

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029409.D
 Acq On : 13 Jun 2022 13:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050754

Quant Time: Jun 14 04:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 17:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	371345	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	345182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	177421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	144493	50.255	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.520%
7) Chloroethane-d5	1.666	69	108528	60.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.480%
11) 1,1-Dichloroethene-d2	2.306	63	256347	49.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.980%
21) 2-Butanone-d5	4.458	46	232857	106.818	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	5.062	84	278149	50.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.340%
26) 1,2-Dichloroethane-d4	5.958	65	178197	50.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
32) Benzene-d6	5.976	84	541208	50.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	7.311	67	159951	50.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.300%
41) Toluene-d8	8.653	98	505674	49.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.500%
43) trans-1,3-Dichloroprop...	8.951	79	69215	44.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.900%
47) 2-Hexanone-d5	9.384	63	184169	107.822	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.820%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	243908	52.673	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.340%
66) 1,2-Dichlorobenzene-d4	12.323	152	191608	51.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	164609	46.199	ug/L	100
3) Chloromethane	1.288	50	154737	46.306	ug/L	98
5) Vinyl chloride	1.373	62	151371	46.798	ug/L	100
6) Bromomethane	1.611	94	67474	44.459	ug/L	99
8) Chloroethane	1.684	64	90800	54.747	ug/L	95
9) Trichlorofluoromethane	1.886	101	212325	45.907	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	123000	45.167	ug/L	99
12) 1,1-Dichloroethene	2.318	96	117441	46.642	ug/L	84
13) Acetone	2.386	43	135048	92.950	ug/L	97
14) Carbon disulfide	2.514	76	324853	47.047	ug/L	98
15) Methyl Acetate	2.703	43	148334	51.465	ug/L	92
16) Methylene chloride	2.788	84	134955	48.365	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	128028	47.478	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	449137	49.725	ug/L	97
19) 1,1-Dichloroethane	3.611	63	229805	48.247	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	146820	48.172	ug/L	99
22) 2-Butanone	4.562	43	217678	99.524	ug/L	94
23) Bromochloromethane	4.903	128	74186	49.180	ug/L	94
25) Chloroform	5.092	83	253438	48.117	ug/L	99

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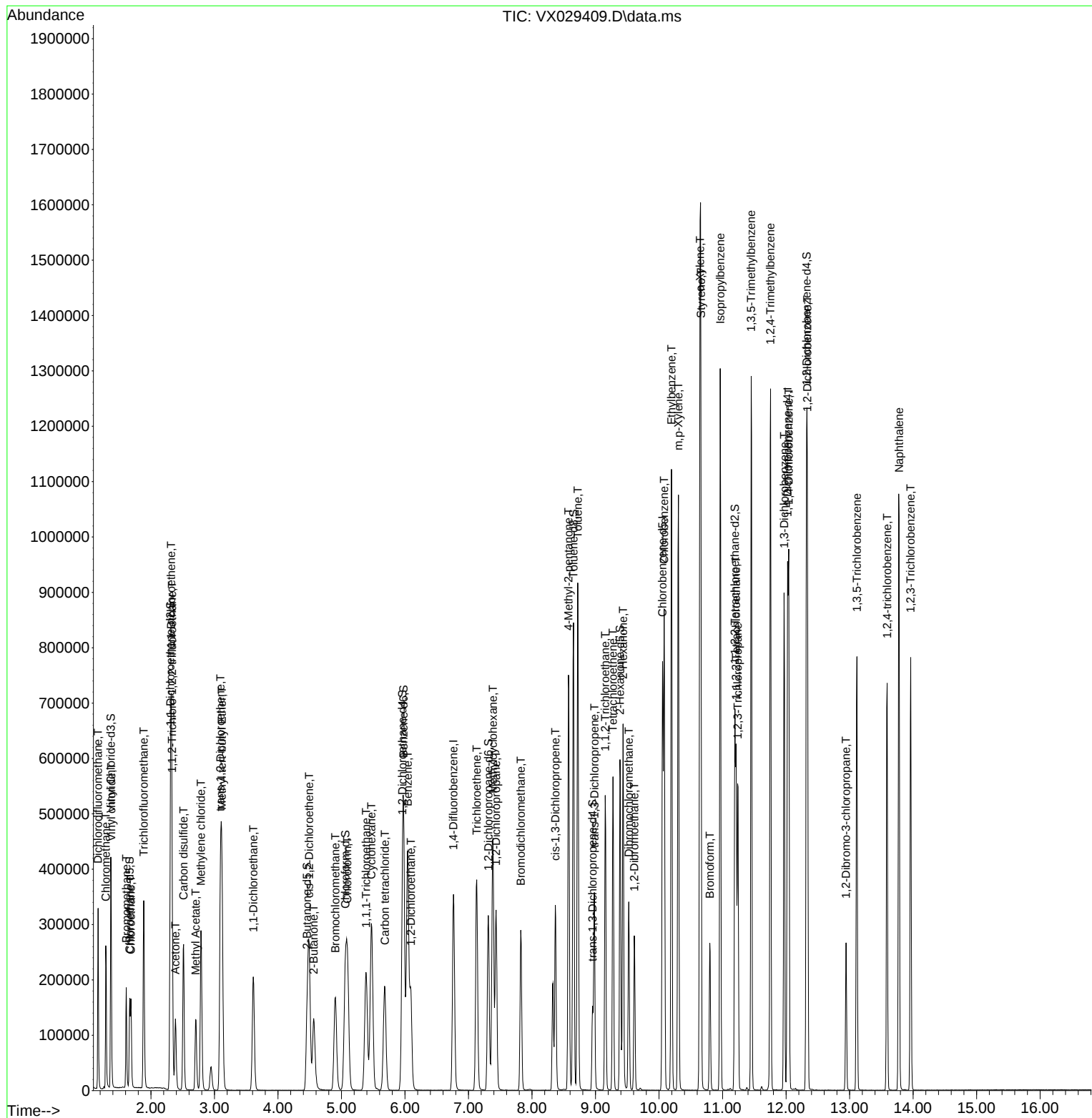
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	198444	49.311	ug/L	100
29) Cyclohexane	5.470	56	214708	46.601	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	222077	46.389	ug/L	97
31) Carbon tetrachloride	5.684	117	177338	46.149	ug/L	99
33) Benzene	6.043	78	544030	48.197	ug/L	100
34) Trichloroethene	7.129	95	153202	38.510	ug/L	98
35) Methylcyclohexane	7.385	83	221048	44.014	ug/L	98
37) 1,2-Dichloropropane	7.433	63	134908	49.024	ug/L	99
38) Bromodichloromethane	7.824	83	189444	48.365	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	183163	41.645	ug/L	95
40) 4-Methyl-2-pentanone	8.573	43	420166	102.144	ug/L #	93
42) Toluene	8.720	91	593848	48.279	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	173149	41.970	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	142560	49.046	ug/L	98
46) Tetrachloroethene	9.275	164	101841	44.597	ug/L	96
48) 2-Hexanone	9.433	43	328576	103.120	ug/L	94
49) Dibromochloromethane	9.524	129	146913	48.478	ug/L	99
50) 1,2-Dibromoethane	9.610	107	155482	50.124	ug/L	100
51) Chlorobenzene	10.079	112	376747	48.250	ug/L	97
52) Ethylbenzene	10.195	91	651929	48.429	ug/L	100
53) m,p-Xylene	10.305	106	253627	47.998	ug/L	97
54) o-Xylene	10.646	106	254506	48.834	ug/L	98
55) Styrene	10.658	104	438124	50.004	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	230852	51.249	ug/L	99
59) Bromoform	10.799	173	98100	49.659	ug/L	99
60) Isopropylbenzene	10.963	105	663559	47.883	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	187636	50.564	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	570900	48.237	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	575013	48.932	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	281000	48.949	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	285303	49.231	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	285857	49.370	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	52231	51.176	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	186015	47.351	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	175936	49.727	ug/L	99
71) Naphthalene	13.780	128	684857	52.559	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	176299	49.327	ug/L	98

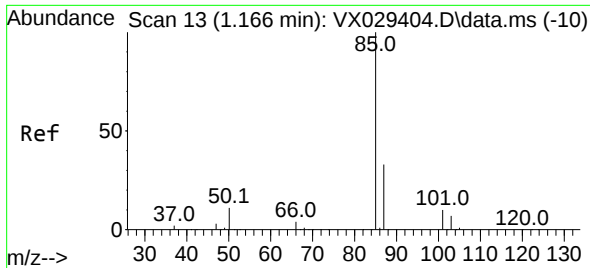
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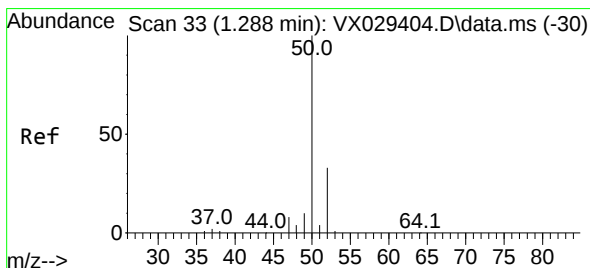
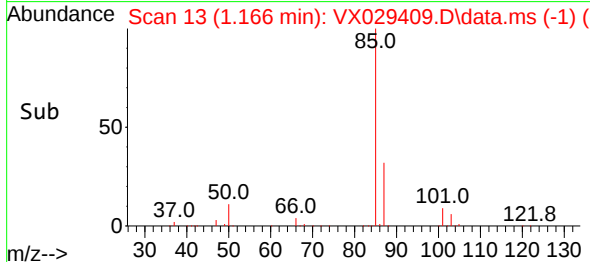
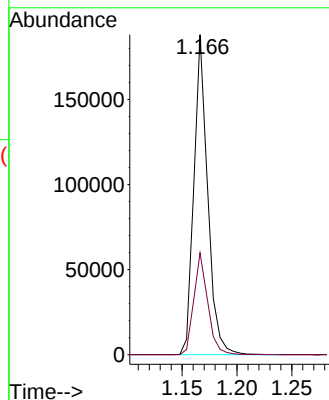
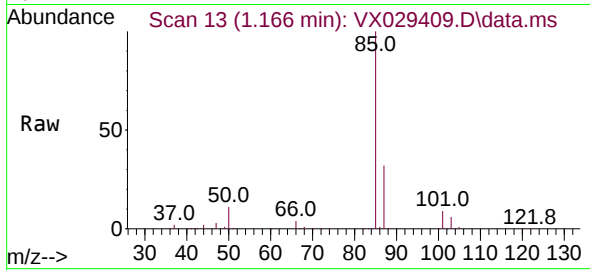




#2
 Dichlorodifluoromethane
 Concen: 46.199 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

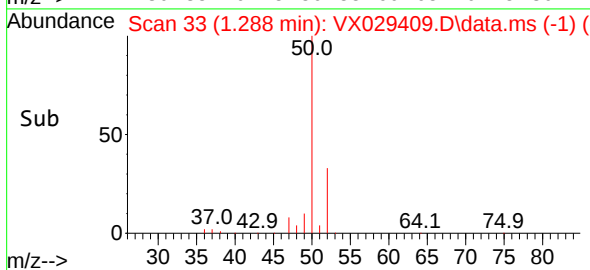
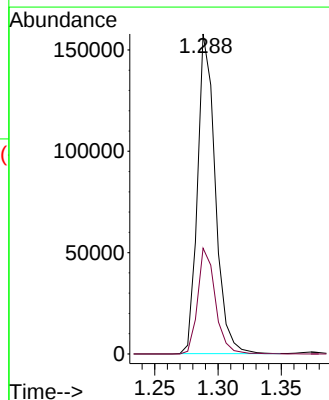
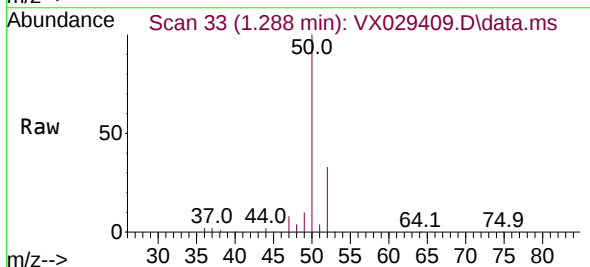
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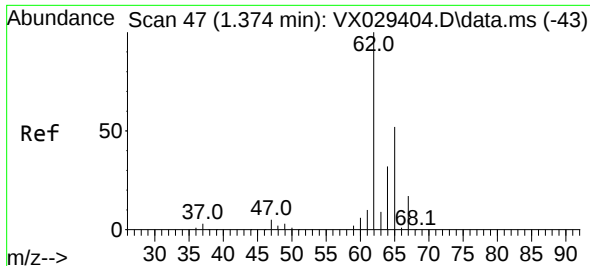
Tgt Ion: 85 Resp: 164609
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 46.306 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

Tgt Ion: 50 Resp: 154737
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.7

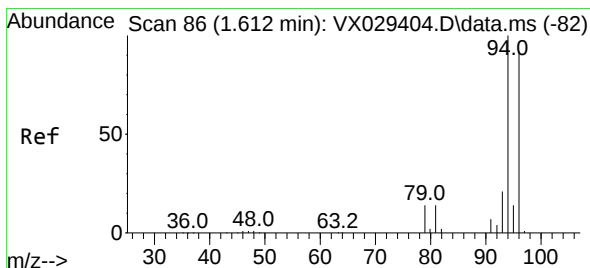
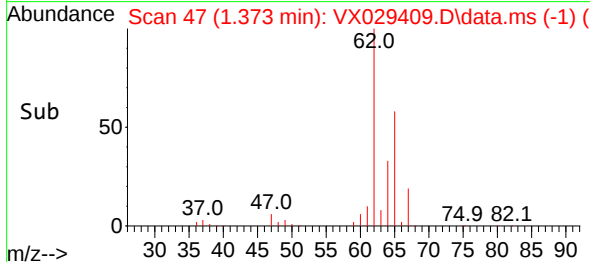
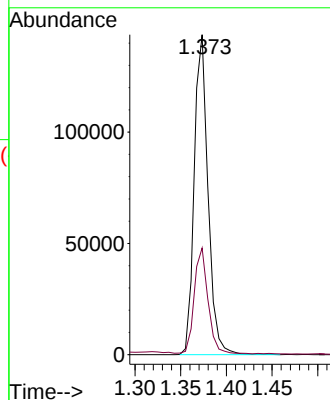
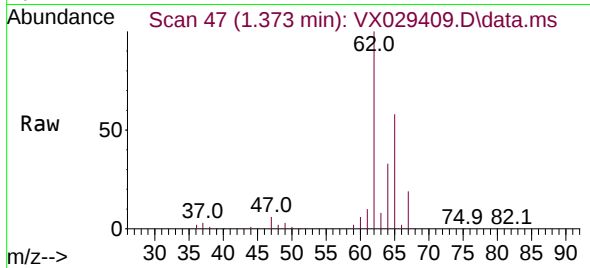




#5
 Vinyl chloride
 Concen: 46.798 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

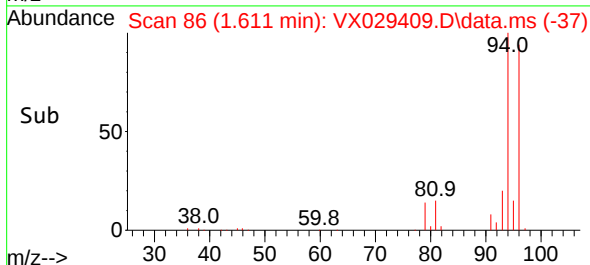
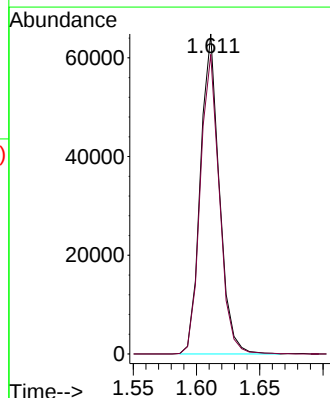
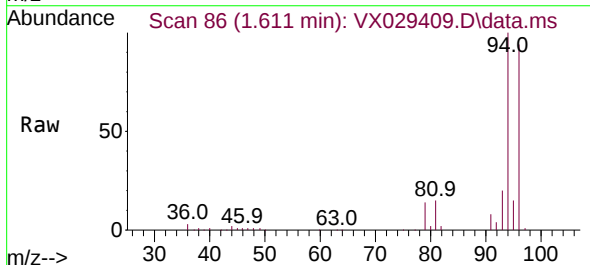
Instrument :
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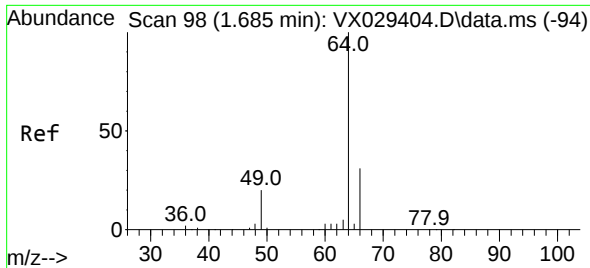
Tgt Ion: 62 Resp: 151371
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 44.459 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

