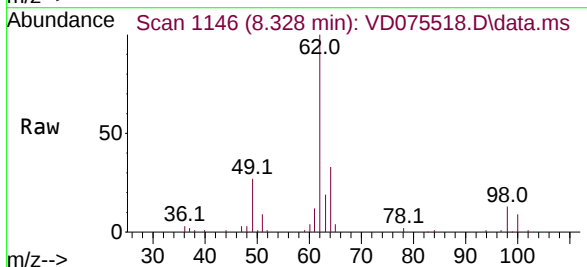
Acq: 20 Mar 2023 17:04

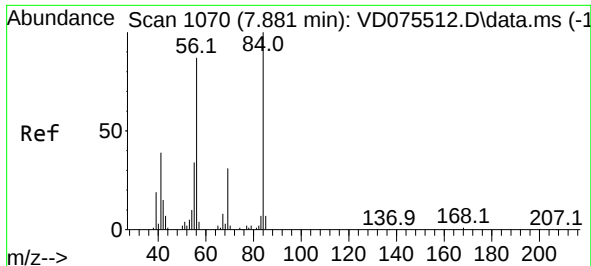
Tgt Ion: 62 Resp: 102990

Ion Ratio Lower Upper

62 100

98 13.0 8.8 13.2

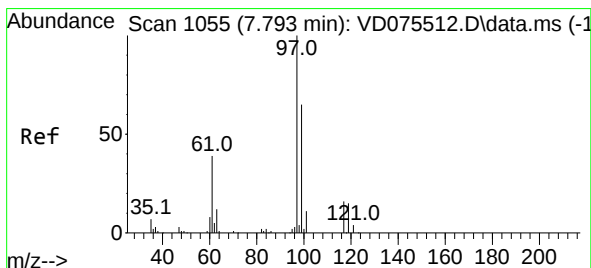
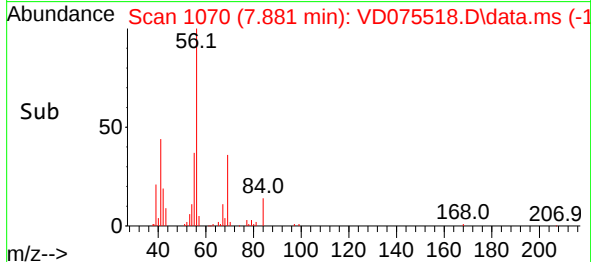
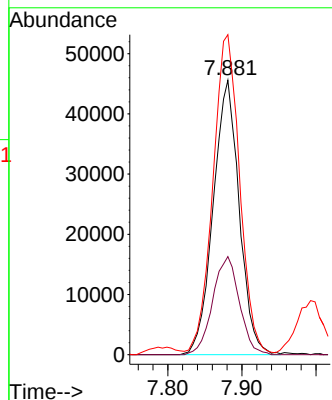
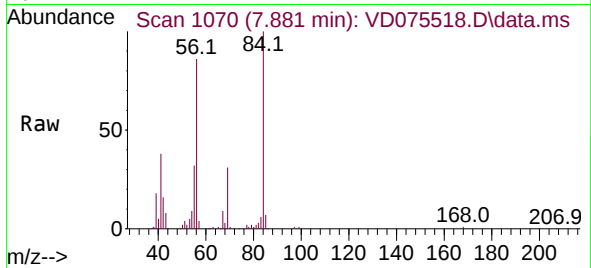




#29
Cyclohexane
Concen: 23.075 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

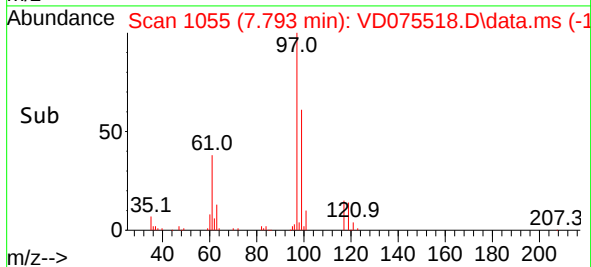
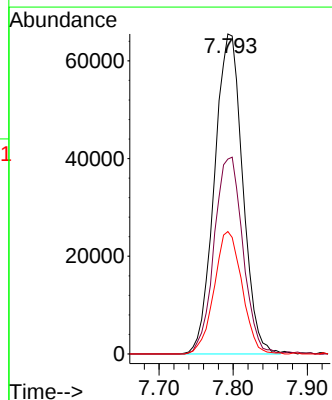
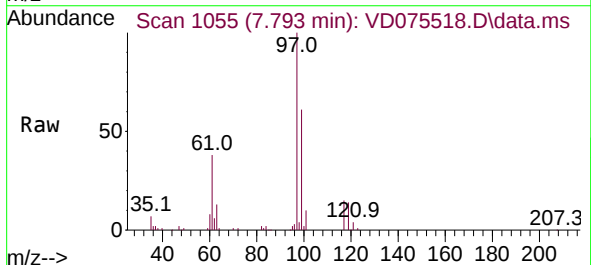
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

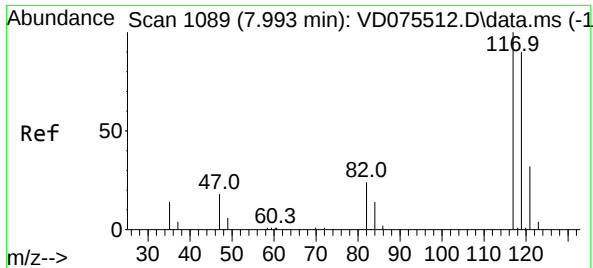
Tgt Ion: 56	Resp: 111296
Ion Ratio	Lower Upper
56 100	
69 36.5	27.0 40.6
84 120.2	85.0 127.6



#30
1,1,1-Trichloroethane
Concen: 28.561 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 97	Resp: 173109
Ion Ratio	Lower Upper
97 100	
99 62.3	51.0 76.4
61 37.8	34.0 51.0

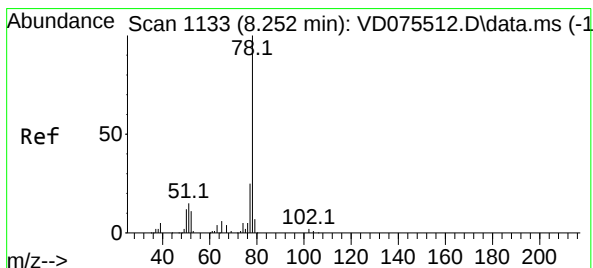
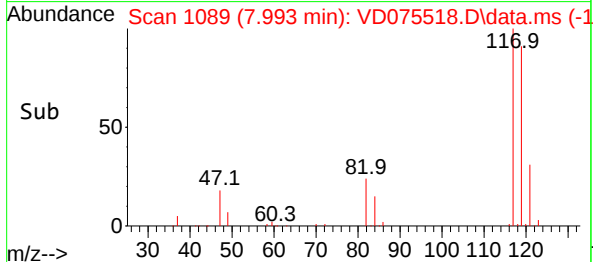
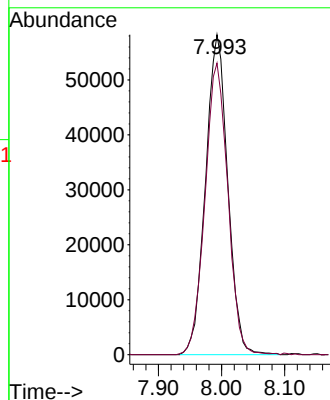
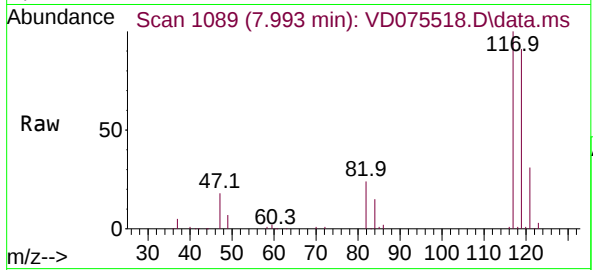




#31
Carbon tetrachloride
Concen: 29.649 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

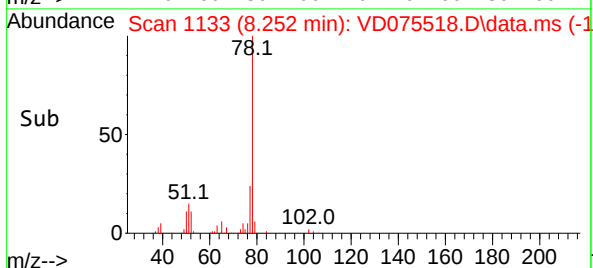
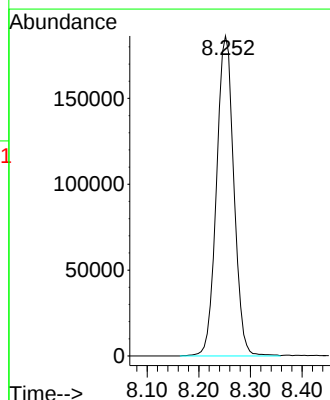
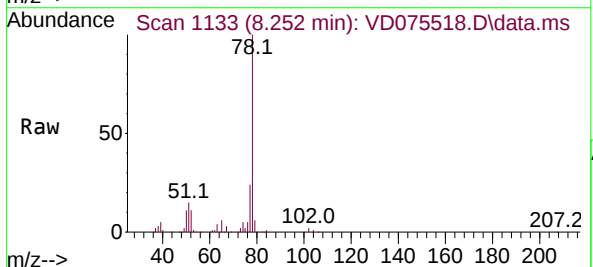
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

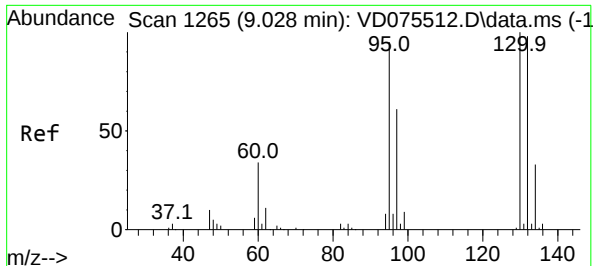
Tgt Ion:117 Resp: 142733
Ion Ratio Lower Upper
117 100
119 93.3 76.2 114.2



