

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081622\
 Data File : VX030651.D
 Acq On : 16 Aug 2022 13:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050786

Quant Time: Aug 17 02:22:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 17 02:19:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	289721	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141326	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51652	27.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.520%#
7) Chloroethane-d5	1.660	69	50127	38.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.440%
11) 1,1-Dichloroethene-d2	2.307	63	138515	39.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.720%
21) 2-Butanone-d5	4.459	46	194375	112.754	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.750%
24) Chloroform-d	5.068	84	165067	43.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.964	65	112628	43.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
32) Benzene-d6	5.977	84	293909	38.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.020%
36) 1,2-Dichloropropane-d6	7.312	67	109558	43.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.340%
41) Toluene-d8	8.653	98	256595	35.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.420%#
43) trans-1,3-Dichloroprop...	8.952	79	47266	37.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.740%
47) 2-Hexanone-d5	9.385	63	138284	108.147	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.150%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	181549	55.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.180%
66) 1,2-Dichlorobenzene-d4	12.323	152	119574	43.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100931	46.297	ug/L	100
3) Chloromethane	1.288	50	91848	48.997	ug/L	98
5) Vinyl chloride	1.374	62	101787	50.835	ug/L	98
6) Bromomethane	1.599	94	50319	53.477	ug/L	96
8) Chloroethane	1.685	64	62724	54.995	ug/L	97
9) Trichlorofluoromethane	1.886	101	150710	50.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	102383	58.168	ug/L	97
12) 1,1-Dichloroethene	2.319	96	93131	57.432	ug/L #	68
13) Acetone	2.380	43	121683	96.312	ug/L	97
14) Carbon disulfide	2.514	76	226598	43.114	ug/L	100
15) Methyl Acetate	2.709	43	140310	53.653	ug/L	99
16) Methylene chloride	2.788	84	112505	54.715	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	97566	51.934	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	350956	54.933	ug/L	97
19) 1,1-Dichloroethane	3.611	63	202057	55.609	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	117852	55.766	ug/L	93
22) 2-Butanone	4.562	43	203250	101.977	ug/L	96
23) Bromochloromethane	4.904	128	57534	54.288	ug/L	95
25) Chloroform	5.099	83	221107	57.916	ug/L	100

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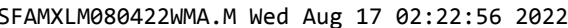
Instrument :
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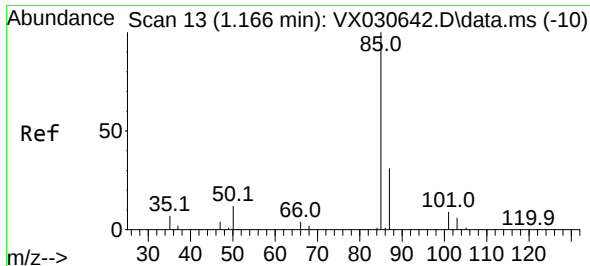
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 QLast Update : Wed Aug 17 02:19:30 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	164855	51.882	ug/L	99
29) Cyclohexane	5.471	56	170515	47.518	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	175632	49.328	ug/L	99
31) Carbon tetrachloride	5.684	117	144474	49.164	ug/L	99
33) Benzene	6.044	78	451871	52.213	ug/L	100
34) Trichloroethene	7.129	95	120007	47.877	ug/L	88
35) Methylcyclohexane	7.385	83	172603	47.302	ug/L	98
37) 1,2-Dichloropropane	7.434	63	122541	53.254	ug/L	100
38) Bromodichloromethane	7.824	83	158200	51.947	ug/L	93
39) cis-1,3-Dichloropropene	8.373	75	175110	51.014	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	404241	100.879	ug/L	98
42) Toluene	8.720	91	476606	52.131	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	175300	52.177	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	118179	55.233	ug/L	99
46) Tetrachloroethene	9.275	164	76063	48.016	ug/L	98
48) 2-Hexanone	9.433	43	318076	102.161	ug/L	98
49) Dibromochloromethane	9.525	129	118426	52.025	ug/L	100
50) 1,2-Dibromoethane	9.610	107	120201	51.084	ug/L	96
51) Chlorobenzene	10.080	112	302567	53.121	ug/L	98
52) Ethylbenzene	10.195	91	531003	53.268	ug/L	99
53) m,p-Xylene	10.305	106	200446	53.948	ug/L	94
54) o-Xylene	10.647	106	199136	53.785	ug/L	98
55) Styrene	10.659	104	347410	55.728	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	194651	59.789	ug/L	98
59) Bromoform	10.805	173	78612	51.080	ug/L	100
60) Isopropylbenzene	10.964	105	521163	52.025	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	160220	52.790	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	454627	53.158	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	452699	52.414	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	230435	52.916	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	235462	53.190	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	239958	53.285	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	49910	49.852	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	153895	50.393	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	138452	51.622	ug/L	98
71) Naphthalene	13.774	128	587534	52.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	145359	51.309	ug/L	98

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

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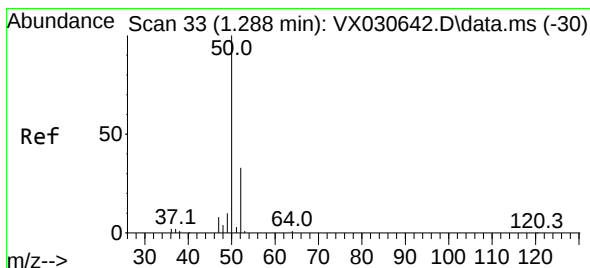
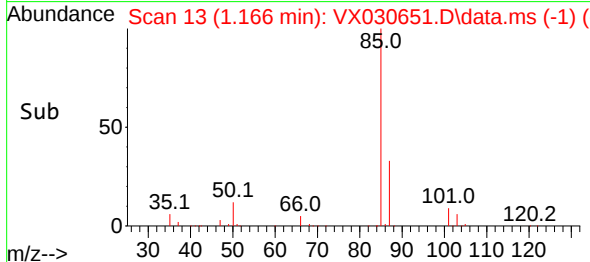
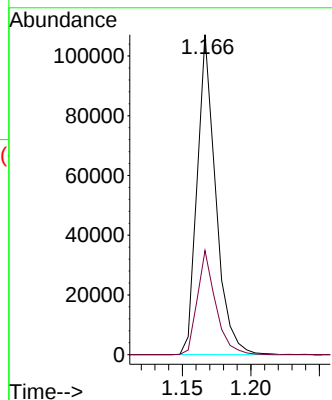
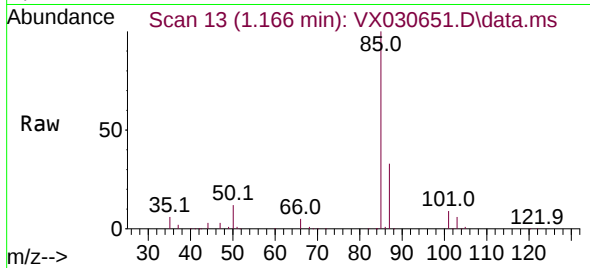




#2
 Dichlorodifluoromethane
 Concen: 46.297 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

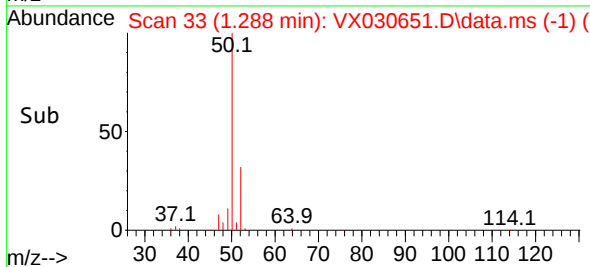
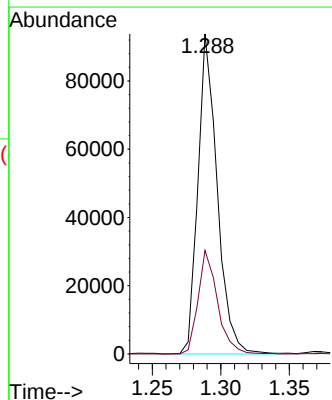
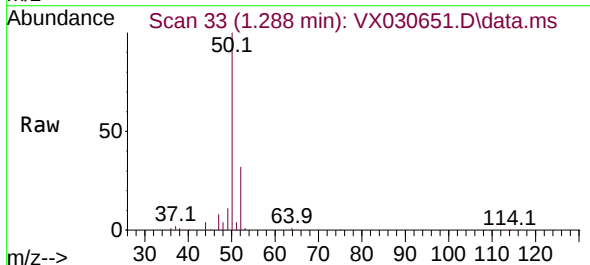
Instrument :
 MSVOA_X
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 VSTD050786

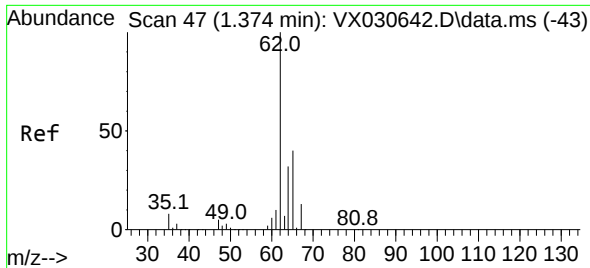
Tgt Ion: 85 Resp: 100931
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 48.997 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

Tgt Ion: 50 Resp: 91848
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3

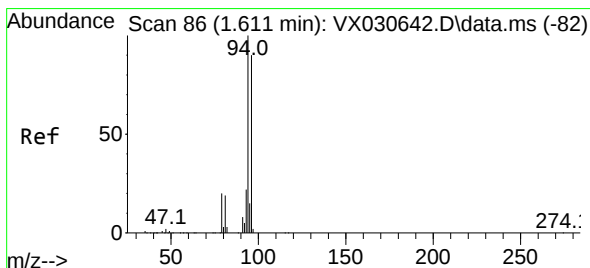
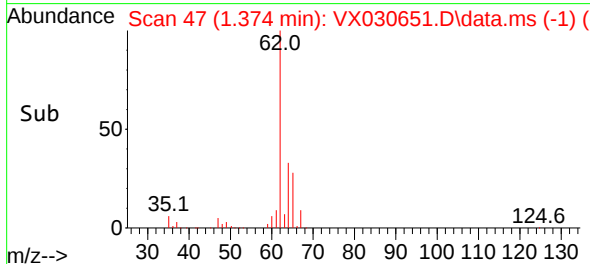
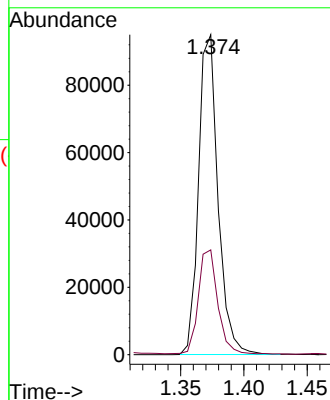
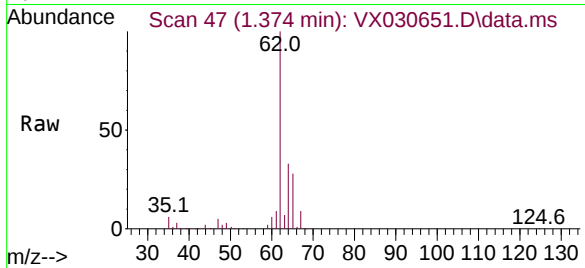




#5
 Vinyl chloride
 Concen: 50.835 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

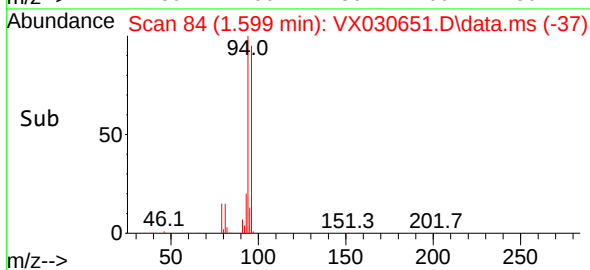
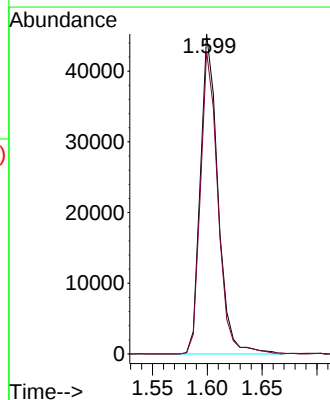
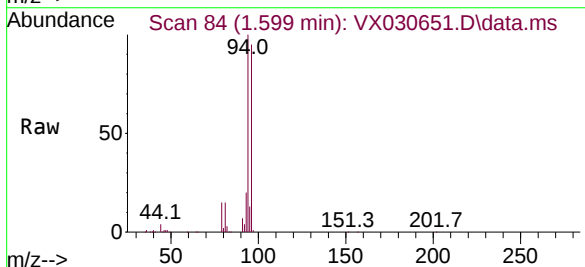
Instrument :
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 ClientSampleId :
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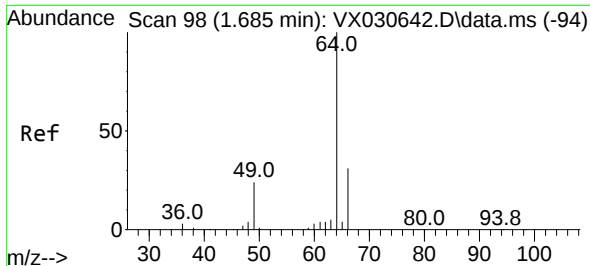
Tgt Ion: 62 Resp: 101787
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.8 44.2



#6
 Bromomethane
 Concen: 53.477 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

Tgt Ion: 94 Resp: 50319
 Ion Ratio Lower Upper
 94 100
 96 94.6 63.8 118.6

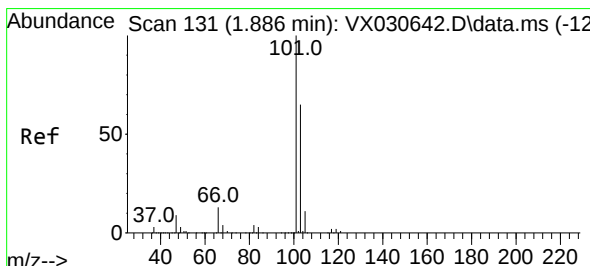
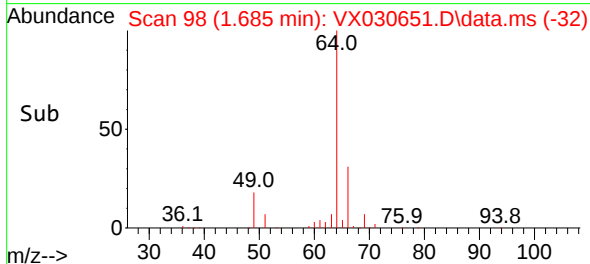
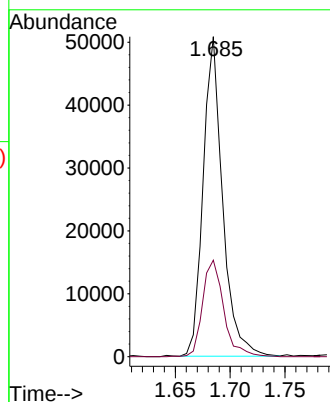
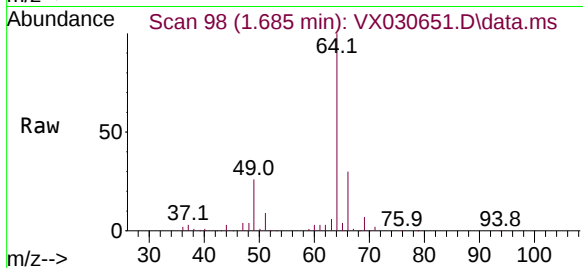




#8
Chloroethane
Concen: 54.995 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

