

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029433.D
 Acq On : 13 Jun 2022 23:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050755

Quant Time: Jun 14 04:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 04:22:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	393751	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	362070	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	191557	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	145226	47.636	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.280%
7) Chloroethane-d5	1.666	69	97132	51.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.540%
11) 1,1-Dichloroethene-d2	2.306	63	261757	47.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.300%
21) 2-Butanone-d5	4.465	46	243112	105.176	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.180%
24) Chloroform-d	5.062	84	285116	48.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	5.958	65	179456	47.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
32) Benzene-d6	5.977	84	560454	49.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	7.312	67	168619	50.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	8.653	98	517666	48.551	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.100%
43) trans-1,3-Dichloroprop...	8.952	79	71259	43.627	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.260%
47) 2-Hexanone-d5	9.384	63	194523	108.572	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.570%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	251121	51.702	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	198407	49.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	181863	48.137	ug/L	99
3) Chloromethane	1.288	50	166808	47.078	ug/L	98
5) Vinyl chloride	1.374	62	166531	48.555	ug/L	100
6) Bromomethane	1.611	94	78201	48.595	ug/L	98
8) Chloroethane	1.685	64	94680	53.838	ug/L	99
9) Trichlorofluoromethane	1.886	101	228736	46.641	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	137952	47.775	ug/L	98
12) 1,1-Dichloroethene	2.319	96	131037	49.081	ug/L	82
13) Acetone	2.392	43	143267	92.995	ug/L	96
14) Carbon disulfide	2.514	76	293712	40.116	ug/L	100
15) Methyl Acetate	2.709	43	156126	51.086	ug/L	93
16) Methylene chloride	2.788	84	144215	48.743	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	137242	47.999	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	473993	49.491	ug/L	96
19) 1,1-Dichloroethane	3.611	63	247790	49.062	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	156975	48.573	ug/L	94
22) 2-Butanone	4.568	43	231511	99.826	ug/L	95
23) Bromochloromethane	4.904	128	78047	48.795	ug/L	97
25) Chloroform	5.099	83	270832	48.493	ug/L	98

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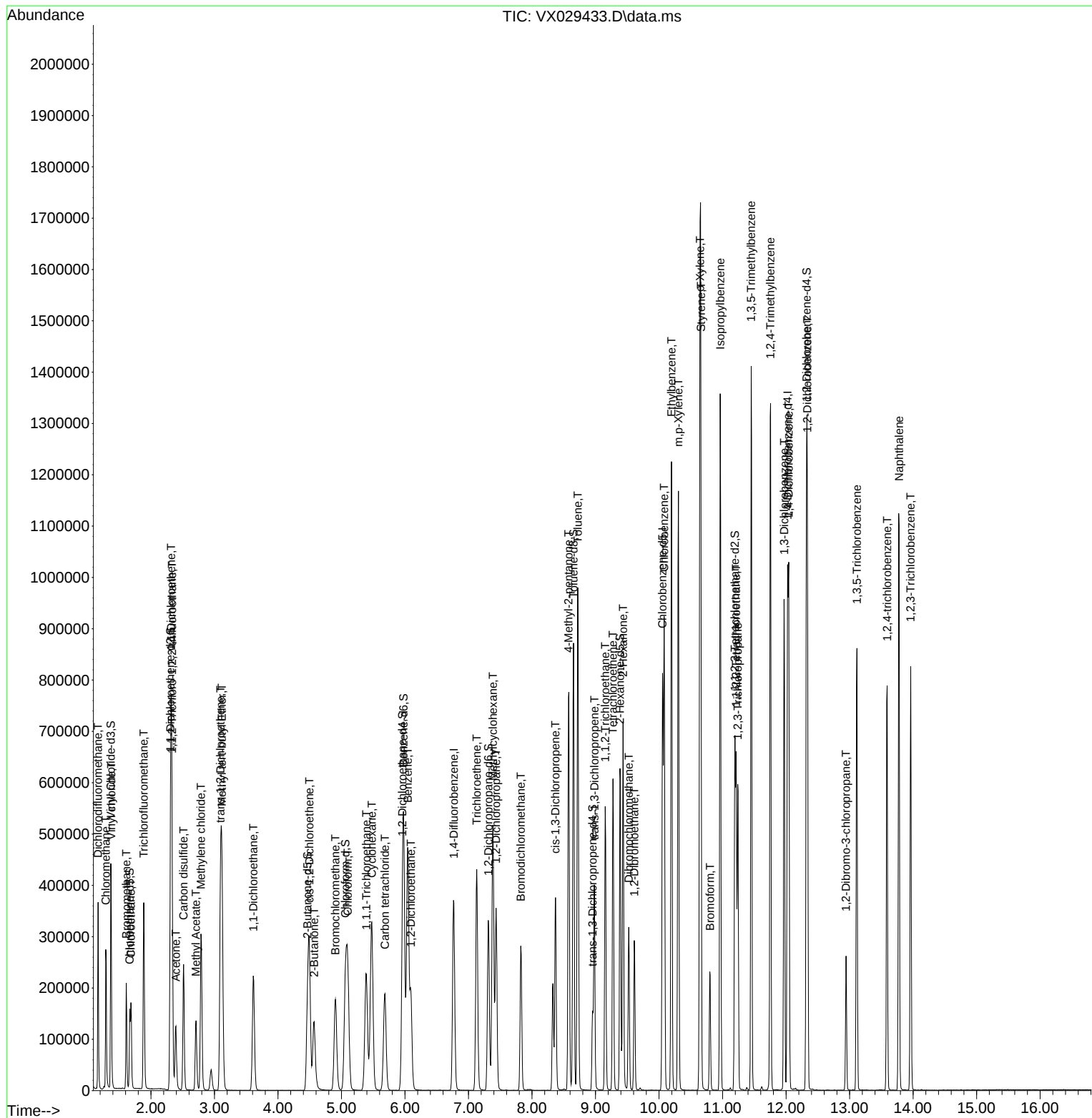
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	208660	48.899	ug/L	100
29) Cyclohexane	5.477	56	232228	48.053	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	232447	46.291	ug/L	98
31) Carbon tetrachloride	5.684	117	179286	44.480	ug/L	98
33) Benzene	6.044	78	590592	49.881	ug/L	100
34) Trichloroethene	7.129	95	164347	39.385	ug/L	96
35) Methylcyclohexane	7.385	83	248517	47.175	ug/L	98
37) 1,2-Dichloropropane	7.434	63	143605	49.750	ug/L	99
38) Bromodichloromethane	7.824	83	183234	44.598	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	205184	44.475	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	438421	101.611	ug/L #	93
42) Toluene	8.720	91	634318	49.164	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	193308	44.671	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	149613	49.072	ug/L	99
46) Tetrachloroethene	9.275	164	114059	47.618	ug/L	95
48) 2-Hexanone	9.433	43	347329	103.921	ug/L	93
49) Dibromochloromethane	9.525	129	138003	43.414	ug/L	99
50) 1,2-Dibromoethane	9.610	107	160824	49.428	ug/L	98
51) Chlorobenzene	10.079	112	407874	49.800	ug/L	98
52) Ethylbenzene	10.195	91	706863	50.061	ug/L	100
53) m,p-Xylene	10.305	106	276686	49.919	ug/L	96
54) o-Xylene	10.646	106	275226	50.347	ug/L	97
55) Styrene	10.659	104	472317	51.392	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	240144	50.826	ug/L	99
59) Bromoform	10.805	173	83997	39.382	ug/L	99
60) Isopropylbenzene	10.963	105	717236	47.938	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	197982	49.415	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	622896	48.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	618013	48.710	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	301806	48.693	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	302275	48.311	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	309898	49.572	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	47975	43.537	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	206709	48.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	185778	48.634	ug/L	98
71) Naphthalene	13.780	128	713151	50.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	185448	48.058	ug/L	99

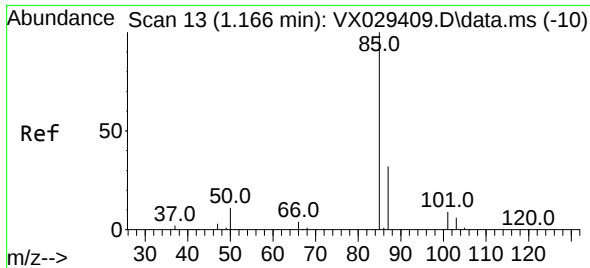
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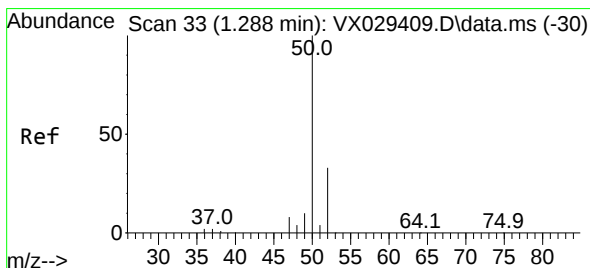
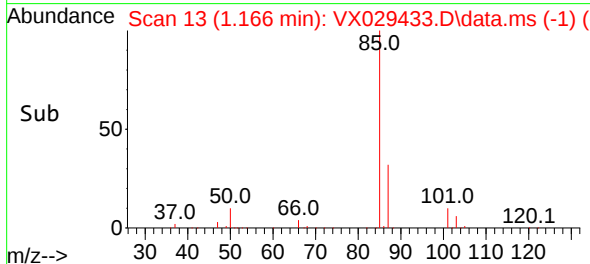
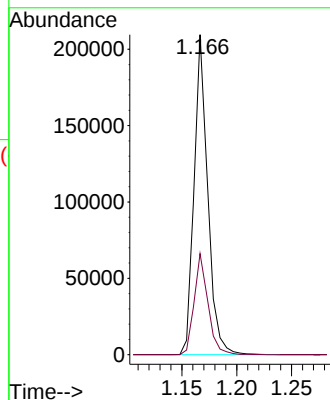
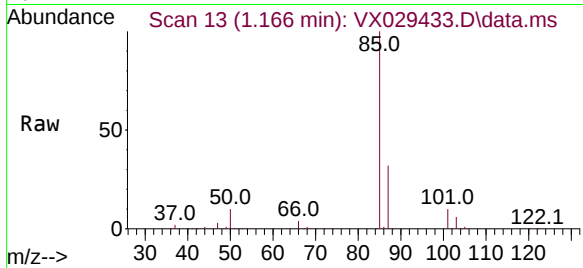




#2
 Dichlorodifluoromethane
 Concen: 48.137 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

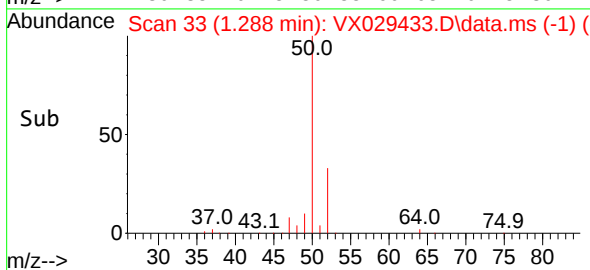
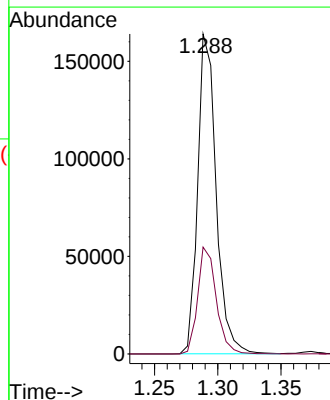
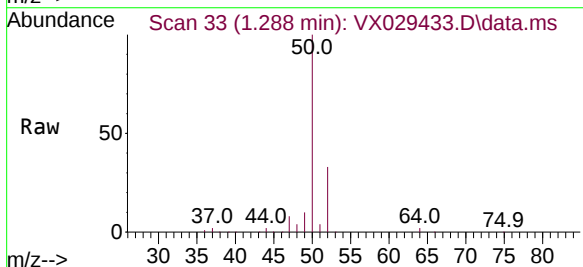
Instrument :
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 ClientSampleId :
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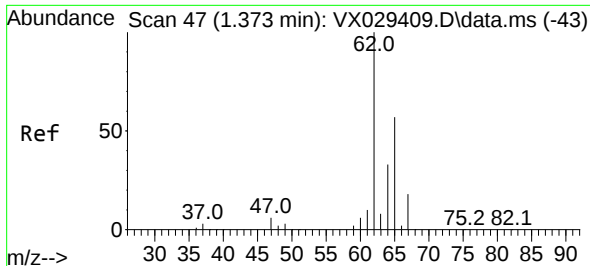
Tgt Ion: 85 Resp: 181863
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 47.078 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

Tgt Ion: 50 Resp: 166808
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.7

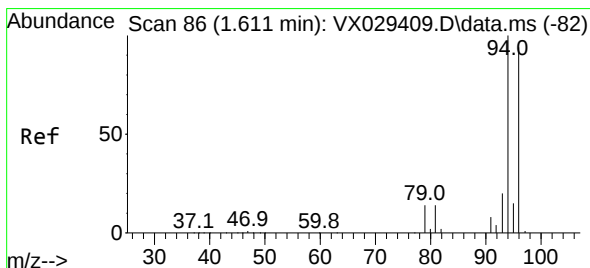
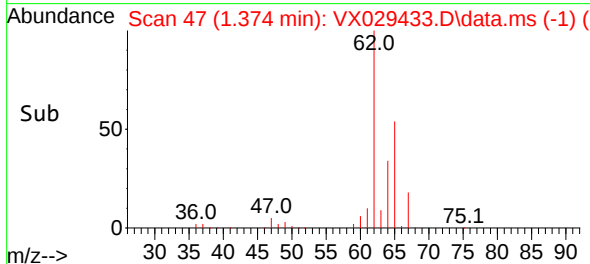
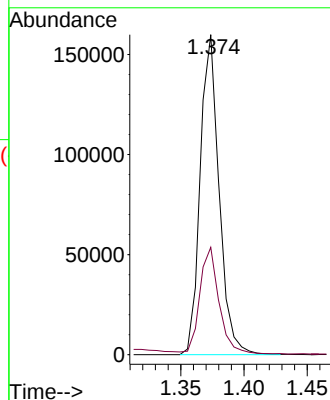
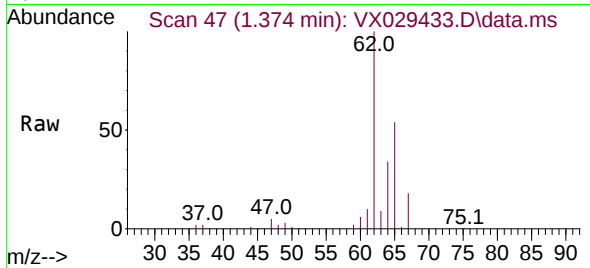




#5
 Vinyl chloride
 Concen: 48.555 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

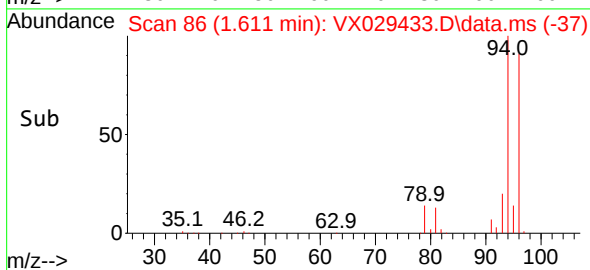
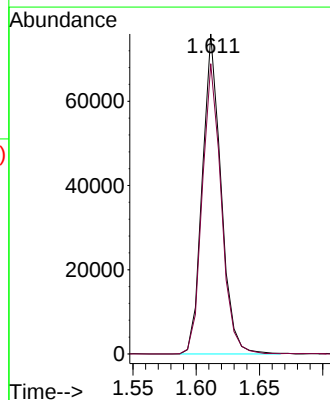
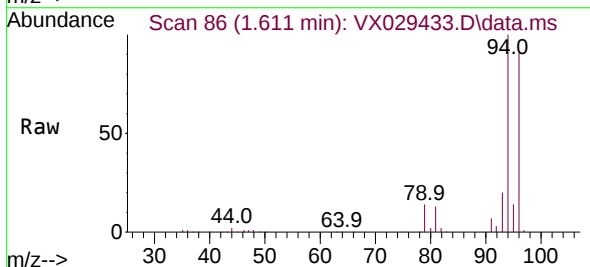
Instrument :
 MSVOA_X
 ClientSampleId :
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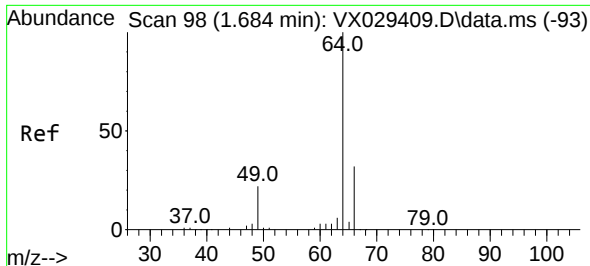
Tgt Ion: 62 Resp: 166531
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.3 43.3



