

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030505.D
 Acq On : 08 Aug 2022 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050771

Quant Time: Aug 09 00:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	317862	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	290617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76442	37.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.900%
7) Chloroethane-d5	1.666	69	55584	38.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.260%
11) 1,1-Dichloroethene-d2	2.307	63	166478	43.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
21) 2-Butanone-d5	4.465	46	197084	104.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	5.056	84	189530	45.105	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.958	65	128459	45.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
32) Benzene-d6	5.977	84	335245	40.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.540%
36) 1,2-Dichloropropane-d6	7.312	67	116122	42.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.980%
41) Toluene-d8	8.653	98	303983	38.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.480%#
43) trans-1,3-Dichloroprop...	8.952	79	55604	41.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.760%
47) 2-Hexanone-d5	9.385	63	131648	95.627	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.630%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165014	46.508	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	116742	40.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	121524	50.808	ug/L	98
3) Chloromethane	1.295	50	107401	52.221	ug/L	100
5) Vinyl chloride	1.374	62	111353	50.689	ug/L	97
6) Bromomethane	1.612	94	51848	50.223	ug/L	95
8) Chloroethane	1.685	64	63636	50.855	ug/L	99
9) Trichlorofluoromethane	1.886	101	165070	50.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	103220	53.451	ug/L	98
12) 1,1-Dichloroethene	2.319	96	90141	50.667	ug/L #	79
13) Acetone	2.392	43	135851	98.006	ug/L	98
14) Carbon disulfide	2.508	76	270589	46.926	ug/L	99
15) Methyl Acetate	2.709	43	149322	52.044	ug/L	99
16) Methylene chloride	2.788	84	111552	49.449	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	100008	48.521	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	346022	49.366	ug/L	99
19) 1,1-Dichloroethane	3.611	63	202390	50.769	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	112353	48.457	ug/L	92
22) 2-Butanone	4.562	43	228125	104.325	ug/L	100
23) Bromochloromethane	4.904	128	56416	48.520	ug/L	95
25) Chloroform	5.099	83	210095	50.160	ug/L	99

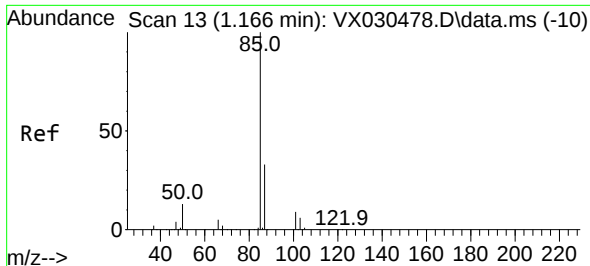
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
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 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	179481	51.484	ug/L	95
29) Cyclohexane	5.471	56	189341	49.007	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	180354	47.048	ug/L	98
31) Carbon tetrachloride	5.678	117	152547	48.215	ug/L	100
33) Benzene	6.038	78	445483	47.810	ug/L	100
34) Trichloroethene	7.129	95	122711	45.471	ug/L	85
35) Methylcyclohexane	7.379	83	187198	47.649	ug/L	98
37) 1,2-Dichloropropane	7.434	63	116363	46.969	ug/L	99
38) Bromodichloromethane	7.824	83	156874	47.844	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	175091	47.377	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	438061	101.536	ug/L	98
42) Toluene	8.720	91	468883	47.635	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	179563	49.641	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	109613	47.582	ug/L	97
46) Tetrachloroethene	9.275	164	78972	46.303	ug/L	99
48) 2-Hexanone	9.433	43	353881	105.569	ug/L	99
49) Dibromochloromethane	9.525	129	117312	47.866	ug/L	94
50) 1,2-Dibromoethane	9.610	107	120157	47.430	ug/L	99
51) Chlorobenzene	10.080	112	290566	47.382	ug/L	98
52) Ethylbenzene	10.195	91	519945	48.445	ug/L	99
53) m,p-Xylene	10.305	106	195082	48.766	ug/L	98
54) o-Xylene	10.647	106	190296	47.738	ug/L	99
55) Styrene	10.659	104	332583	49.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	170092	48.525	ug/L	100
59) Bromoform	10.799	173	74796	45.849	ug/L	100
60) Isopropylbenzene	10.964	105	510599	48.085	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	153009	47.560	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	448970	49.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	443208	48.410	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	219816	47.620	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	220570	47.005	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	216438	45.341	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	48855	46.035	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	144063	44.503	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	133882	47.092	ug/L	95
71) Naphthalene	13.780	128	534575	45.425	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	135793	45.218	ug/L	99

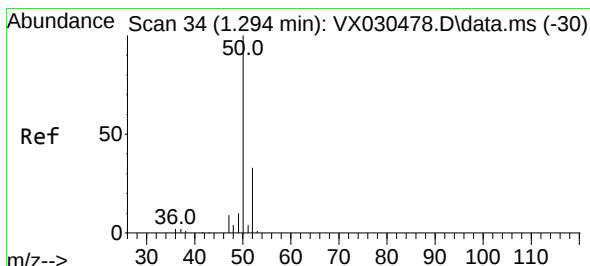
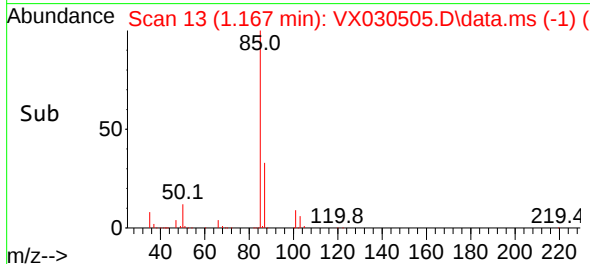
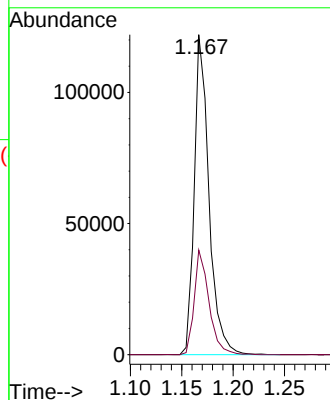
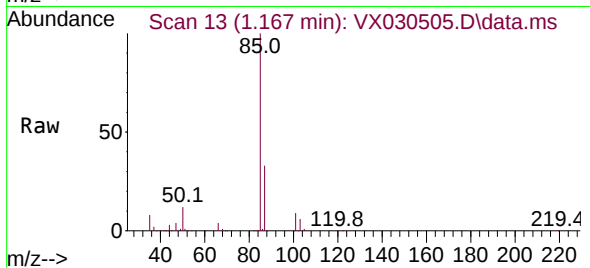
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#2
 Dichlorodifluoromethane
 Concen: 50.808 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

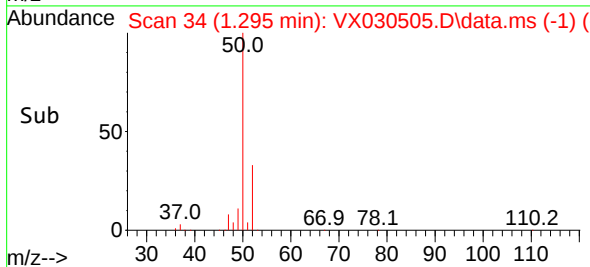
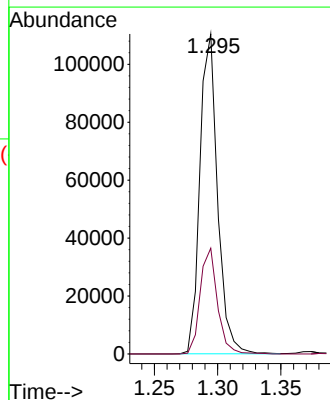
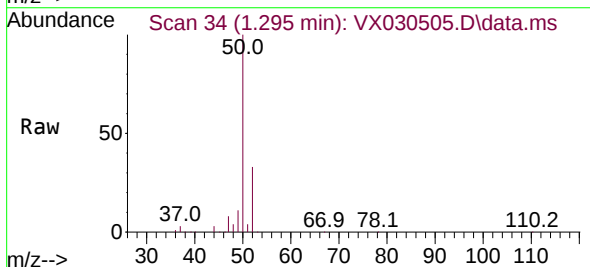
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050771

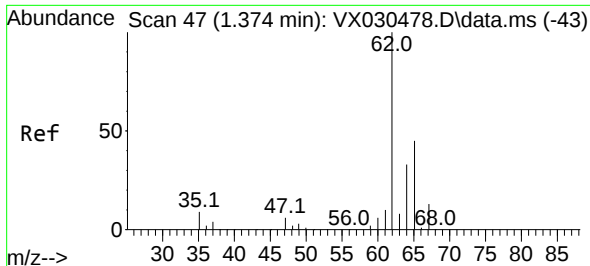
Tgt Ion: 85 Resp: 121524
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.6 38.4



#3
 Chloromethane
 Concen: 52.221 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

Tgt Ion: 50 Resp: 107401
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

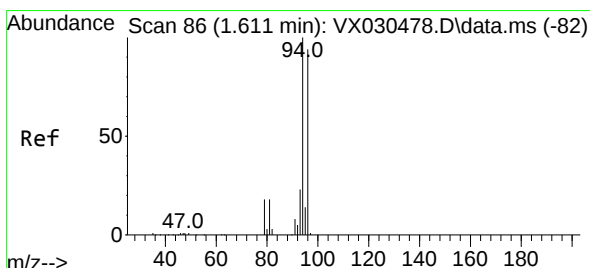
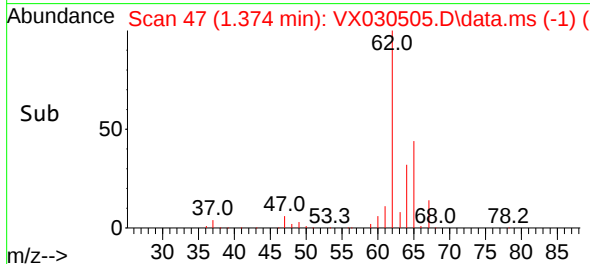
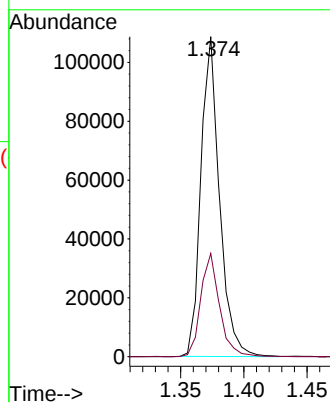
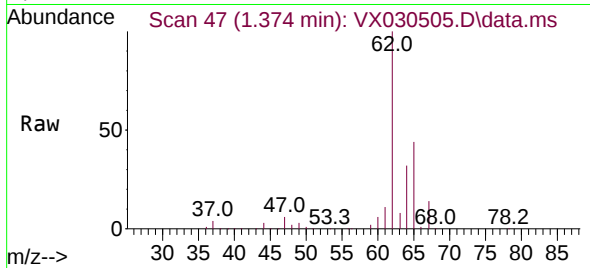




#5
 Vinyl chloride
 Concen: 50.689 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

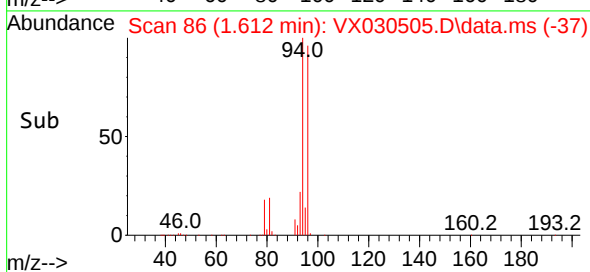
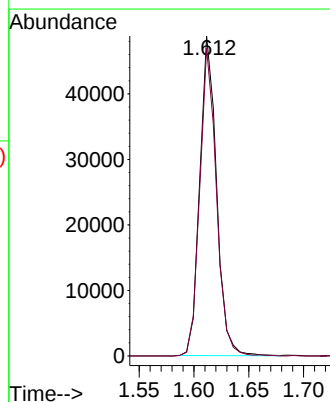
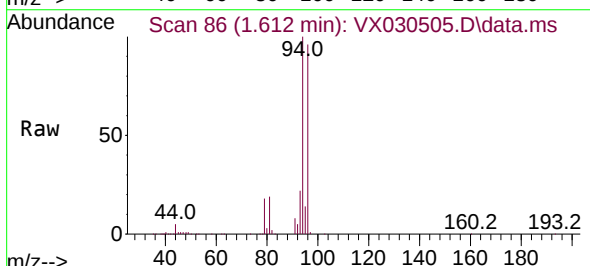
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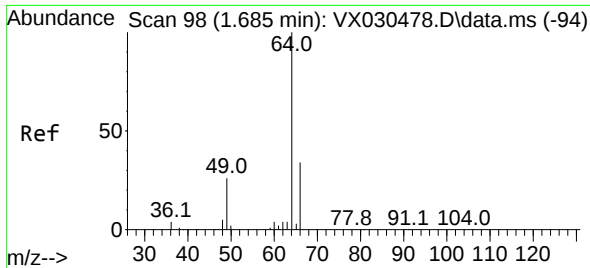
Tgt Ion: 62 Resp: 111353
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.8 44.2



#6
 Bromomethane
 Concen: 50.223 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

Tgt Ion: 94 Resp: 51848
 Ion Ratio Lower Upper
 94 100
 96 96.2 63.8 118.6

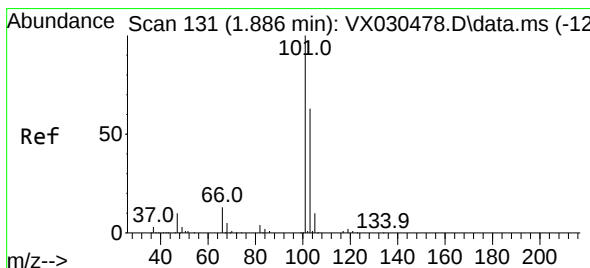
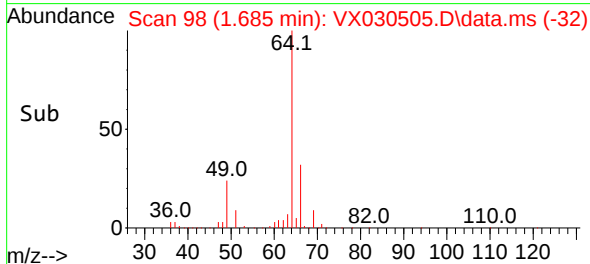
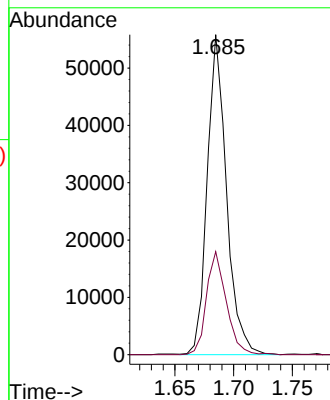
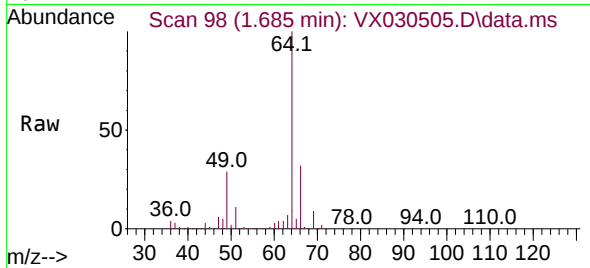




#8
 Chloroethane
 Concen: 50.855 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

