

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030521.D
 Acq On : 08 Aug 2022 18:57
 Operator : JC/MD
 Sample : VSTDCC50
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050772

Quant Time: Aug 09 00:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	290813	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	257744	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	131192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70242	37.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.220%
7) Chloroethane-d5	1.660	69	55450	42.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.240%
11) 1,1-Dichloroethene-d2	2.306	63	142137	40.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.480%
21) 2-Butanone-d5	4.471	46	190074	109.845	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.850%
24) Chloroform-d	5.068	84	174744	45.454	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
26) 1,2-Dichloroethane-d4	5.958	65	121437	46.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
32) Benzene-d6	5.983	84	315311	42.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
36) 1,2-Dichloropropane-d6	7.312	67	106581	44.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.980%
41) Toluene-d8	8.653	98	275373	39.569	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.140%#
43) trans-1,3-Dichloroprop...	8.958	79	46644	39.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.280%
47) 2-Hexanone-d5	9.391	63	127227	104.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	152674	48.518	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	12.323	152	107690	42.321	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107344	49.054	ug/L	99
3) Chloromethane	1.294	50	99613	52.939	ug/L	99
5) Vinyl chloride	1.374	62	102800	51.148	ug/L	97
6) Bromomethane	1.611	94	45392	48.059	ug/L	96
8) Chloroethane	1.685	64	59723	52.167	ug/L	97
9) Trichlorofluoromethane	1.886	101	143133	48.186	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	77621	43.934	ug/L	97
12) 1,1-Dichloroethene	2.319	96	74282	45.636	ug/L #	79
13) Acetone	2.392	43	136881	107.934	ug/L	100
14) Carbon disulfide	2.508	76	238810	45.267	ug/L	98
15) Methyl Acetate	2.709	43	144941	55.216	ug/L	99
16) Methylene chloride	2.788	84	104683	50.720	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	90154	47.808	ug/L	97
18) Methyl tert-butyl Ether	3.123	73	326451	50.906	ug/L	99
19) 1,1-Dichloroethane	3.611	63	190986	52.364	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	106511	50.211	ug/L	100
22) 2-Butanone	4.574	43	223041	111.487	ug/L	99
23) Bromochloromethane	4.910	128	50800	47.754	ug/L	87
25) Chloroform	5.099	83	200197	52.242	ug/L	95

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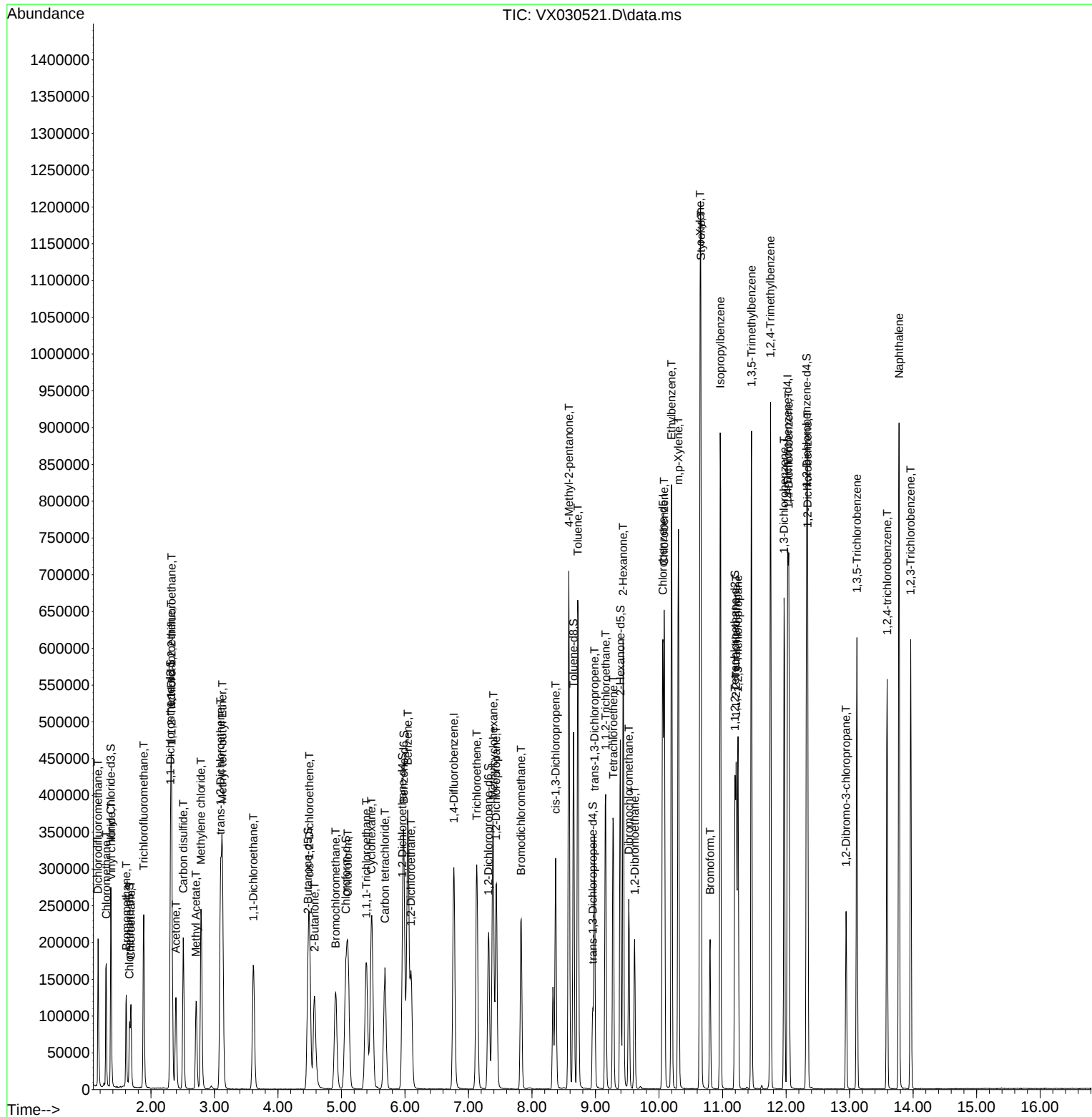
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	172731	54.157	ug/L	95
29) Cyclohexane	5.471	56	158690	46.313	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	167497	49.267	ug/L	99
31) Carbon tetrachloride	5.684	117	134820	48.047	ug/L	99
33) Benzene	6.044	78	421577	51.015	ug/L	100
34) Trichloroethene	7.129	95	116658	48.741	ug/L	89
35) Methylcyclohexane	7.391	83	154622	44.377	ug/L	98
37) 1,2-Dichloropropane	7.434	63	110454	50.270	ug/L	99
38) Bromodichloromethane	7.830	83	148182	50.957	ug/L	94
39) cis-1,3-Dichloropropene	8.372	75	149732	45.682	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	429642	112.286	ug/L	98
42) Toluene	8.720	91	429197	49.164	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	146822	45.766	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	102697	50.265	ug/L	99
46) Tetrachloroethene	9.281	164	66077	43.684	ug/L	98
48) 2-Hexanone	9.433	43	336593	113.218	ug/L	98
49) Dibromochloromethane	9.525	129	105866	48.705	ug/L	96
50) 1,2-Dibromoethane	9.616	107	110065	48.988	ug/L	97
51) Chlorobenzene	10.079	112	258496	47.529	ug/L	99
52) Ethylbenzene	10.195	91	452946	47.585	ug/L	97
53) m,p-Xylene	10.305	106	168349	47.451	ug/L	97
54) o-Xylene	10.646	106	167592	47.405	ug/L	96
55) Styrene	10.659	104	294542	49.480	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	161562	51.971	ug/L	97
59) Bromoform	10.805	173	67604	47.321	ug/L	100
60) Isopropylbenzene	10.963	105	432724	46.533	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	147475	52.344	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	377085	47.497	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	382881	47.755	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	188958	46.744	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	187803	45.701	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	200731	48.017	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	47663	51.285	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	126979	44.791	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	113489	45.583	ug/L	96
71) Naphthalene	13.780	128	513779	49.853	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124156	47.210	ug/L	99

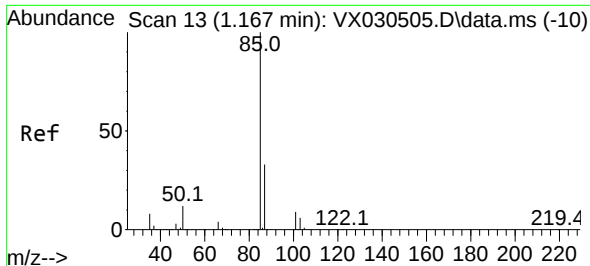
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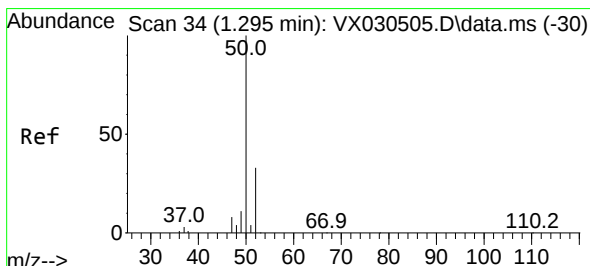
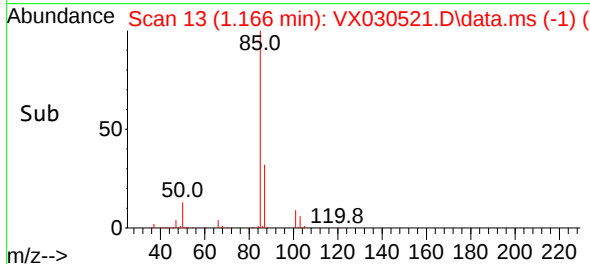
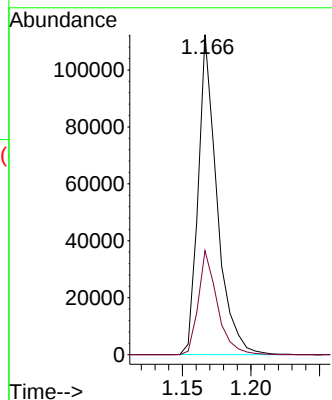
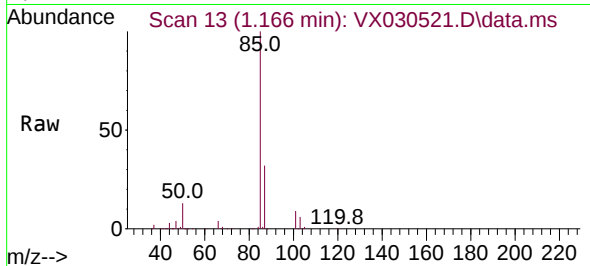




#2
 Dichlorodifluoromethane
 Concen: 49.054 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

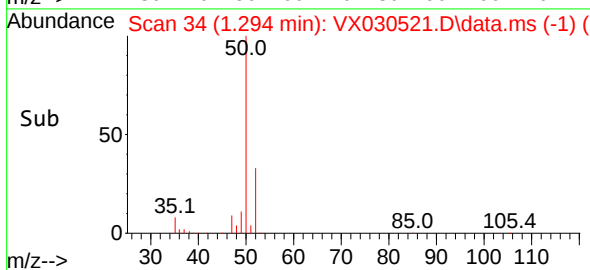
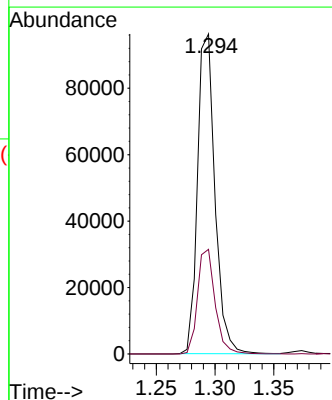
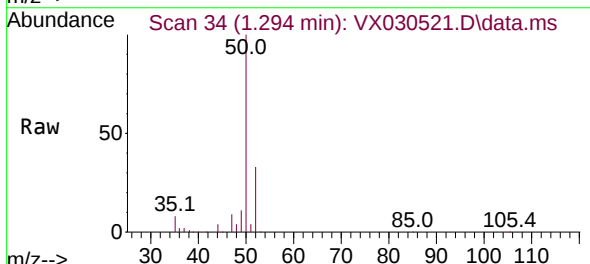
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 ClientSampleId :
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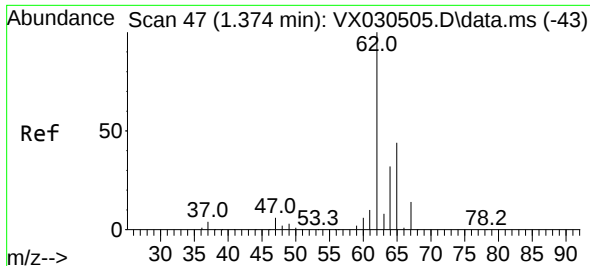
Tgt Ion: 85 Resp: 107344
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.6 38.4



#3
 Chloromethane
 Concen: 52.939 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

Tgt Ion: 50 Resp: 99613
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.3 43.3

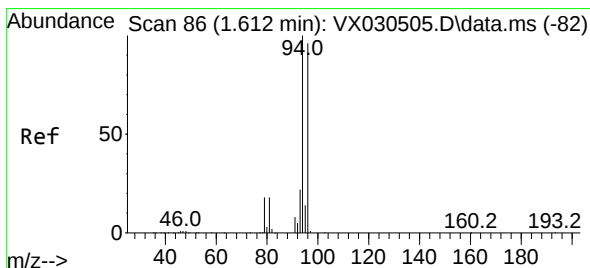
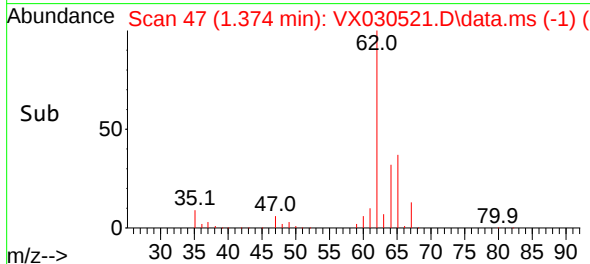
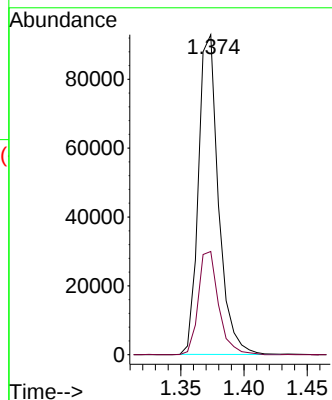
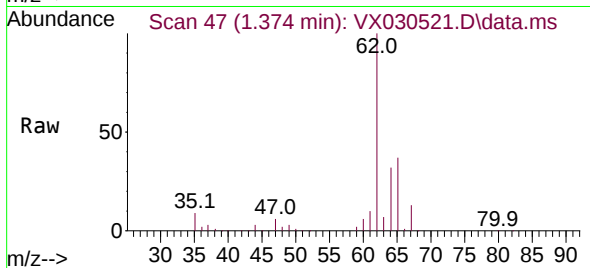




#5
 Vinyl chloride
 Concen: 51.148 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

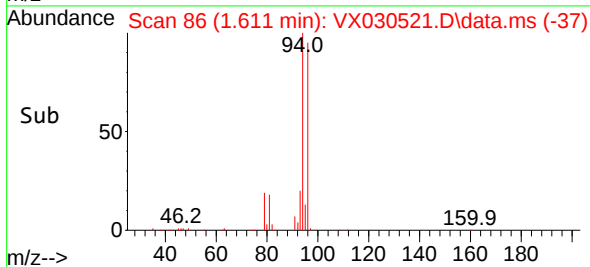
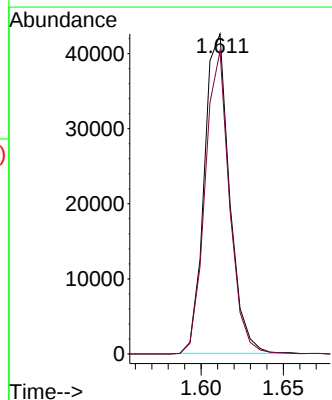
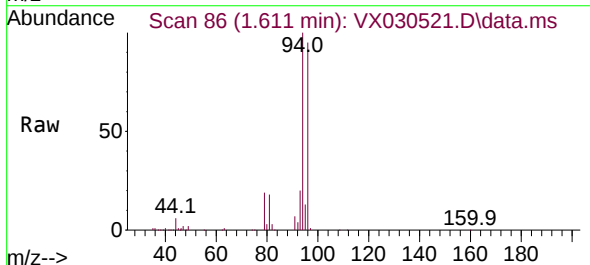
Instrument :
 MSVOA_X
 ClientSampleId :
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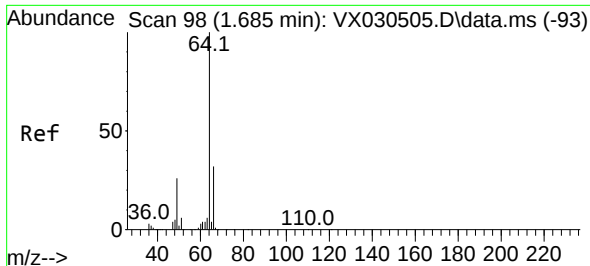
Tgt Ion: 62 Resp: 102800
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.8 44.2



