

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
 Data File : VD075433.D
 Acq On : 02 Mar 2023 09:59
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025102

Quant Time: Mar 03 04:36:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:15:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	343557	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	312056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	158316	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	165328	19.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.520%
7) Chloroethane-d5	2.805	69	152495	20.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.640%
11) 1,1-Dichloroethene-d2	3.928	63	171676	21.546	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.200%
21) 2-Butanone-d5	6.993	46	38732	48.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.000%
24) Chloroform-d	7.569	84	201442	22.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.480%
26) 1,2-Dichloroethane-d4	8.234	65	87187	22.353	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	8.205	84	405248	21.867	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.480%
36) 1,2-Dichloropropane-d6	9.210	67	116857	22.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	10.269	98	379933	22.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.880%
43) trans-1,3-Dichloroprop...	10.528	79	47785	22.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.280%
47) 2-Hexanone-d5	10.881	63	36285	48.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100401	22.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	119864	21.645	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	133213	25.203	ug/L	98
3) Chloromethane	2.152	50	177773	20.000	ug/L	97
5) Vinyl chloride	2.287	62	269225	24.084	ug/L	100
6) Bromomethane	2.699	94	180192	34.012	ug/L	99
8) Chloroethane	2.840	64	181359	25.799	ug/L	97
9) Trichlorofluoromethane	3.181	101	214450	25.627	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	150379	26.013	ug/L	99
12) 1,1-Dichloroethene	3.946	96	129977	25.534	ug/L	93
13) Acetone	4.022	43	48511	54.325	ug/L	98
14) Carbon disulfide	4.275	76	355286	24.961	ug/L	99
15) Methyl Acetate	4.569	43	40033	26.417	ug/L	97
16) Methylene chloride	4.805	84	147420	20.317	ug/L	91
17) trans-1,2-Dichloroethene	5.316	96	139835	25.627	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	271709	26.794	ug/L	100
19) 1,1-Dichloroethane	6.116	63	237797	25.761	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	158697	25.746	ug/L	96
22) 2-Butanone	7.081	43	58663	51.769	ug/L	99
23) Bromochloromethane	7.428	128	69506	26.320	ug/L	96
25) Chloroform	7.599	83	259809	25.813	ug/L	99

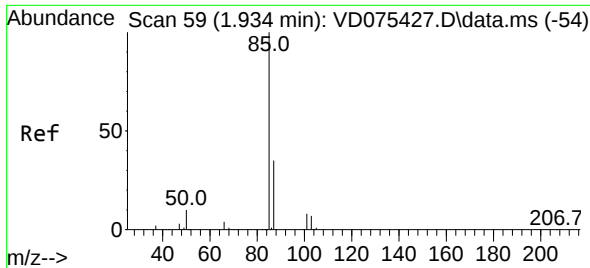
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030223\
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 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:15:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	143703	26.475	ug/L	99
29) Cyclohexane	7.881	56	174330	26.108	ug/L	97
30) 1,1,1-Trichloroethane	7.799	97	214509	25.565	ug/L	99
31) Carbon tetrachloride	7.993	117	175465	26.329	ug/L	98
33) Benzene	8.252	78	574944	25.637	ug/L	100
34) Trichloroethene	9.028	95	148622	25.376	ug/L	92
35) Methylcyclohexane	9.275	83	238913	26.130	ug/L	100
37) 1,2-Dichloropropane	9.305	63	143861	26.105	ug/L	98
38) Bromodichloromethane	9.587	83	188974	25.923	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	224407	26.608	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	117708	55.697	ug/L	100
42) Toluene	10.334	91	652777	26.588	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	188703	27.157	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	117872	26.780	ug/L	99
46) Tetrachloroethene	10.810	164	116844	26.036	ug/L	96
48) 2-Hexanone	10.922	43	86803	55.825	ug/L	99
49) Dibromochloromethane	11.075	129	129515	26.937	ug/L	100
50) 1,2-Dibromoethane	11.181	107	106314	26.721	ug/L	98
51) Chlorobenzene	11.610	112	423549	26.542	ug/L	99
52) Ethylbenzene	11.687	91	694694	26.607	ug/L	99
53) m,p-Xylene	11.799	106	278806	27.103	ug/L	97
54) o-Xylene	12.122	106	262290	26.954	ug/L	98
55) Styrene	12.140	104	471454	27.278	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	129822	26.949	ug/L	96
59) Bromoform	12.304	173	76507	26.781	ug/L	98
60) Isopropylbenzene	12.428	105	707887	26.586	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	85249	26.862	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	537070	26.870	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	531509	27.195	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	304980	25.893	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	310000	25.586	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	276692	26.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	16957	27.514	ug/L	91
69) 1,3,5-Trichlorobenzene	14.598	180	194005	26.266	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	155882	26.249	ug/L	98
71) Naphthalene	15.339	128	316686	26.886	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	137588	26.284	ug/L	97

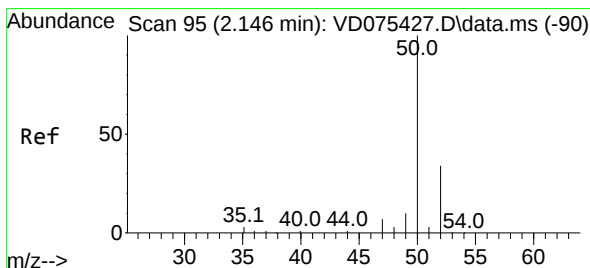
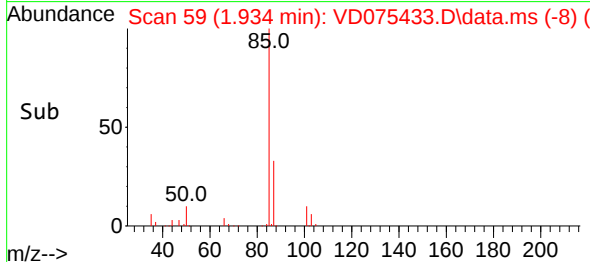
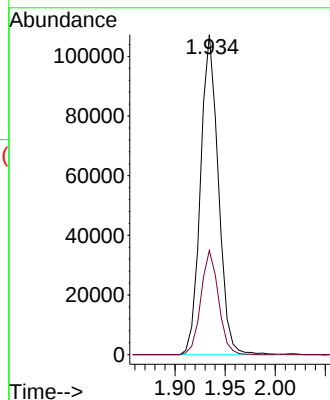
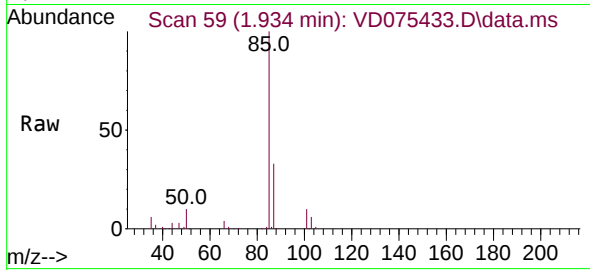
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 25.203 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

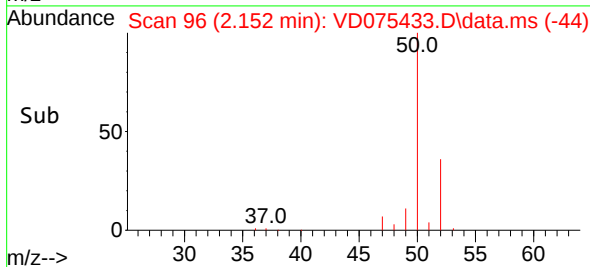
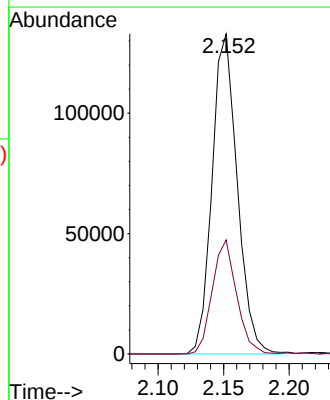
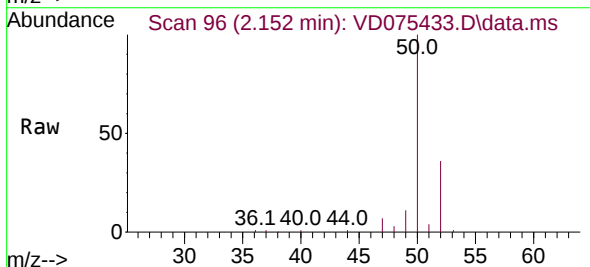
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

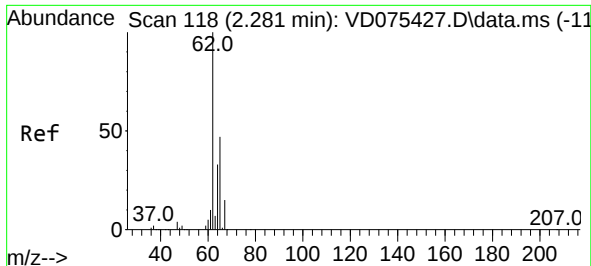
Tgt Ion: 85 Resp: 133213
Ion Ratio Lower Upper
85 100
87 32.0 26.4 39.6



#3
Chloromethane
Concen: 20.000 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 50 Resp: 177773
Ion Ratio Lower Upper
50 100
52 35.6 23.7 43.9

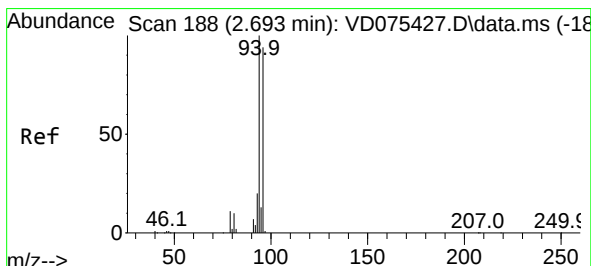
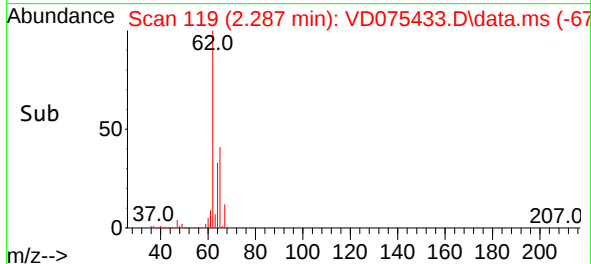
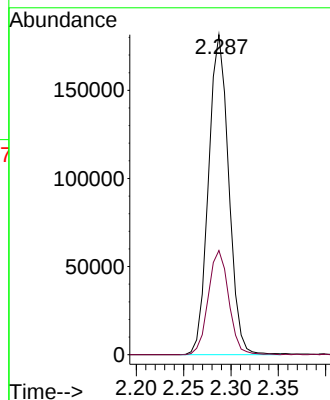
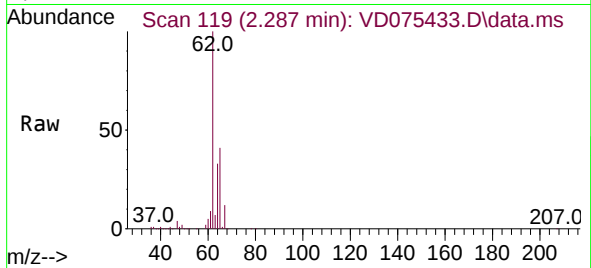




#5
 Vinyl chloride
 Concen: 24.084 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD075433.D
 Acq: 02 Mar 2023 09:59

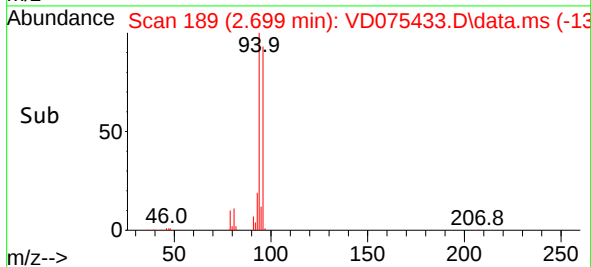
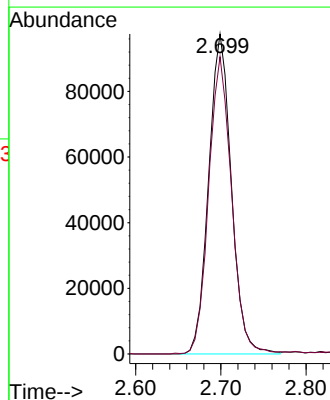
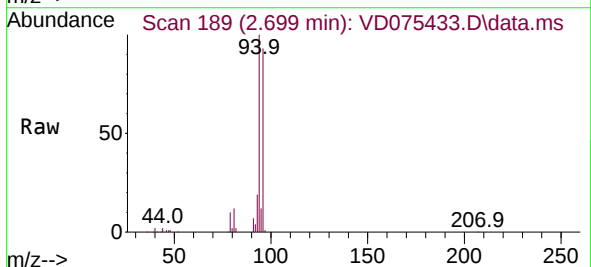
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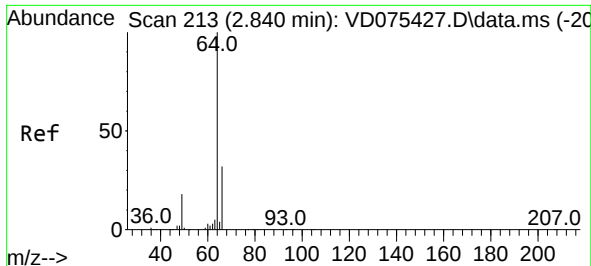
Tgt Ion: 62 Resp: 269225
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.7 42.3



#6
 Bromomethane
 Concen: 34.012 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.006 min
 Lab File: VD075433.D
 Acq: 02 Mar 2023 09:59

Tgt Ion: 94 Resp: 180192
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.9 122.5

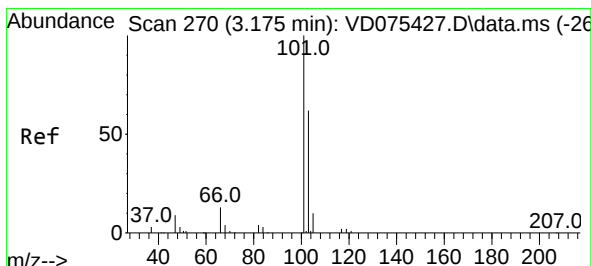
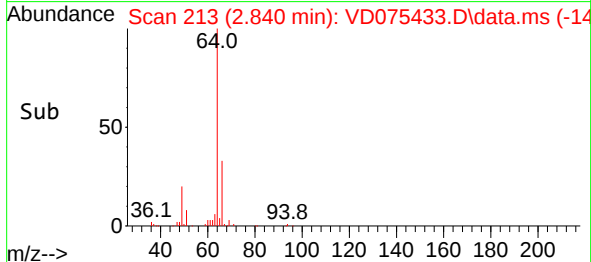
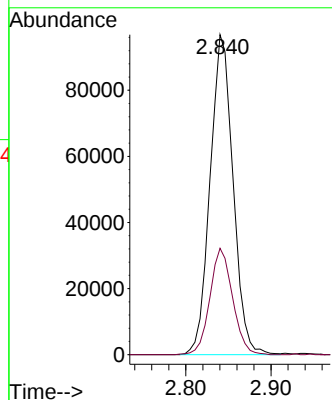
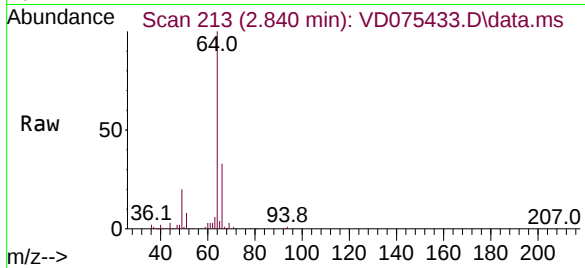




#8
Chloroethane
Concen: 25.799 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