#33
Benzene
Concen: 26.791 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 78 Resp: 434010



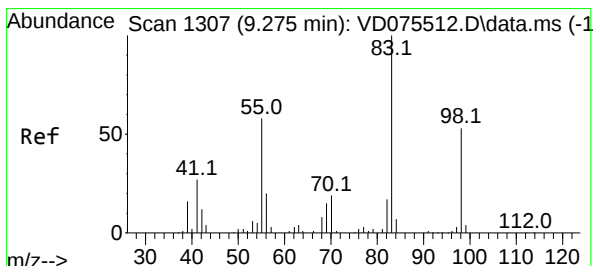
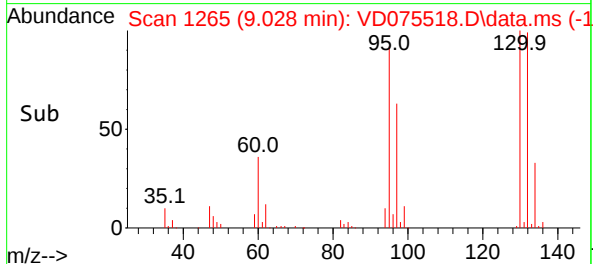
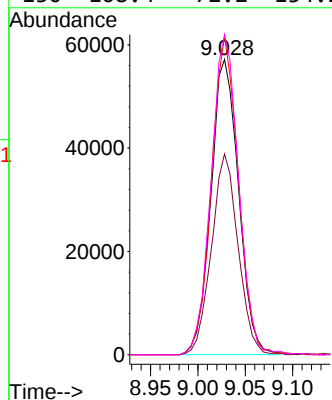
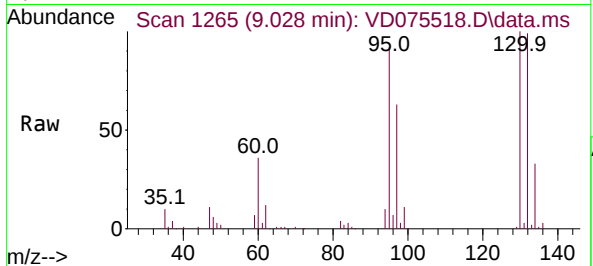


#34
Trichloroethene
Concen: 27.525 ug/L
RT: 9.028 min Scan# 116452
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

Tgt Ion: 95 Resp: 116452

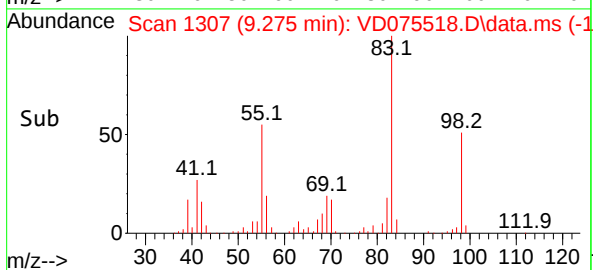
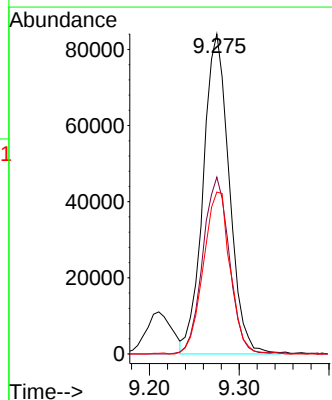
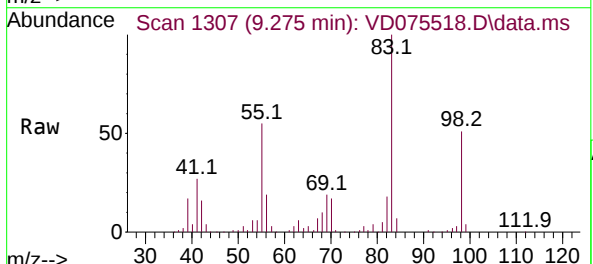
Ion	Ratio	Lower	Upper
95	100		
97	68.0	44.7	83.1
132	107.8	70.0	130.0
130	108.4	72.2	134.2

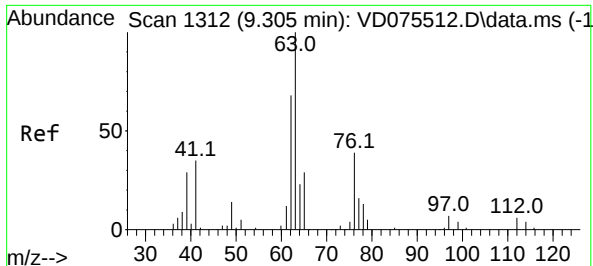


#35
Methylcyclohexane
Concen: 25.707 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 83 Resp: 169788

Ion	Ratio	Lower	Upper
83	100		
55	55.8	49.3	73.9
98	52.0	39.8	59.6





#37

1,2-Dichloropropane

Concen: 25.583 ug/L

RT: 9.304 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

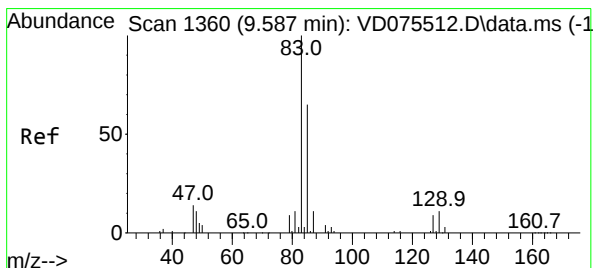
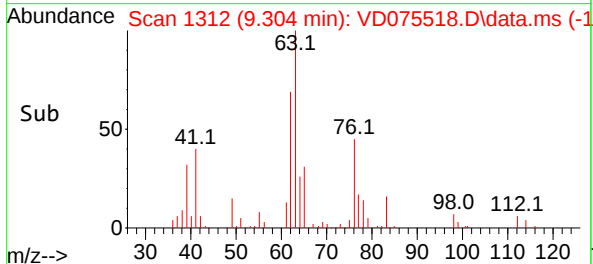
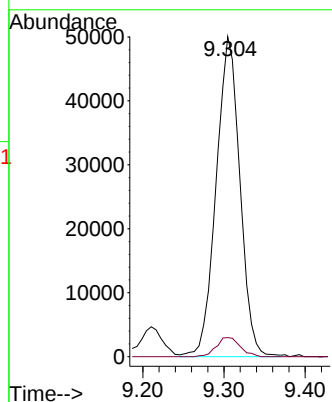
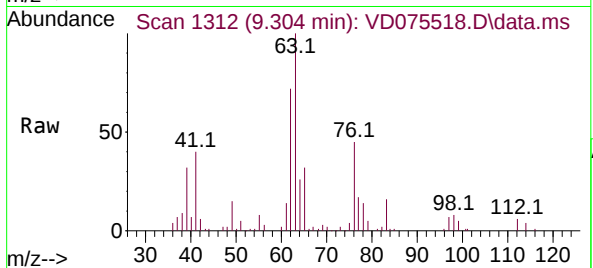
VSTD025109

Tgt Ion: 63 Resp: 101843

Ion Ratio Lower Upper

63 100

112 6.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 28.462 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

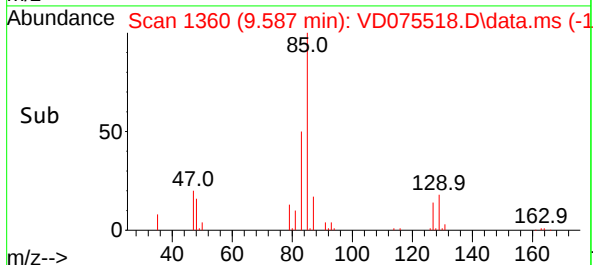
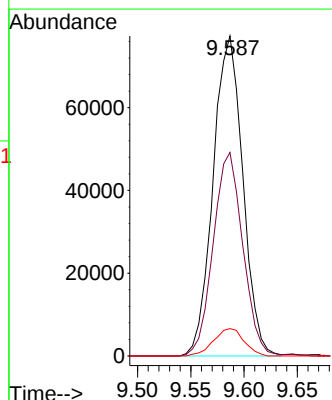
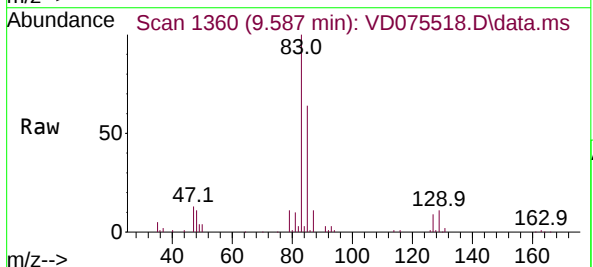
Tgt Ion: 83 Resp: 149881