#6
 Bromomethane
 Concen: 48.059 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

Tgt Ion: 94 Resp: 45392
 Ion Ratio Lower Upper
 94 100
 96 94.7 63.8 118.6

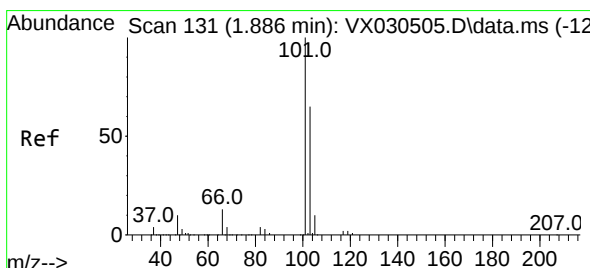
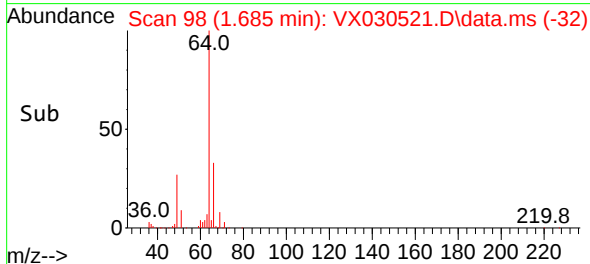
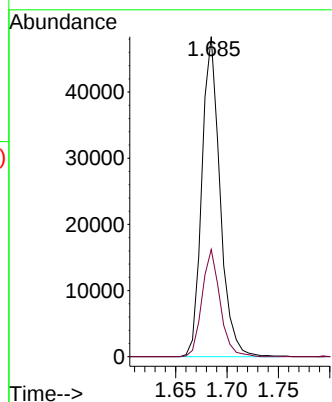
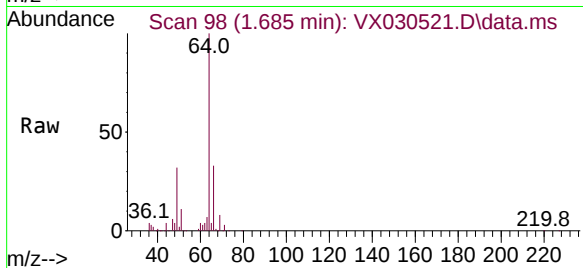




#8
Chloroethane
Concen: 52.167 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

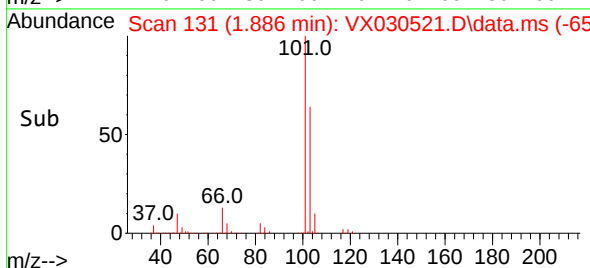
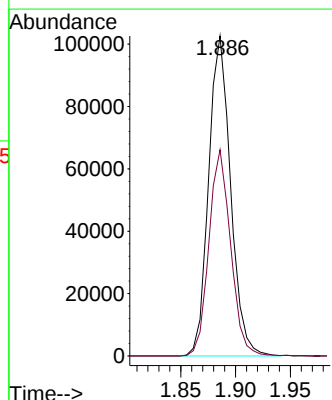
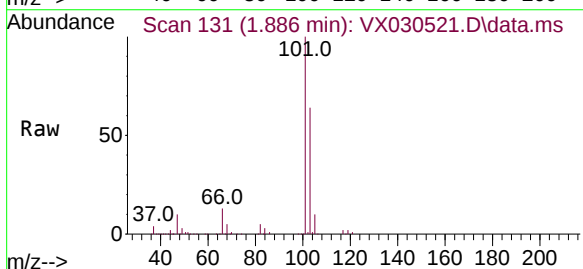
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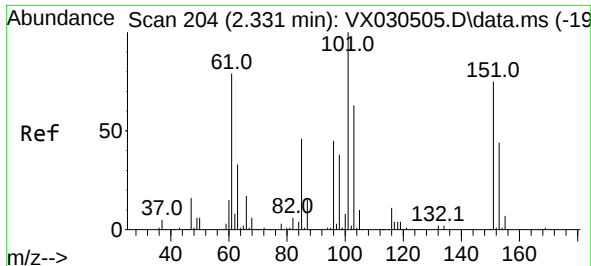
Tgt Ion: 64 Resp: 59723
Ion Ratio Lower Upper
64 100
66 33.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.186 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 101 Resp: 143133
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

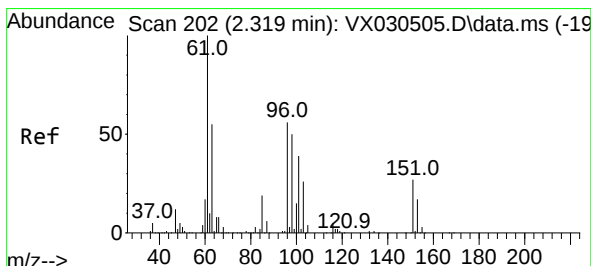
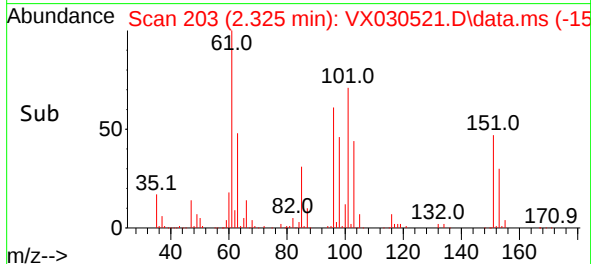
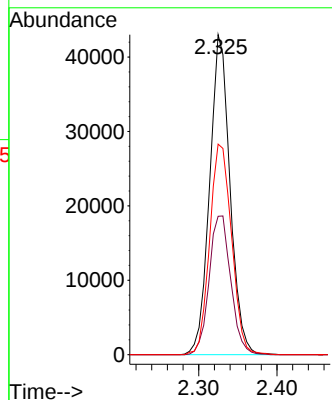
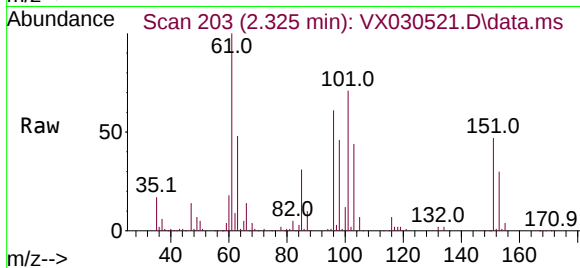




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.934 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030521.D
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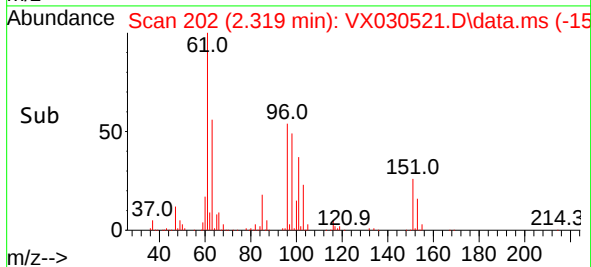
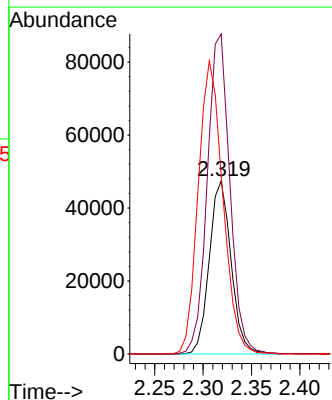
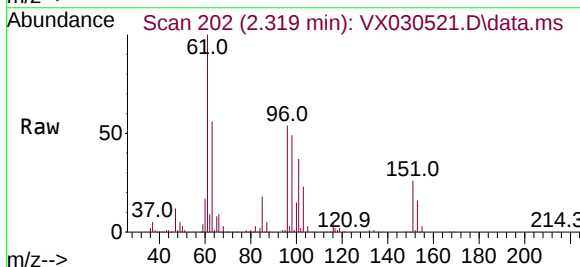
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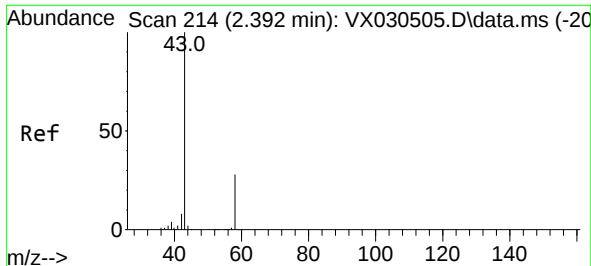
Tgt Ion:101 Resp: 77621
Ion Ratio Lower Upper
101 100
85 46.1 35.3 52.9
151 70.7 58.3 87.5



#12
1,1-Dichloroethene
Concen: 45.636 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 96 Resp: 74282
Ion Ratio Lower Upper
96 100
61 184.9 130.2 241.8
63 103.4 113.5 210.9#

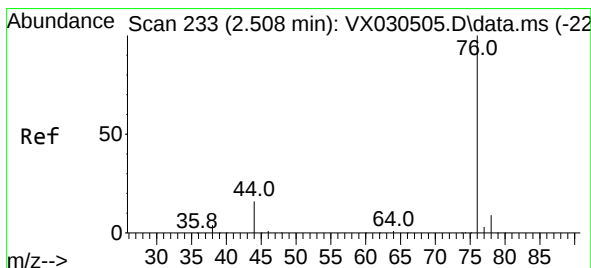
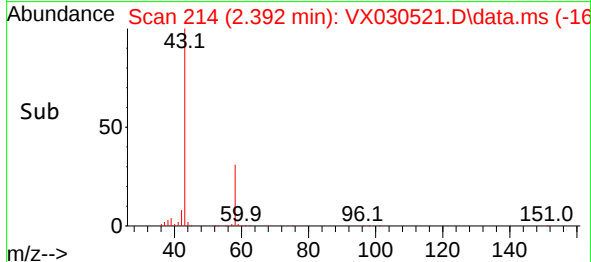
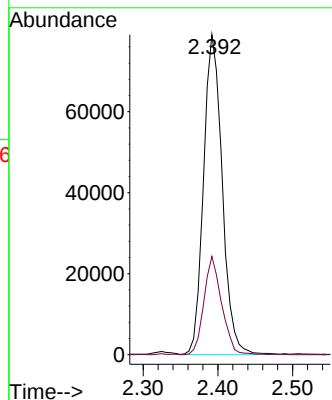
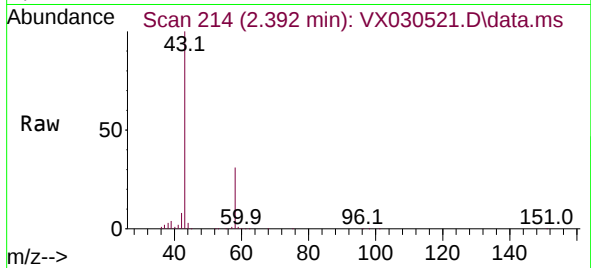




#13
Acetone
Concen: 107.934 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
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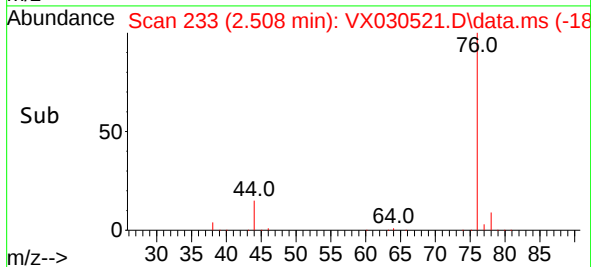
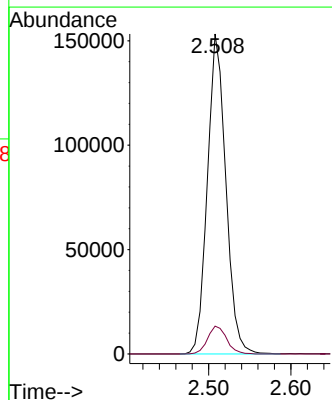
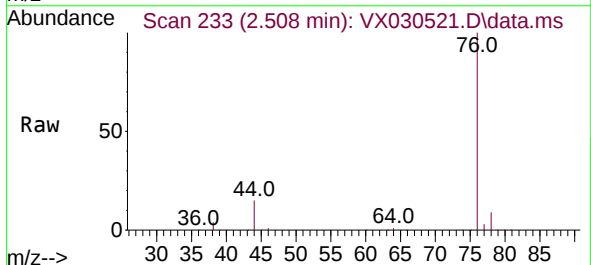
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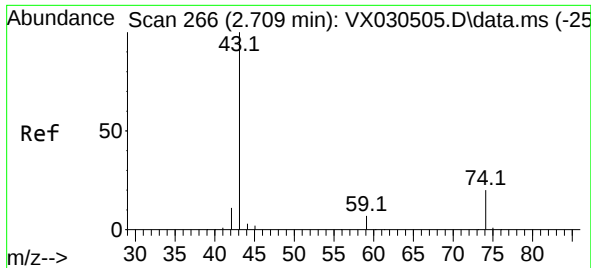
Tgt Ion: 43 Resp: 136881
Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.8



#14
Carbon disulfide
Concen: 45.267 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 238810
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

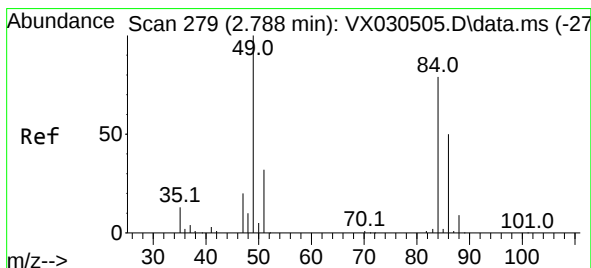
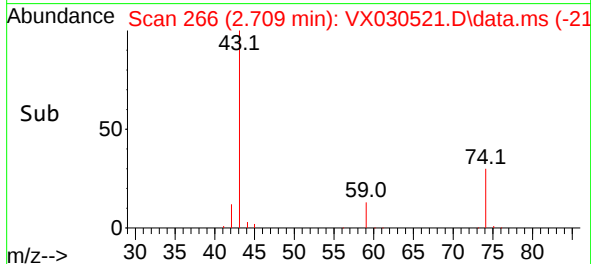
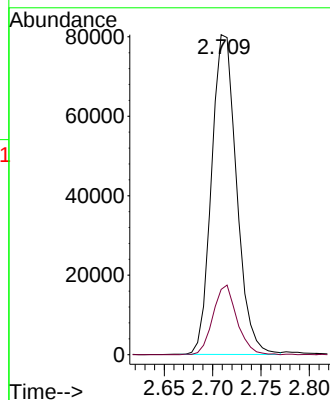
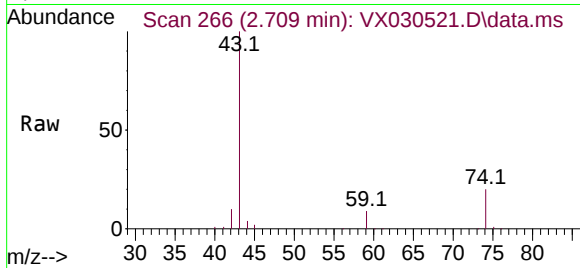




#15
Methyl Acetate
Concen: 55.216 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