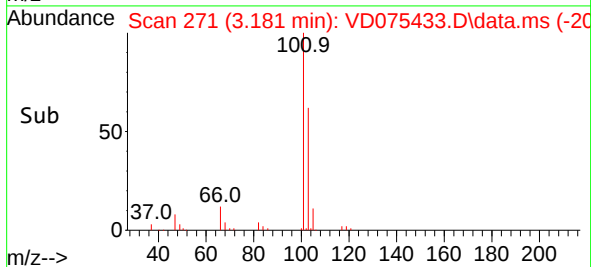
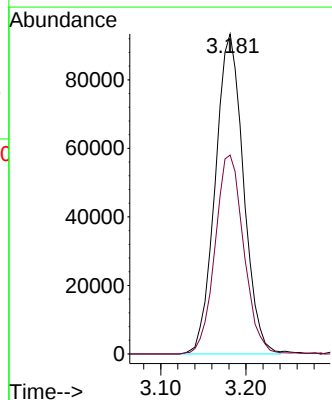
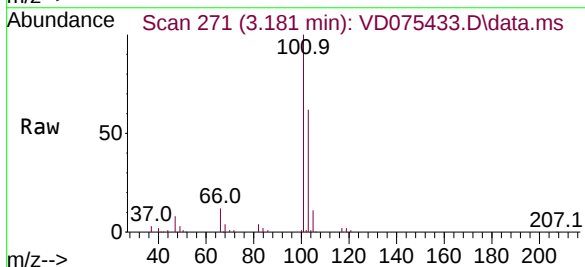
Instrument :
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ClientSampleId :
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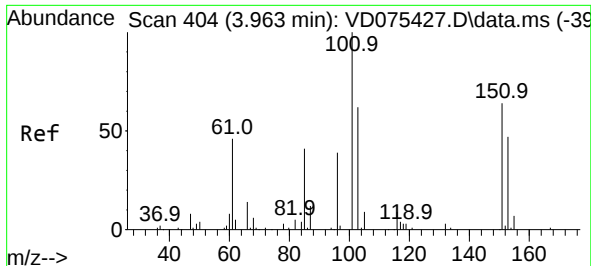
Tgt Ion: 64 Resp: 181359
Ion Ratio Lower Upper
64 100
66 33.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 25.627 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:101 Resp: 214450
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

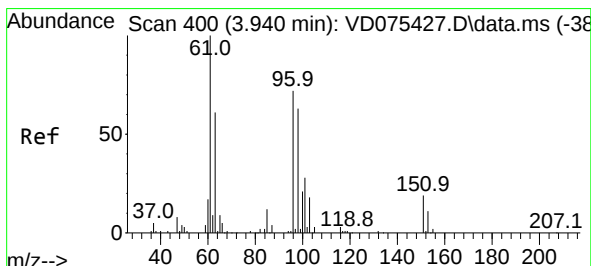
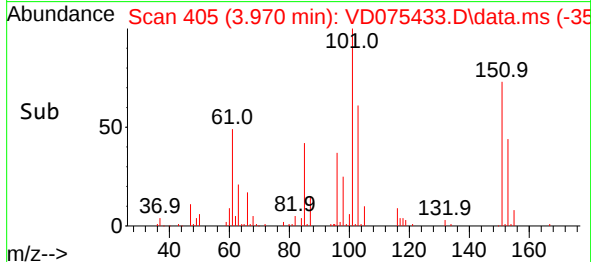
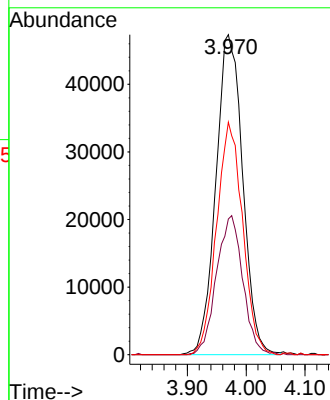
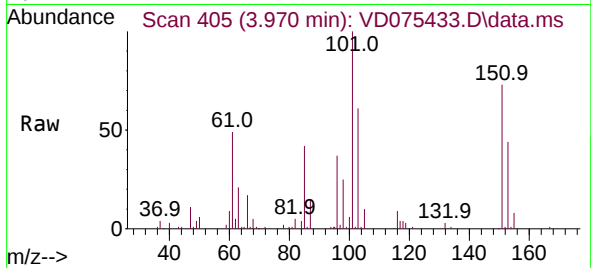




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.013 ug/L
 RT: 3.970 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075433.D
 Acq: 02 Mar 2023 09:59

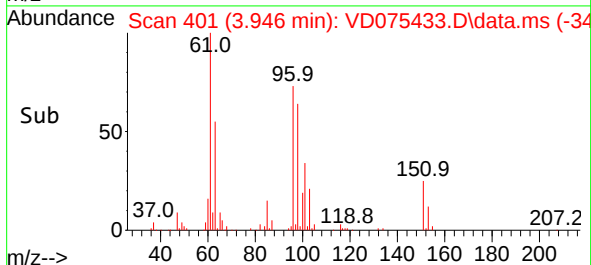
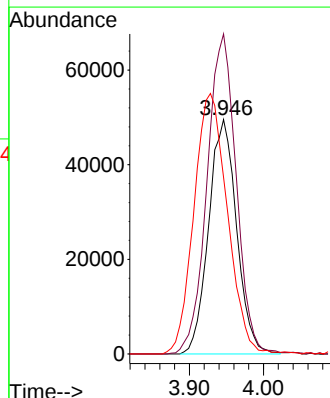
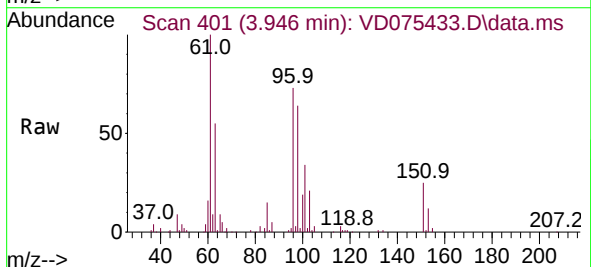
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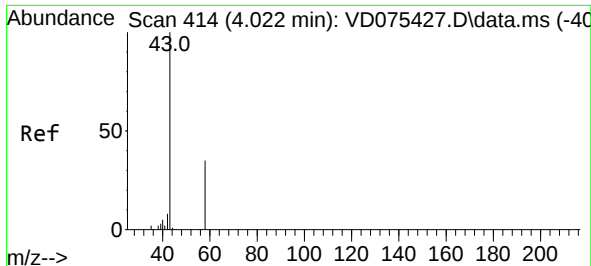
Tgt Ion:101 Resp: 150379
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.0 51.0
 151 70.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.534 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.006 min
 Lab File: VD075433.D
 Acq: 02 Mar 2023 09:59

Tgt Ion: 96 Resp: 129977
 Ion Ratio Lower Upper
 96 100
 61 136.5 97.5 181.1
 63 75.3 62.4 116.0





#13

Acetone

Concen: 54.325 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

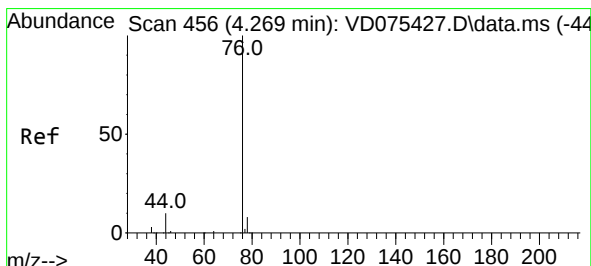
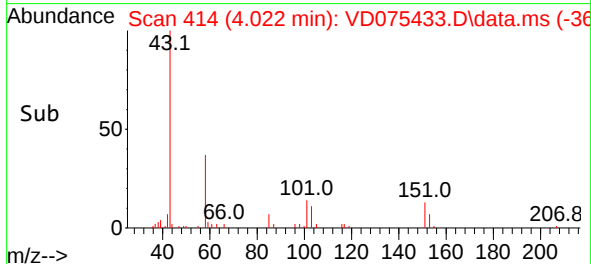
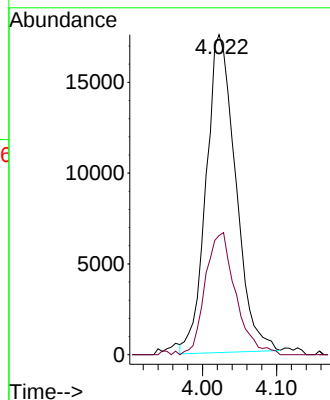
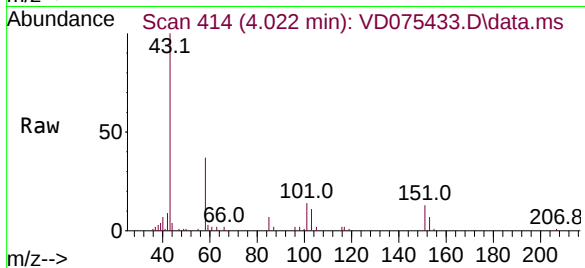
VSTD025102

Tgt Ion: 43 Resp: 48511

Ion Ratio Lower Upper

43 100

58 38.7 0.0 75.4



#14

Carbon disulfide

Concen: 24.961 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD075433.D

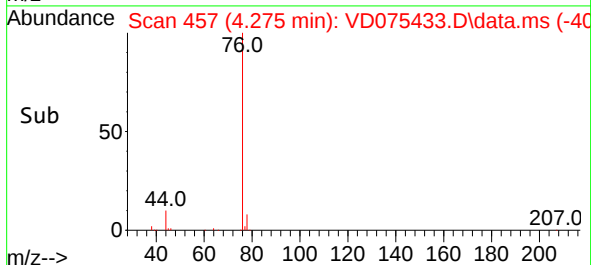
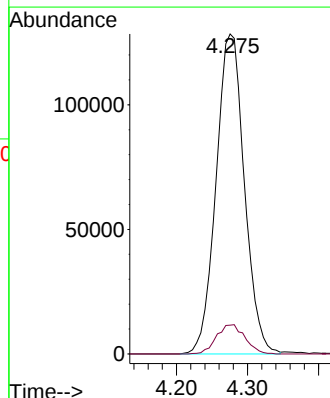
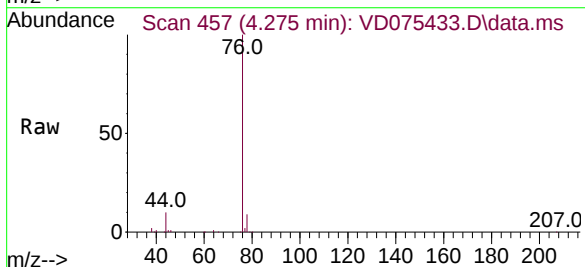
Acq: 02 Mar 2023 09:59

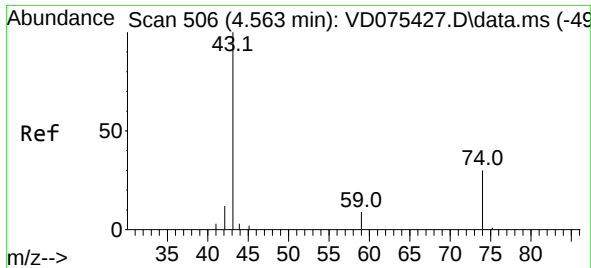
Tgt Ion: 76 Resp: 355286

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2

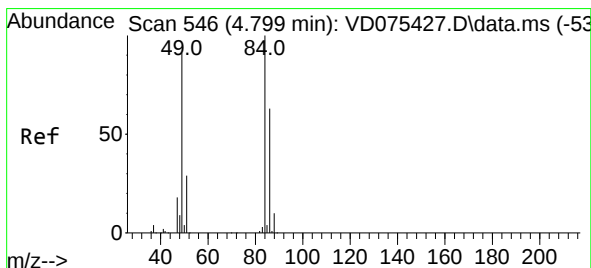
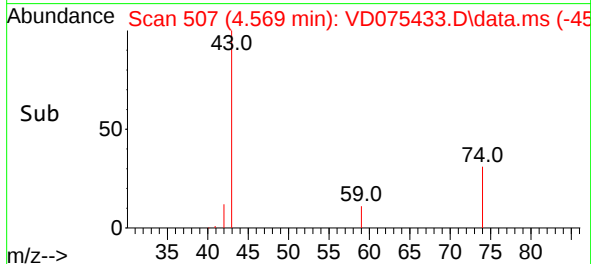
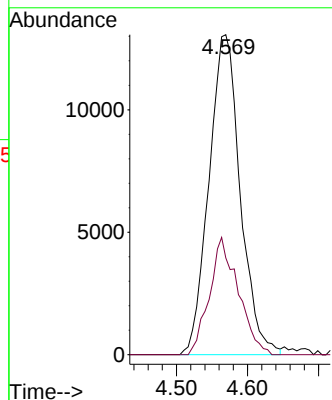
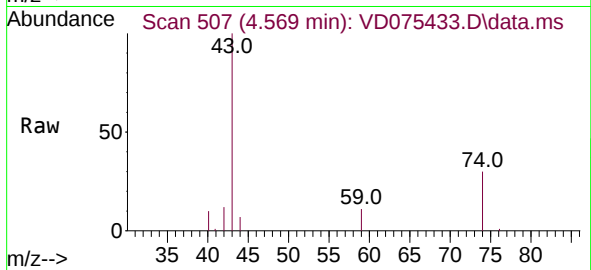




#15
Methyl Acetate
Concen: 26.417 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

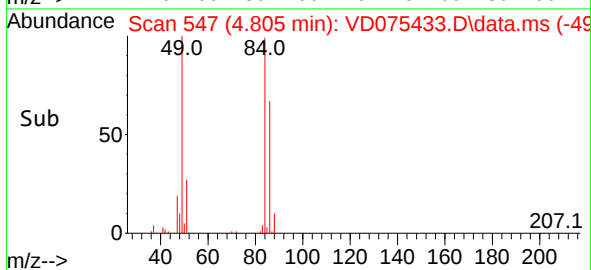
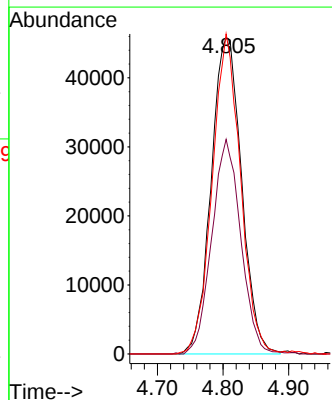
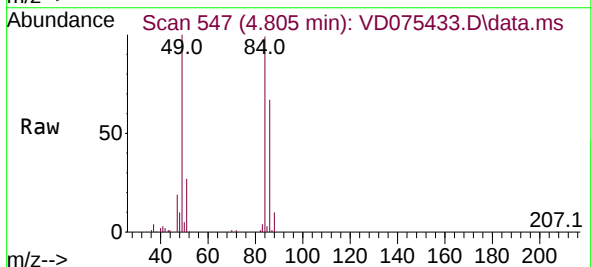
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

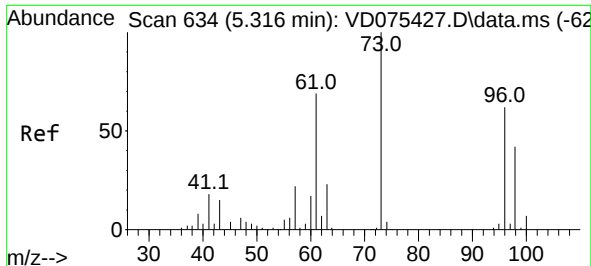
Tgt Ion: 43 Resp: 40033
Ion Ratio Lower Upper
43 100
74 33.7 25.7 38.5



#16
Methylene chloride
Concen: 20.317 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 84 Resp: 147420
Ion Ratio Lower Upper
84 100
86 67.8 44.2 82.2
49 101.1 63.6 118.2