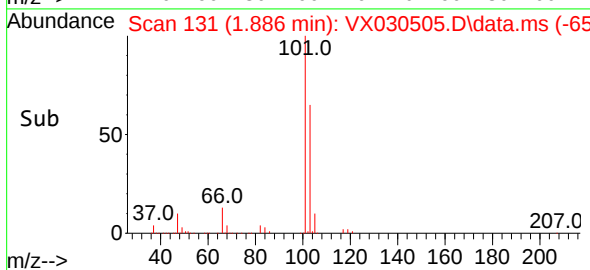
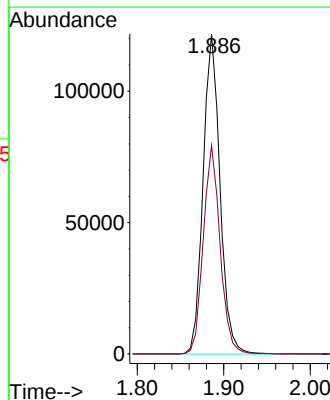
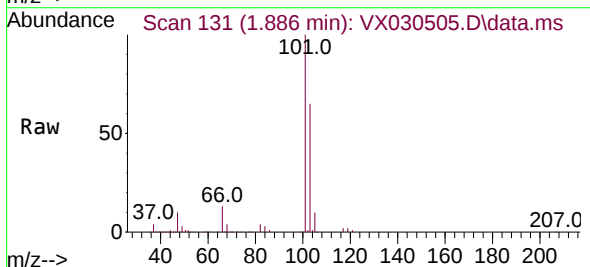
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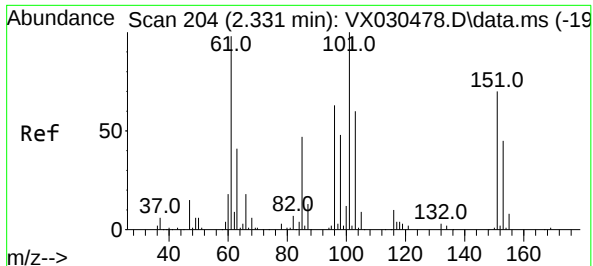
Tgt Ion: 64 Resp: 63636
 Ion Ratio Lower Upper
 64 100
 66 32.2 22.1 41.1



#9
 Trichlorofluoromethane
 Concen: 50.842 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

Tgt Ion: 101 Resp: 165070
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.5 77.3

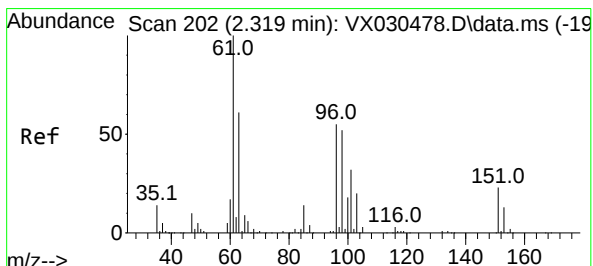
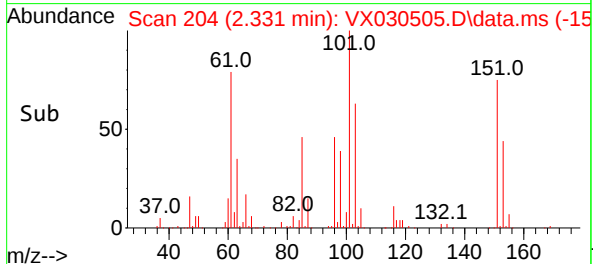
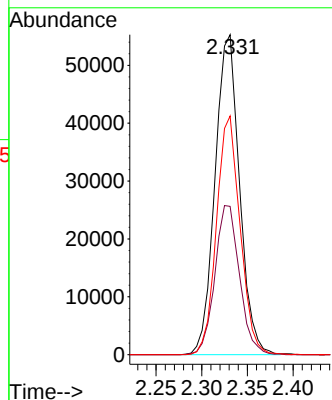
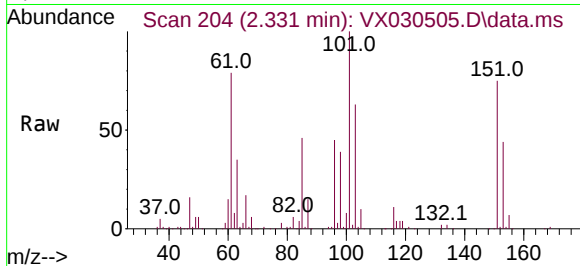




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.451 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

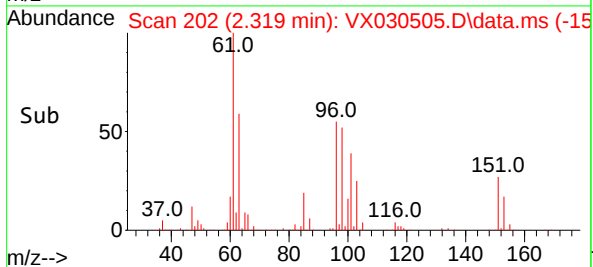
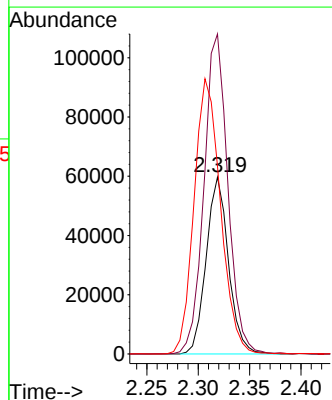
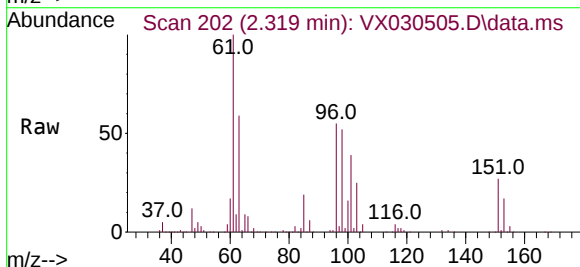
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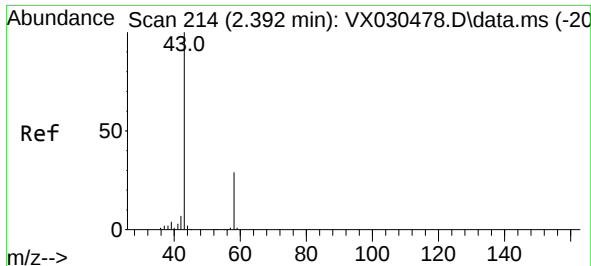
Tgt Ion:101 Resp: 103220
 Ion Ratio Lower Upper
 101 100
 85 46.8 35.3 52.9
 151 71.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 50.667 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030505.D
 Acq: 08 Aug 2022 09:44

Tgt Ion: 96 Resp: 90141
 Ion Ratio Lower Upper
 96 100
 61 181.0 130.2 241.8
 63 106.3 113.5 210.9#





#13

Acetone

Concen: 98.006 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

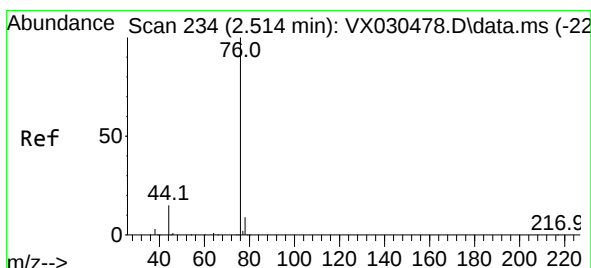
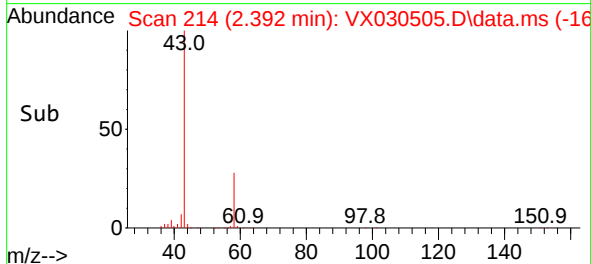
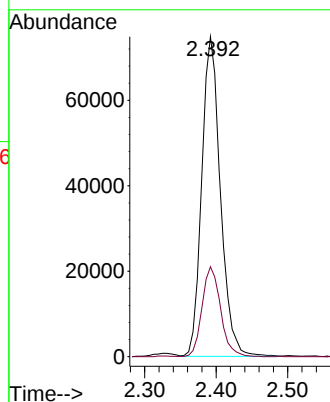
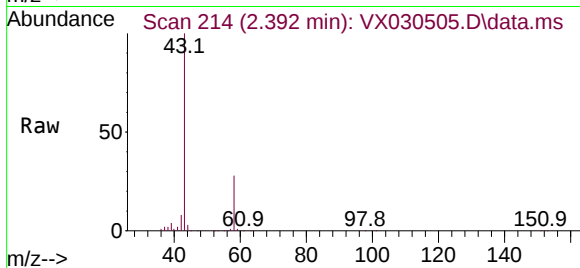
VSTD050771

Tgt Ion: 43 Resp: 135851

Ion Ratio Lower Upper

43 100

58 27.9 0.0 57.8



#14

Carbon disulfide

Concen: 46.926 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX030505.D

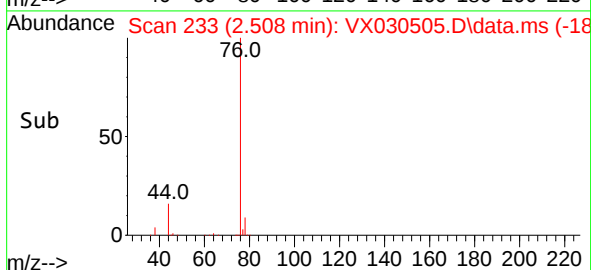
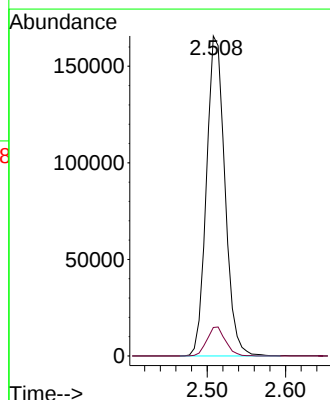
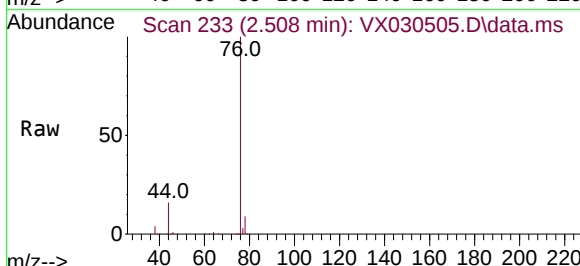
Acq: 08 Aug 2022 09:44

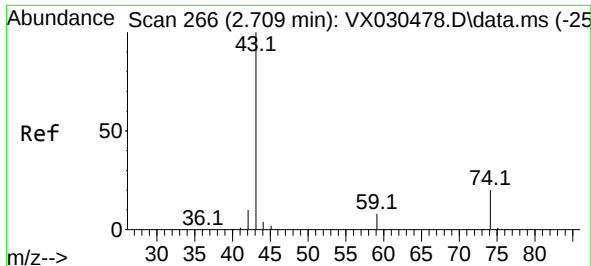
Tgt Ion: 76 Resp: 270589

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

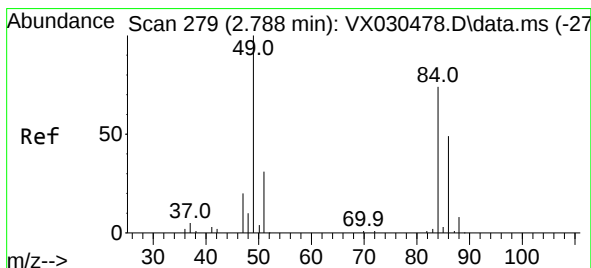
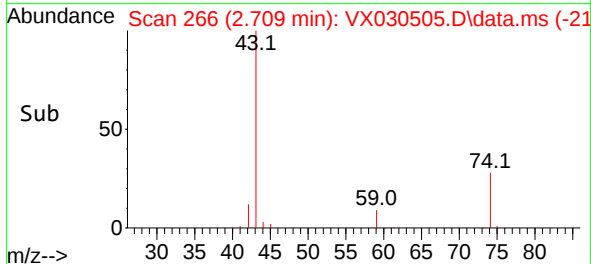
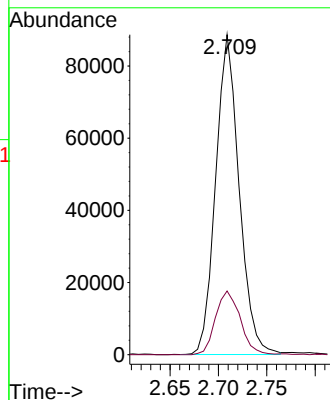
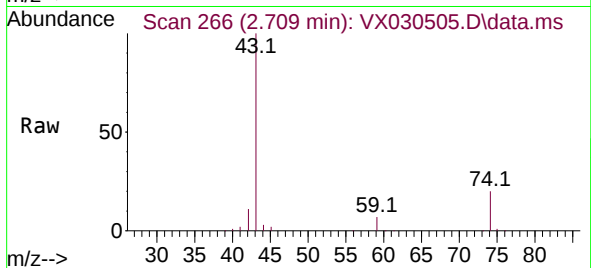




#15
Methyl Acetate
Concen: 52.044 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

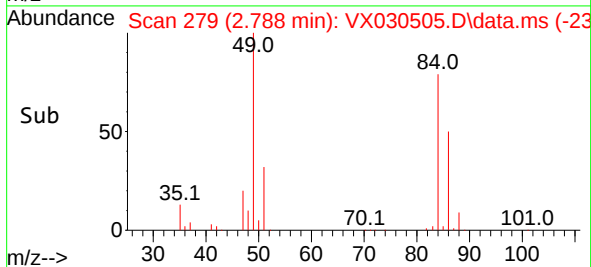
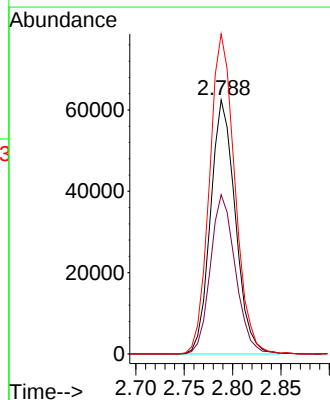
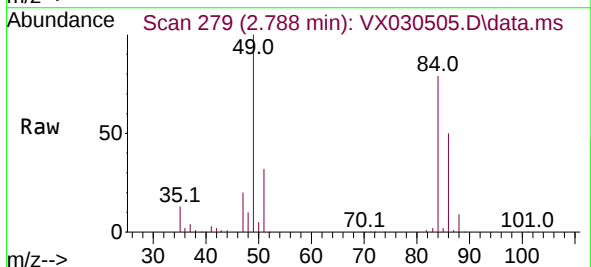
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

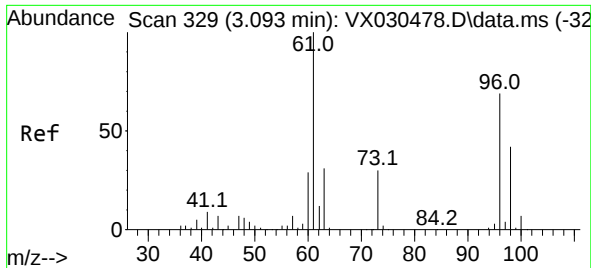
Tgt Ion: 43 Resp: 149322
Ion Ratio Lower Upper
43 100
74 21.0 17.2 25.8



#16
Methylene chloride
Concen: 49.449 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 84 Resp: 111552
Ion Ratio Lower Upper
84 100
86 62.7 44.2 82.2
49 126.0 89.0 165.2