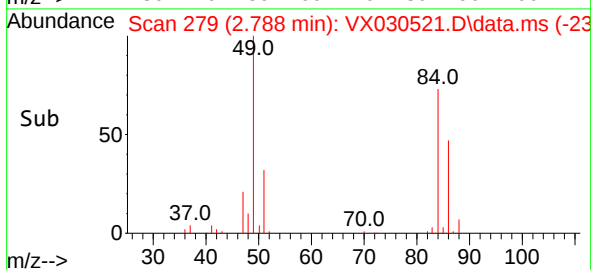
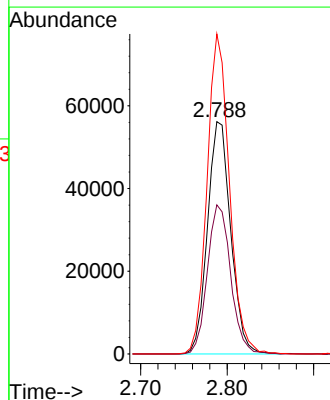
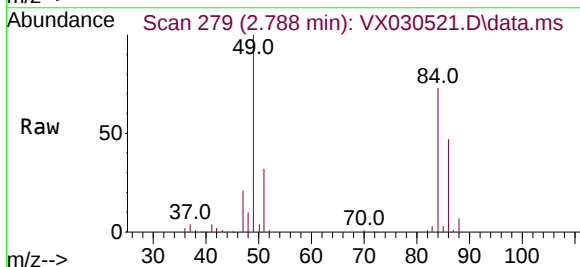
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

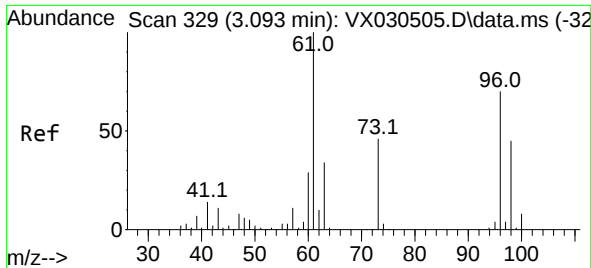
Tgt Ion: 43 Resp: 144941
Ion Ratio Lower Upper
43 100
74 20.8 17.2 25.8



#16
Methylene chloride
Concen: 50.720 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 84 Resp: 104683
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 137.7 89.0 165.2

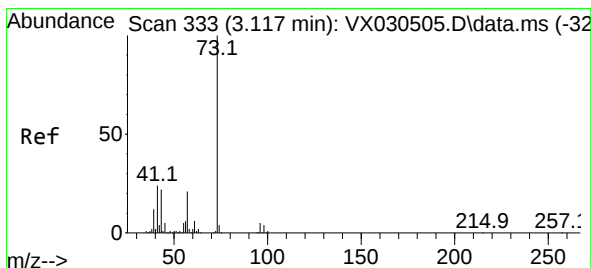
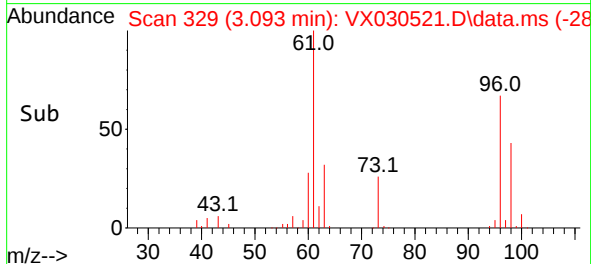
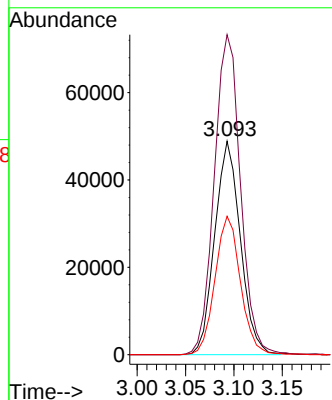
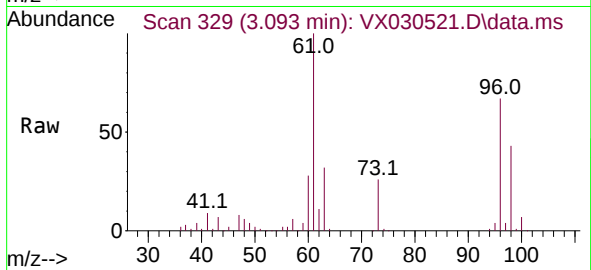




#17
trans-1,2-Dichloroethene
Concen: 47.808 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

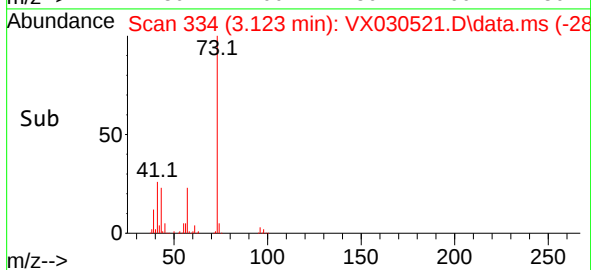
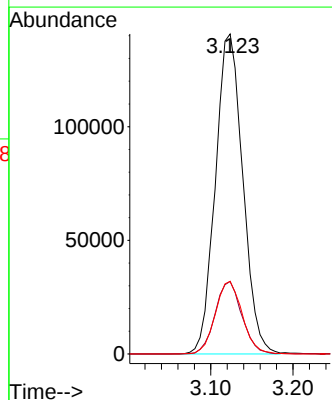
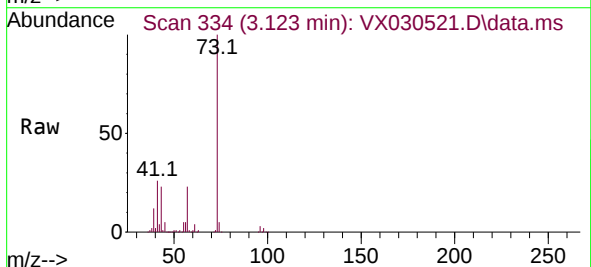
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

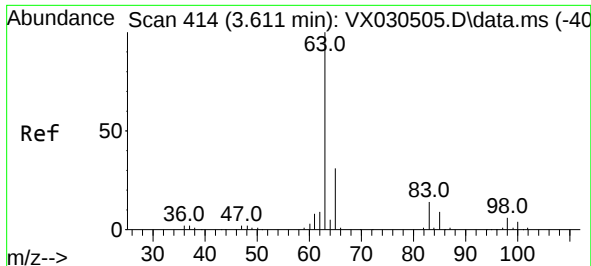
Tgt Ion: 96 Resp: 90154
Ion Ratio Lower Upper
96 100
61 149.9 103.7 192.5
98 64.8 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 50.906 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 73 Resp: 326451
Ion Ratio Lower Upper
73 100
43 22.1 17.6 26.4
57 22.3 17.5 26.3

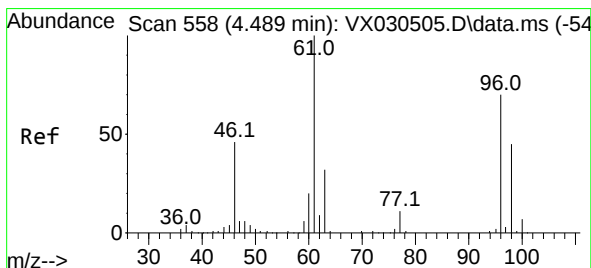
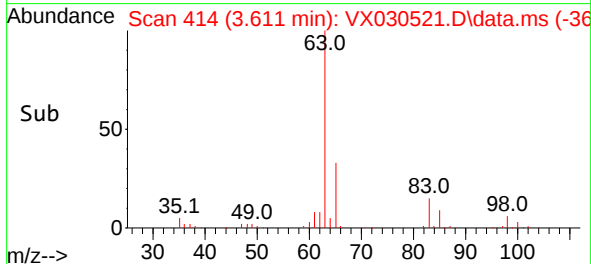
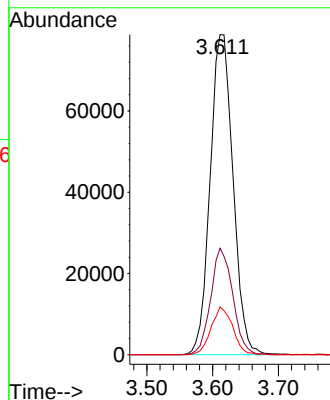
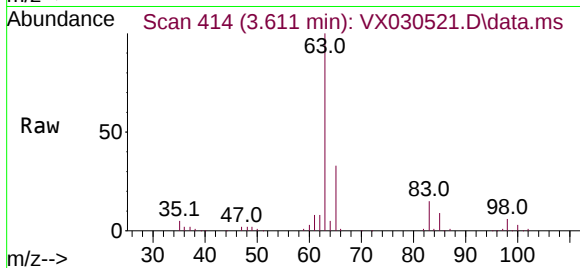




#19
 1,1-Dichloroethane
 Concen: 52.364 ug/L
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

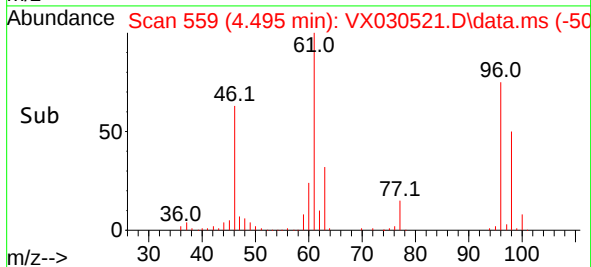
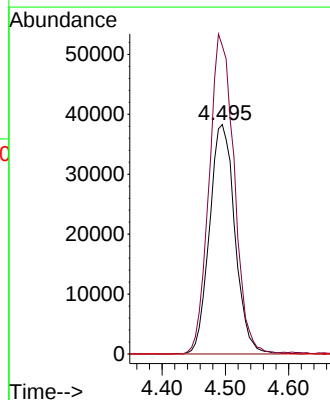
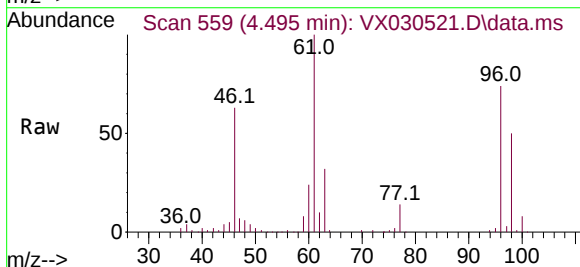
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050772

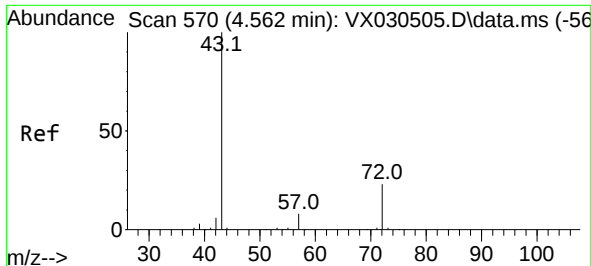
Tgt Ion: 63 Resp: 190986
 Ion Ratio Lower Upper
 63 100
 65 33.3 22.0 40.8
 83 14.9 9.9 18.3



#20
 cis-1,2-Dichloroethene
 Concen: 50.211 ug/L
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

Tgt Ion: 96 Resp: 106511
 Ion Ratio Lower Upper
 96 100
 61 134.4 94.0 174.6
 68 0.0 0.0 0.0

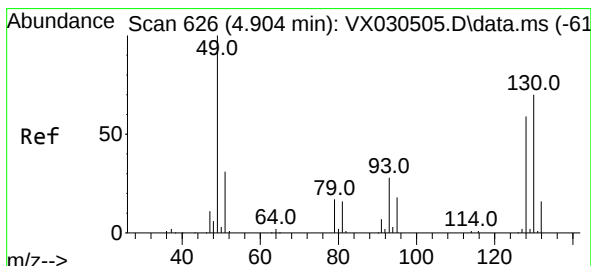
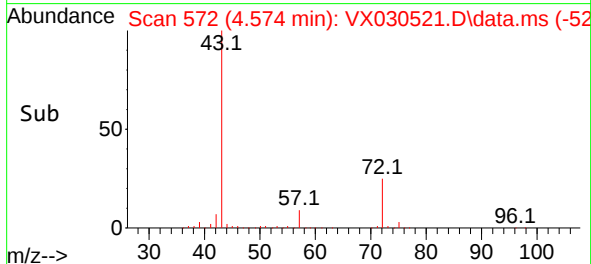
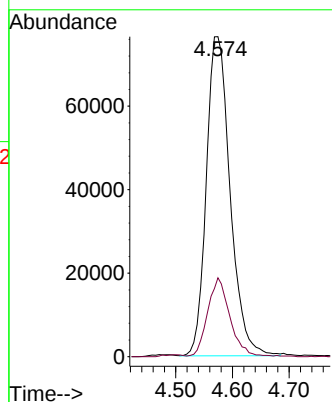
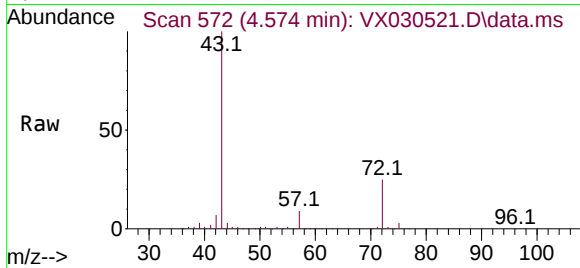




#22
2-Butanone
Concen: 111.487 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

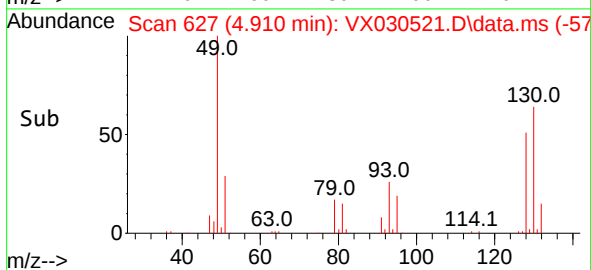
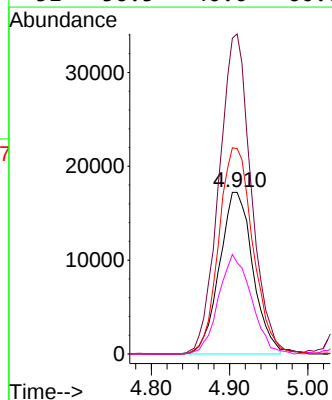
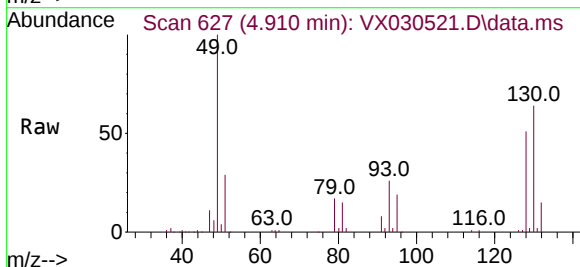
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

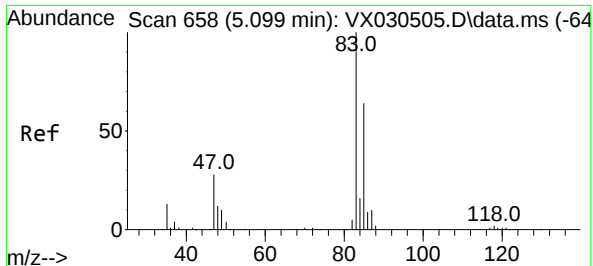
Tgt Ion: 43 Resp: 223041
Ion Ratio Lower Upper
43 100
72 22.8 11.7 35.1



#23
Bromochloromethane
Concen: 47.754 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 128 Resp: 50800
Ion Ratio Lower Upper
128 100
49 198.0 116.8 216.8
130 127.1 90.3 167.7
51 56.5 40.0 60.0





