

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029500.D
 Acq On : 15 Jun 2022 04:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

Quant Time: Jun 15 07:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	397970	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	363918	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	190039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	128890	41.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.660%
7) Chloroethane-d5	1.666	69	96703	50.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.306	63	242742	43.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.440%
21) 2-Butanone-d5	4.459	46	205599	88.004	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.000%
24) Chloroform-d	5.062	84	257145	43.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
26) 1,2-Dichloroethane-d4	5.958	65	158085	41.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.120%
32) Benzene-d6	5.977	84	515287	45.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
36) 1,2-Dichloropropane-d6	7.312	67	151238	45.425	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.860%
41) Toluene-d8	8.653	98	479138	44.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.420%
43) trans-1,3-Dichloroprop...	8.952	79	59227	36.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.160%
47) 2-Hexanone-d5	9.384	63	163442	90.761	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	218717	44.801	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	179724	45.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	176254	46.158	ug/L	99
3) Chloromethane	1.288	50	161878	45.202	ug/L	98
5) Vinyl chloride	1.374	62	161097	46.473	ug/L	100
6) Bromomethane	1.611	94	72611	44.643	ug/L	100
8) Chloroethane	1.685	64	97001	54.573	ug/L	96
9) Trichlorofluoromethane	1.886	101	221553	44.698	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	133546	45.759	ug/L	99
12) 1,1-Dichloroethene	2.319	96	128150	47.491	ug/L	85
13) Acetone	2.386	43	140811	90.432	ug/L	95
14) Carbon disulfide	2.514	76	270964	36.617	ug/L	100
15) Methyl Acetate	2.709	43	158376	51.273	ug/L	93
16) Methylene chloride	2.788	84	145621	48.696	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	136684	47.297	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	464068	47.941	ug/L	97
19) 1,1-Dichloroethane	3.611	63	247673	48.519	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	157962	48.361	ug/L	96
22) 2-Butanone	4.562	43	234725	100.139	ug/L	95
23) Bromochloromethane	4.904	128	78218	48.384	ug/L	94
25) Chloroform	5.099	83	269843	47.804	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029500.D
 Acq On : 15 Jun 2022 04:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

Quant Time: Jun 15 07:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

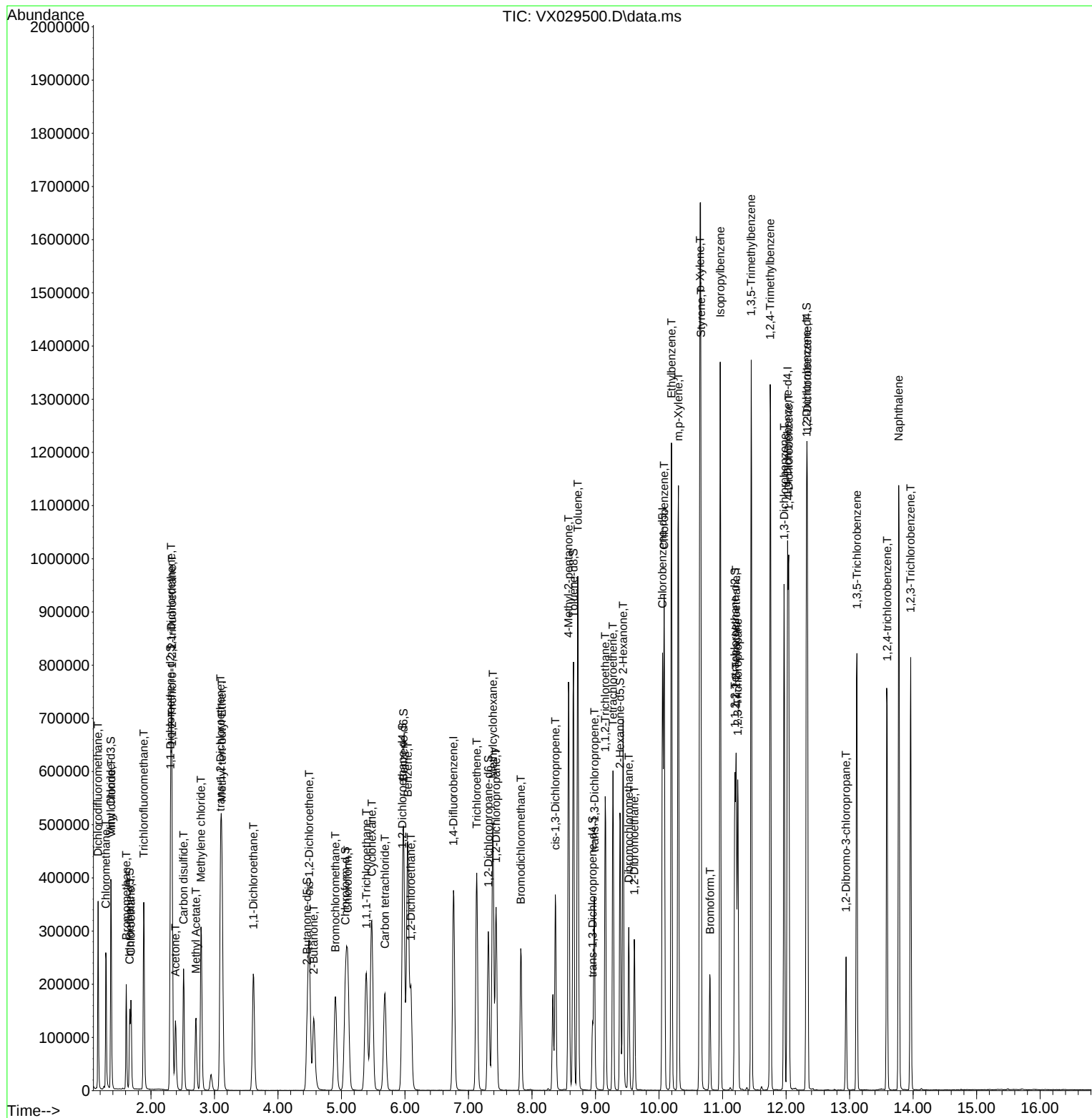
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	206238	47.819	ug/L	99
29) Cyclohexane	5.477	56	229501	47.247	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	226522	44.882	ug/L	98
31) Carbon tetrachloride	5.684	117	171550	42.344	ug/L	100
33) Benzene	6.044	78	588165	49.424	ug/L	100
34) Trichloroethene	7.129	95	160111	38.175	ug/L	97
35) Methylcyclohexane	7.385	83	241708	45.649	ug/L	98
37) 1,2-Dichloropropane	7.434	63	145321	50.089	ug/L	100
38) Bromodichloromethane	7.824	83	179863	43.555	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	194885	42.029	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	438380	101.085	ug/L	93
42) Toluene	8.720	91	634048	48.894	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	176921	40.676	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	149605	48.820	ug/L	99
46) Tetrachloroethene	9.275	164	111488	46.308	ug/L	96
48) 2-Hexanone	9.433	43	345494	102.847	ug/L	94
49) Dibromochloromethane	9.525	129	131859	41.270	ug/L	99
50) 1,2-Dibromoethane	9.610	107	156454	47.841	ug/L	95
51) Chlorobenzene	10.079	112	402425	48.886	ug/L	97
52) Ethylbenzene	10.195	91	692793	48.815	ug/L	99
53) m,p-Xylene	10.305	106	271797	48.788	ug/L	95
54) o-Xylene	10.646	106	270999	49.322	ug/L	99
55) Styrene	10.659	104	459521	49.746	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	237091	49.925	ug/L	100
59) Bromoform	10.805	173	80436	38.013	ug/L	98
60) Isopropylbenzene	10.963	105	702116	47.302	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	192111	48.333	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	603057	47.571	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	603177	47.921	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	296317	48.189	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	296269	47.729	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	297711	48.003	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	45070	41.228	ug/L	95
69) 1,3,5-Trichlorobenzene	13.116	180	198401	47.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	180121	47.530	ug/L	97
71) Naphthalene	13.774	128	707977	50.726	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	183705	47.986	ug/L	99