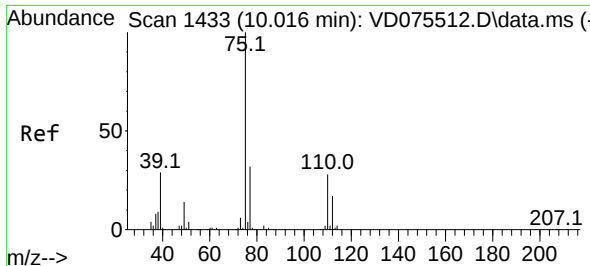
Ion Ratio Lower Upper

83 100

85 63.6 44.6 82.8

127 8.6 6.6 9.8

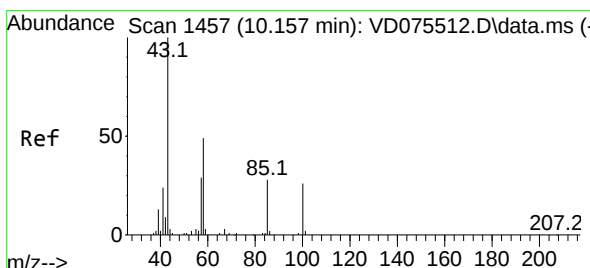
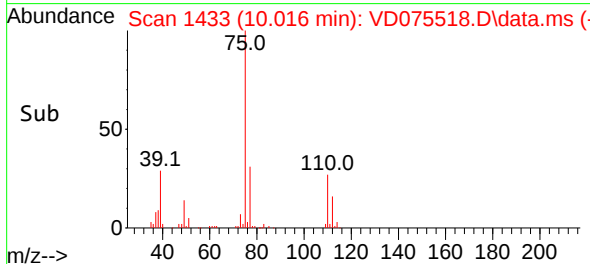
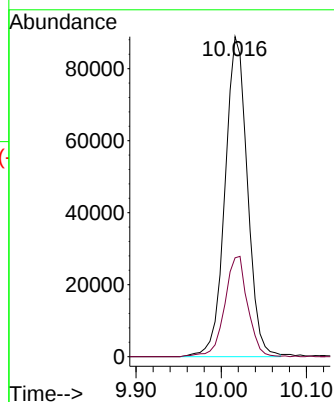
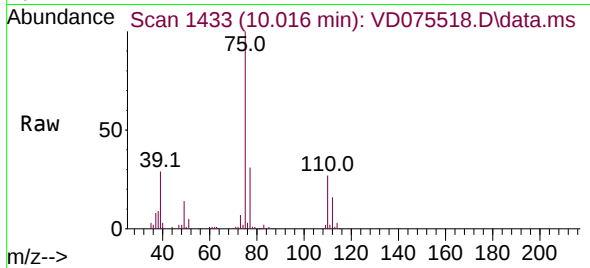




#39
 cis-1,3-Dichloropropene
 Concen: 26.658 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

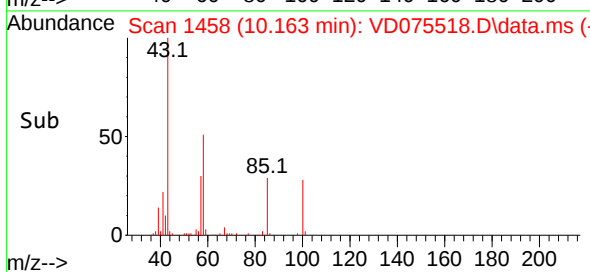
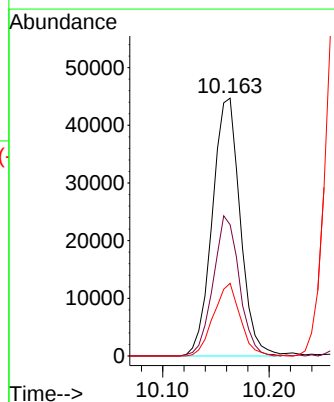
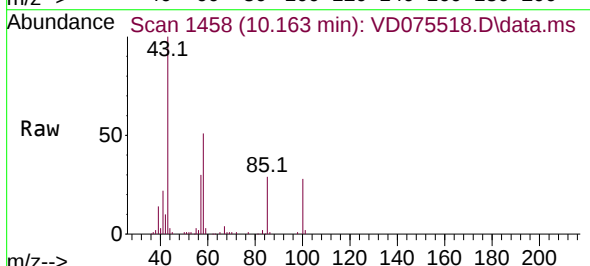
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025109

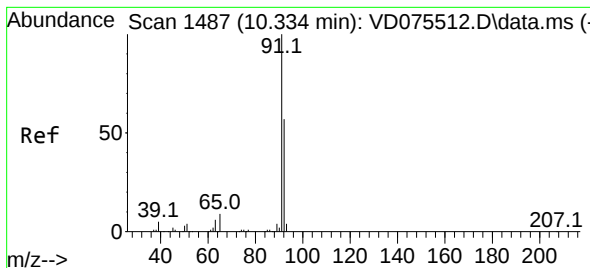
Tgt Ion: 75 Resp: 162405
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 53.229 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

Tgt Ion: 43 Resp: 81260
 Ion Ratio Lower Upper
 43 100
 58 50.9 39.0 58.6
 100 26.9 18.7 28.1





#42

Toluene

Concen: 28.344 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

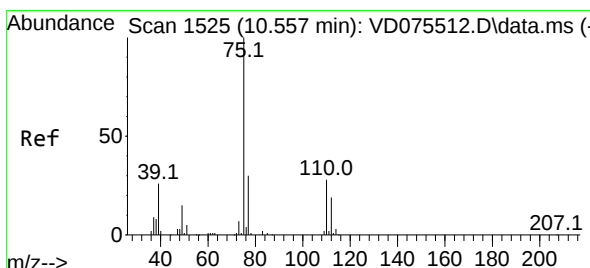
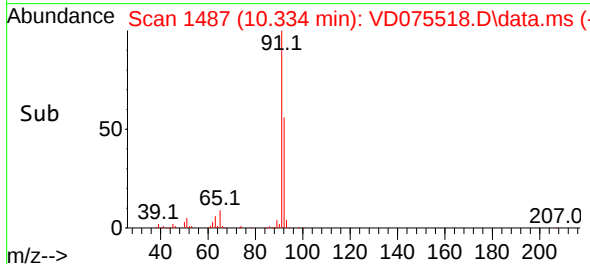
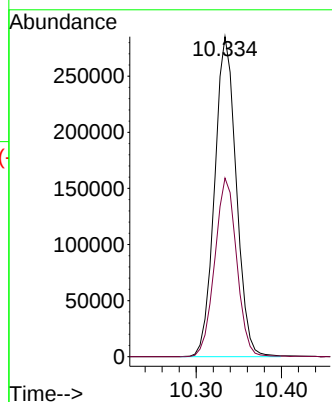
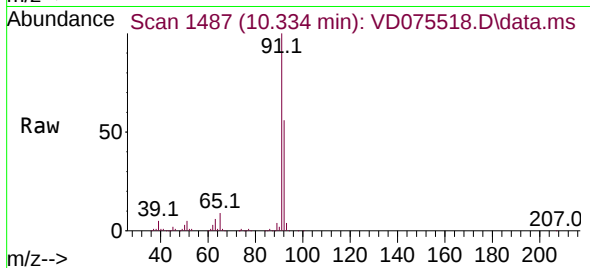
VSTD025109

Tgt Ion: 91 Resp: 502691

Ion Ratio Lower Upper

91 100

92 55.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.628 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075518.D

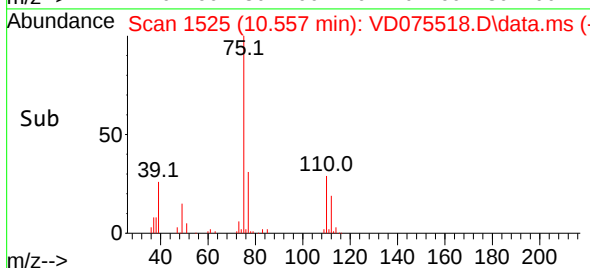
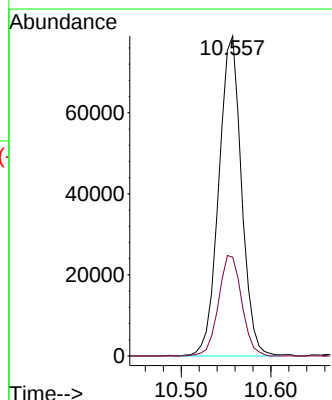
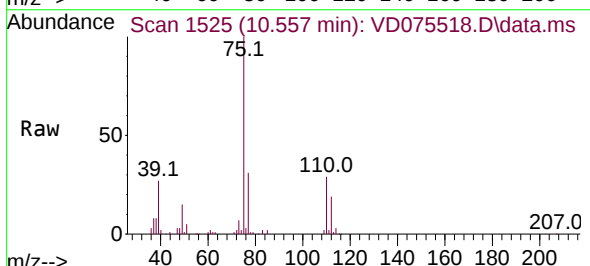
Acq: 20 Mar 2023 17:04

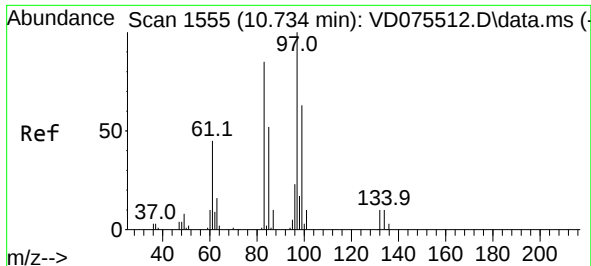
Tgt Ion: 75 Resp: 138677

Ion Ratio Lower Upper

75 100

77 30.9 22.4 41.6

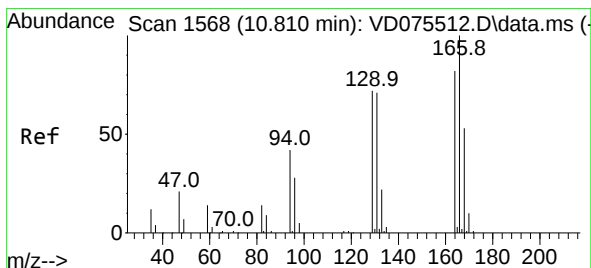
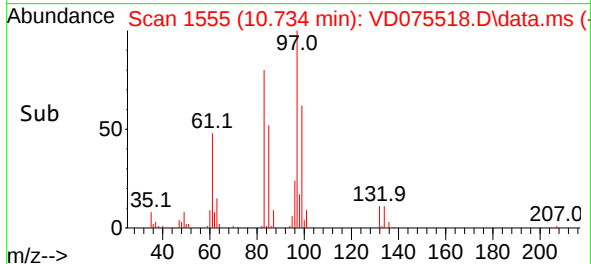
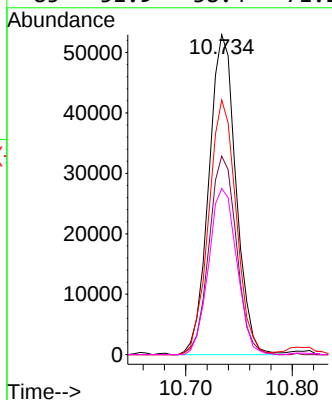
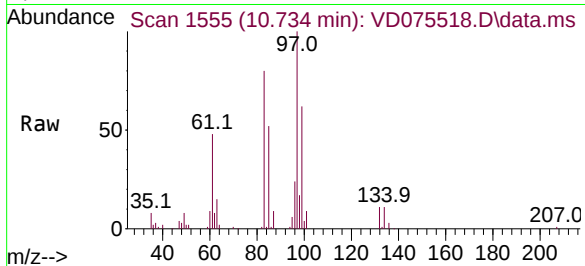