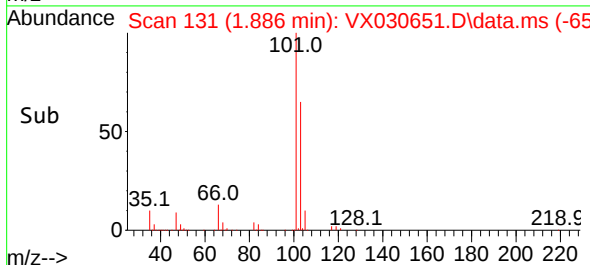
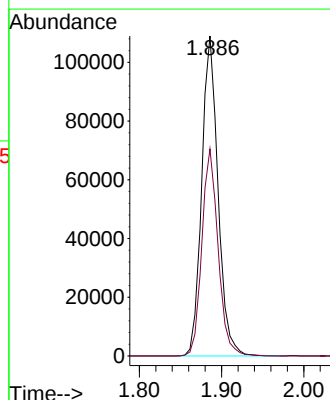
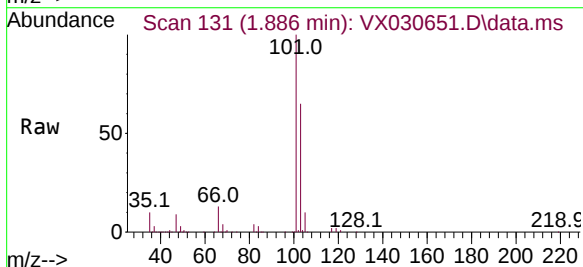
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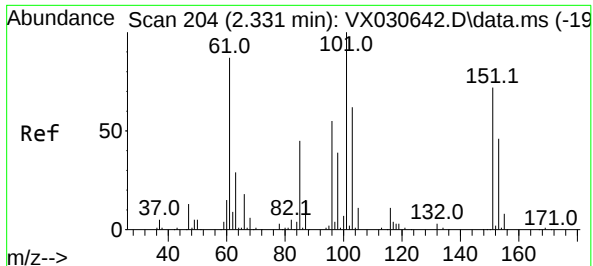
Tgt Ion: 64 Resp: 62724
Ion Ratio Lower Upper
64 100
66 30.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.928 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 101 Resp: 150710
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

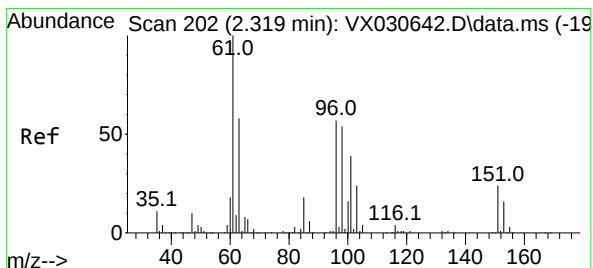
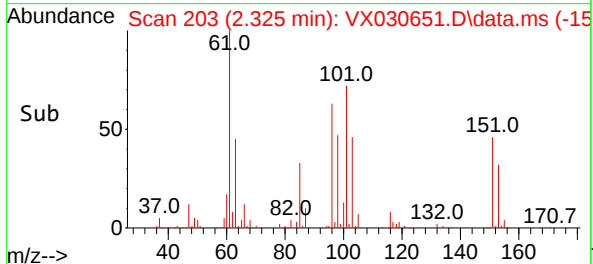
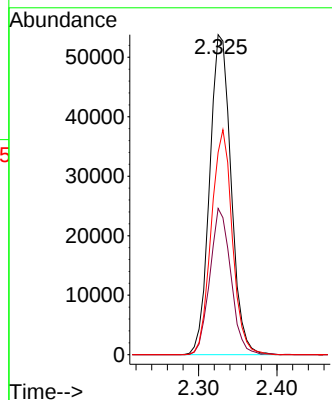
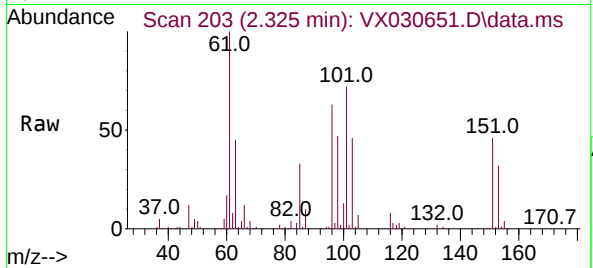




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 58.168 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

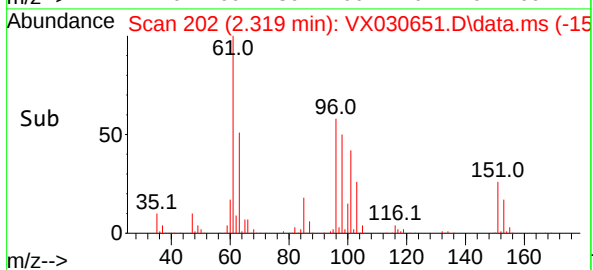
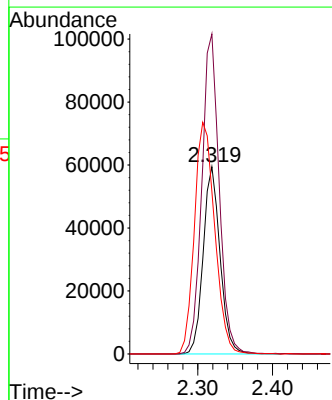
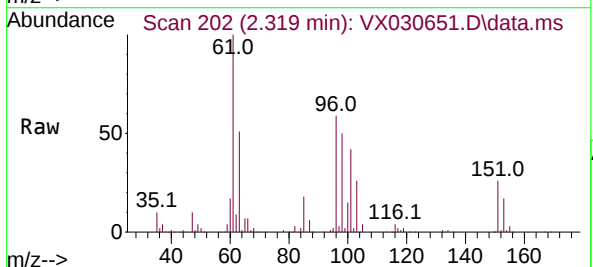
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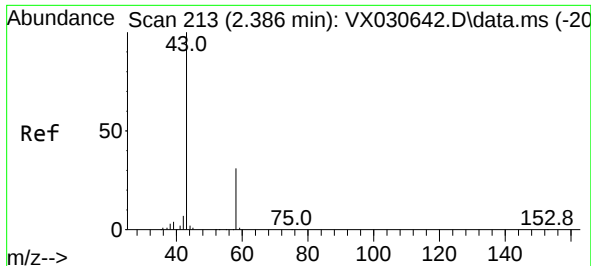
Tgt Ion:101 Resp: 102383
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.3 52.9
 151 69.0 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 57.432 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

Tgt Ion: 96 Resp: 93131
 Ion Ratio Lower Upper
 96 100
 61 170.9 130.2 241.8
 63 86.8 113.5 210.9#





#13

Acetone

Concen: 96.312 ug/L

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

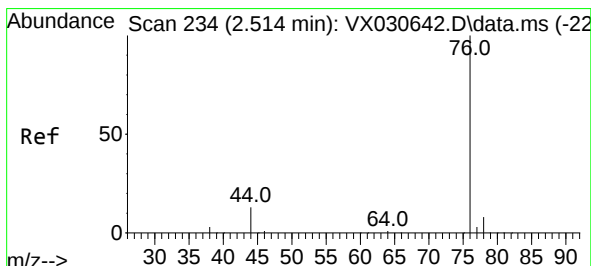
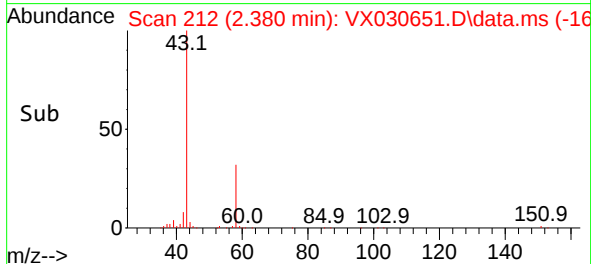
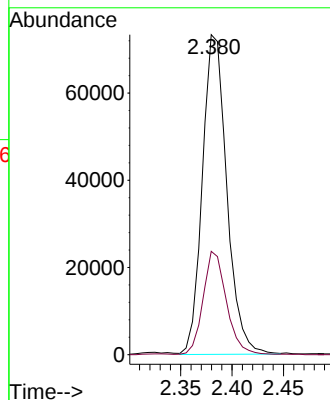
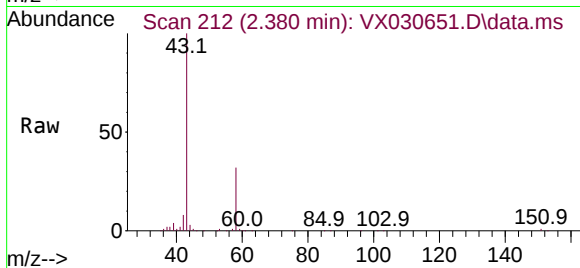
VSTD050786

Tgt Ion: 43 Resp: 121683

Ion Ratio Lower Upper

43 100

58 30.7 0.0 57.8



#14

Carbon disulfide

Concen: 43.114 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX030651.D

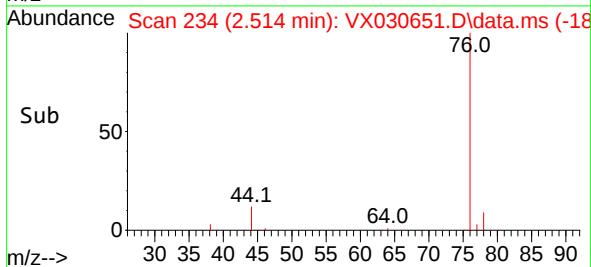
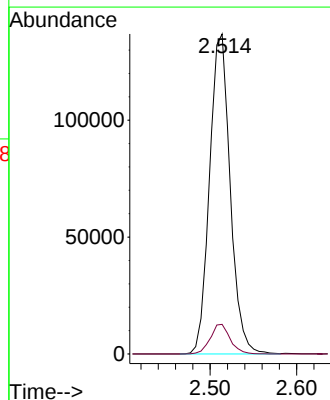
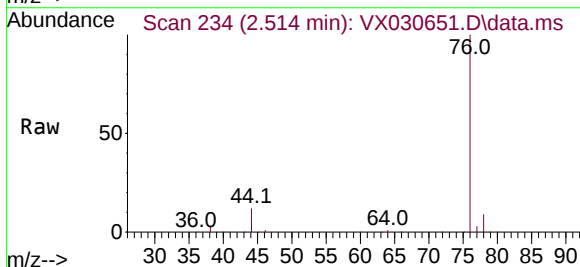
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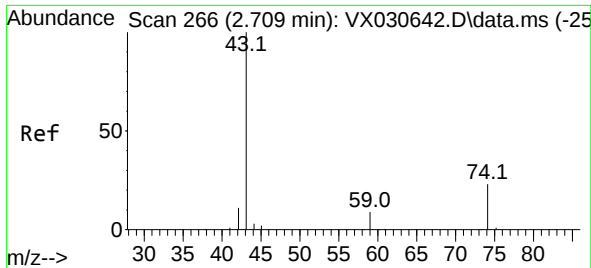
Tgt Ion: 76 Resp: 226598

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

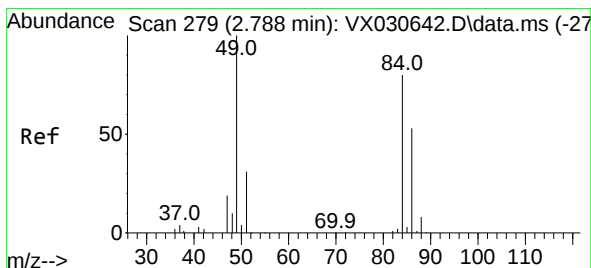
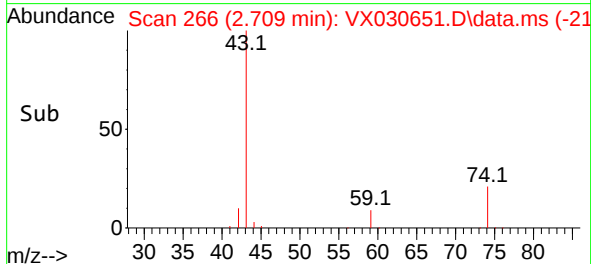
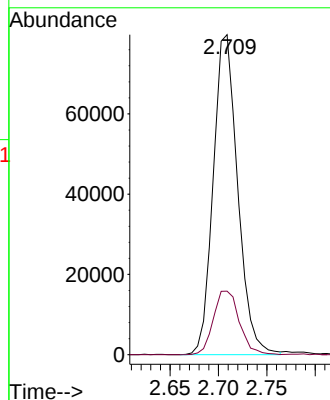
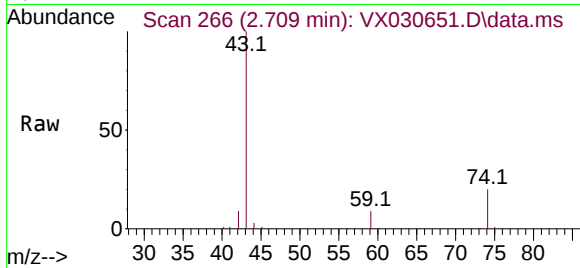




#15
Methyl Acetate
Concen: 53.653 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

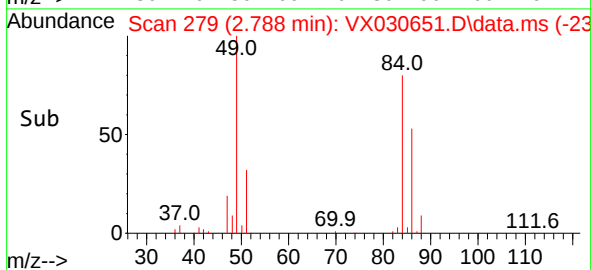
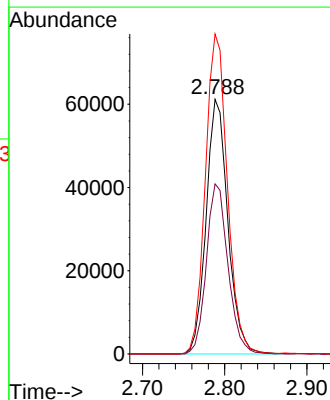
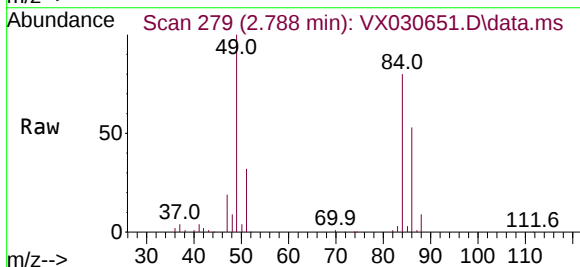
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

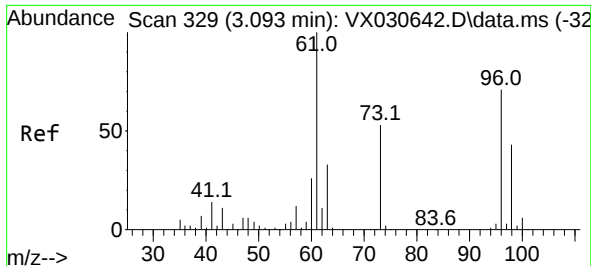
Tgt Ion: 43 Resp: 140310
Ion Ratio Lower Upper
43 100
74 21.1 17.2 25.8



#16
Methylene chloride
Concen: 54.715 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 84 Resp: 112505
Ion Ratio Lower Upper
84 100
86 66.8 44.2 82.2
49 125.7 89.0 165.2