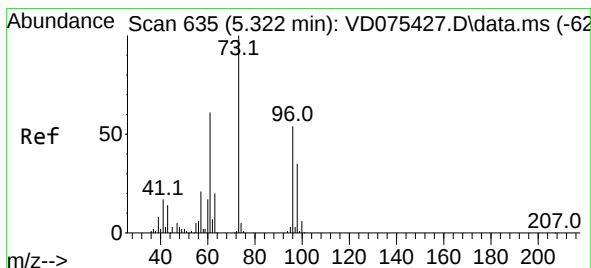
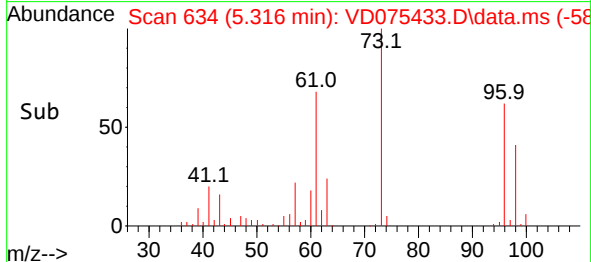
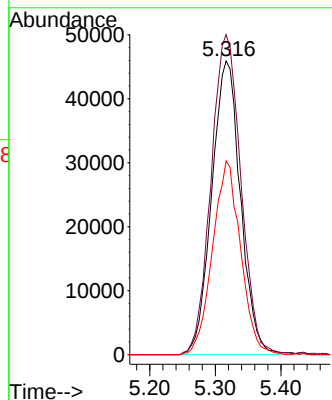
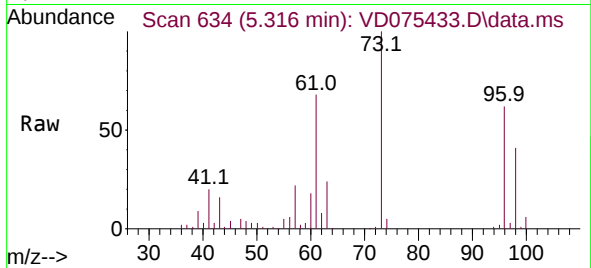




#17
trans-1,2-Dichloroethene
Concen: 25.627 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

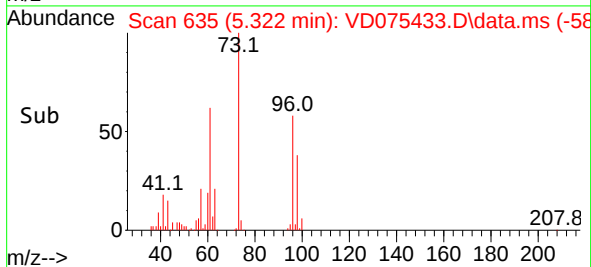
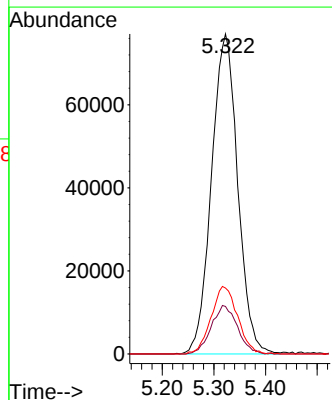
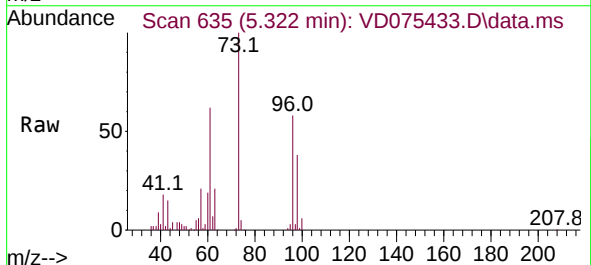
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

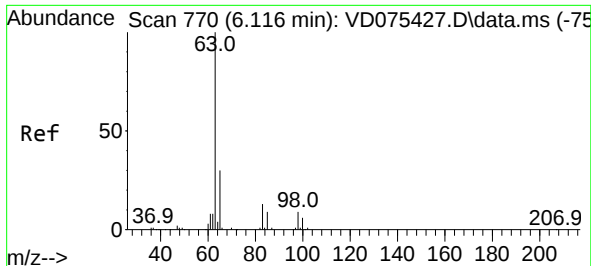
Tgt Ion: 96 Resp: 139835
Ion Ratio Lower Upper
96 100
61 108.9 77.8 144.6
98 66.0 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 26.794 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 73 Resp: 271709
Ion Ratio Lower Upper
73 100
43 15.1 12.1 18.1
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.761 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025102

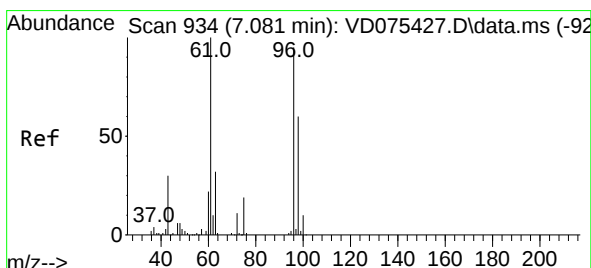
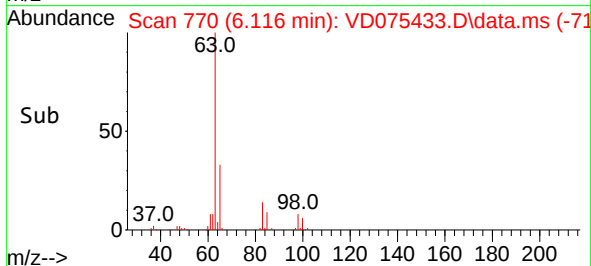
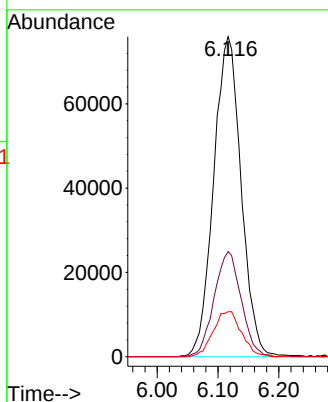
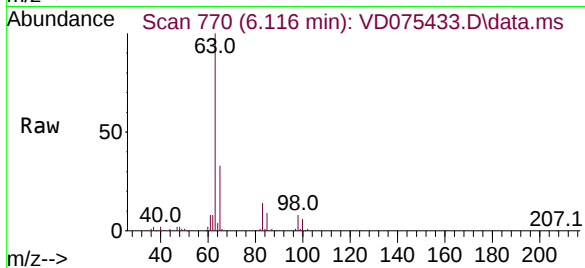
Tgt Ion: 63 Resp: 237797

Ion Ratio Lower Upper

63 100

65 32.9 21.1 39.3

83 14.1 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.746 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

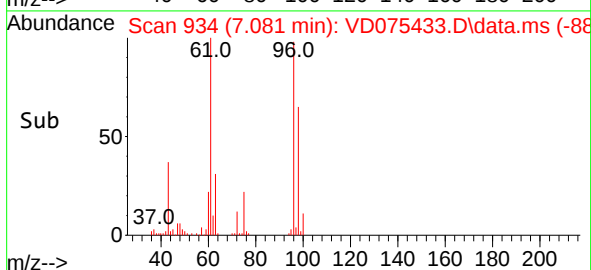
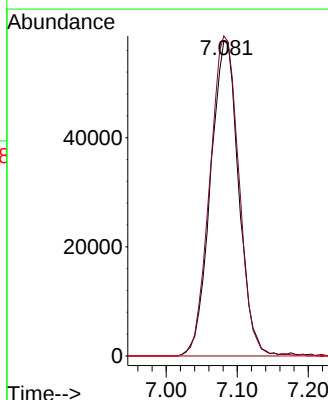
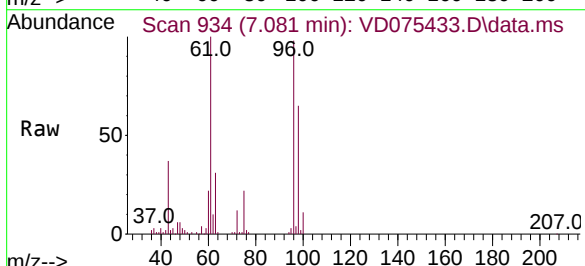
Tgt Ion: 96 Resp: 158697

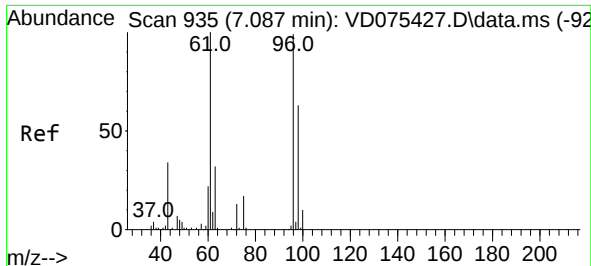
Ion Ratio Lower Upper

96 100

61 101.7 73.9 137.3

68 0.0 0.0 0.0

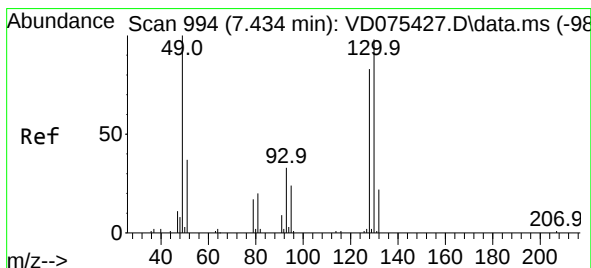
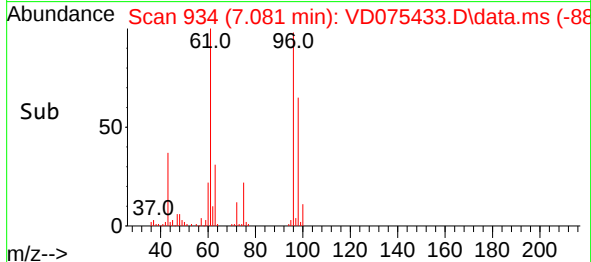
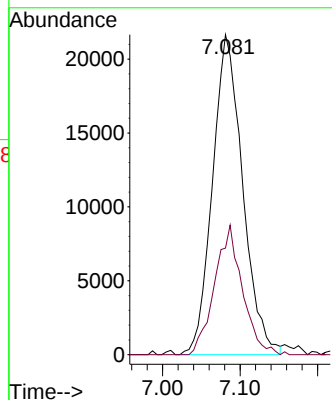
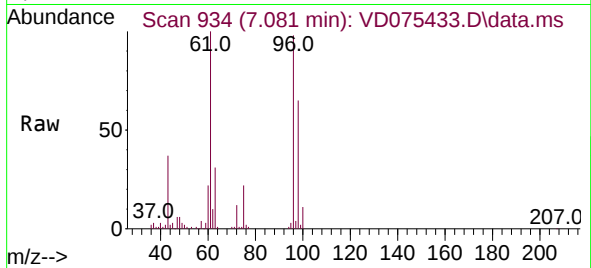




#22
2-Butanone
Concen: 51.769 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

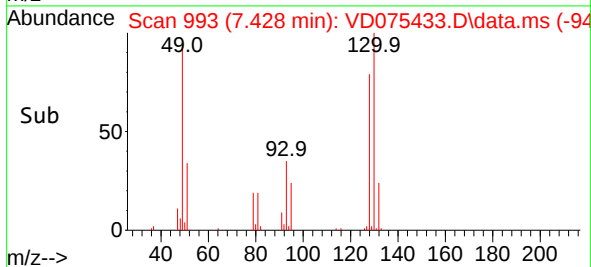
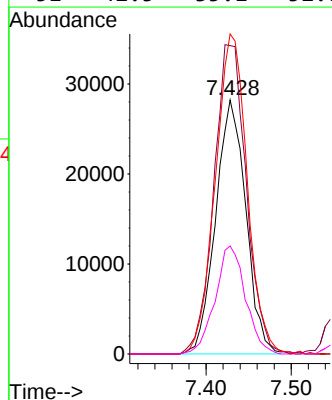
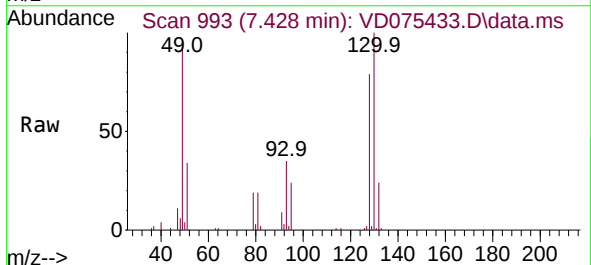
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

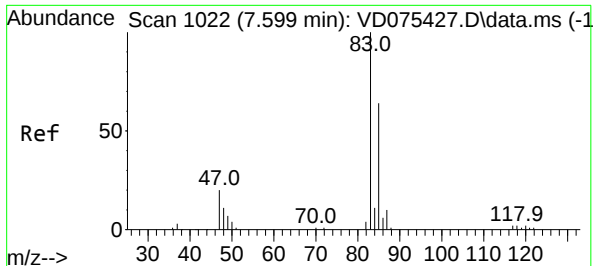
Tgt Ion: 43 Resp: 58663
Ion Ratio Lower Upper
43 100
72 37.1 18.3 54.9



#23
Bromochloromethane
Concen: 26.320 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 128 Resp: 69506
Ion Ratio Lower Upper
128 100
49 121.4 84.2 156.4
130 126.0 82.5 153.1
51 42.5 35.1 52.7





#25

Chloroform

Concen: 25.813 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

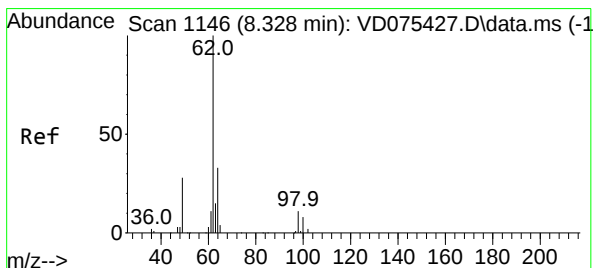
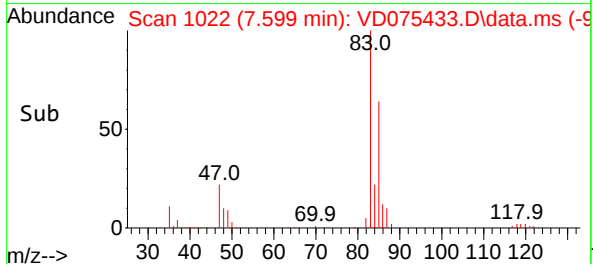
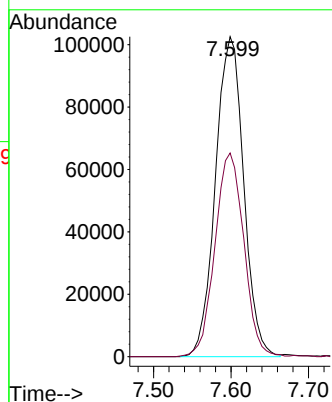
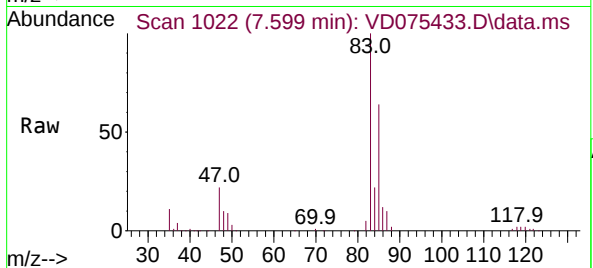
VSTD025102

Tgt Ion: 83 Resp: 259809

Ion Ratio Lower Upper

83 100

85 63.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 26.475 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075433.D