Tgt Ion: 94 Resp: 67474
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.9 120.5

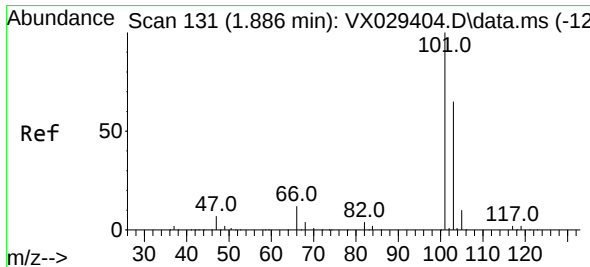
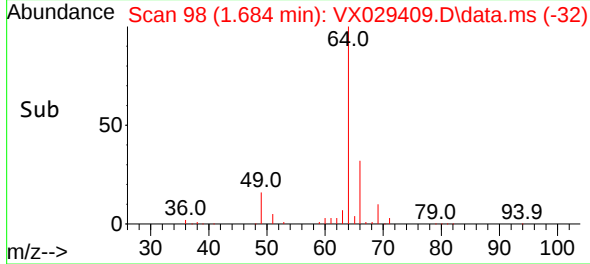
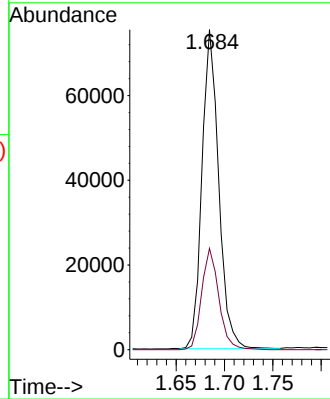
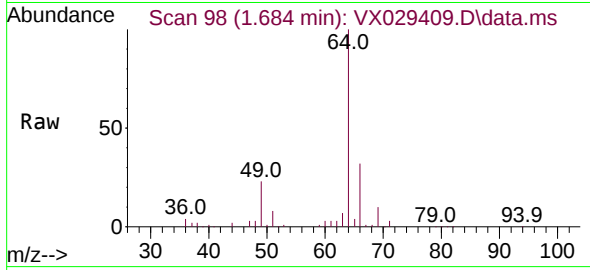




#8
Chloroethane
Concen: 54.747 ug/L
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

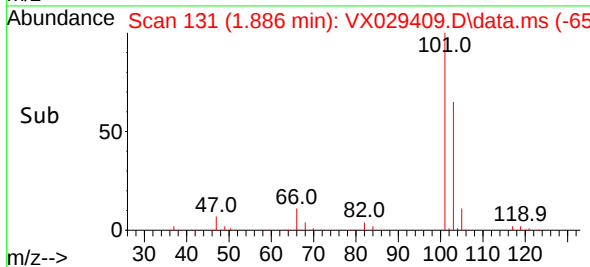
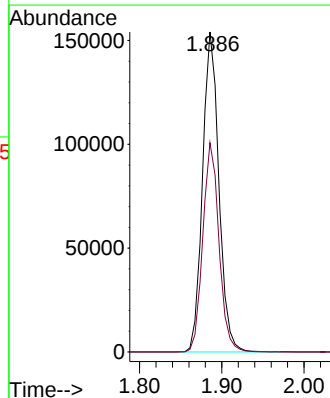
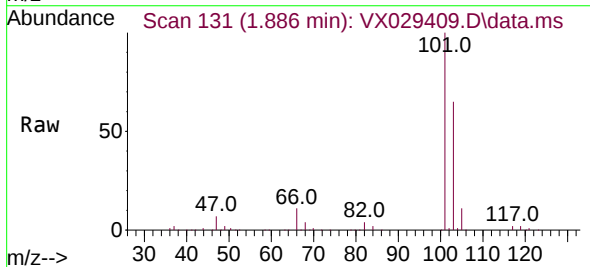
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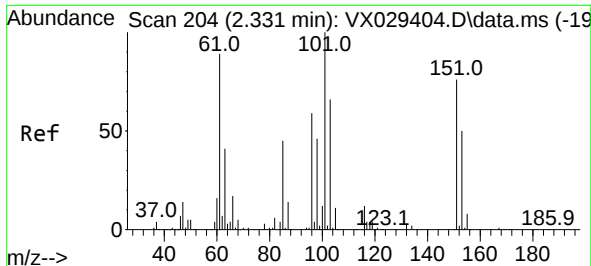
Tgt Ion: 64 Resp: 90800
Ion Ratio Lower Upper
64 100
66 31.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 45.907 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion:101 Resp: 212325
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

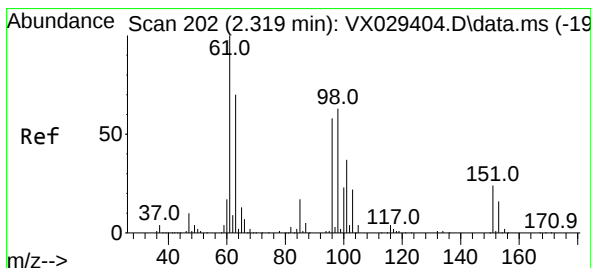
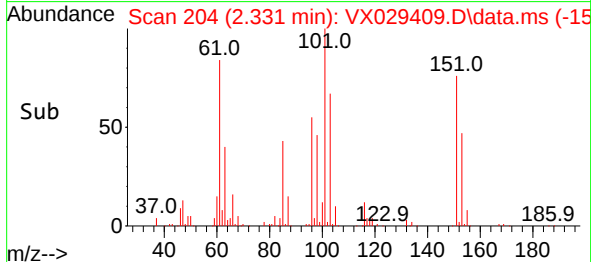
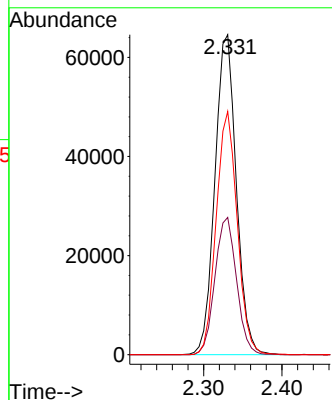
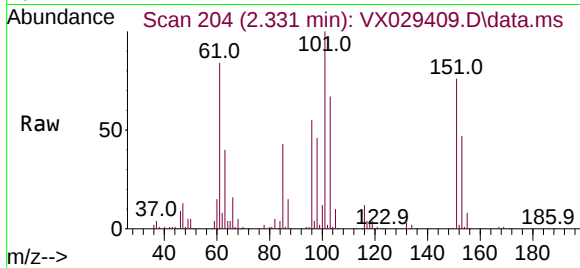




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.167 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

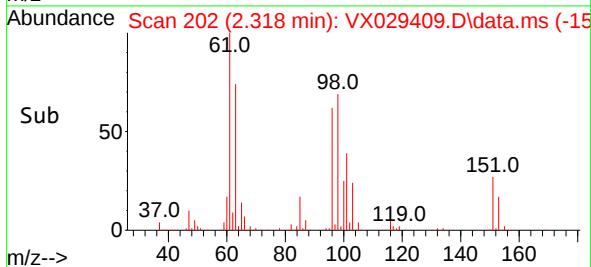
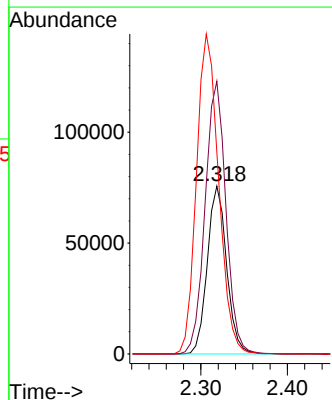
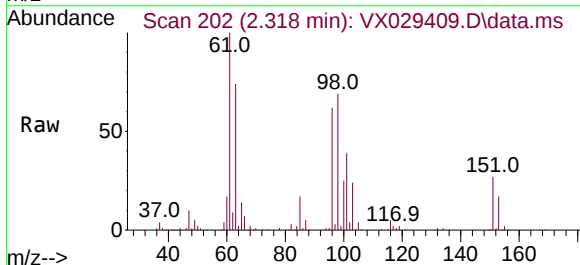
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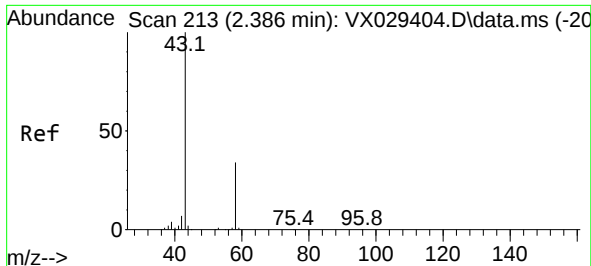
Tgt Ion:101 Resp: 123000
 Ion Ratio Lower Upper
 101 100
 85 43.2 33.9 50.9
 151 74.5 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 46.642 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX029409.D
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Tgt Ion: 96 Resp: 117441
 Ion Ratio Lower Upper
 96 100
 61 162.4 118.2 219.4
 63 120.2 109.6 203.4

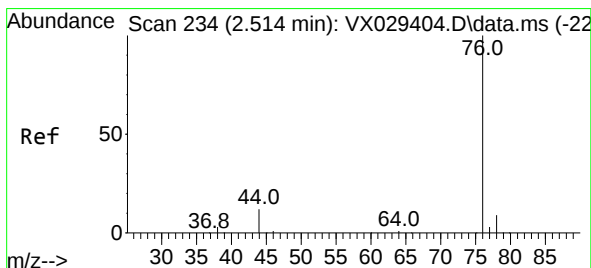
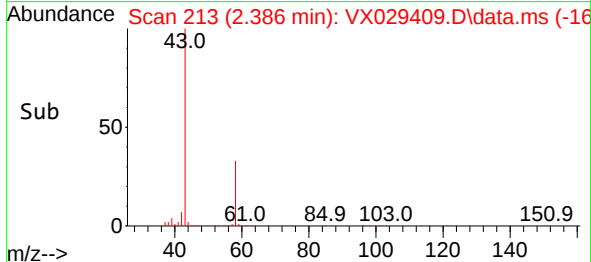
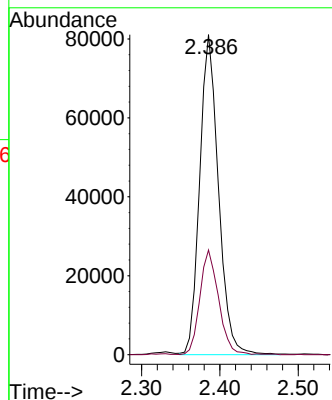
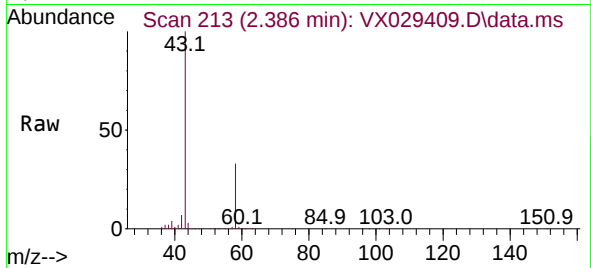




#13
Acetone
Concen: 92.950 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029409.D
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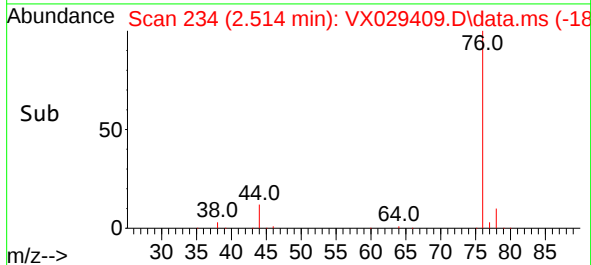
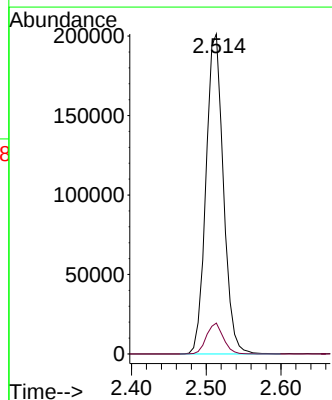
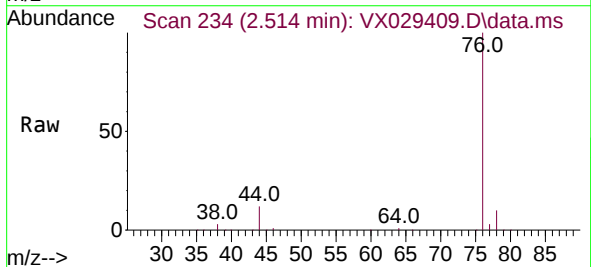
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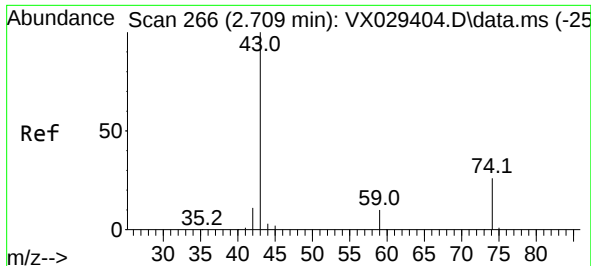
Tgt Ion: 43 Resp: 135048
Ion Ratio Lower Upper
43 100
58 32.3 0.0 61.4



#14
Carbon disulfide
Concen: 47.047 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 324853
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

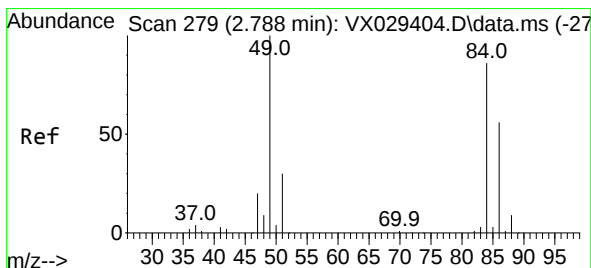
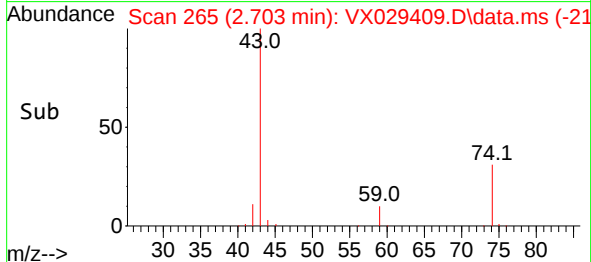
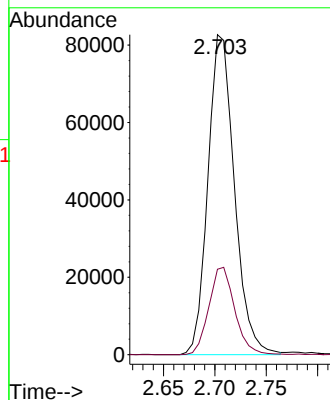
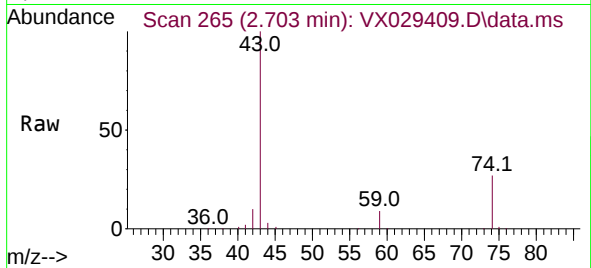




#15
Methyl Acetate
Concen: 51.465 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