#25

Chloroform

Concen: 52.242 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

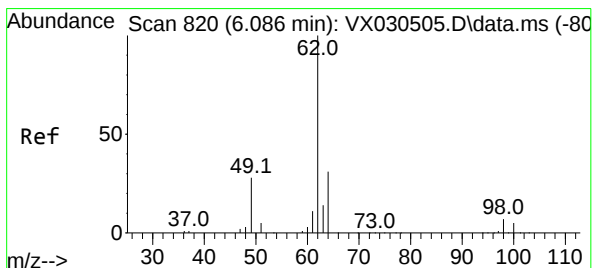
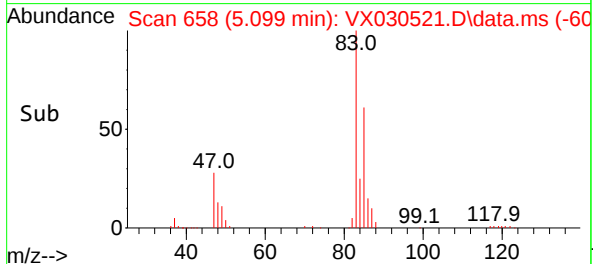
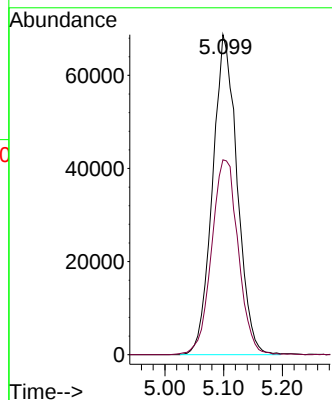
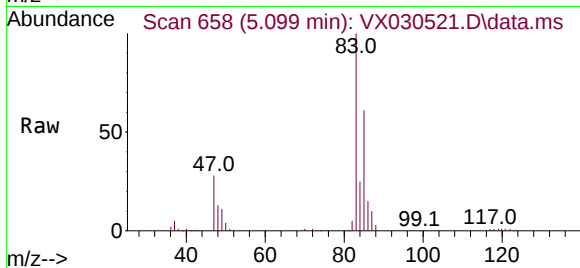
VSTD050772

Tgt Ion: 83 Resp: 200197

Ion Ratio Lower Upper

83 100

85 60.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 54.157 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX030521.D

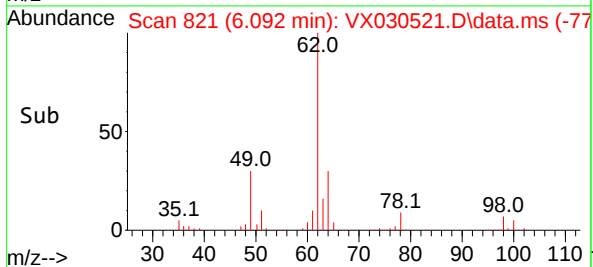
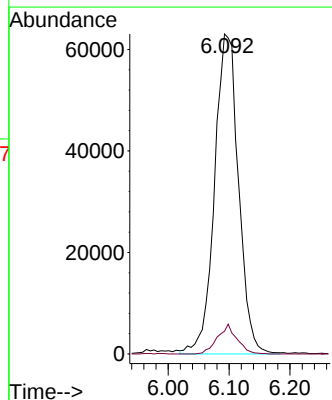
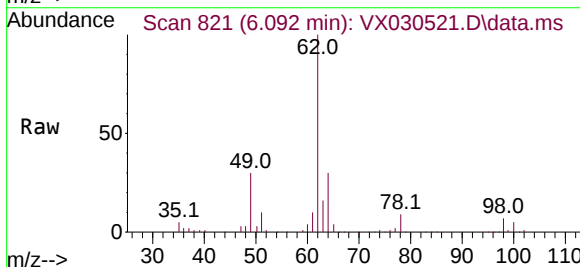
Acq: 08 Aug 2022 18:57

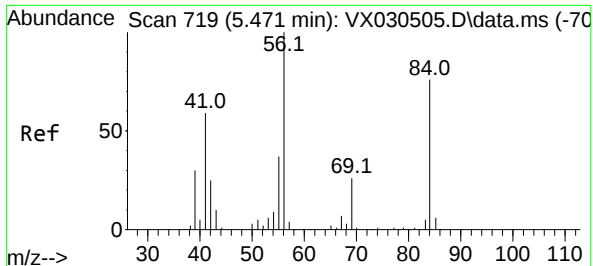
Tgt Ion: 62 Resp: 172731

Ion Ratio Lower Upper

62 100

98 7.1 7.0 10.6

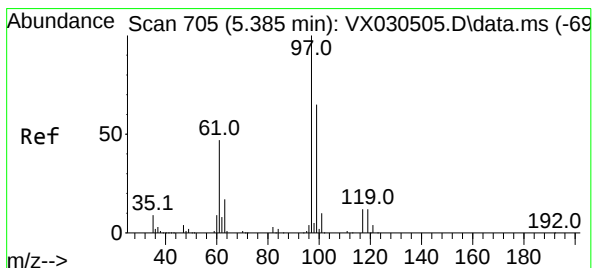
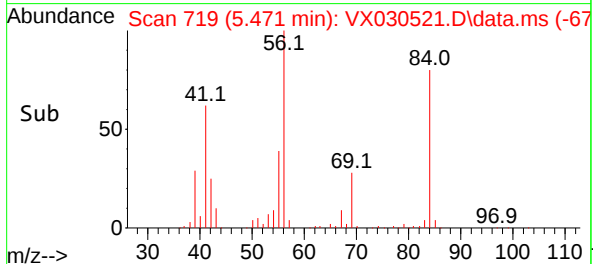
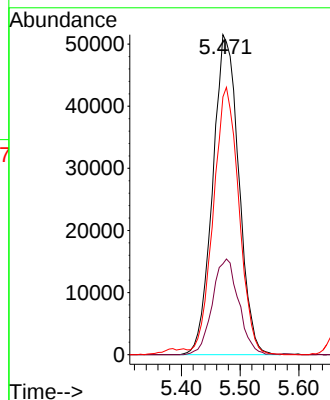
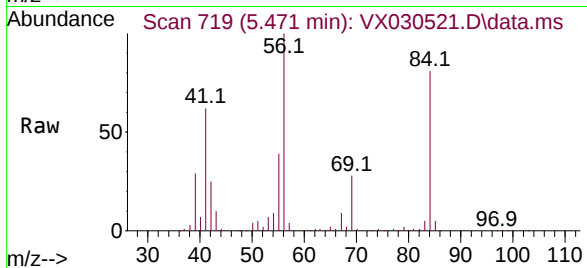




#29
Cyclohexane
Concen: 46.313 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

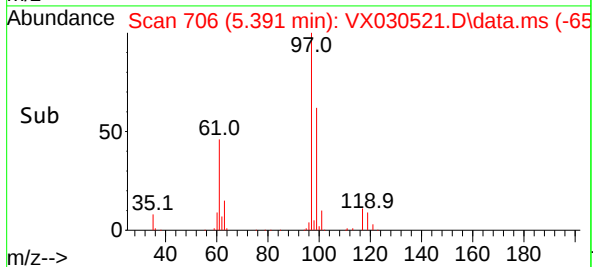
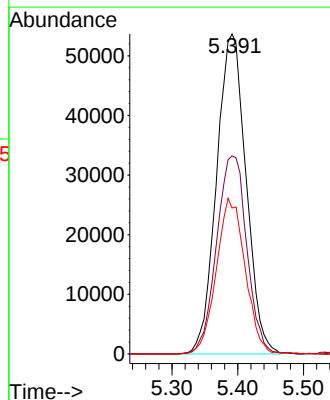
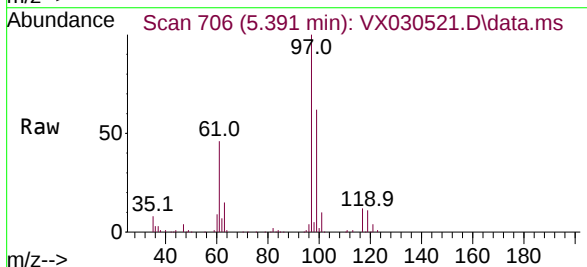
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

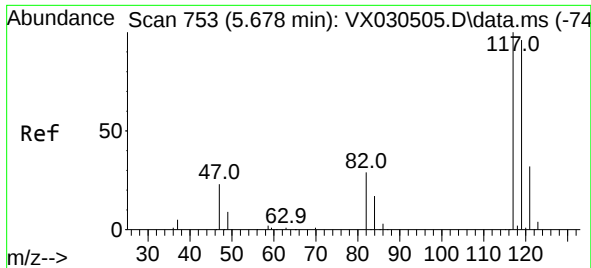
Tgt Ion: 56 Resp: 158690
Ion Ratio Lower Upper
56 100
69 30.1 24.3 36.5
84 82.2 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 49.267 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 97 Resp: 167497
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.0
61 47.4 37.0 55.6

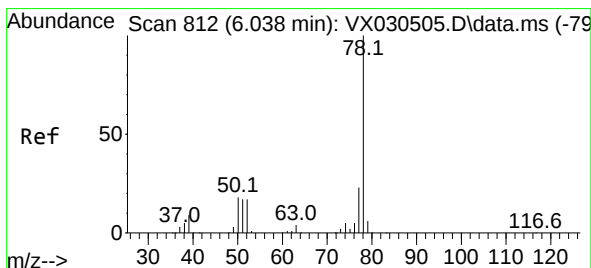
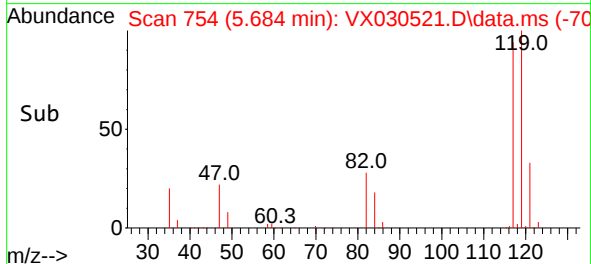
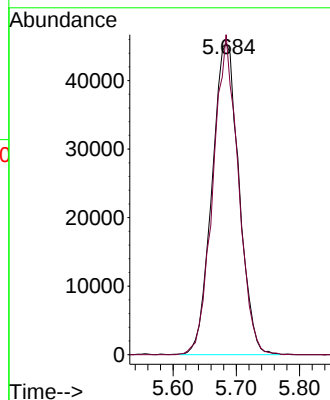
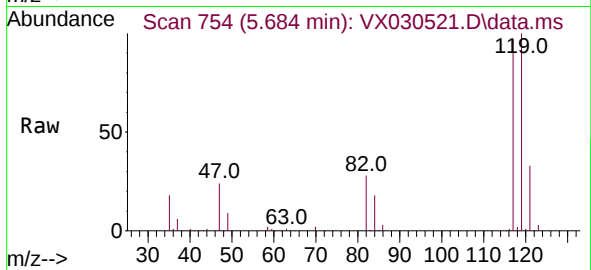




#31
Carbon tetrachloride
Concen: 48.047 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

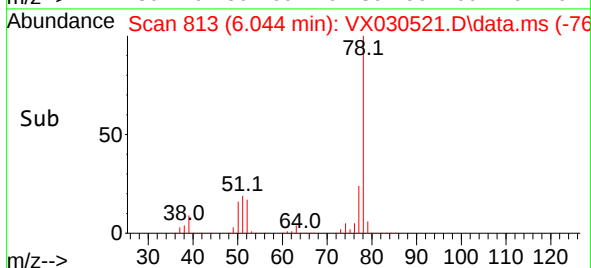
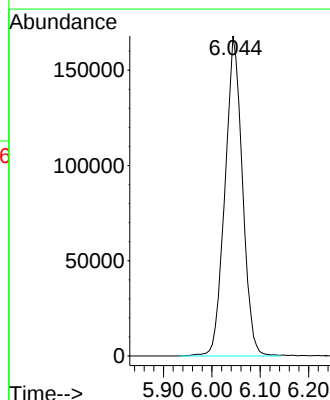
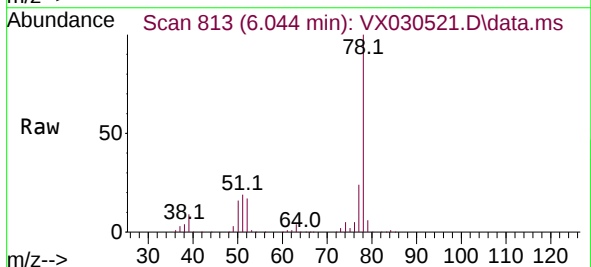
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

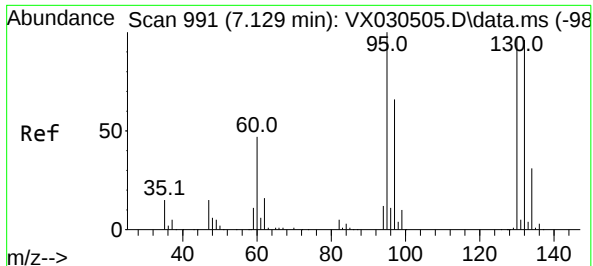
Tgt Ion:117 Resp: 134820
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2



#33
Benzene
Concen: 51.015 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 78 Resp: 421577

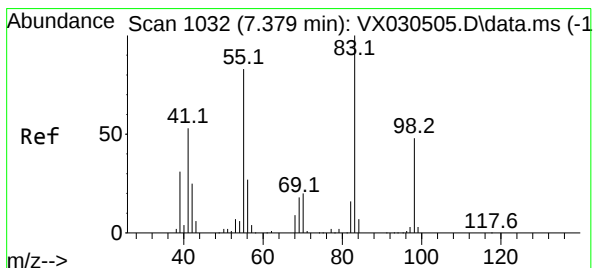
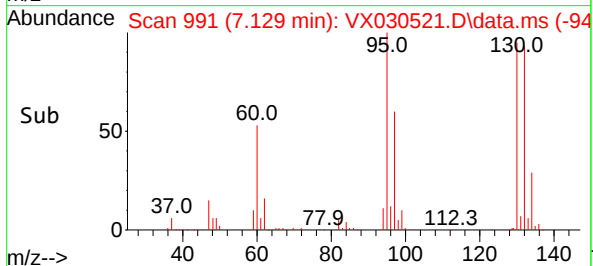
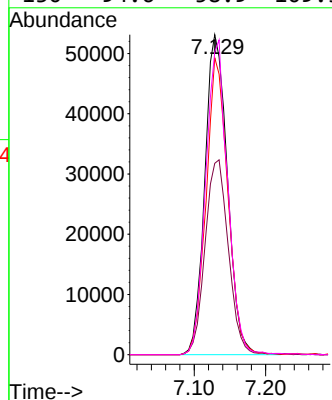
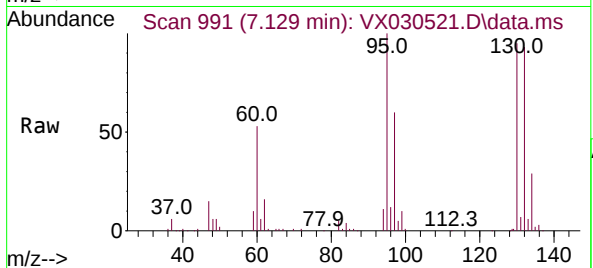




#34
Trichloroethene
Concen: 48.741 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

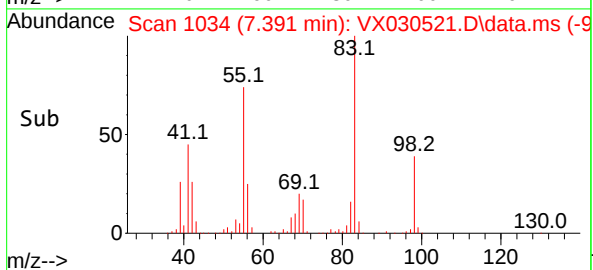
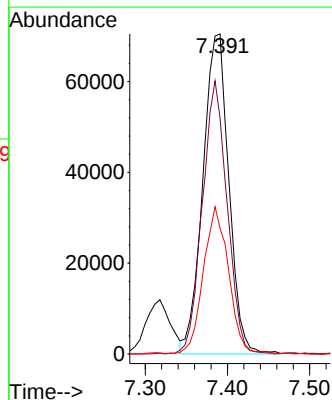
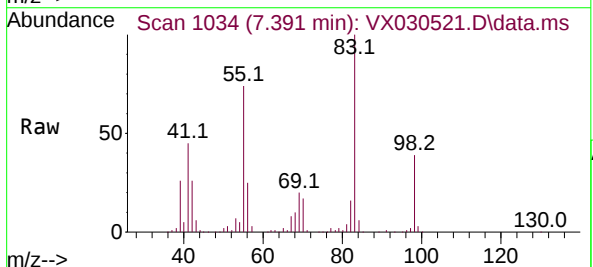
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