#6
 Bromomethane
 Concen: 48.595 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

Tgt Ion: 94 Resp: 78201
 Ion Ratio Lower Upper
 94 100
 96 90.7 64.9 120.5

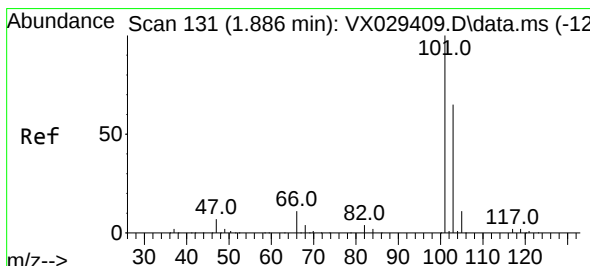
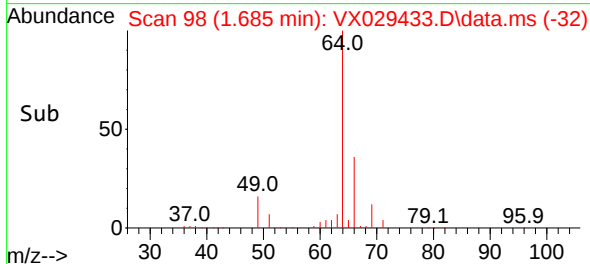
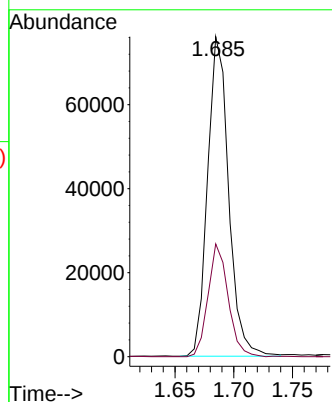
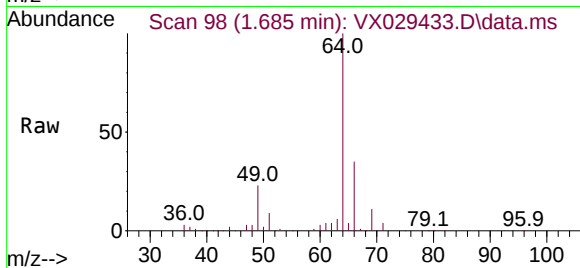




#8
Chloroethane
Concen: 53.838 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

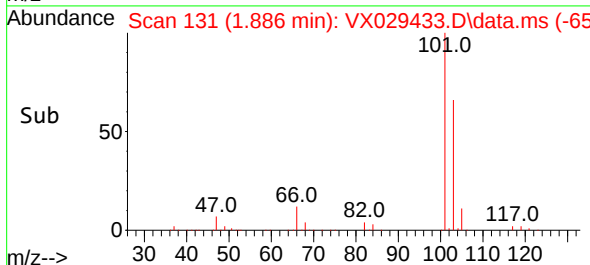
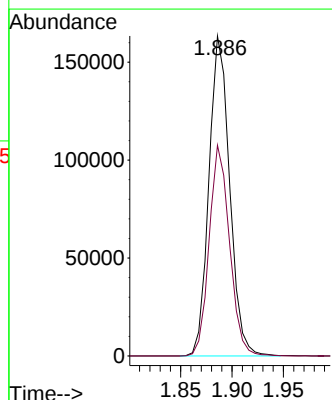
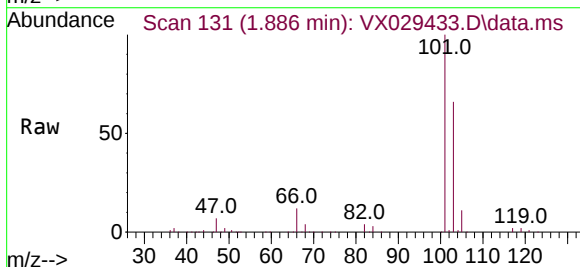
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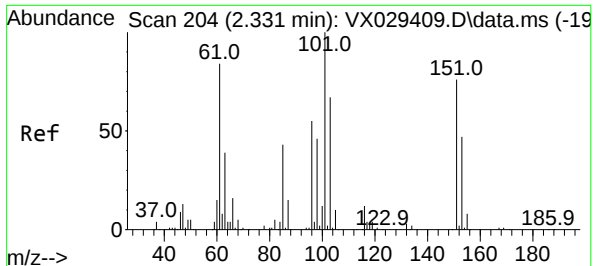
Tgt Ion: 64 Resp: 94680
Ion Ratio Lower Upper
64 100
66 35.3 24.2 45.0



#9
Trichlorofluoromethane
Concen: 46.641 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 101 Resp: 228736
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

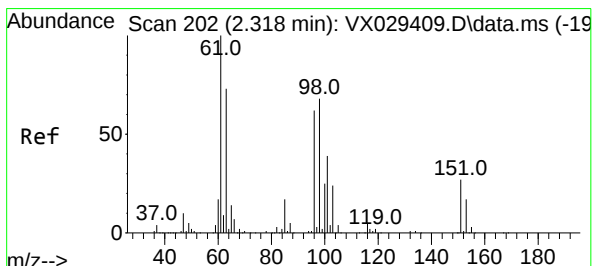
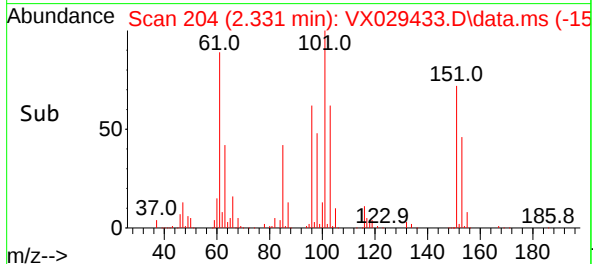
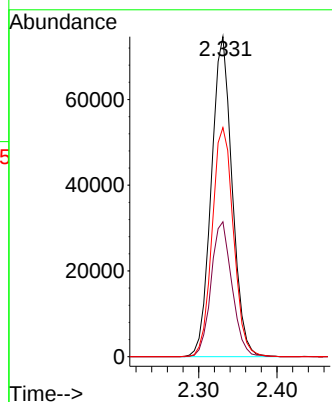
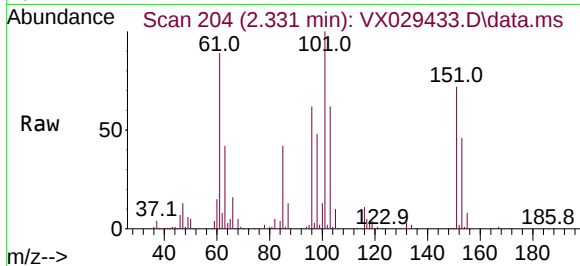




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.775 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029433.D
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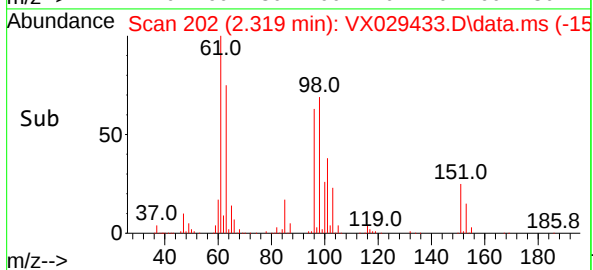
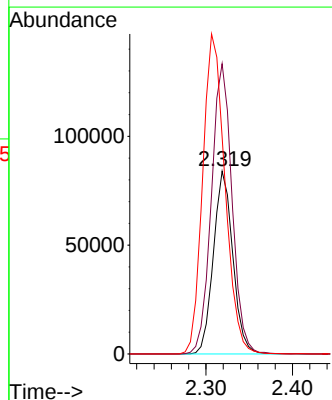
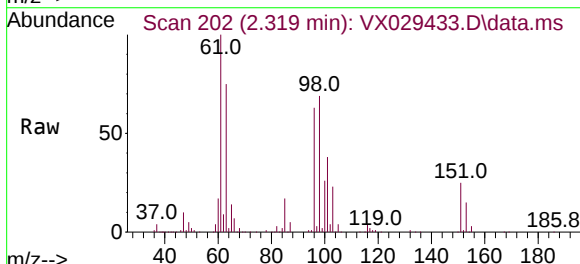
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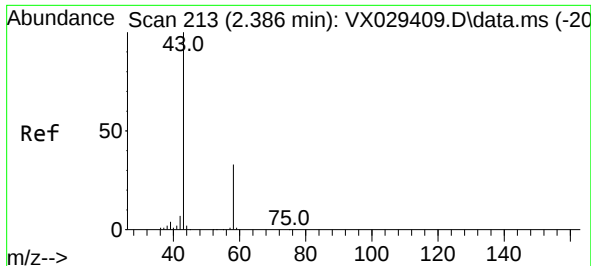
Tgt Ion:101 Resp: 137952
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.9 50.9
 151 73.3 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 49.081 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

Tgt Ion: 96 Resp: 131037
 Ion Ratio Lower Upper
 96 100
 61 158.8 118.2 219.4
 63 118.8 109.6 203.4





#13

Acetone

Concen: 92.995 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

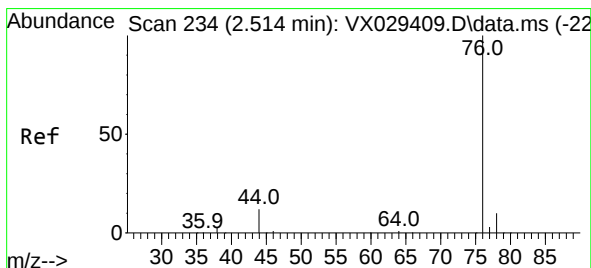
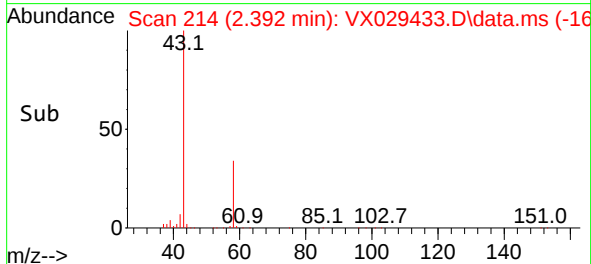
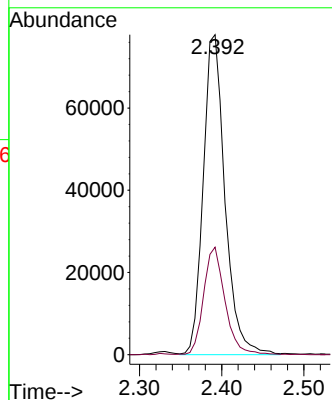
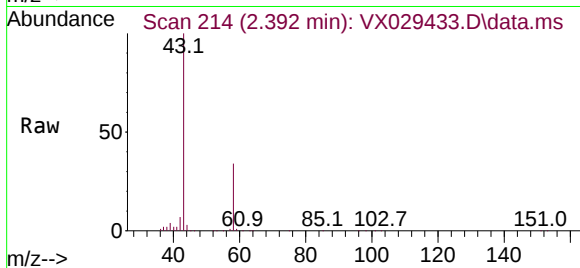
VSTD050755

Tgt Ion: 43 Resp: 143267

Ion Ratio Lower Upper

43 100

58 33.0 0.0 61.4



#14

Carbon disulfide

Concen: 40.116 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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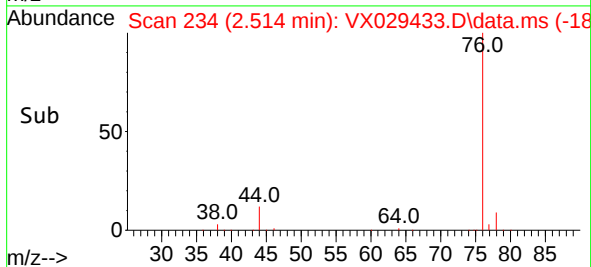
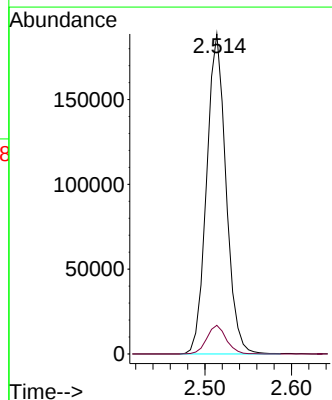
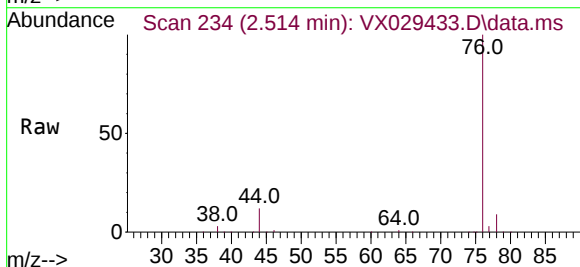
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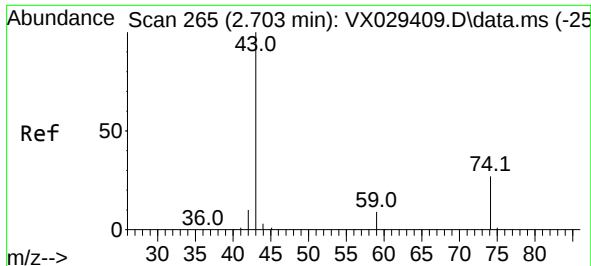
Tgt Ion: 76 Resp: 293712

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

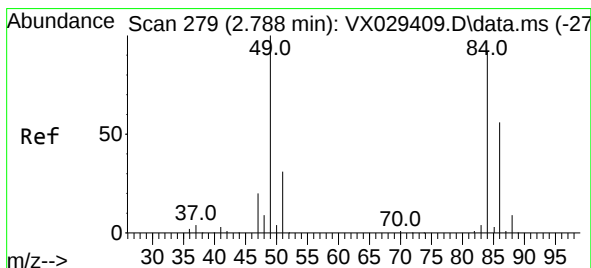
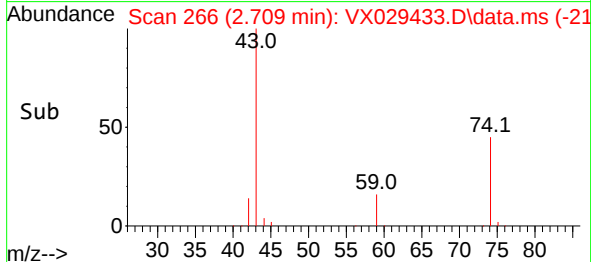
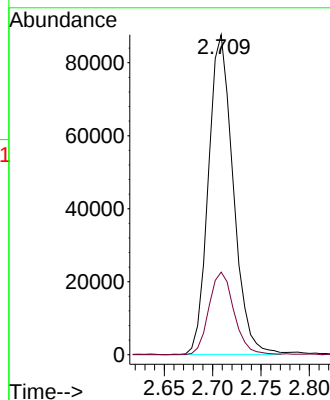
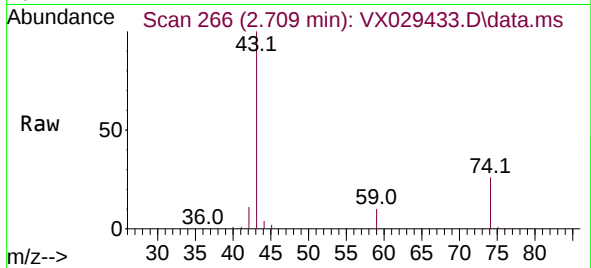




#15
Methyl Acetate
Concen: 51.086 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