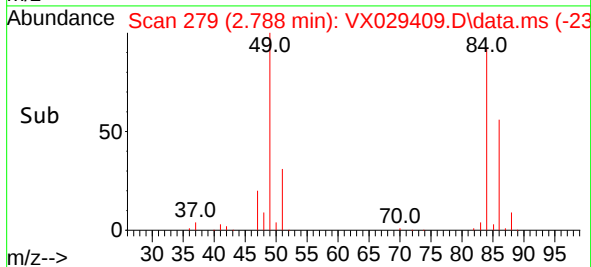
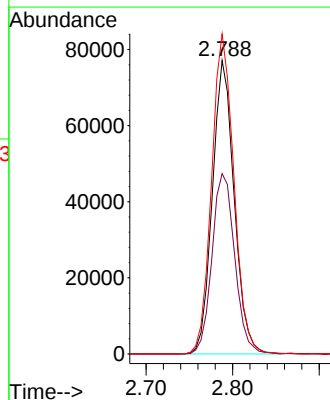
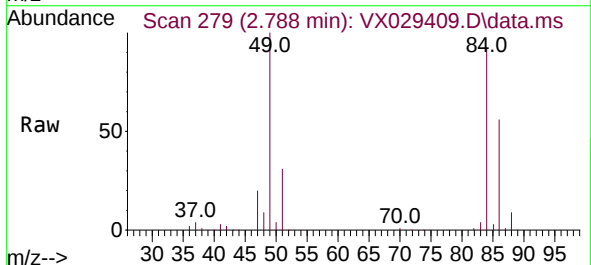
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

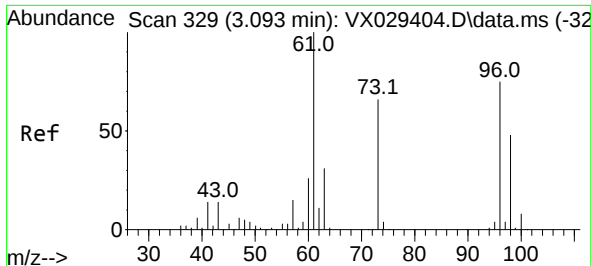
Tgt Ion: 43 Resp: 148334
Ion Ratio Lower Upper
43 100
74 26.7 18.2 27.4



#16
Methylene chloride
Concen: 48.365 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 84 Resp: 134955
Ion Ratio Lower Upper
84 100
86 61.5 44.8 83.2
49 109.1 87.0 161.6

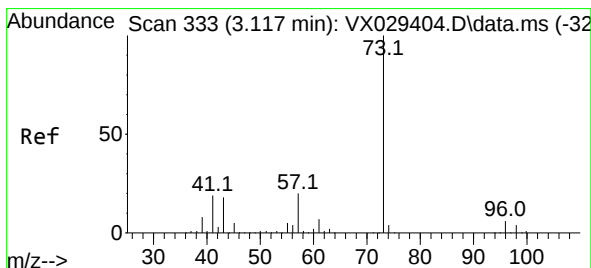
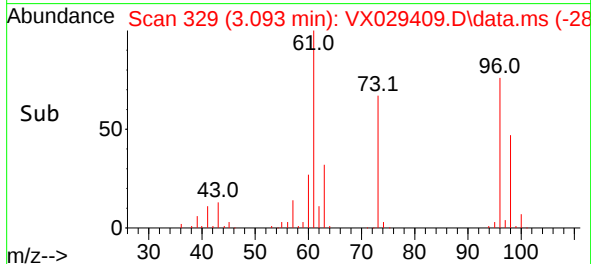
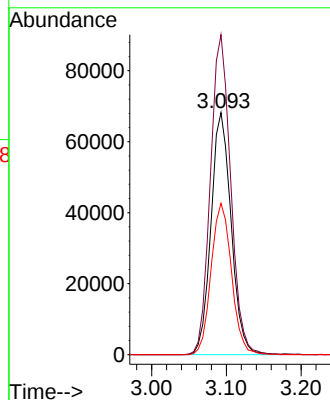
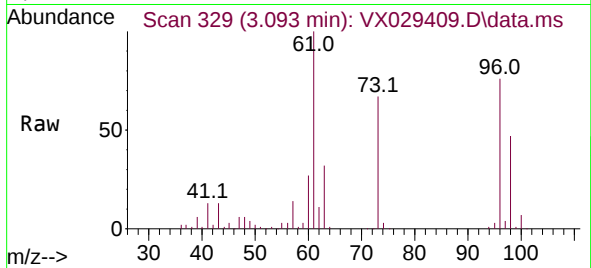




#17
trans-1,2-Dichloroethene
Concen: 47.478 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

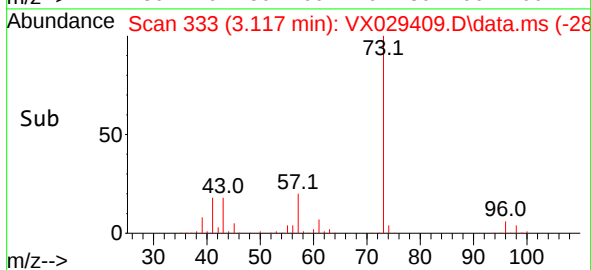
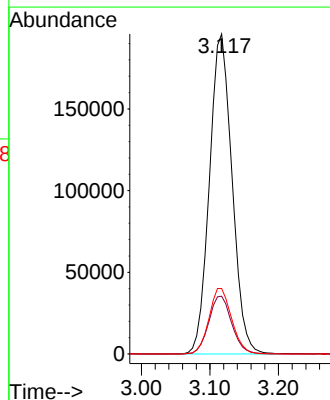
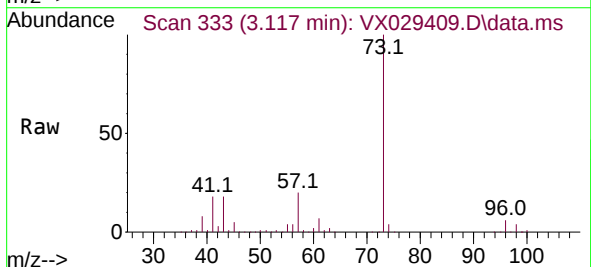
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

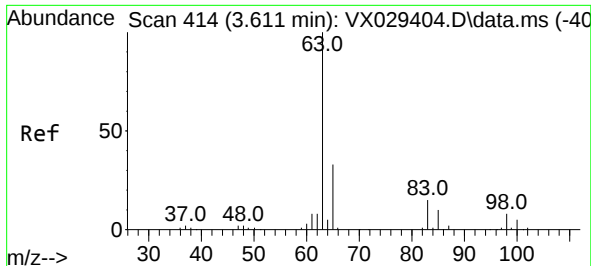
Tgt Ion: 96 Resp: 128028
Ion Ratio Lower Upper
96 100
61 132.2 93.0 172.6
98 62.5 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 49.725 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 73 Resp: 449137
Ion Ratio Lower Upper
73 100
43 18.4 16.2 24.4
57 20.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.247 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050754

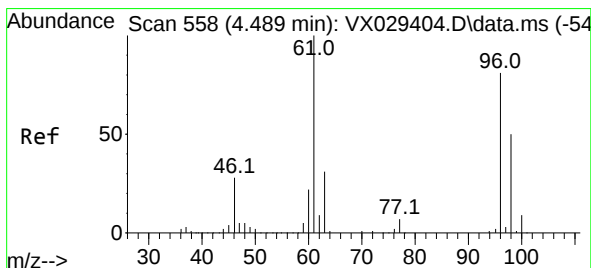
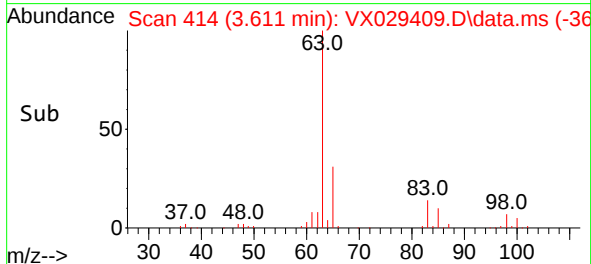
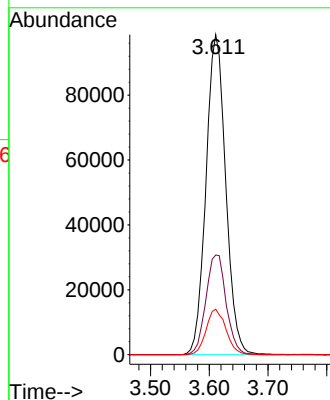
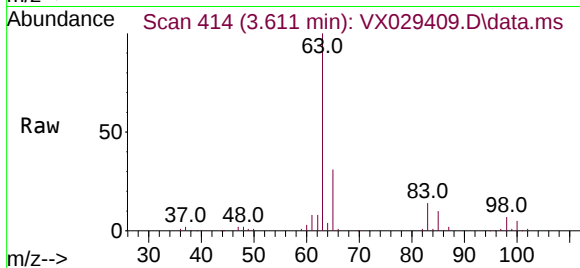
Tgt Ion: 63 Resp: 229805

Ion Ratio Lower Upper

63 100

65 31.1 22.9 42.5

83 14.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 48.172 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

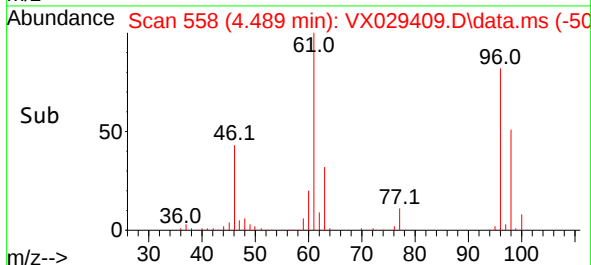
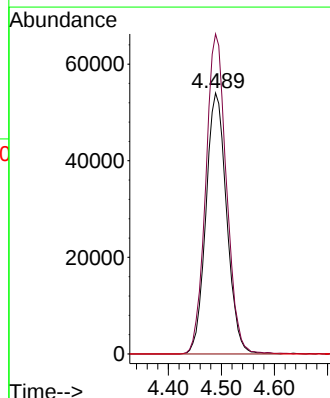
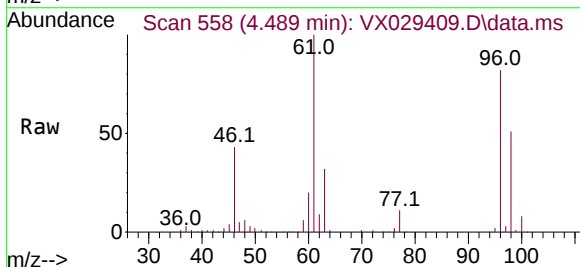
Tgt Ion: 96 Resp: 146820

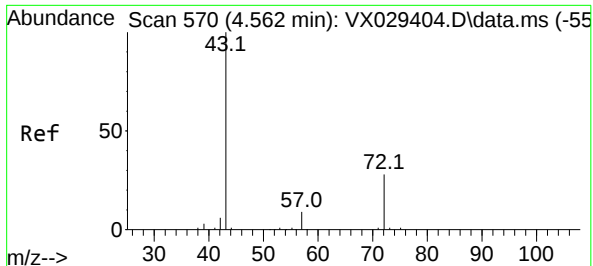
Ion Ratio Lower Upper

96 100

61 122.6 86.7 161.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.524 ug/L

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

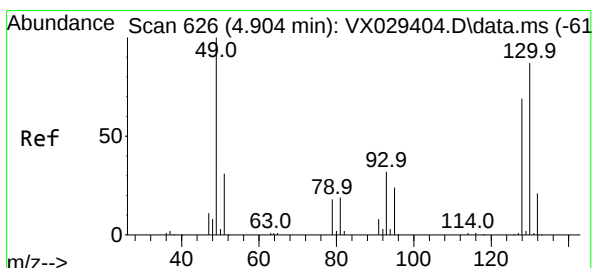
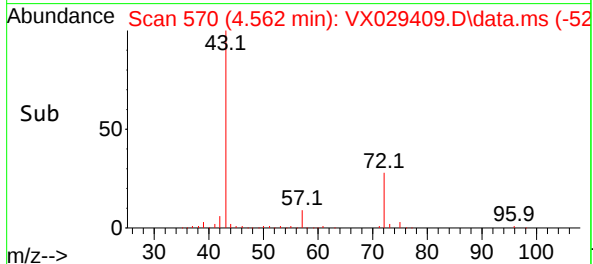
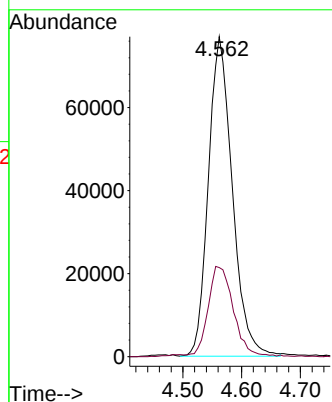
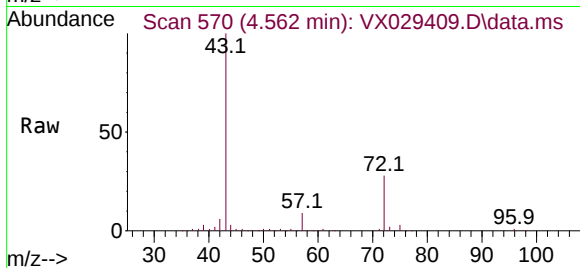
VSTD050754

Tgt Ion: 43 Resp: 217678

Ion Ratio Lower Upper

43 100

72 29.4 13.2 39.5



#23

Bromochloromethane

Concen: 49.180 ug/L

RT: 4.903 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Tgt Ion: 128 Resp: 74186

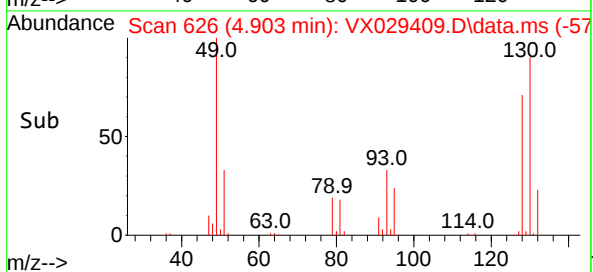
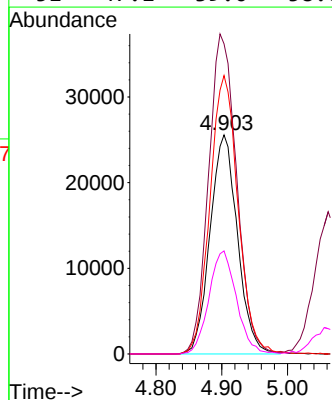
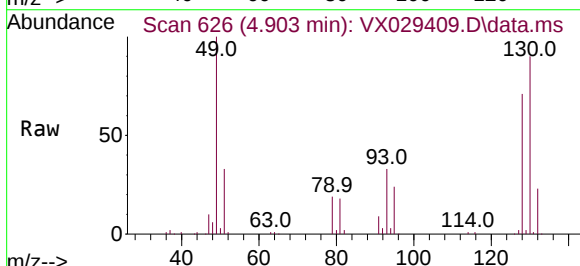
Ion Ratio Lower Upper

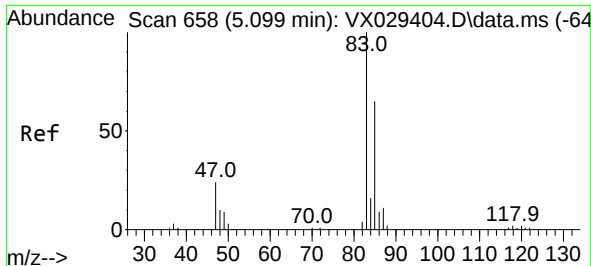
128 100

49 141.6 110.2 204.6

130 127.2 88.2 163.8

51 47.1 39.0 58.6

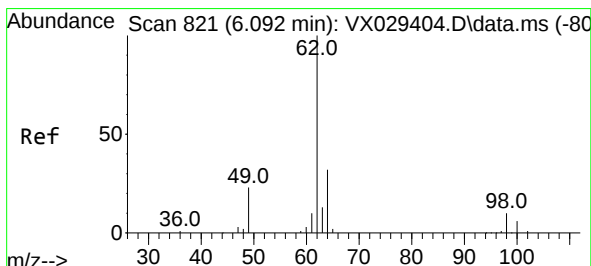
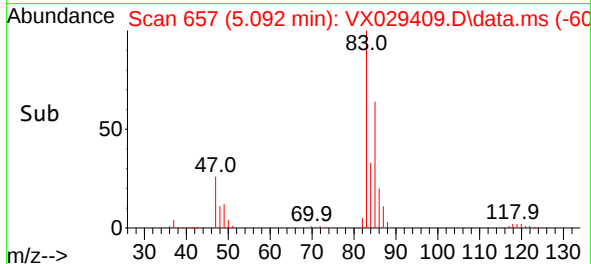
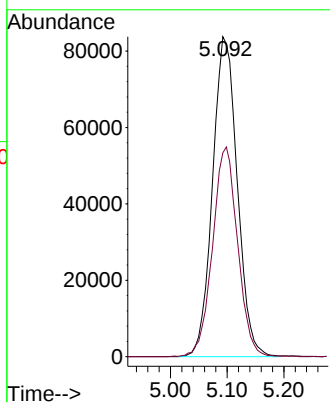
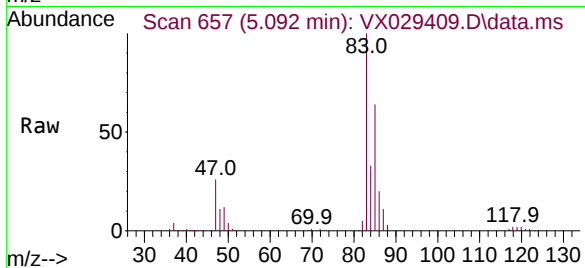