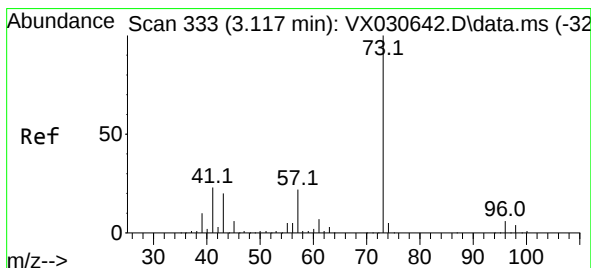
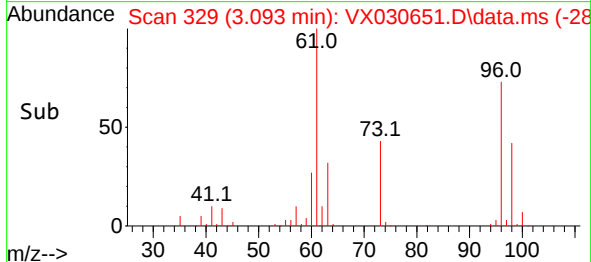
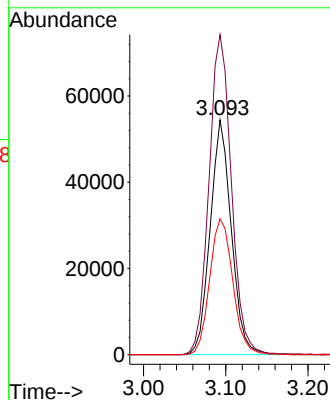
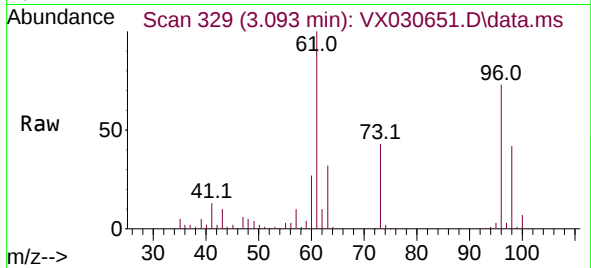




#17
trans-1,2-Dichloroethene
Concen: 51.934 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

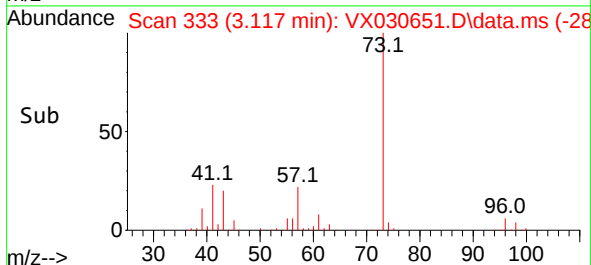
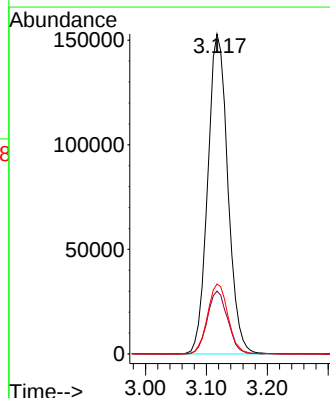
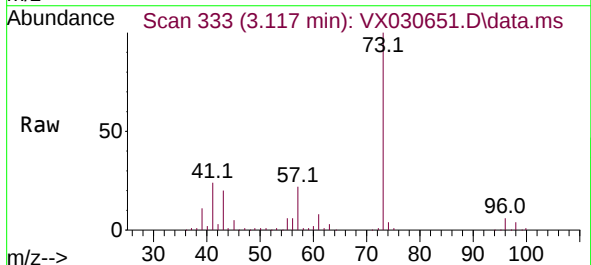
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

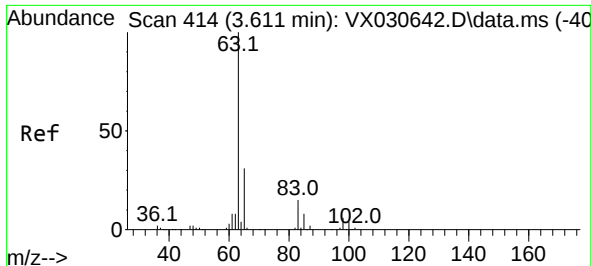
Tgt Ion: 96 Resp: 97566
Ion Ratio Lower Upper
96 100
61 136.4 103.7 192.5
98 57.9 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 54.933 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 73 Resp: 350956
Ion Ratio Lower Upper
73 100
43 19.9 17.6 26.4
57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 55.609 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050786

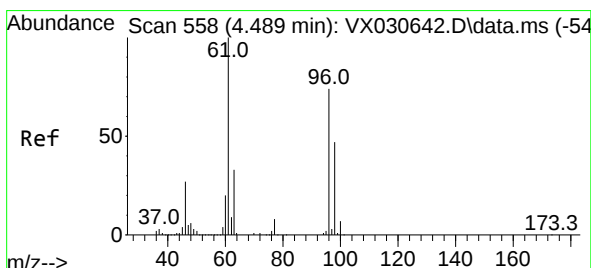
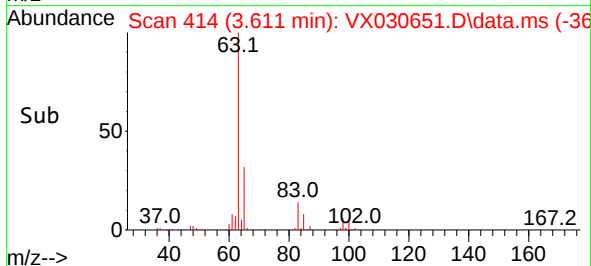
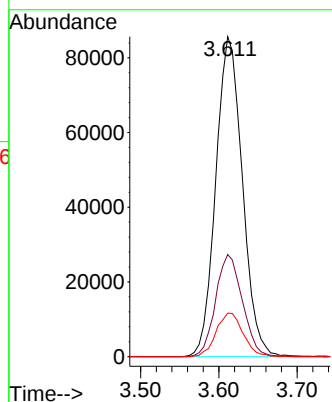
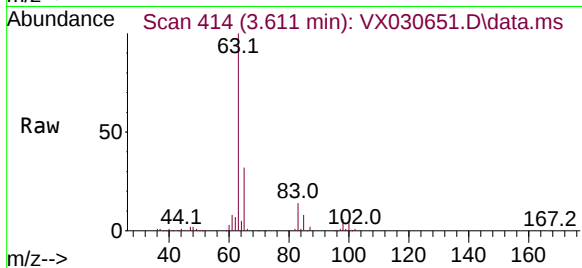
Tgt Ion: 63 Resp: 202057

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 13.6 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 55.766 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

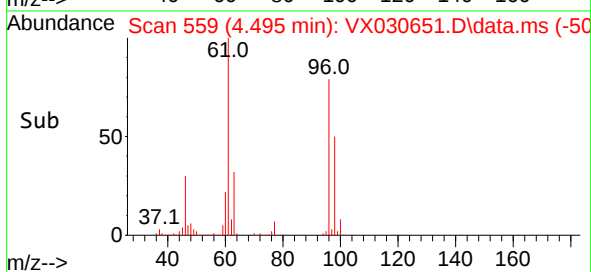
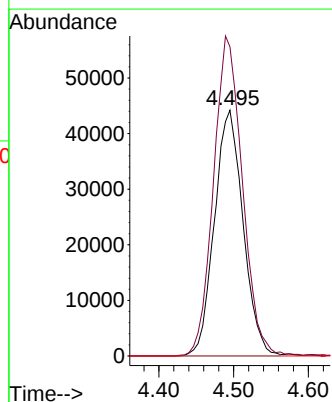
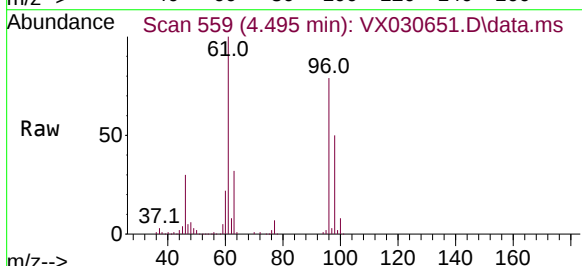
Tgt Ion: 96 Resp: 117852

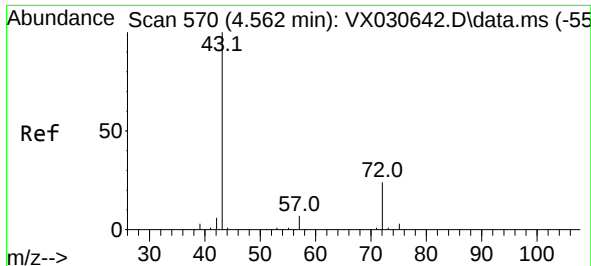
Ion Ratio Lower Upper

96 100

61 125.8 94.0 174.6

68 0.0 0.0 0.0

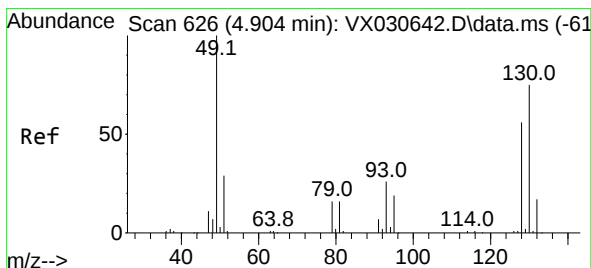
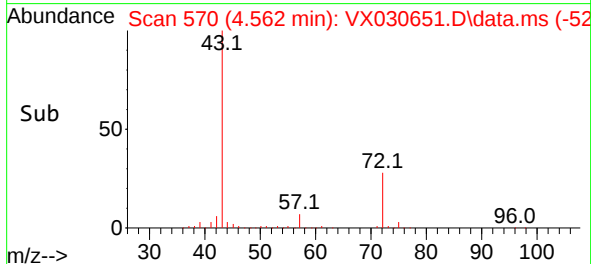
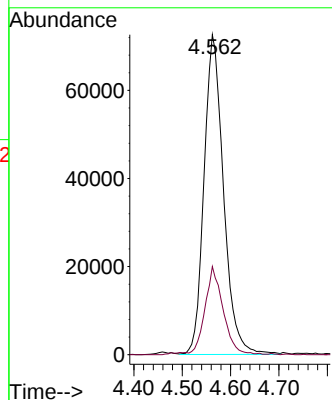
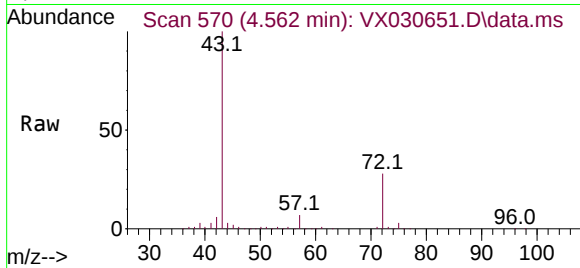




#22
2-Butanone
Concen: 101.977 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

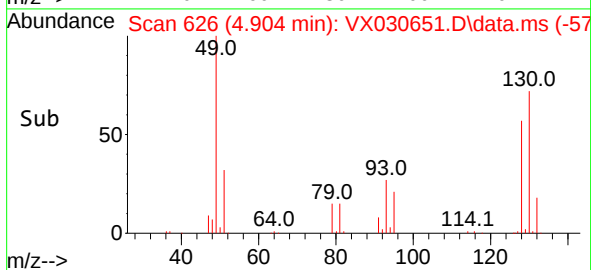
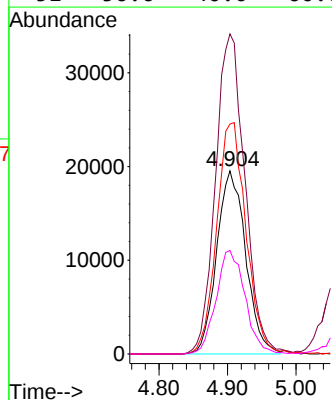
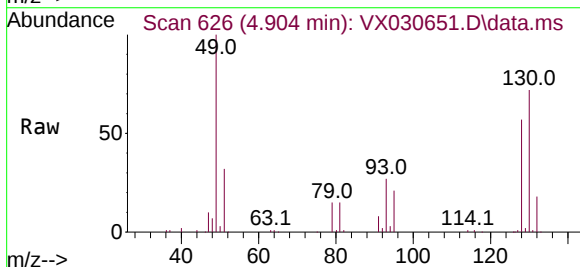
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

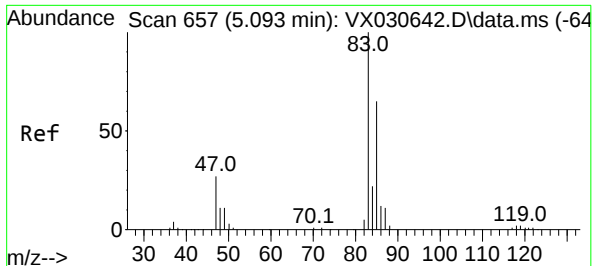
Tgt Ion: 43 Resp: 203250
Ion Ratio Lower Upper
43 100
72 25.4 11.7 35.1



#23
Bromochloromethane
Concen: 54.288 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion:128 Resp: 57534
Ion Ratio Lower Upper
128 100
49 174.8 116.8 216.8
130 125.6 90.3 167.7
51 56.6 40.0 60.0

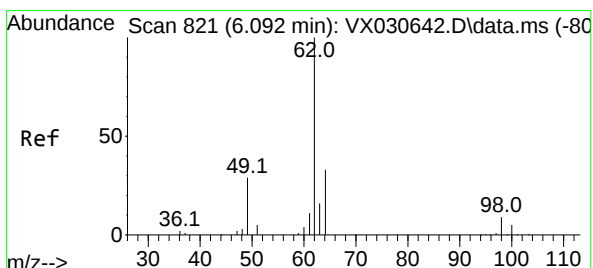
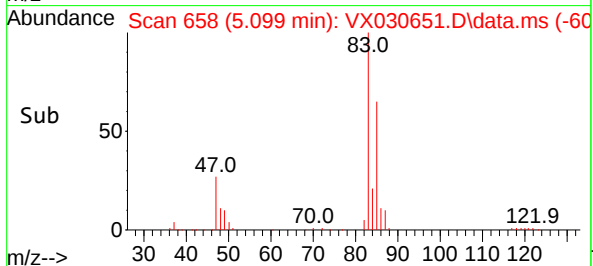
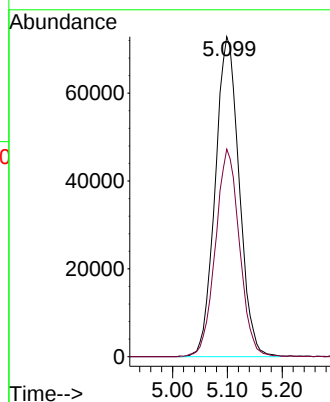
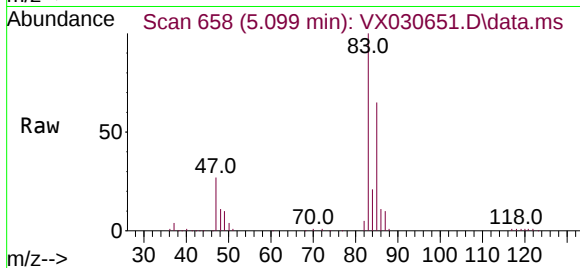




#25
Chloroform
Concen: 57.916 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

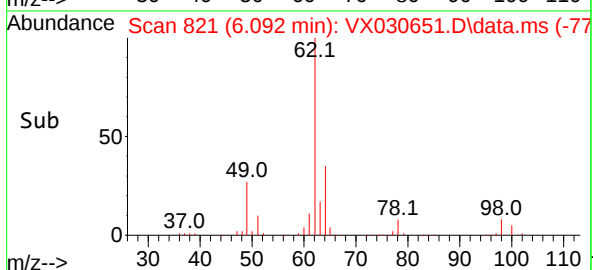
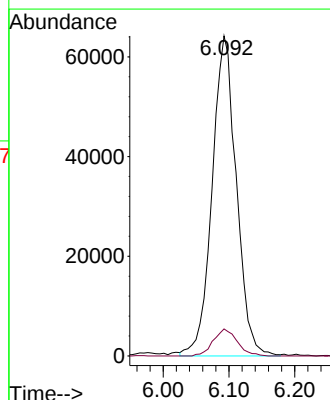
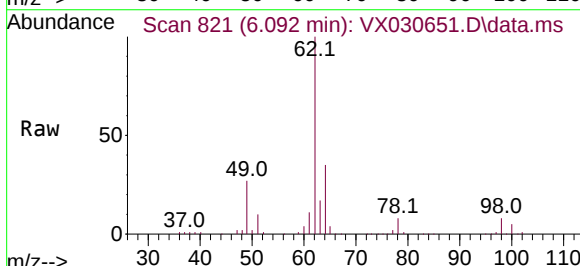
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