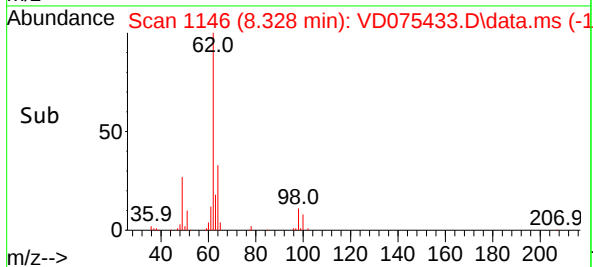
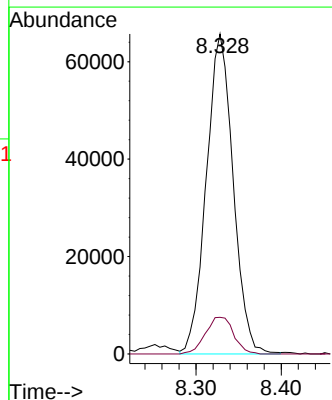
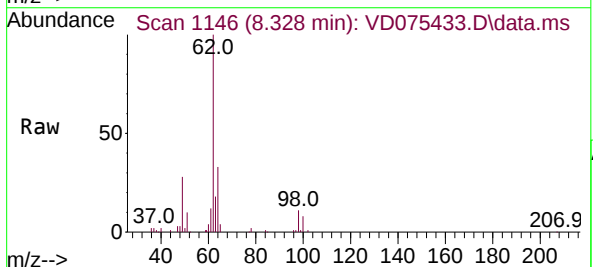
Acq: 02 Mar 2023 09:59

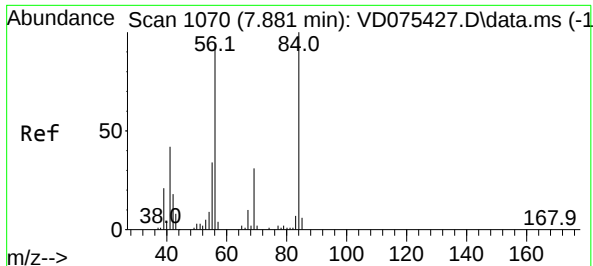
Tgt Ion: 62 Resp: 143703

Ion Ratio Lower Upper

62 100

98 11.5 8.8 13.2





#29

Cyclohexane

Concen: 26.108 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025102

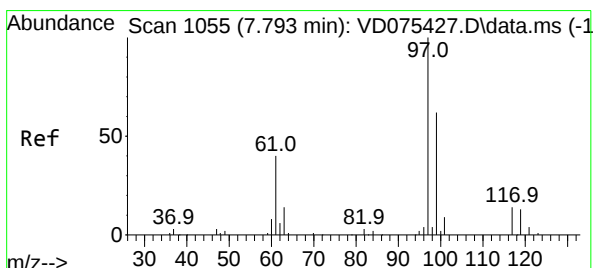
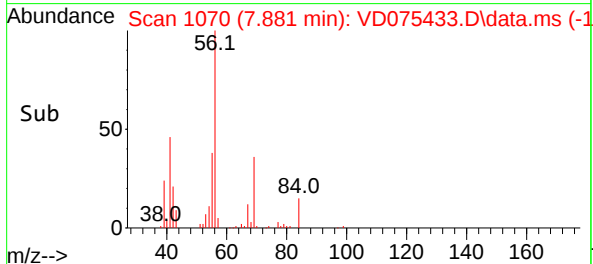
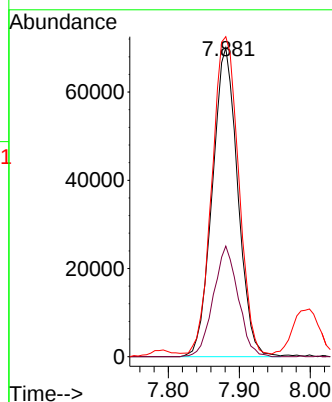
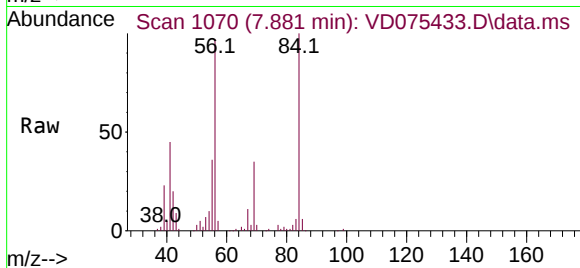
Tgt Ion: 56 Resp: 174330

Ion Ratio Lower Upper

56 100

69 34.7 27.0 40.6

84 109.4 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 25.565 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

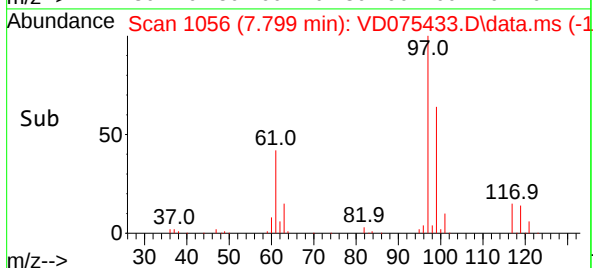
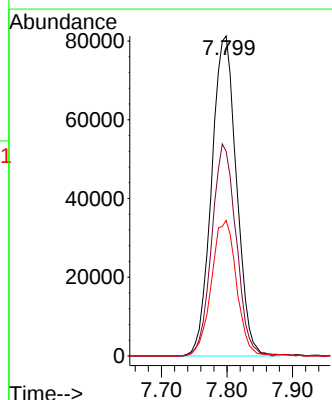
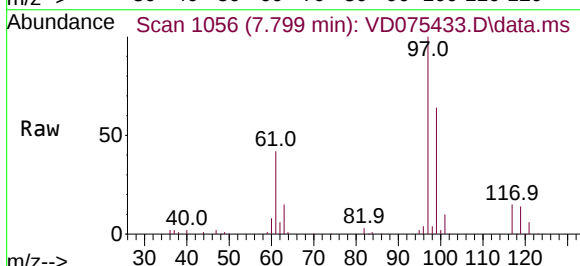
Tgt Ion: 97 Resp: 214509

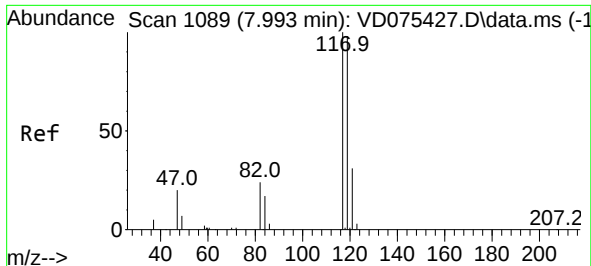
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 42.4 34.0 51.0

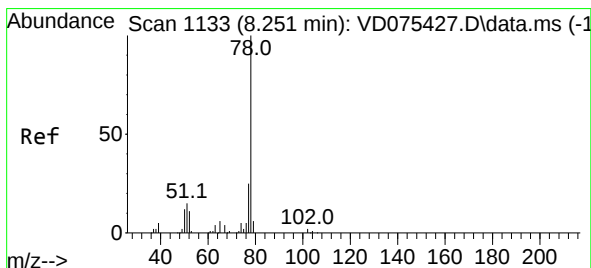
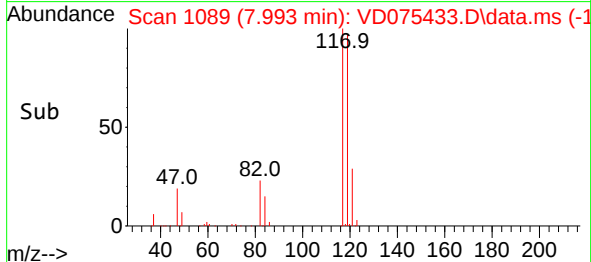
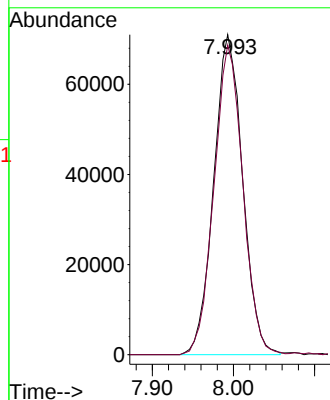
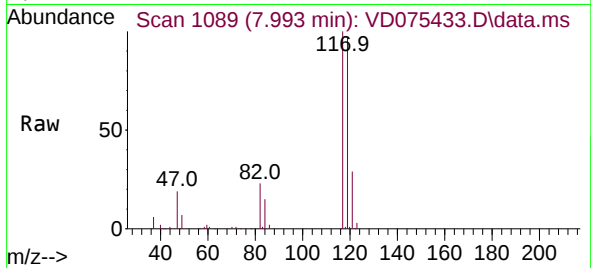




#31
Carbon tetrachloride
Concen: 26.329 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

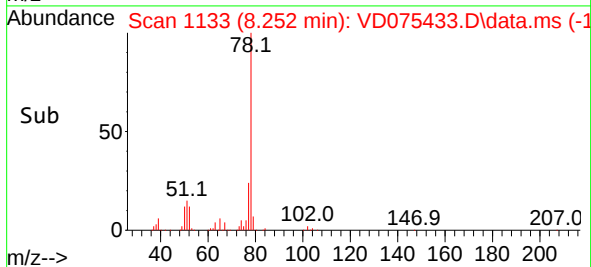
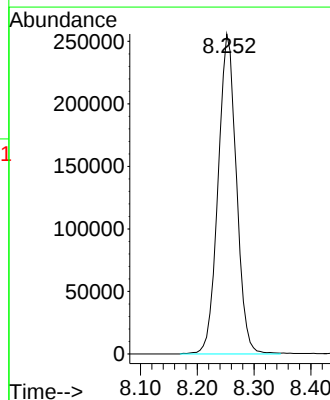
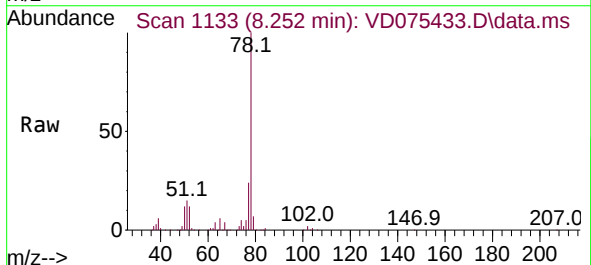
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

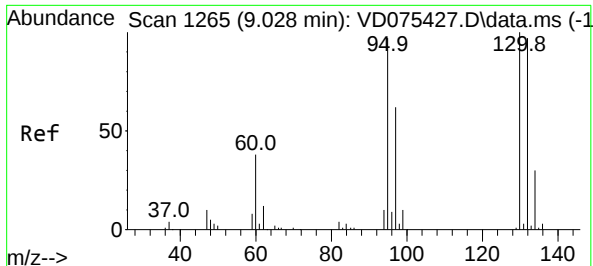
Tgt Ion:117 Resp: 175465
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2



#33
Benzene
Concen: 25.637 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 78 Resp: 574944

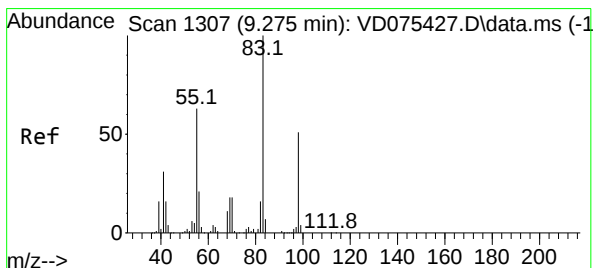
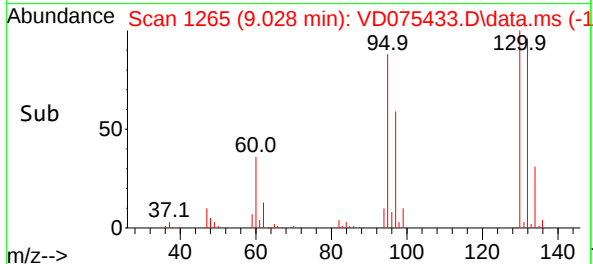
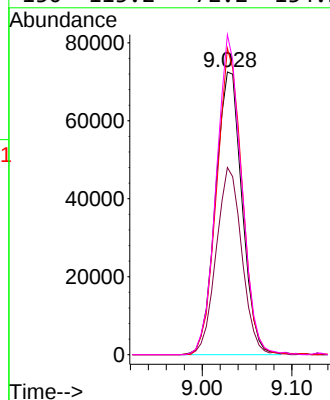
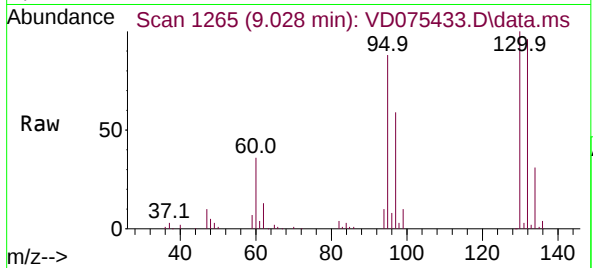




#34
Trichloroethene
Concen: 25.376 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

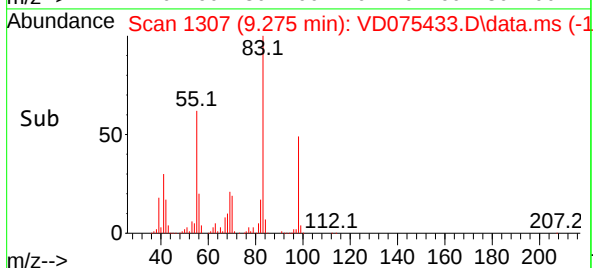
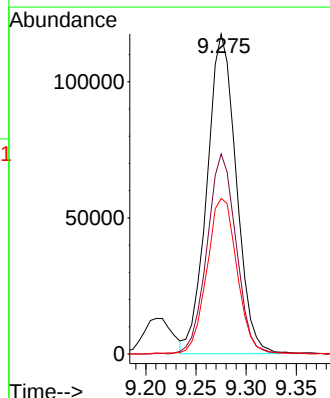
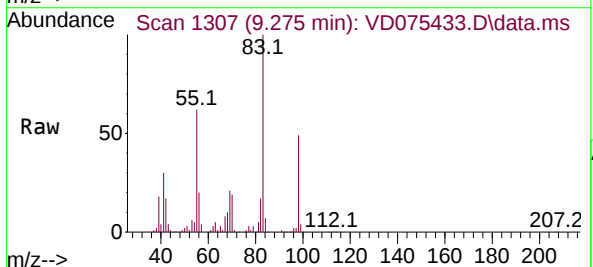
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

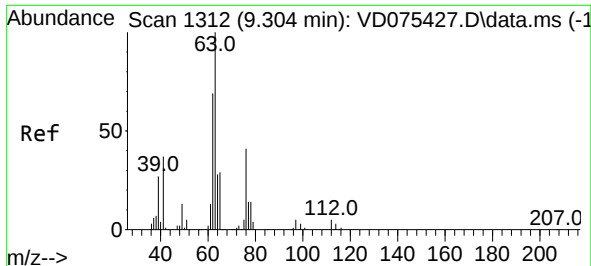
Tgt Ion: 95 Resp: 148622
Ion Ratio Lower Upper
95 100
97 66.2 44.7 83.1
132 108.4 70.0 130.0
130 113.2 72.2 134.2



#35
Methylcyclohexane
Concen: 26.130 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 83 Resp: 238913
Ion Ratio Lower Upper
83 100
55 61.9 49.3 73.9
98 50.0 39.8 59.6