#25
Chloroform
Concen: 48.117 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

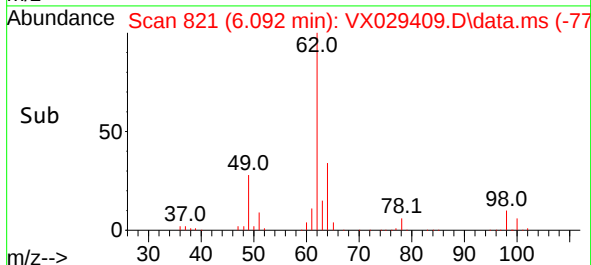
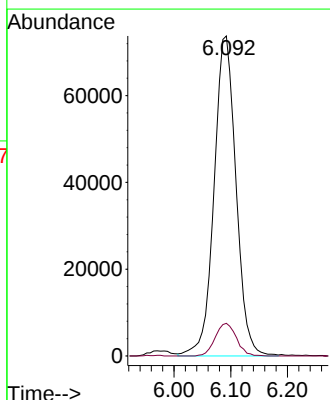
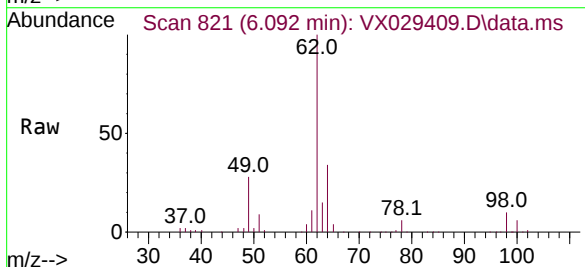
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

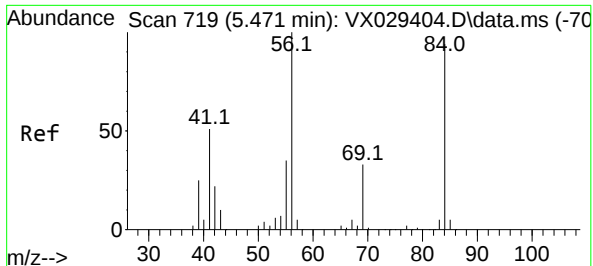
Tgt Ion: 83 Resp: 253438
Ion Ratio Lower Upper
83 100
85 63.7 44.2 82.2



#27
1,2-Dichloroethane
Concen: 49.311 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 62 Resp: 198444
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.2

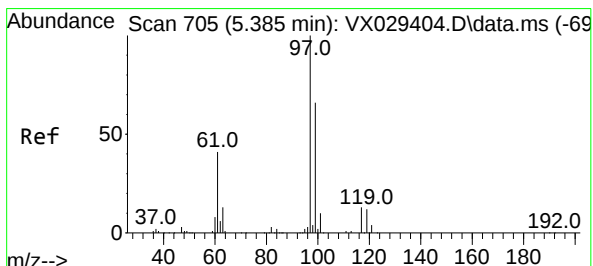
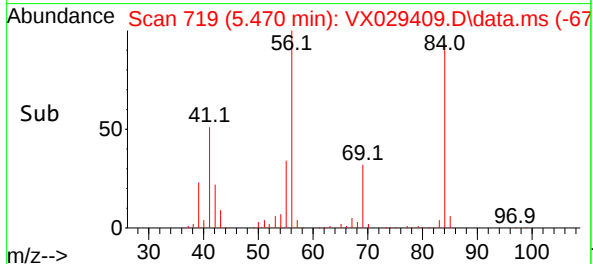
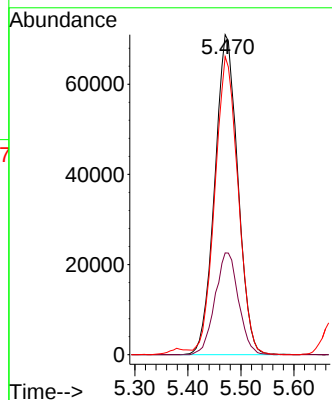
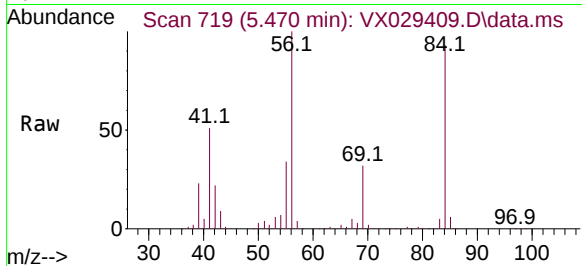




#29
Cyclohexane
Concen: 46.601 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

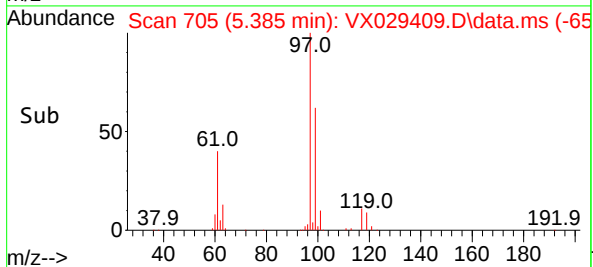
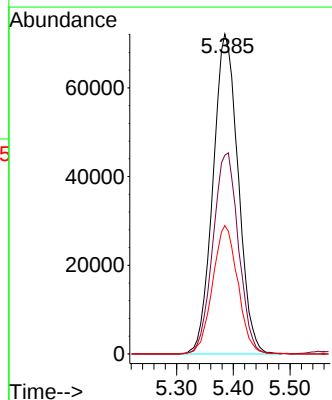
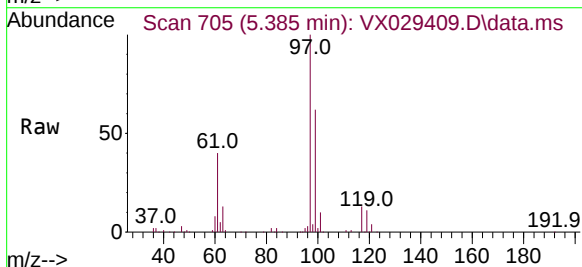
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

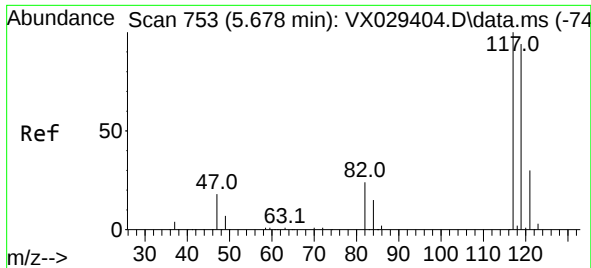
Tgt Ion:	56	Resp:	214708
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.6	36.8
84	93.6	69.8	104.8



#30
1,1,1-Trichloroethane
Concen: 46.389 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion:	97	Resp:	222077
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	40.3	35.2	52.8

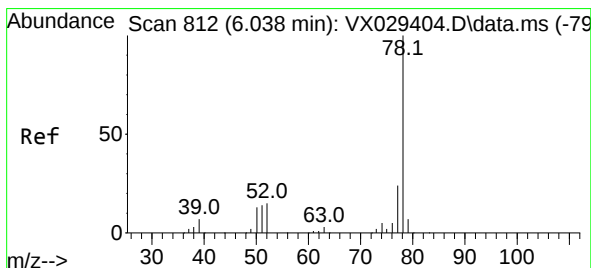
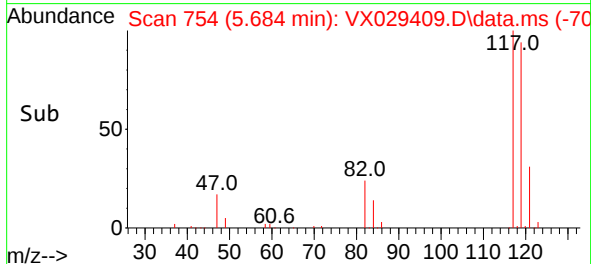
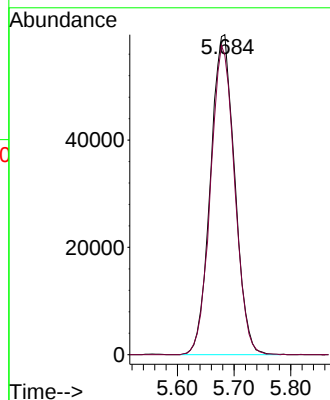
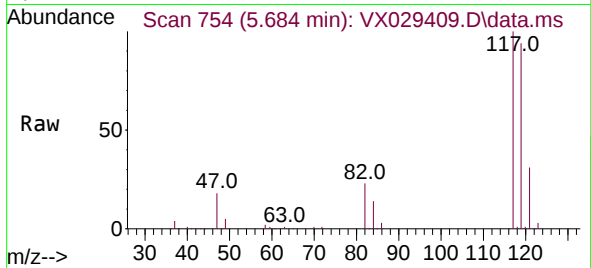




#31
Carbon tetrachloride
Concen: 46.149 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

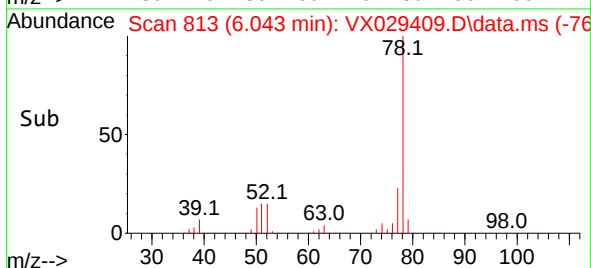
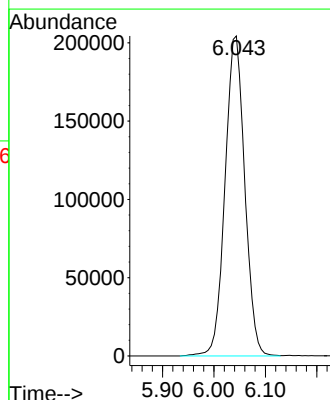
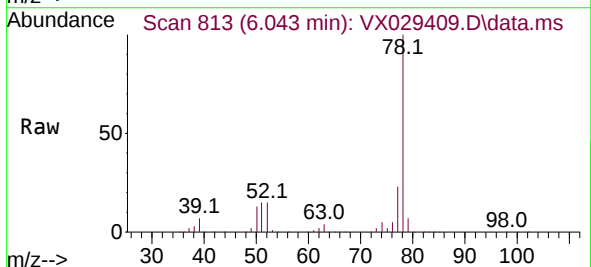
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

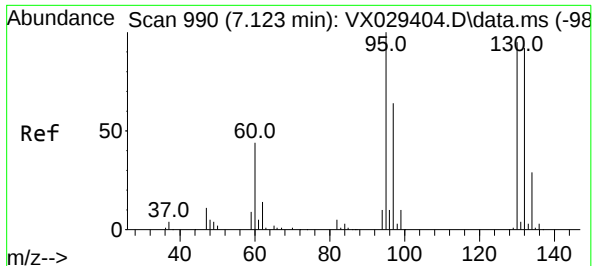
Tgt Ion:117 Resp: 177338
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 48.197 ug/L
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 78 Resp: 544030

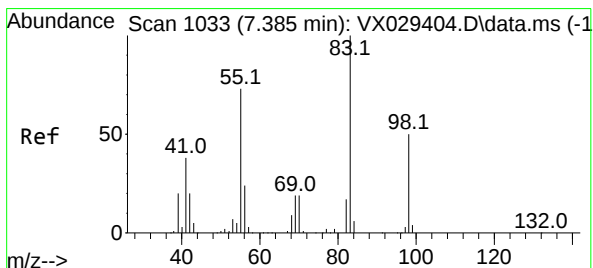
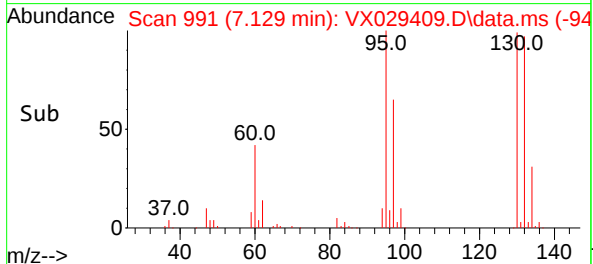
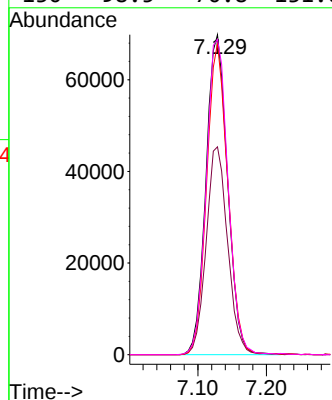
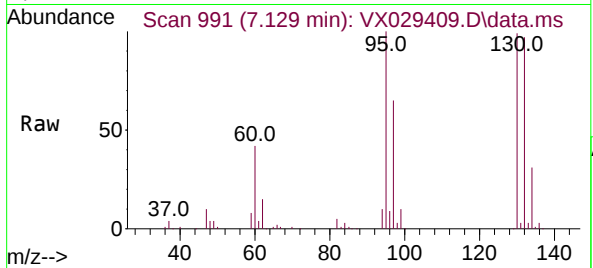




#34
Trichloroethene
Concen: 38.510 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

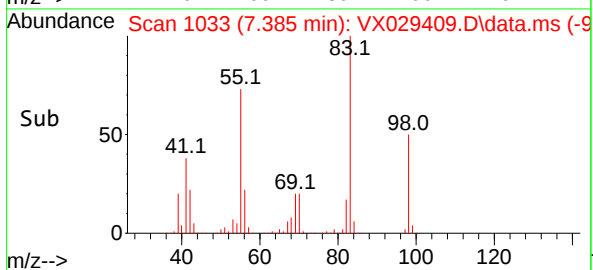
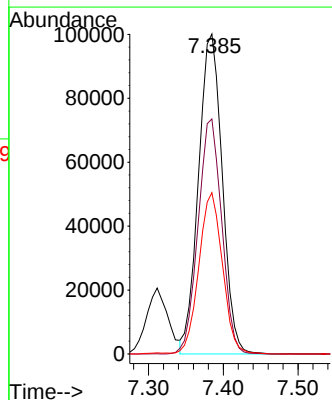
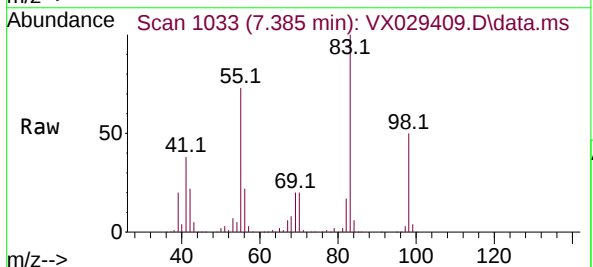
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