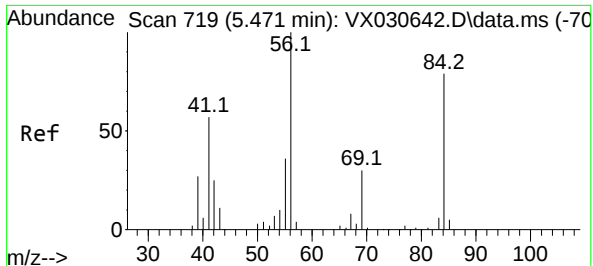
Tgt Ion: 83 Resp: 221107
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.6



#27
1,2-Dichloroethane
Concen: 51.882 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 62 Resp: 164855
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6

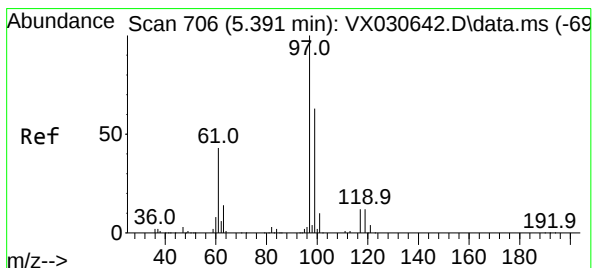
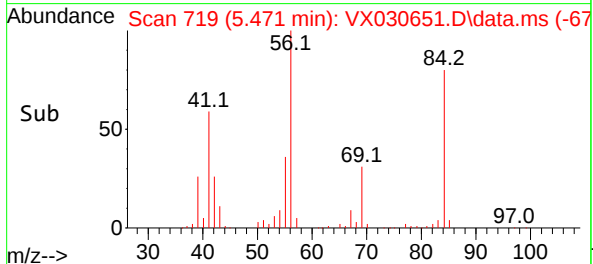
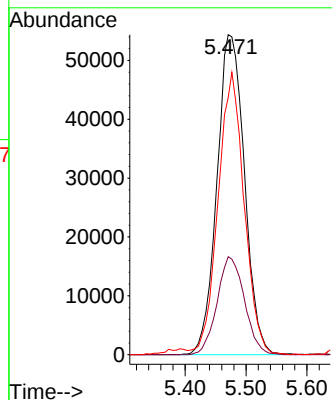
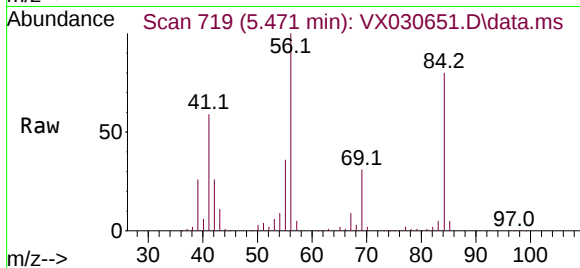




#29
Cyclohexane
Concen: 47.518 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

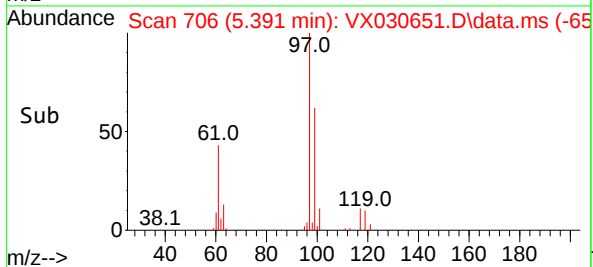
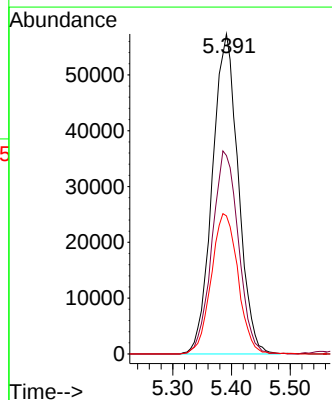
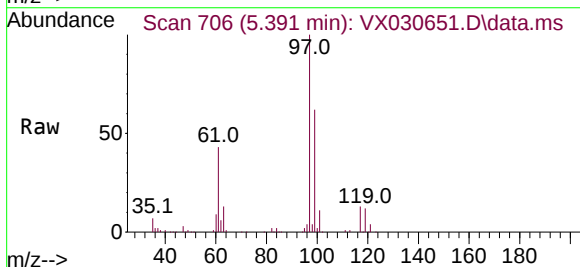
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

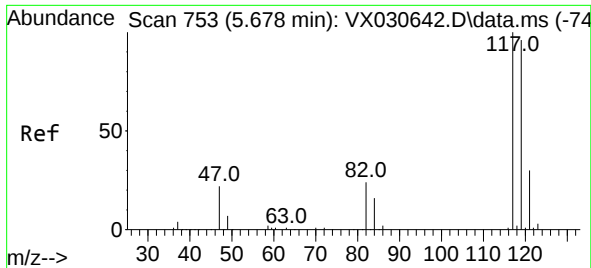
Tgt Ion: 56 Resp: 170515
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 83.7 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 49.328 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 97 Resp: 175632
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 45.2 37.0 55.6

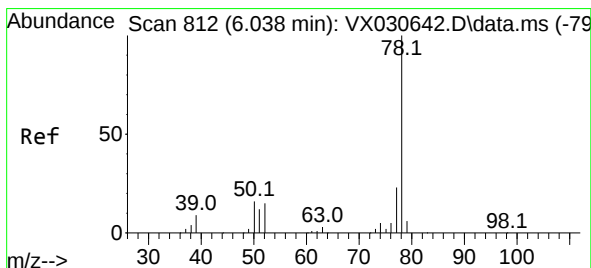
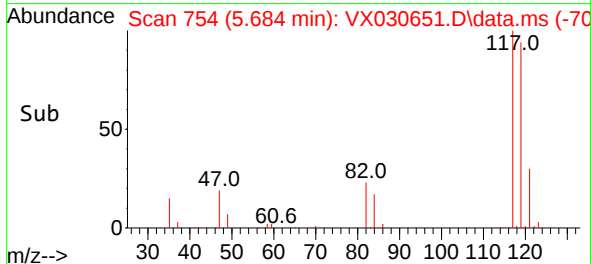
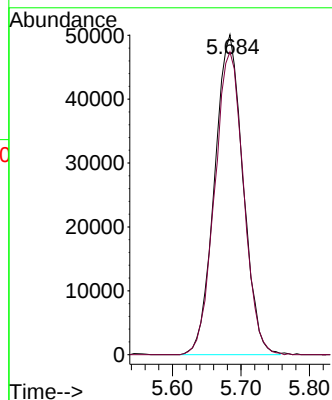
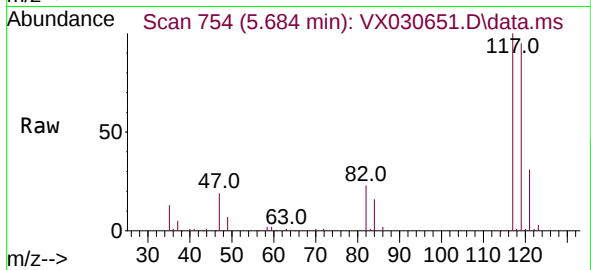




#31
Carbon tetrachloride
Concen: 49.164 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

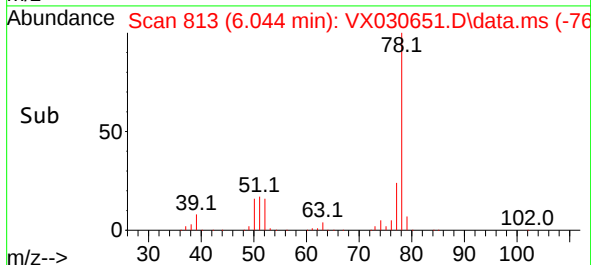
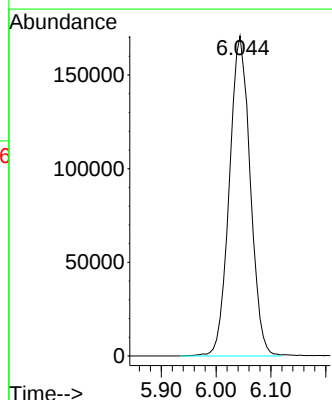
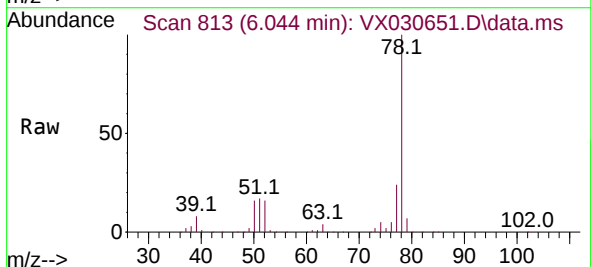
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

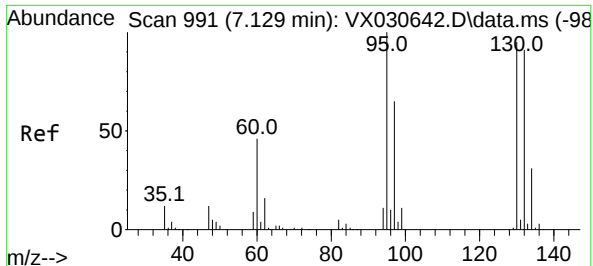
Tgt Ion:117 Resp: 144474
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2



#33
Benzene
Concen: 52.213 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 78 Resp: 451871

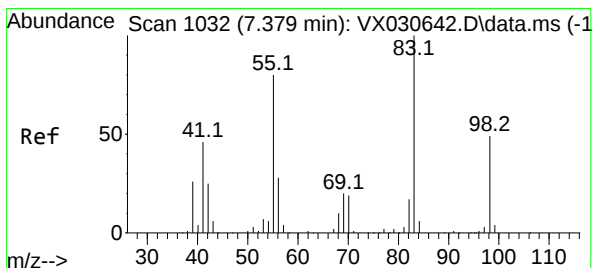
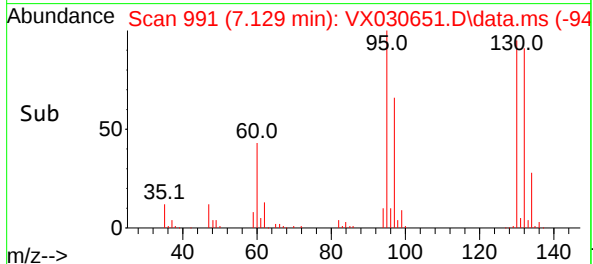
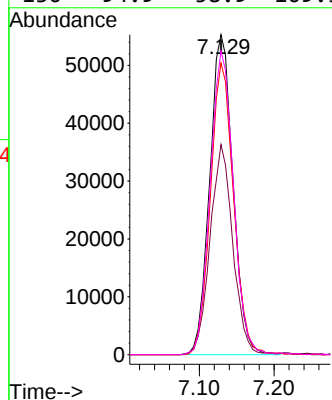
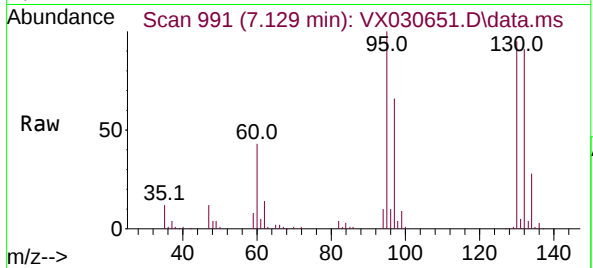




#34
Trichloroethene
Concen: 47.877 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

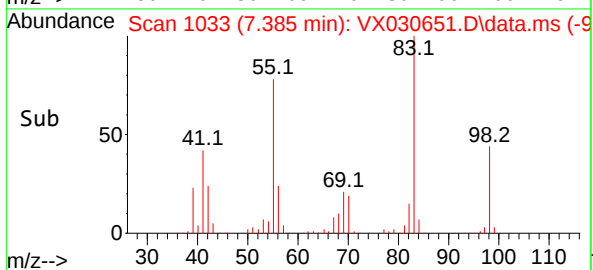
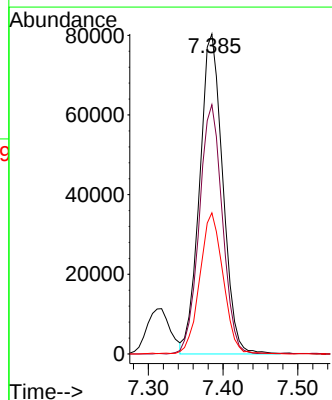
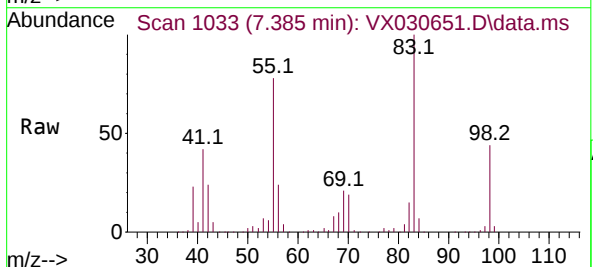
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

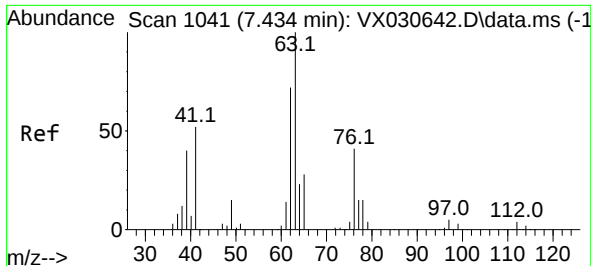
Tgt Ion: 95 Resp: 120007
Ion Ratio Lower Upper
95 100
97 65.6 40.2 74.6
132 91.1 55.3 102.7
130 94.9 58.9 109.5



#35
Methylcyclohexane
Concen: 47.302 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 83 Resp: 172603
Ion Ratio Lower Upper
83 100
55 77.9 64.0 96.0
98 44.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 53.254 ug/L

RT: 7.434 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

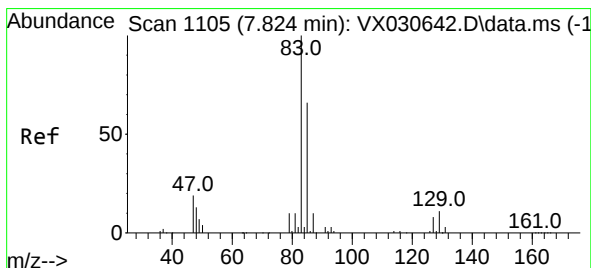
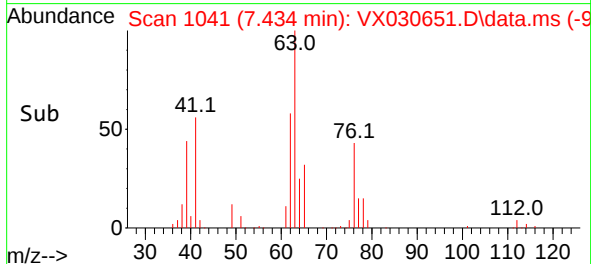
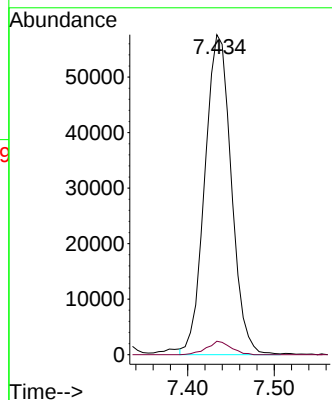
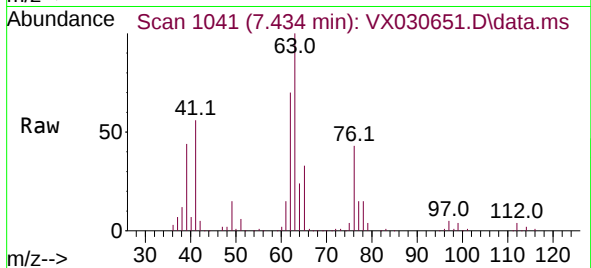
VSTD050786