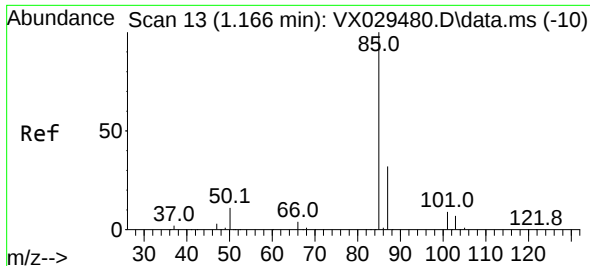
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061422\
 Data File : VX029500.D
 Acq On : 15 Jun 2022 04:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

Quant Time: Jun 15 07:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 15 07:14:08 2022
 Response via : Initial Calibration

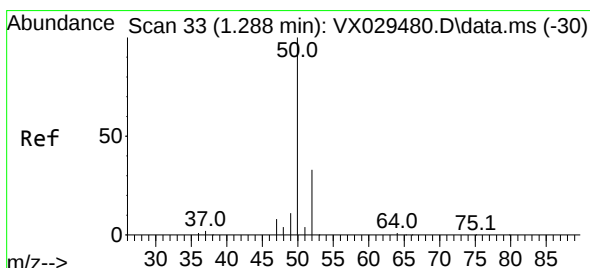
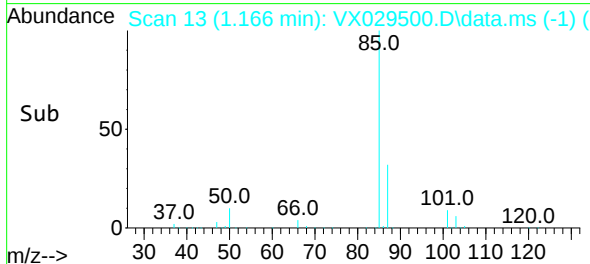
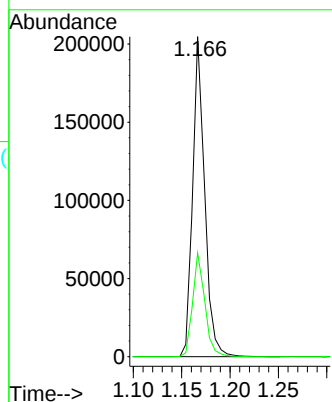
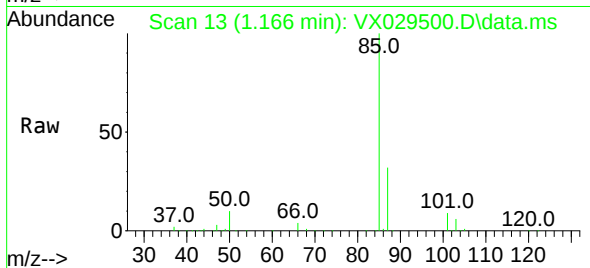




#2
Dichlorodifluoromethane
Concen: 46.158 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

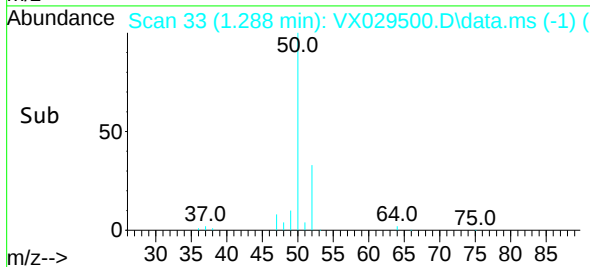
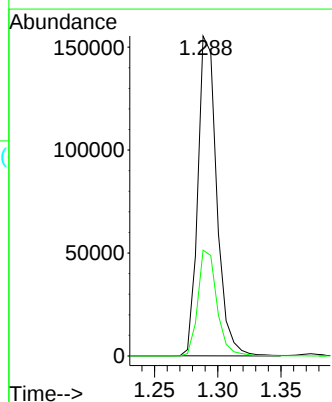
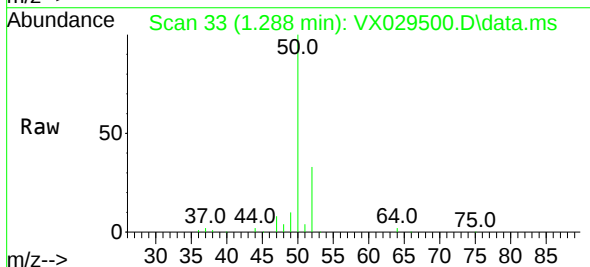
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