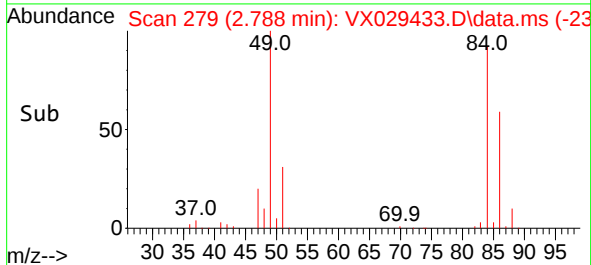
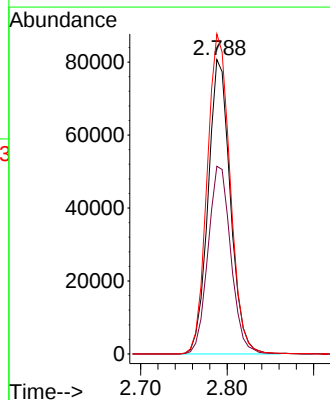
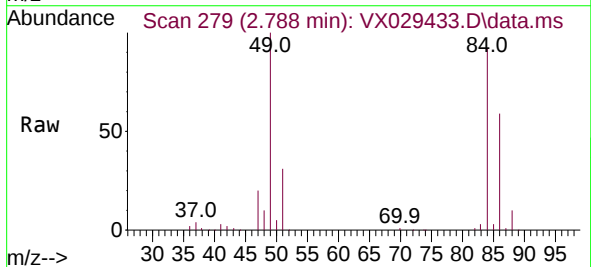
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

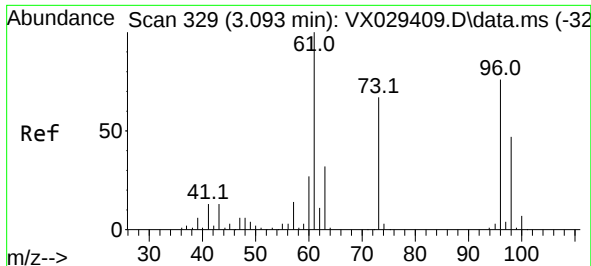
Tgt Ion: 43 Resp: 156126
Ion Ratio Lower Upper
43 100
74 26.1 18.2 27.4



#16
Methylene chloride
Concen: 48.743 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 84 Resp: 144215
Ion Ratio Lower Upper
84 100
86 63.8 44.8 83.2
49 108.7 87.0 161.6

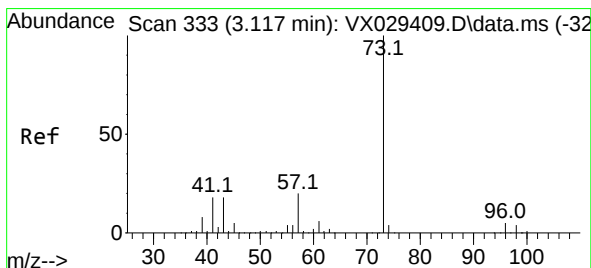
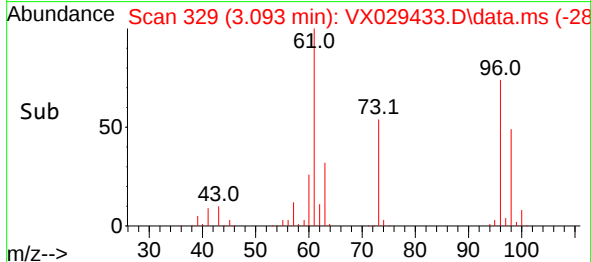
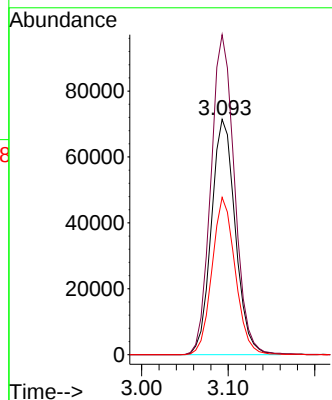
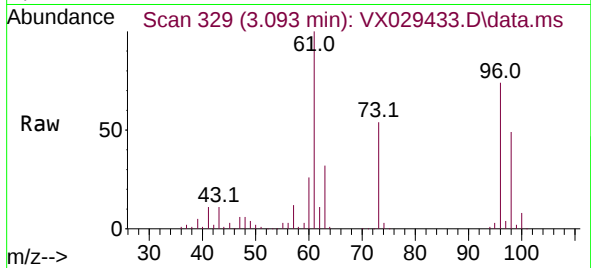




#17
trans-1,2-Dichloroethene
Concen: 47.999 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

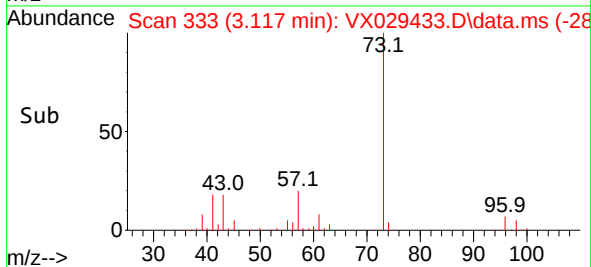
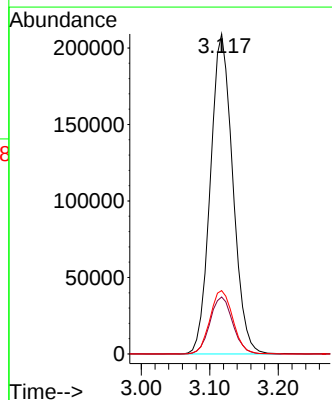
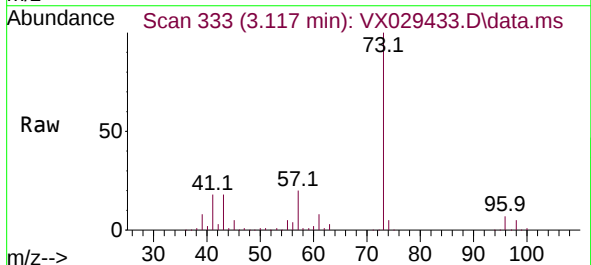
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

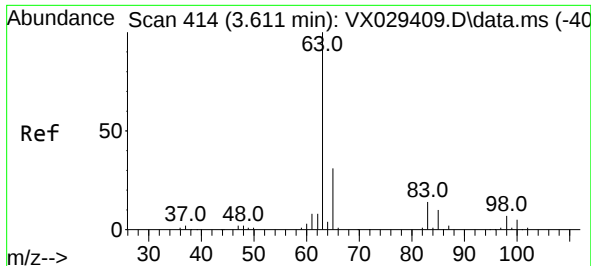
Tgt Ion: 96 Resp: 137242
Ion Ratio Lower Upper
96 100
61 136.0 93.0 172.6
98 66.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 49.491 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 73 Resp: 473993
Ion Ratio Lower Upper
73 100
43 18.2 16.2 24.4
57 20.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.062 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050755

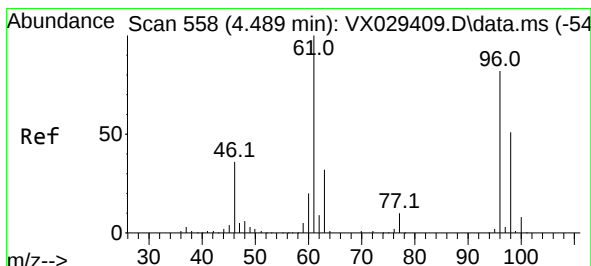
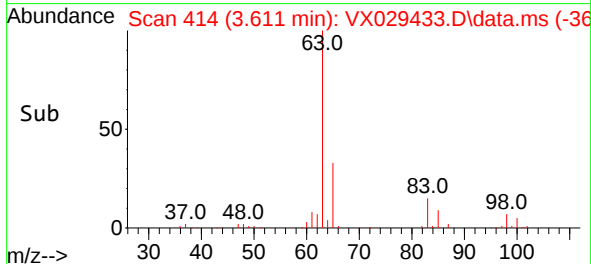
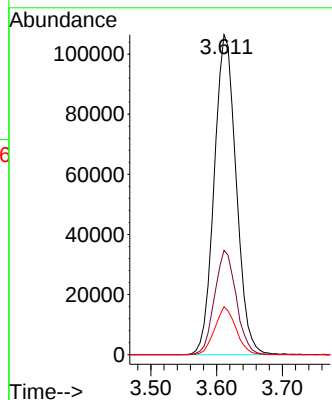
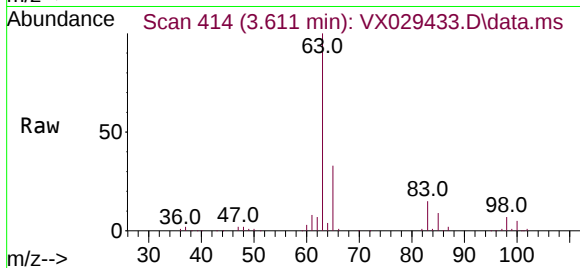
Tgt Ion: 63 Resp: 247790

Ion Ratio Lower Upper

63 100

65 32.6 22.9 42.5

83 15.0 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 48.573 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

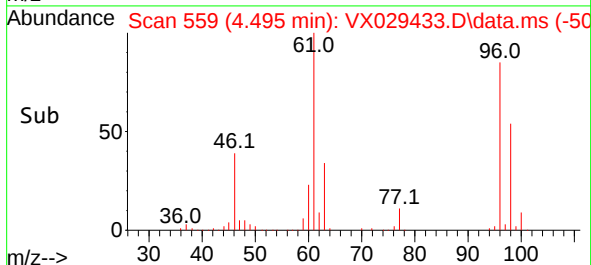
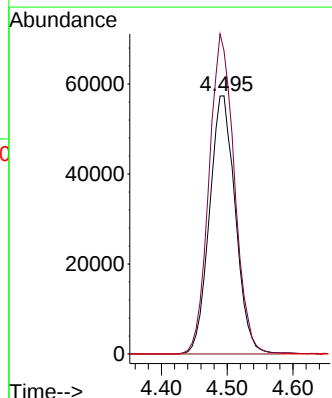
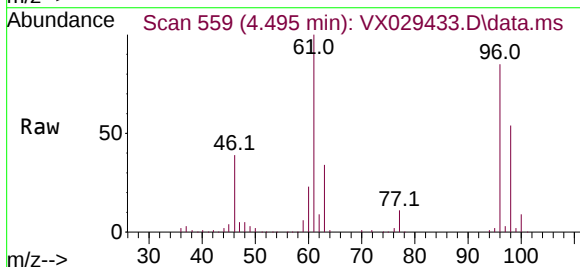
Tgt Ion: 96 Resp: 156975

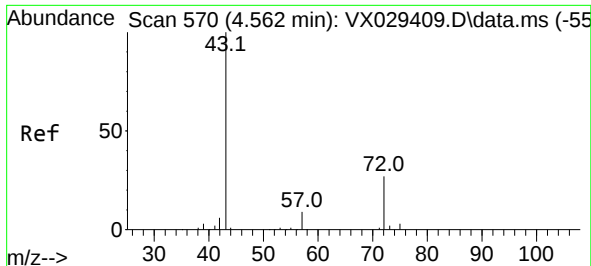
Ion Ratio Lower Upper

96 100

61 117.4 86.7 161.1

68 0.0 0.0 0.0

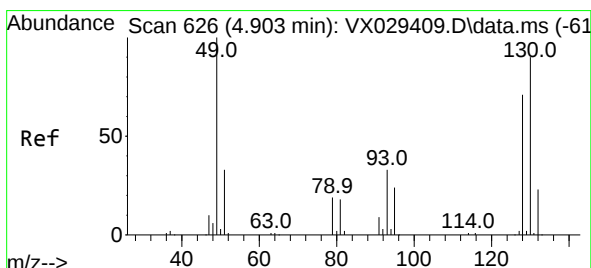
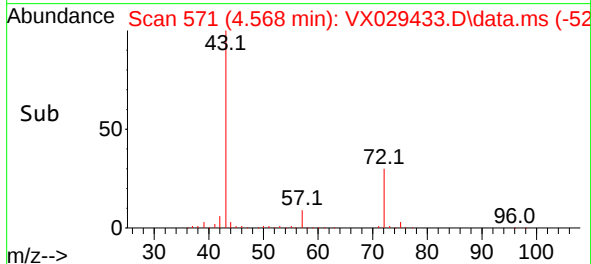
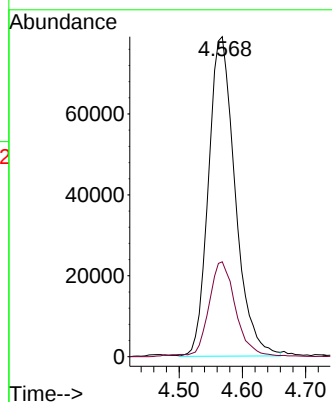
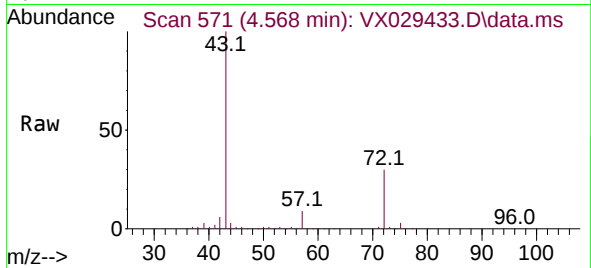




#22
2-Butanone
Concen: 99.826 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

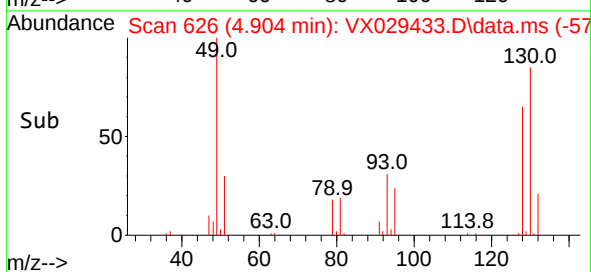
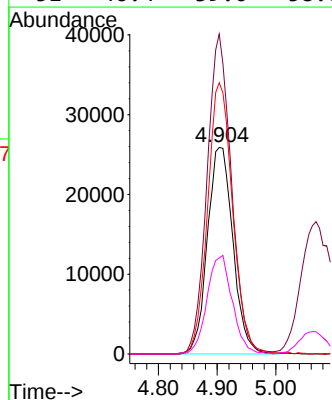
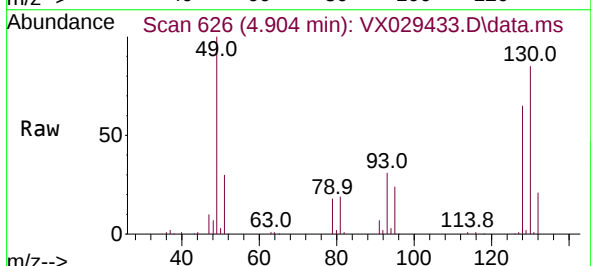
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

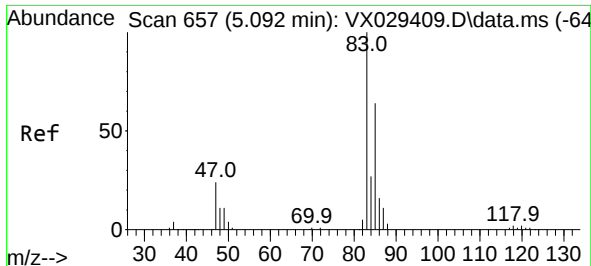
Tgt Ion: 43 Resp: 231511
Ion Ratio Lower Upper
43 100
72 28.7 13.2 39.5



#23
Bromochloromethane
Concen: 48.795 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 128 Resp: 78047
Ion Ratio Lower Upper
128 100
49 154.9 110.2 204.6
130 131.3 88.2 163.8
51 46.4 39.0 58.6