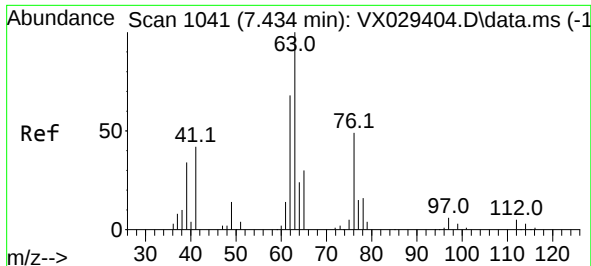
Tgt Ion: 95 Resp: 153202
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 97.3 69.9 129.7
130 98.5 70.8 131.6



#35
Methylcyclohexane
Concen: 44.014 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 83 Resp: 221048
Ion Ratio Lower Upper
83 100
55 72.9 60.6 90.8
98 50.1 39.8 59.8





#37

1,2-Dichloropropane

Concen: 49.024 ug/L

RT: 7.433 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

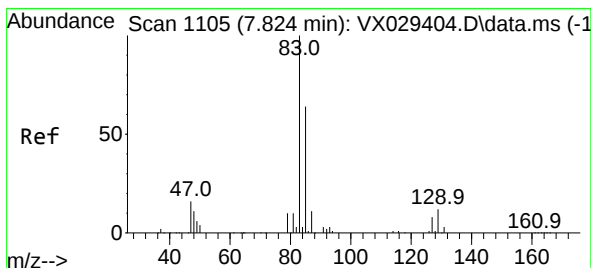
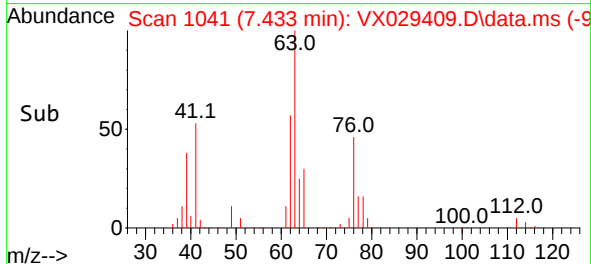
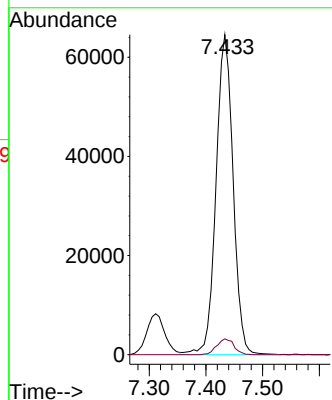
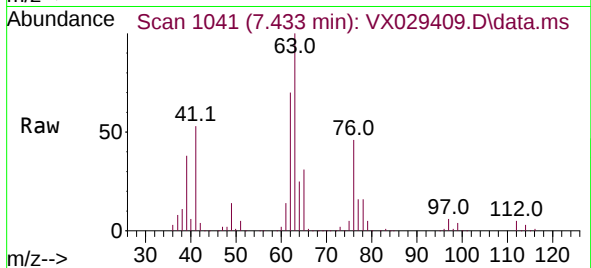
VSTD050754

Tgt Ion: 63 Resp: 134908

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 48.365 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

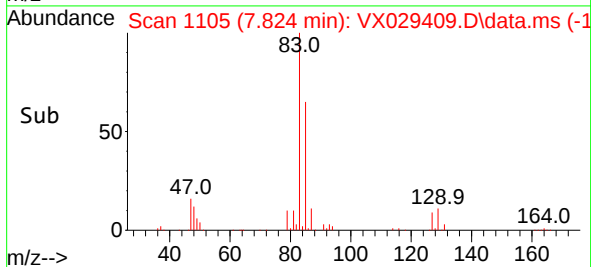
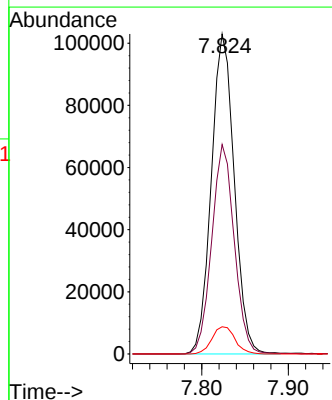
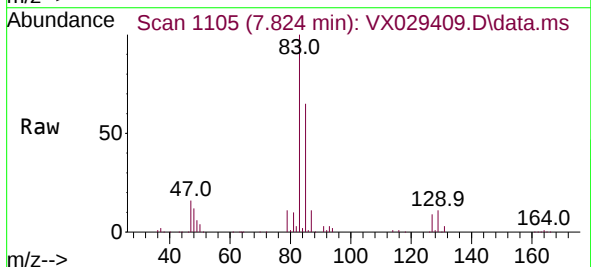
Tgt Ion: 83 Resp: 189444

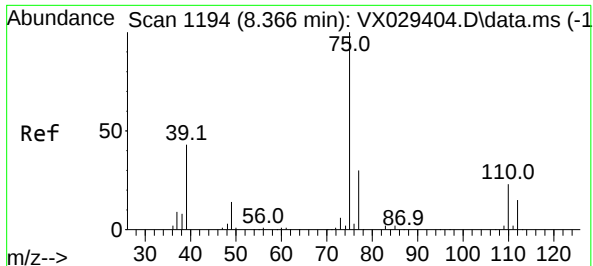
Ion Ratio Lower Upper

83 100

85 65.5 44.7 83.1

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 41.645 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

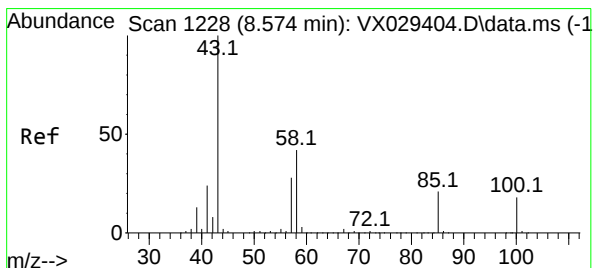
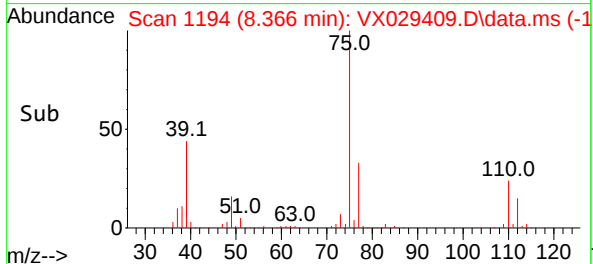
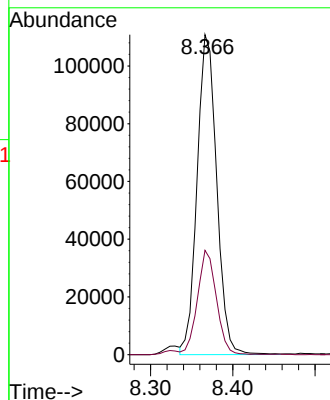
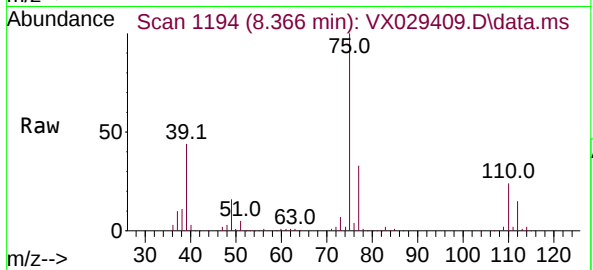
VSTD050754

Tgt Ion: 75 Resp: 183163

Ion Ratio Lower Upper

75 100

77 32.6 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 102.144 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

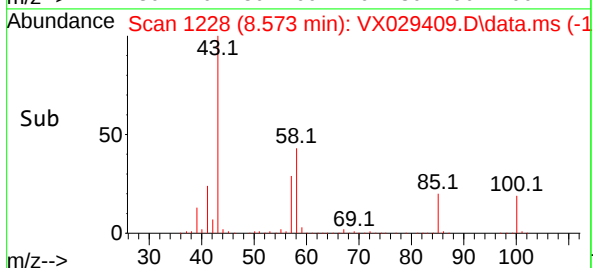
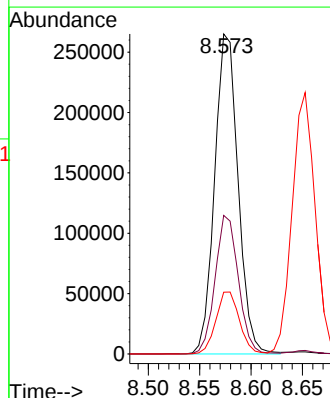
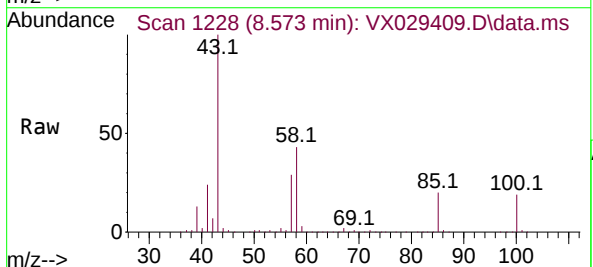
Tgt Ion: 43 Resp: 420166

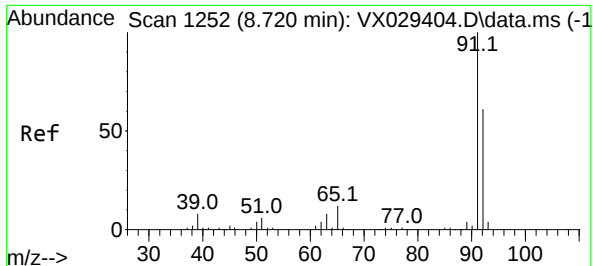
Ion Ratio Lower Upper

43 100

58 42.9 31.0 46.6

100 19.5 13.0 19.4

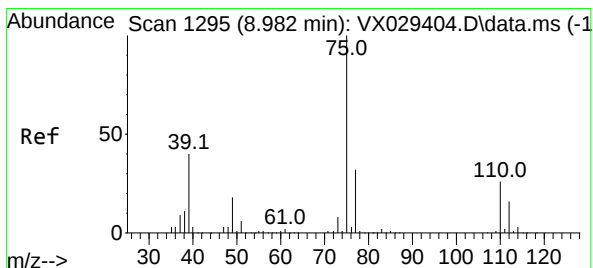
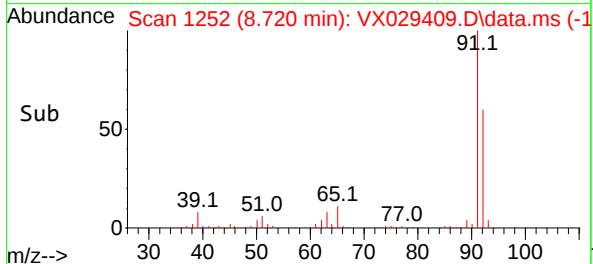
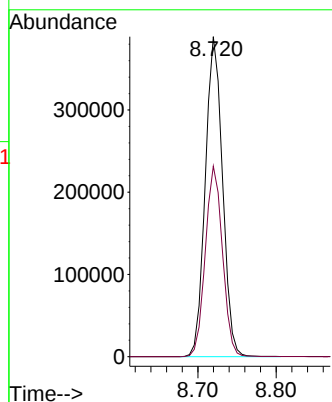
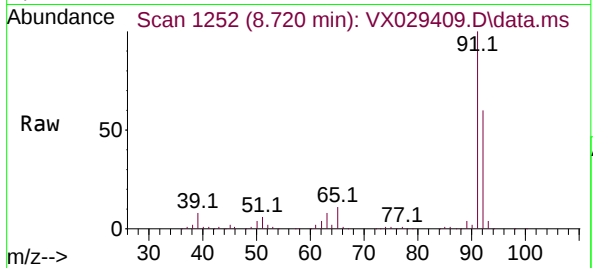




#42
Toluene
Concen: 48.279 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

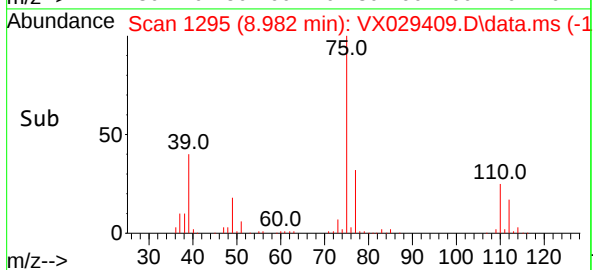
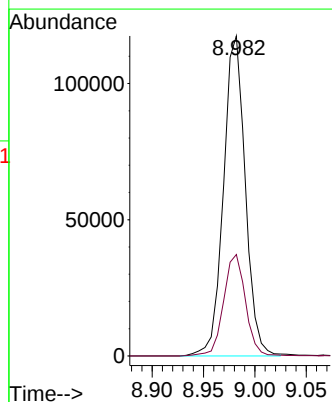
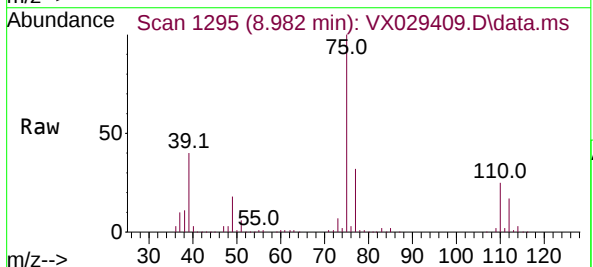
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

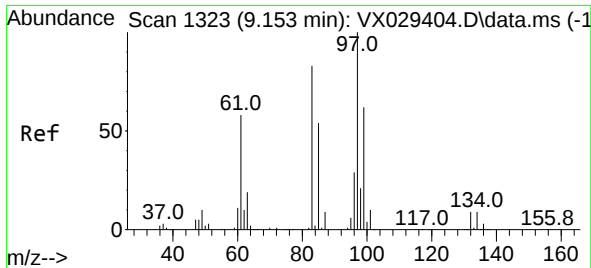
Tgt Ion: 91 Resp: 593848
Ion Ratio Lower Upper
91 100
92 59.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 41.970 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 75 Resp: 173149
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.3



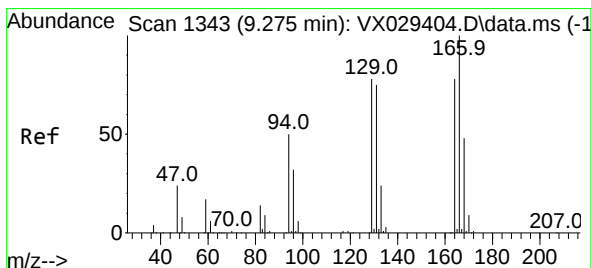
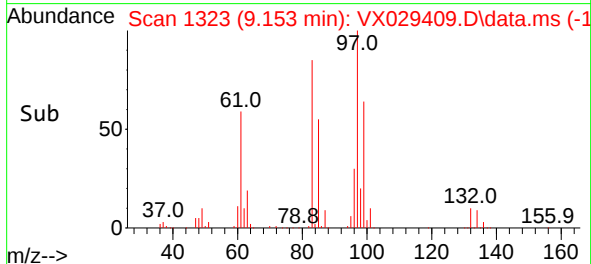
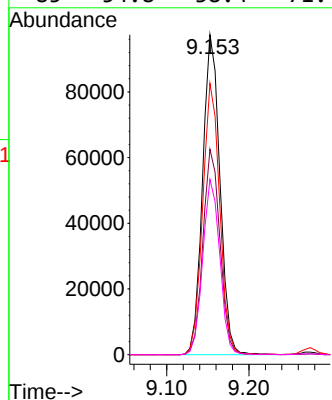
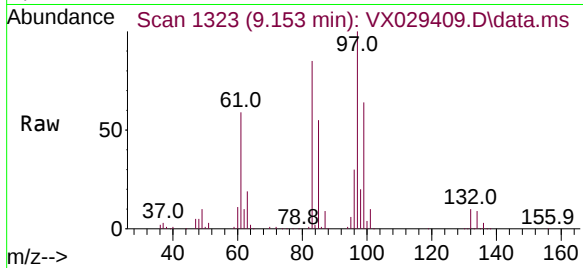


#45
1,1,2-Trichloroethane
Concen: 49.046 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