#37

1,2-Dichloropropane

Concen: 26.105 ug/L

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

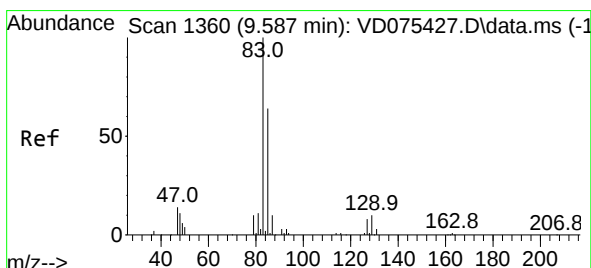
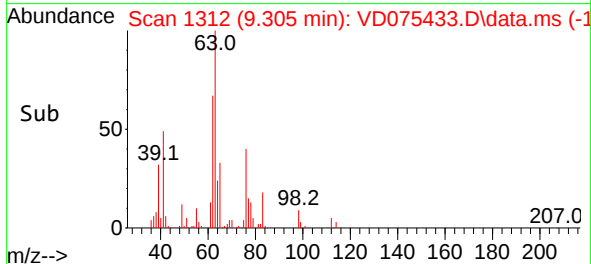
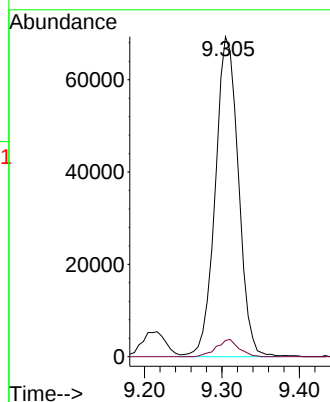
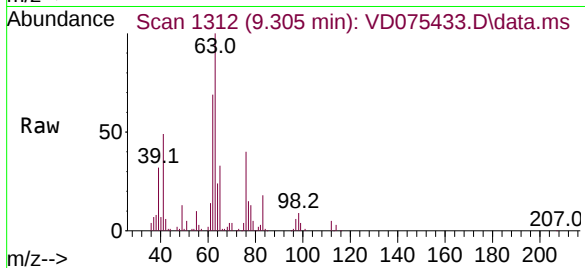
VSTD025102

Tgt Ion: 63 Resp: 143861

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 25.923 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

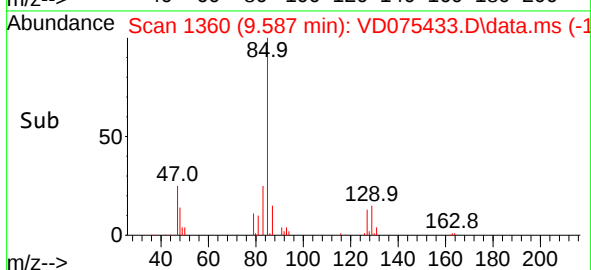
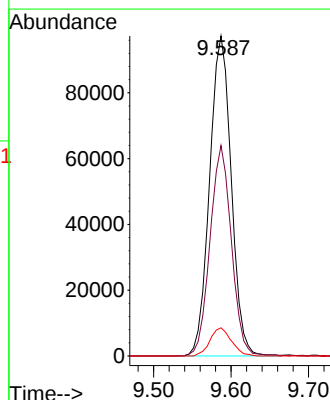
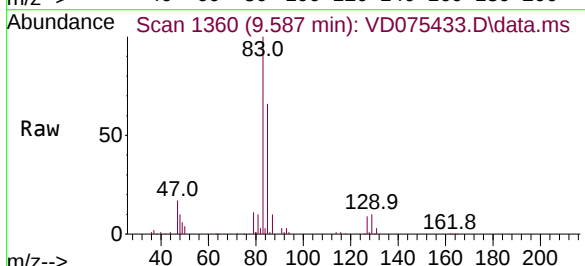
Tgt Ion: 83 Resp: 188974

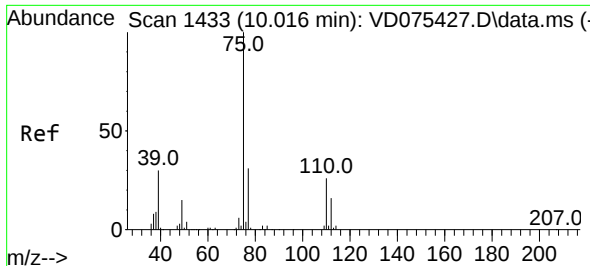
Ion Ratio Lower Upper

83 100

85 65.8 44.6 82.8

127 8.8 6.6 9.8

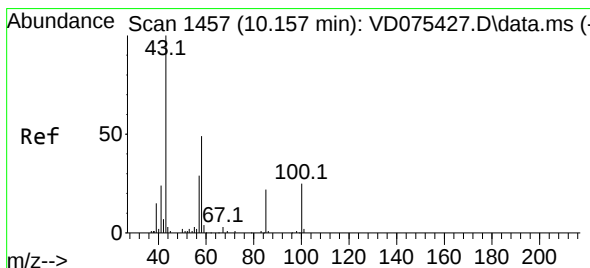
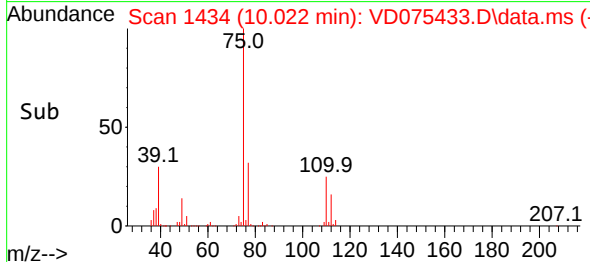
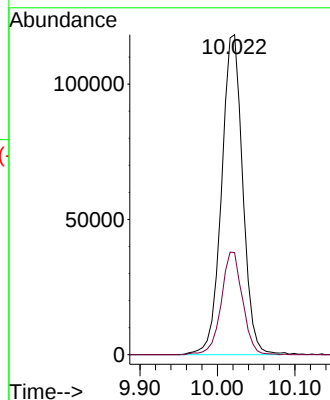
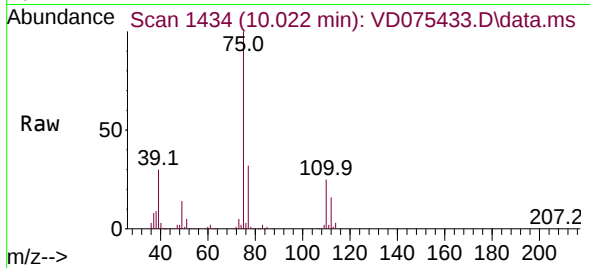




#39
cis-1,3-Dichloropropene
Concen: 26.608 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

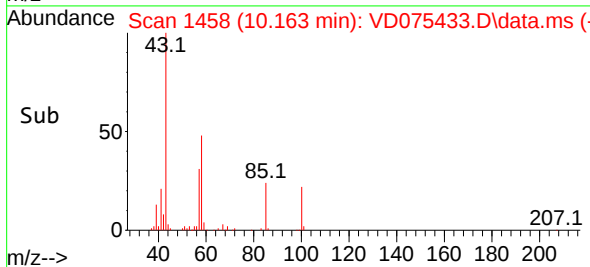
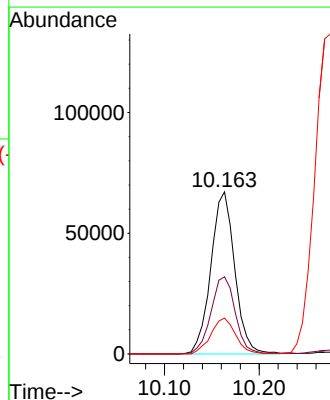
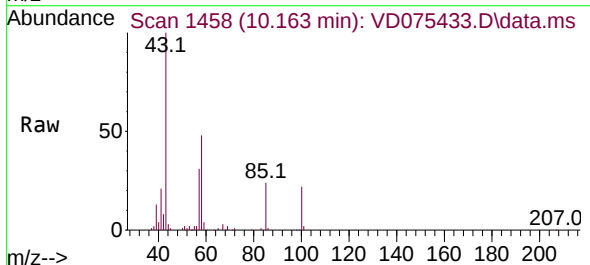
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

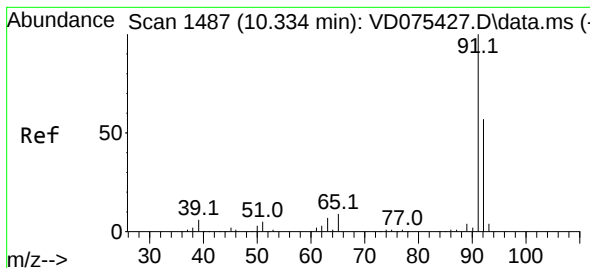
Tgt Ion: 75 Resp: 224407
Ion Ratio Lower Upper
75 100
77 31.9 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 55.697 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 43 Resp: 117708
Ion Ratio Lower Upper
43 100
58 48.6 39.0 58.6
100 23.1 18.7 28.1





#42

Toluene

Concen: 26.588 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

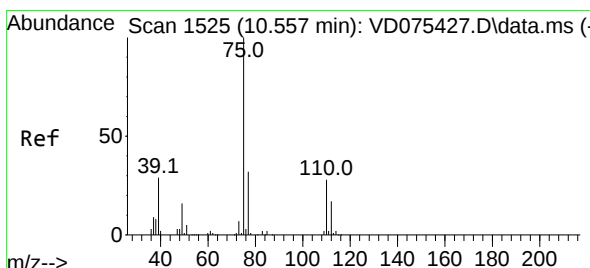
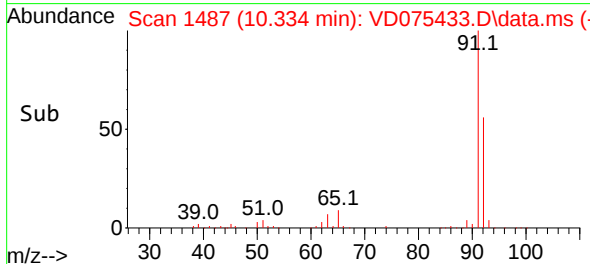
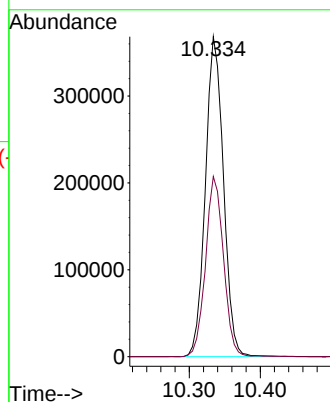
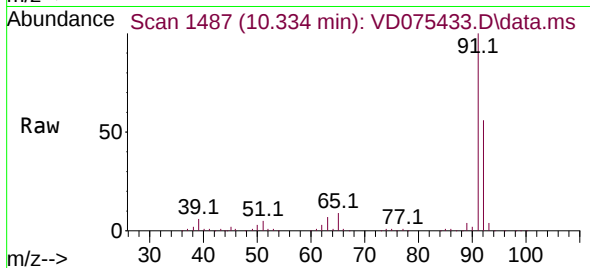
VSTD025102

Tgt Ion: 91 Resp: 652777

Ion Ratio Lower Upper

91 100

92 56.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.157 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075433.D

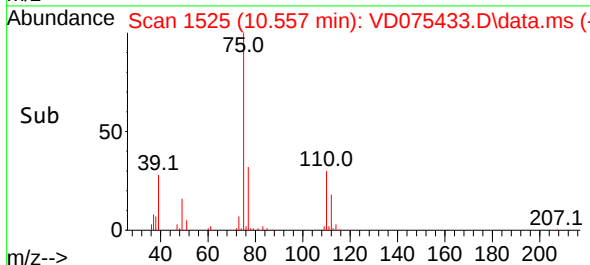
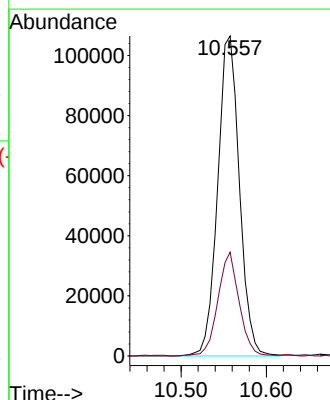
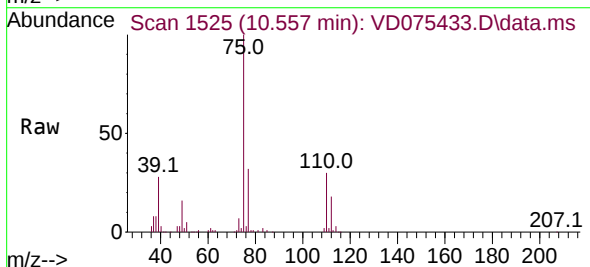
Acq: 02 Mar 2023 09:59

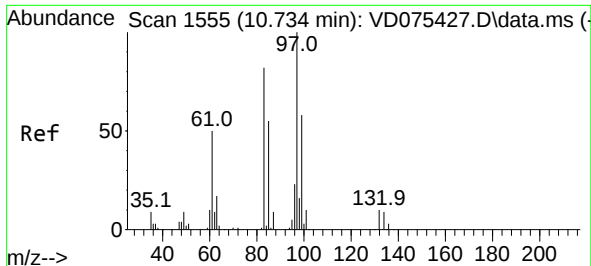
Tgt Ion: 75 Resp: 188703

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6

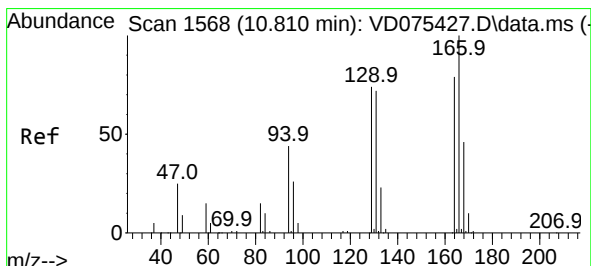
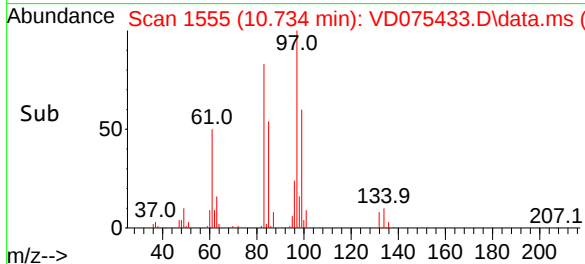
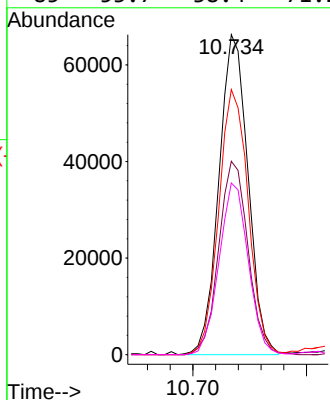
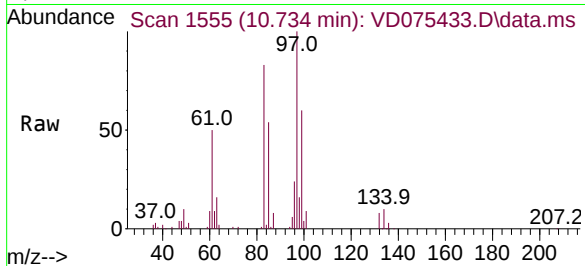




#45
1,1,2-Trichloroethane
Concen: 26.780 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

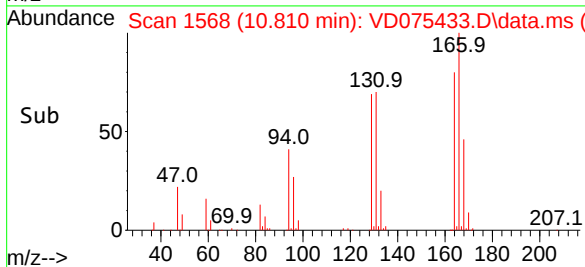
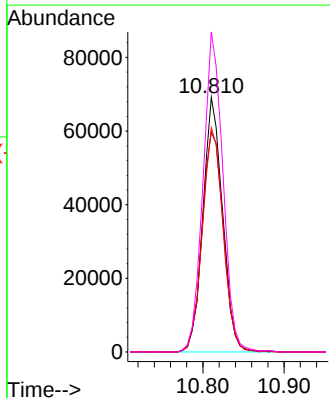
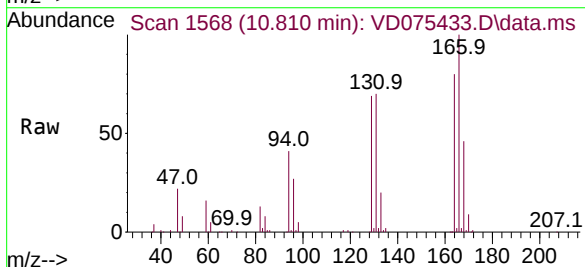
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