Tgt Ion: 63 Resp: 122541

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 51.947 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

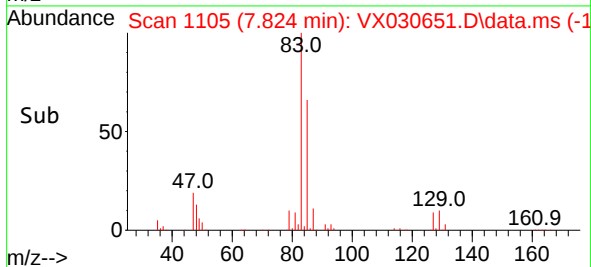
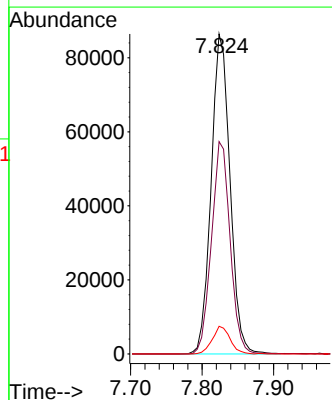
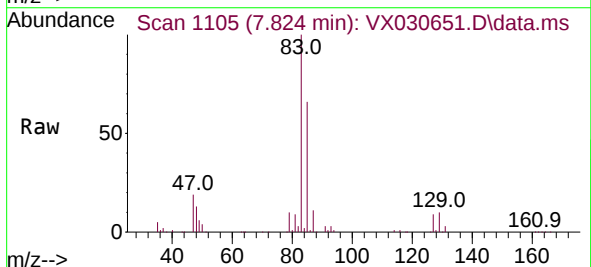
Tgt Ion: 83 Resp: 158200

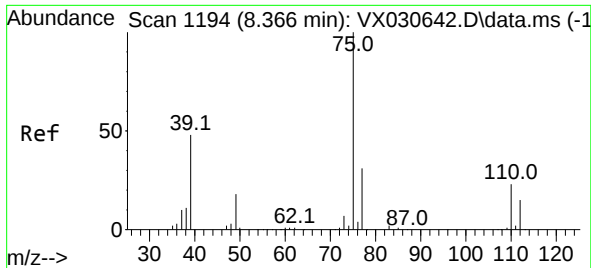
Ion Ratio Lower Upper

83 100

85 66.3 42.5 78.9

127 8.7 6.2 9.2

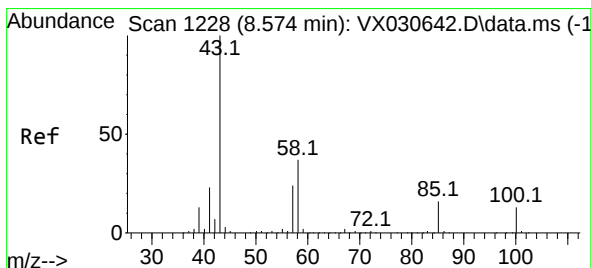
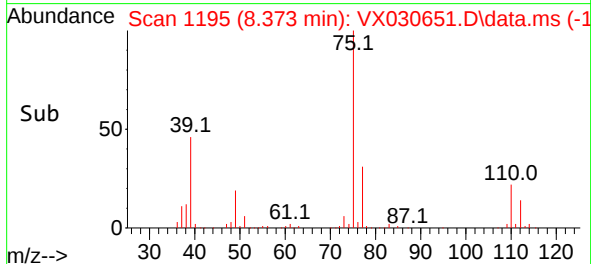
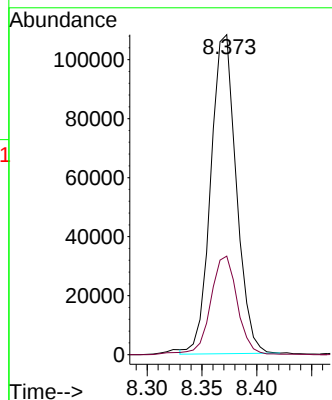
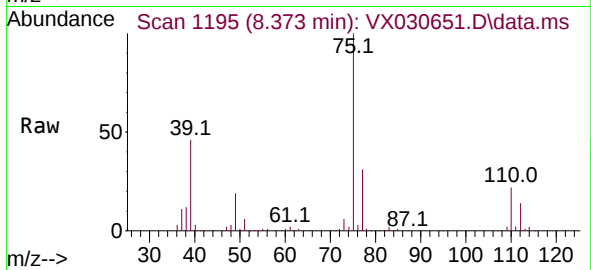




#39
 cis-1,3-Dichloropropene
 Concen: 51.014 ug/L
 RT: 8.373 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

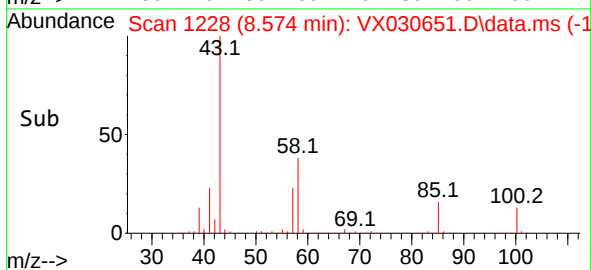
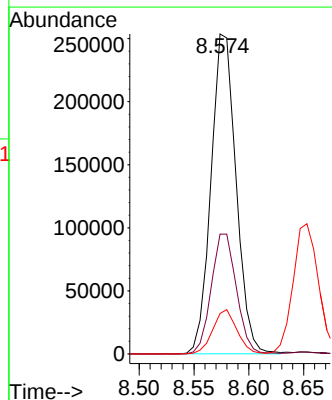
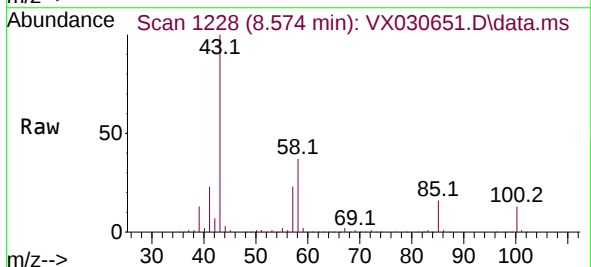
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050786

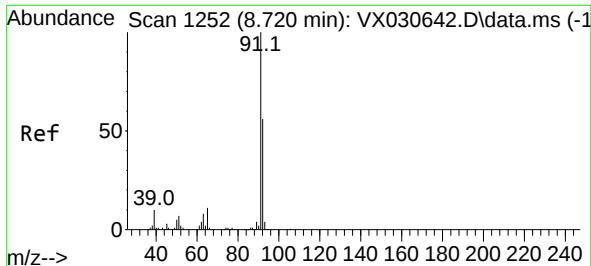
Tgt Ion: 75 Resp: 175110
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 100.879 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

Tgt Ion: 43 Resp: 404241
 Ion Ratio Lower Upper
 43 100
 58 37.7 29.0 43.6
 100 13.4 10.5 15.7





#42

Toluene

Concen: 52.131 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

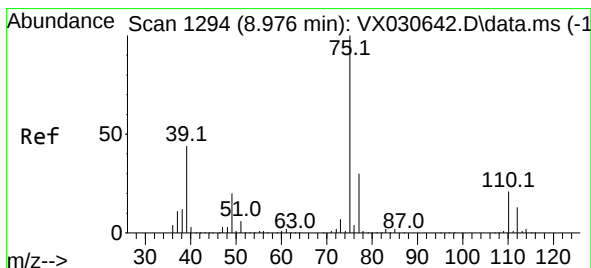
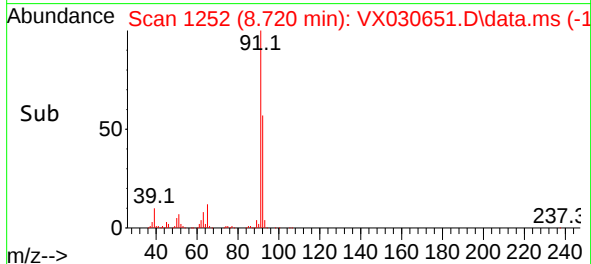
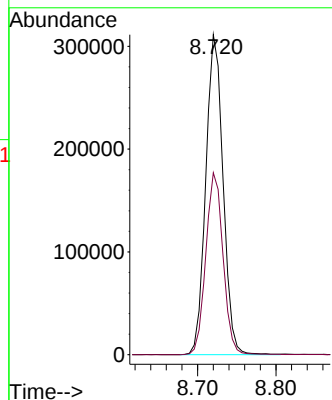
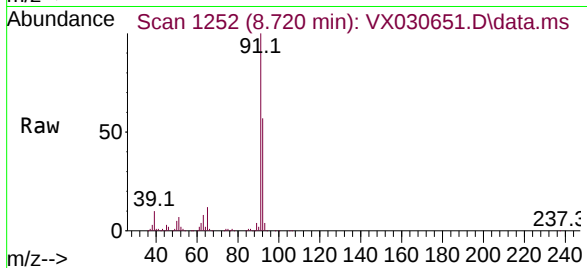
VSTD050786

Tgt Ion: 91 Resp: 476606

Ion Ratio Lower Upper

91 100

92 56.9 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 52.177 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX030651.D

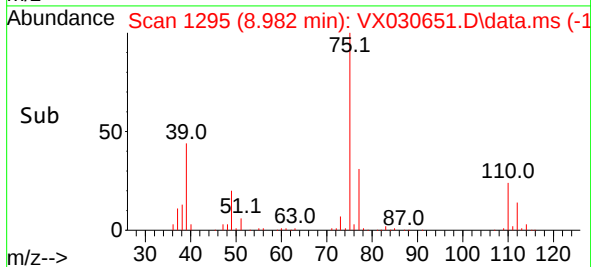
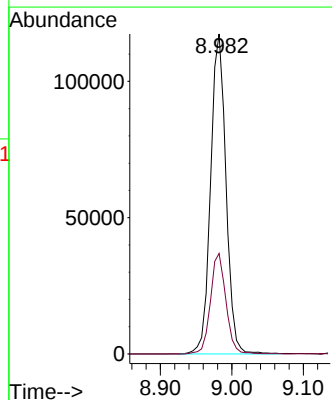
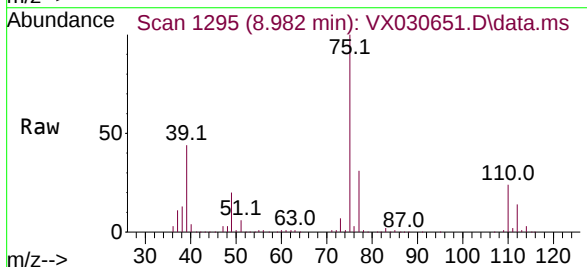
Acq: 16 Aug 2022 13:45

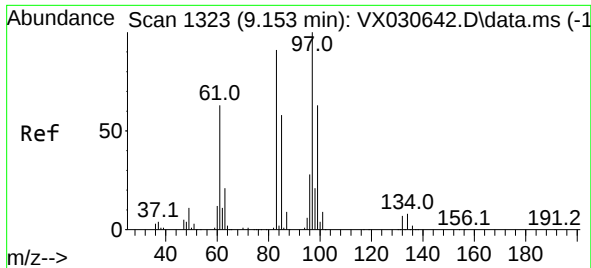
Tgt Ion: 75 Resp: 175300

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7

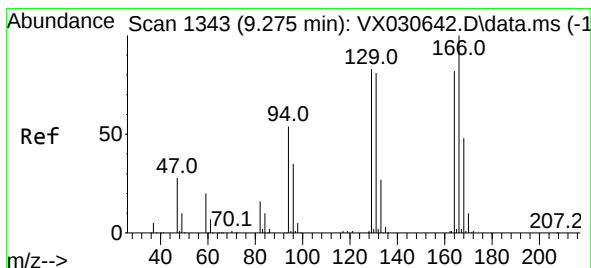
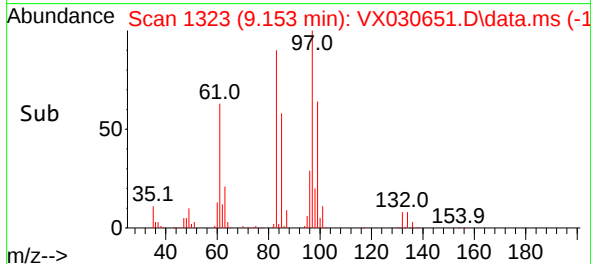
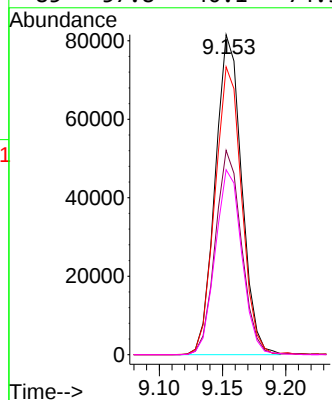
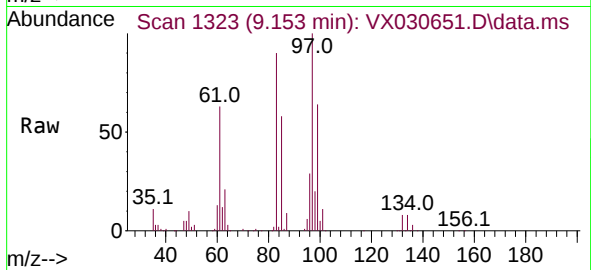




#45
1,1,2-Trichloroethane
Concen: 55.233 ug/L
RT: 9.153 min Scan# 118179
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

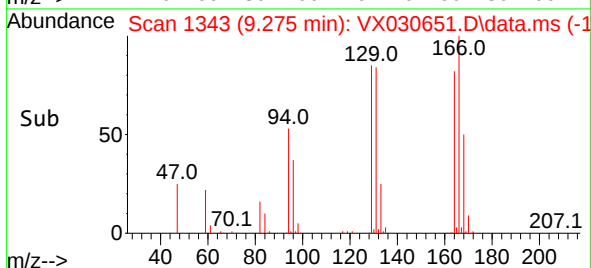
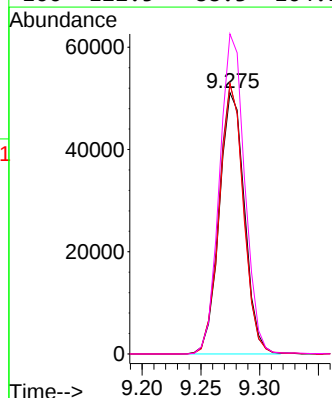
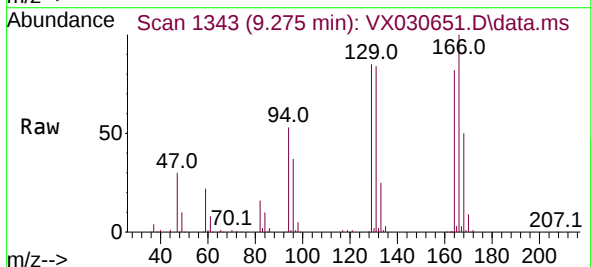
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