Tgt Ion: 97 Resp: 142560

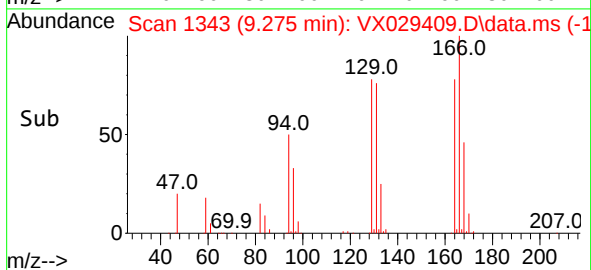
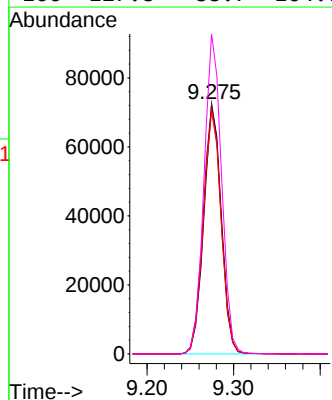
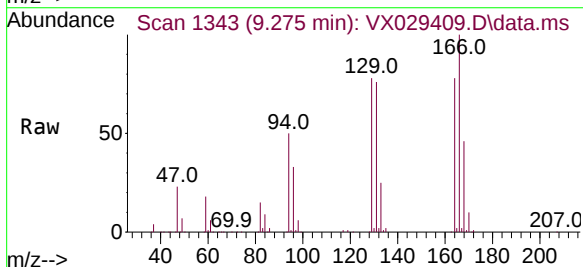
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.3	80.5
83	84.8	57.5	106.9
85	54.8	38.4	71.4

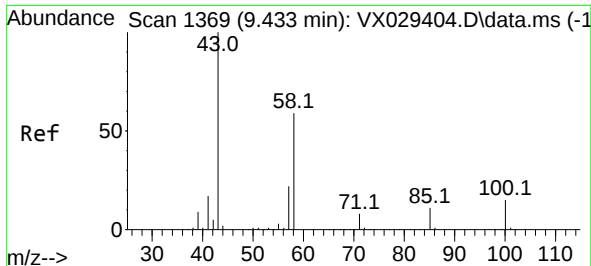


#46
Tetrachloroethene
Concen: 44.597 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 164 Resp: 101841

Ion	Ratio	Lower	Upper
164	100		
129	99.6	65.5	121.7
131	96.8	64.3	119.3
166	127.8	88.7	164.7



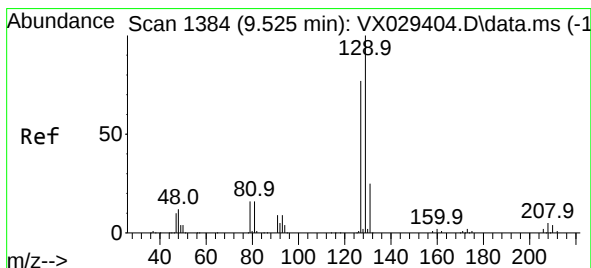
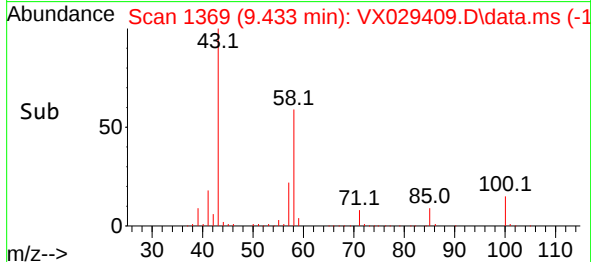
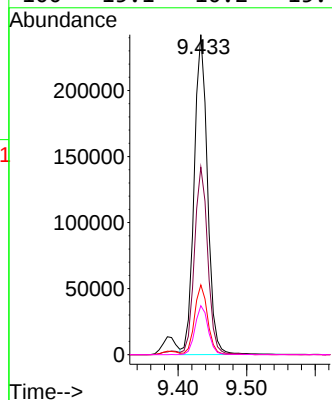
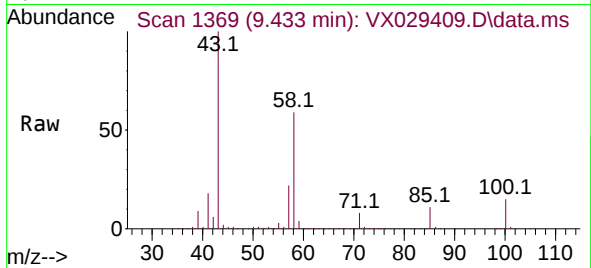


#48
2-Hexanone
Concen: 103.120 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

Tgt Ion: 43 Resp: 328576

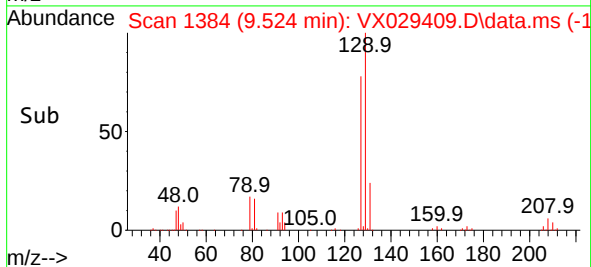
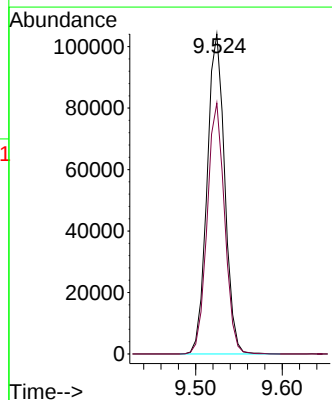
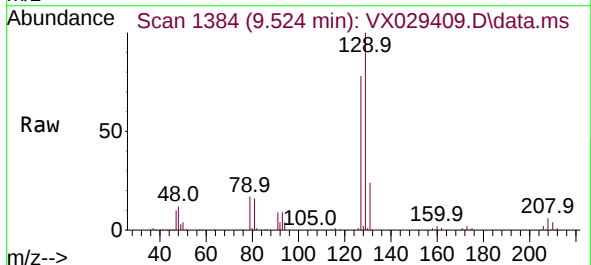
Ion	Ratio	Lower	Upper
43	100		
58	58.3	42.9	64.3
57	21.4	15.3	22.9
100	15.1	10.2	15.4

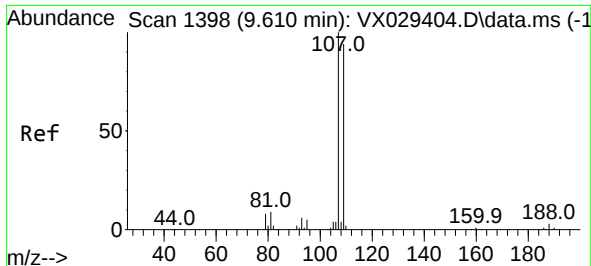


#49
Dibromochloromethane
Concen: 48.478 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 129 Resp: 146913

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.3	100.9

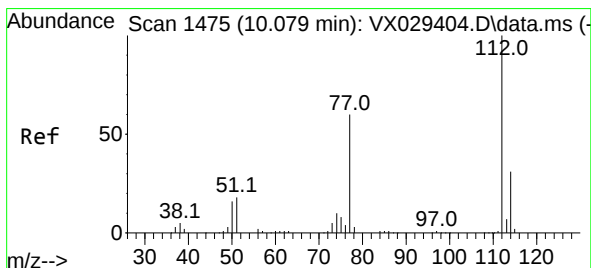
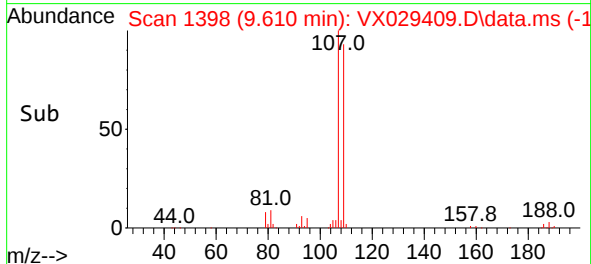
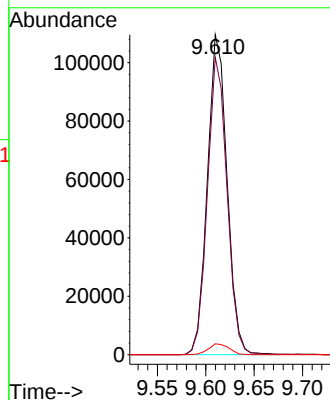
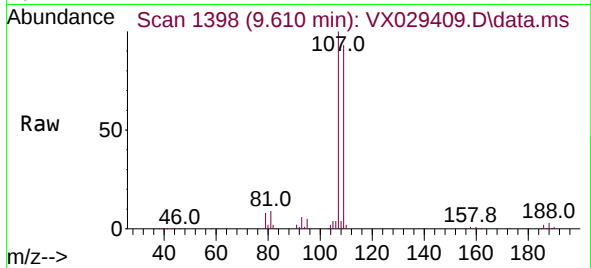




#50
1,2-Dibromoethane
Concen: 50.124 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

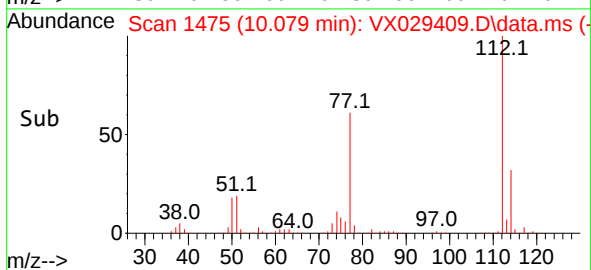
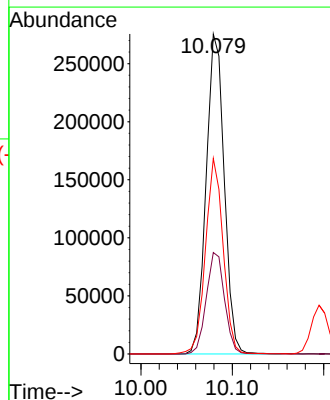
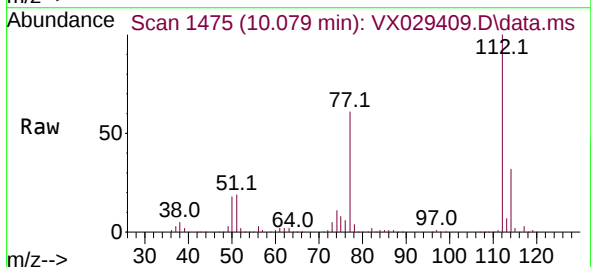
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

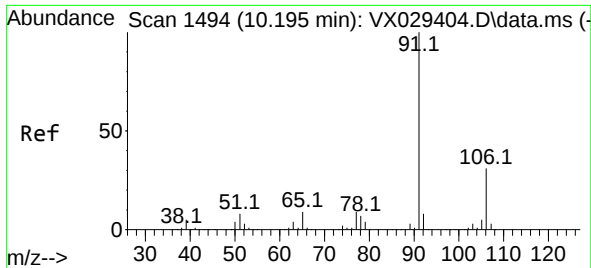
Tgt Ion:107 Resp: 155482
Ion Ratio Lower Upper
107 100
109 92.9 64.9 120.5
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 48.250 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion:112 Resp: 376747
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 61.1 45.9 68.9

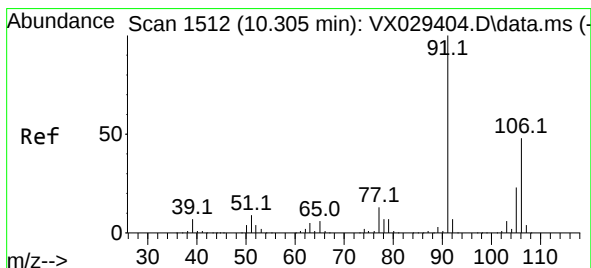
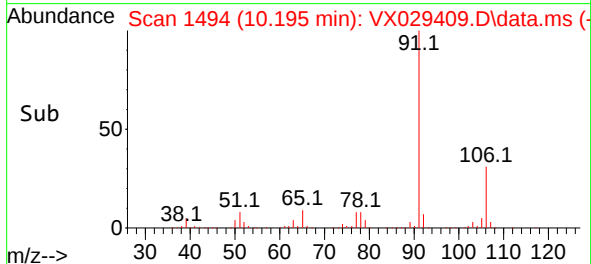
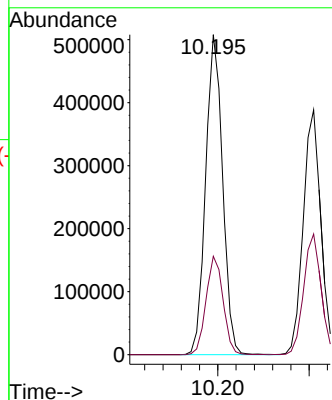
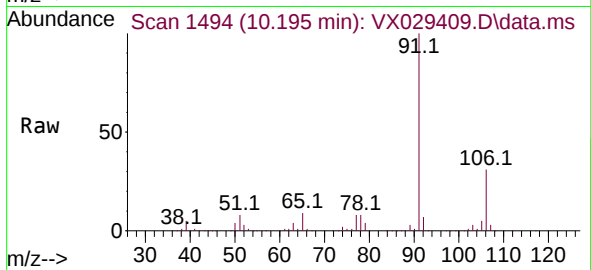




#52
Ethylbenzene
Concen: 48.429 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

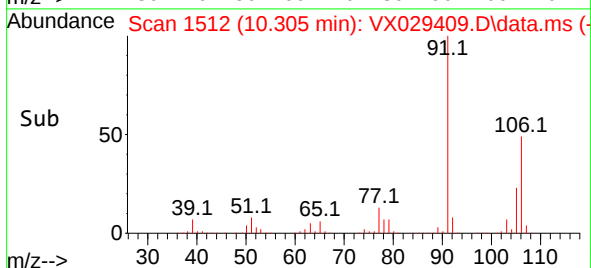
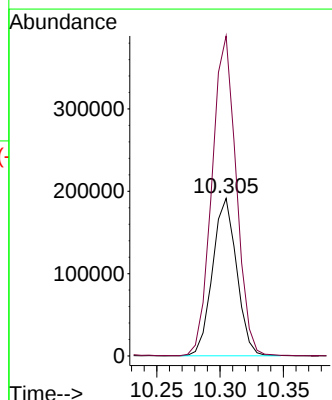
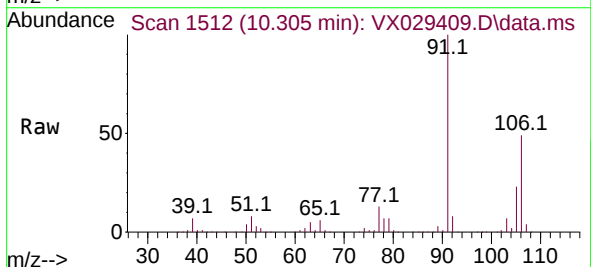
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

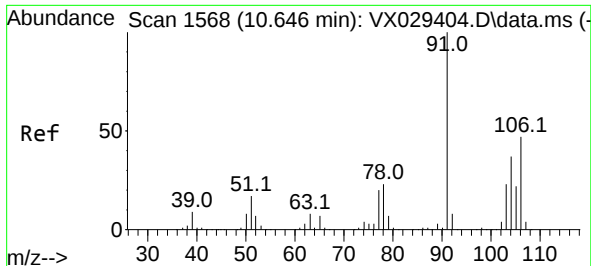
Tgt Ion: 91 Resp: 651929
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#53
m,p-Xylene
Concen: 47.998 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 106 Resp: 253627
Ion Ratio Lower Upper
106 100
91 203.0 145.7 270.5