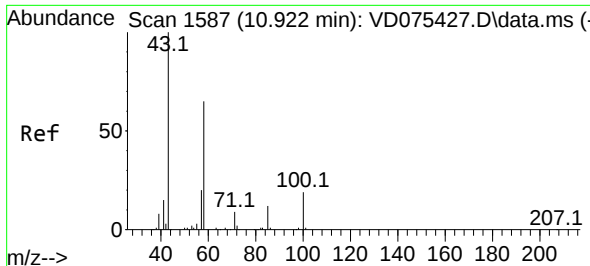
Tgt Ion:	97	Resp:	117872
Ion	Ratio	Lower	Upper
97	100		
99	60.4	40.9	76.0
83	82.9	57.7	107.1
85	53.7	38.4	71.2



#46
Tetrachloroethene
Concen: 26.036 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:	164	Resp:	116844
Ion	Ratio	Lower	Upper
164	100		
129	86.3	65.4	121.4
131	88.1	64.1	119.1
166	125.7	88.5	164.3

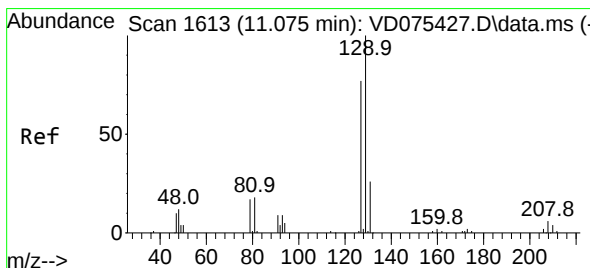
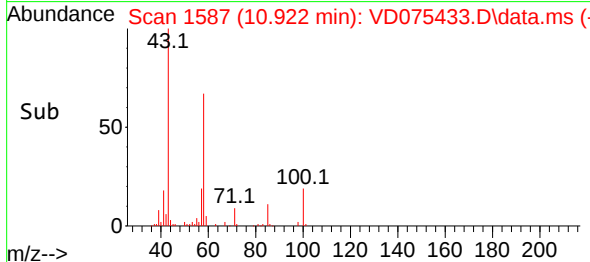
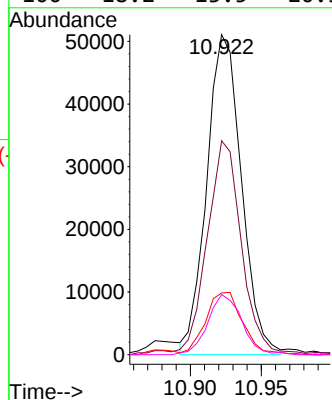
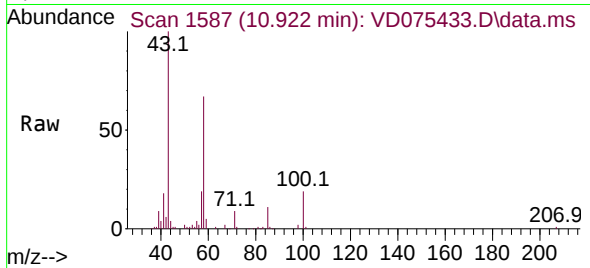




#48
2-Hexanone
Concen: 55.825 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

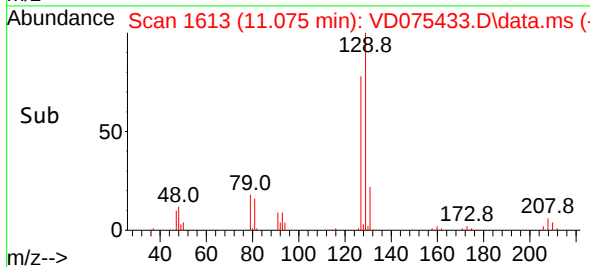
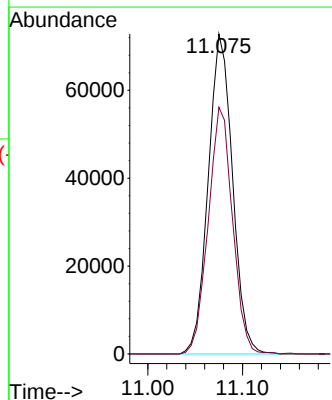
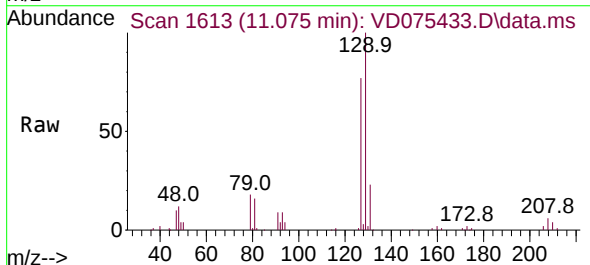
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

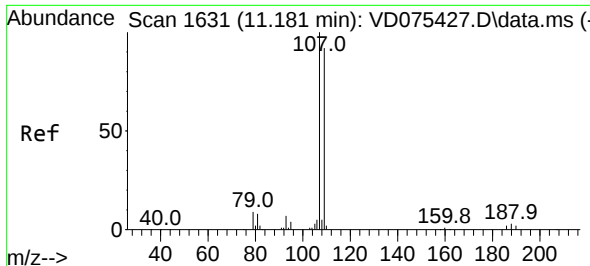
Tgt Ion: 43	Resp: 86803
Ion Ratio	Lower Upper
43 100	
58 65.8	53.1 79.7
57 20.8	16.7 25.1
100 18.2	13.5 20.3



#49
Dibromochloromethane
Concen: 26.937 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:129	Resp: 129515		
Ion Ratio	Lower	Upper	
129 100			
127 77.1	53.7	99.7	

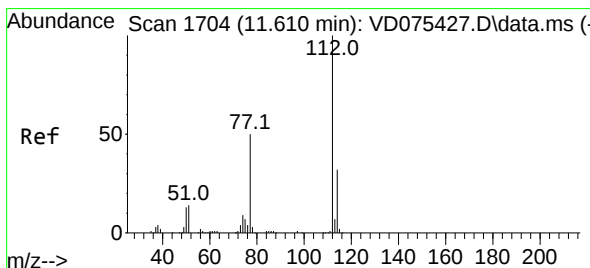
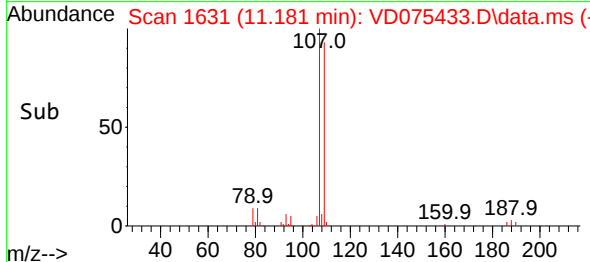
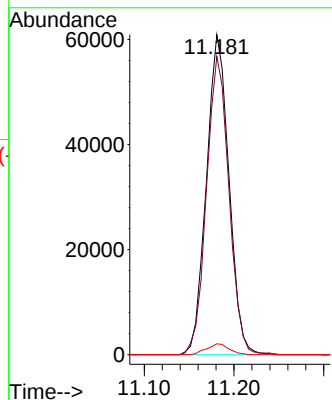
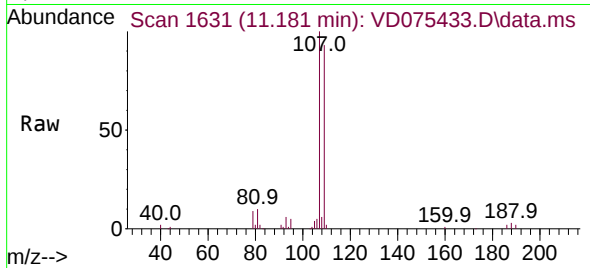




#50
1,2-Dibromoethane
Concen: 26.721 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

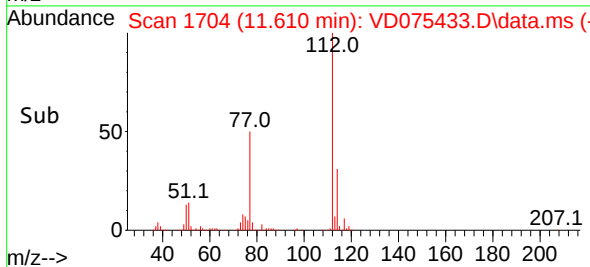
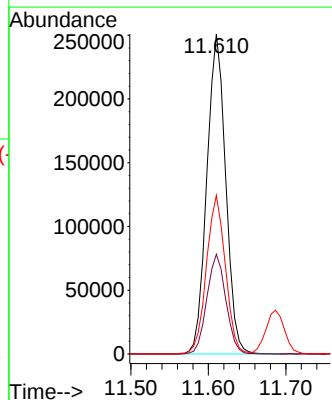
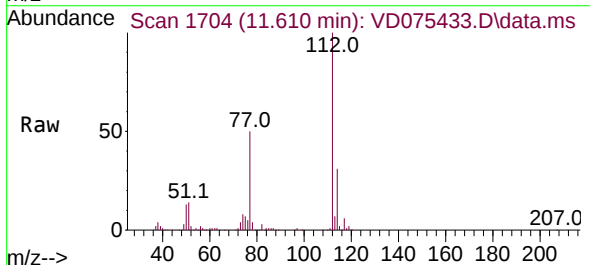
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

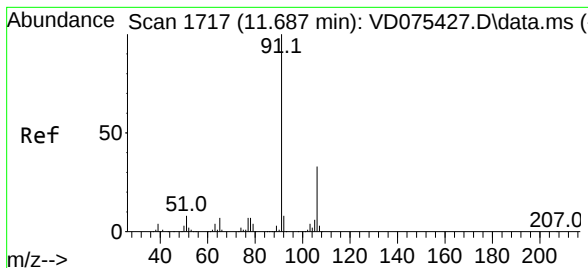
Tgt Ion:107 Resp: 106314
Ion Ratio Lower Upper
107 100
109 93.2 64.2 119.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 26.542 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:112 Resp: 423549
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.3
77 49.5 40.2 60.2

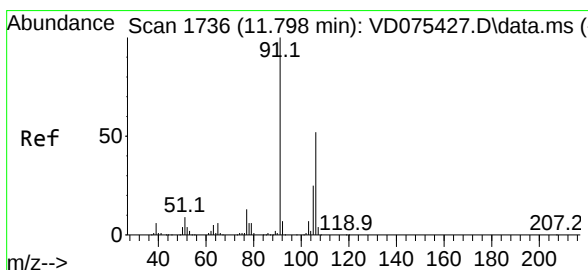
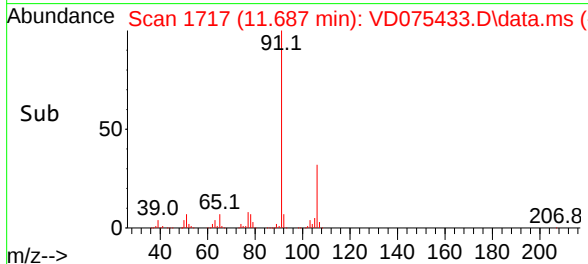
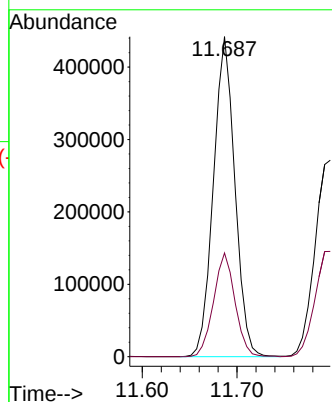
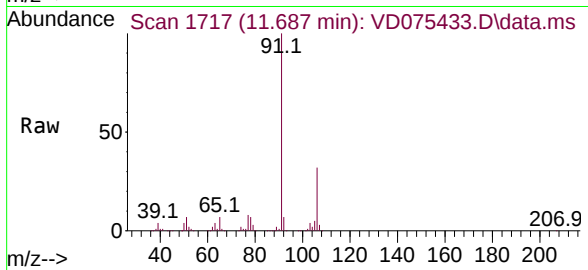




#52
Ethylbenzene
Concen: 26.607 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

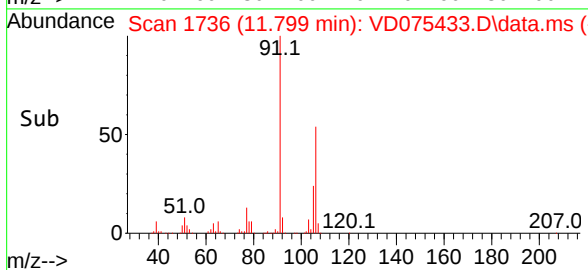
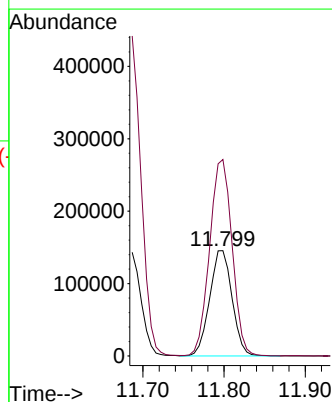
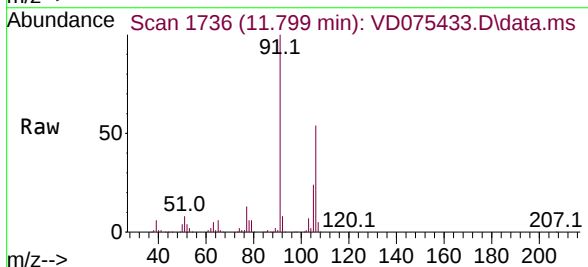
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

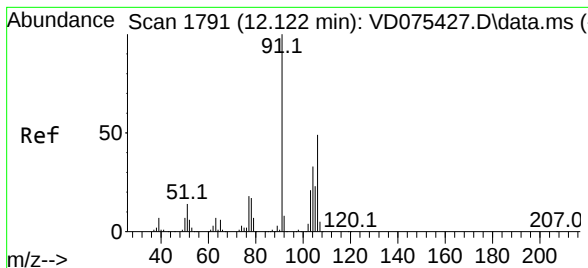
Tgt Ion: 91 Resp: 694694
Ion Ratio Lower Upper
91 100
106 32.4 23.1 42.9



#53
m,p-Xylene
Concen: 27.103 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 106 Resp: 278806
Ion Ratio Lower Upper
106 100
91 186.7 134.1 249.1

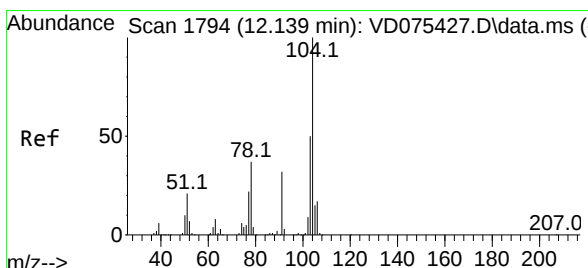
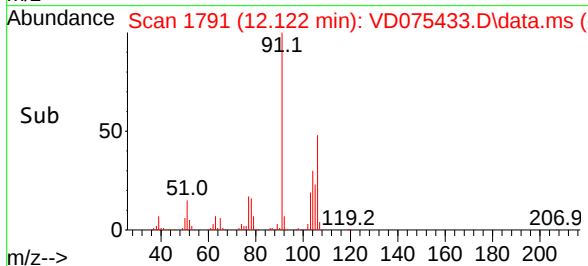
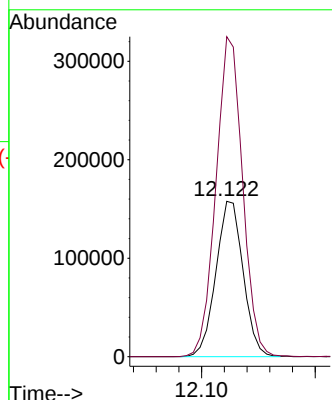
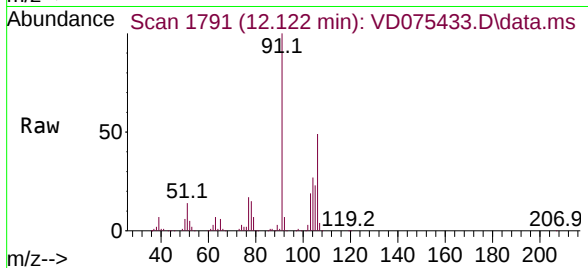