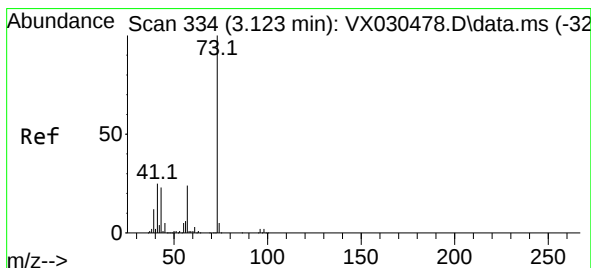
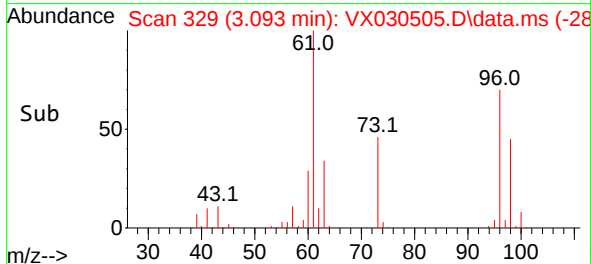
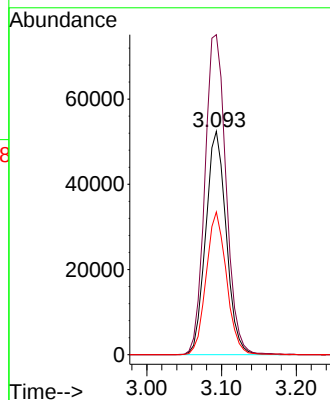
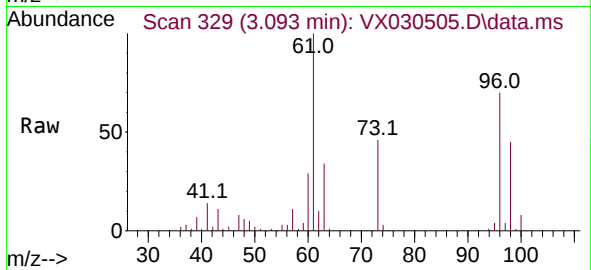




#17
trans-1,2-Dichloroethene
Concen: 48.521 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

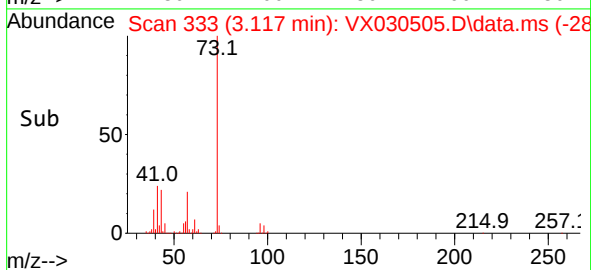
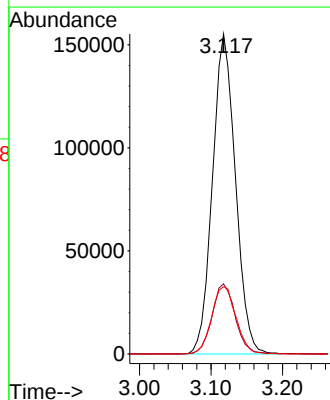
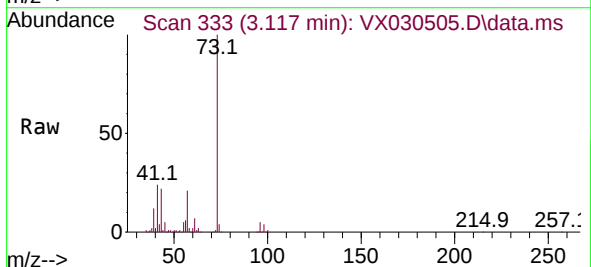
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

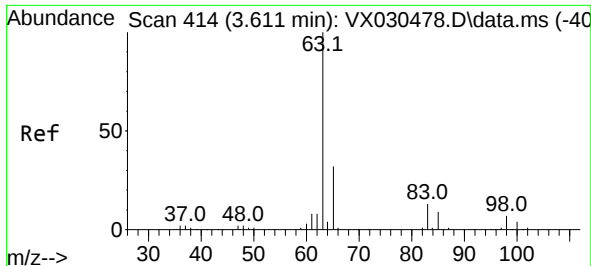
Tgt Ion: 96 Resp: 100008
Ion Ratio Lower Upper
96 100
61 143.3 103.7 192.5
98 63.9 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 49.366 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 73 Resp: 346022
Ion Ratio Lower Upper
73 100
43 22.3 17.6 26.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.769 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD050771

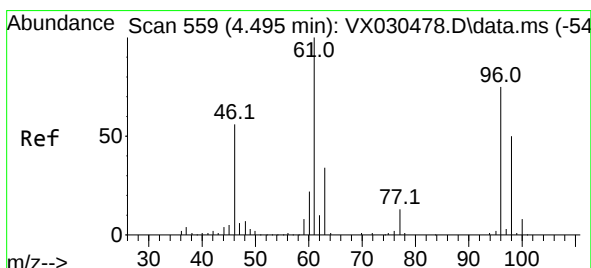
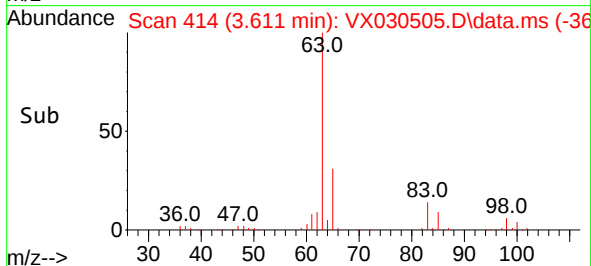
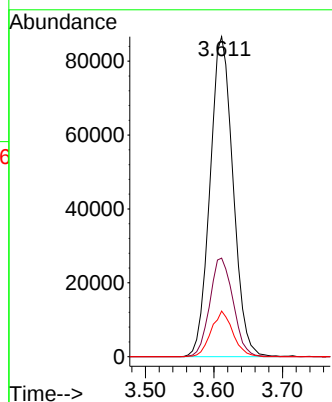
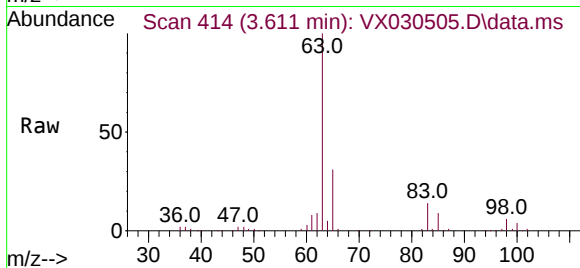
Tgt Ion: 63 Resp: 202390

Ion Ratio Lower Upper

63 100

65 30.8 22.0 40.8

83 14.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 48.457 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

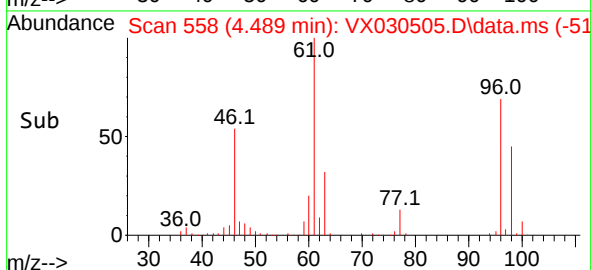
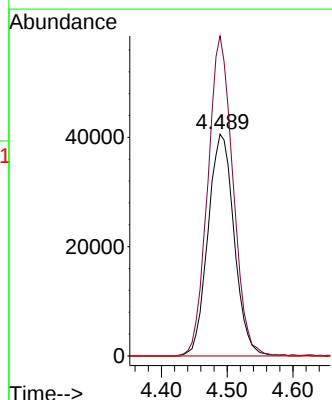
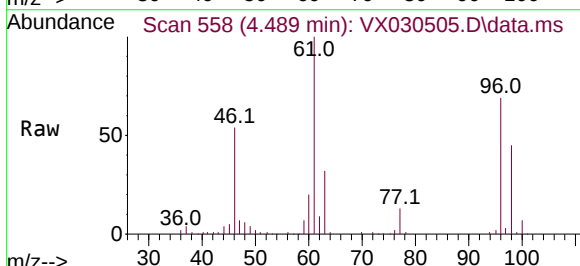
Tgt Ion: 96 Resp: 112353

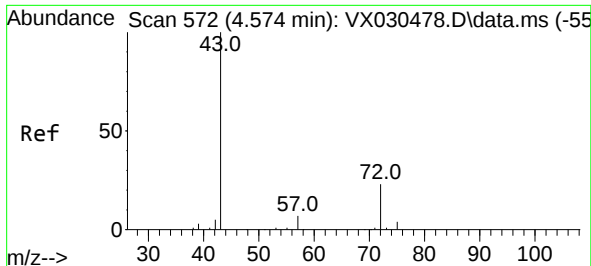
Ion Ratio Lower Upper

96 100

61 144.3 94.0 174.6

68 0.0 0.0 0.0

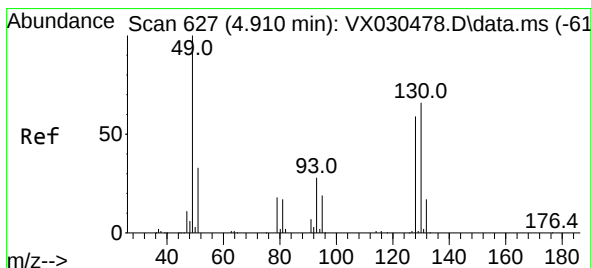
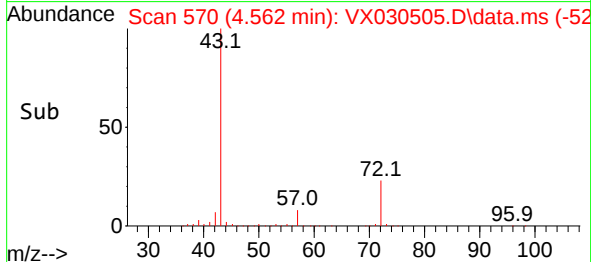
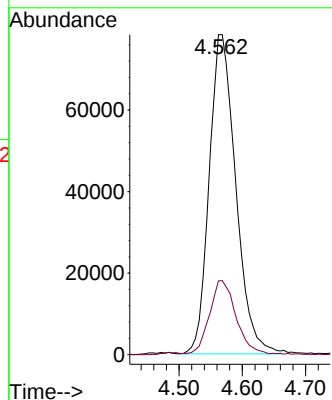
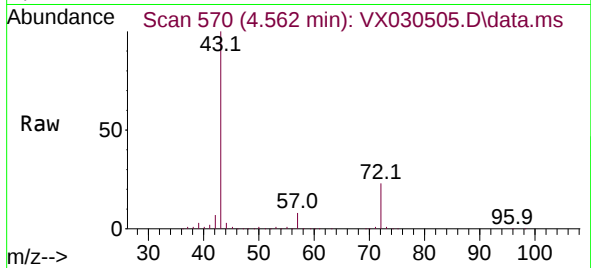




#22
2-Butanone
Concen: 104.325 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

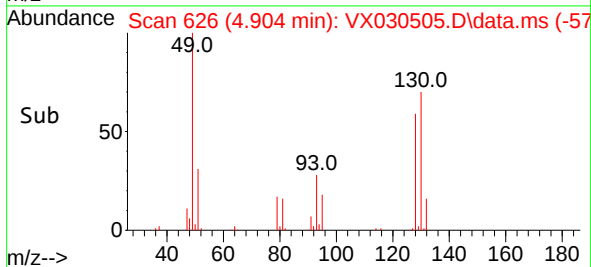
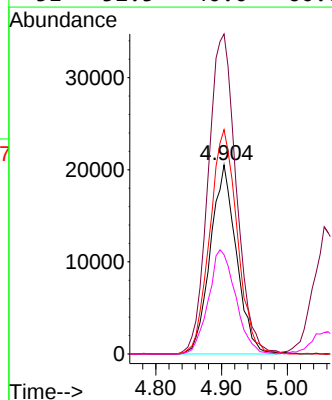
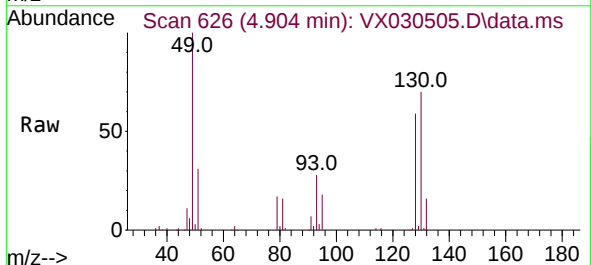
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

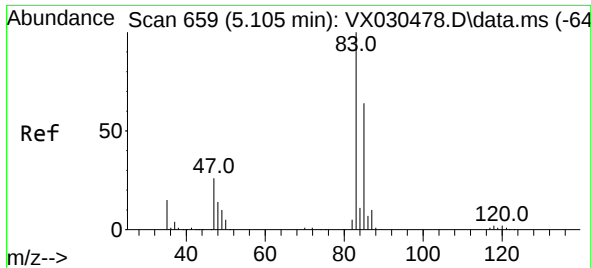
Tgt Ion: 43 Resp: 228125
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.1



#23
Bromochloromethane
Concen: 48.520 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 128 Resp: 56416
Ion Ratio Lower Upper
128 100
49 169.4 116.8 216.8
130 118.8 90.3 167.7
51 52.5 40.0 60.0

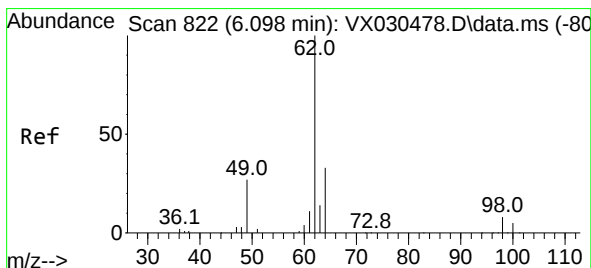
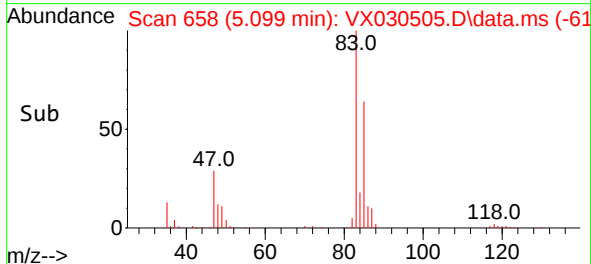
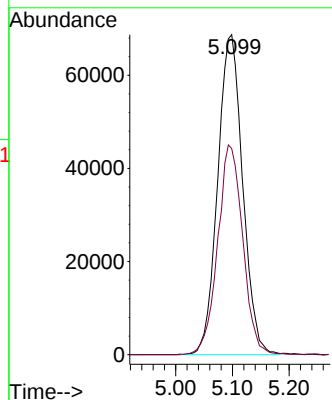
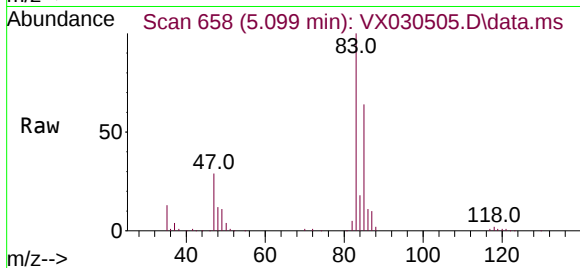




#25
Chloroform
Concen: 50.160 ug/L
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

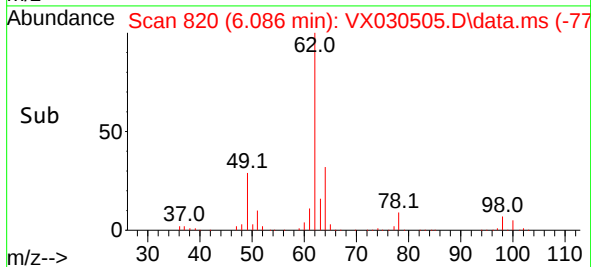
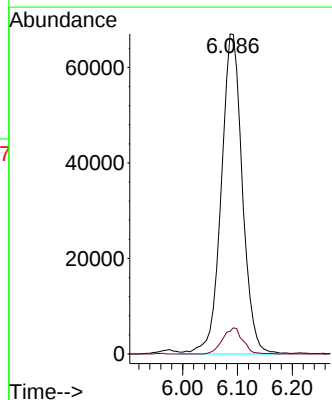
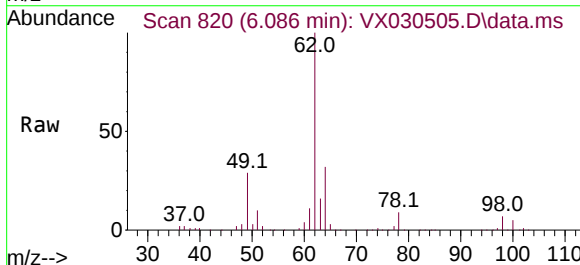
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