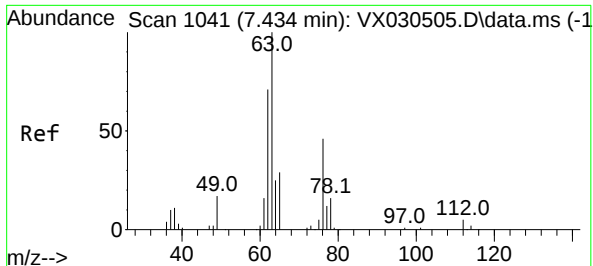
Tgt Ion: 95 Resp: 116658
Ion Ratio Lower Upper
95 100
97 59.8 40.2 74.6
132 92.7 55.3 102.7
130 94.6 58.9 109.5



#35
Methylcyclohexane
Concen: 44.377 ug/L
RT: 7.391 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 83 Resp: 154622
Ion Ratio Lower Upper
83 100
55 81.4 64.0 96.0
98 44.3 36.7 55.1





#37

1,2-Dichloropropane

Concen: 50.270 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

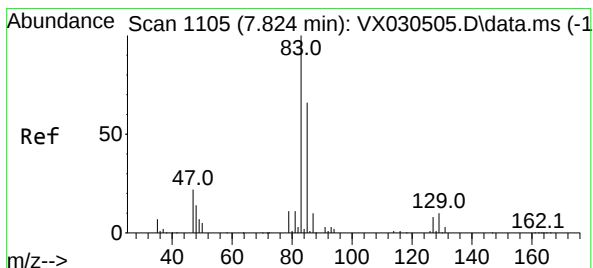
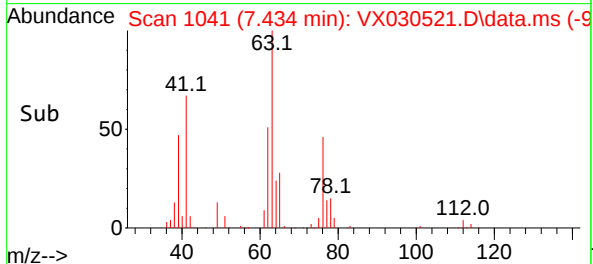
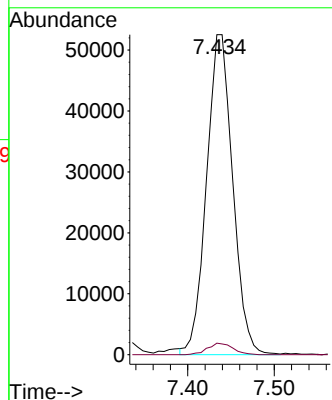
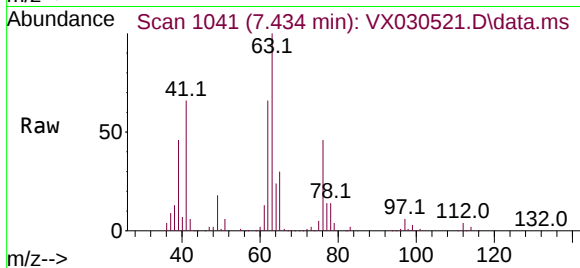
VSTD050772

Tgt Ion: 63 Resp: 110454

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 50.957 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

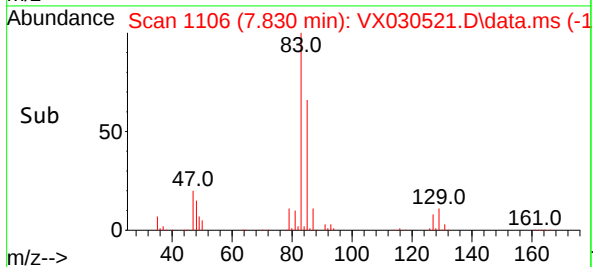
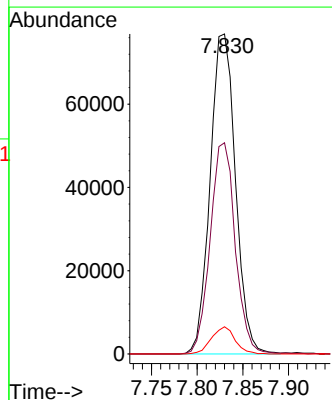
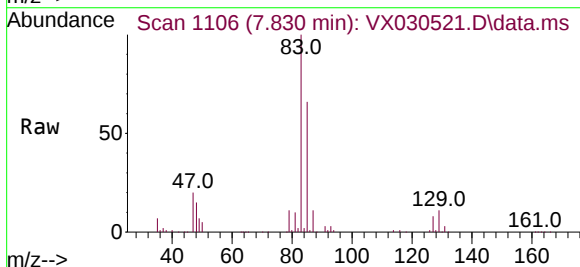
Tgt Ion: 83 Resp: 148182

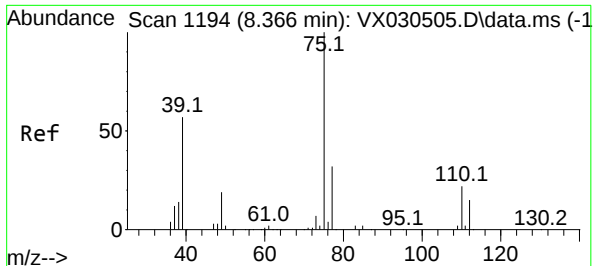
Ion Ratio Lower Upper

83 100

85 66.0 42.5 78.9

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 45.682 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

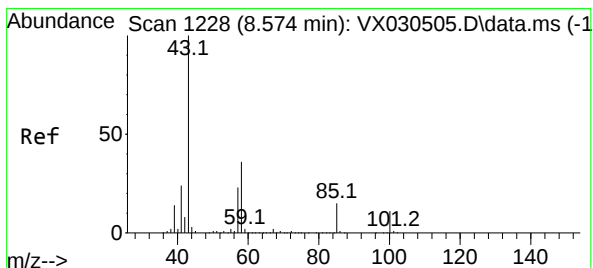
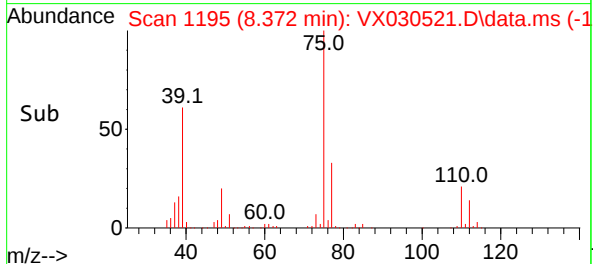
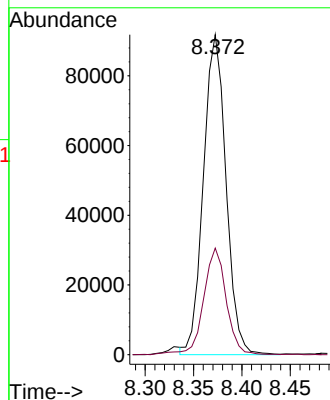
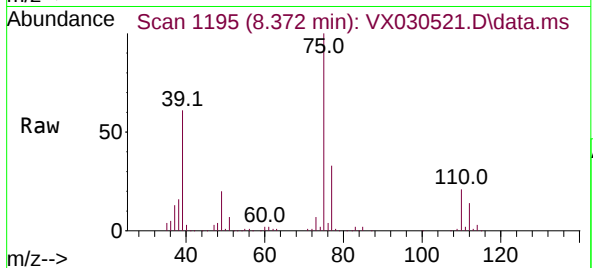
VSTD050772

Tgt Ion: 75 Resp: 149732

Ion Ratio Lower Upper

75 100

77 33.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 112.286 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

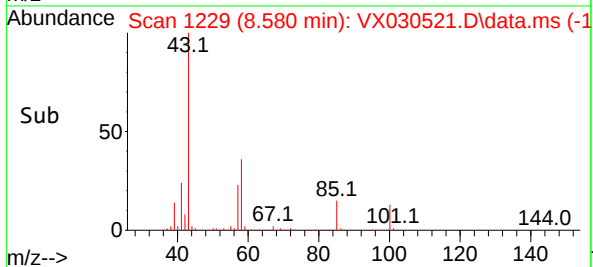
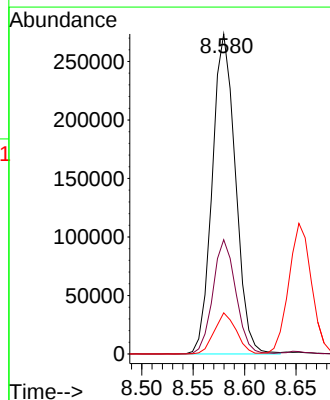
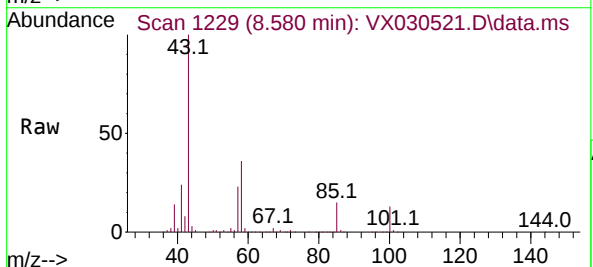
Tgt Ion: 43 Resp: 429642

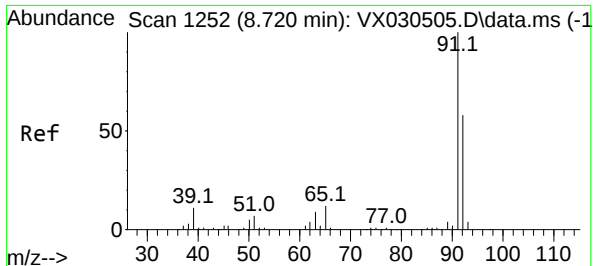
Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.6

100 12.1 10.5 15.7

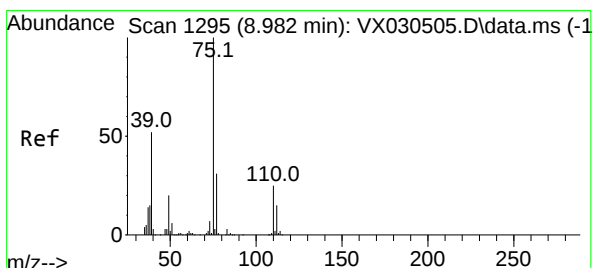
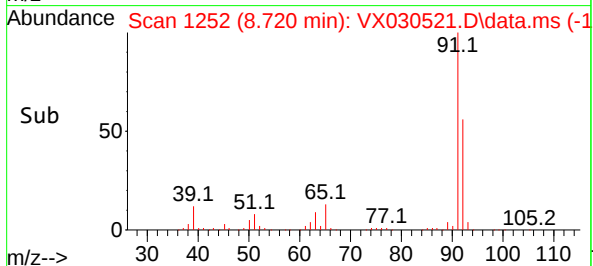
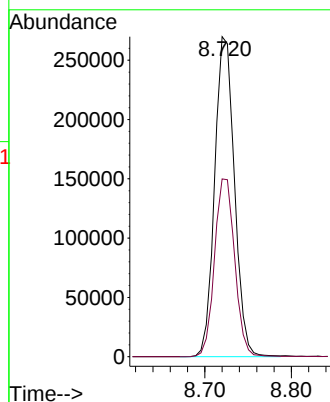
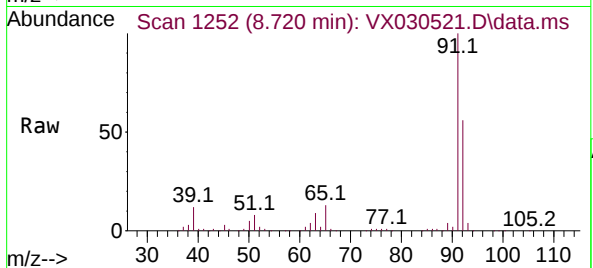




#42
Toluene
Concen: 49.164 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

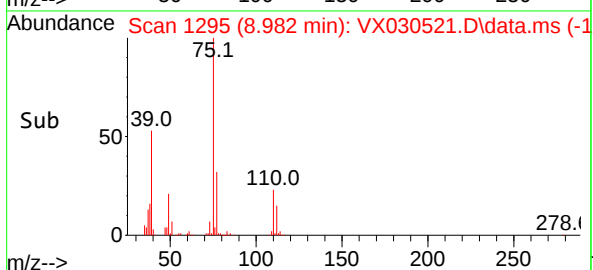
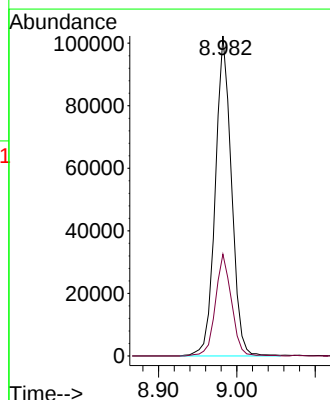
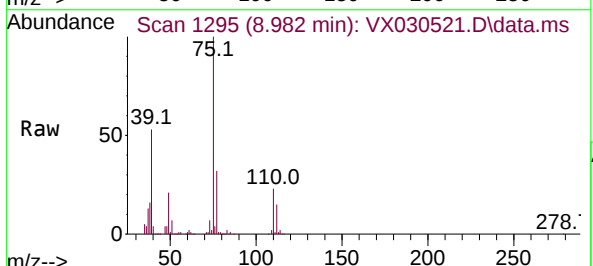
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

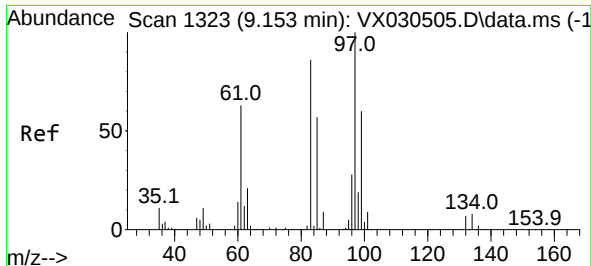
Tgt Ion: 91 Resp: 429197
Ion Ratio Lower Upper
91 100
92 55.6 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 45.766 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 75 Resp: 146822
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.7



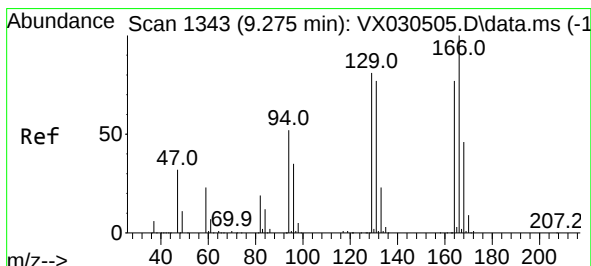
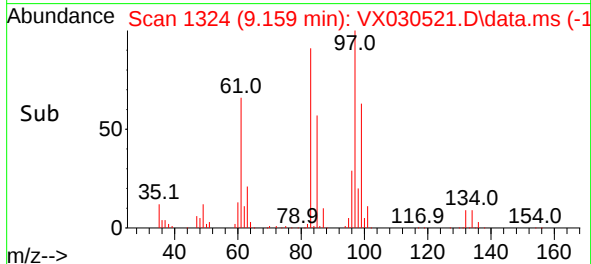
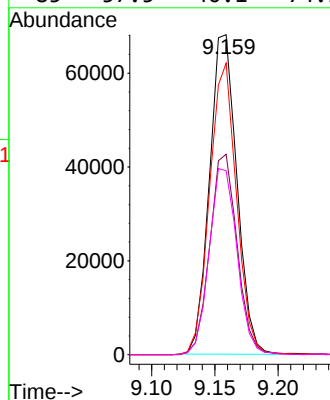
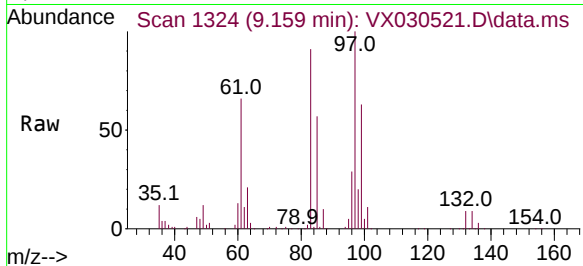


#45
1,1,2-Trichloroethane
Concen: 50.265 ug/L
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