#45
1,1,2-Trichloroethane
Concen: 29.483 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

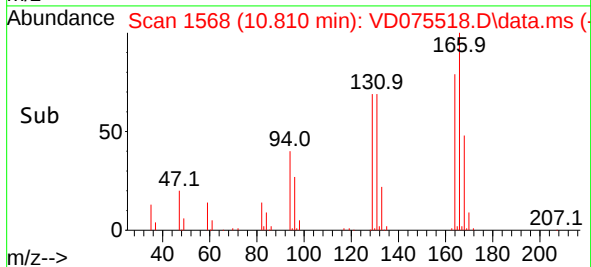
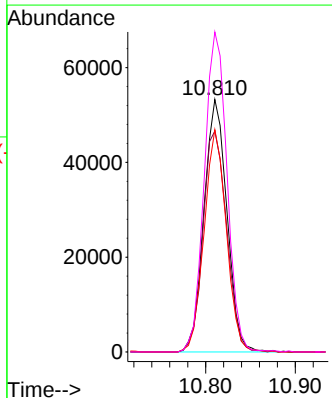
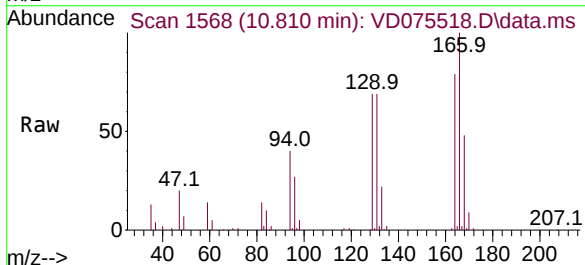
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

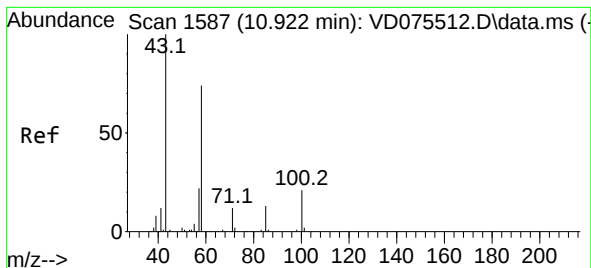
Tgt Ion: 97	Resp: 93742
Ion Ratio	Lower Upper
97 100	
99 62.0	40.9 76.0
83 79.6	57.7 107.1
85 51.9	38.4 71.2



#46
Tetrachloroethene
Concen: 29.253 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt	Ion:164	Resp:	94834
Ion	Ratio	Lower	Upper
164	100		
129	87.5	65.4	121.4
131	88.0	64.1	119.1
166	126.7	88.5	164.3





#48

2-Hexanone

Concen: 53.487 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD025109

Tgt Ion: 43 Resp: 60077

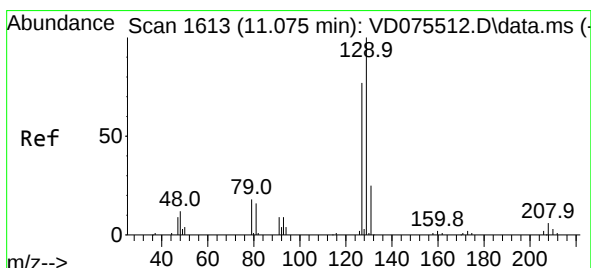
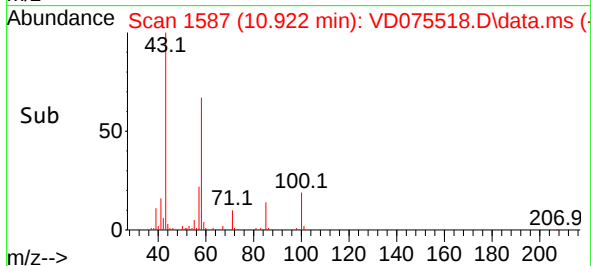
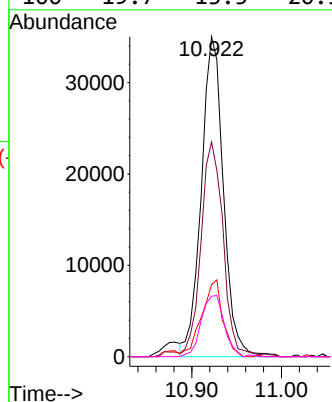
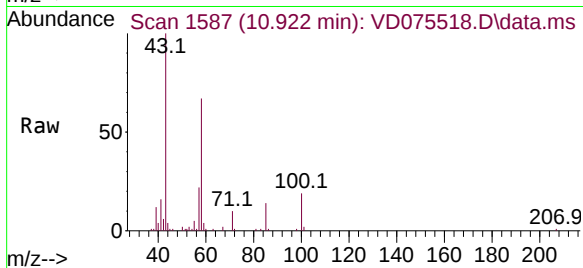
Ion Ratio Lower Upper

43 100

58 65.5 53.1 79.7

57 22.9 16.7 25.1

100 19.7 13.5 20.3



#49

Dibromochloromethane

Concen: 30.034 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075518.D

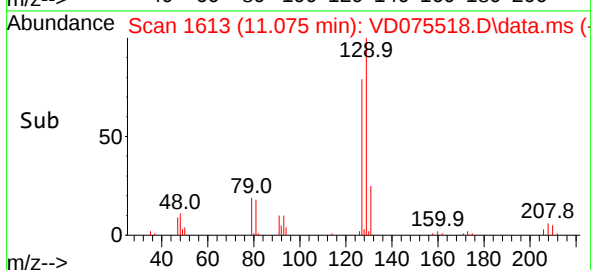
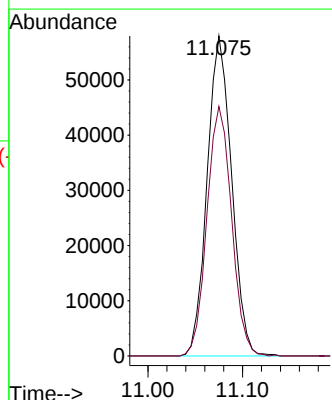
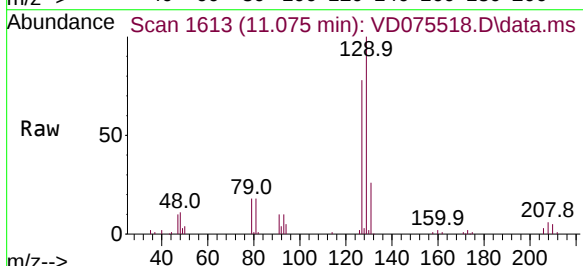
Acq: 20 Mar 2023 17:04

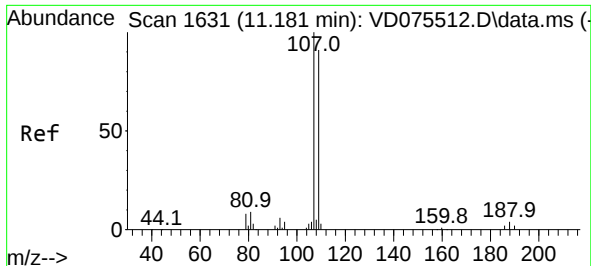
Tgt Ion:129 Resp: 104312

Ion Ratio Lower Upper

129 100

127 77.9 53.7 99.7

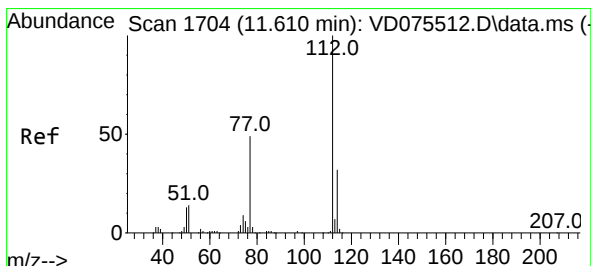
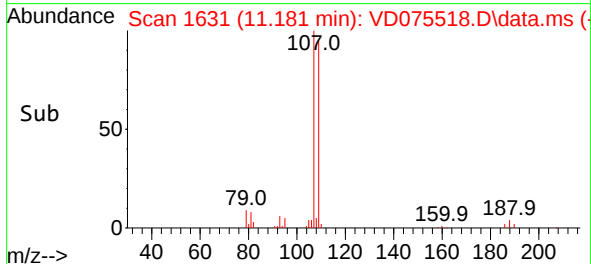
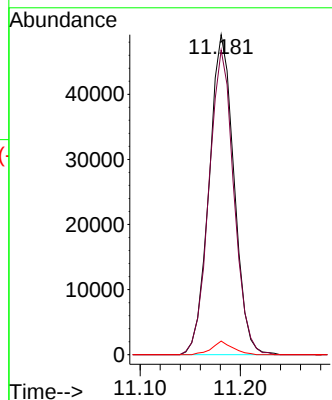
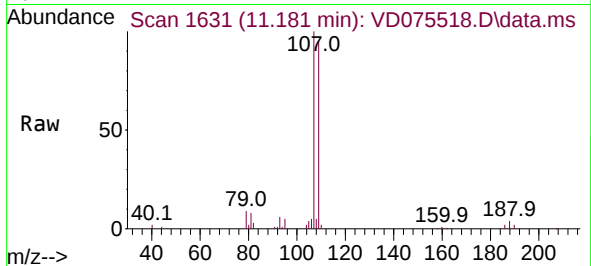




#50
1,2-Dibromoethane
Concen: 29.550 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