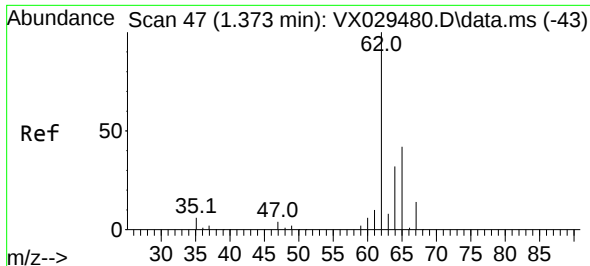
Tgt Ion: 85 Resp: 176254
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9



#3
Chloromethane
Concen: 45.202 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 50 Resp: 161878
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.7

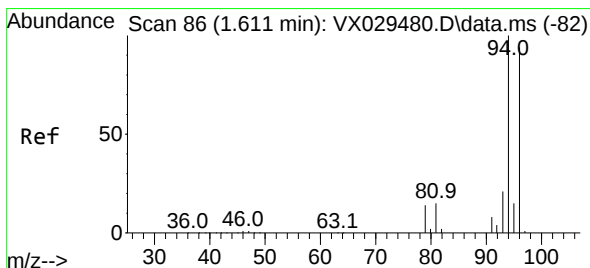
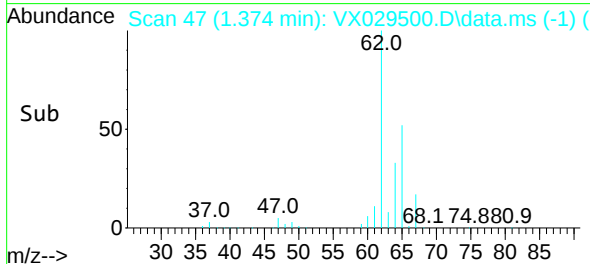
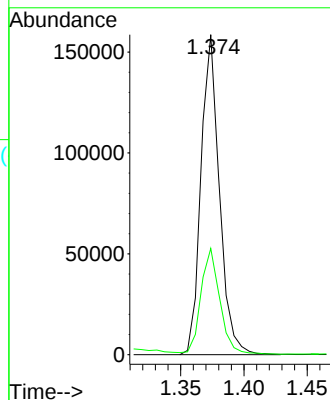
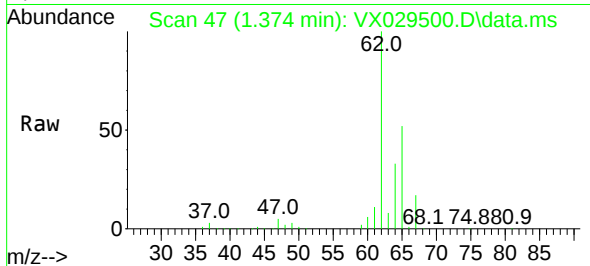




#5
 Vinyl chloride
 Concen: 46.473 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029500.D
 Acq: 15 Jun 2022 04:54

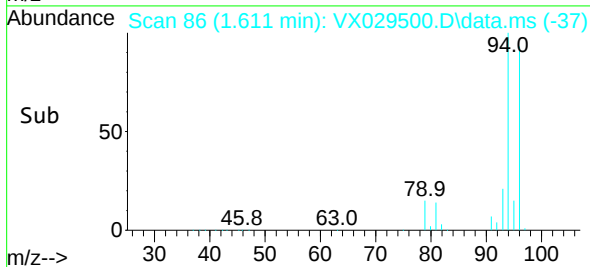
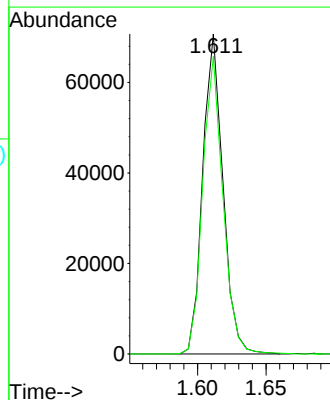
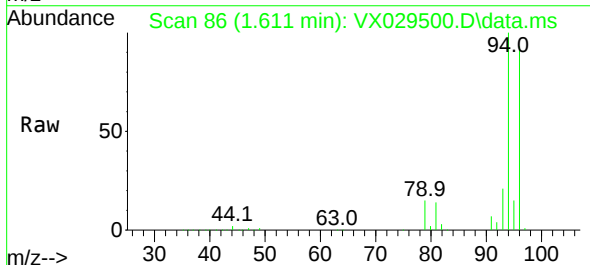
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

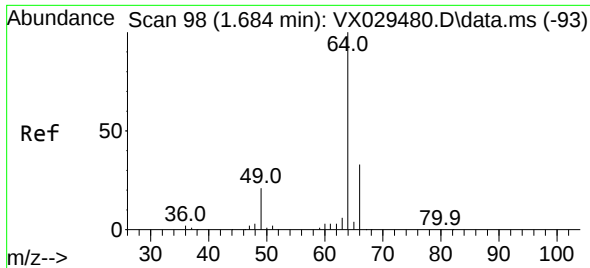
Tgt Ion: 62 Resp: 161097
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.3 43.3



#6
 Bromomethane
 Concen: 44.643 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX029500.D
 Acq: 15 Jun 2022 04:54

Tgt Ion: 94 Resp: 72611
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.9 120.5