#54
o-Xylene
Concen: 26.954 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

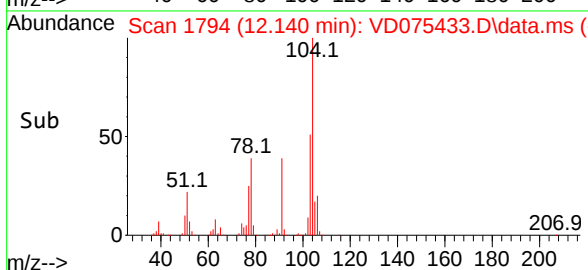
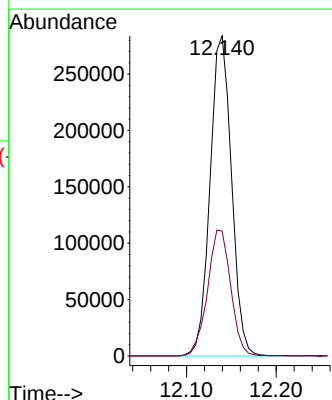
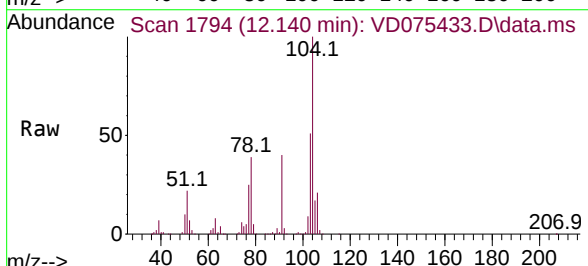
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

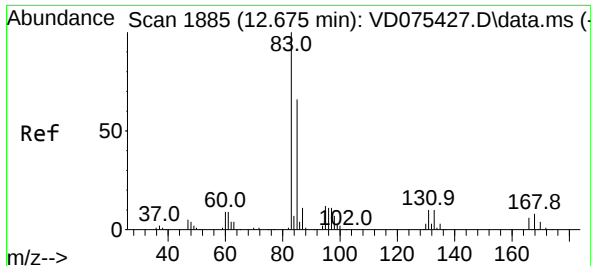
Tgt Ion:106 Resp: 262290
Ion Ratio Lower Upper
106 100
91 205.9 142.3 264.3



#55
Styrene
Concen: 27.278 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:104 Resp: 471454
Ion Ratio Lower Upper
104 100
78 39.0 26.0 48.2

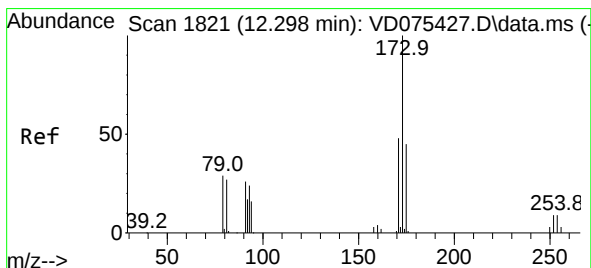
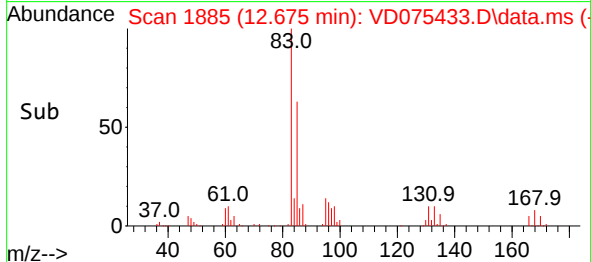
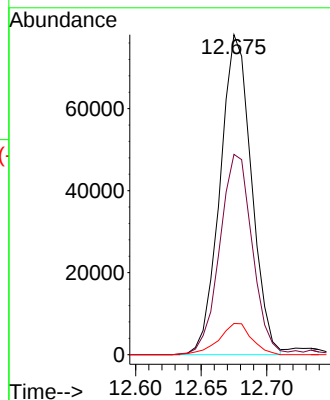
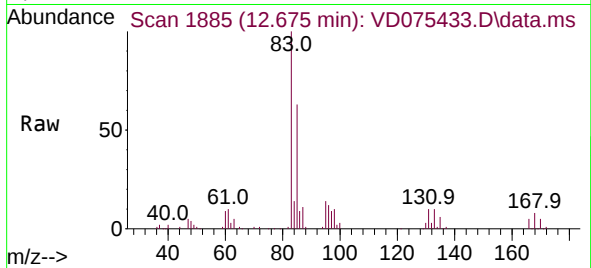




#57
1,1,2,2-Tetrachloroethane
Concen: 26.949 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

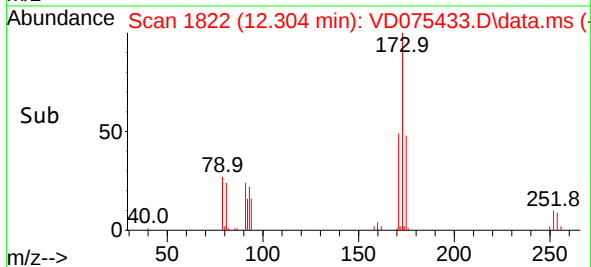
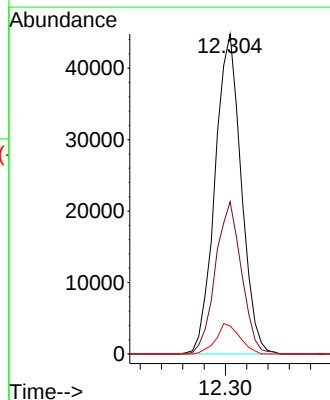
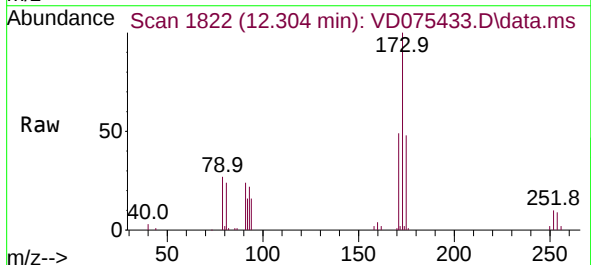
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

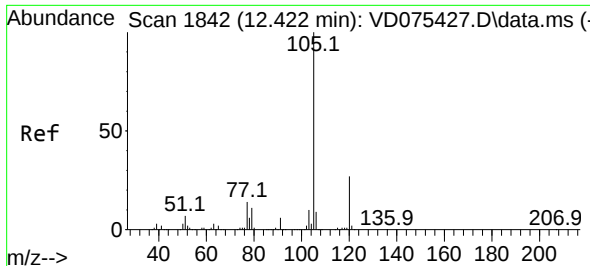
Tgt Ion: 83 Resp: 129822
Ion Ratio Lower Upper
83 100
85 62.6 46.3 85.9
131 9.8 8.1 12.1



#59
Bromoform
Concen: 26.781 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 173 Resp: 76507
Ion Ratio Lower Upper
173 100
175 47.3 39.3 58.9
254 8.7 7.3 10.9

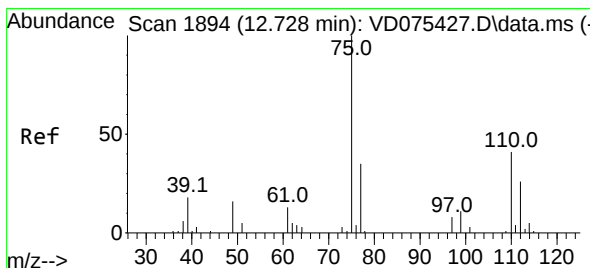
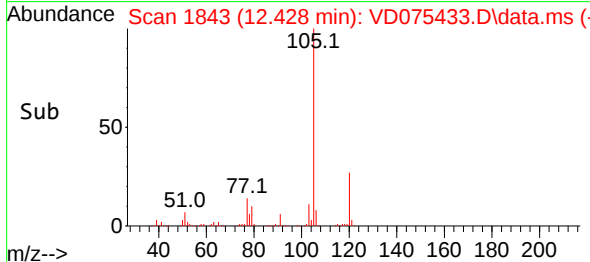
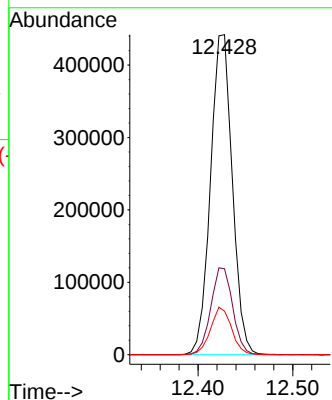
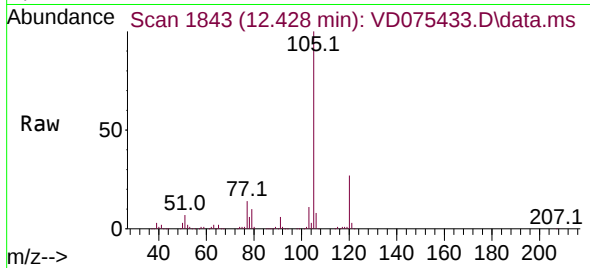




#60
Isopropylbenzene
Concen: 26.586 ug/L
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

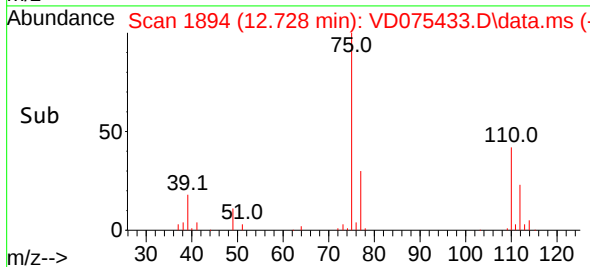
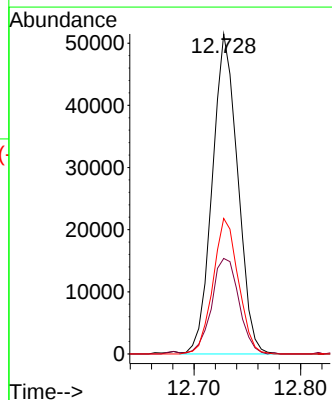
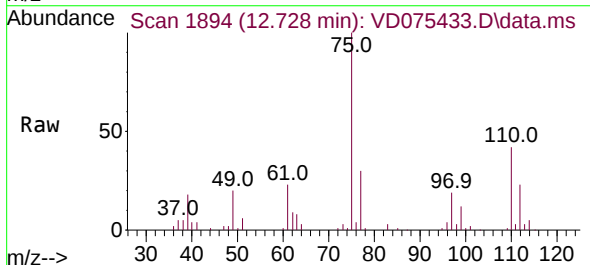
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

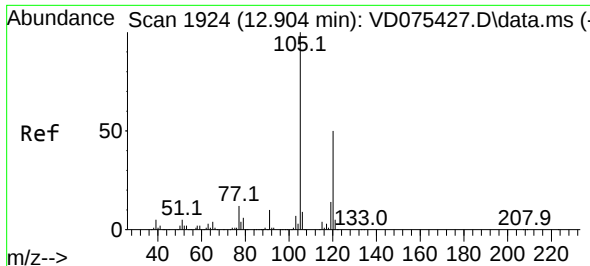
Tgt Ion:105 Resp: 707887
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.6
77 14.3 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 26.862 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion: 75 Resp: 85249
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.4
110 42.2 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 26.870 ug/L

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

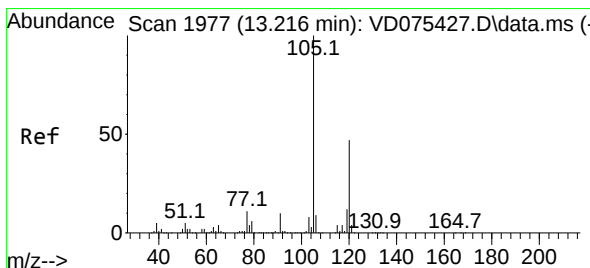
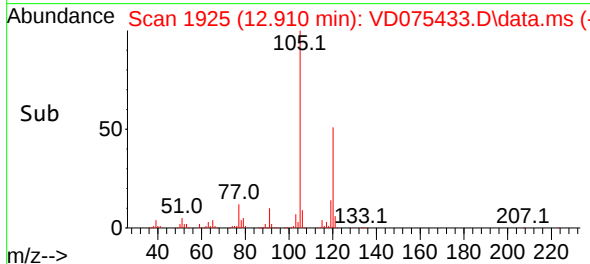
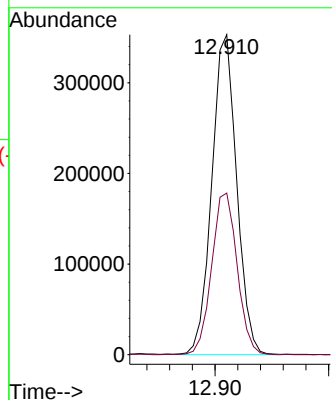
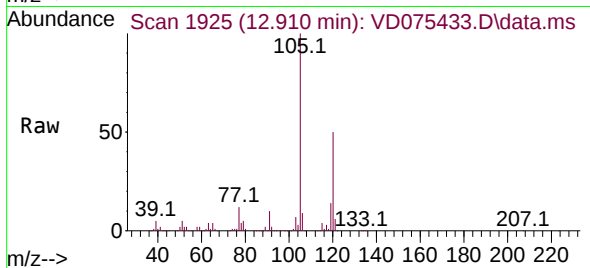
VSTD025102

Tgt Ion:105 Resp: 537070

Ion Ratio Lower Upper

105 100

120 51.7 40.6 60.8



#63

1,2,4-Trimethylbenzene

Concen: 27.195 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075433.D

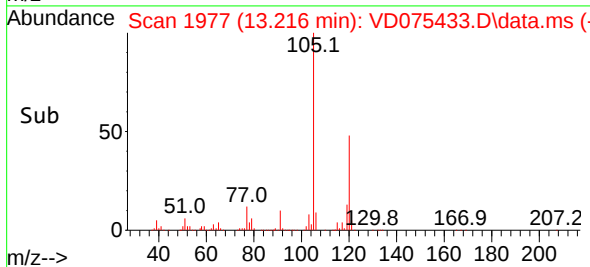
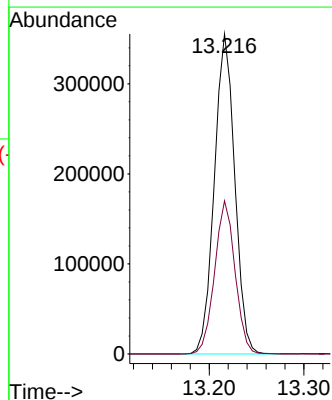
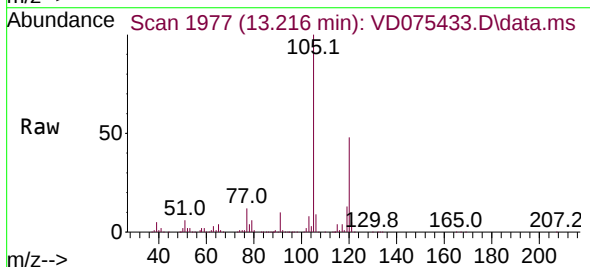
Acq: 02 Mar 2023 09:59