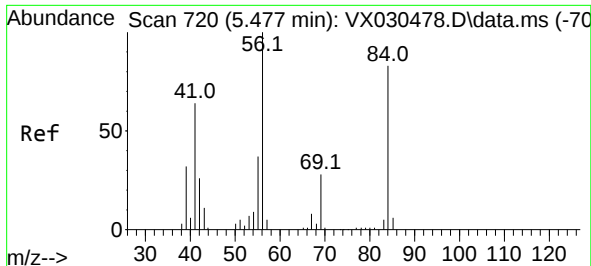
Tgt Ion: 83 Resp: 210095
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6



#27
1,2-Dichloroethane
Concen: 51.484 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 62 Resp: 179481
Ion Ratio Lower Upper
62 100
98 7.1 7.0 10.6

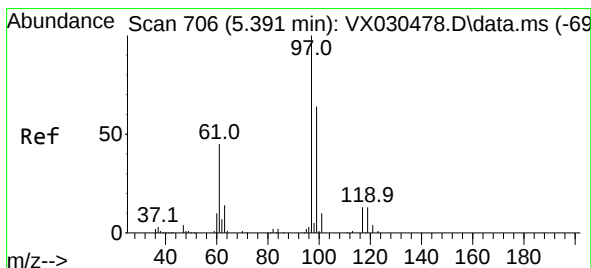
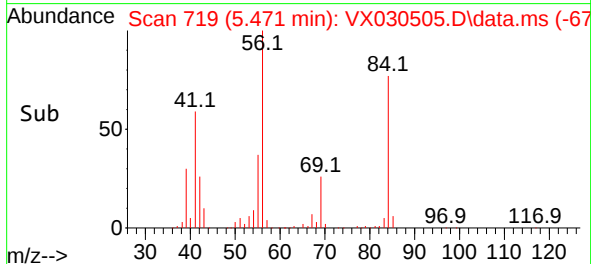
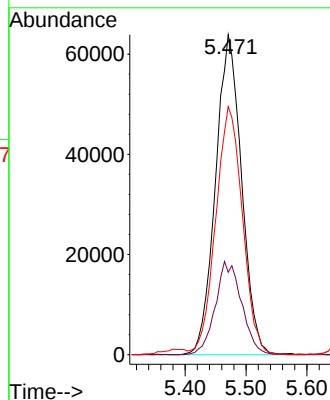
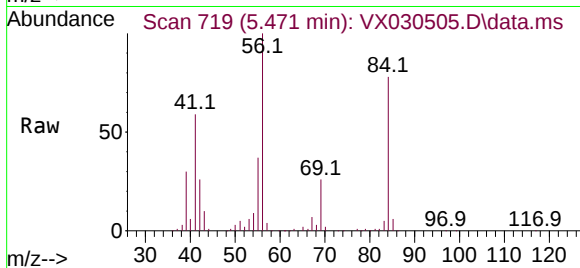




#29
Cyclohexane
Concen: 49.007 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

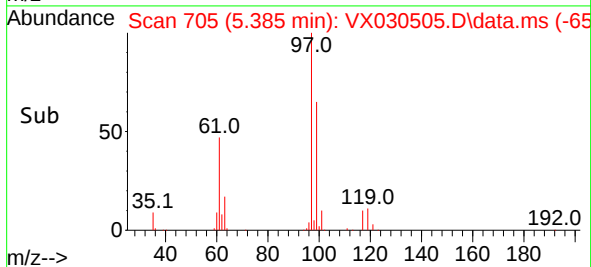
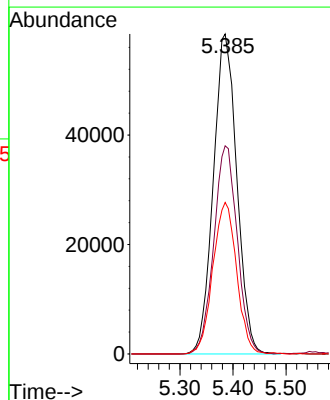
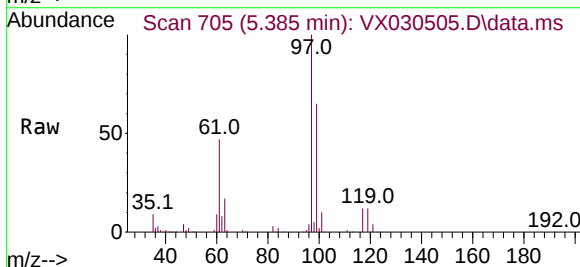
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

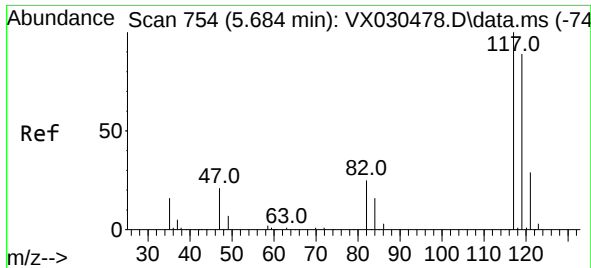
Tgt Ion: 56 Resp: 189341
Ion Ratio Lower Upper
56 100
69 29.4 24.3 36.5
84 79.7 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 47.048 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 97 Resp: 180354
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 47.8 37.0 55.6

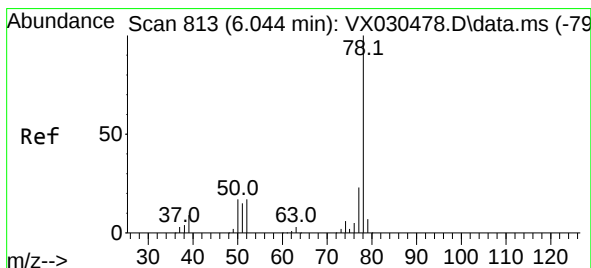
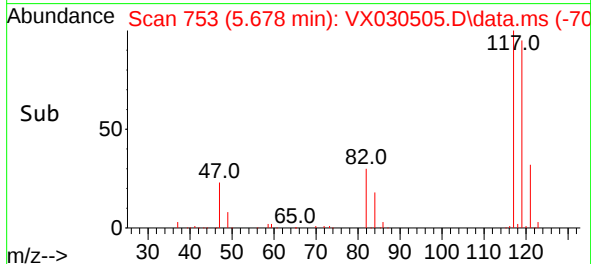
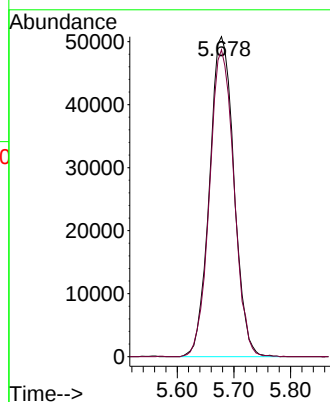
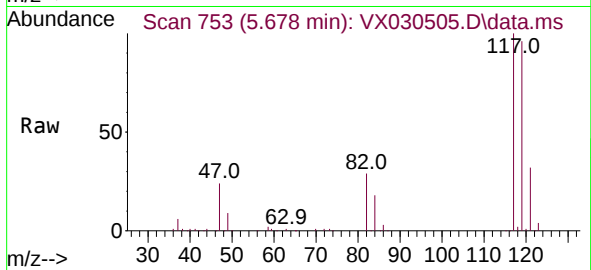




#31
Carbon tetrachloride
Concen: 48.215 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

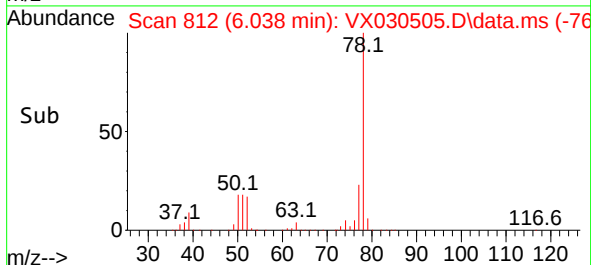
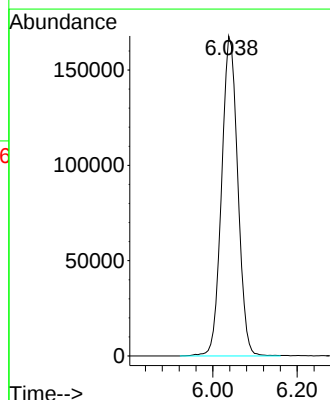
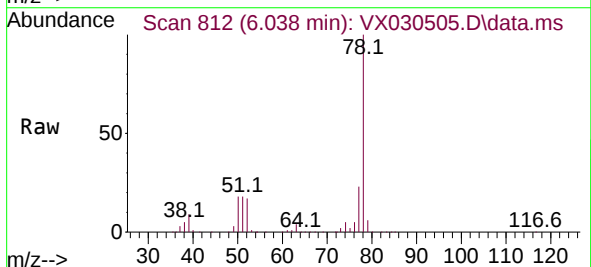
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

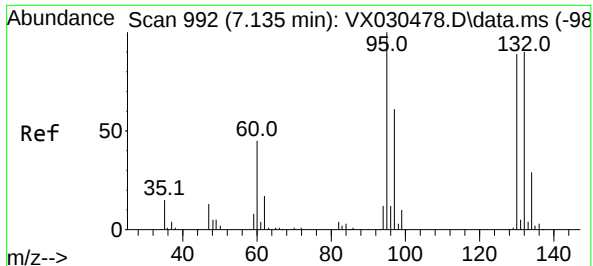
Tgt Ion:117 Resp: 152547
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2



#33
Benzene
Concen: 47.810 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 78 Resp: 445483

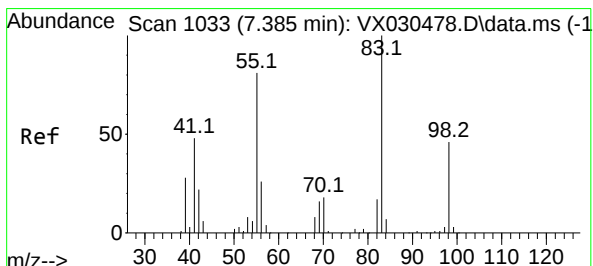
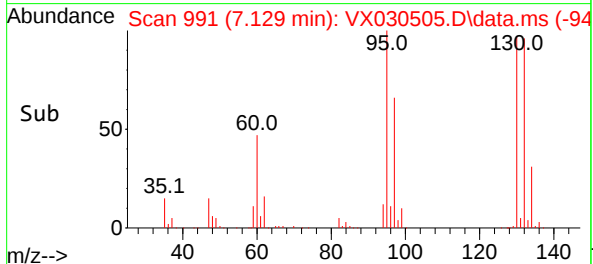
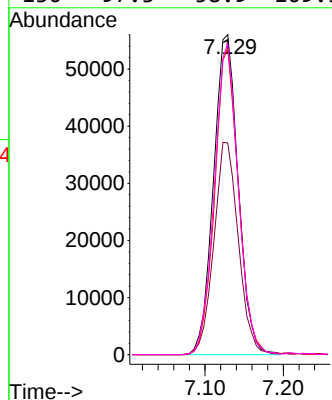
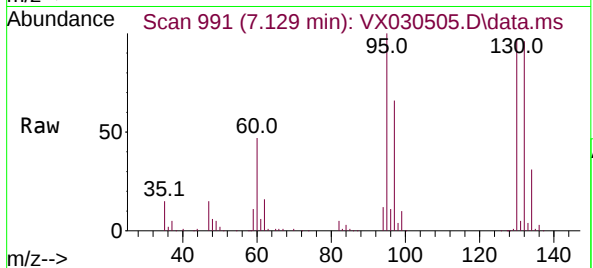




#34
Trichloroethene
Concen: 45.471 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

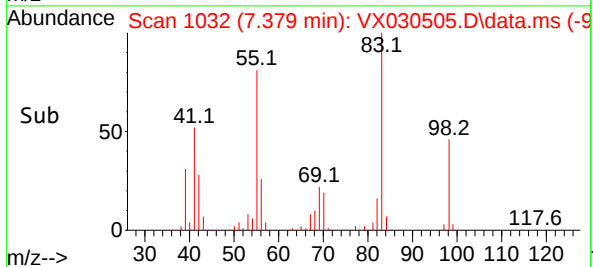
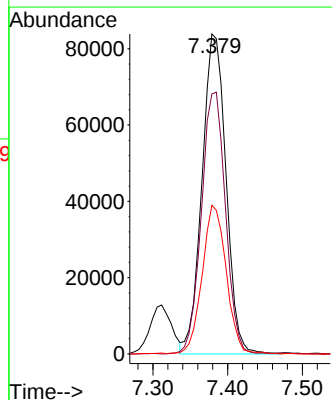
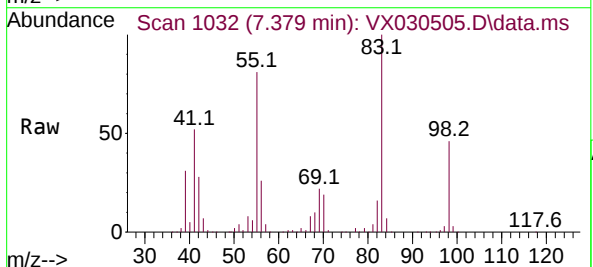
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

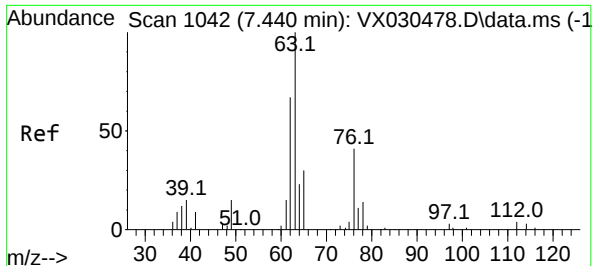
Tgt Ion: 95 Resp: 122711
Ion Ratio Lower Upper
95 100
97 66.1 40.2 74.6
132 95.6 55.3 102.7
130 97.3 58.9 109.5



#35
Methylcyclohexane
Concen: 47.649 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 83 Resp: 187198
Ion Ratio Lower Upper
83 100
55 82.0 64.0 96.0
98 46.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 46.969 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

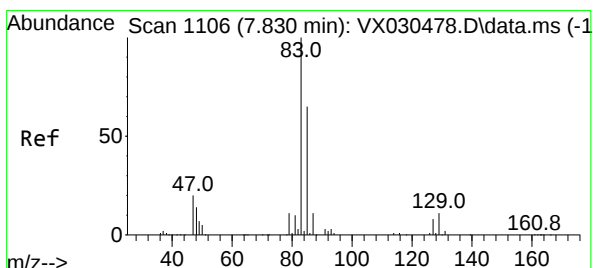
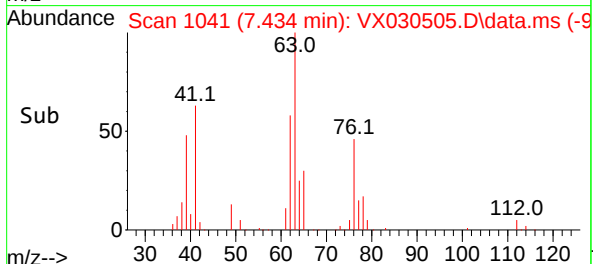
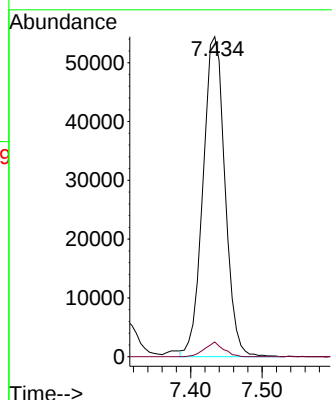
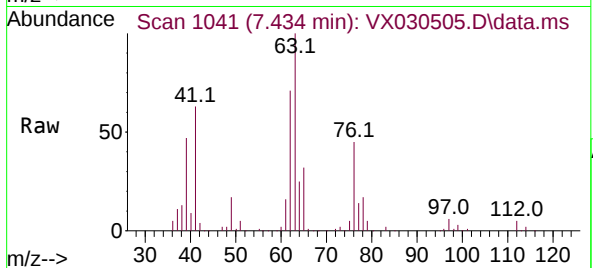
VSTD050771