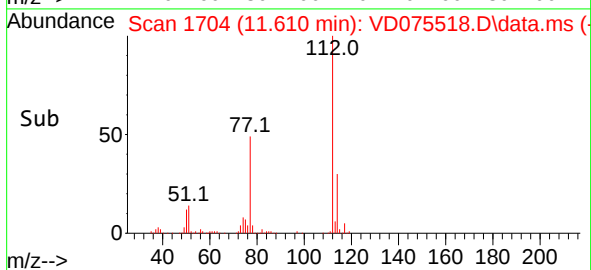
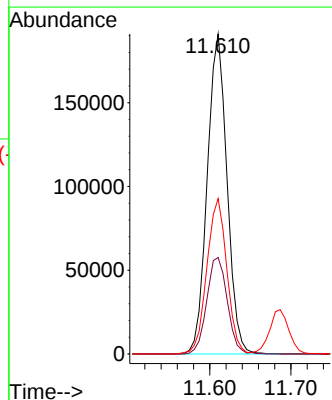
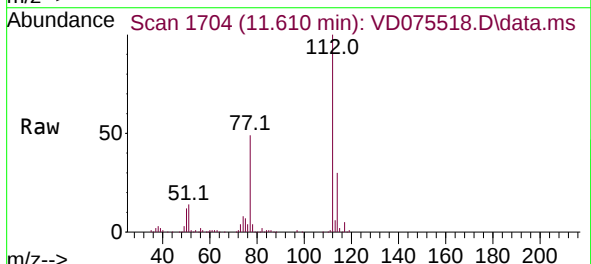
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

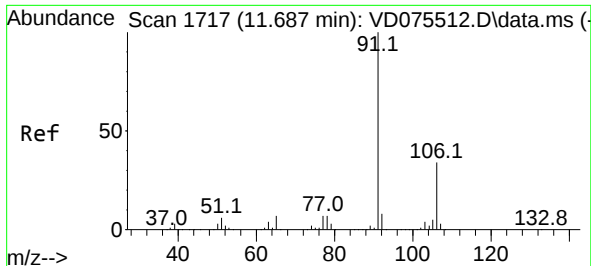
Tgt Ion:107 Resp: 84929
Ion Ratio Lower Upper
107 100
109 95.2 64.2 119.2
188 4.3 2.3 3.5#



#51
Chlorobenzene
Concen: 27.989 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion:112 Resp: 322636
Ion Ratio Lower Upper
112 100
114 30.2 22.3 41.3
77 48.6 40.2 60.2

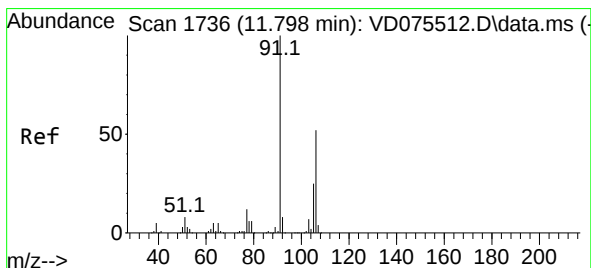
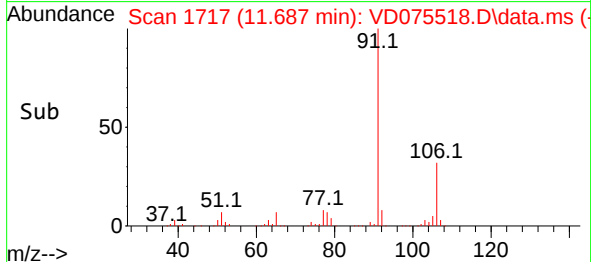
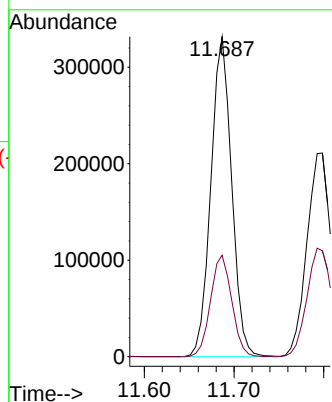
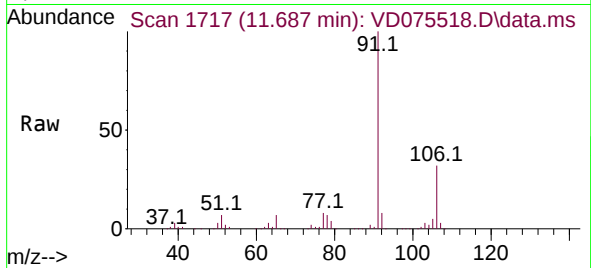




#52
Ethylbenzene
Concen: 28.246 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

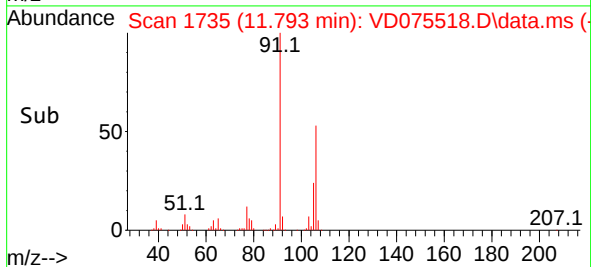
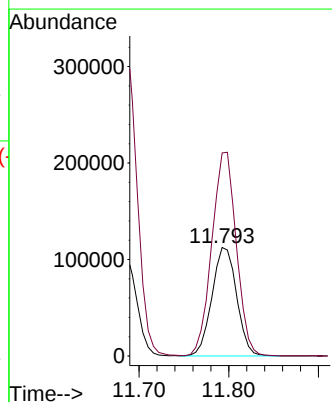
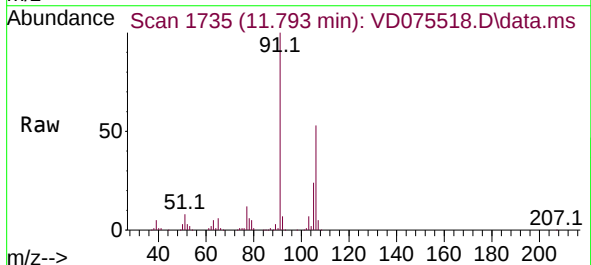
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

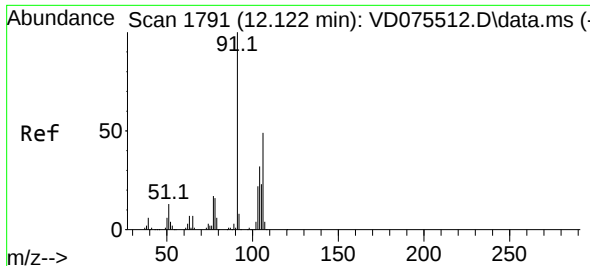
Tgt Ion: 91 Resp: 532729
Ion Ratio Lower Upper
91 100
106 31.7 23.1 42.9



#53
m,p-Xylene
Concen: 28.899 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.005 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion: 106 Resp: 214745
Ion Ratio Lower Upper
106 100
91 187.2 134.1 249.1

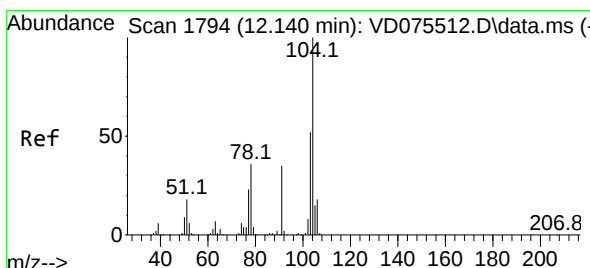
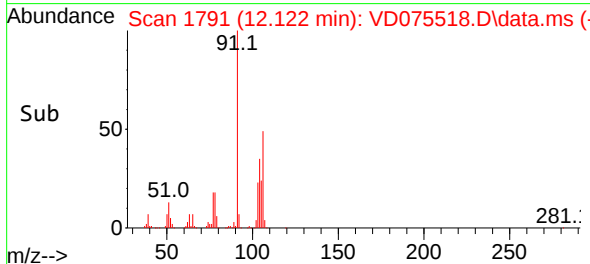
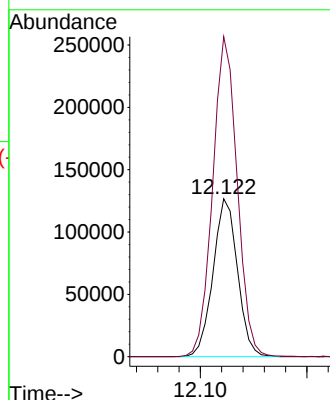
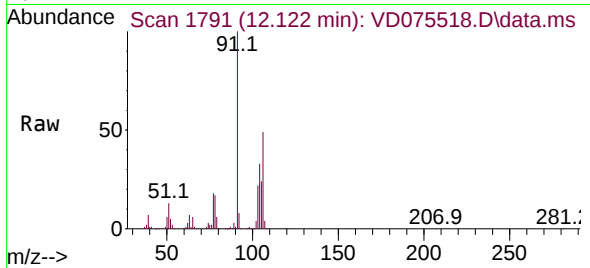




#54
o-Xylene
Concen: 28.669 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

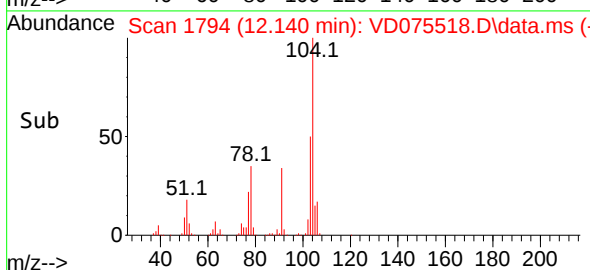
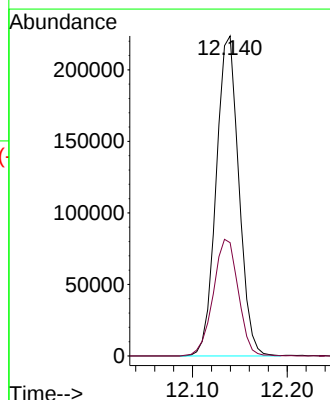
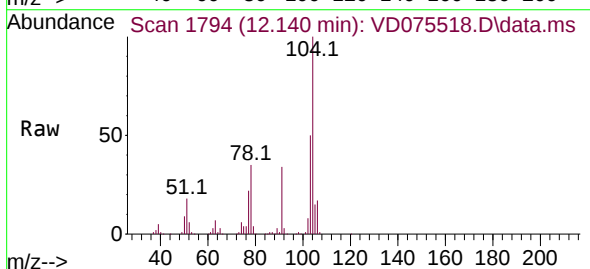
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