Tgt Ion: 97 Resp: 102697

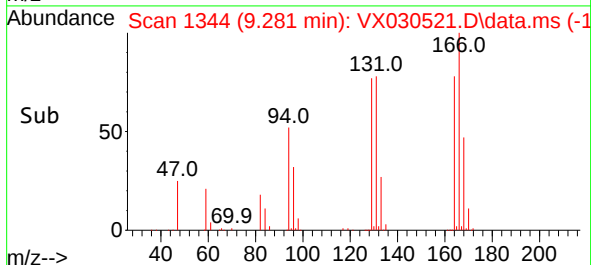
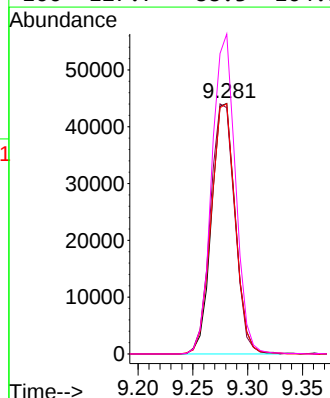
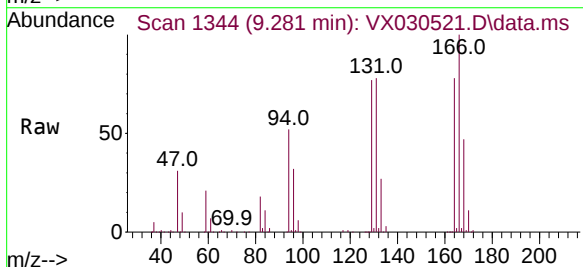
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	91.1	63.0	117.0
85	57.5	40.1	74.5

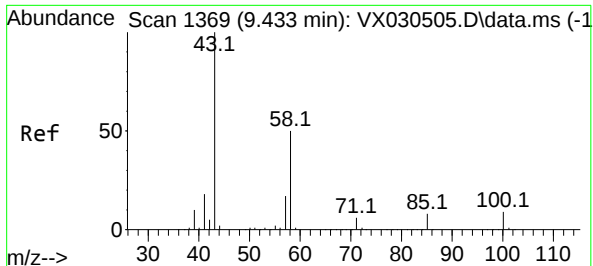


#46
Tetrachloroethene
Concen: 43.684 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 164 Resp: 66077

Ion	Ratio	Lower	Upper
164	100		
129	98.2	72.7	135.1
131	99.9	69.9	129.9
166	127.7	88.3	164.1





#48

2-Hexanone

Concen: 113.218 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

VSTD050772

Tgt Ion: 43 Resp: 336593

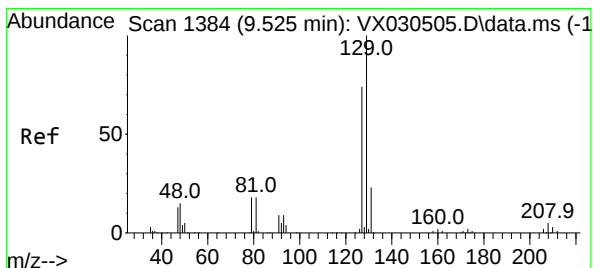
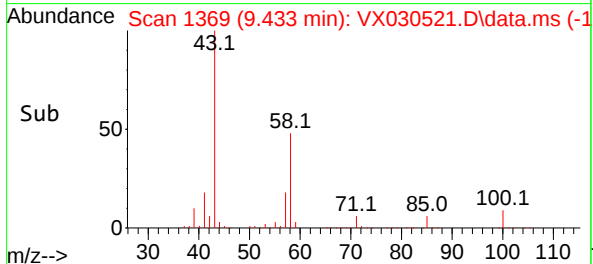
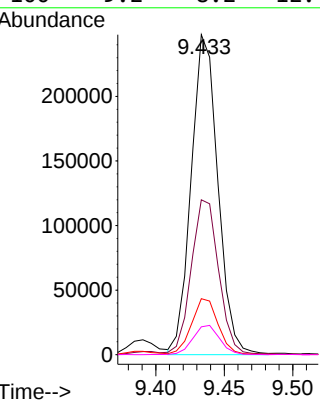
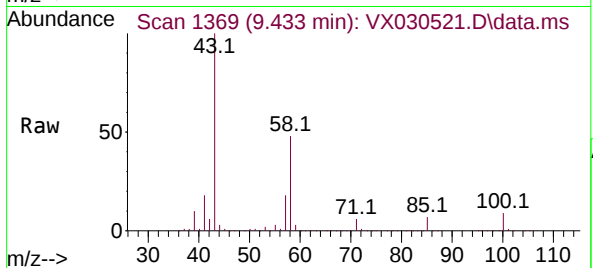
Ion Ratio Lower Upper

43 100

58 49.8 40.4 60.6

57 17.3 14.6 22.0

100 9.2 8.2 12.4



#49

Dibromochloromethane

Concen: 48.705 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030521.D

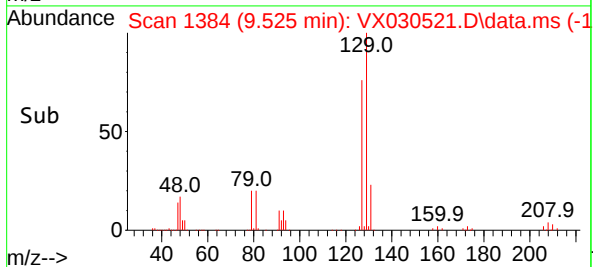
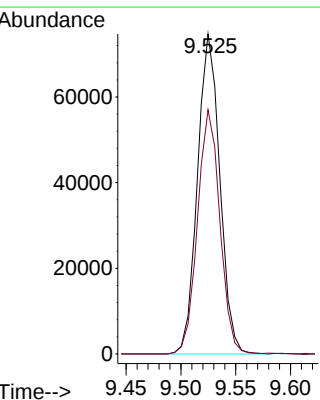
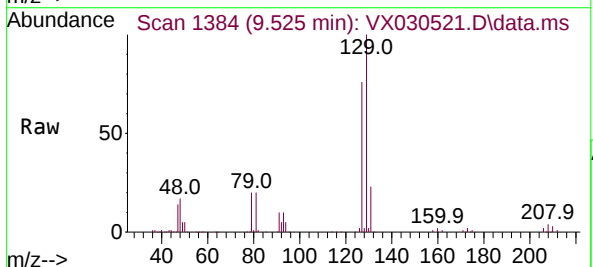
Acq: 08 Aug 2022 18:57

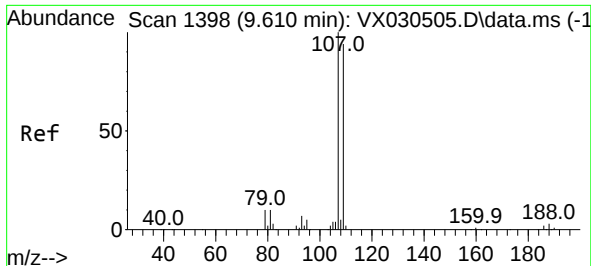
Tgt Ion:129 Resp: 105866

Ion Ratio Lower Upper

129 100

127 76.3 55.6 103.2

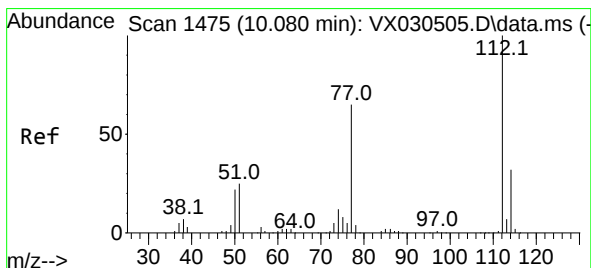
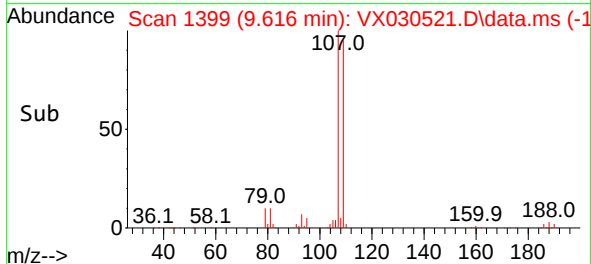
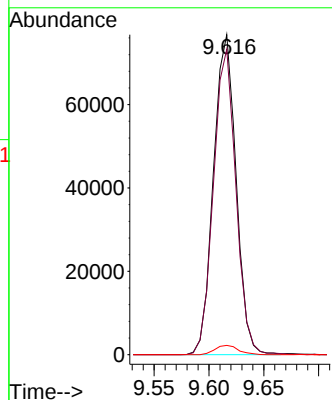
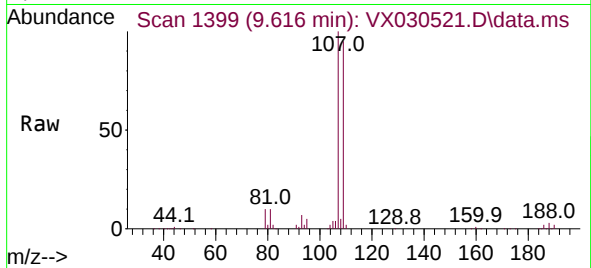




#50
1,2-Dibromoethane
Concen: 48.988 ug/L
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

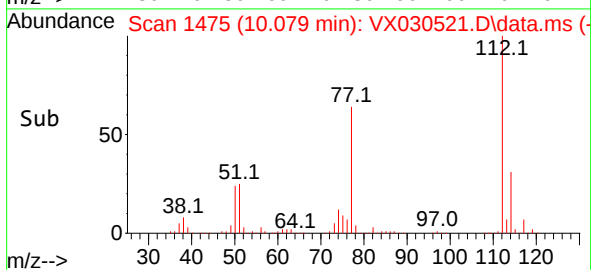
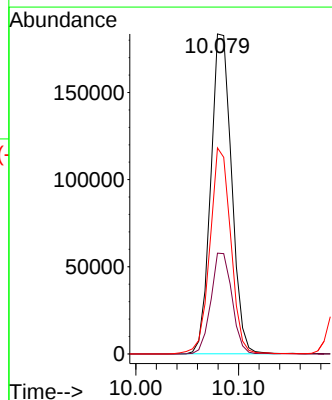
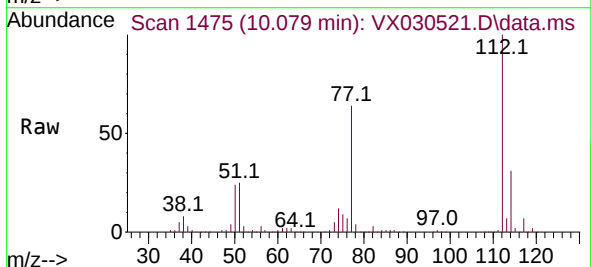
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

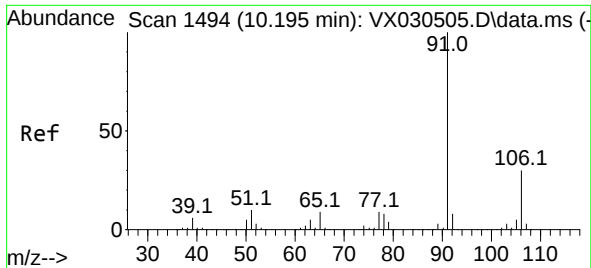
Tgt Ion:107 Resp: 110065
Ion Ratio Lower Upper
107 100
109 95.5 64.8 120.4
188 2.9 2.2 3.2



#51
Chlorobenzene
Concen: 47.529 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion:112 Resp: 258496
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 64.4 50.8 76.2

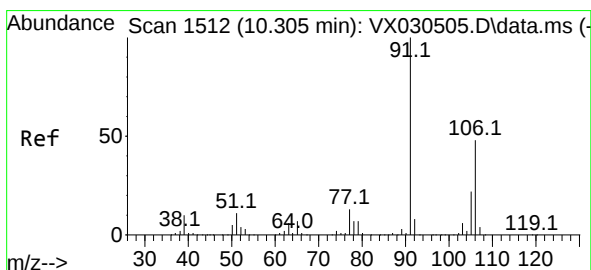
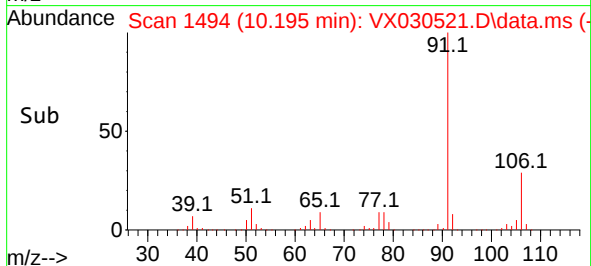
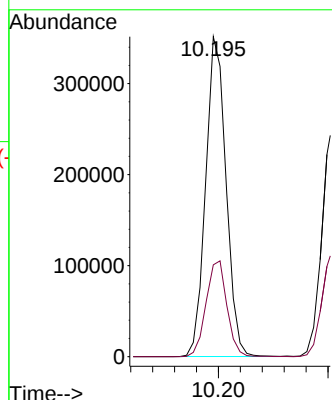
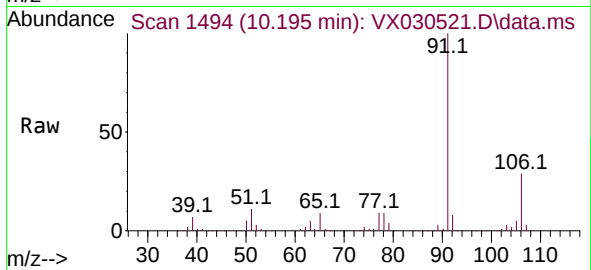




#52
Ethylbenzene
Concen: 47.585 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

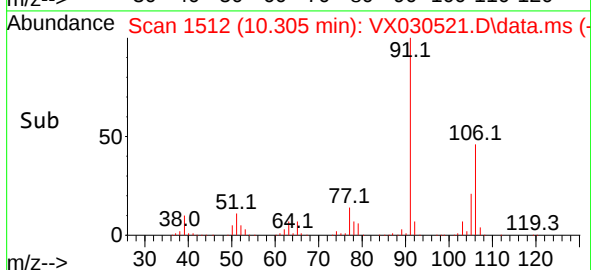
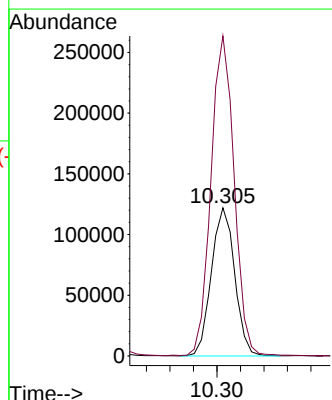
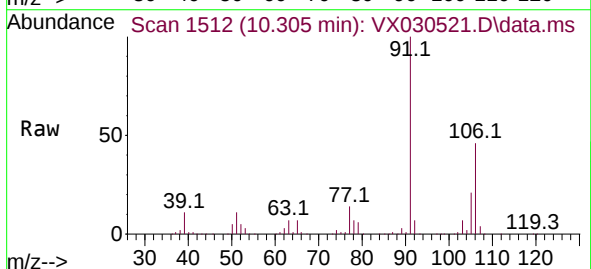
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

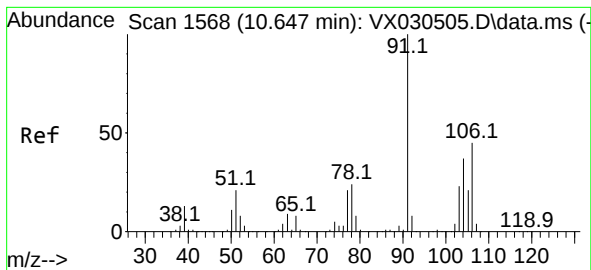
Tgt Ion: 91 Resp: 452946
Ion Ratio Lower Upper
91 100
106 28.7 21.3 39.5



#53
m,p-Xylene
Concen: 47.451 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 106 Resp: 168349
Ion Ratio Lower Upper
106 100
91 215.9 147.8 274.6





#54

o-Xylene

Concen: 47.405 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX030521.D

Acq: 08 Aug 2022 18:57

Instrument :

MSVOA_X

ClientSampleId :