Tgt Ion: 63 Resp: 116363

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 47.844 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

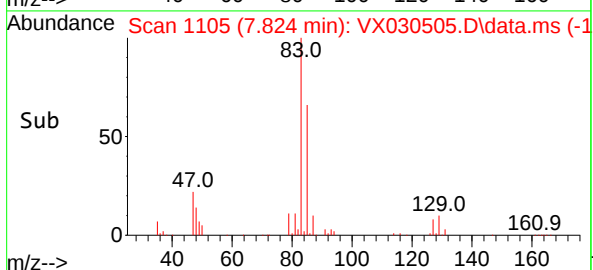
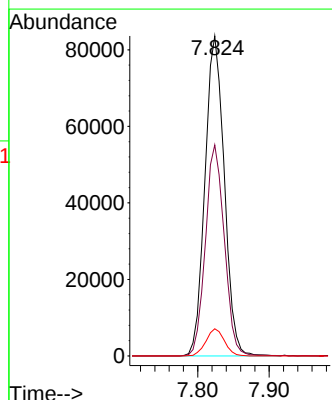
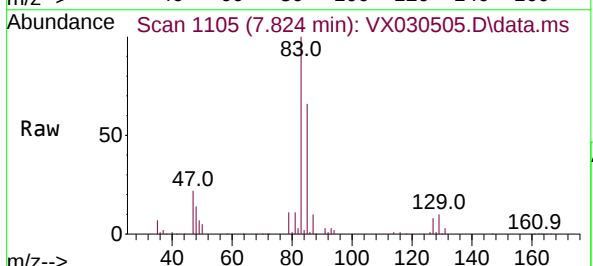
Tgt Ion: 83 Resp: 156874

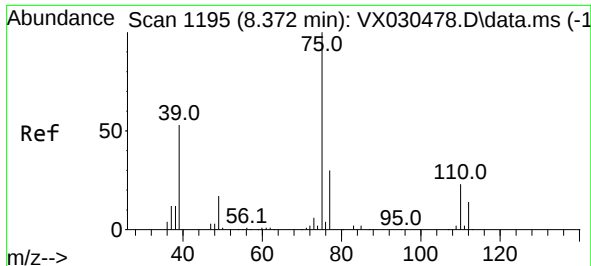
Ion Ratio Lower Upper

83 100

85 66.0 42.5 78.9

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 47.377 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

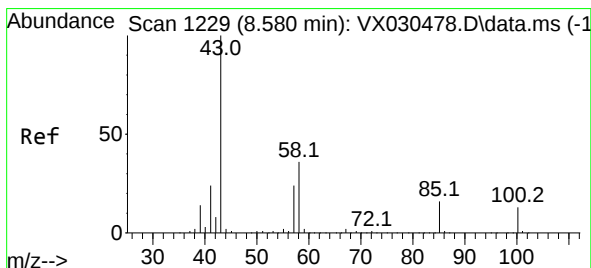
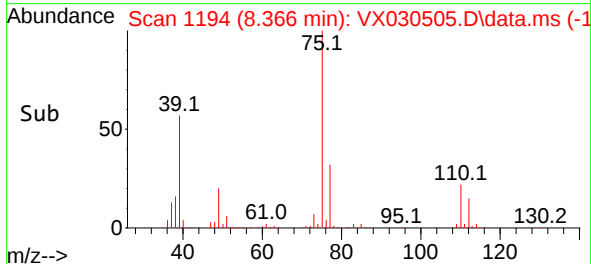
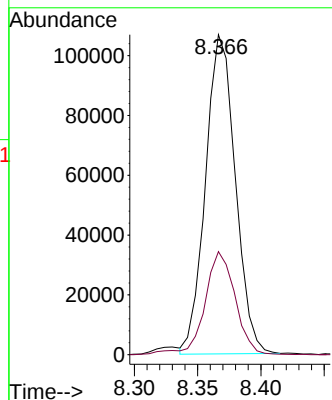
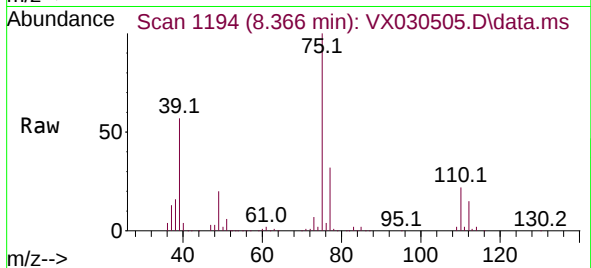
VSTD050771

Tgt Ion: 75 Resp: 175091

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 101.536 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

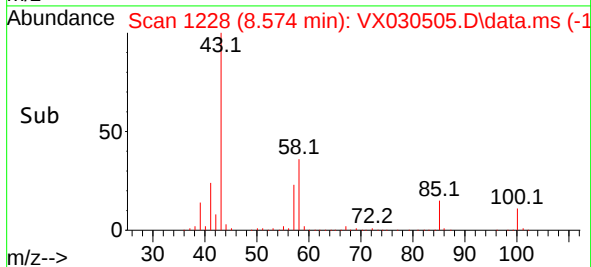
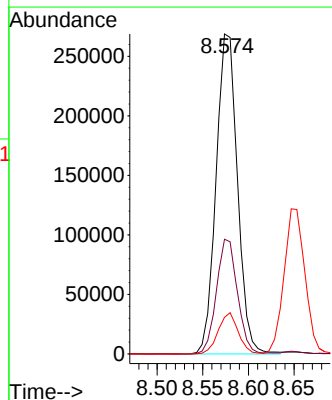
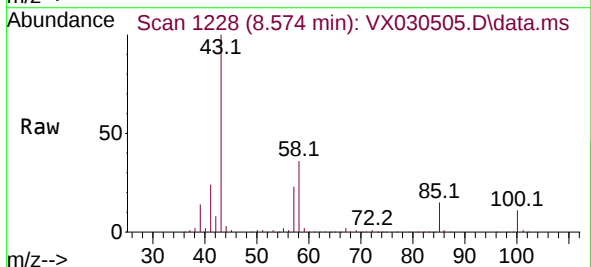
Tgt Ion: 43 Resp: 438061

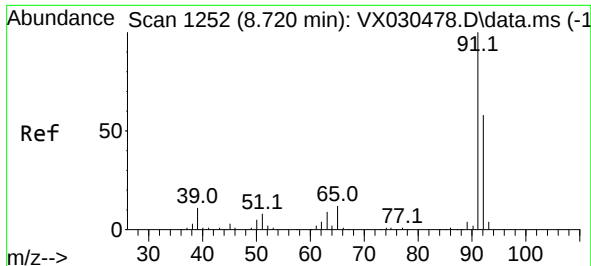
Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.6

100 12.1 10.5 15.7





#42

Toluene

Concen: 47.635 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

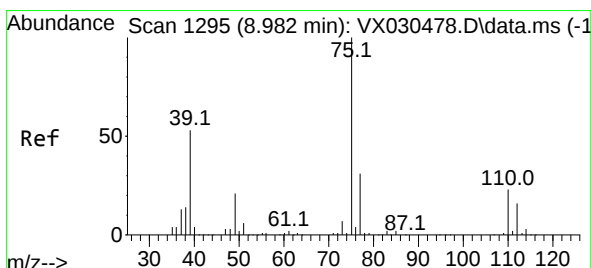
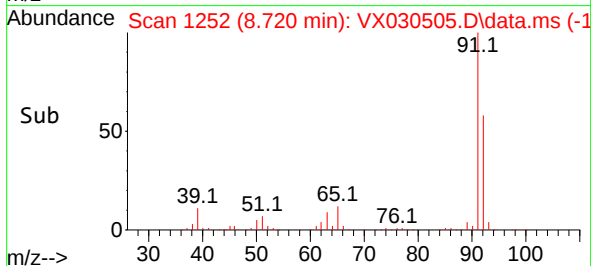
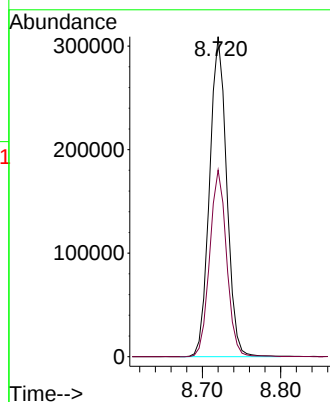
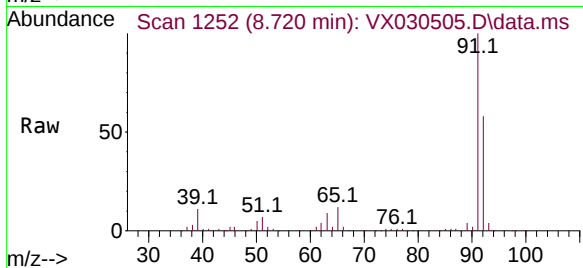
VSTD050771

Tgt Ion: 91 Resp: 468883

Ion Ratio Lower Upper

91 100

92 58.3 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 49.641 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030505.D

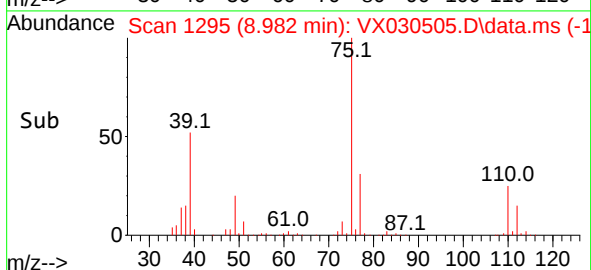
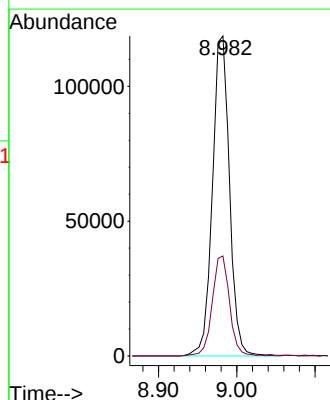
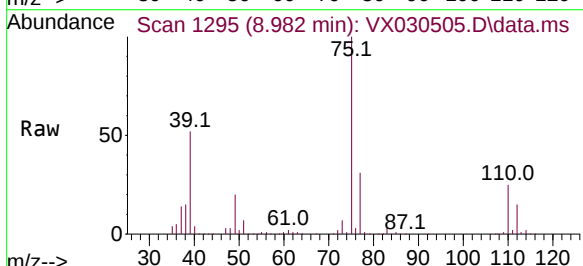
Acq: 08 Aug 2022 09:44

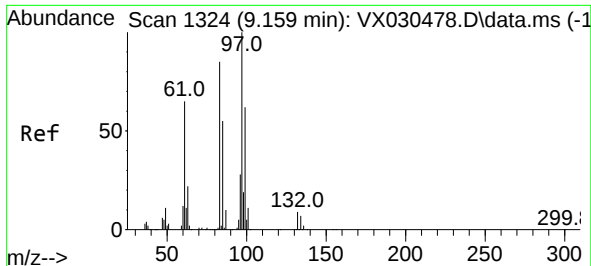
Tgt Ion: 75 Resp: 179563

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7

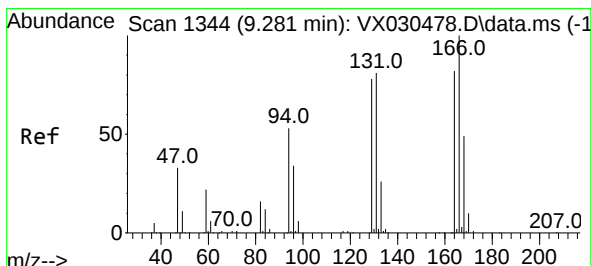
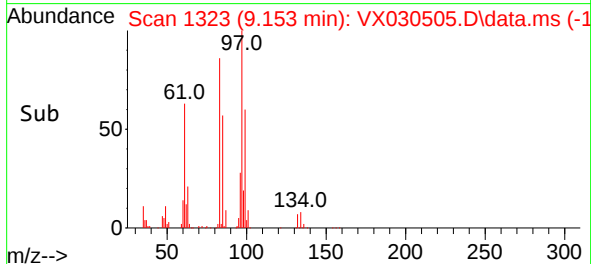
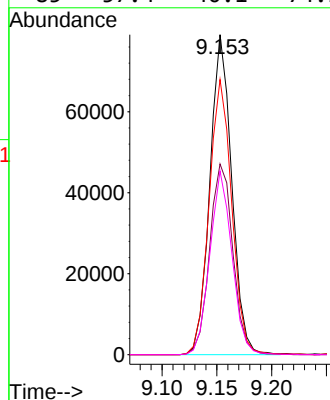
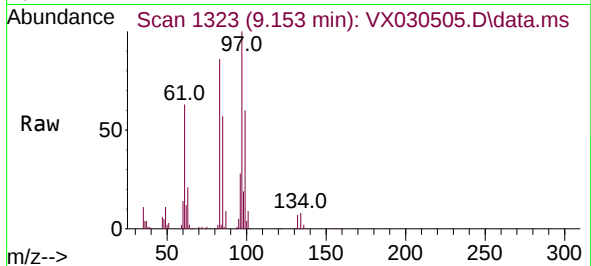




#45
1,1,2-Trichloroethane
Concen: 47.582 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

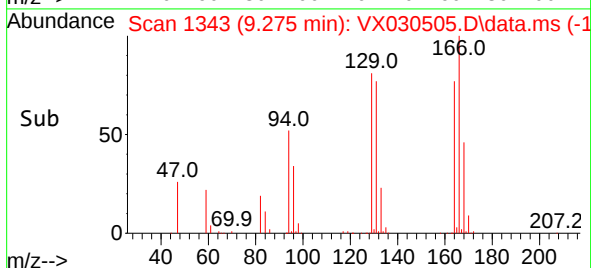
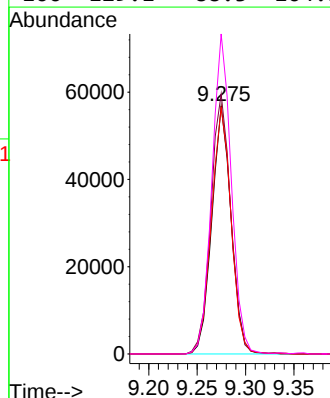
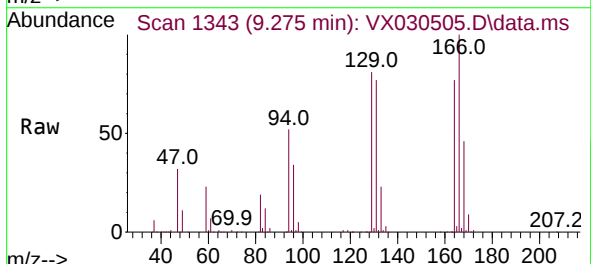
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