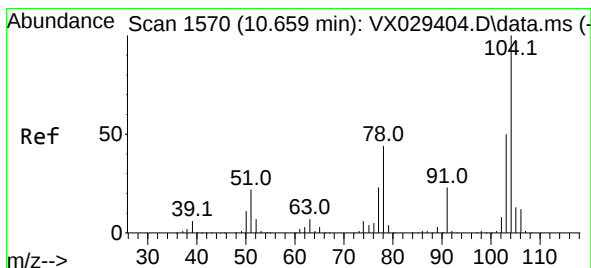
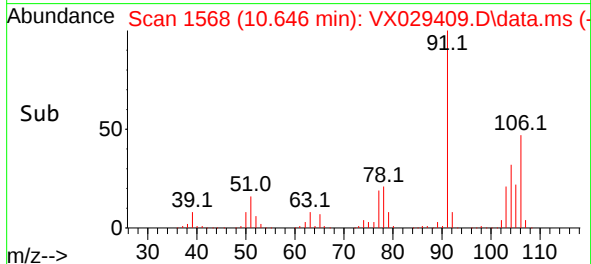
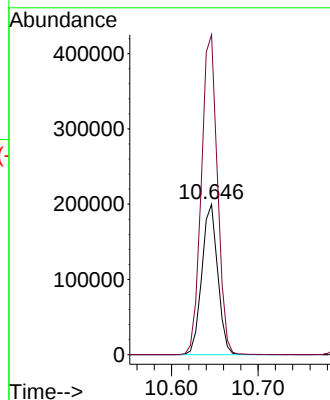
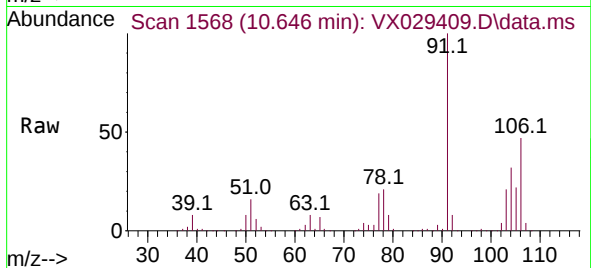




#54
o-Xylene
Concen: 48.834 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

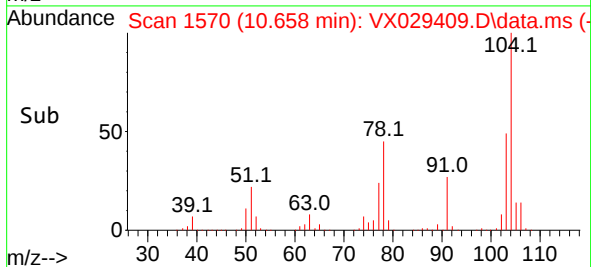
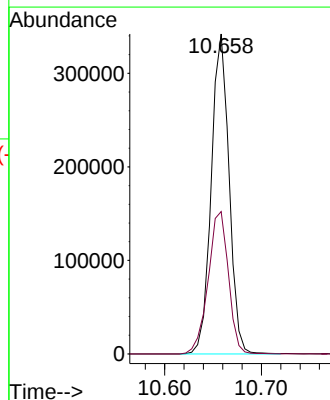
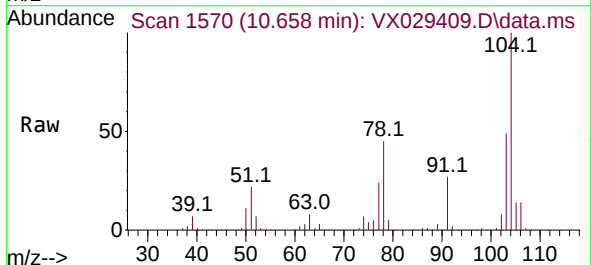
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

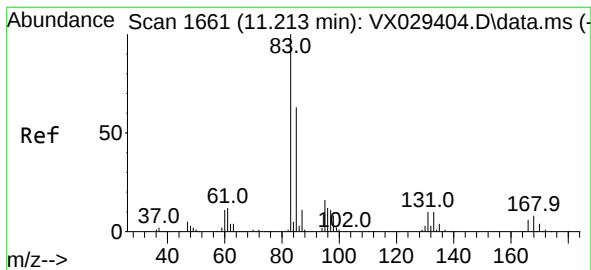
Tgt Ion:106 Resp: 254506
Ion Ratio Lower Upper
106 100
91 212.7 151.2 280.8



#55
Styrene
Concen: 50.004 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion:104 Resp: 438124
Ion Ratio Lower Upper
104 100
78 44.5 33.3 61.9

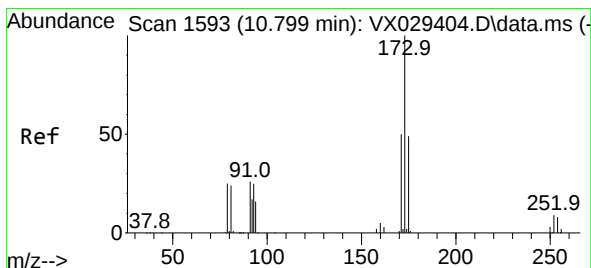
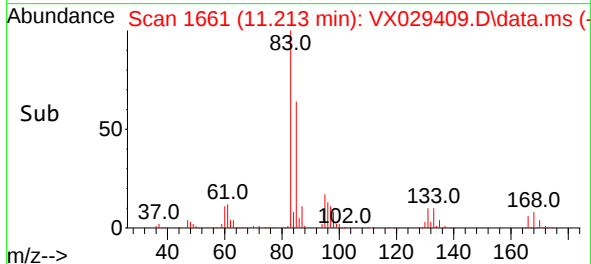
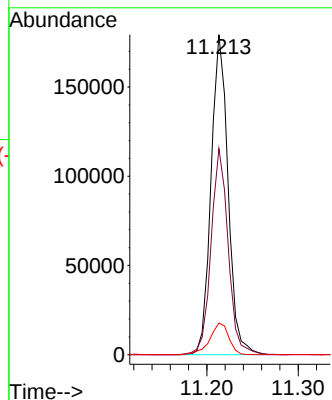
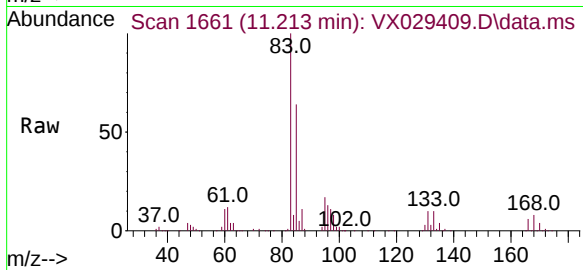




#57
1,1,2,2-Tetrachloroethane
Concen: 51.249 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

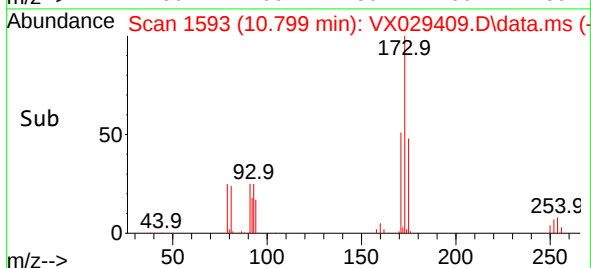
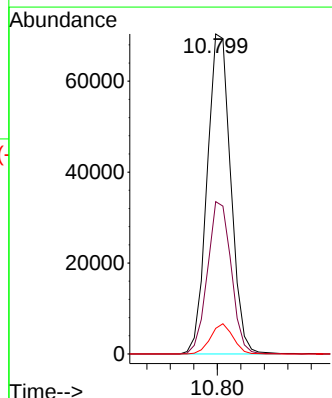
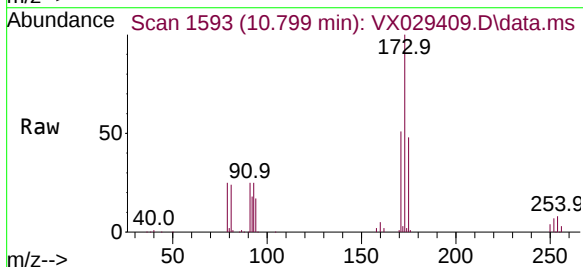
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

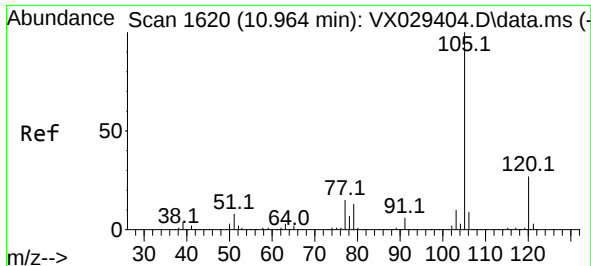
Tgt Ion: 83 Resp: 230852
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.2
131 9.9 8.5 12.7



#59
Bromoform
Concen: 49.659 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 173 Resp: 98100
Ion Ratio Lower Upper
173 100
175 47.8 38.9 58.3
254 9.0 7.0 10.6

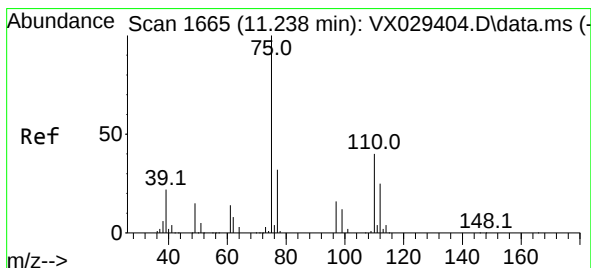
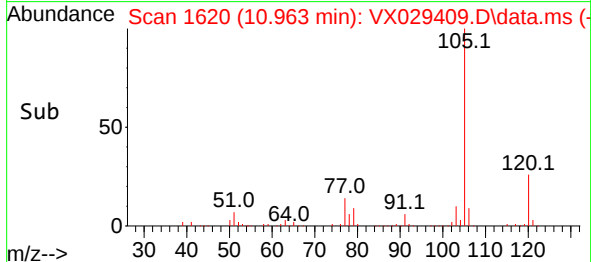
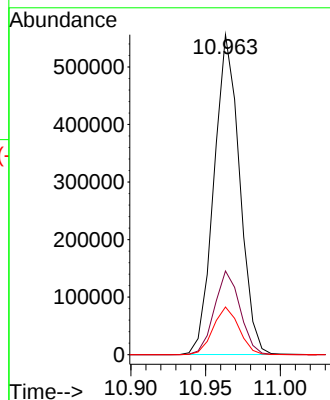
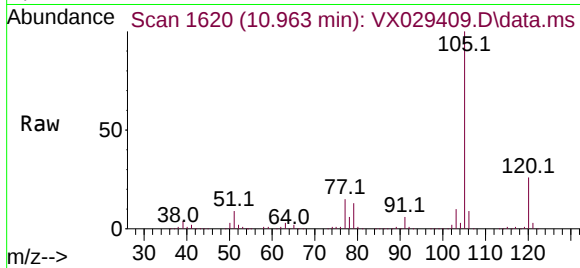




#60
Isopropylbenzene
Concen: 47.883 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

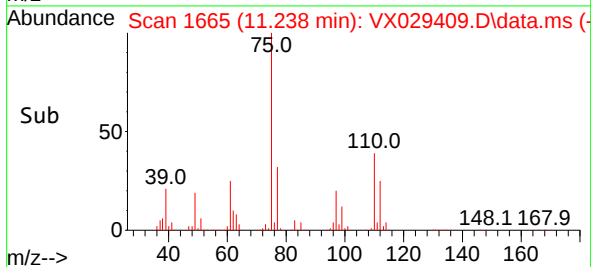
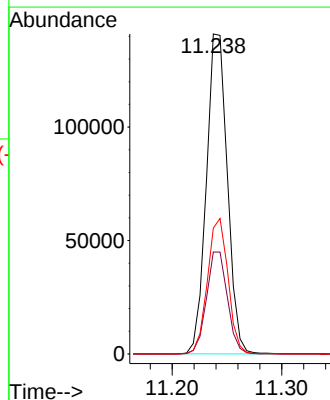
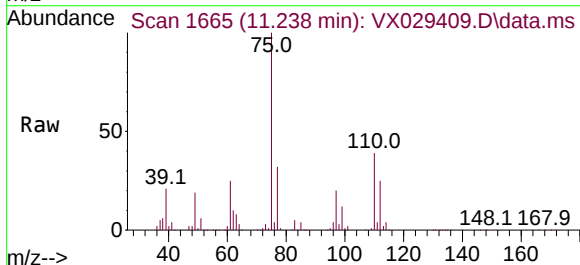
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

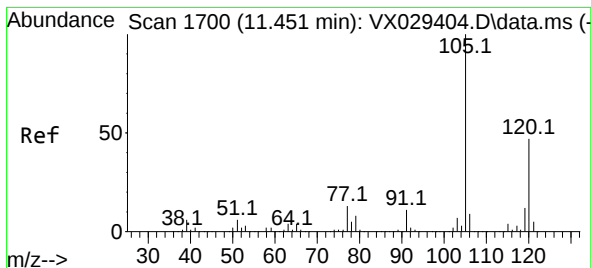
Tgt Ion:105 Resp: 663559
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 15.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 50.564 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion: 75 Resp: 187636
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6
110 41.5 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 48.237 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

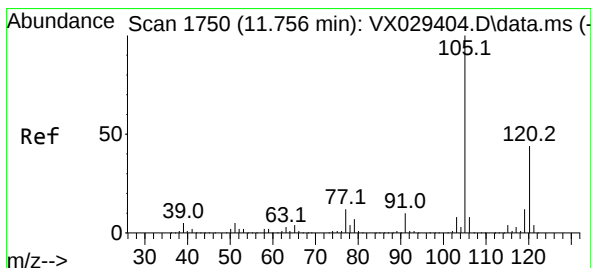
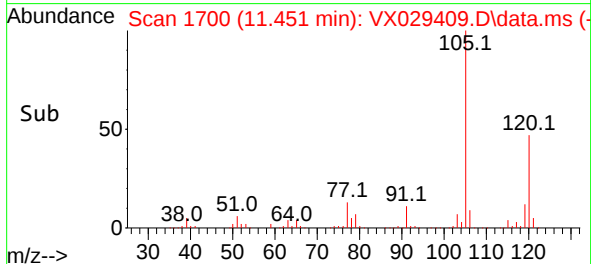
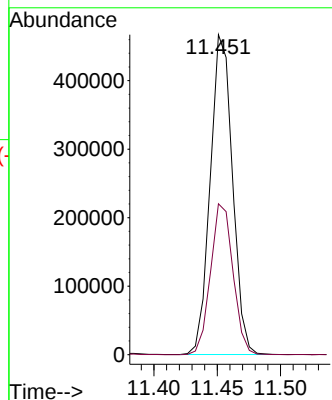
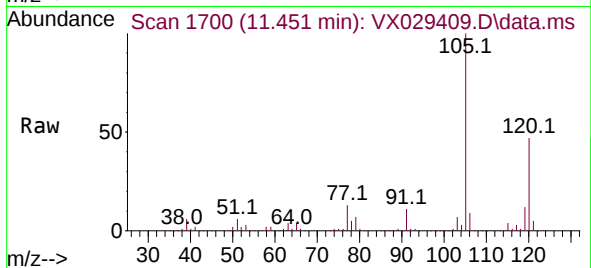
VSTD050754

Tgt Ion:105 Resp: 570900

Ion Ratio Lower Upper

105 100

120 47.7 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 48.932 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX029409.D

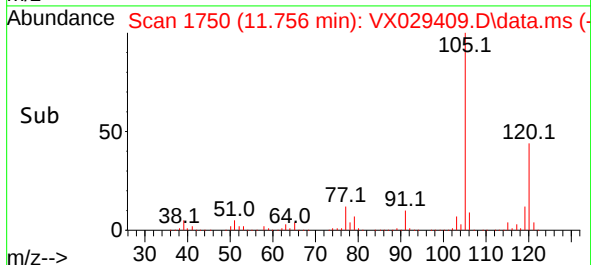
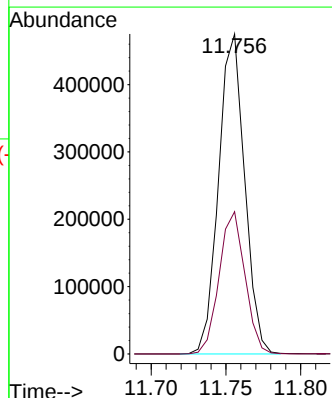
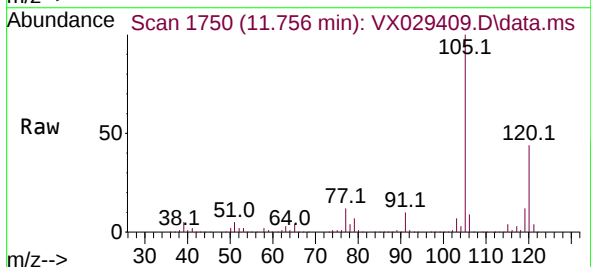
Acq: 13 Jun 2022 13:02