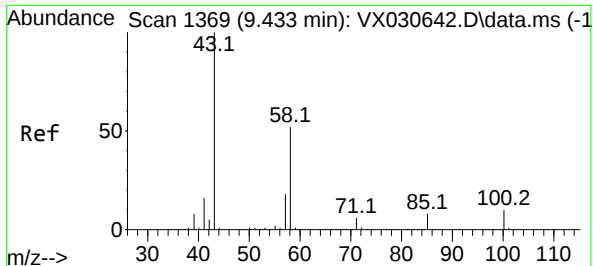
Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.3	80.3
83	89.9	63.0	117.0
85	57.8	40.1	74.5



#46
Tetrachloroethene
Concen: 48.016 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
129	103.5	72.7	135.1
131	103.4	69.9	129.9
166	122.5	88.3	164.1



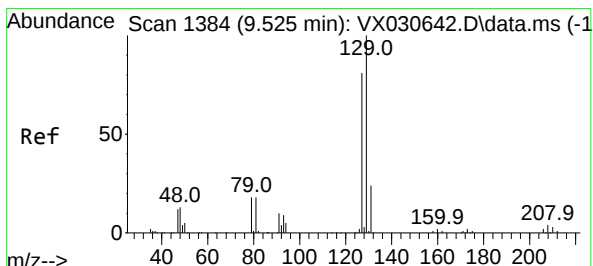
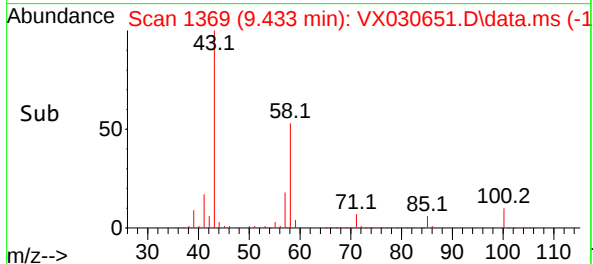
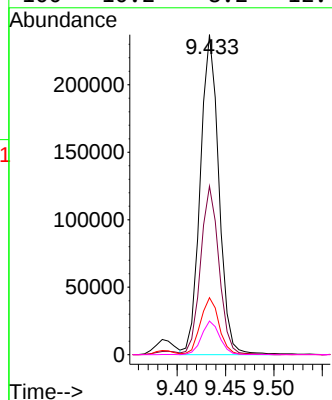
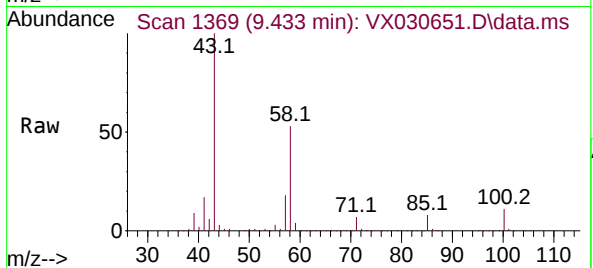


#48
2-Hexanone
Concen: 102.161 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

Tgt Ion: 43 Resp: 318076

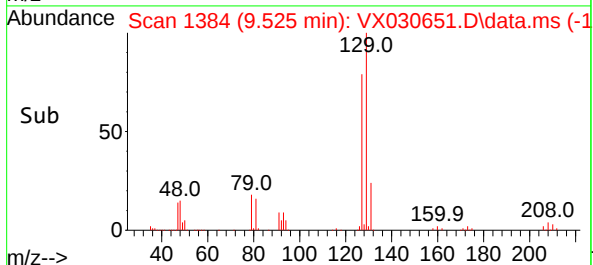
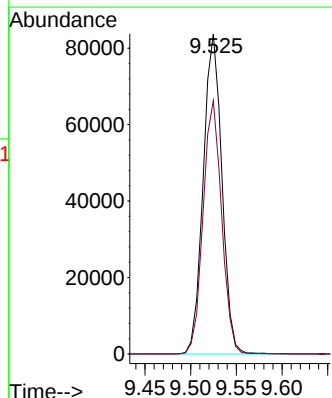
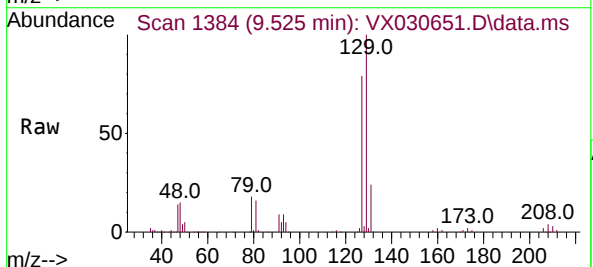
Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.4	60.6
57	17.9	14.6	22.0
100	10.2	8.2	12.4

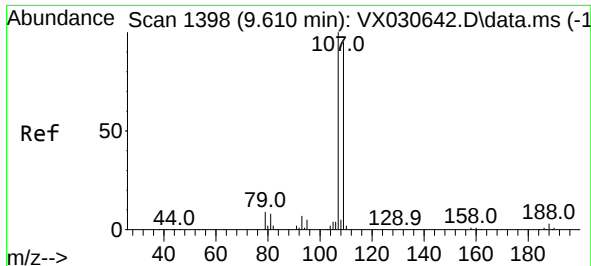


#49
Dibromochloromethane
Concen: 52.025 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 129 Resp: 118426

Ion	Ratio	Lower	Upper
129	100		
127	79.2	55.6	103.2





#50

1,2-Dibromoethane

Concen: 51.084 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050786

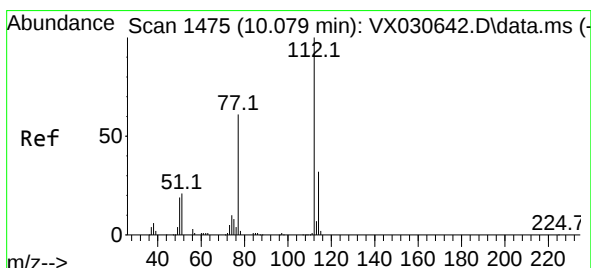
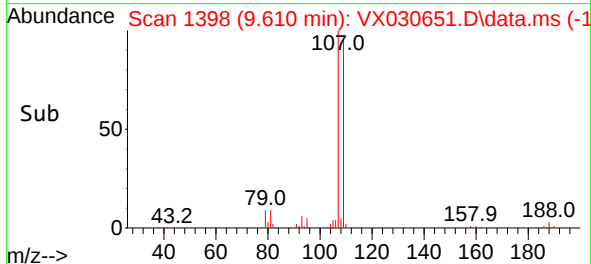
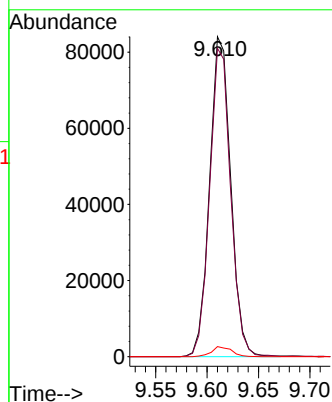
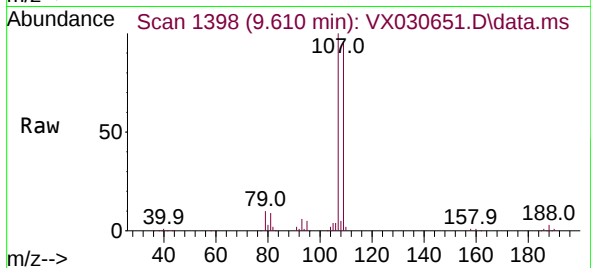
Tgt Ion:107 Resp: 120201

Ion Ratio Lower Upper

107 100

109 96.3 64.8 120.4

188 3.1 2.2 3.2



#51

Chlorobenzene

Concen: 53.121 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

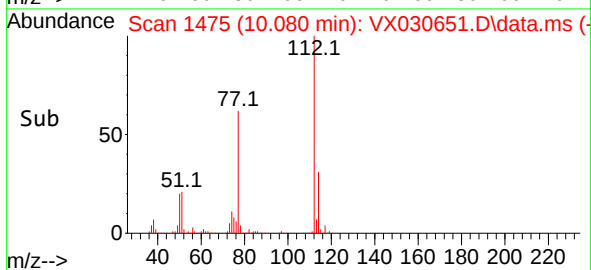
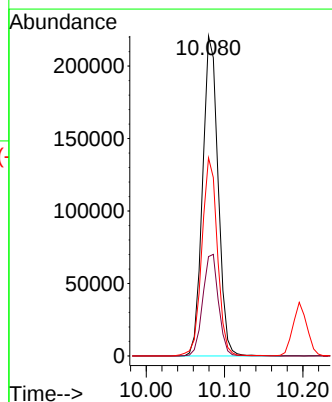
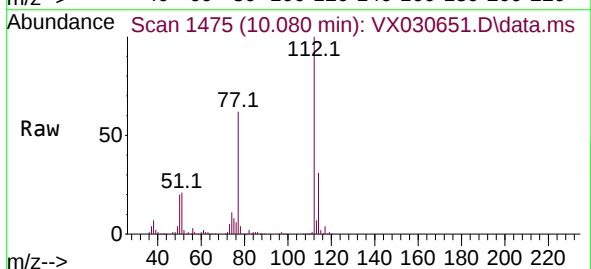
Tgt Ion:112 Resp: 302567

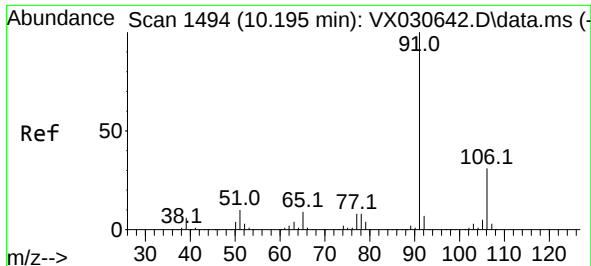
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 61.9 50.8 76.2





#52

Ethylbenzene

Concen: 53.268 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

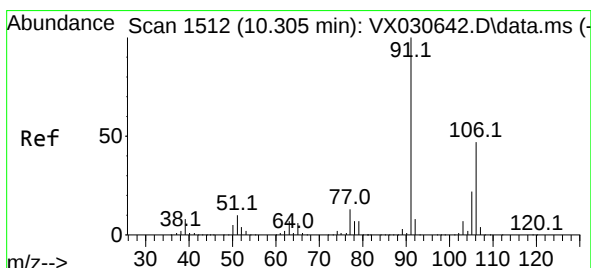
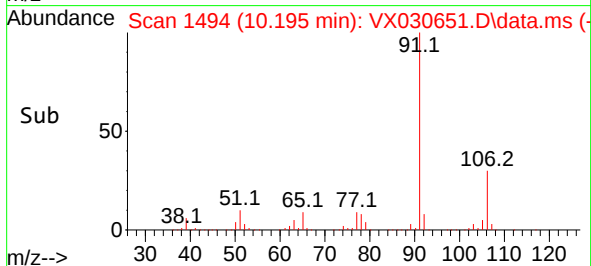
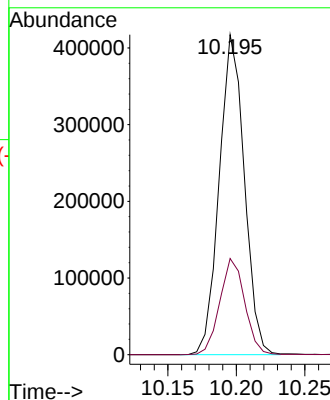
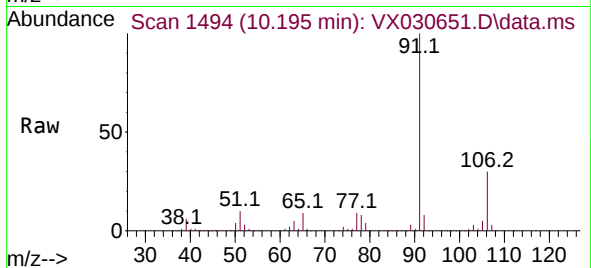
VSTD050786

Tgt Ion: 91 Resp: 531003

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 53.948 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030651.D

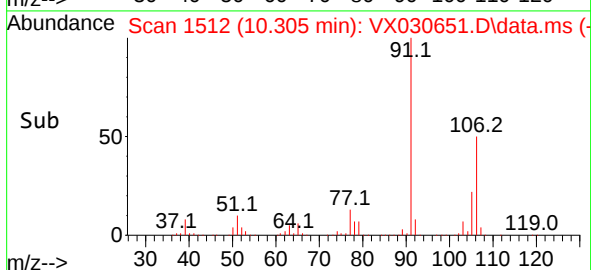
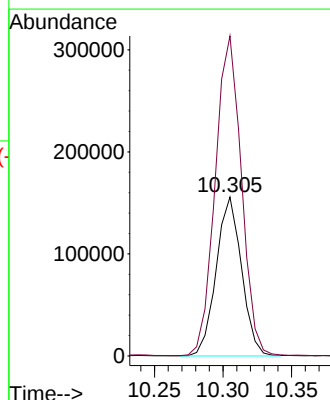
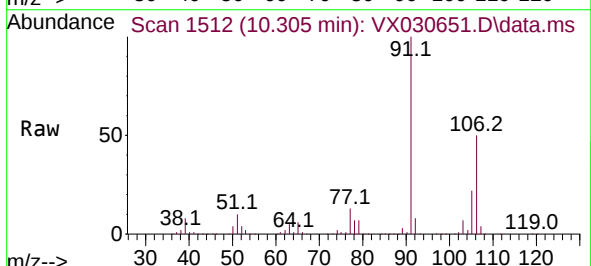
Acq: 16 Aug 2022 13:45

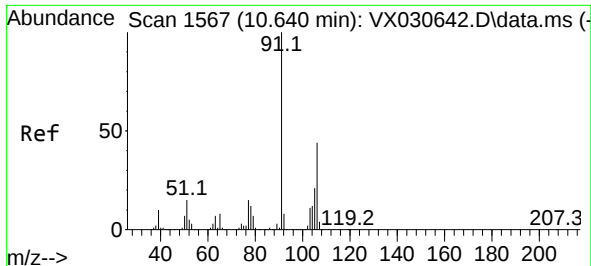
Tgt Ion: 106 Resp: 200446

Ion Ratio Lower Upper

106 100

91 201.5 147.8 274.6

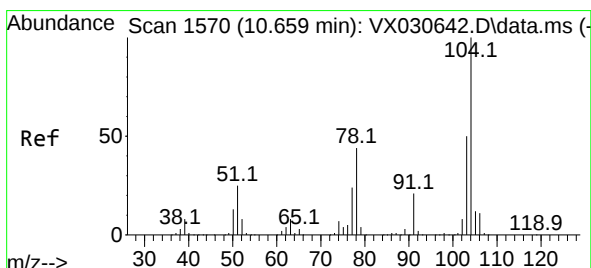
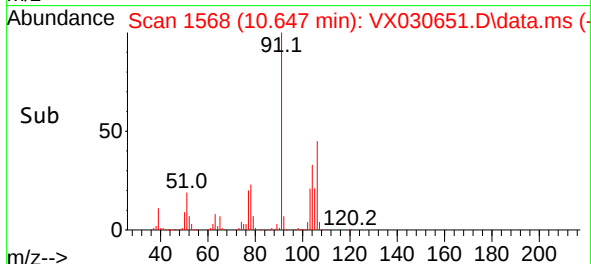
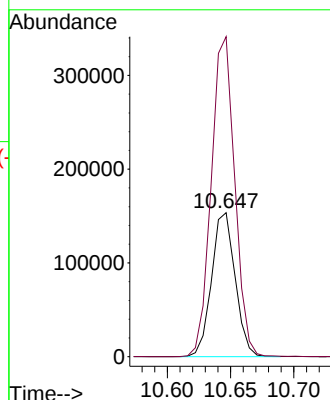
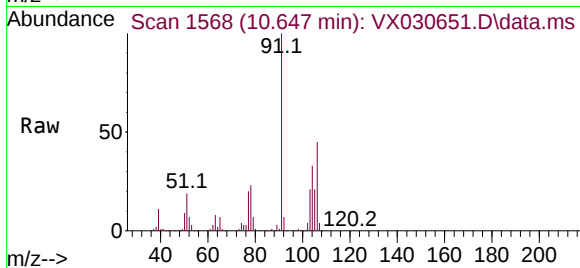