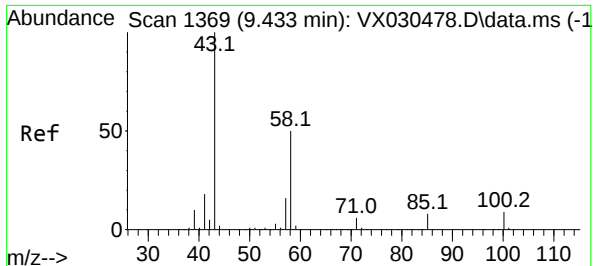
Tgt Ion: 97	Resp: 109613
Ion Ratio	Lower Upper
97 100	
99 59.6	43.3 80.3
83 86.0	63.0 117.0
85 57.4	40.1 74.5



#46
Tetrachloroethene
Concen: 46.303 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt	Ion:164	Resp:	78972
Ion	Ratio	Lower	Upper
164	100		
129	104.9	72.7	135.1
131	99.4	69.9	129.9
166	129.1	88.3	164.1



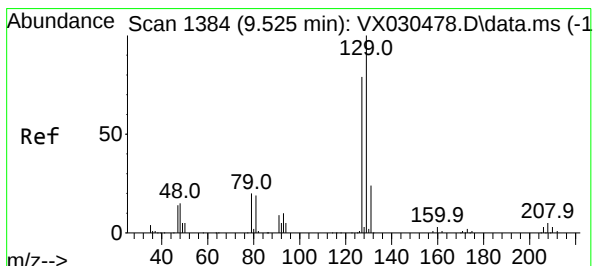
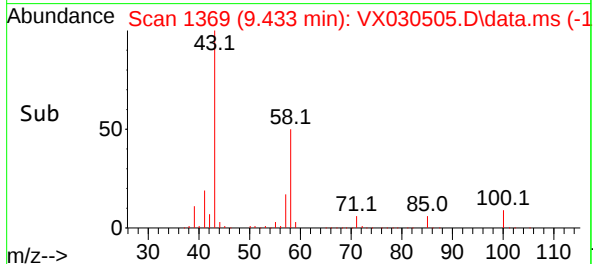
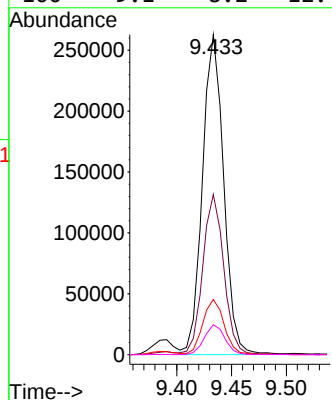
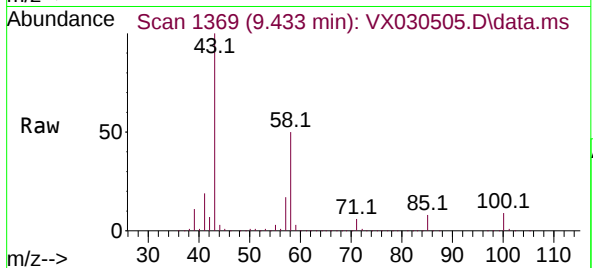


#48
2-Hexanone
Concen: 105.569 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

Tgt Ion: 43 Resp: 353881

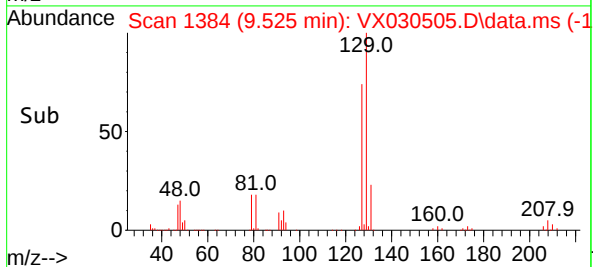
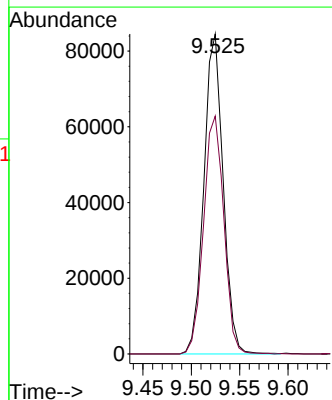
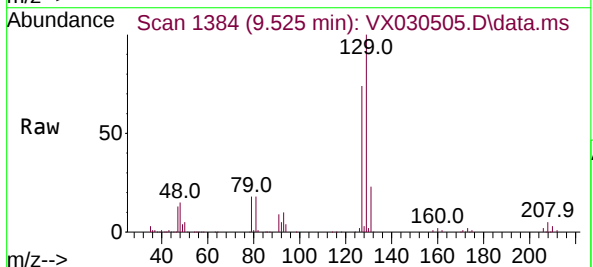
Ion	Ratio	Lower	Upper
43	100		
58	49.8	40.4	60.6
57	17.5	14.6	22.0
100	9.1	8.2	12.4

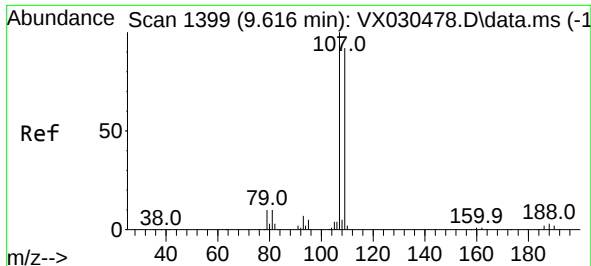


#49
Dibromochloromethane
Concen: 47.866 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 129 Resp: 117312

Ion	Ratio	Lower	Upper
129	100		
127	74.3	55.6	103.2

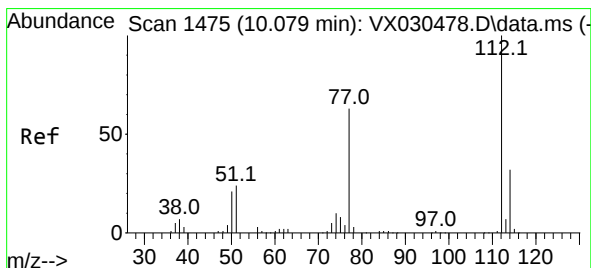
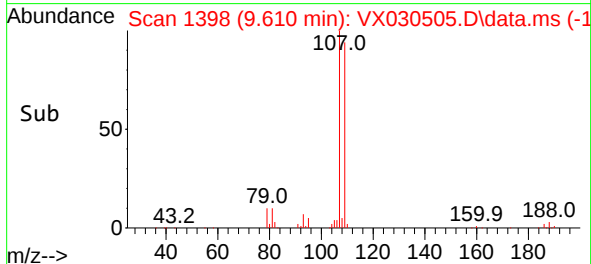
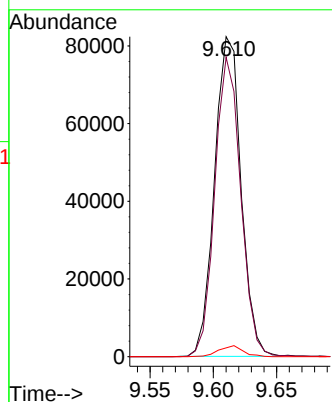
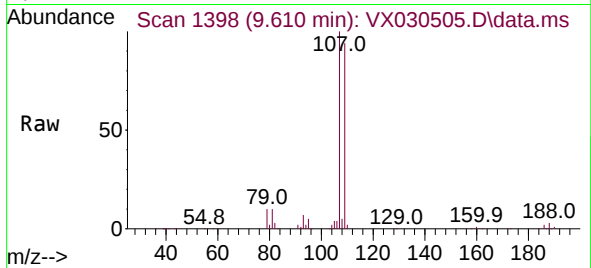




#50
1,2-Dibromoethane
Concen: 47.430 ug/L
RT: 9.610 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

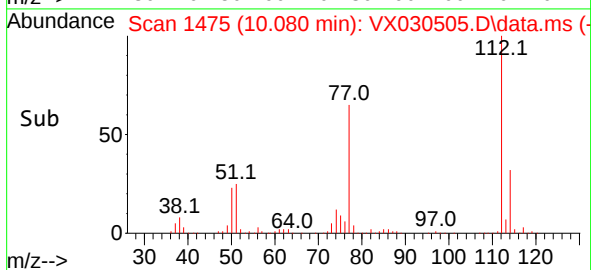
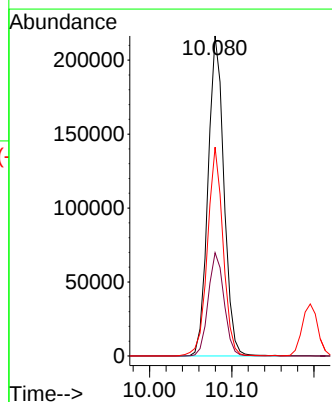
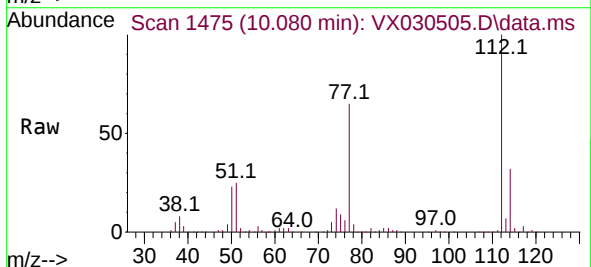
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

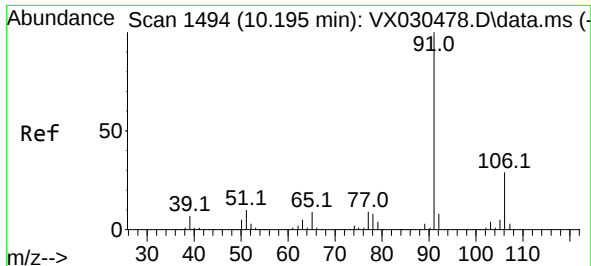
Tgt Ion:	107	Resp:	120157
Ion	Ratio	Lower	Upper
107	100		
109	93.6	64.8	120.4
188	2.8	2.2	3.2



#51
Chlorobenzene
Concen: 47.382 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion:	112	Resp:	290566
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.5
77	65.3	50.8	76.2

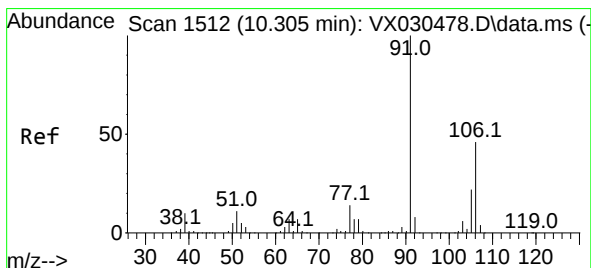
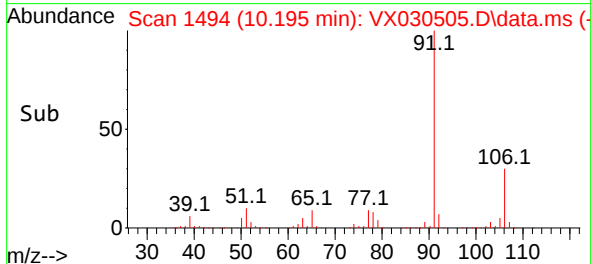
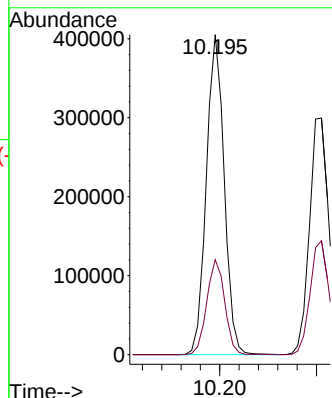
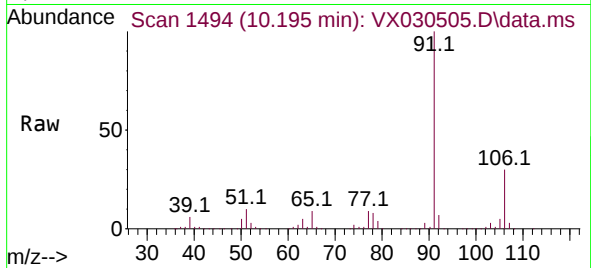




#52
Ethylbenzene
Concen: 48.445 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

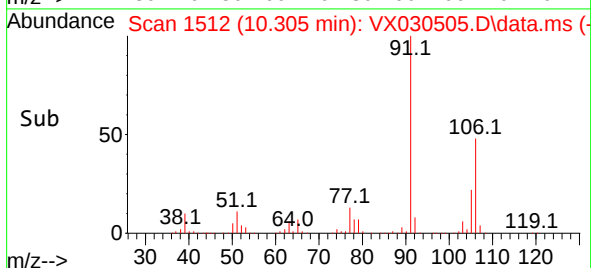
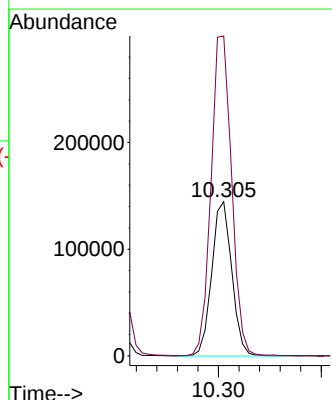
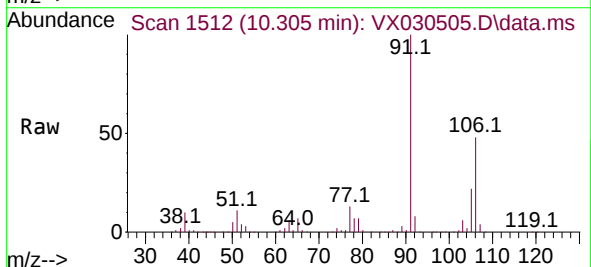
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

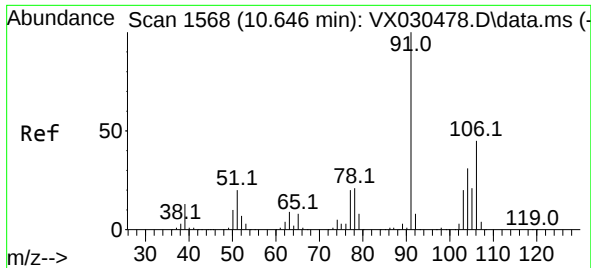
Tgt Ion: 91 Resp: 519945
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 48.766 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 106 Resp: 195082
Ion Ratio Lower Upper
106 100
91 207.5 147.8 274.6

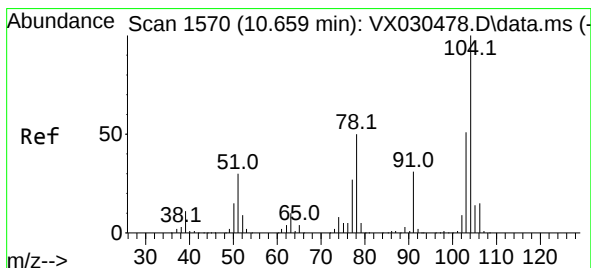
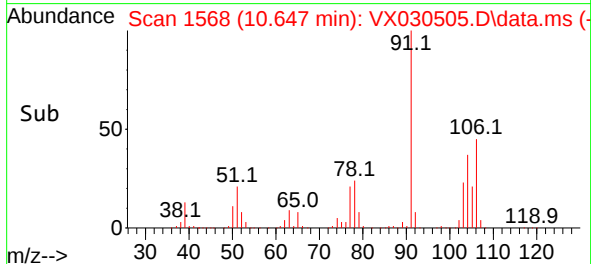
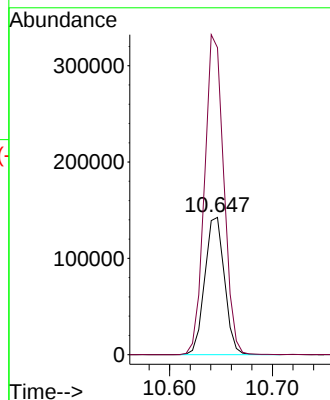
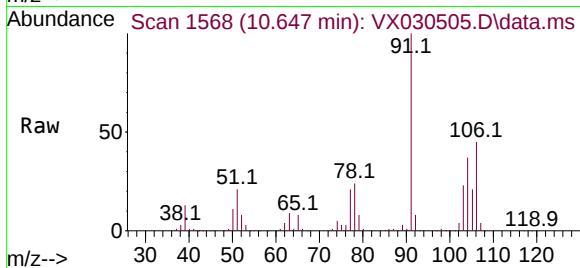