#25

Chloroform

Concen: 48.493 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

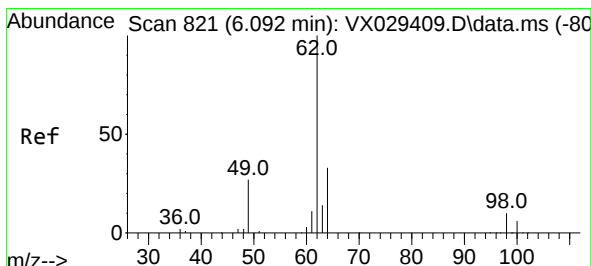
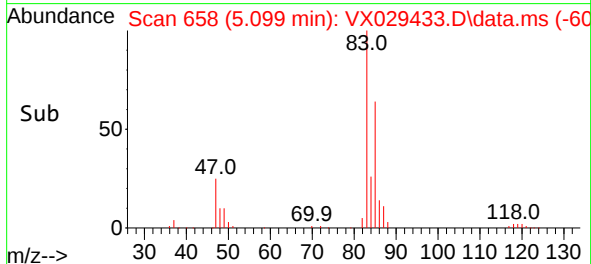
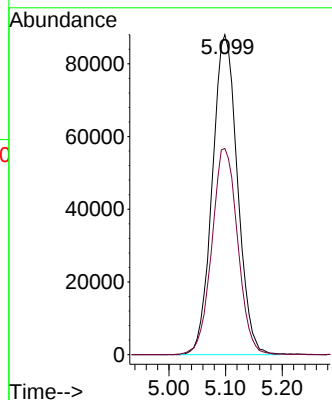
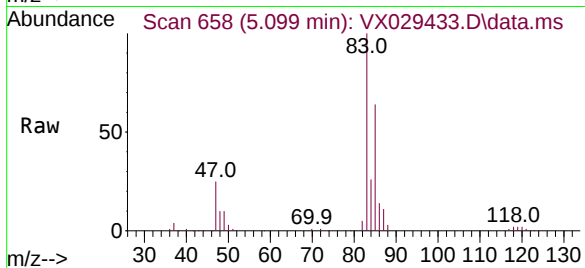
VSTD050755

Tgt Ion: 83 Resp: 270832

Ion Ratio Lower Upper

83 100

85 64.5 44.2 82.2



#27

1,2-Dichloroethane

Concen: 48.899 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX029433.D

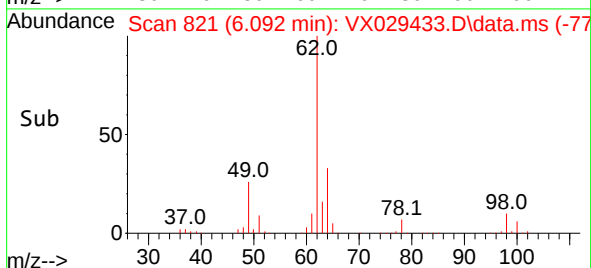
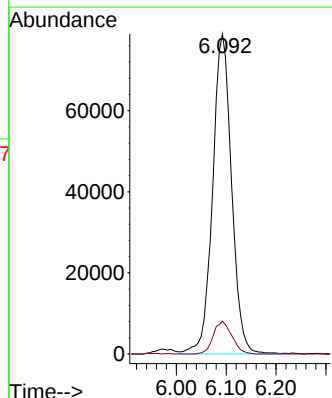
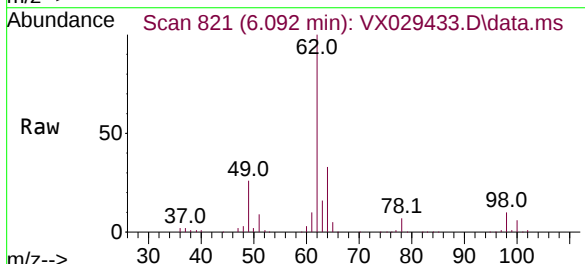
Acq: 13 Jun 2022 23:12

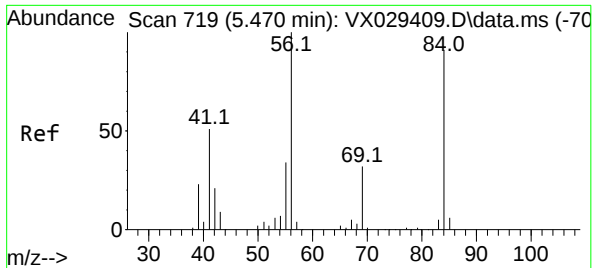
Tgt Ion: 62 Resp: 208660

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2

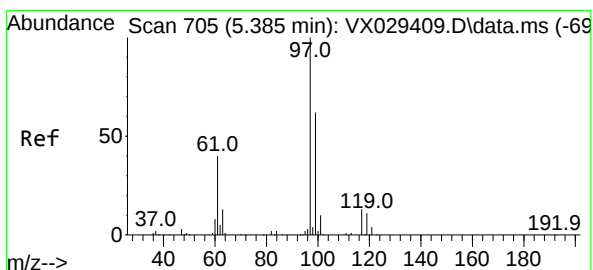
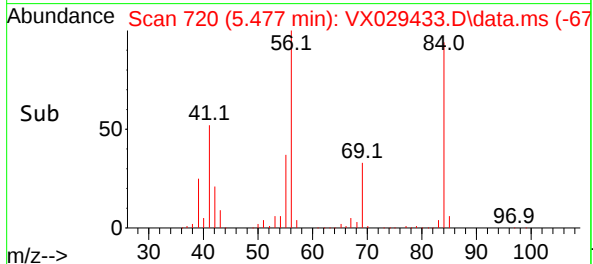
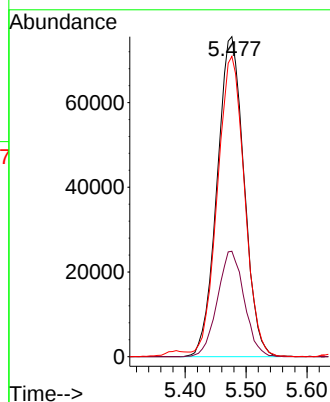
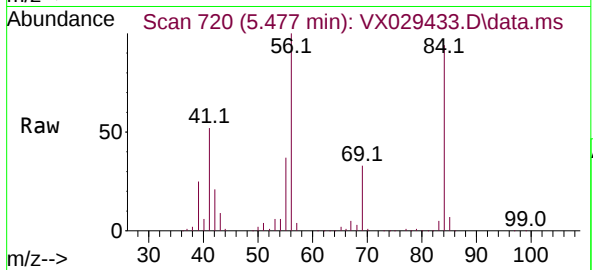




#29
Cyclohexane
Concen: 48.053 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

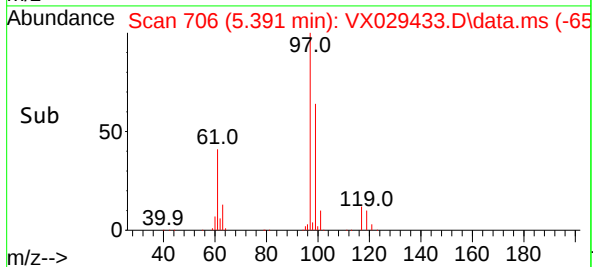
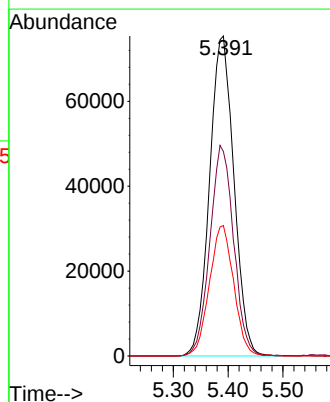
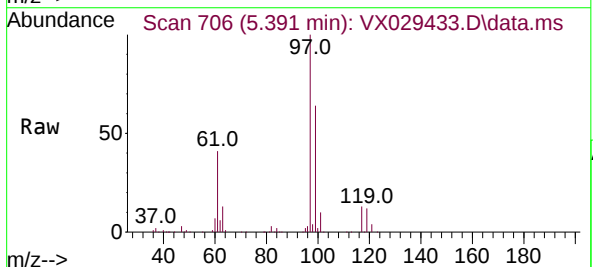
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

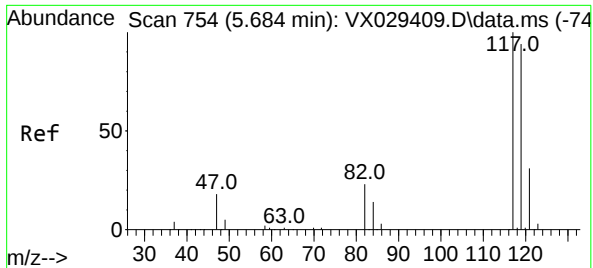
Tgt Ion: 56 Resp: 232228
Ion Ratio Lower Upper
56 100
69 32.7 24.6 36.8
84 94.2 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 46.291 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 97 Resp: 232447
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 40.7 35.2 52.8

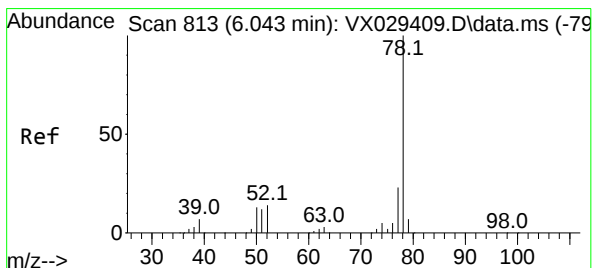
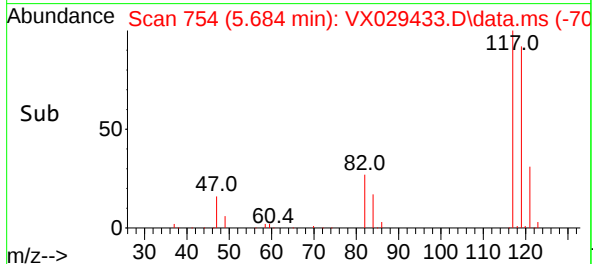
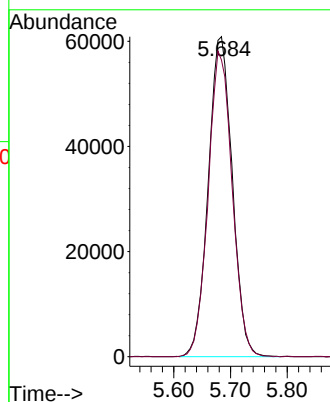
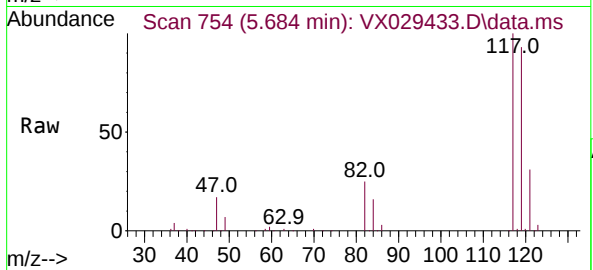




#31
Carbon tetrachloride
Concen: 44.480 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

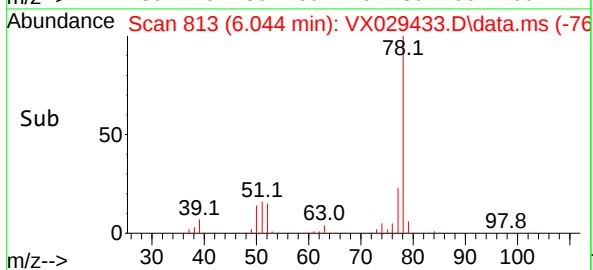
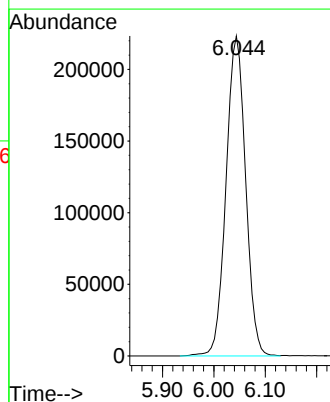
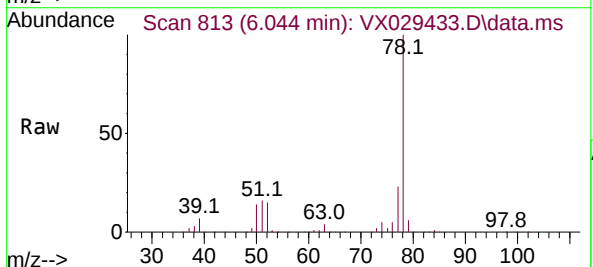
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

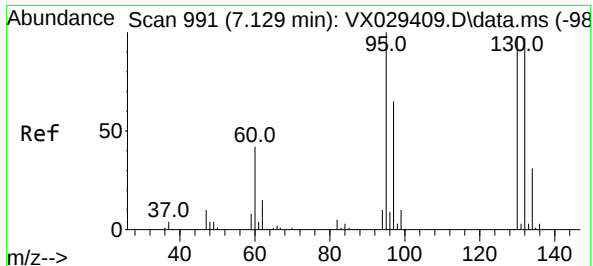
Tgt Ion:117 Resp: 179286
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.8



#33
Benzene
Concen: 49.881 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 78 Resp: 590592

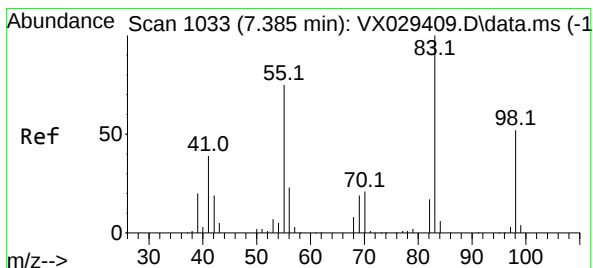
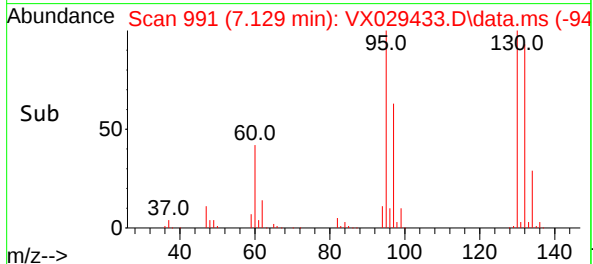
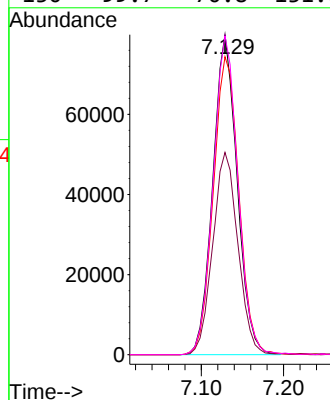
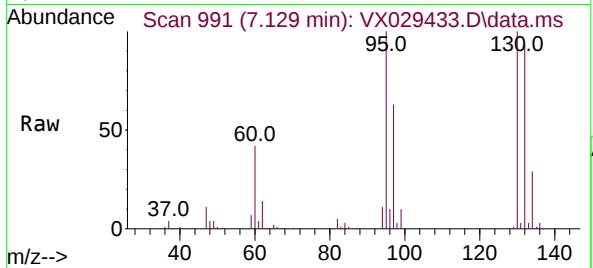




#34
Trichloroethene
Concen: 39.385 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

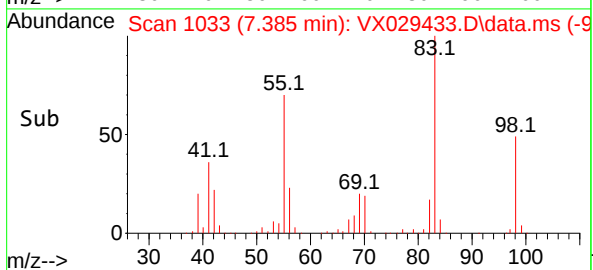
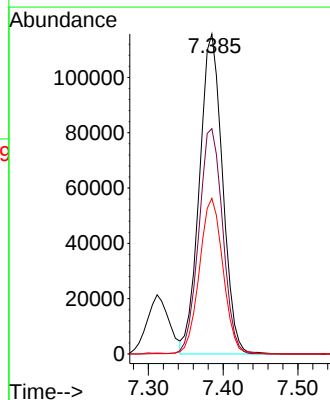
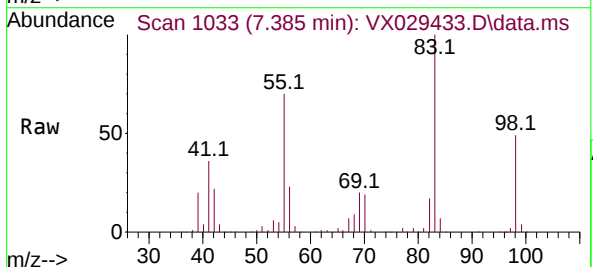
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