#54
o-Xylene
Concen: 53.785 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

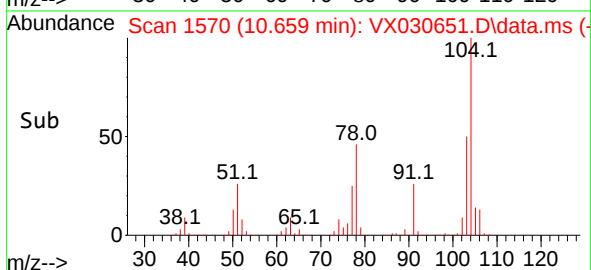
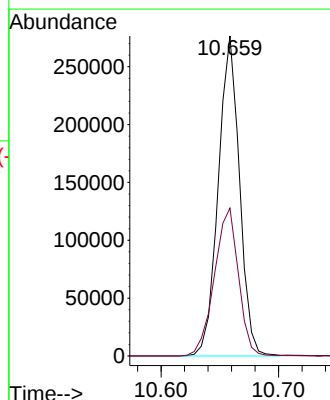
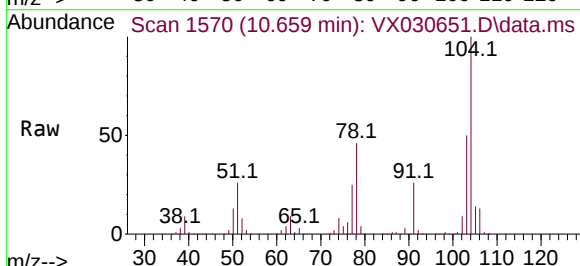
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

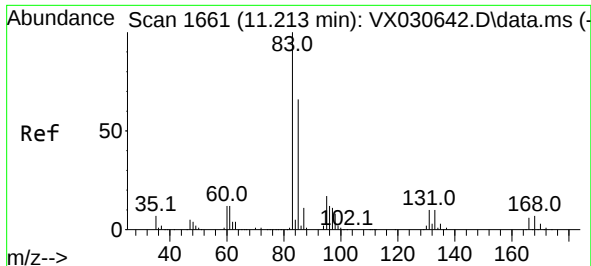
Tgt Ion:106 Resp: 199136
Ion Ratio Lower Upper
106 100
91 222.1 157.8 293.0



#55
Styrene
Concen: 55.728 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion:104 Resp: 347410
Ion Ratio Lower Upper
104 100
78 46.2 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 59.789 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050786

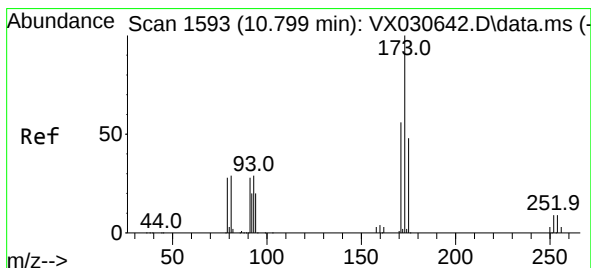
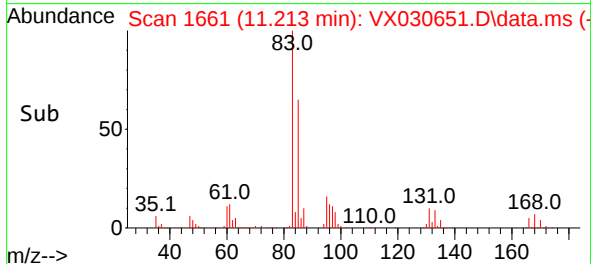
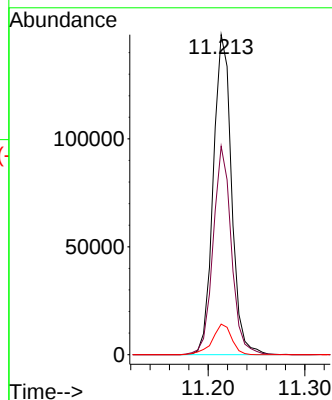
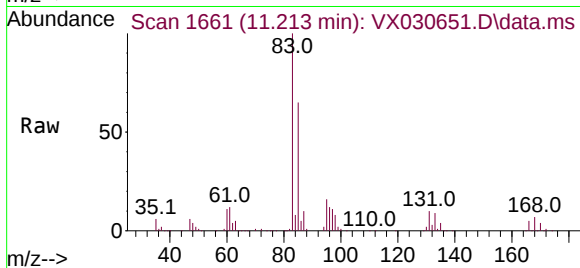
Tgt Ion: 83 Resp: 194651

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4

131 9.5 7.5 11.3



#59

Bromoform

Concen: 51.080 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

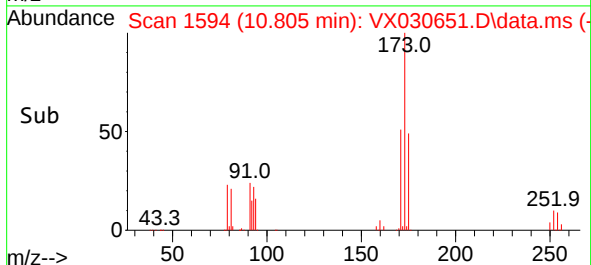
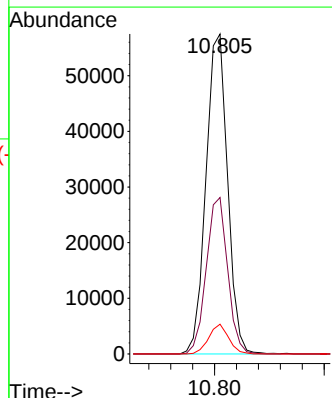
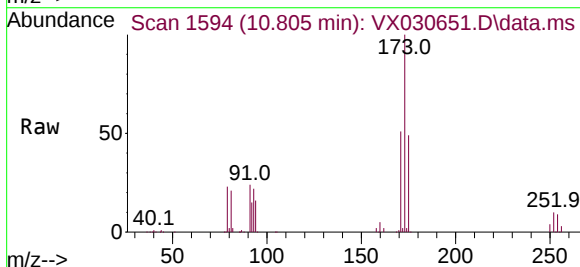
Tgt Ion:173 Resp: 78612

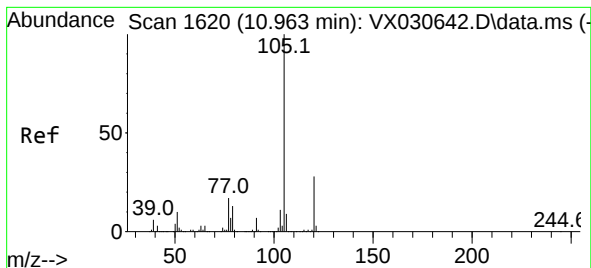
Ion Ratio Lower Upper

173 100

175 48.3 38.9 58.3

254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 52.025 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050786

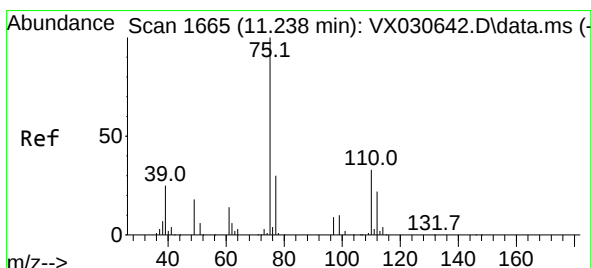
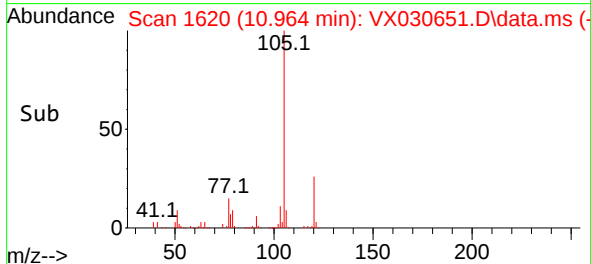
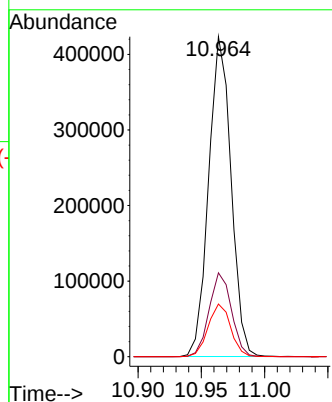
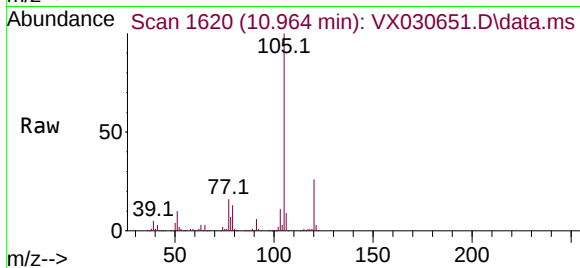
Tgt Ion:105 Resp: 521163

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 16.6 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 52.790 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

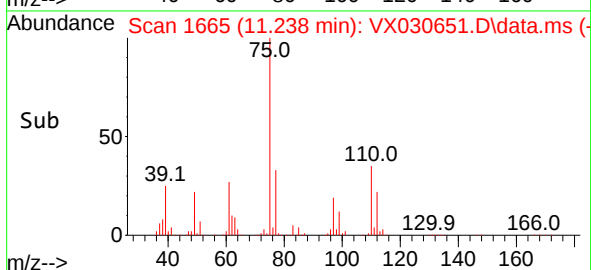
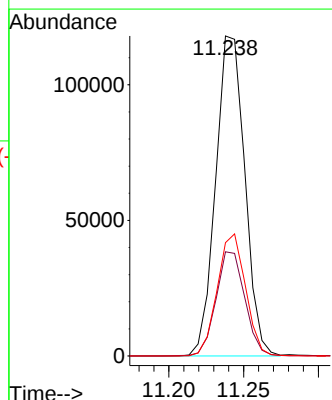
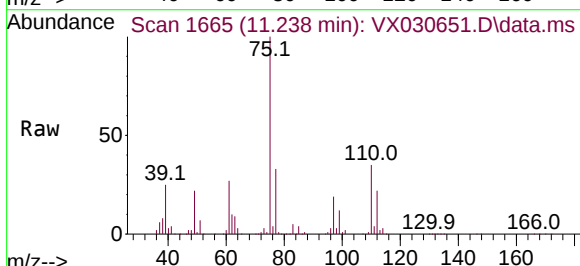
Tgt Ion: 75 Resp: 160220

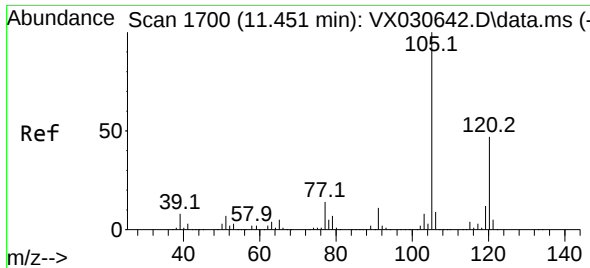
Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

110 36.9 30.5 45.7

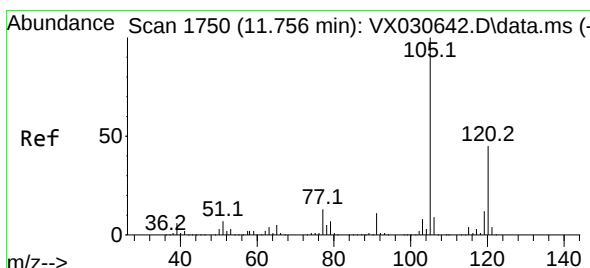
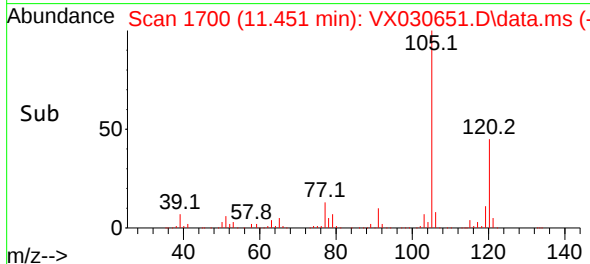
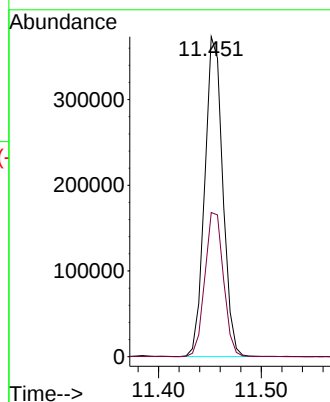
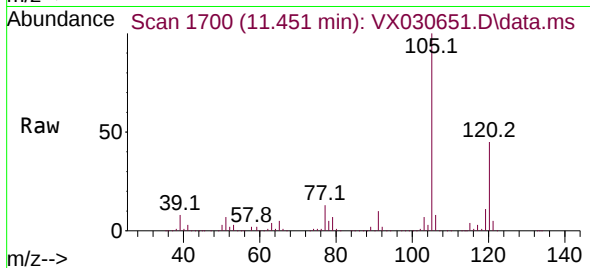




#62
 1,3,5-Trimethylbenzene
 Concen: 53.158 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

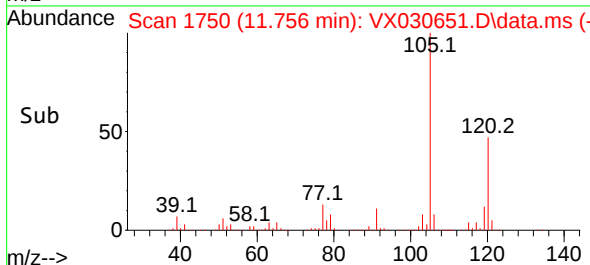
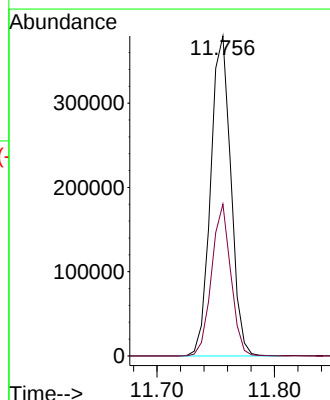
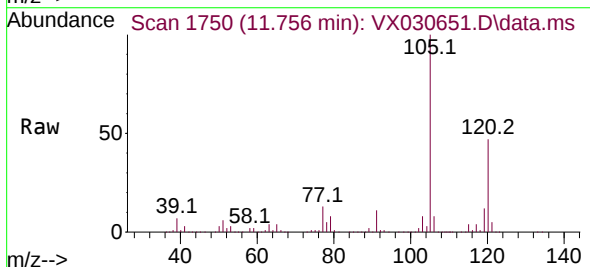
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050786

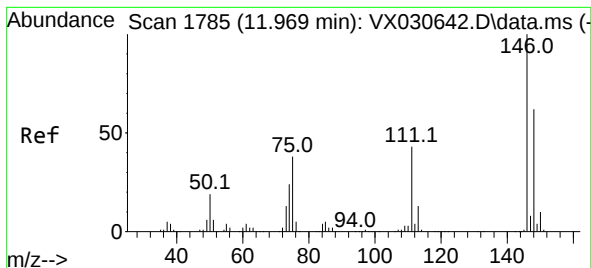
Tgt Ion:105 Resp: 454627
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 52.414 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

Tgt Ion:105 Resp: 452699
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 52.916 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