#54
o-Xylene
Concen: 47.738 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

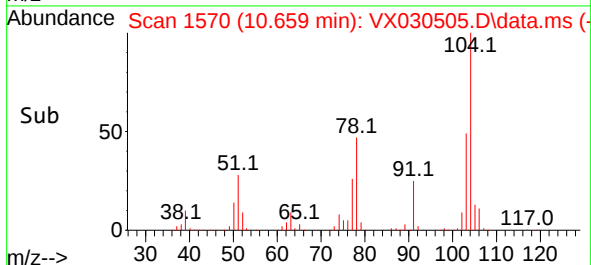
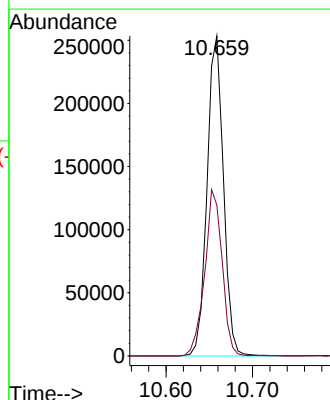
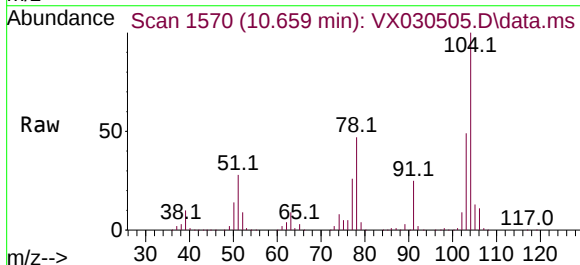
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

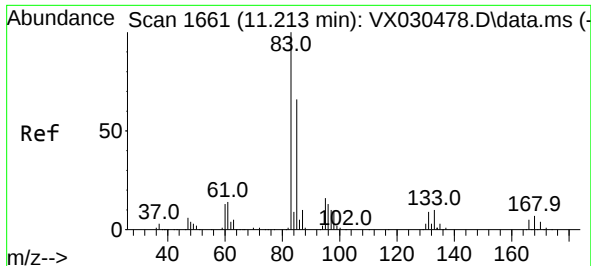
Tgt Ion:106 Resp: 190296
Ion Ratio Lower Upper
106 100
91 223.6 157.8 293.0



#55
Styrene
Concen: 49.551 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion:104 Resp: 332583
Ion Ratio Lower Upper
104 100
78 47.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 48.525 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD050771

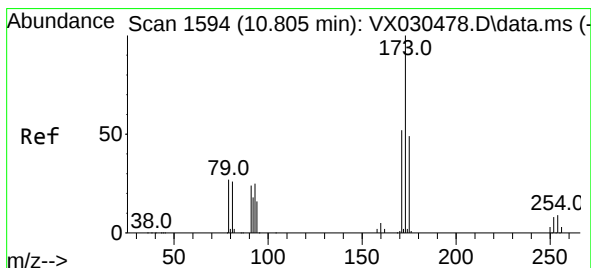
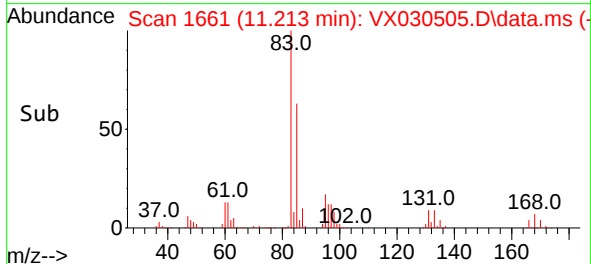
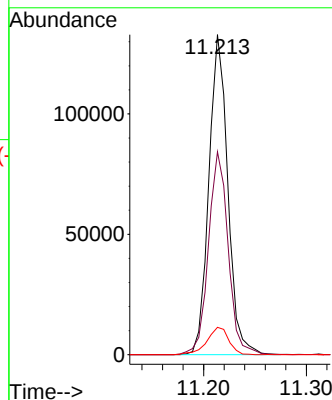
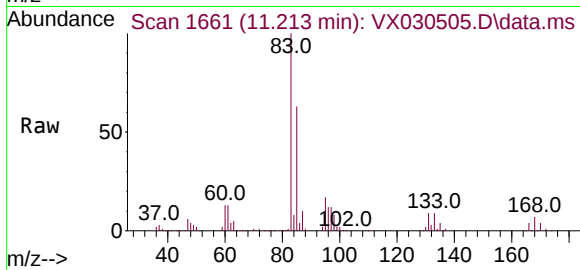
Tgt Ion: 83 Resp: 170092

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

131 8.6 7.5 11.3



#59

Bromoform

Concen: 45.849 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

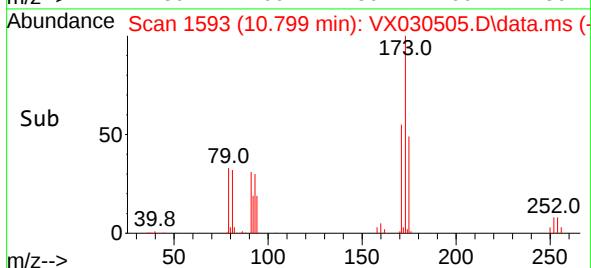
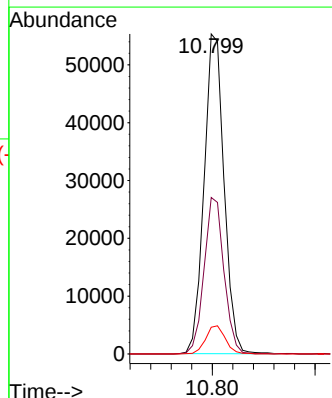
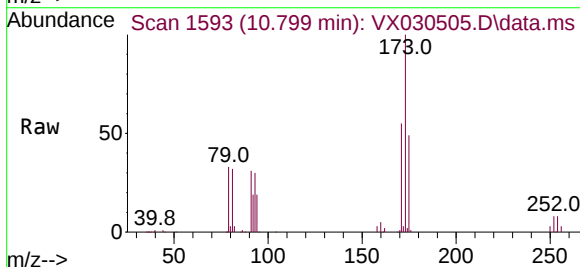
Tgt Ion:173 Resp: 74796

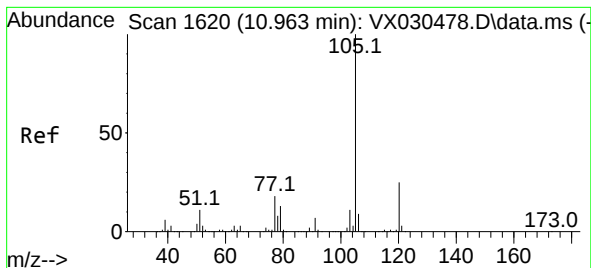
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 8.7 7.0 10.4





#60

Isopropylbenzene

Concen: 48.085 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTD050771

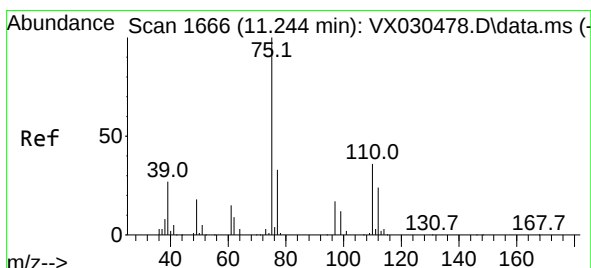
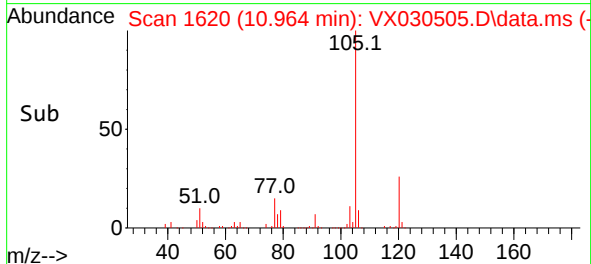
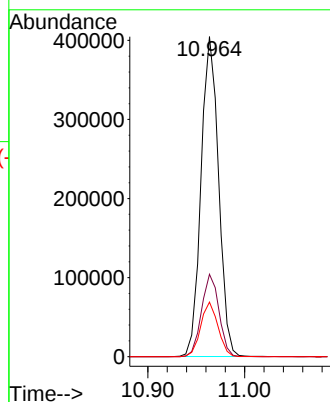
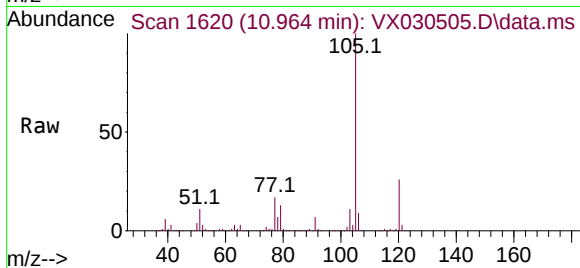
Tgt Ion:105 Resp: 510599

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.9 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 47.560 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

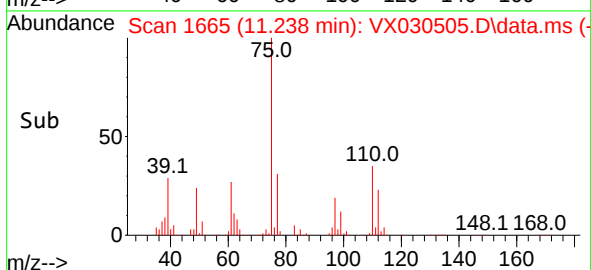
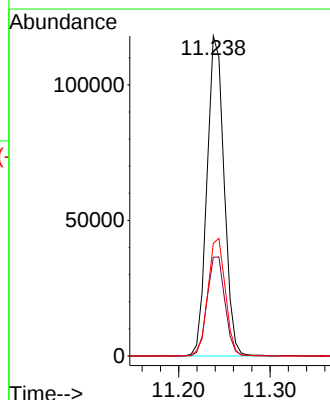
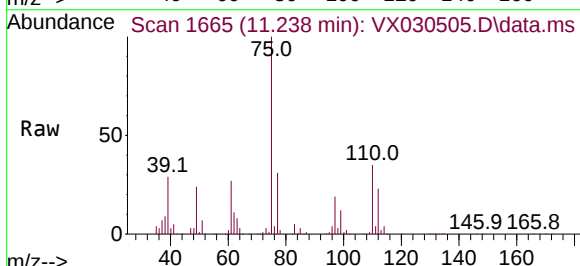
Tgt Ion: 75 Resp: 153009

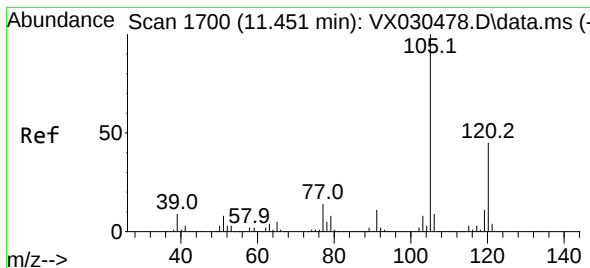
Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

110 37.3 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 49.524 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX030505.D

Acq: 08 Aug 2022 09:44

Instrument :

MSVOA_X

ClientSampleId :

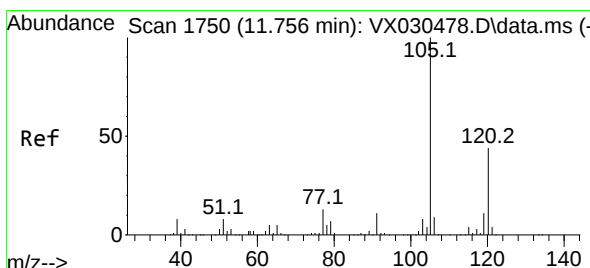
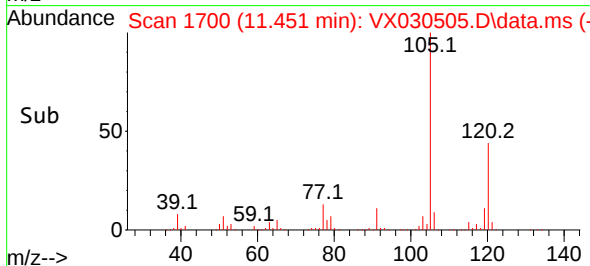
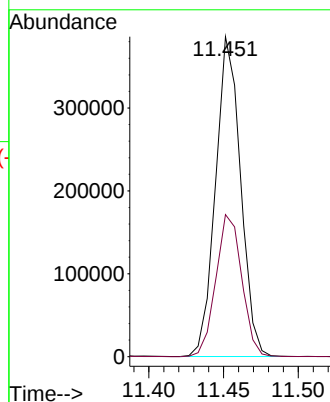
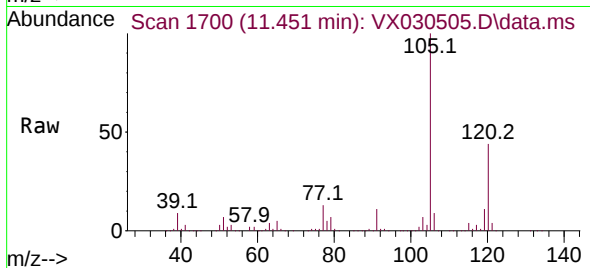
VSTD050771

Tgt Ion:105 Resp: 448970

Ion Ratio Lower Upper

105 100

120 46.0 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 48.410 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030505.D

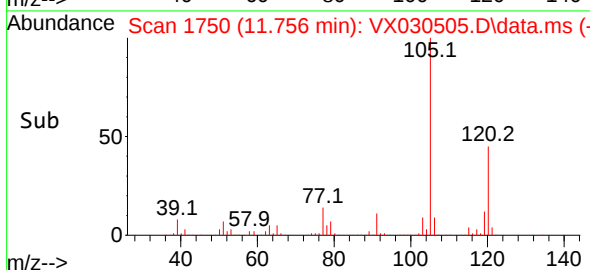
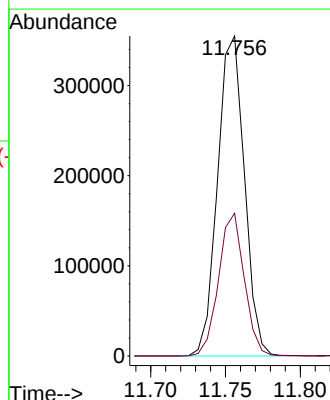
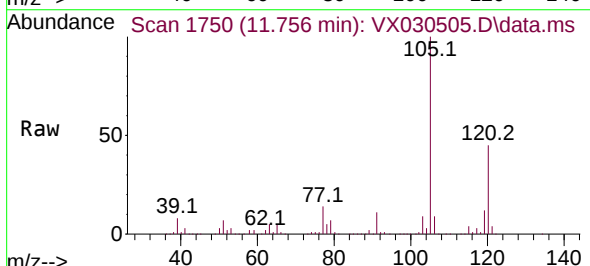
Acq: 08 Aug 2022 09:44