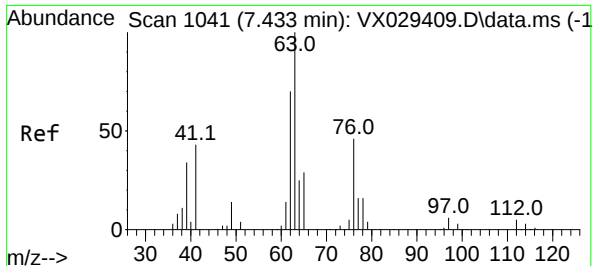
Tgt Ion: 95 Resp: 164347
Ion Ratio Lower Upper
95 100
97 63.2 45.5 84.5
132 93.1 69.9 129.7
130 99.7 70.8 131.6



#35
Methylcyclohexane
Concen: 47.175 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 83 Resp: 248517
Ion Ratio Lower Upper
83 100
55 72.5 60.6 90.8
98 49.6 39.8 59.8





#37

1,2-Dichloropropane

Concen: 49.750 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

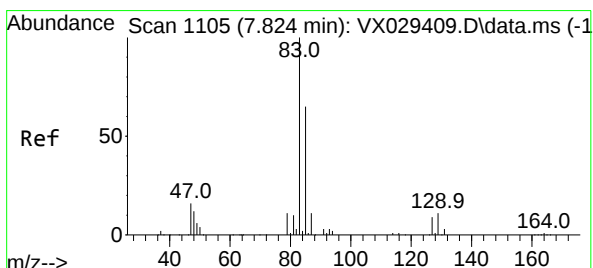
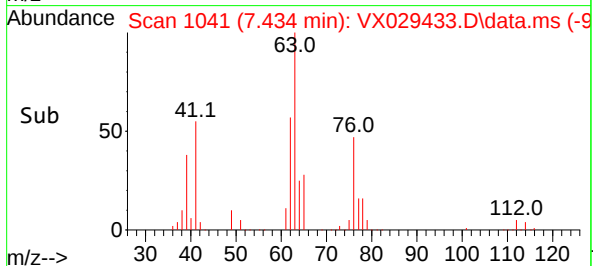
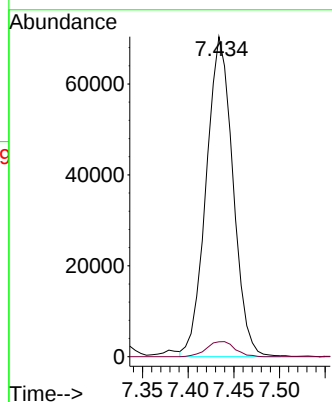
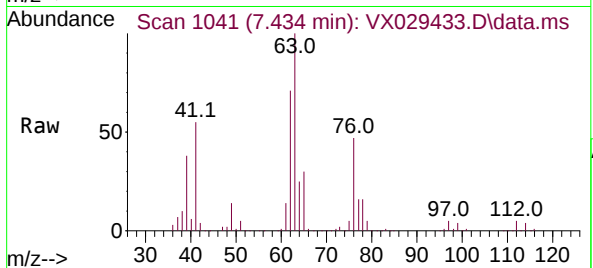
VSTD050755

Tgt Ion: 63 Resp: 143605

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 44.598 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

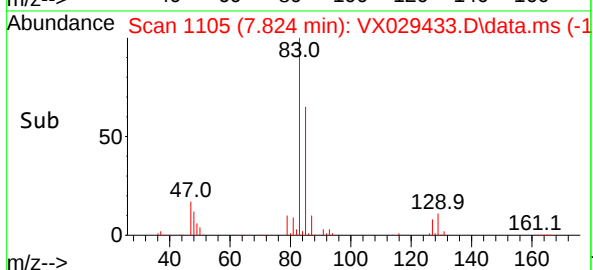
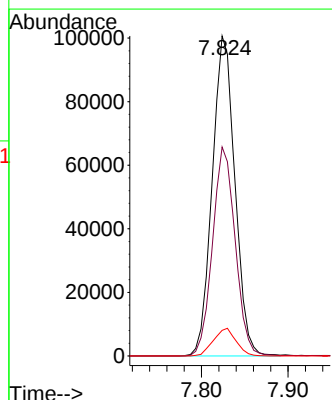
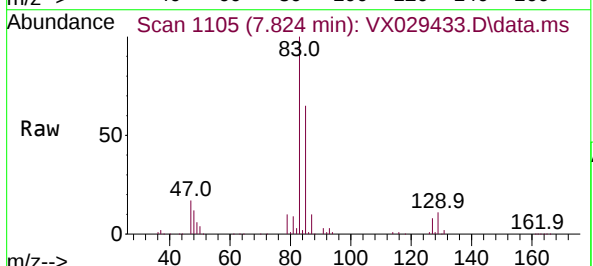
Tgt Ion: 83 Resp: 183234

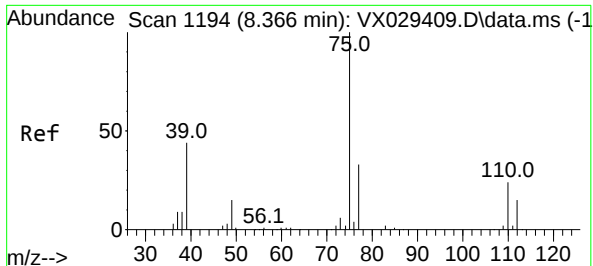
Ion Ratio Lower Upper

83 100

85 65.3 44.7 83.1

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 44.475 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

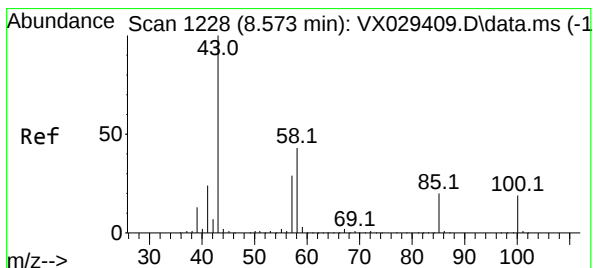
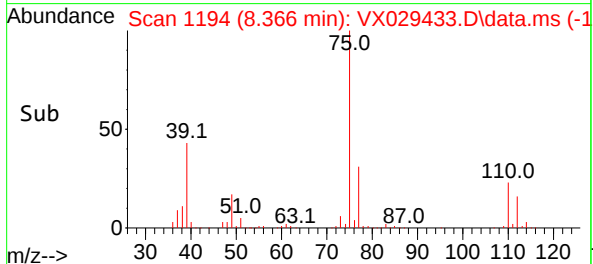
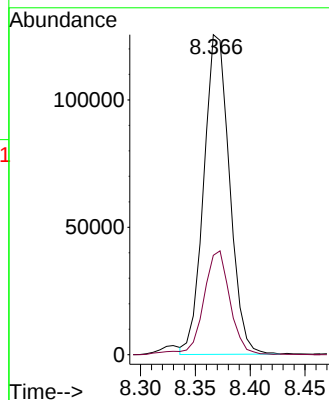
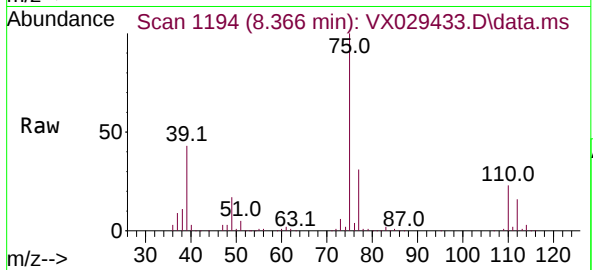
VSTD050755

Tgt Ion: 75 Resp: 205184

Ion Ratio Lower Upper

75 100

77 31.0 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 101.611 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

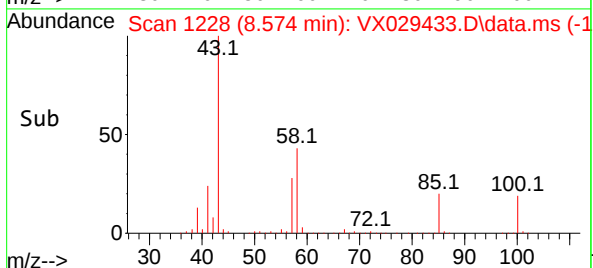
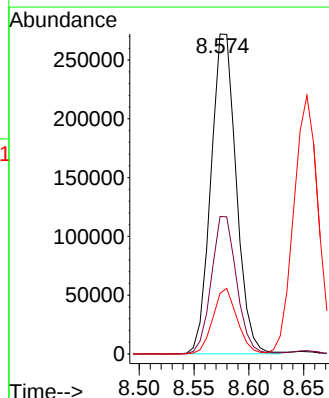
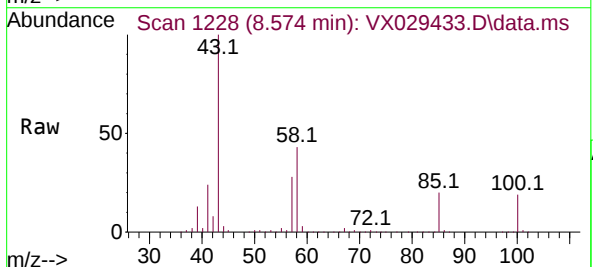
Tgt Ion: 43 Resp: 438421

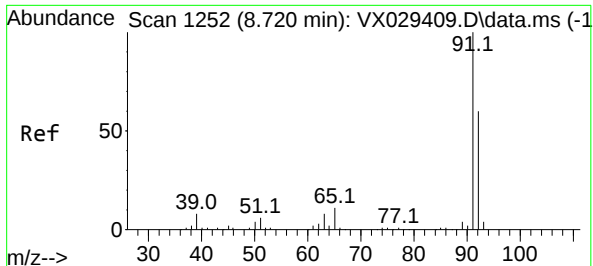
Ion Ratio Lower Upper

43 100

58 42.7 31.0 46.6

100 19.6 13.0 19.4

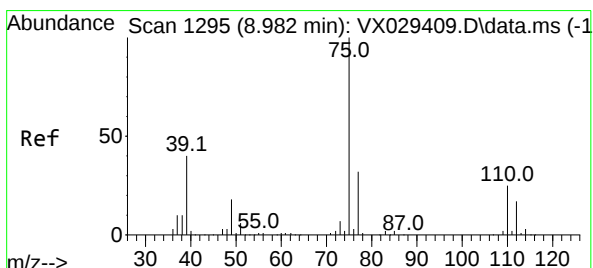
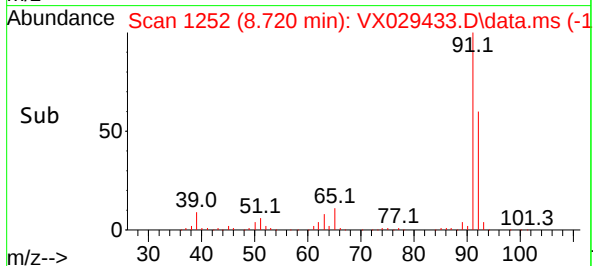
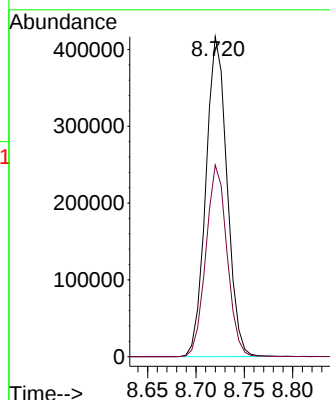
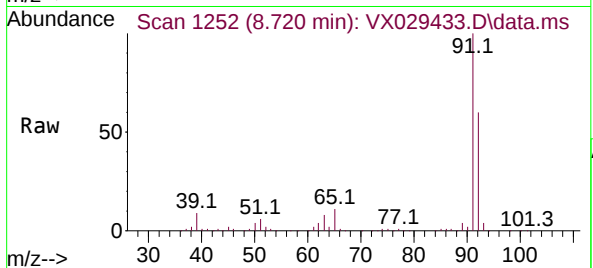




#42
Toluene
Concen: 49.164 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

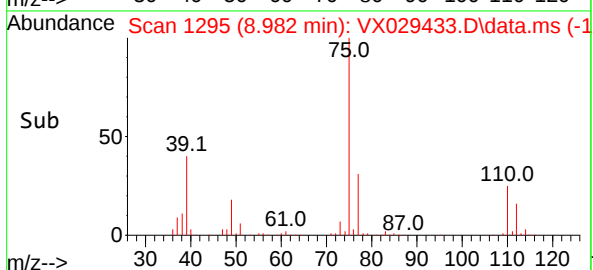
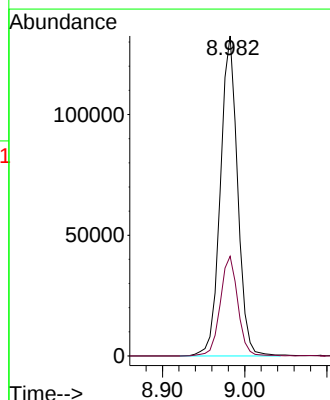
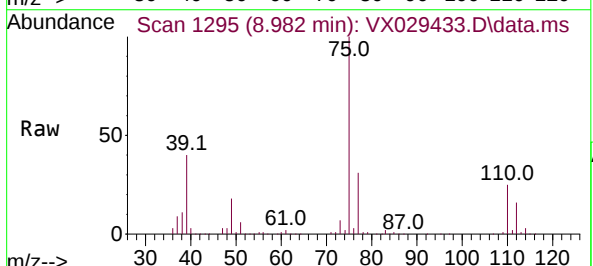
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

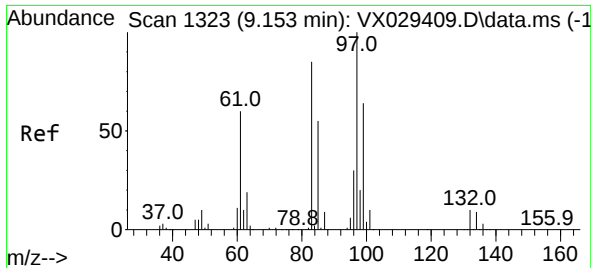
Tgt Ion: 91 Resp: 634318
Ion Ratio Lower Upper
91 100
92 59.9 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 44.671 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 75 Resp: 193308
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.3



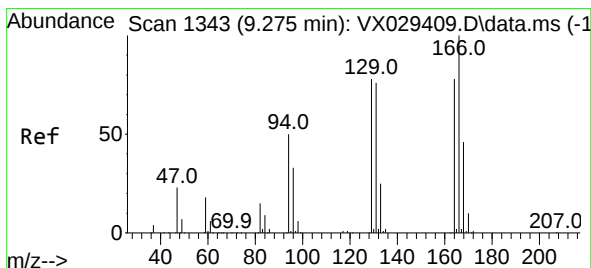
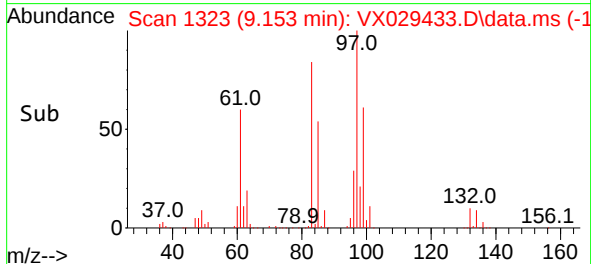
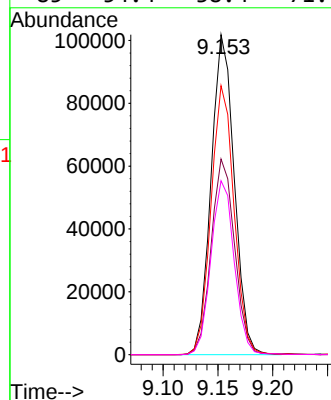
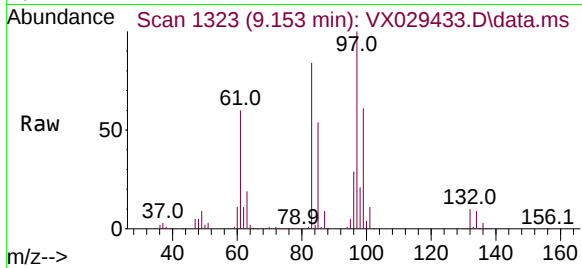


#45
1,1,2-Trichloroethane
Concen: 49.072 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