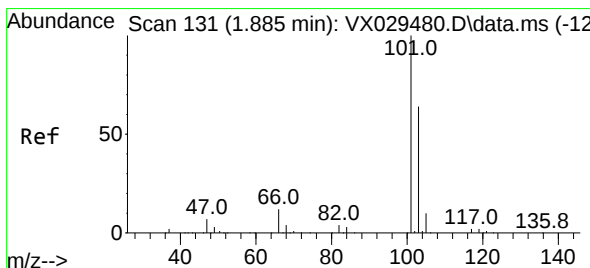
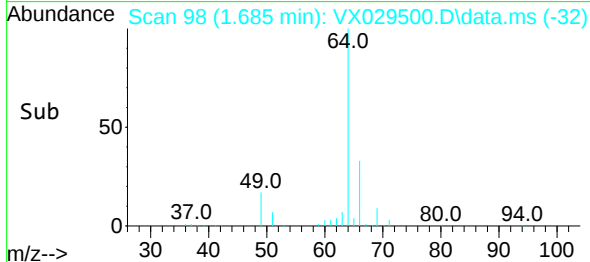
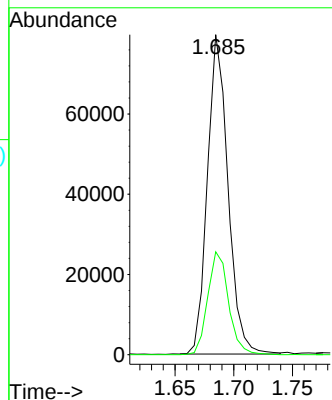
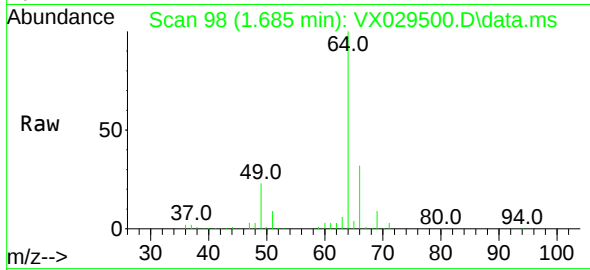




#8
Chloroethane
Concen: 54.573 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

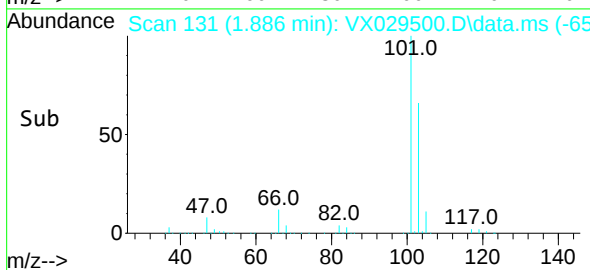
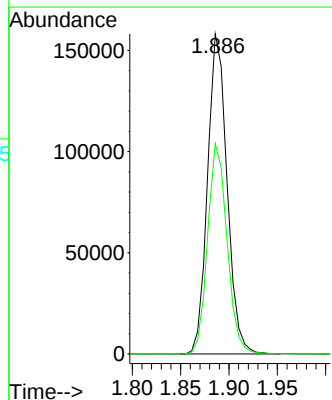
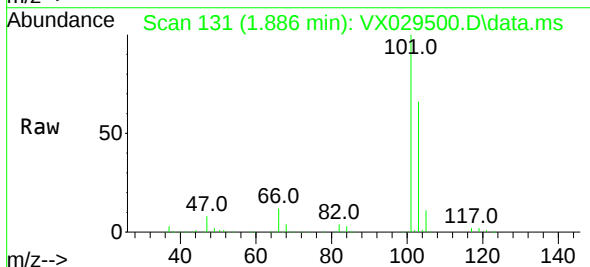
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

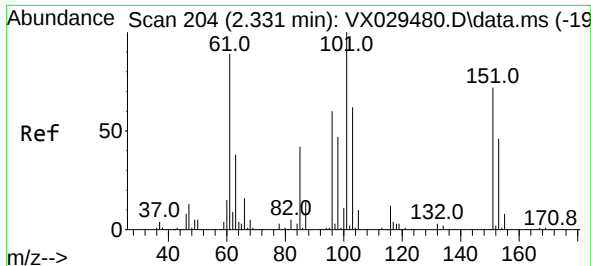
Tgt Ion: 64 Resp: 97001
Ion Ratio Lower Upper
64 100
66 32.1 24.2 45.0



#9
Trichlorofluoromethane
Concen: 44.698 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 101 Resp: 221553
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8

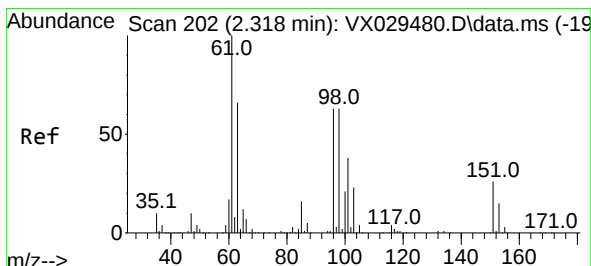
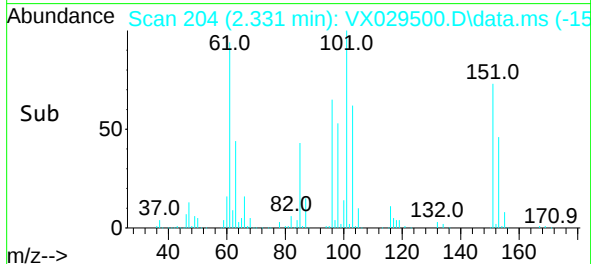
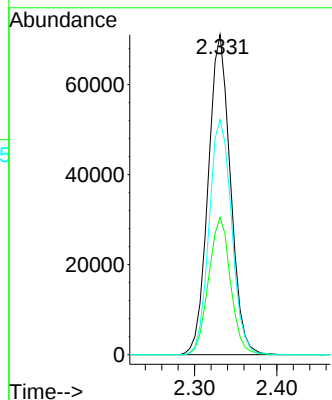
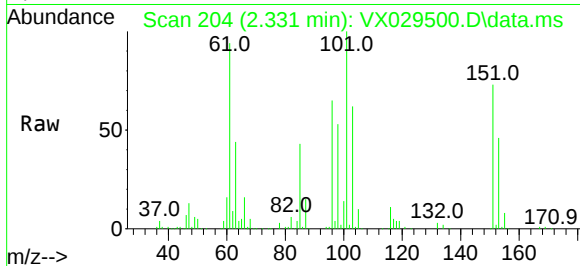