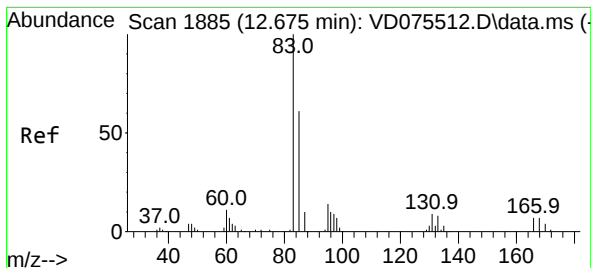
Tgt Ion:106 Resp: 201524
Ion Ratio Lower Upper
106 100
91 202.6 142.3 264.3



#55
Styrene
Concen: 29.807 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion:104 Resp: 372127
Ion Ratio Lower Upper
104 100
78 35.4 26.0 48.2





#57

1,1,2,2-Tetrachloroethane

Concen: 29.554 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD025109

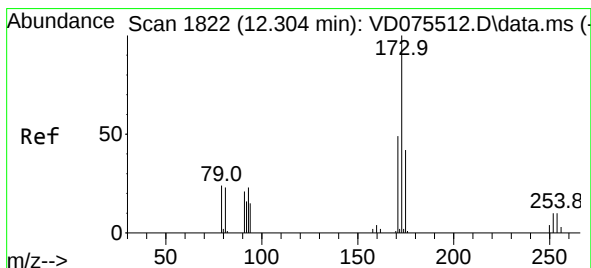
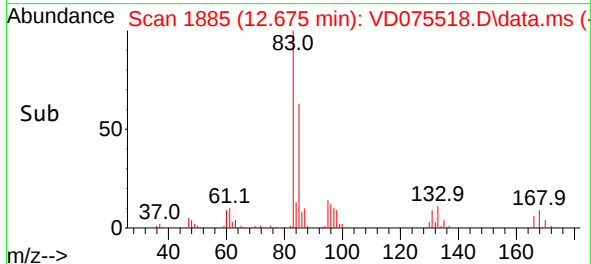
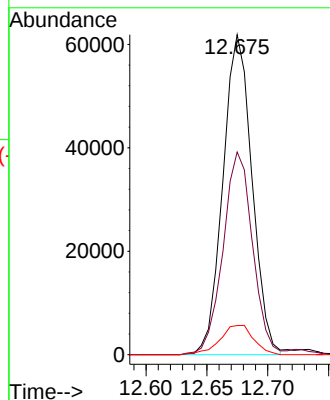
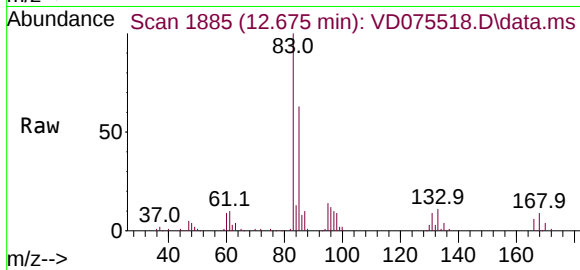
Tgt Ion: 83 Resp: 102844

Ion Ratio Lower Upper

83 100

85 63.3 46.3 85.9

131 9.1 8.1 12.1



#59

Bromoform

Concen: 28.858 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

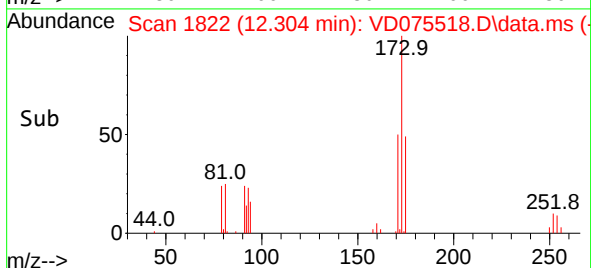
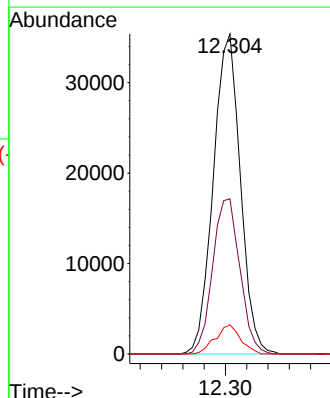
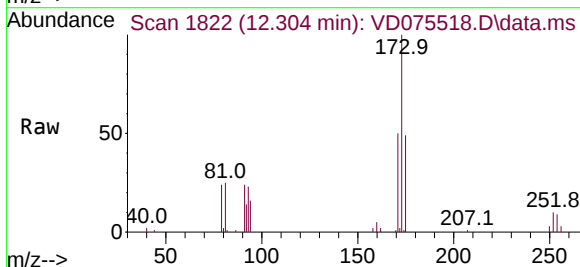
Tgt Ion:173 Resp: 62393

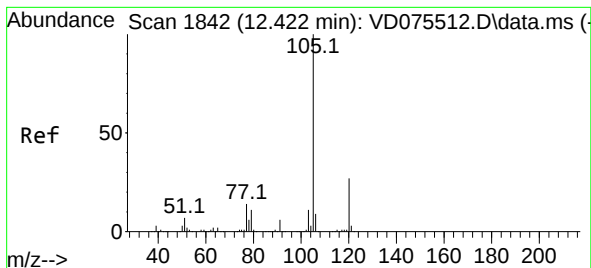
Ion Ratio Lower Upper

173 100

175 48.8 39.3 58.9

254 8.5 7.3 10.9





#60

Isopropylbenzene

Concen: 27.413 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD025109

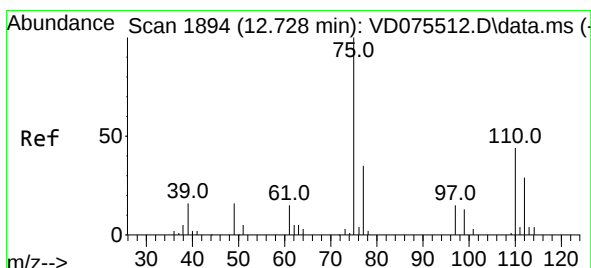
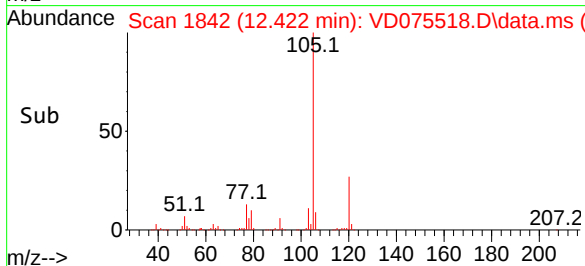
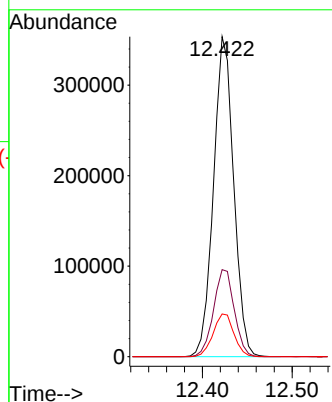
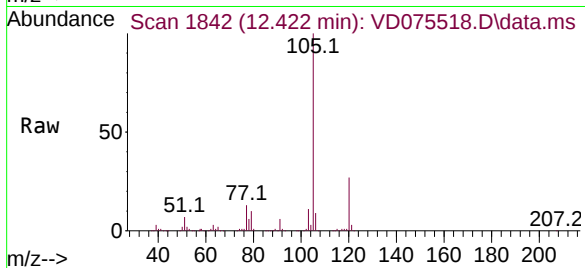
Tgt Ion:105 Resp: 552407

Ion Ratio Lower Upper

105 100

120 27.9 21.8 32.6

77 13.8 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 26.519 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

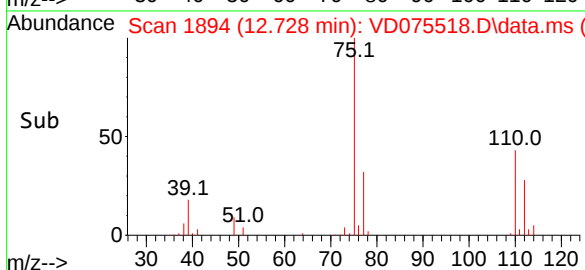
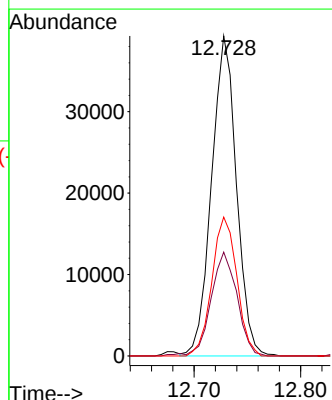
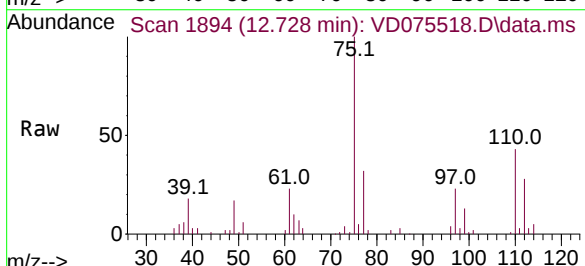
Tgt Ion: 75 Resp: 63695

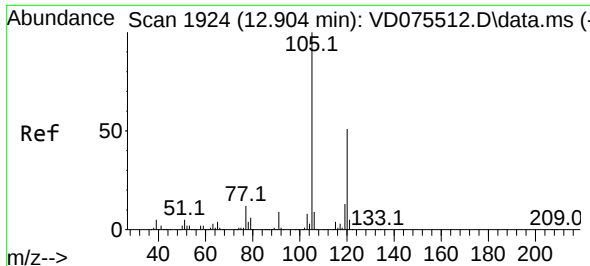
Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.4