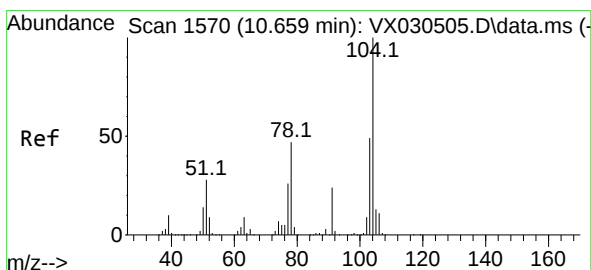
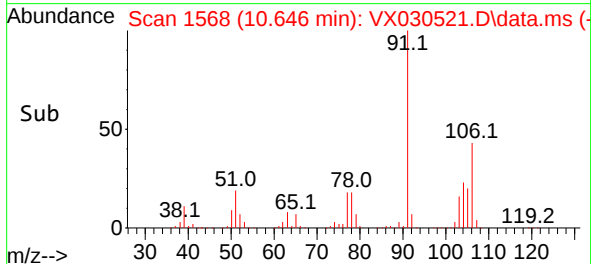
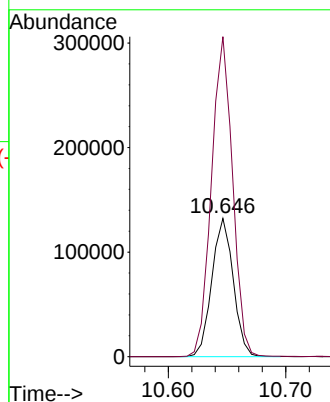
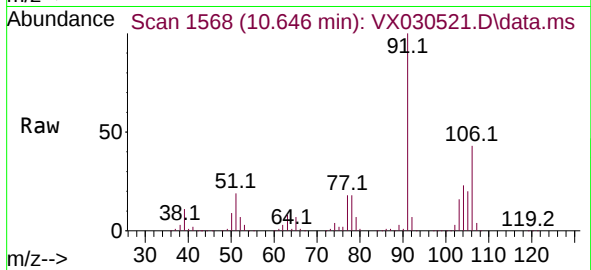
VSTD050772

Tgt Ion:106 Resp: 167592

Ion Ratio Lower Upper

106 100

91 231.3 157.8 293.0



#55

Styrene

Concen: 49.480 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030521.D

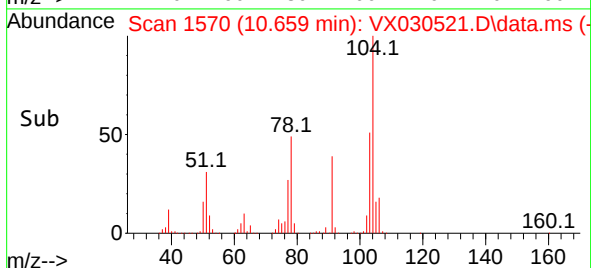
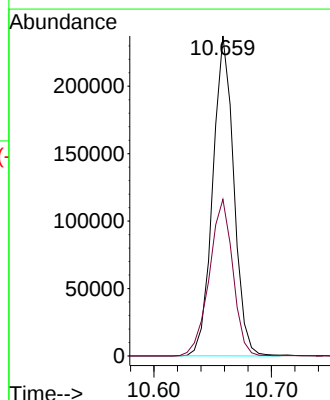
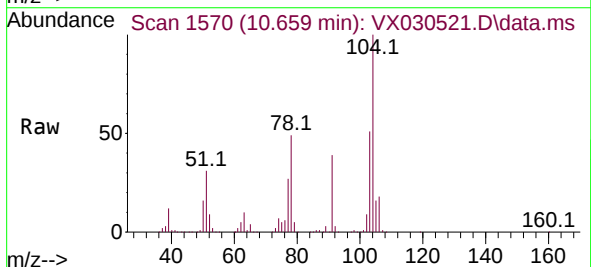
Acq: 08 Aug 2022 18:57

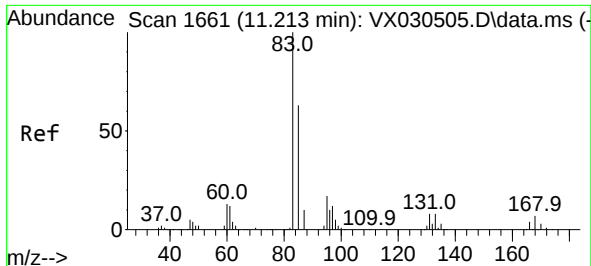
Tgt Ion:104 Resp: 294542

Ion Ratio Lower Upper

104 100

78 49.0 33.2 61.7

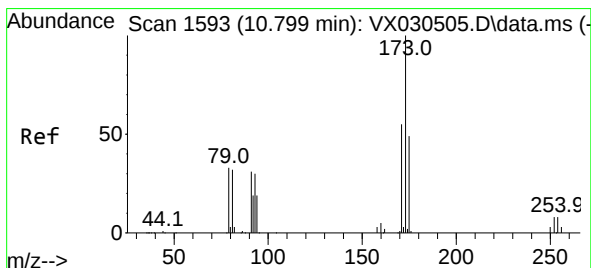
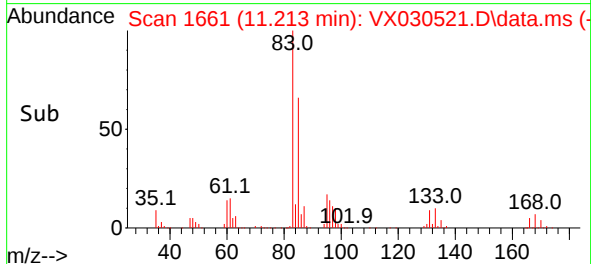
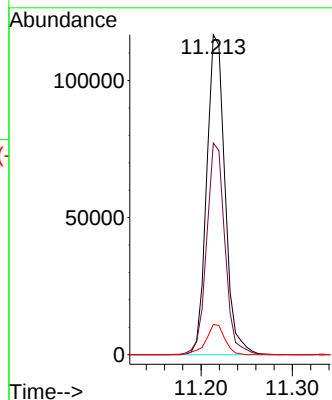
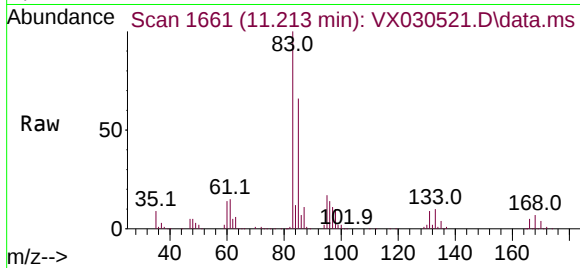




#57
1,1,2,2-Tetrachloroethane
Concen: 51.971 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

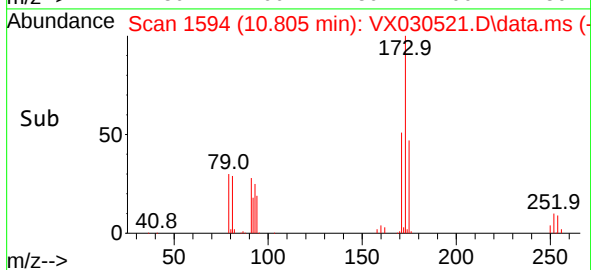
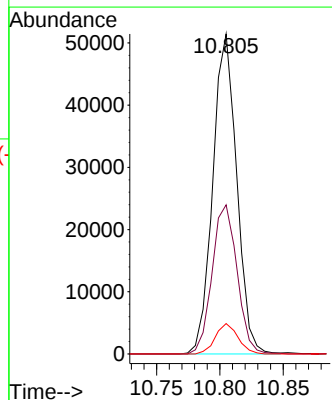
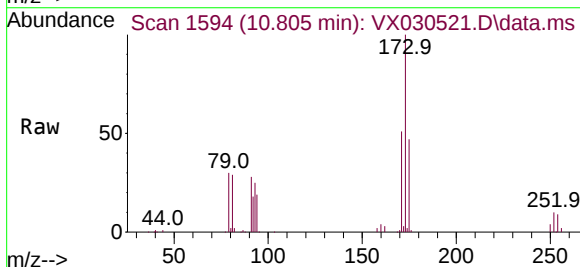
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

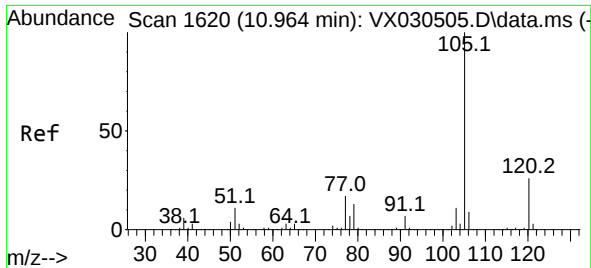
Tgt Ion: 83 Resp: 161562
Ion Ratio Lower Upper
83 100
85 66.1 44.4 82.4
131 9.5 7.5 11.3



#59
Bromoform
Concen: 47.321 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion:173 Resp: 67604
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 9.0 7.0 10.4

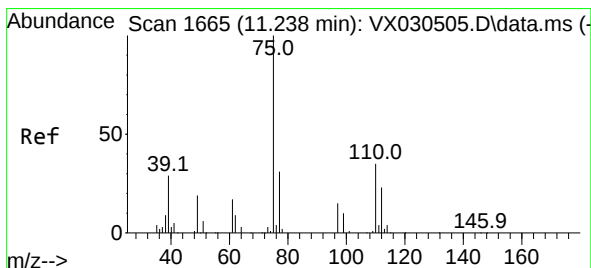
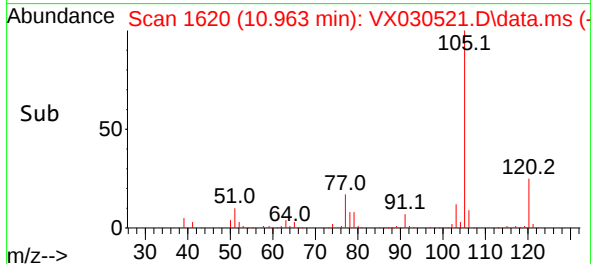
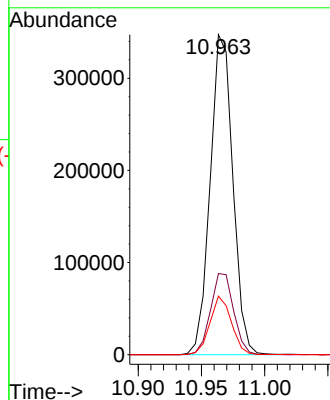
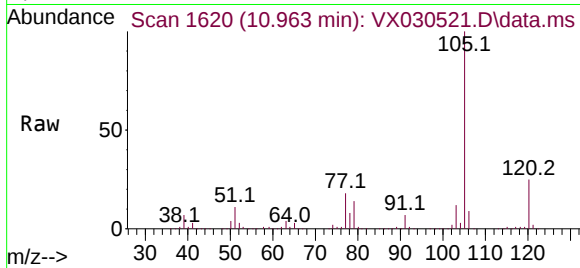




#60
Isopropylbenzene
Concen: 46.533 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

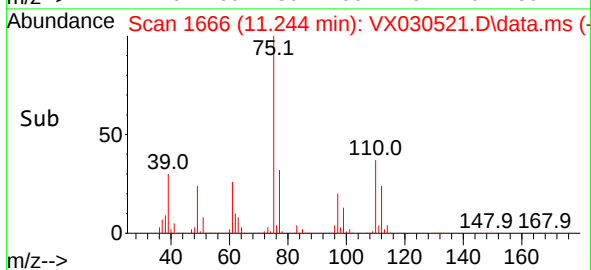
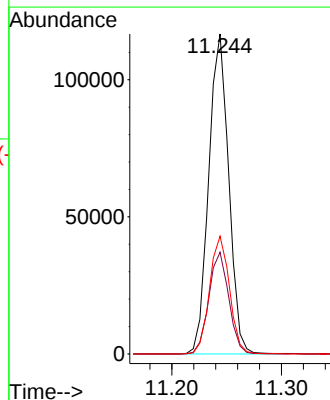
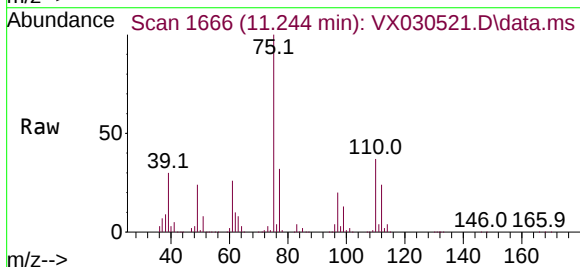
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

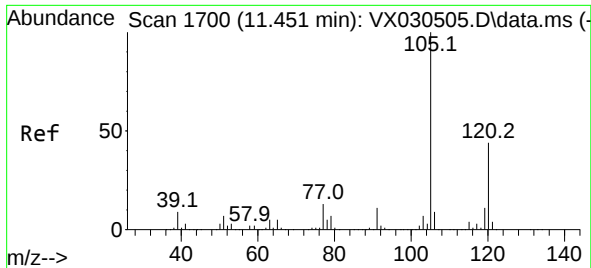
Tgt Ion:105 Resp: 432724
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 17.3 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 52.344 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 75 Resp: 147475
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
110 36.5 30.5 45.7

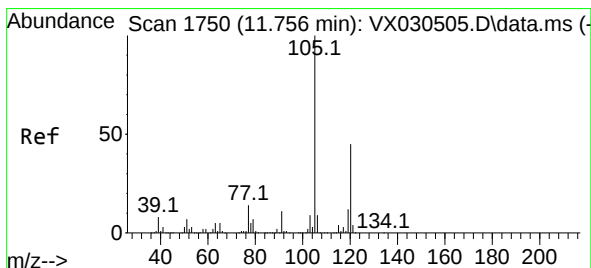
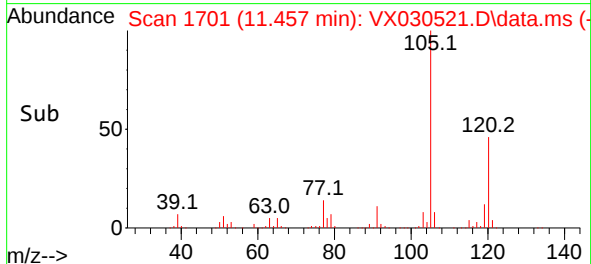
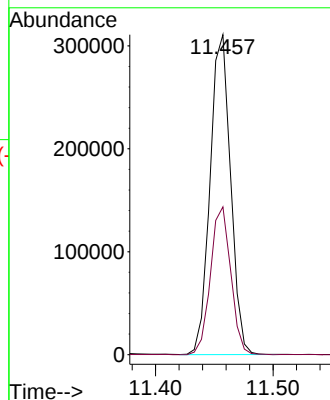
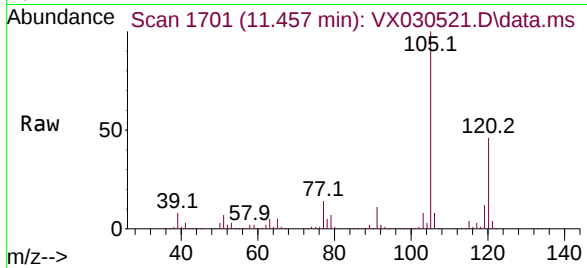




#62
 1,3,5-Trimethylbenzene
 Concen: 47.497 ug/L
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

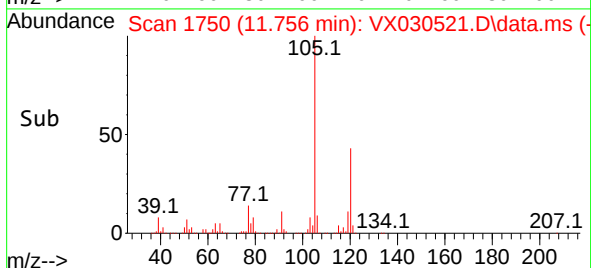
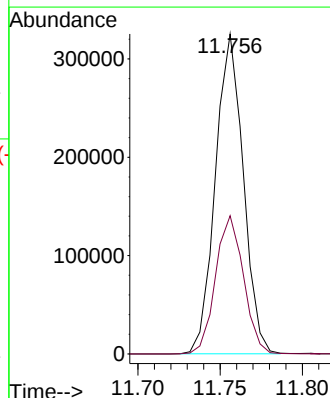
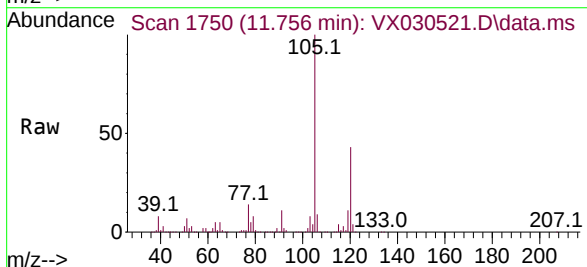
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050772

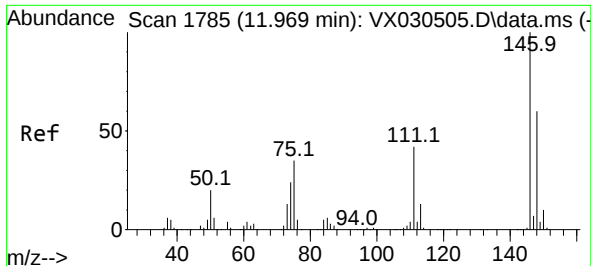
Tgt Ion:105 Resp: 377085
 Ion Ratio Lower Upper
 105 100
 120 45.7 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 47.755 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030521.D
 Acq: 08 Aug 2022 18:57