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.759 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029500.D
 Acq: 15 Jun 2022 04:54

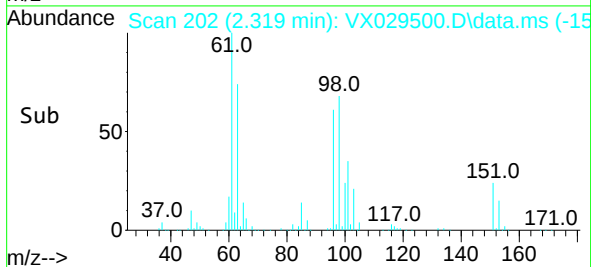
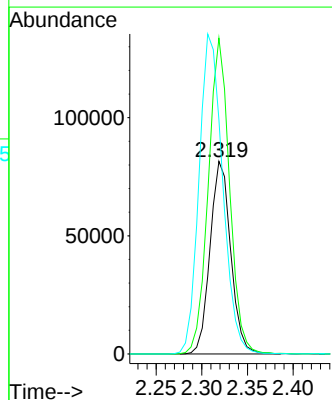
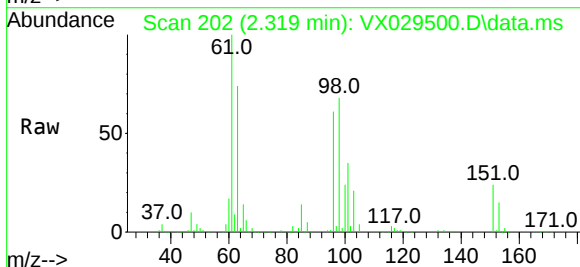
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

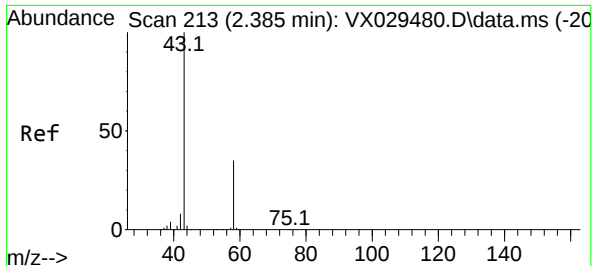
Tgt Ion:101 Resp: 133546
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.9 50.9
 151 74.6 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 47.491 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029500.D
 Acq: 15 Jun 2022 04:54

Tgt Ion: 96 Resp: 128150
 Ion Ratio Lower Upper
 96 100
 61 164.0 118.2 219.4
 63 121.6 109.6 203.4





#13

Acetone

Concen: 90.432 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

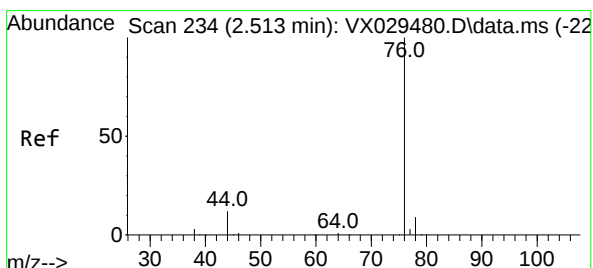
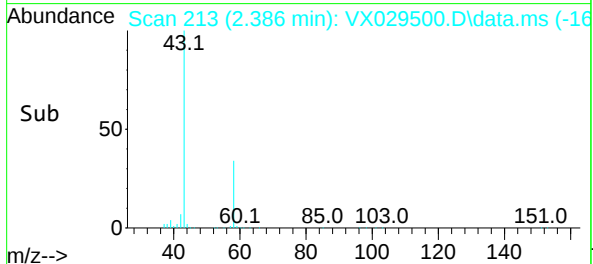
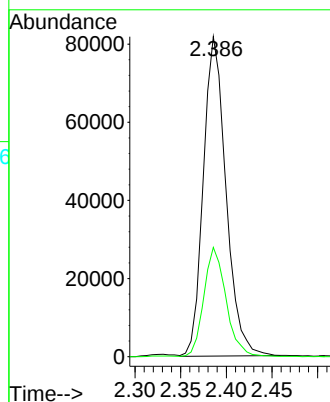
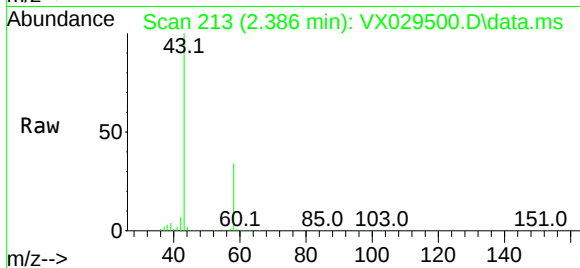
VSTD050759

Tgt Ion: 43 Resp: 140811

Ion Ratio Lower Upper

43 100

58 33.4 0.0 61.4



#14

Carbon disulfide

Concen: 36.617 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX029500.D

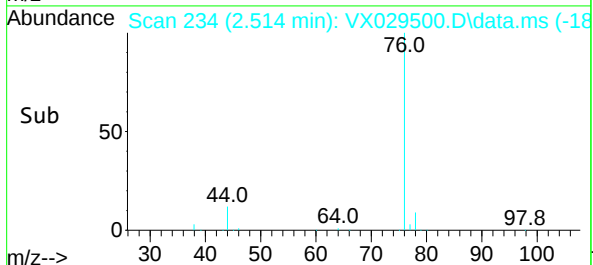
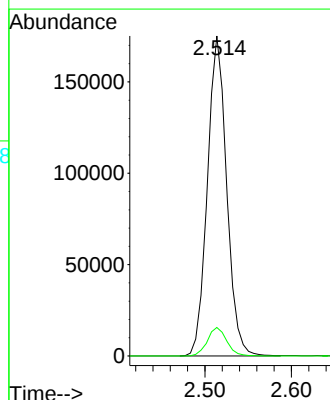
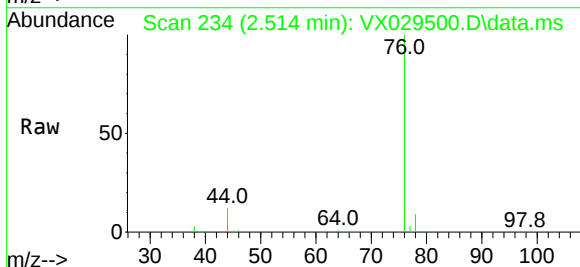
Acq: 15 Jun 2022 04:54