Tgt Ion: 97 Resp: 149613

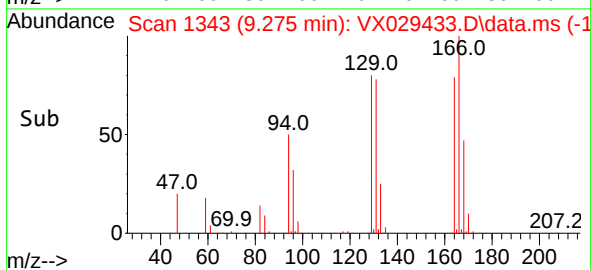
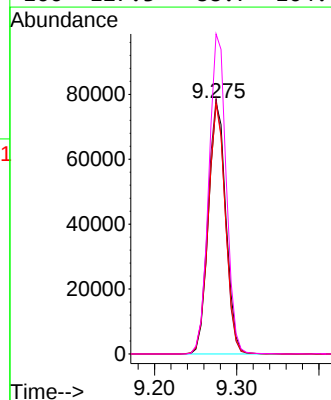
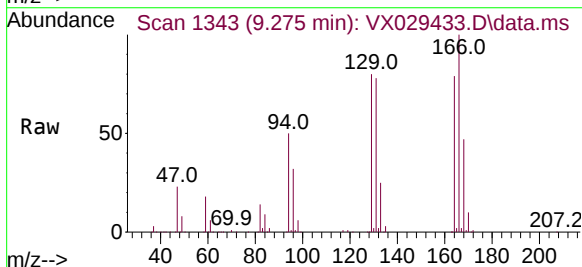
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.5
83	84.0	57.5	106.9
85	54.4	38.4	71.4

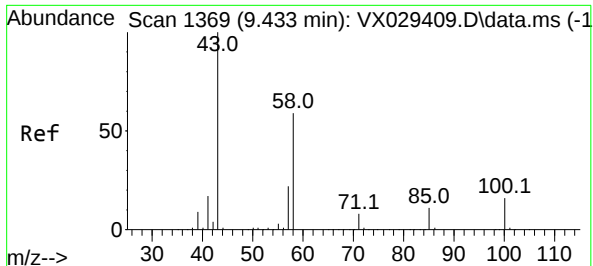


#46
Tetrachloroethene
Concen: 47.618 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 164 Resp: 114059

Ion	Ratio	Lower	Upper
164	100		
129	101.5	65.5	121.7
131	99.5	64.3	119.3
166	127.3	88.7	164.7





#48

2-Hexanone

Concen: 103.921 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050755

Tgt Ion: 43 Resp: 347329

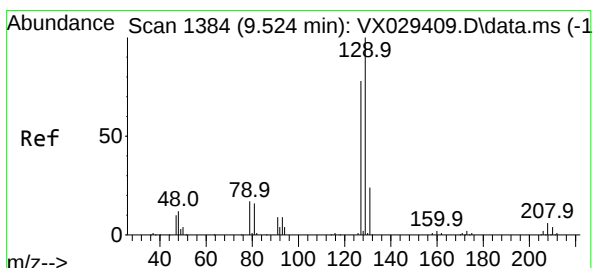
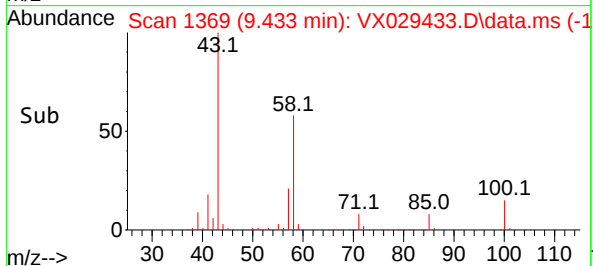
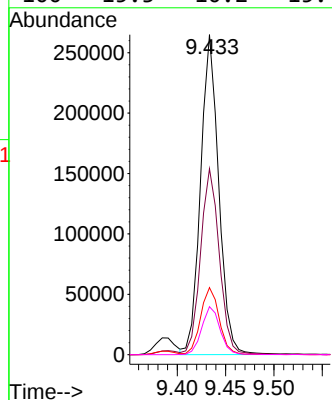
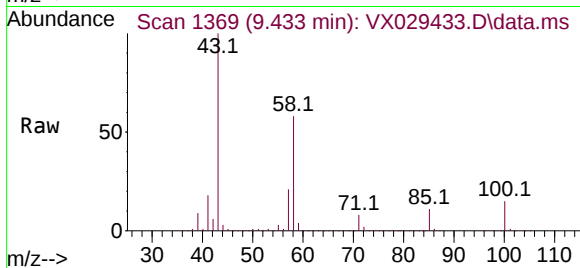
Ion Ratio Lower Upper

43 100

58 59.5 42.9 64.3

57 21.6 15.3 22.9

100 15.3 10.2 15.4



#49

Dibromochloromethane

Concen: 43.414 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX029433.D

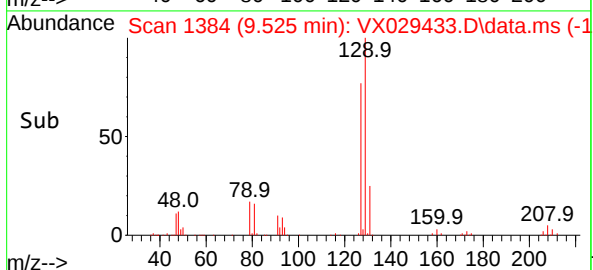
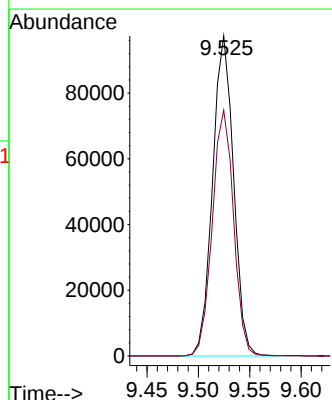
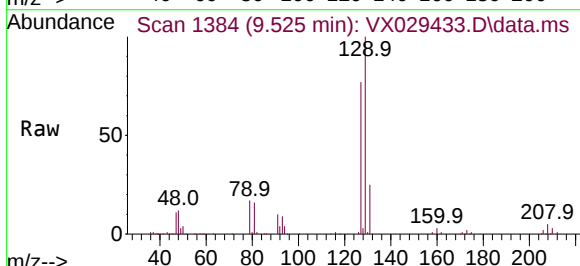
Acq: 13 Jun 2022 23:12

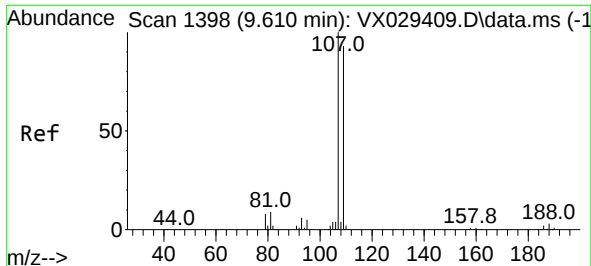
Tgt Ion:129 Resp: 138003

Ion Ratio Lower Upper

129 100

127 76.8 54.3 100.9

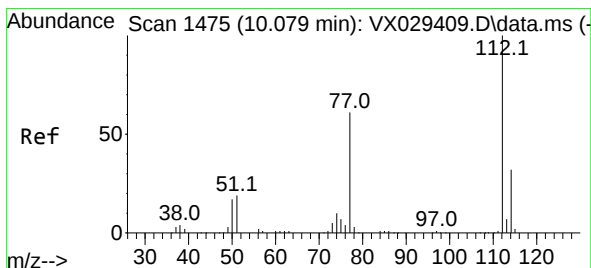
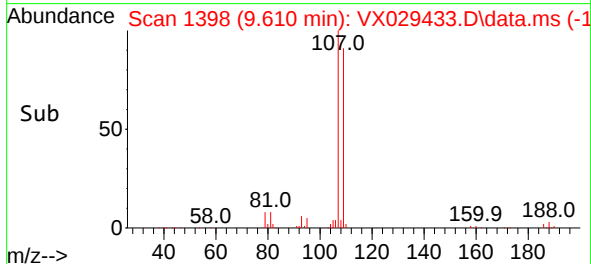
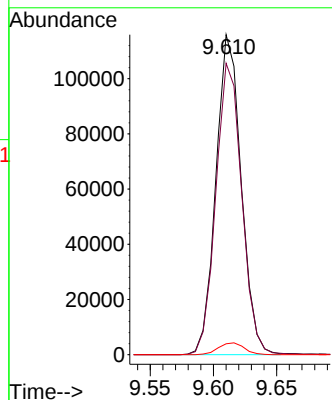
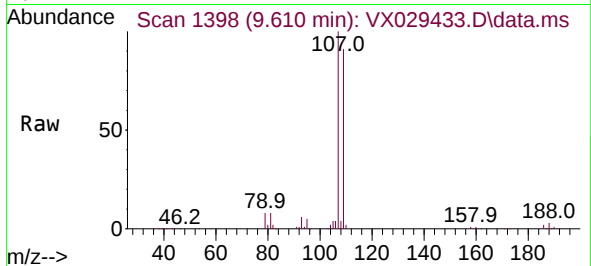




#50
1,2-Dibromoethane
Concen: 49.428 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

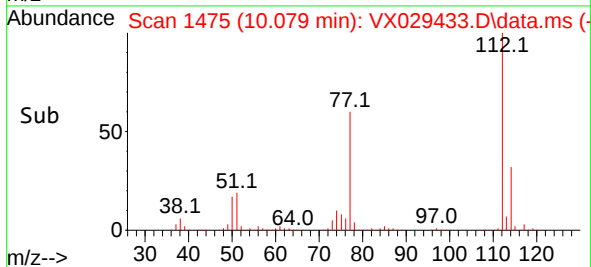
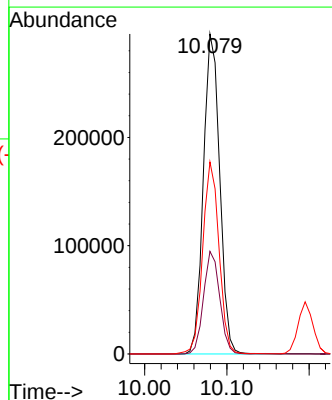
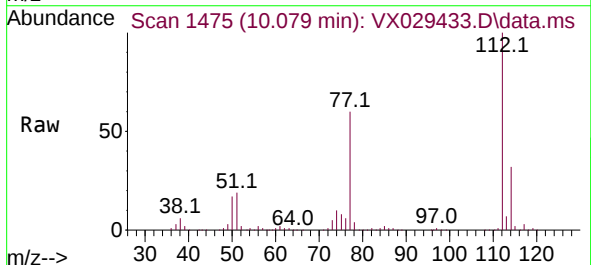
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

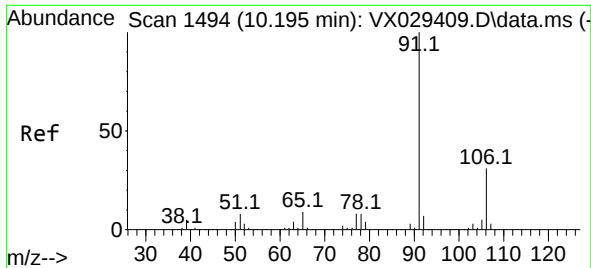
Tgt Ion:107 Resp: 160824
Ion Ratio Lower Upper
107 100
109 91.0 64.9 120.5
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 49.800 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion:112 Resp: 407874
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 60.0 45.9 68.9

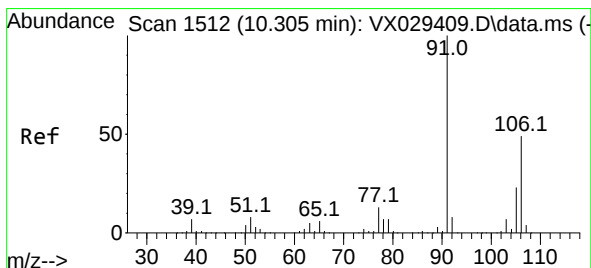
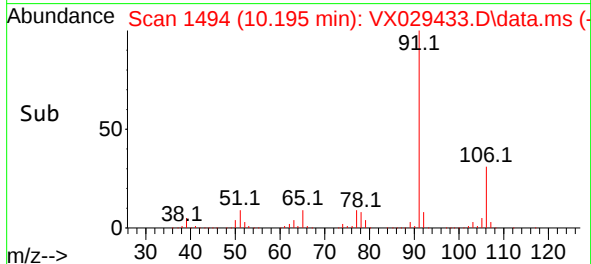
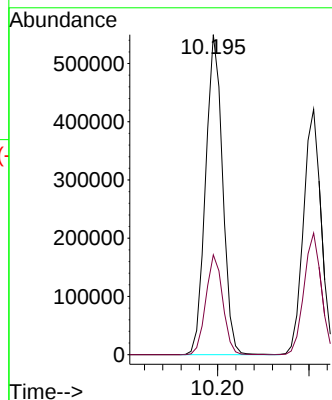
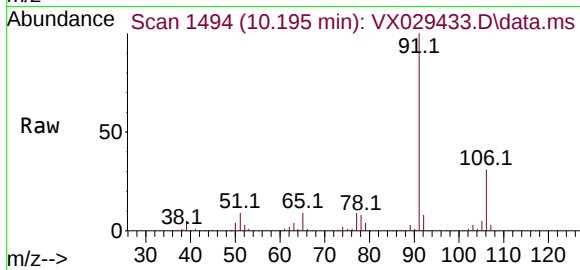




#52
Ethylbenzene
Concen: 50.061 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

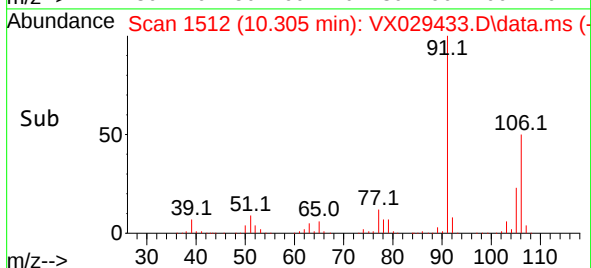
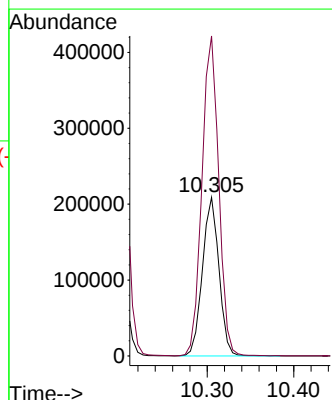
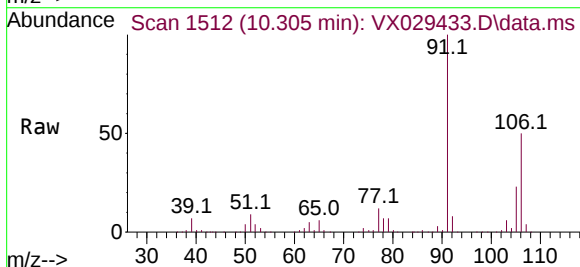
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

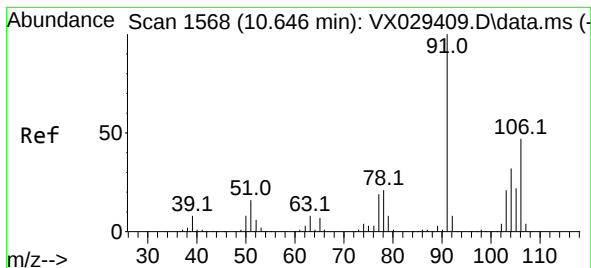
Tgt Ion: 91 Resp: 706863
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 49.919 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 106 Resp: 276686
Ion Ratio Lower Upper
106 100
91 201.8 145.7 270.5