110 43.5 33.2 49.8

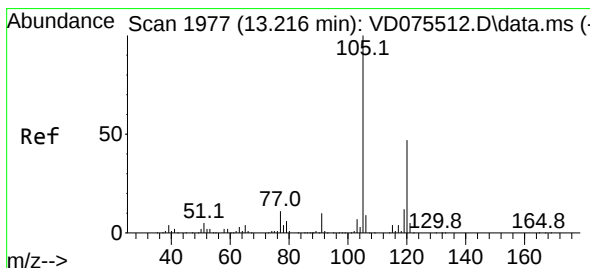
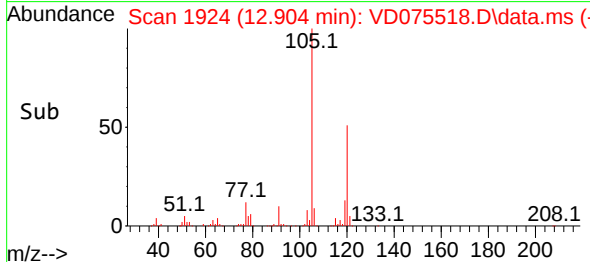
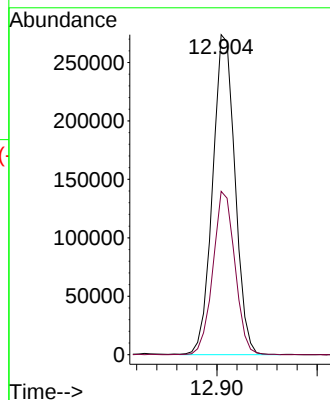
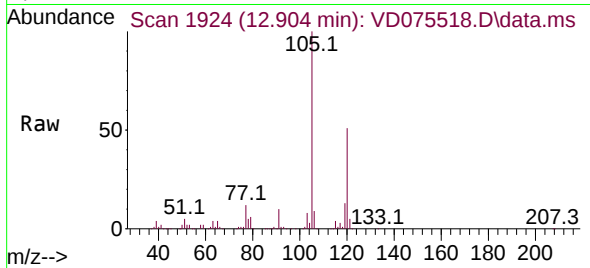




#62
1,3,5-Trimethylbenzene
Concen: 28.011 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

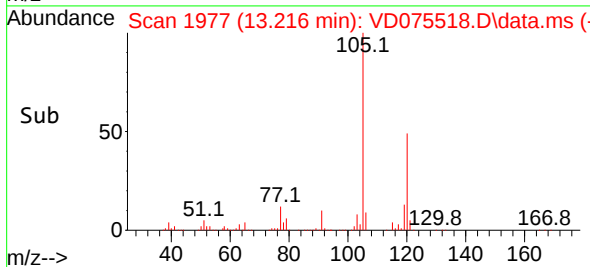
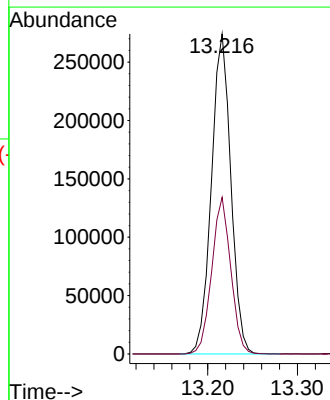
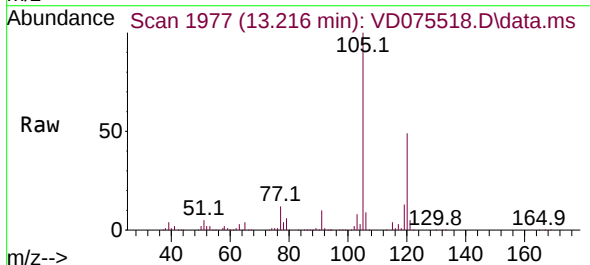
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

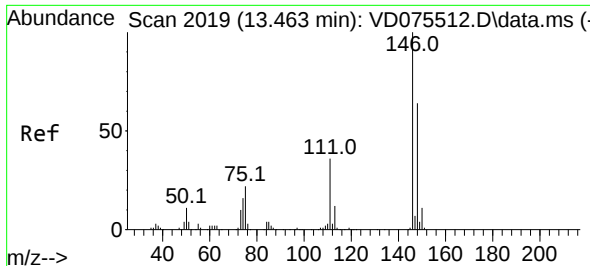
Tgt Ion:105 Resp: 423734
Ion Ratio Lower Upper
105 100
120 49.9 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 27.848 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion:105 Resp: 411919
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.2

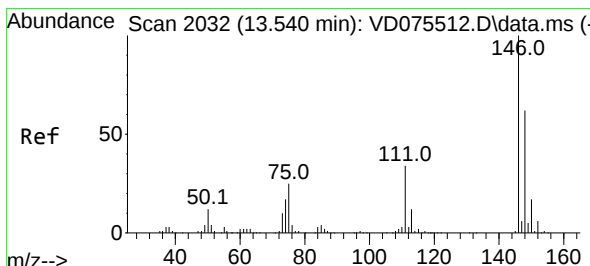
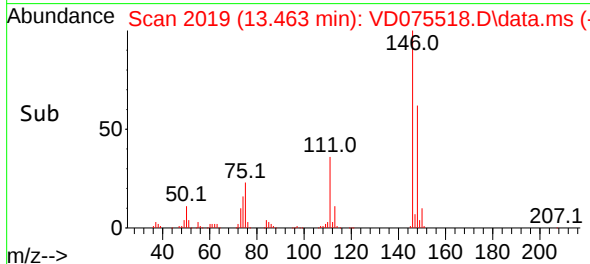
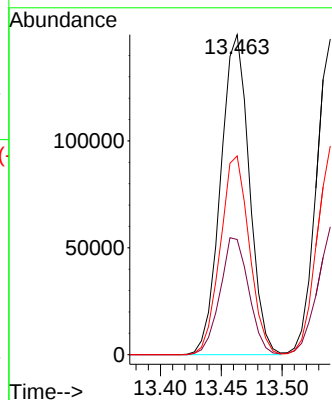
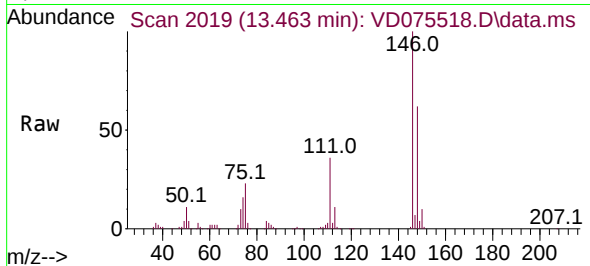




#64
1,3-Dichlorobenzene
Concen: 27.488 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

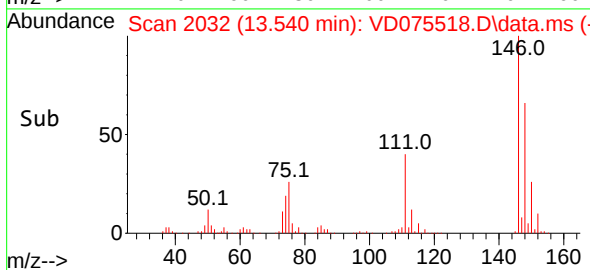
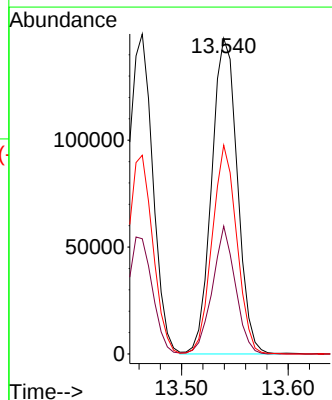
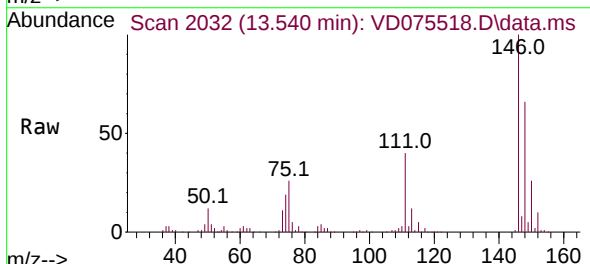
Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

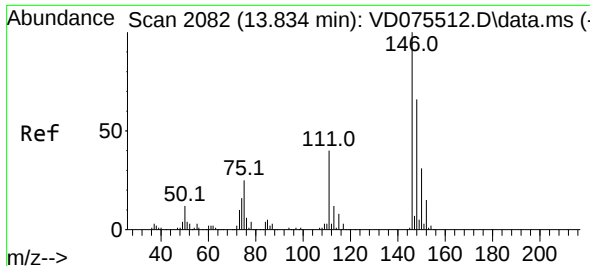
Tgt Ion:146 Resp: 245035
Ion Ratio Lower Upper
146 100
111 36.0 26.0 48.2
148 62.1 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 27.009 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion:146 Resp: 247670
Ion Ratio Lower Upper
146 100
111 40.5 24.8 46.1
148 66.1 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 27.489 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

Instrument :

MSVOA_D

ClientSampleId :

VSTD025109

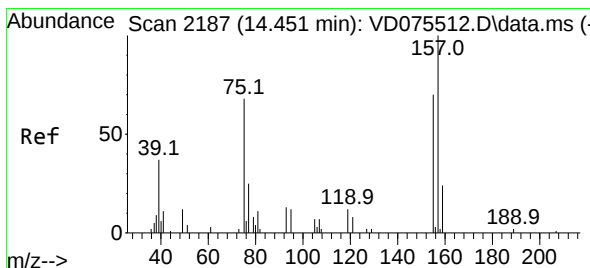
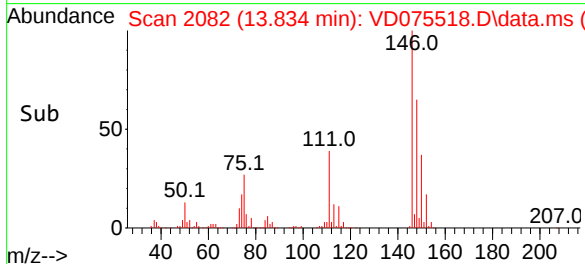
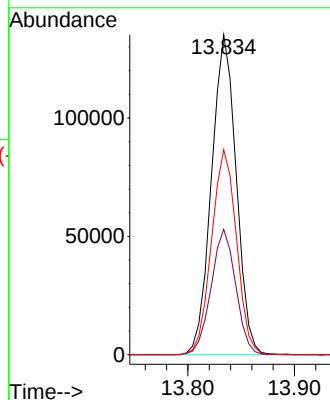
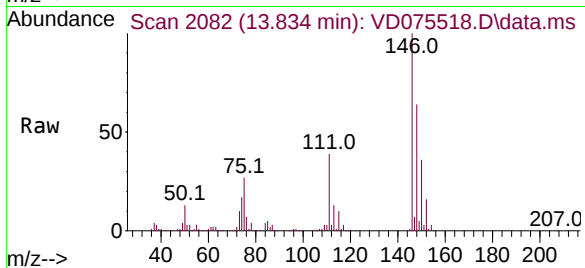
Tgt Ion:146 Resp: 218339