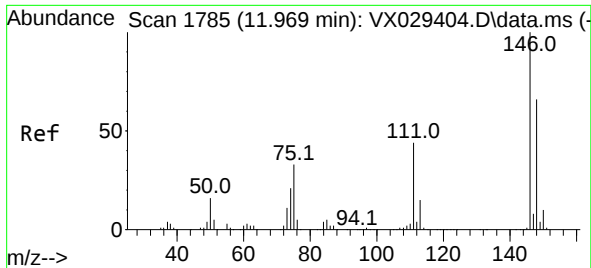
Tgt Ion:105 Resp: 575013

Ion Ratio Lower Upper

105 100

120 44.1 36.1 54.1

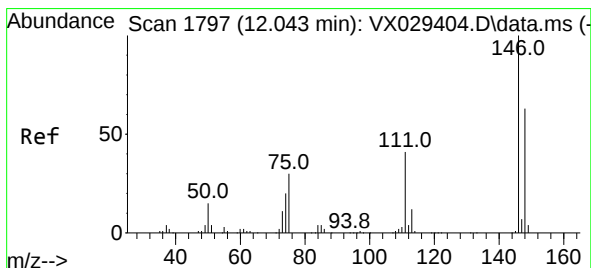
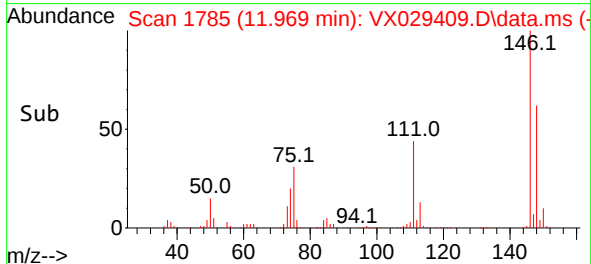
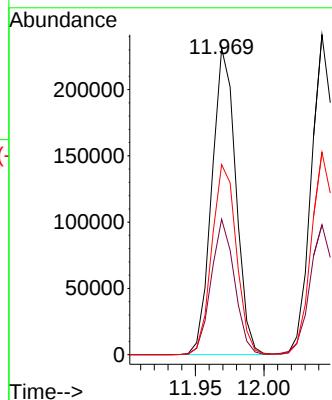
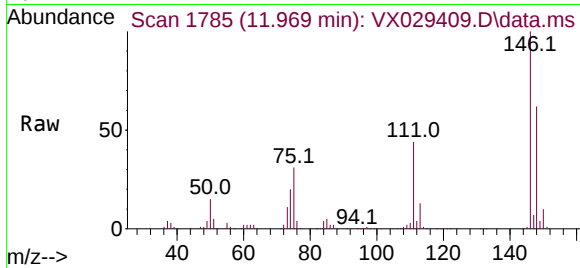




#64
1,3-Dichlorobenzene
Concen: 48.949 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

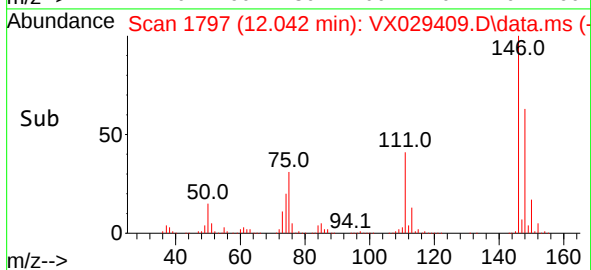
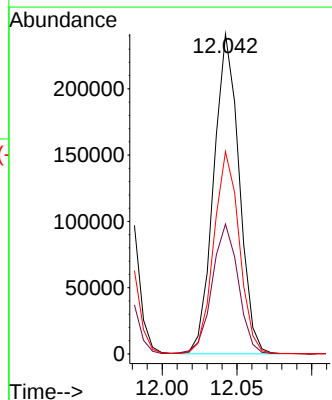
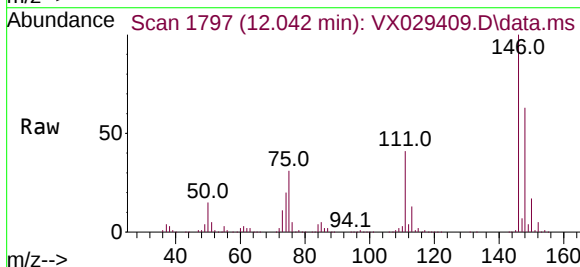
Instrument :
MSVOA_X
ClientSampleId :
VSTD050754

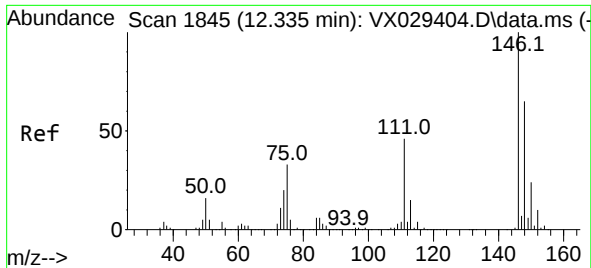
Tgt Ion:146 Resp: 281000
Ion Ratio Lower Upper
146 100
111 44.2 28.3 52.7
148 62.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 49.231 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX029409.D
Acq: 13 Jun 2022 13:02

Tgt Ion:146 Resp: 285303
Ion Ratio Lower Upper
146 100
111 40.6 26.5 49.3
148 63.3 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 49.370 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050754

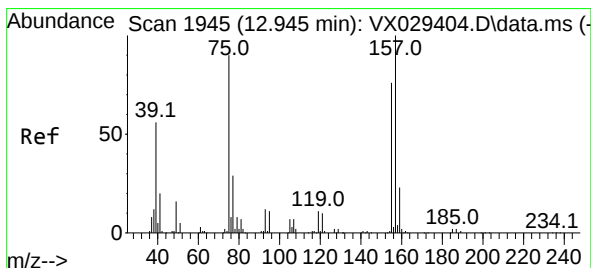
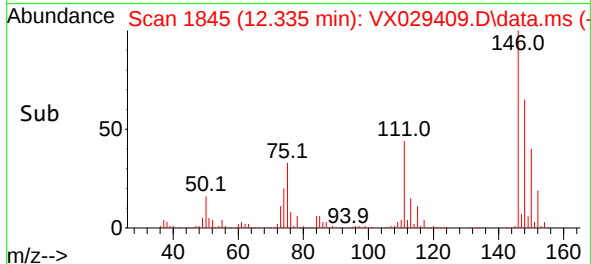
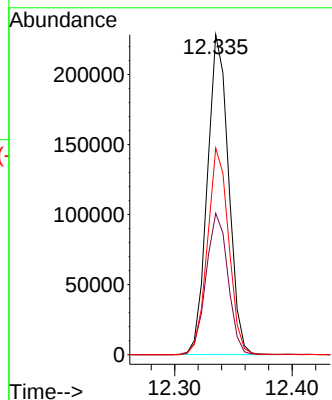
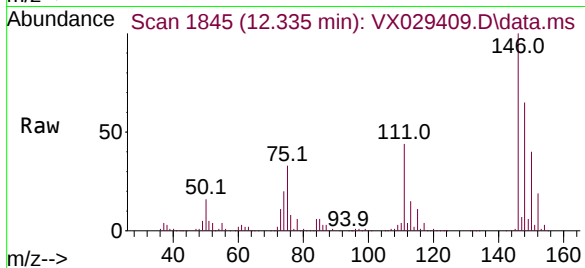
Tgt Ion:146 Resp: 285857

Ion Ratio Lower Upper

146 100

111 44.2 34.5 51.7

148 64.5 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 51.176 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

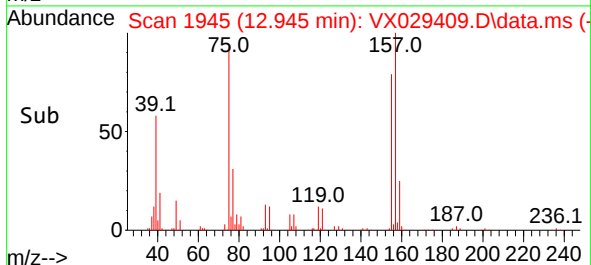
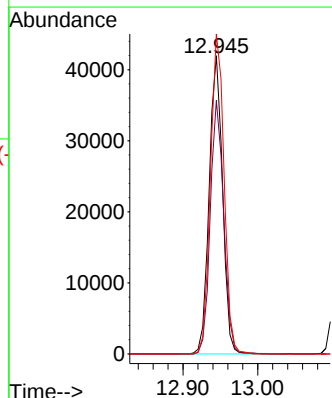
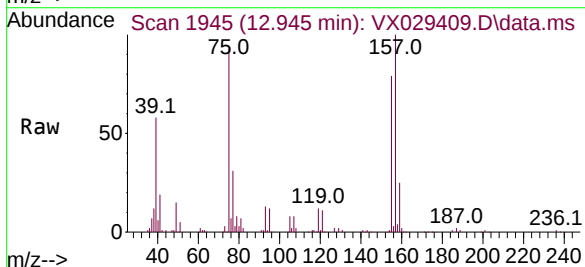
Tgt Ion: 75 Resp: 52231

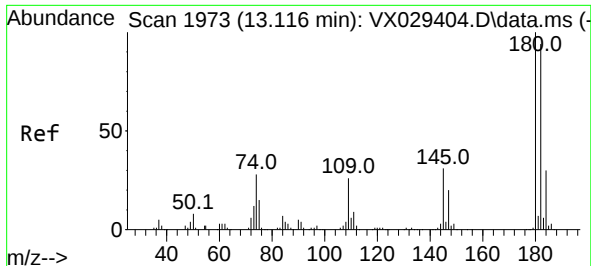
Ion Ratio Lower Upper

75 100

155 85.0 71.6 107.4

157 107.3 93.8 140.6

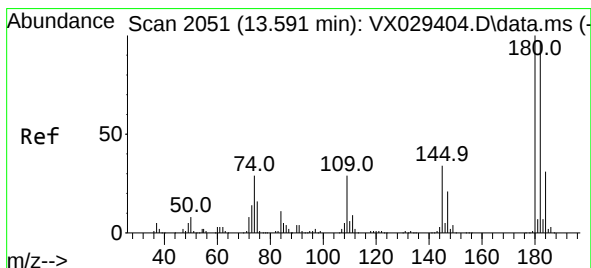
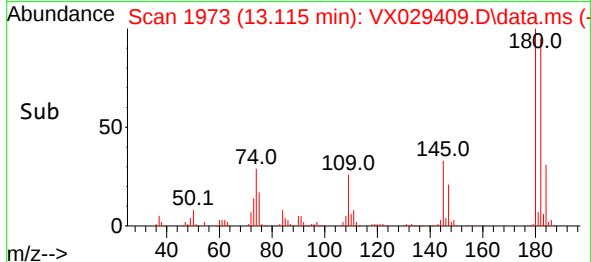
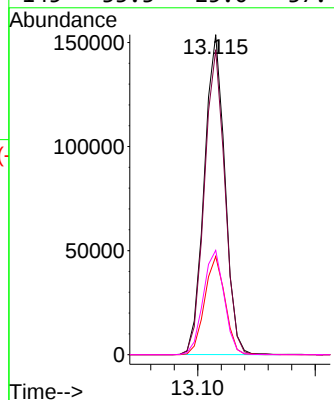
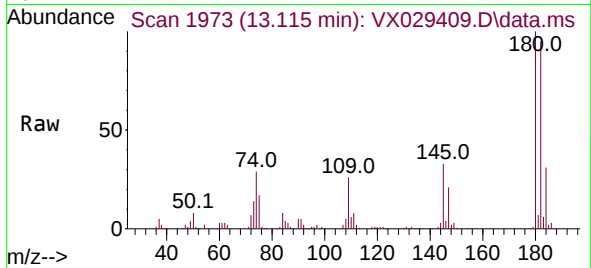




#69
 1,3,5-Trichlorobenzene
 Concen: 47.351 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

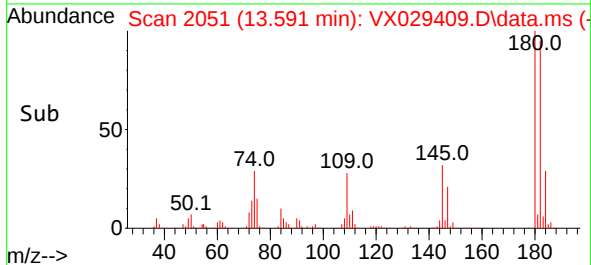
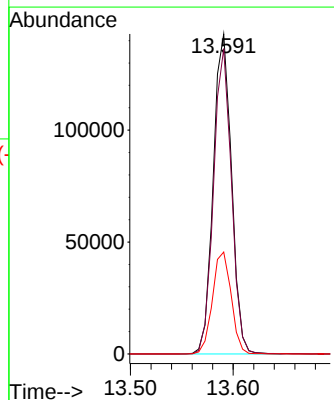
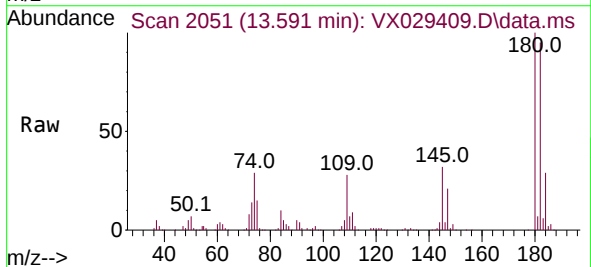
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050754

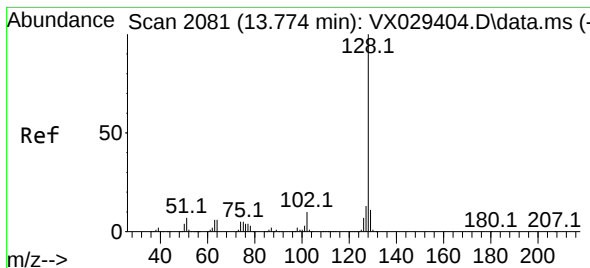
Tgt Ion:180	Resp:	186015
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.6 113.4
184	30.4	23.6 35.4
145	33.3	25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 49.727 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX029409.D
 Acq: 13 Jun 2022 13:02

Tgt Ion:180	Resp:	175936
Ion Ratio	Lower	Upper
180	100	
182	93.6	75.4 113.2
145	32.7	25.0 37.4





#71

Naphthalene

Concen: 52.559 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050754

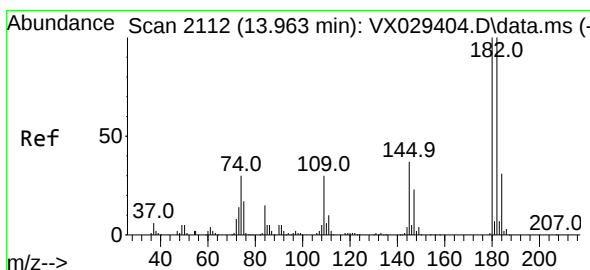
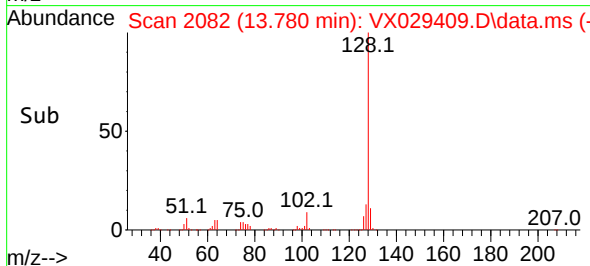
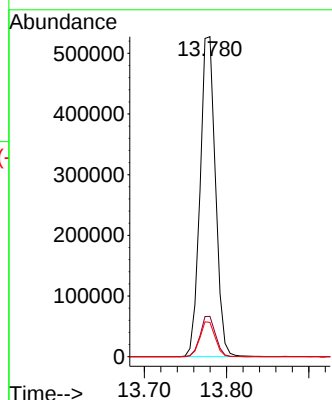
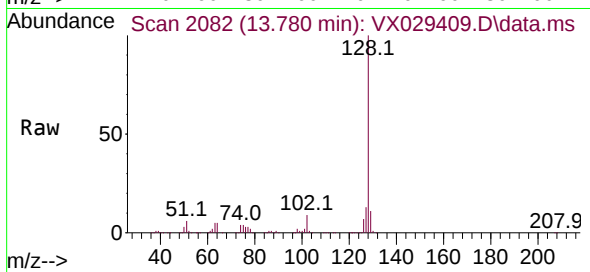
Tgt Ion:128 Resp: 684857

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 49.327 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX029409.D

Acq: 13 Jun 2022 13:02

Tgt Ion:180 Resp: 176299

Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.4

145 36.5 27.4 41.0