#54

o-Xylene

Concen: 50.347 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

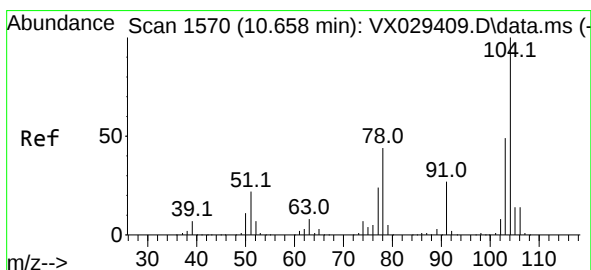
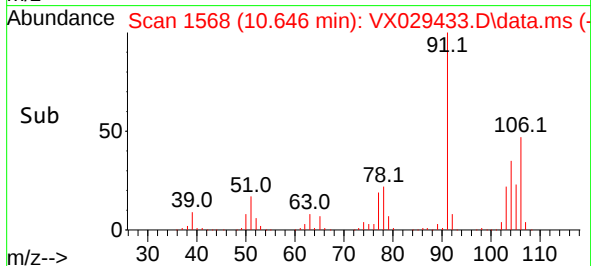
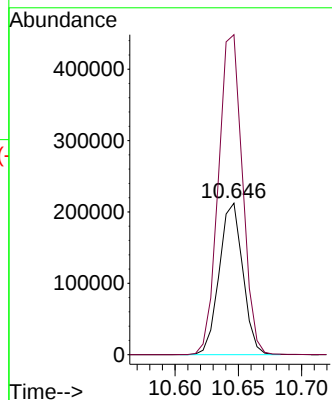
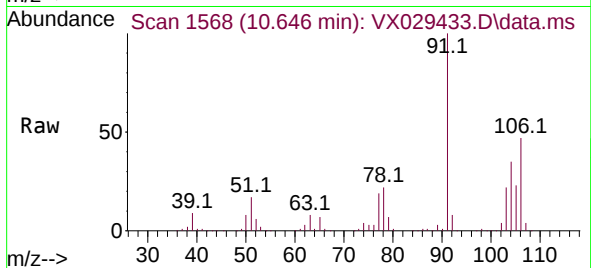
VSTD050755

Tgt Ion:106 Resp: 275226

Ion Ratio Lower Upper

106 100

91 211.2 151.2 280.8



#55

Styrene

Concen: 51.392 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX029433.D

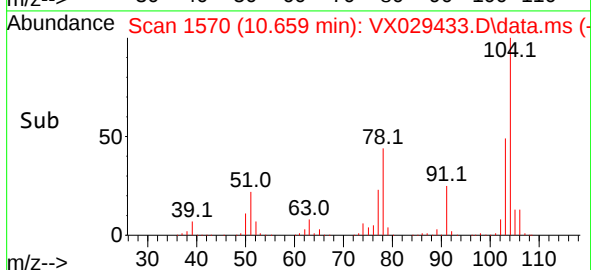
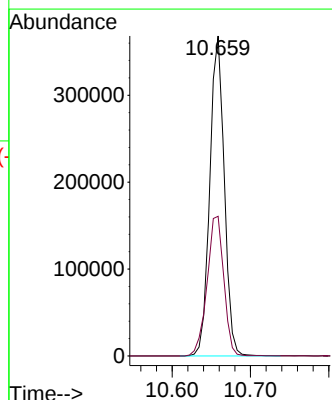
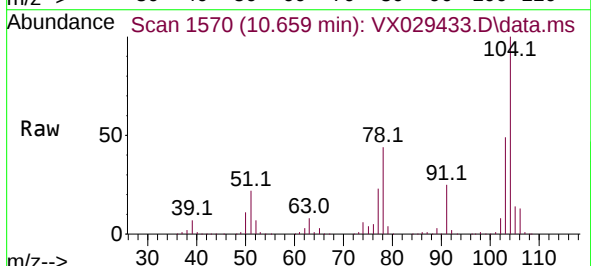
Acq: 13 Jun 2022 23:12

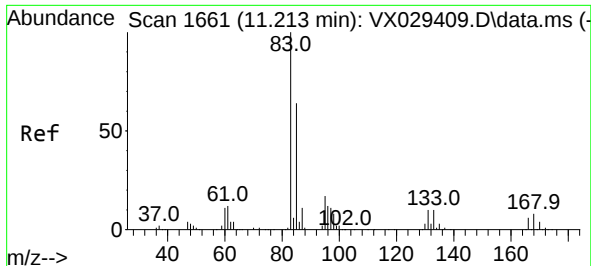
Tgt Ion:104 Resp: 472317

Ion Ratio Lower Upper

104 100

78 43.6 33.3 61.9

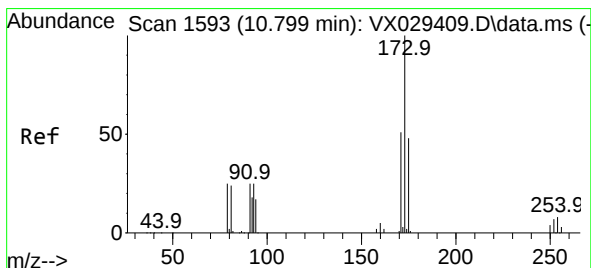
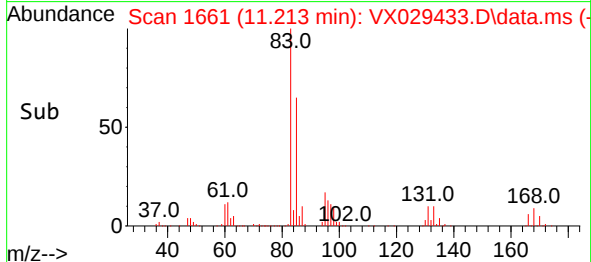
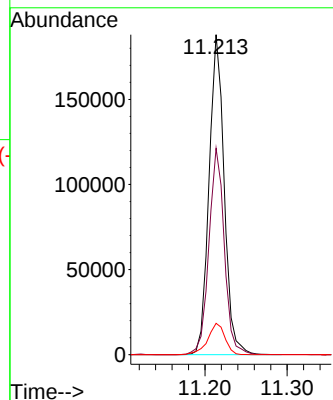
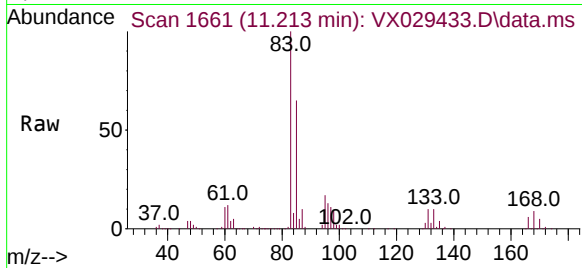




#57
1,1,2,2-Tetrachloroethane
Concen: 50.826 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

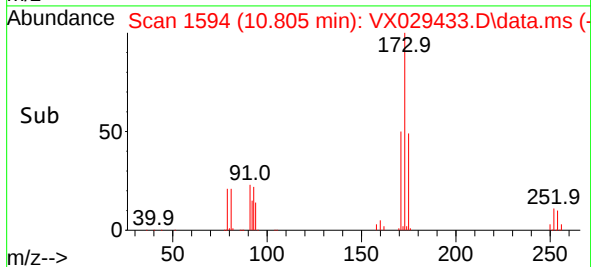
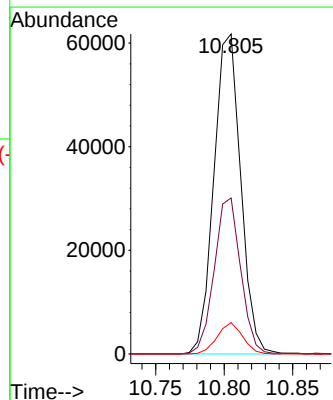
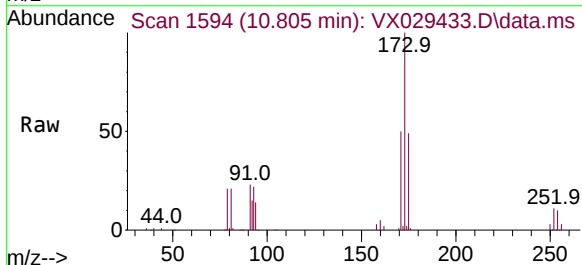
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

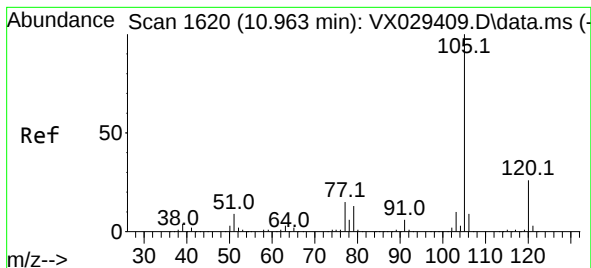
Tgt Ion: 83 Resp: 240144
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2
131 9.8 8.5 12.7



#59
Bromoform
Concen: 39.382 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion: 173 Resp: 83997
Ion Ratio Lower Upper
173 100
175 48.1 38.9 58.3
254 9.2 7.0 10.6





#60

Isopropylbenzene

Concen: 47.938 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050755

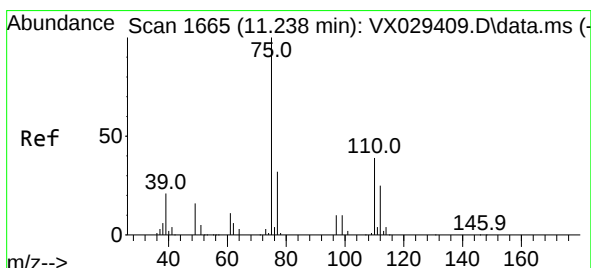
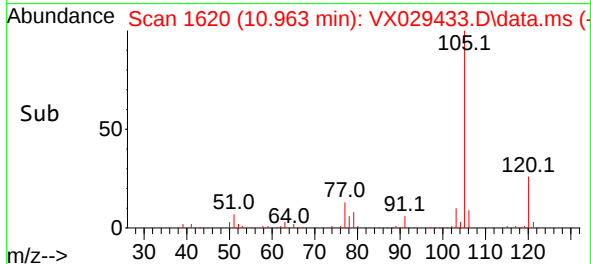
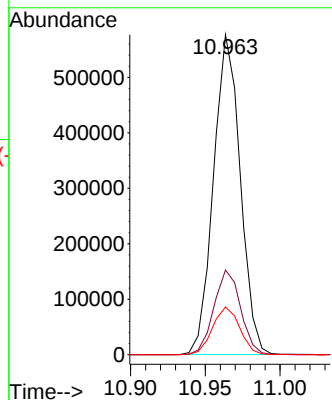
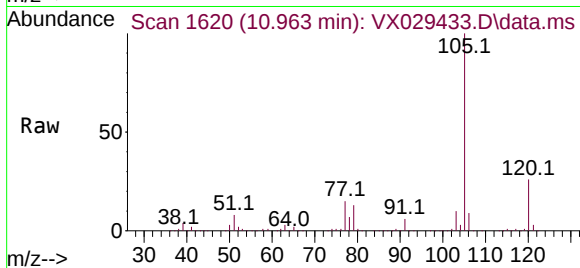
Tgt Ion:105 Resp: 717236

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.1 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 49.415 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

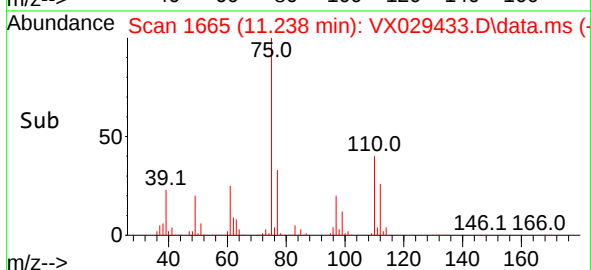
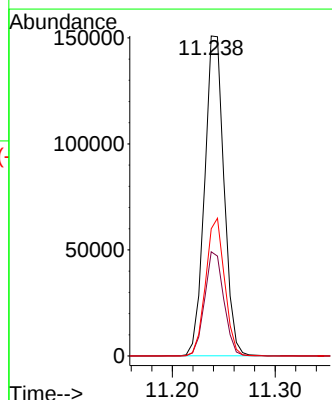
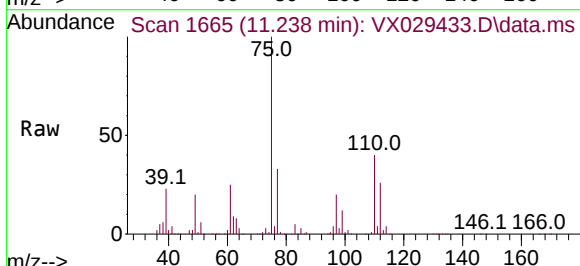
Tgt Ion: 75 Resp: 197982

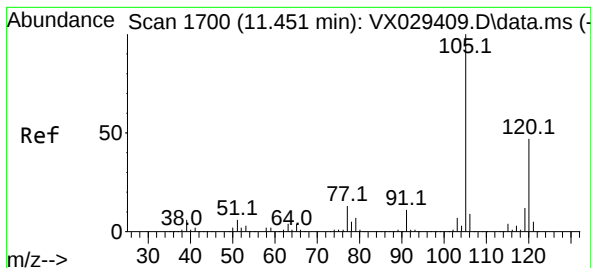
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 42.0 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 48.747 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

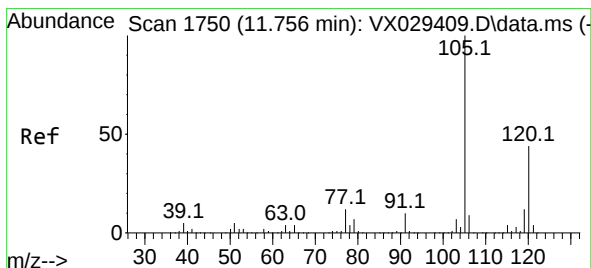
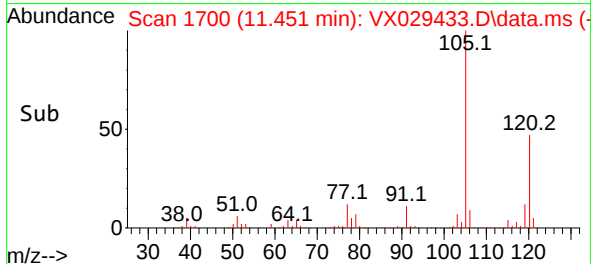
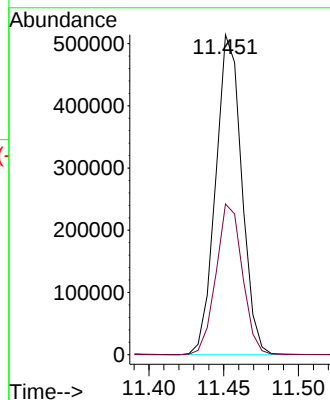
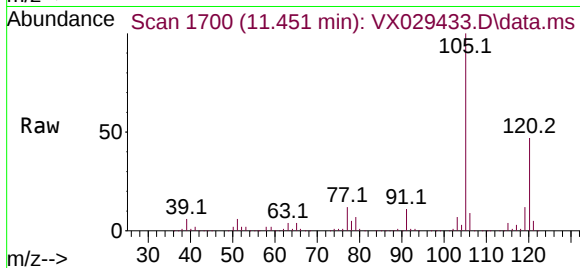
VSTD050755

Tgt Ion:105 Resp: 622896

Ion Ratio Lower Upper

105 100

120 47.7 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 48.710 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029433.D

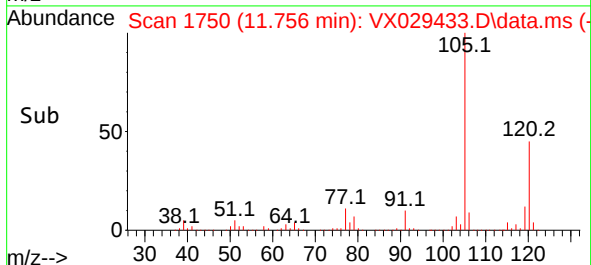
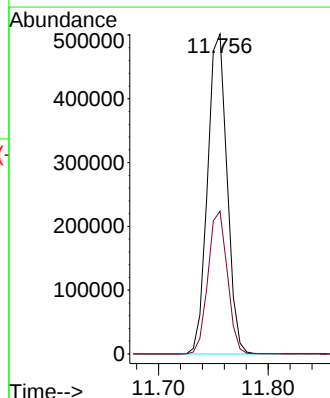
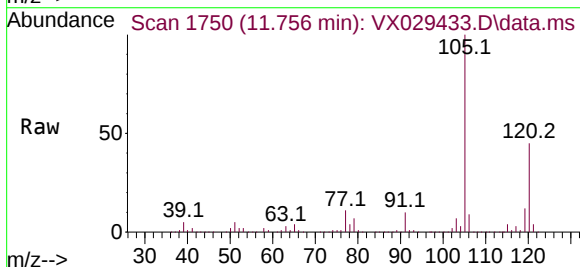
Acq: 13 Jun 2022 23:12