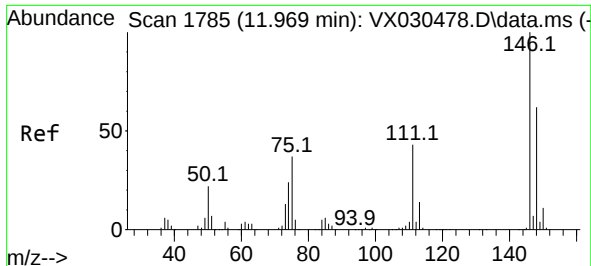
Tgt Ion:105 Resp: 443208

Ion Ratio Lower Upper

105 100

120 42.7 35.9 53.9

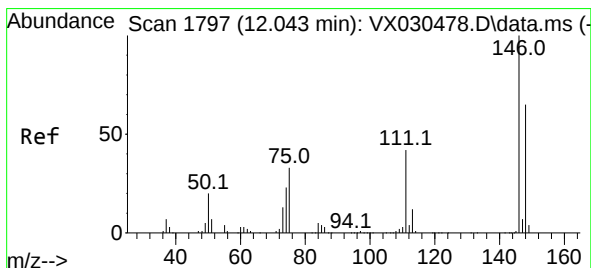
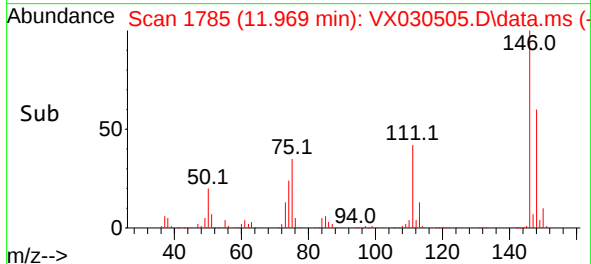
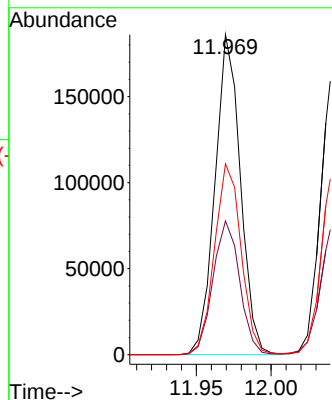
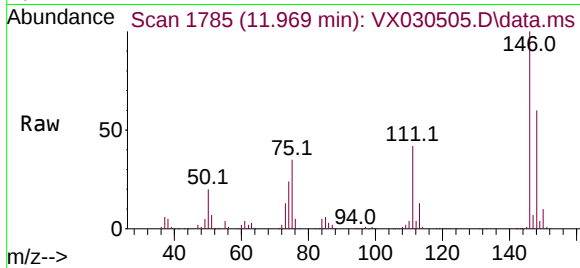




#64
1,3-Dichlorobenzene
Concen: 47.620 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

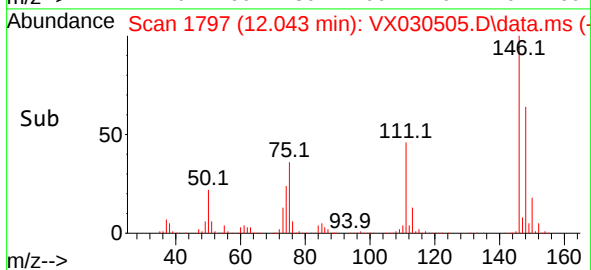
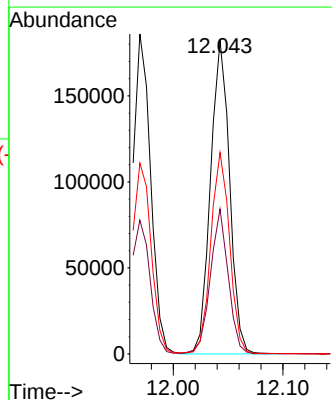
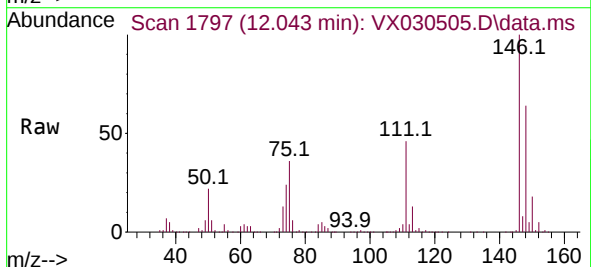
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

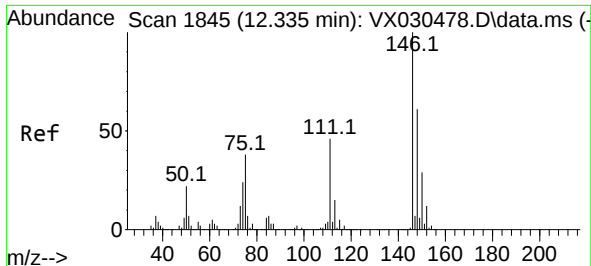
Tgt Ion:146 Resp: 219816
Ion Ratio Lower Upper
146 100
111 41.8 30.9 57.5
148 59.6 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 47.005 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion:146 Resp: 220570
Ion Ratio Lower Upper
146 100
111 46.2 32.6 60.6
148 64.2 48.3 89.7

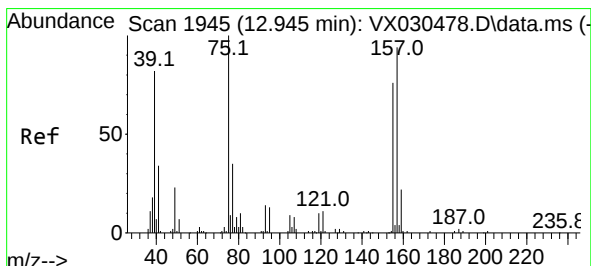
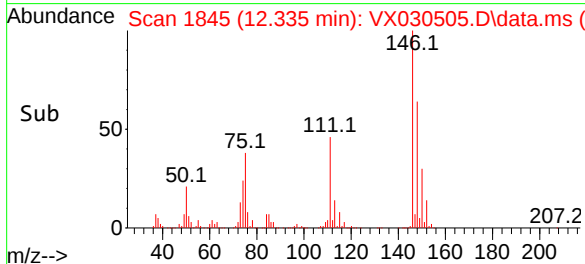
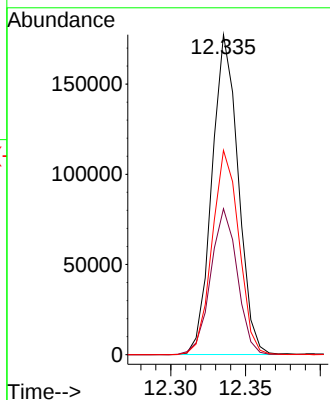
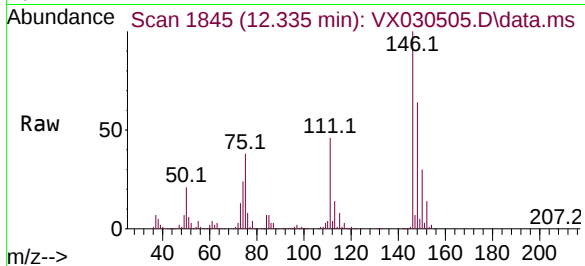




#67
1,2-Dichlorobenzene
Concen: 45.341 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

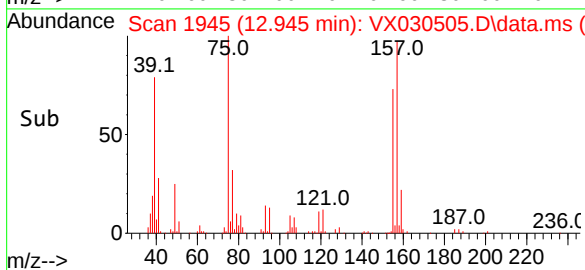
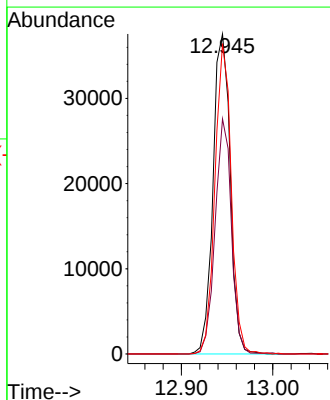
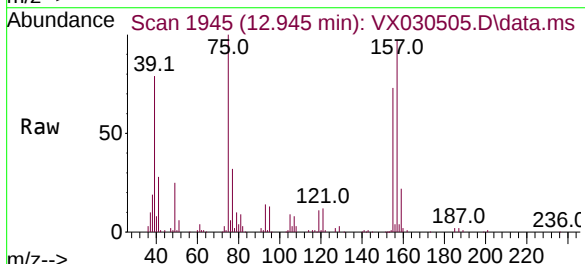
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

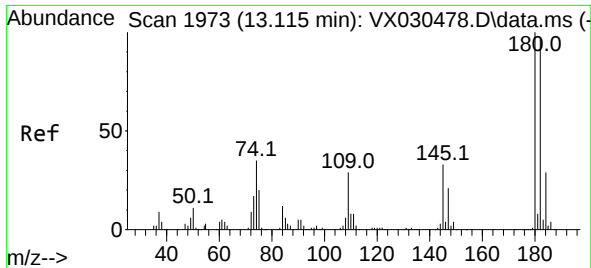
Tgt Ion:146 Resp: 216438
Ion Ratio Lower Upper
146 100
111 45.6 36.9 55.3
148 63.9 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 46.035 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion: 75 Resp: 48855
Ion Ratio Lower Upper
75 100
155 73.4 57.1 85.7
157 97.0 73.1 109.7

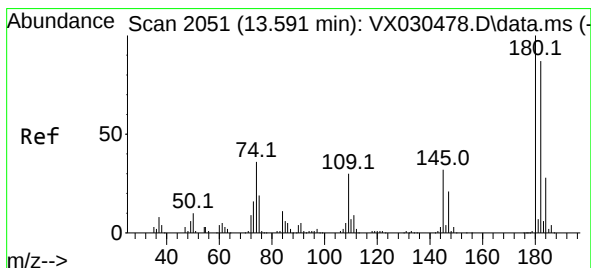
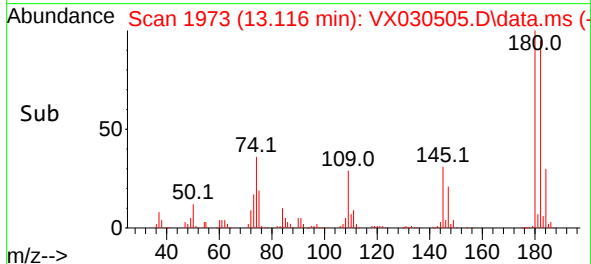
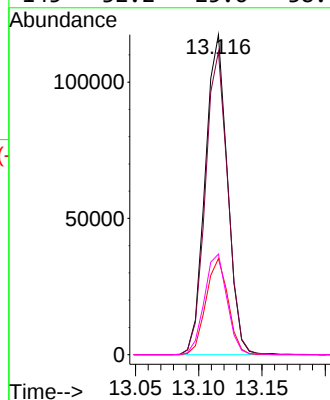
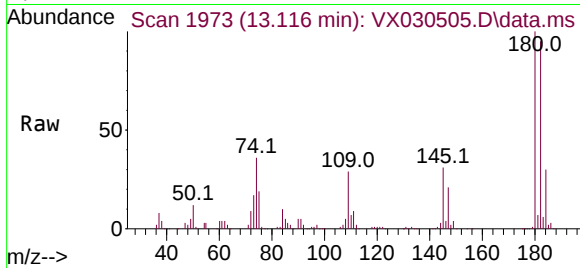




#69
1,3,5-Trichlorobenzene
Concen: 44.503 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

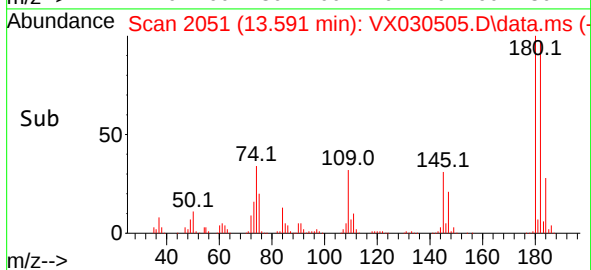
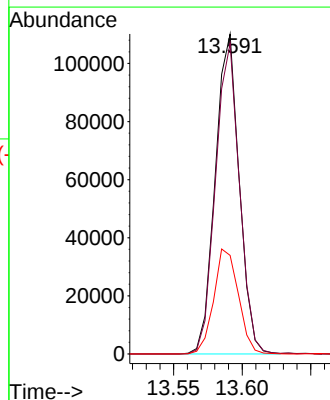
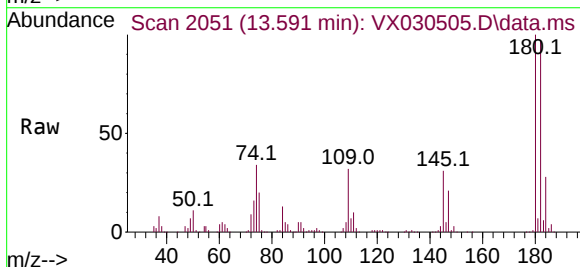
Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

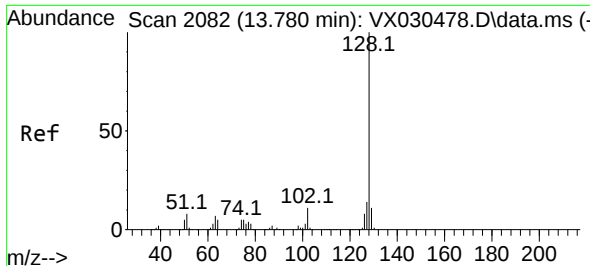
Tgt Ion:180 Resp: 144063
Ion Ratio Lower Upper
180 100
182 95.3 73.7 110.5
184 29.9 24.1 36.1
145 32.2 25.6 38.4



#70
1,2,4-trichlorobenzene
Concen: 47.092 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion:180 Resp: 133882
Ion Ratio Lower Upper
180 100
182 96.8 72.7 109.1
145 33.7 26.6 40.0

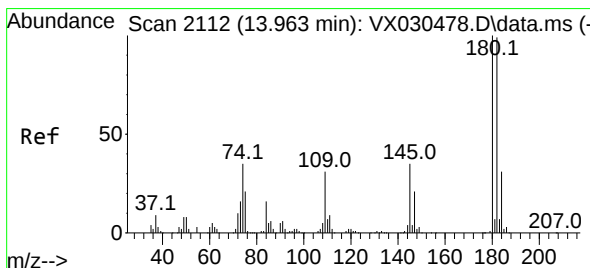
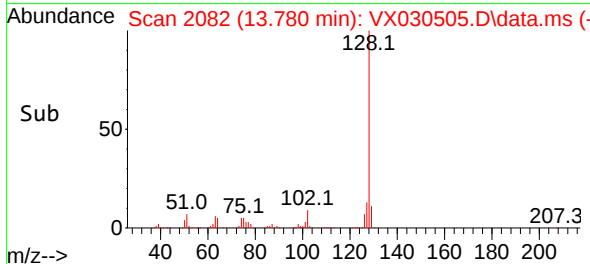
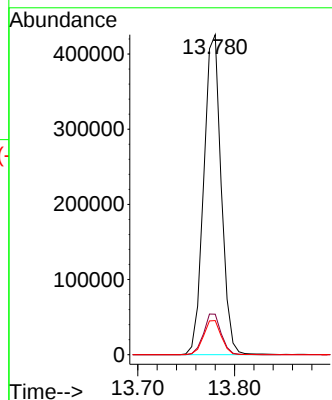
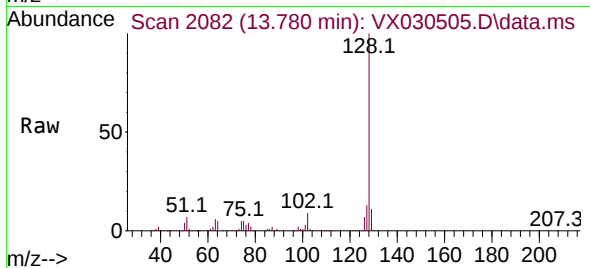




#71
Naphthalene
Concen: 45.425 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTD050771

Tgt Ion:128 Resp: 534575
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 45.218 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030505.D
Acq: 08 Aug 2022 09:44

Tgt Ion:180 Resp: 135793
Ion Ratio Lower Upper
180 100
182 94.5 74.6 112.0
145 35.3 28.4 42.6