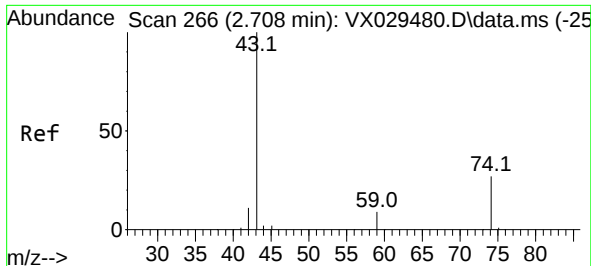
Tgt Ion: 76 Resp: 270964

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

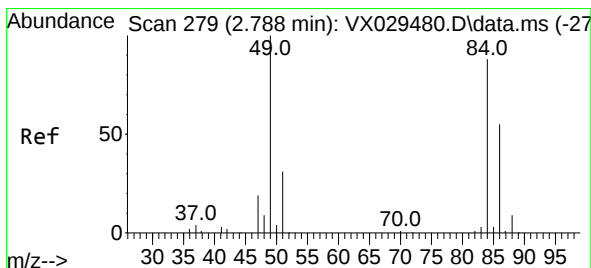
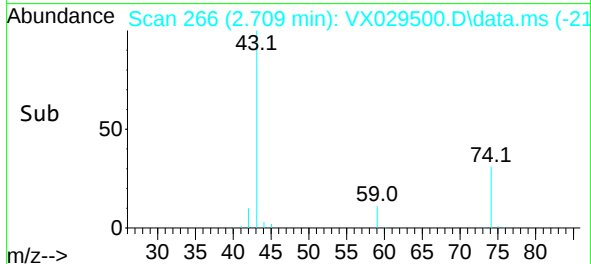
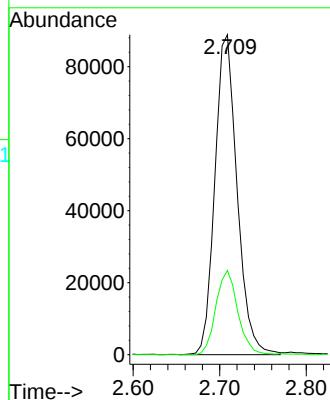
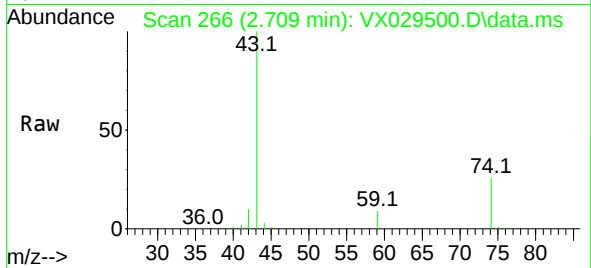




#15
Methyl Acetate
Concen: 51.273 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

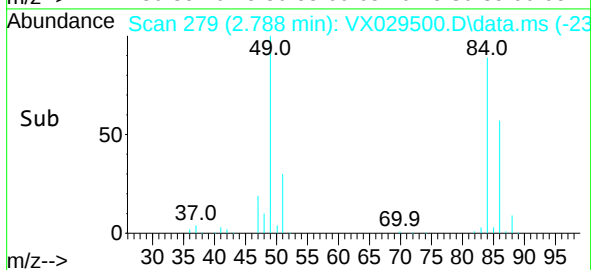
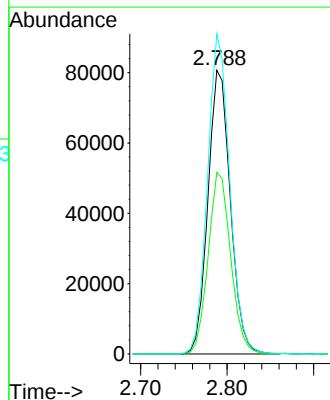
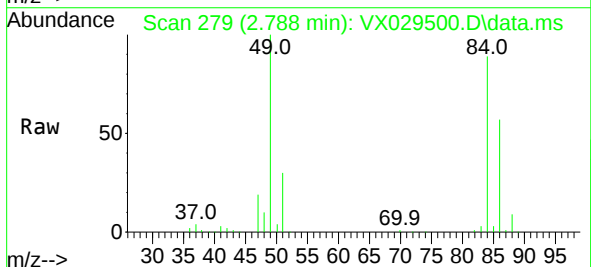
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

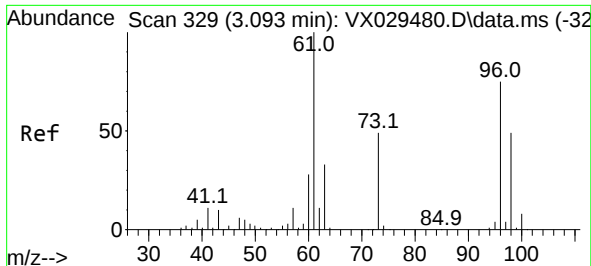
Tgt Ion: 43 Resp: 158376
Ion Ratio Lower Upper
43 100
74 26.0 18.2 27.4



#16
Methylene chloride
Concen: 48.696 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 84 Resp: 145621
Ion Ratio Lower Upper
84 100
86 64.0 44.8 83.2
49 112.8 87.0 161.6