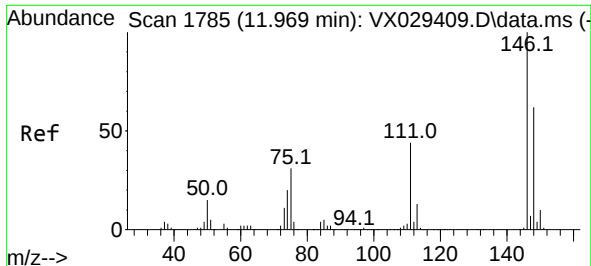
Tgt Ion:105 Resp: 618013

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1

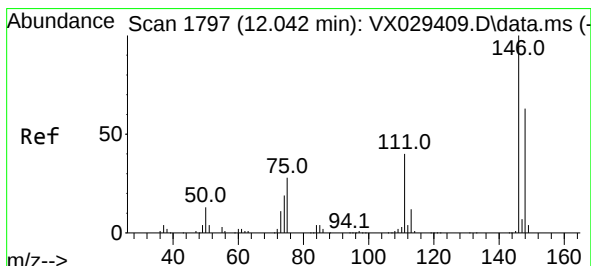
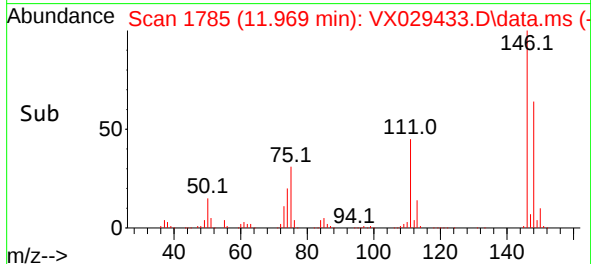
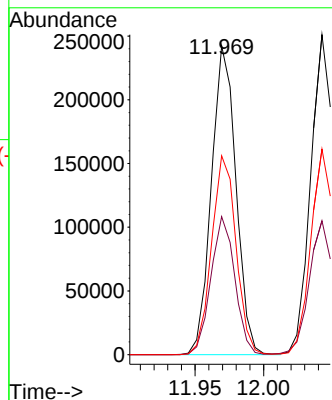
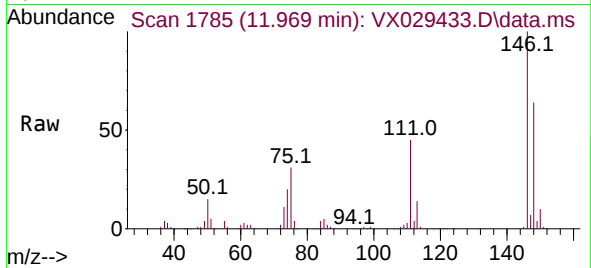




#64
1,3-Dichlorobenzene
Concen: 48.693 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

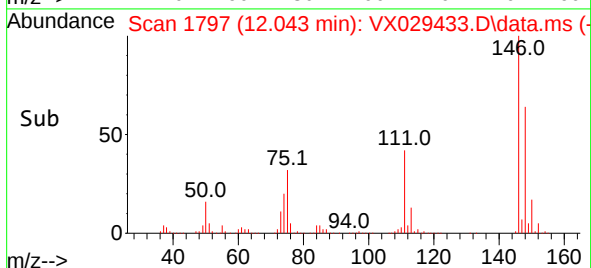
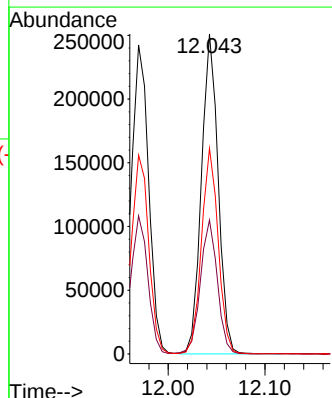
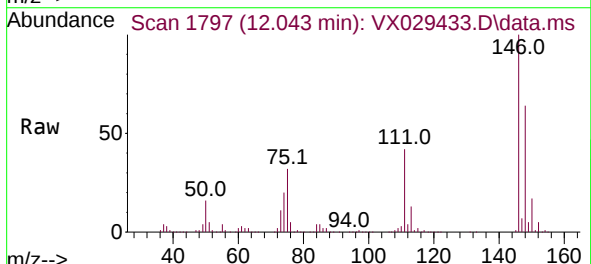
Instrument :
MSVOA_X
ClientSampleId :
VSTD050755

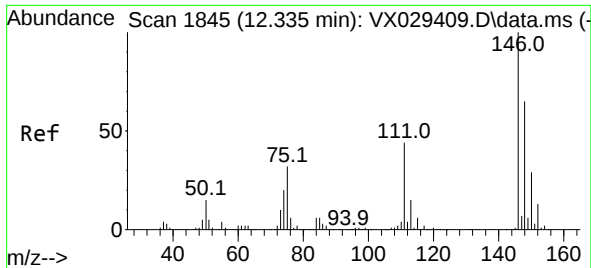
Tgt Ion:146 Resp: 301806
Ion Ratio Lower Upper
146 100
111 44.7 28.3 52.7
148 64.4 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 48.311 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029433.D
Acq: 13 Jun 2022 23:12

Tgt Ion:146 Resp: 302275
Ion Ratio Lower Upper
146 100
111 41.9 26.5 49.3
148 64.2 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 49.572 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050755

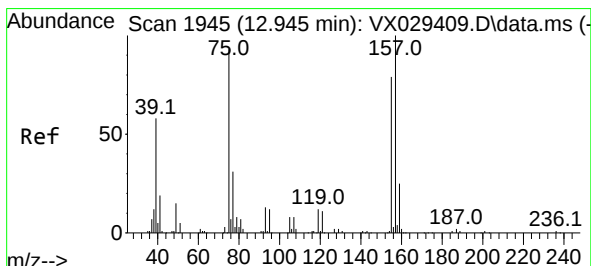
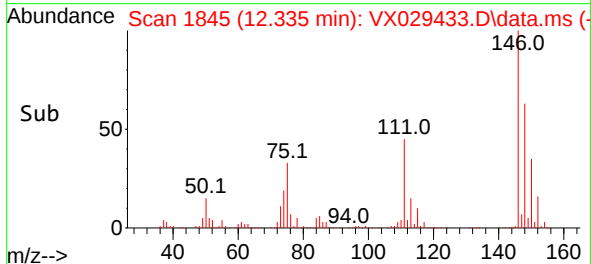
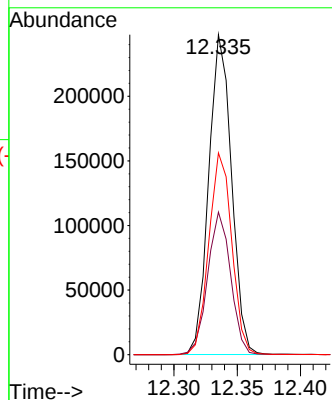
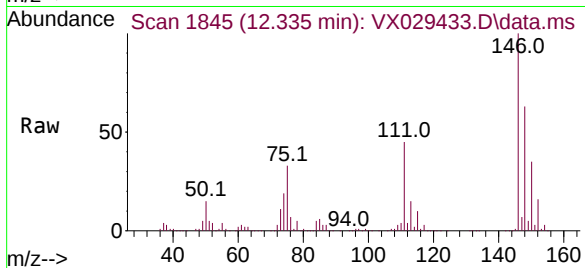
Tgt Ion:146 Resp: 309898

Ion Ratio Lower Upper

146 100

111 44.6 34.5 51.7

148 63.1 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 43.537 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

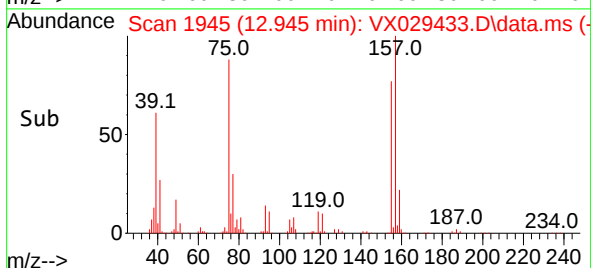
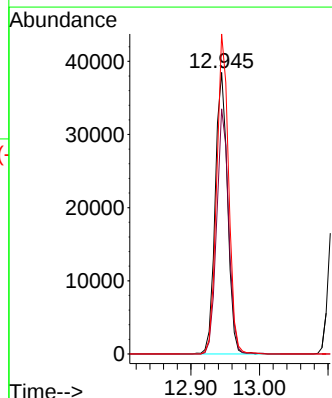
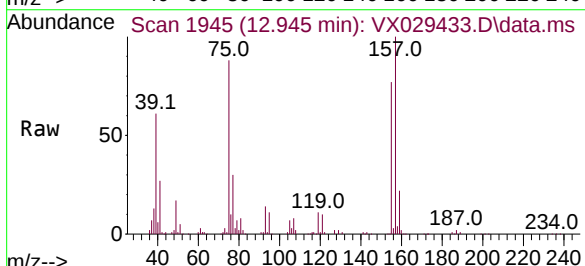
Tgt Ion: 75 Resp: 47975

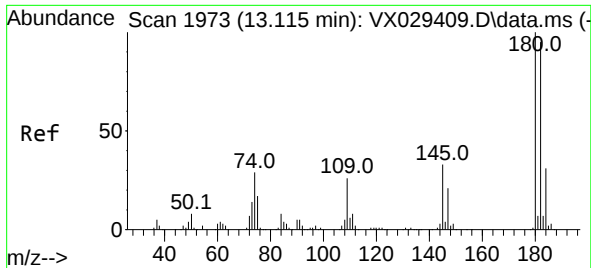
Ion Ratio Lower Upper

75 100

155 87.1 71.6 107.4

157 113.7 93.8 140.6

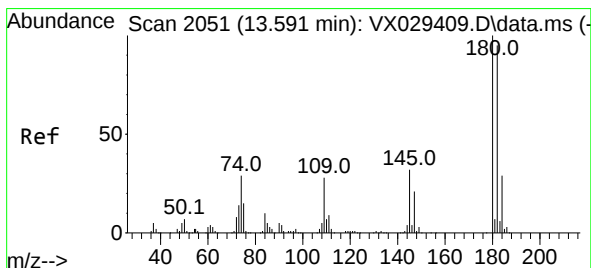
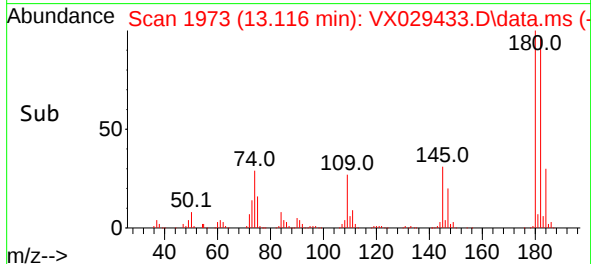
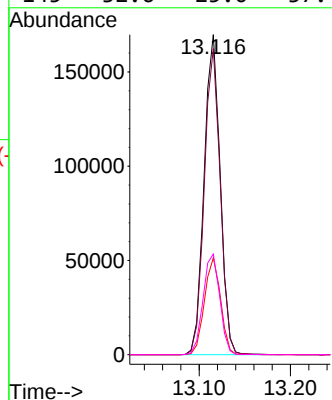
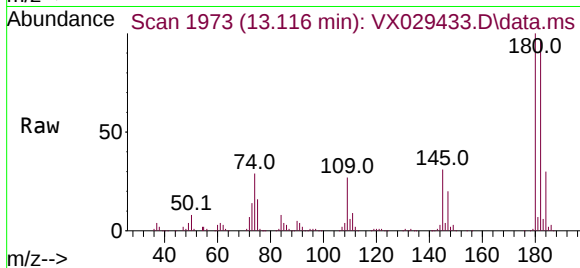




#69
 1,3,5-Trichlorobenzene
 Concen: 48.736 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

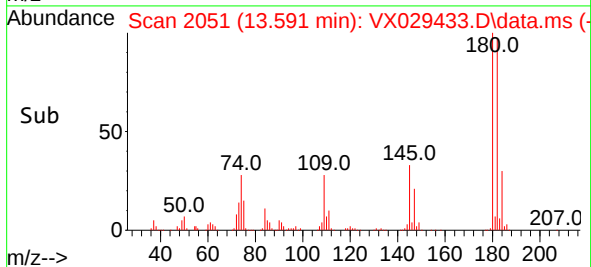
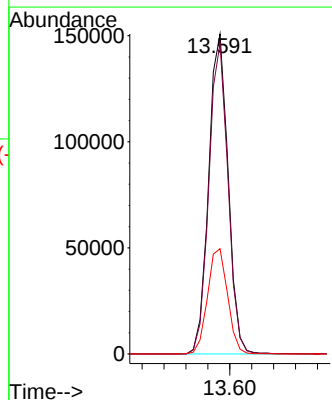
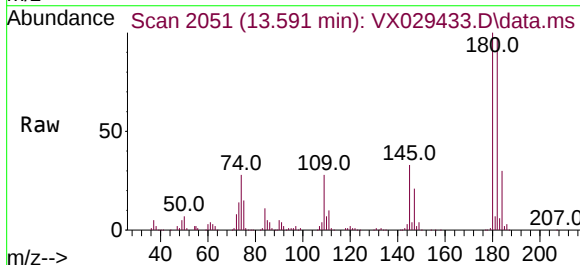
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050755

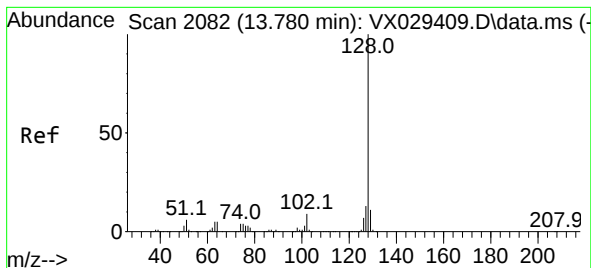
Tgt Ion:180 Resp: 206709
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.6 113.4
 184 30.3 23.6 35.4
 145 32.6 25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 48.634 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX029433.D
 Acq: 13 Jun 2022 23:12

Tgt Ion:180 Resp: 185778
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.2
 145 34.0 25.0 37.4





#71

Naphthalene

Concen: 50.692 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050755

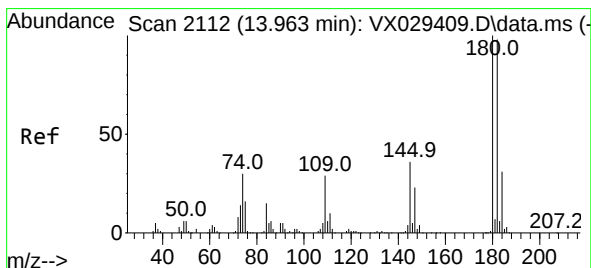
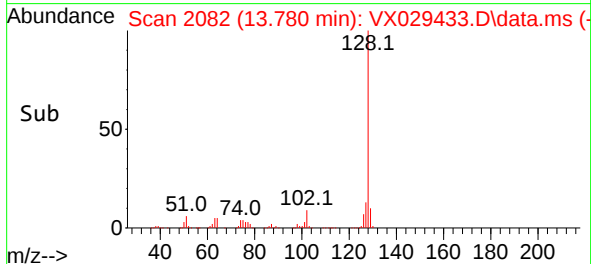
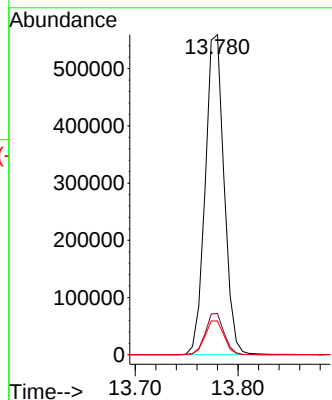
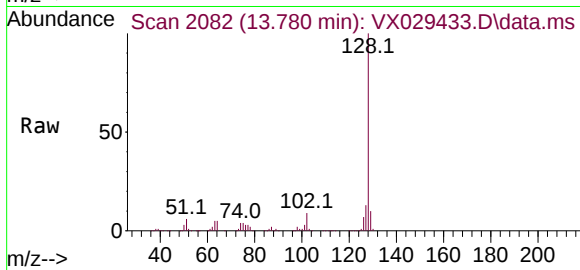
Tgt Ion:128 Resp: 713151

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 48.058 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029433.D

Acq: 13 Jun 2022 23:12

Tgt Ion:180 Resp: 185448

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 35.7 27.4 41.0