VSTD050786

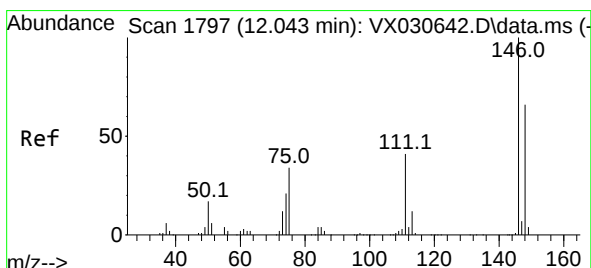
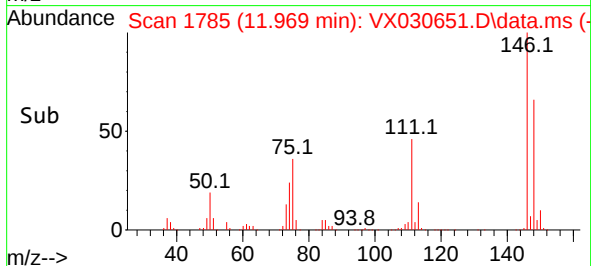
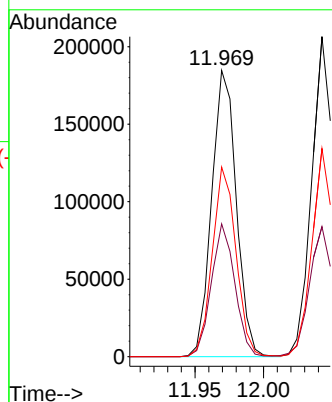
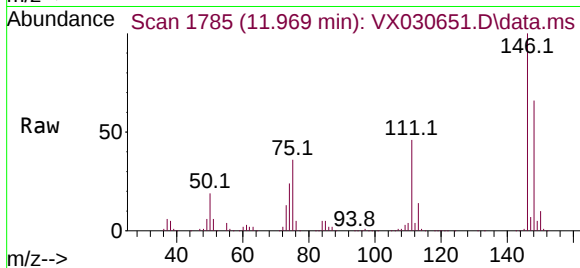
Tgt Ion:146 Resp: 230435

Ion Ratio Lower Upper

146 100

111 46.4 30.9 57.5

148 66.2 42.6 79.0



#65

1,4-Dichlorobenzene

Concen: 53.190 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030651.D

Acq: 16 Aug 2022 13:45

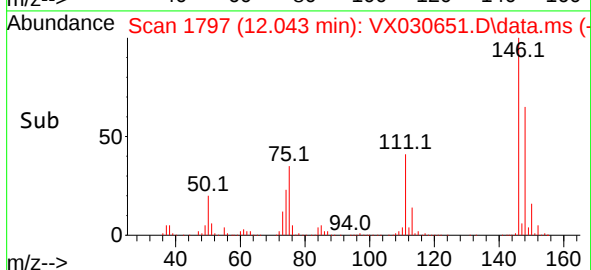
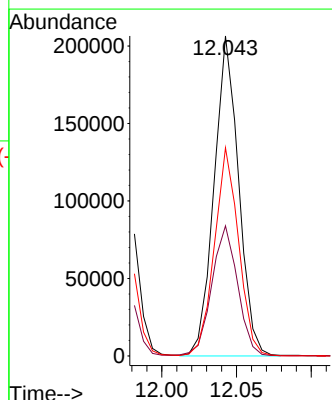
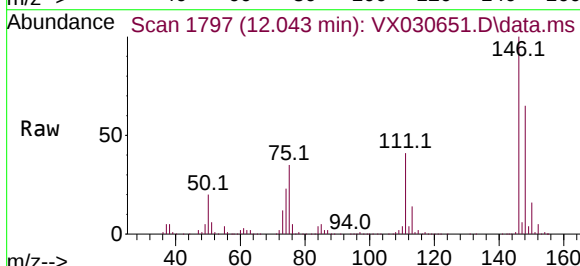
Tgt Ion:146 Resp: 235462

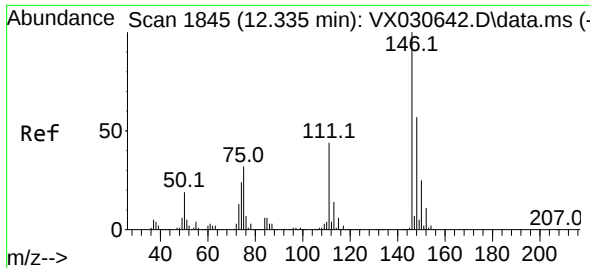
Ion Ratio Lower Upper

146 100

111 40.6 32.6 60.6

148 65.0 48.3 89.7

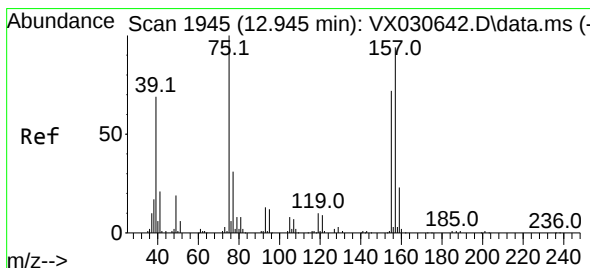
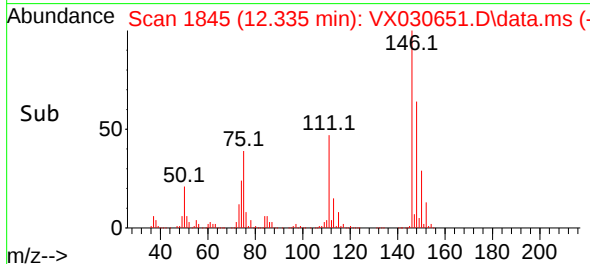
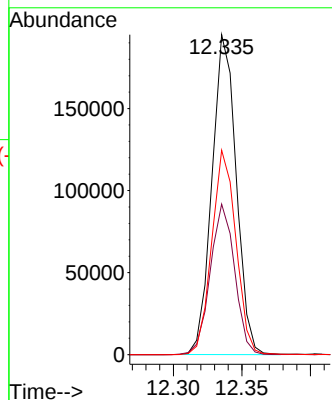
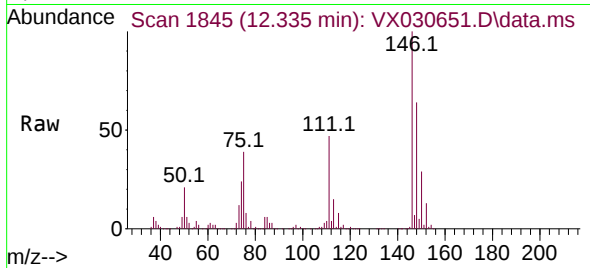




#67
1,2-Dichlorobenzene
Concen: 53.285 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

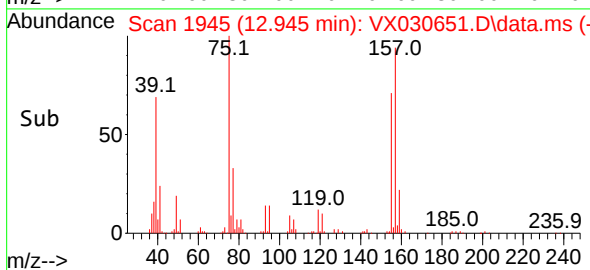
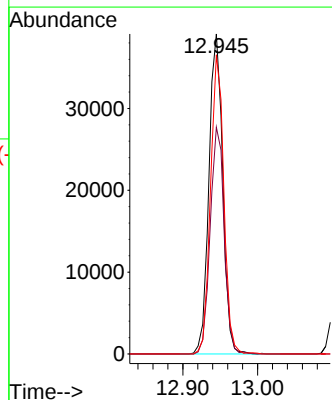
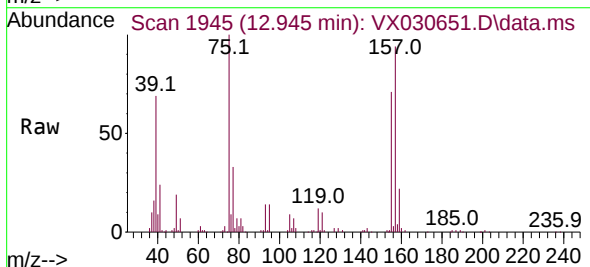
Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

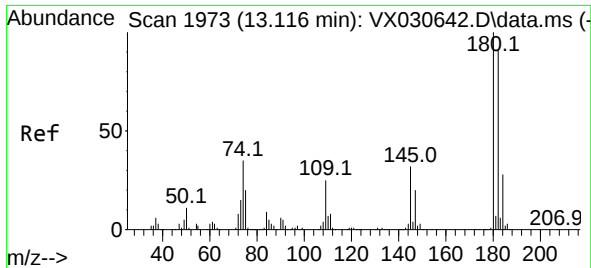
Tgt Ion:146 Resp: 239958
Ion Ratio Lower Upper
146 100
111 47.0 36.9 55.3
148 63.9 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 49.852 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion: 75 Resp: 49910
Ion Ratio Lower Upper
75 100
155 70.9 57.1 85.7
157 93.5 73.1 109.7

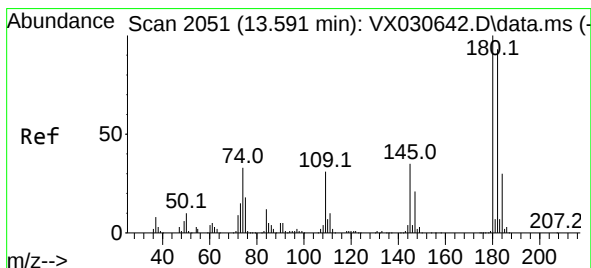
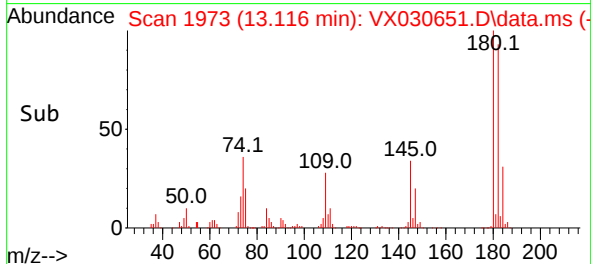
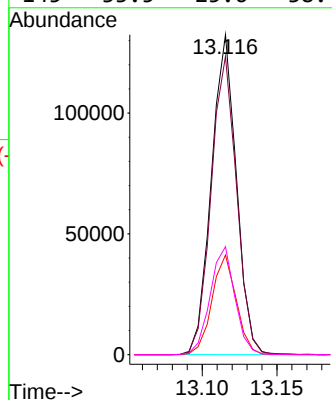
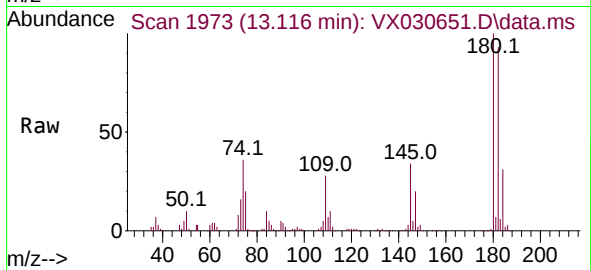




#69
 1,3,5-Trichlorobenzene
 Concen: 50.393 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

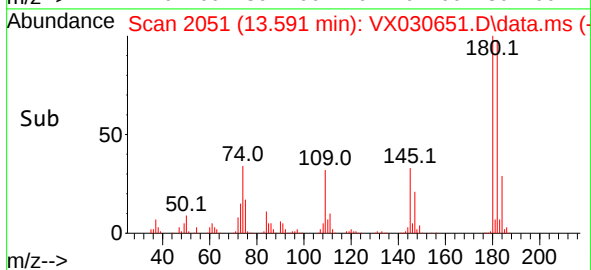
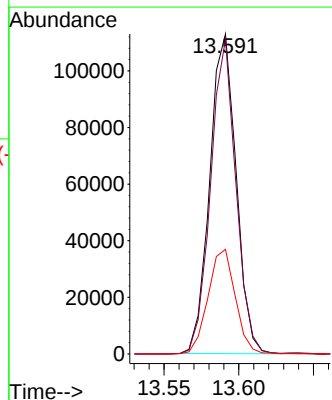
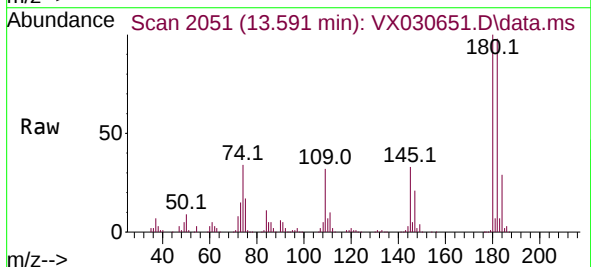
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050786

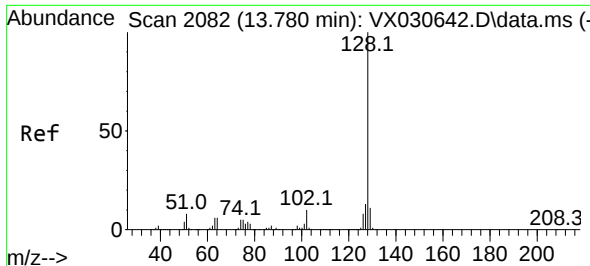
Tgt Ion:180	Resp:	153895
Ion Ratio	Lower	Upper
180	100	
182	94.9	73.7 110.5
184	30.4	24.1 36.1
145	33.5	25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 51.622 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030651.D
 Acq: 16 Aug 2022 13:45

Tgt Ion:180	Resp:	138452
Ion Ratio	Lower	Upper
180	100	
182	94.0	72.7 109.1
145	33.5	26.6 40.0

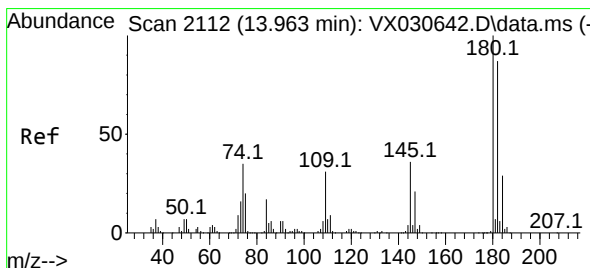
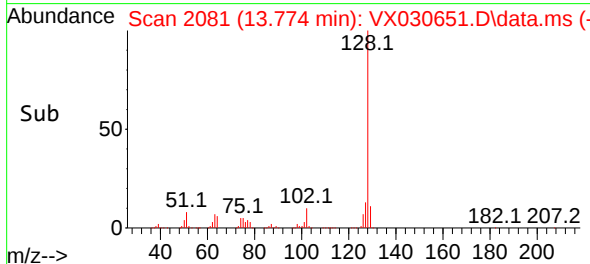
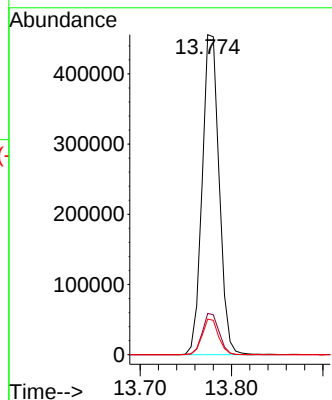
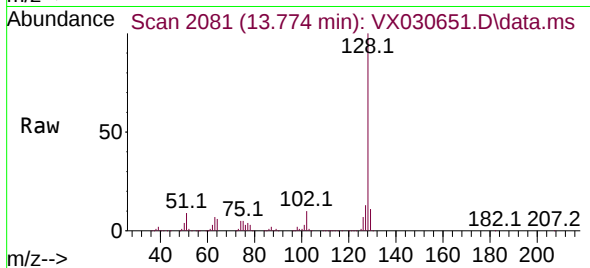




#71
Naphthalene
Concen: 52.922 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
VSTD050786

Tgt Ion:128 Resp: 587534
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 51.309 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030651.D
Acq: 16 Aug 2022 13:45

Tgt Ion:180 Resp: 145359
Ion Ratio Lower Upper
180 100
182 95.5 74.6 112.0
145 35.3 28.4 42.6