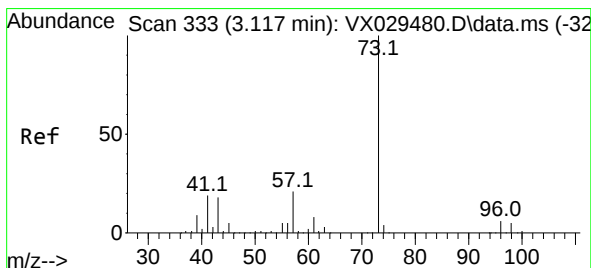
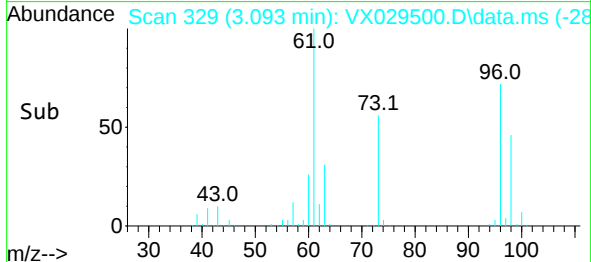
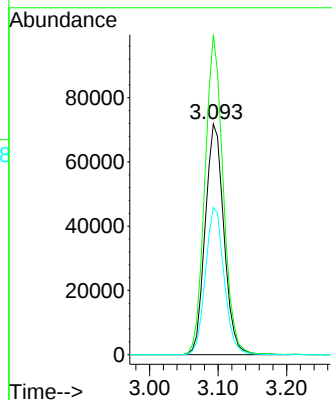
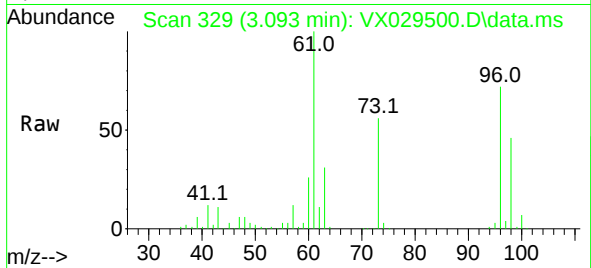




#17
trans-1,2-Dichloroethene
Concen: 47.297 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

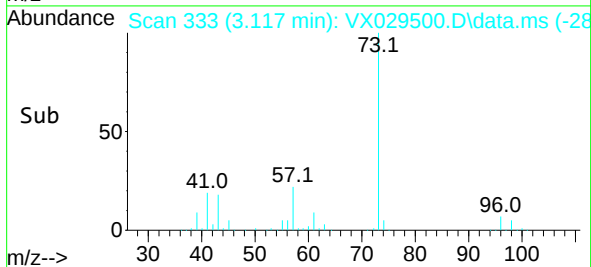
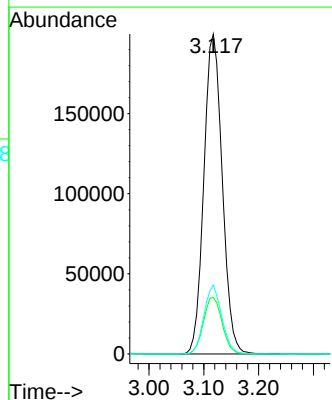
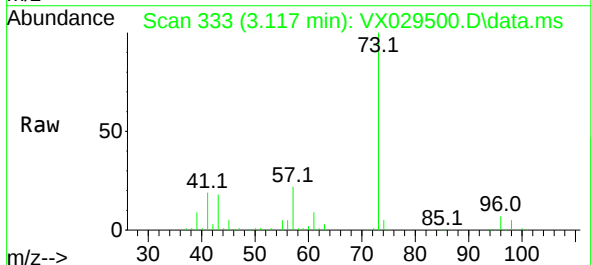
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

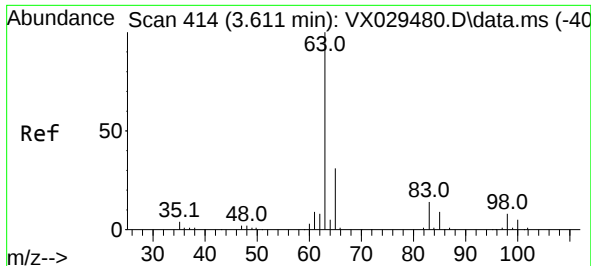
Tgt Ion: 96 Resp: 136684
Ion Ratio Lower Upper
96 100
61 138.7 93.0 172.6
98 63.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 47.941 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 73 Resp: 464068
Ion Ratio Lower Upper
73 100
43 18.1 16.2 24.4
57 20.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.519 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD050759

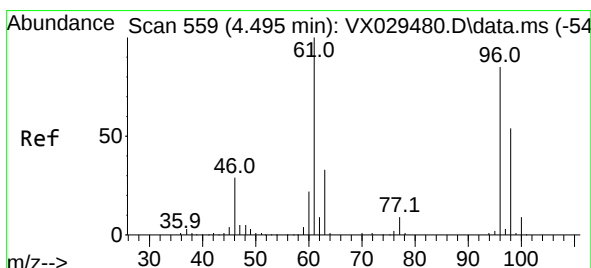
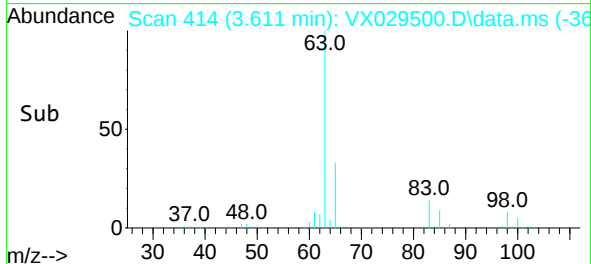
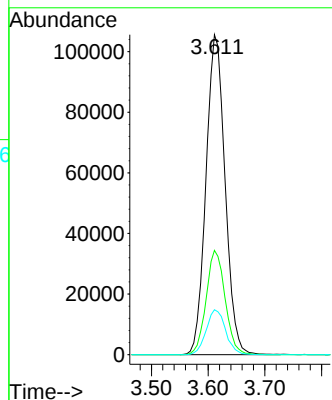
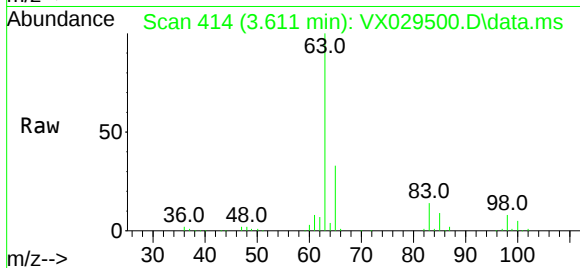
Tgt Ion: 63 Resp: 247673