Ion Ratio Lower Upper

146 100

111 39.2 31.0 46.6

148 64.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 29.102 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075518.D

Acq: 20 Mar 2023 17:04

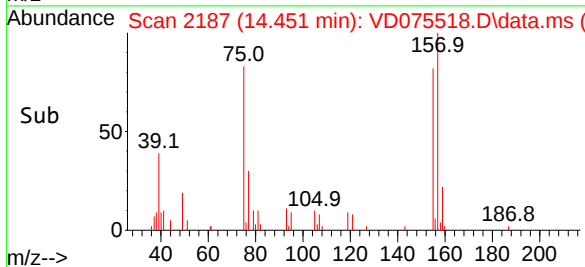
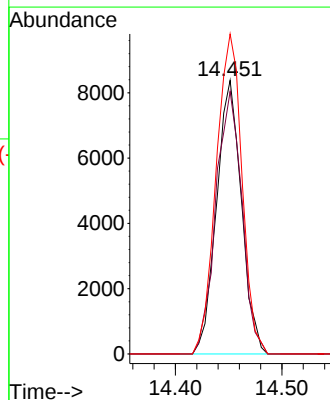
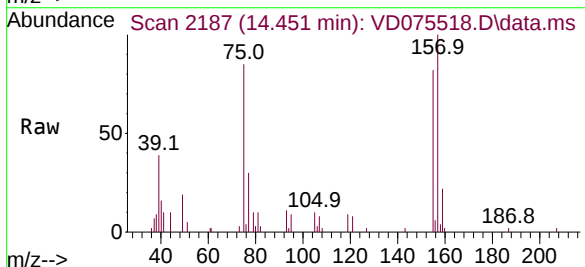
Tgt Ion: 75 Resp: 13574

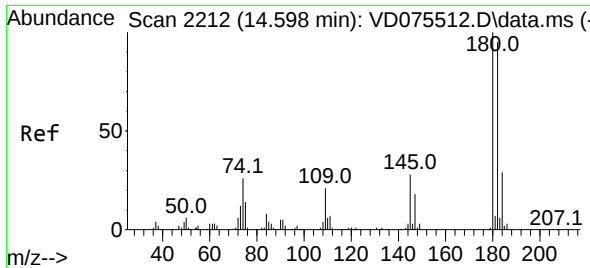
Ion Ratio Lower Upper

75 100

155 96.0 71.3 106.9

157 117.0 85.8 128.6

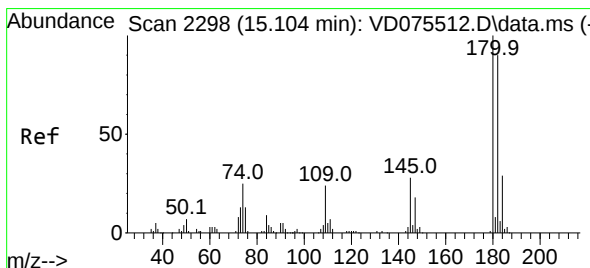
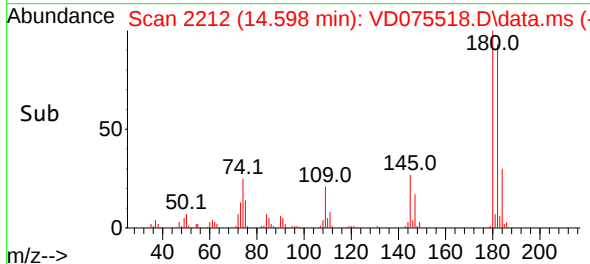
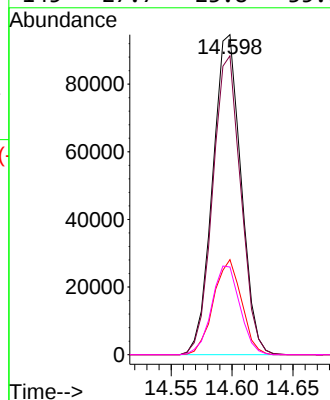
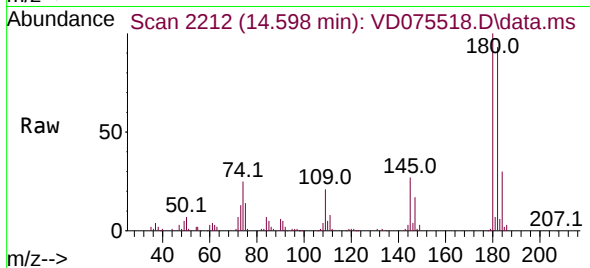




#69
 1,3,5-Trichlorobenzene
 Concen: 27.436 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

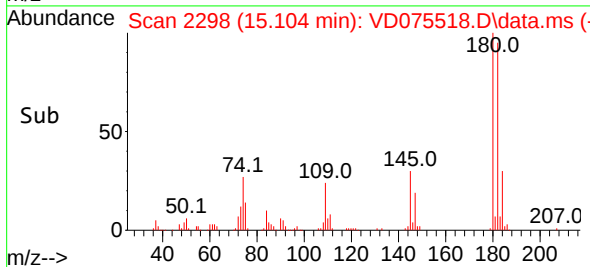
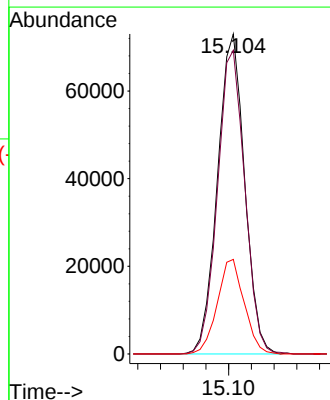
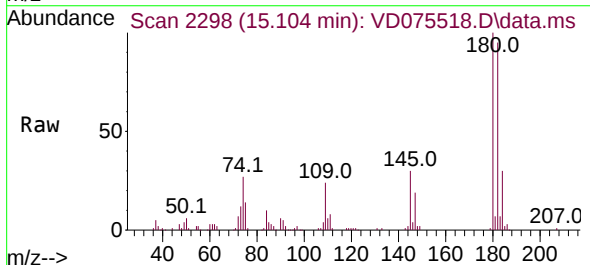
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025109

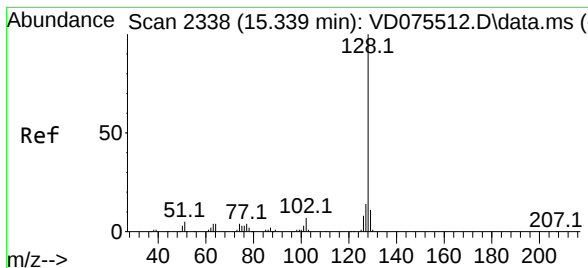
Tgt Ion:180 Resp: 153367
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.5 114.7
 184 29.4 23.6 35.4
 145 27.7 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 26.926 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075518.D
 Acq: 20 Mar 2023 17:04

Tgt Ion:180 Resp: 121024
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.3 111.5
 145 29.3 23.0 34.6

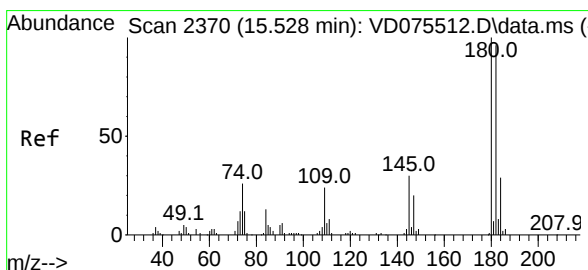
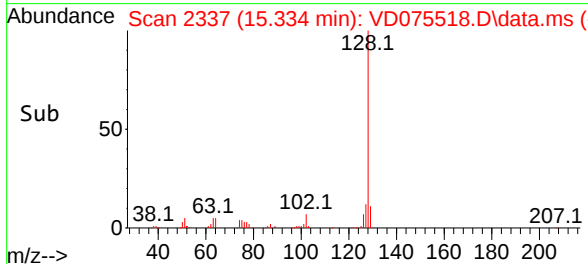
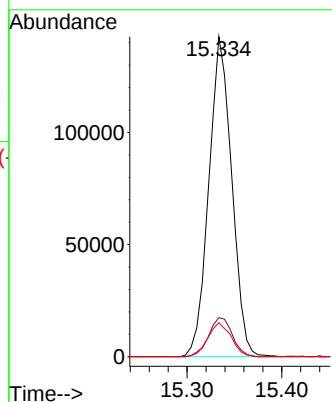
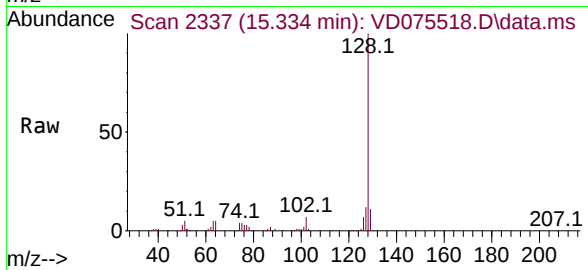




#71
Naphthalene
Concen: 26.984 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Instrument :
MSVOA_D
ClientSampleId :
VSTD025109

Tgt Ion:128 Resp: 240553
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 27.839 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075518.D
Acq: 20 Mar 2023 17:04

Tgt Ion:180 Resp: 110291
Ion Ratio Lower Upper
180 100
182 93.7 75.3 112.9
145 31.2 25.1 37.7