Tgt Ion:105 Resp: 382881
 Ion Ratio Lower Upper
 105 100
 120 43.2 35.9 53.9

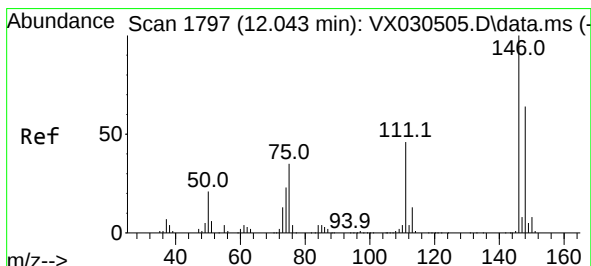
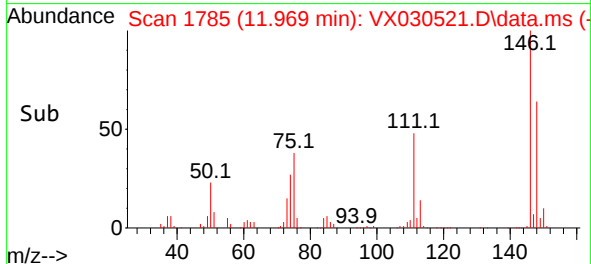
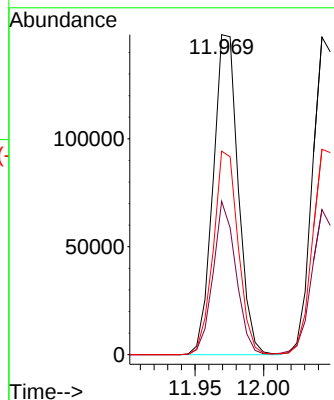
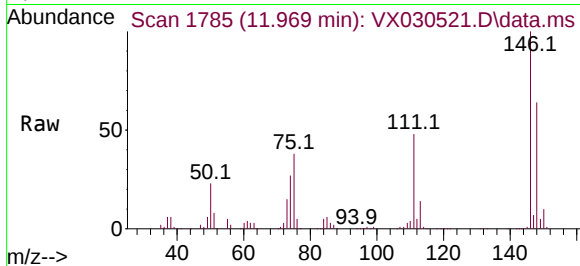




#64
1,3-Dichlorobenzene
Concen: 46.744 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

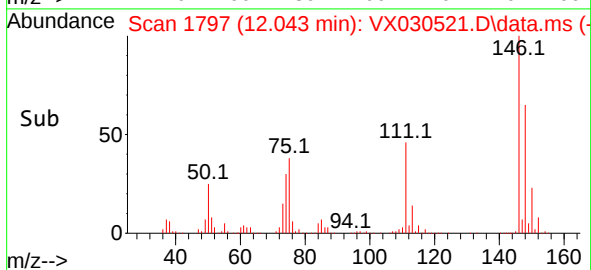
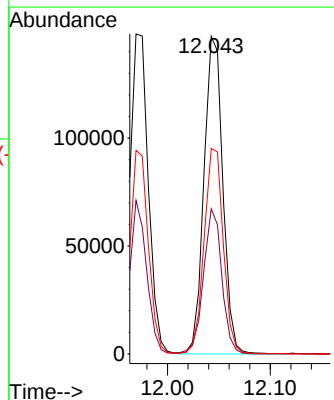
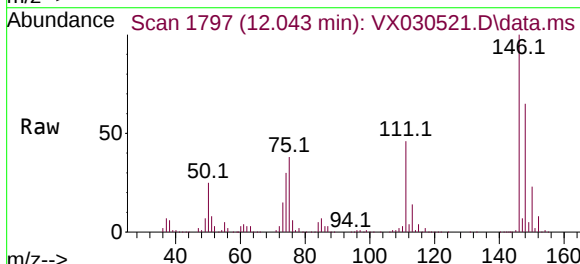
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

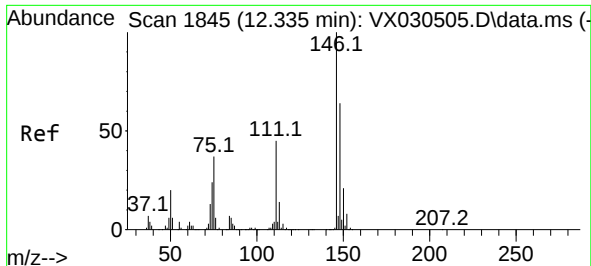
Tgt Ion:146 Resp: 188958
Ion Ratio Lower Upper
146 100
111 48.0 30.9 57.5
148 63.6 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 45.701 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion:146 Resp: 187803
Ion Ratio Lower Upper
146 100
111 45.7 32.6 60.6
148 64.7 48.3 89.7

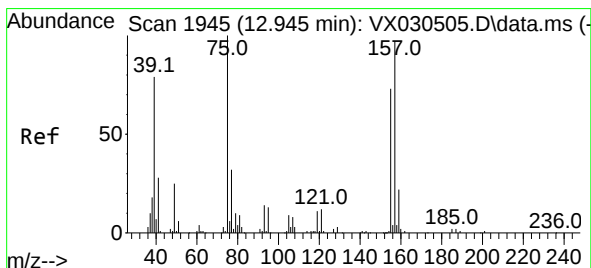
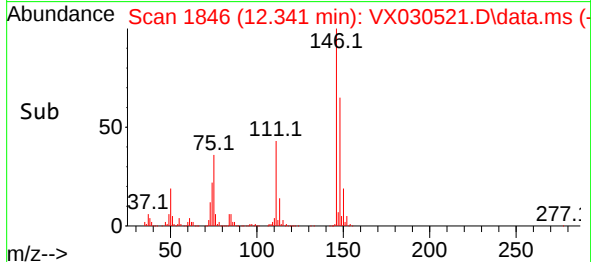
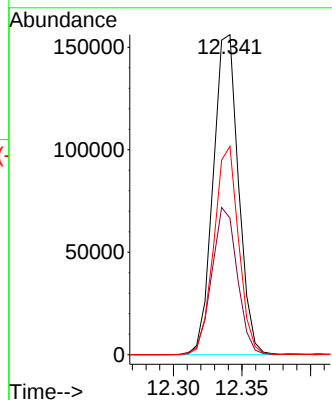
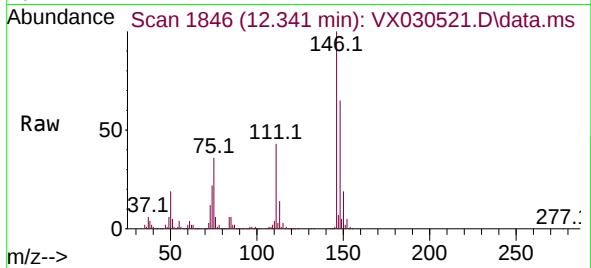




#67
1,2-Dichlorobenzene
Concen: 48.017 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

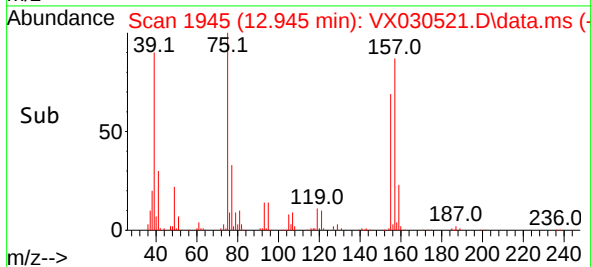
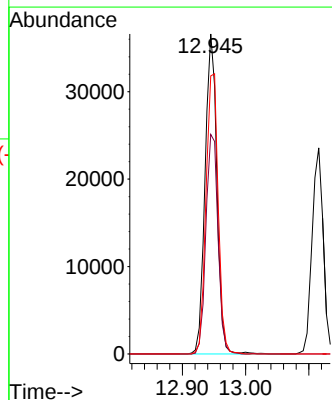
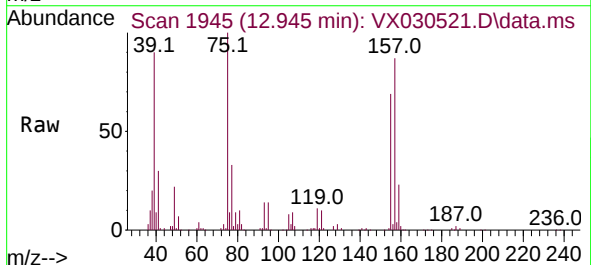
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

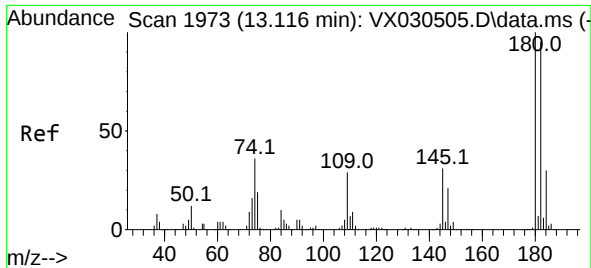
Tgt Ion:146 Resp: 200731
Ion Ratio Lower Upper
146 100
111 42.7 36.9 55.3
148 65.1 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.285 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion: 75 Resp: 47663
Ion Ratio Lower Upper
75 100
155 68.6 57.1 85.7
157 86.9 73.1 109.7

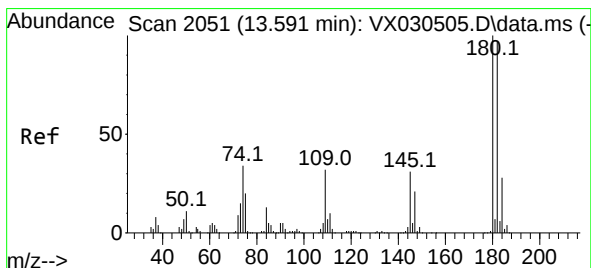
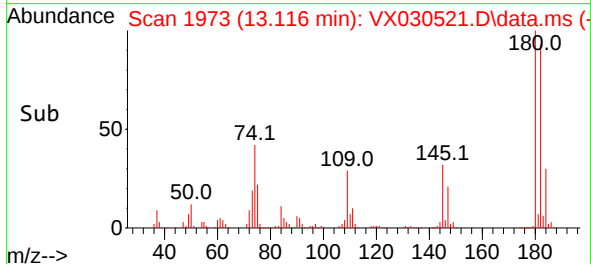
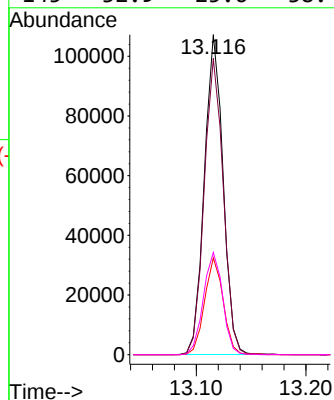
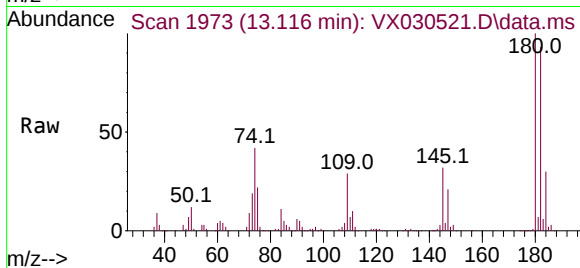




#69
1,3,5-Trichlorobenzene
Concen: 44.791 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

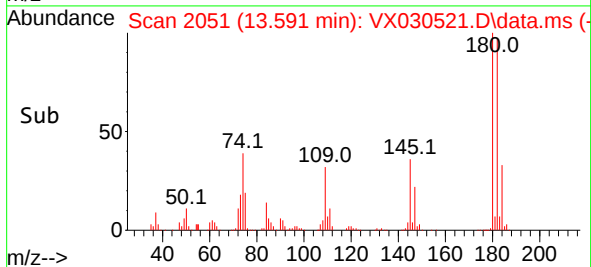
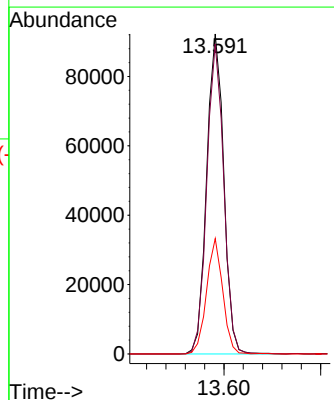
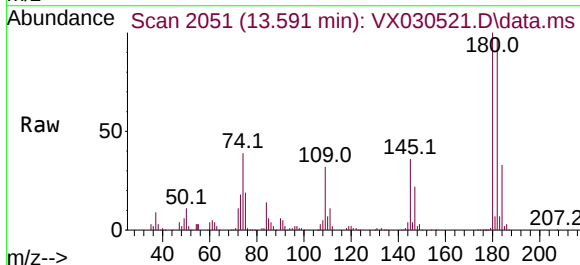
Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

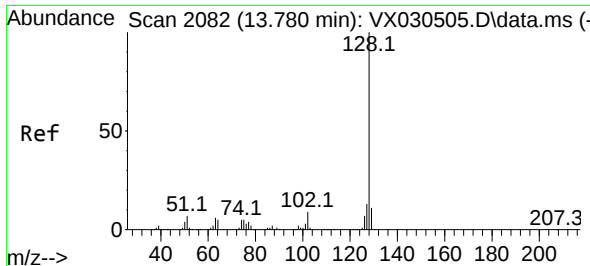
Tgt Ion:180 Resp: 126979
Ion Ratio Lower Upper
180 100
182 94.5 73.7 110.5
184 30.1 24.1 36.1
145 32.9 25.6 38.4



#70
1,2,4-trichlorobenzene
Concen: 45.583 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion:180 Resp: 113489
Ion Ratio Lower Upper
180 100
182 96.1 72.7 109.1
145 34.1 26.6 40.0

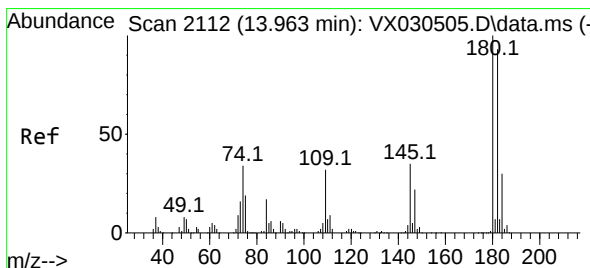
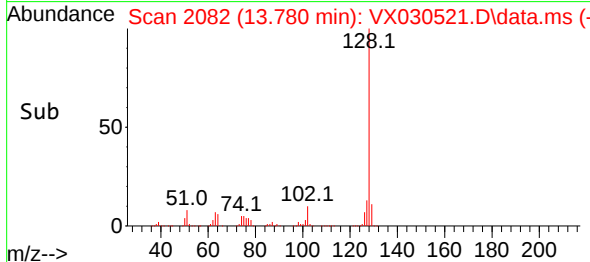
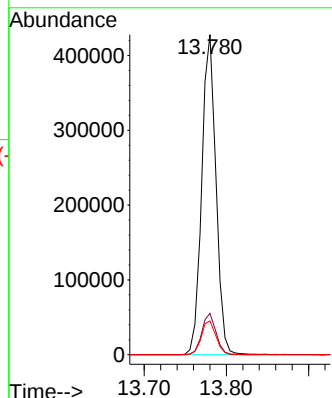
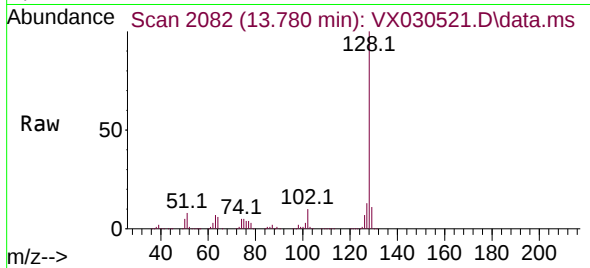




#71
Naphthalene
Concen: 49.853 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Instrument :
MSVOA_X
ClientSampleId :
VSTD050772

Tgt Ion:128 Resp: 513779
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 47.210 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030521.D
Acq: 08 Aug 2022 18:57

Tgt Ion:180 Resp: 124156
Ion Ratio Lower Upper
180 100
182 92.8 74.6 112.0
145 36.3 28.4 42.6