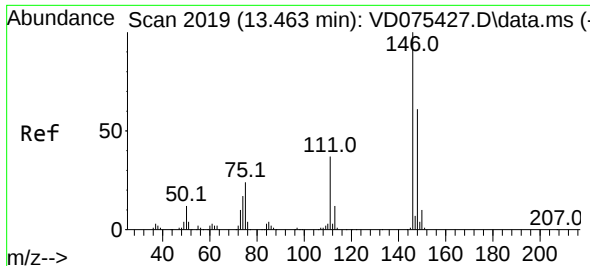
Tgt Ion:105 Resp: 531509

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2

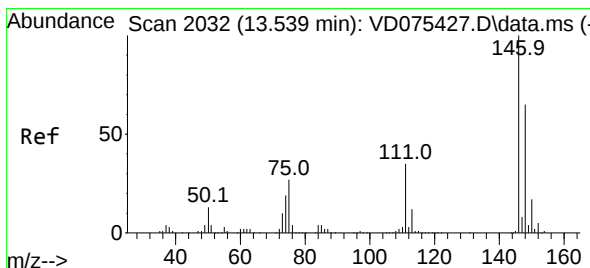
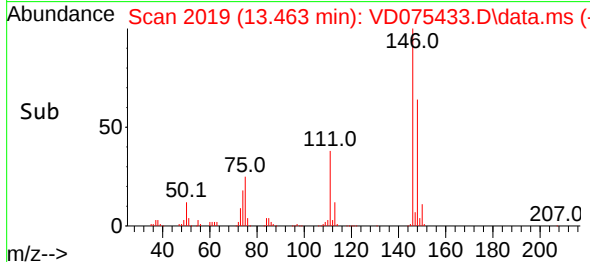
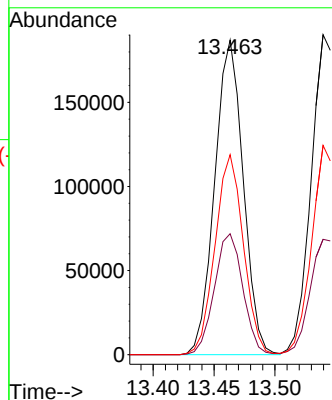
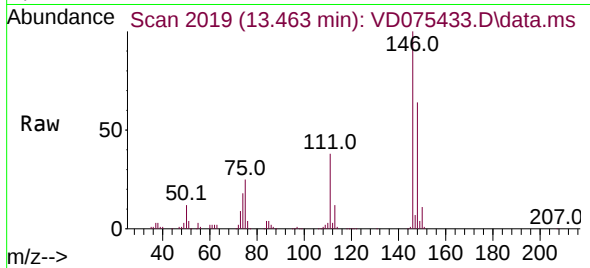




#64
1,3-Dichlorobenzene
Concen: 25.893 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

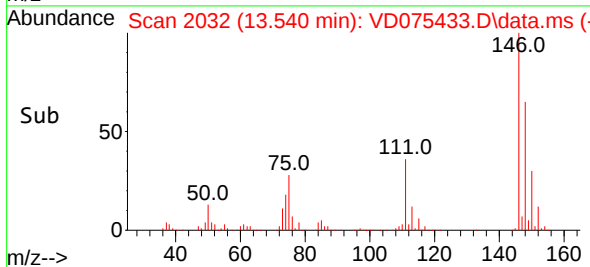
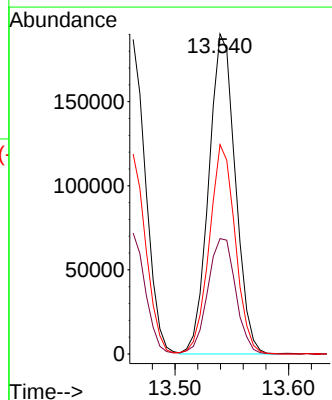
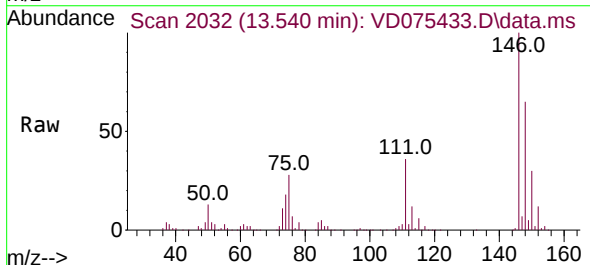
Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

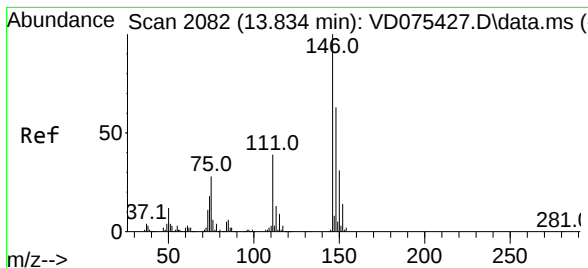
Tgt Ion:146 Resp: 304980
Ion Ratio Lower Upper
146 100
111 38.5 26.0 48.2
148 63.6 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 25.586 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:146 Resp: 310000
Ion Ratio Lower Upper
146 100
111 36.1 24.8 46.1
148 65.4 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 26.365 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD025102

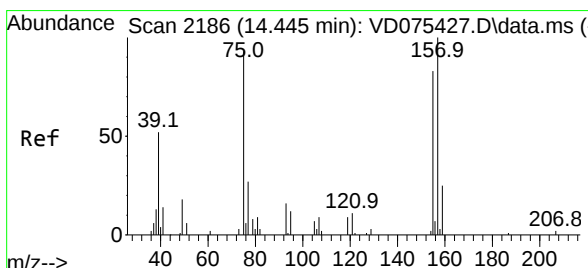
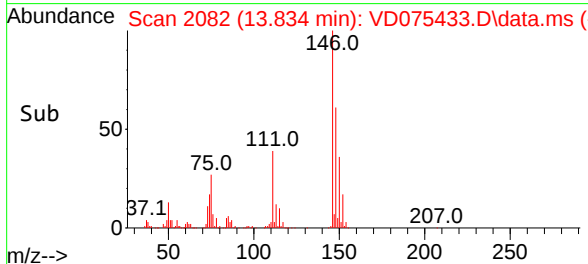
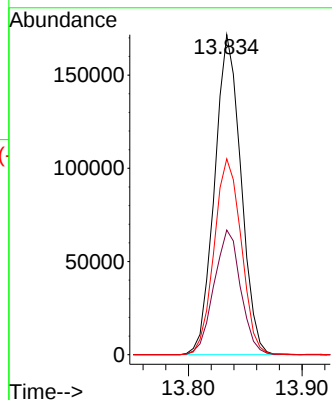
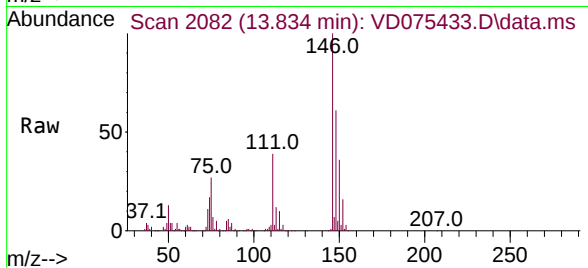
Tgt Ion:146 Resp: 276692

Ion Ratio Lower Upper

146 100

111 39.0 31.0 46.6

148 61.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 27.514 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075433.D

Acq: 02 Mar 2023 09:59

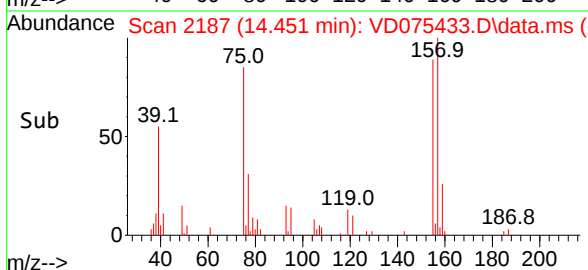
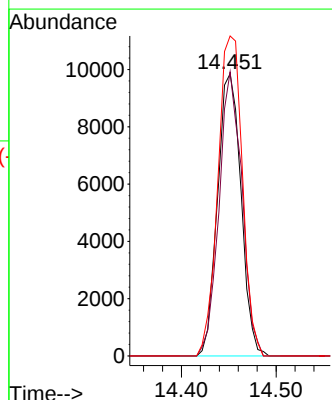
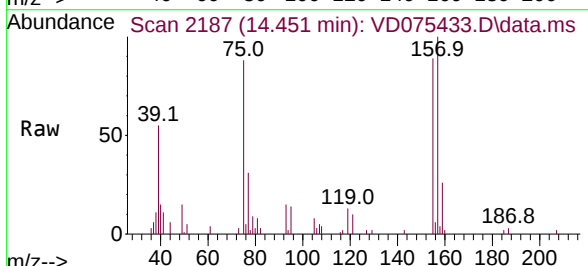
Tgt Ion: 75 Resp: 16957

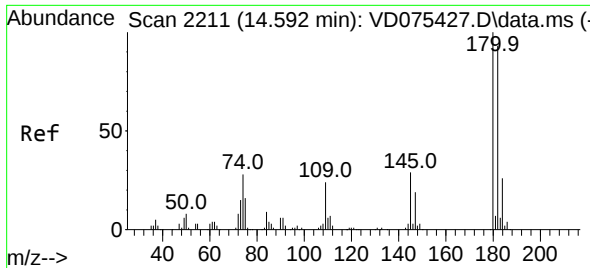
Ion Ratio Lower Upper

75 100

155 100.6 71.3 106.9

157 113.4 85.8 128.6

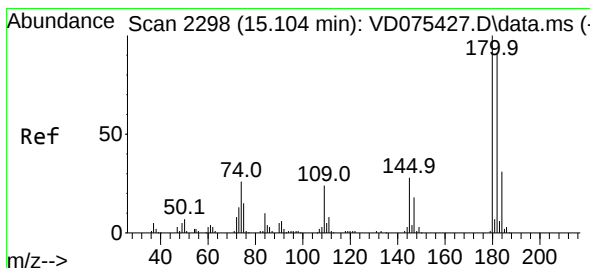
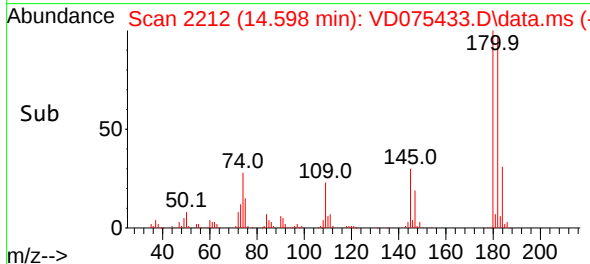
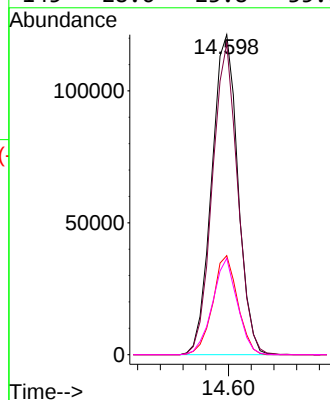
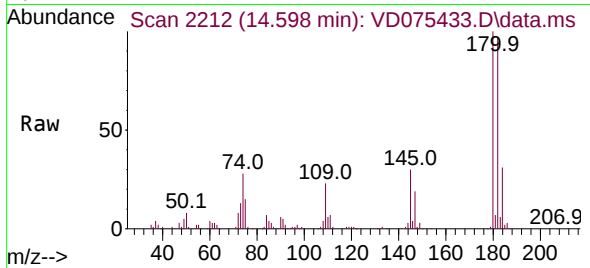




#69
 1,3,5-Trichlorobenzene
 Concen: 26.266 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075433.D
 Acq: 02 Mar 2023 09:59

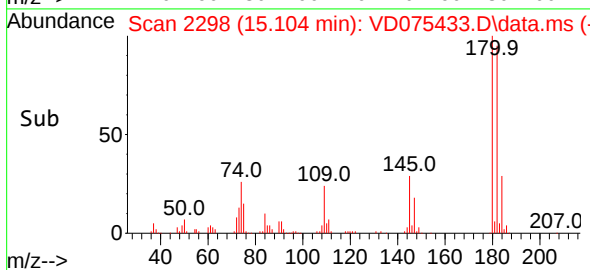
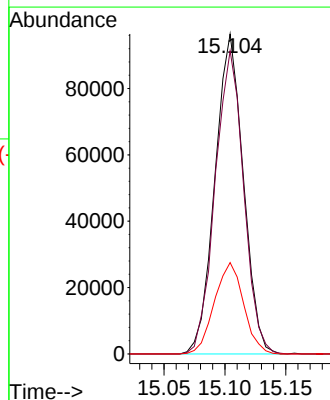
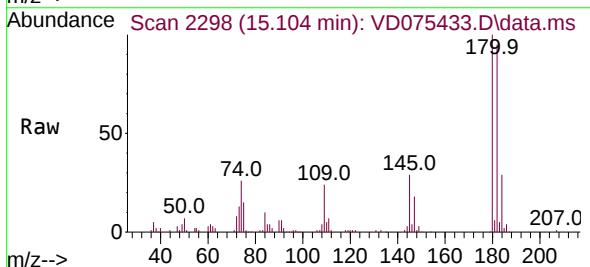
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025102

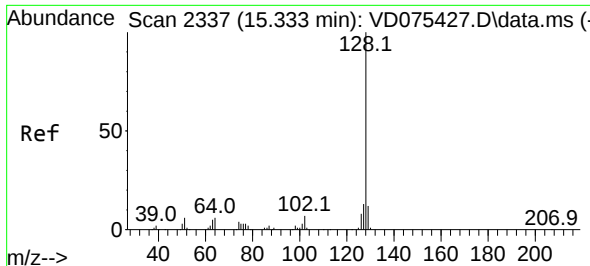
Tgt Ion:180 Resp: 194005
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.5 114.7
 184 29.5 23.6 35.4
 145 28.6 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 26.249 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.000 min
 Lab File: VD075433.D
 Acq: 02 Mar 2023 09:59

Tgt Ion:180 Resp: 155882
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.3 111.5
 145 29.5 23.0 34.6

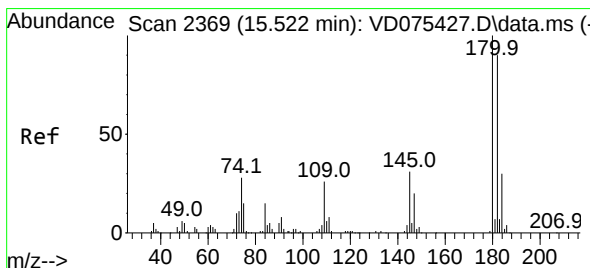
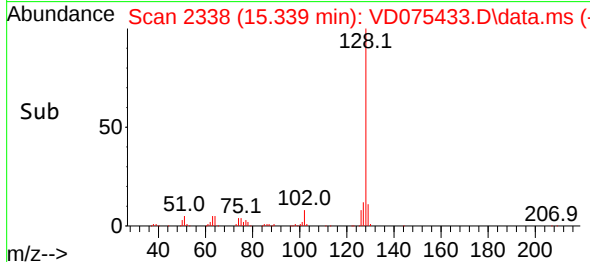
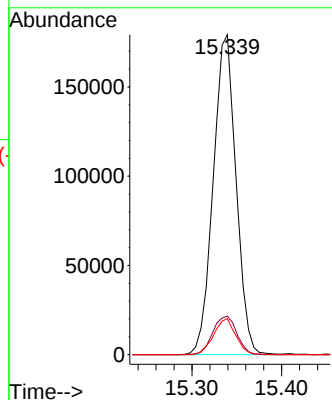
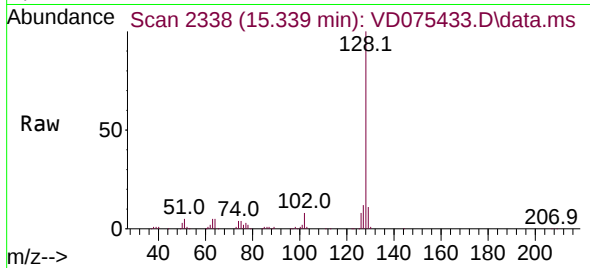




#71
Naphthalene
Concen: 26.886 ug/L
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Instrument :
MSVOA_D
ClientSampleId :
VSTD025102

Tgt Ion:128 Resp: 316686
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.284 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075433.D
Acq: 02 Mar 2023 09:59

Tgt Ion:180 Resp: 137588
Ion Ratio Lower Upper
180 100
182 98.0 75.3 112.9
145 31.6 25.1 37.7