Ion Ratio Lower Upper

63 100

65 32.6 22.9 42.5

83 14.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 48.361 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

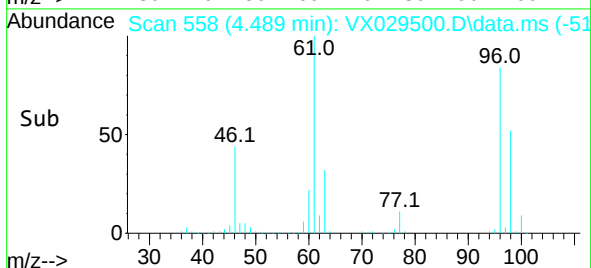
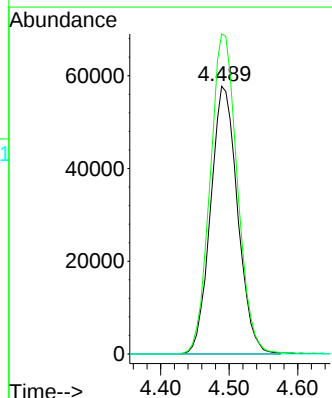
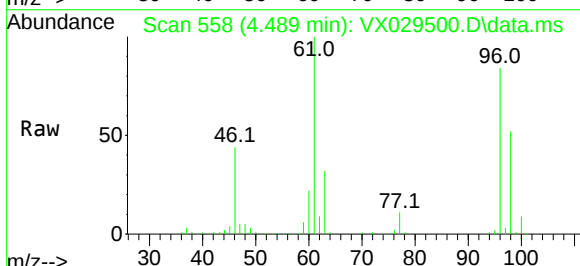
Tgt Ion: 96 Resp: 157962

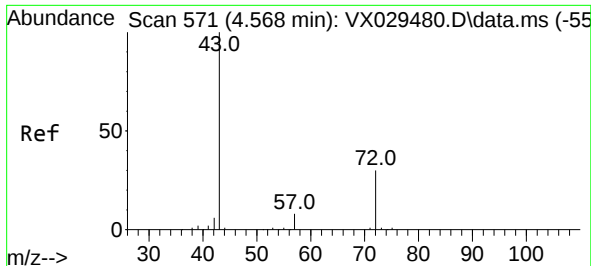
Ion Ratio Lower Upper

96 100

61 119.6 86.7 161.1

68 0.0 0.0 0.0

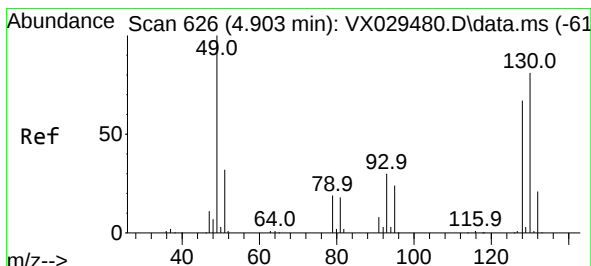
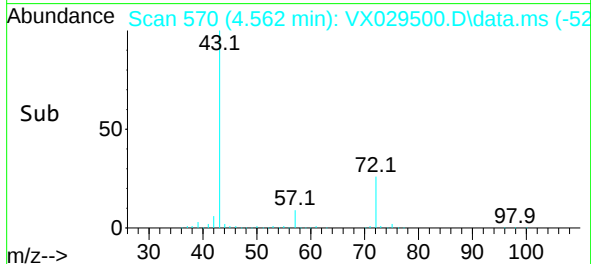
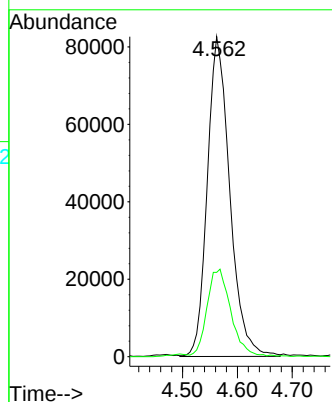
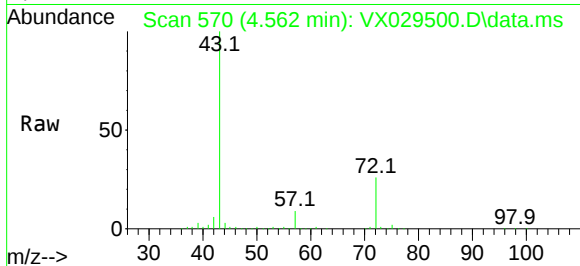




#22
2-Butanone
Concen: 100.139 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

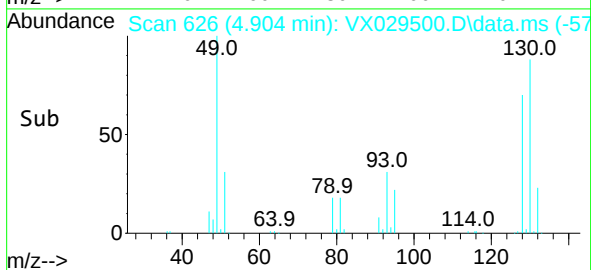
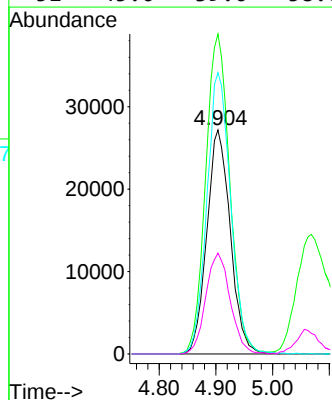
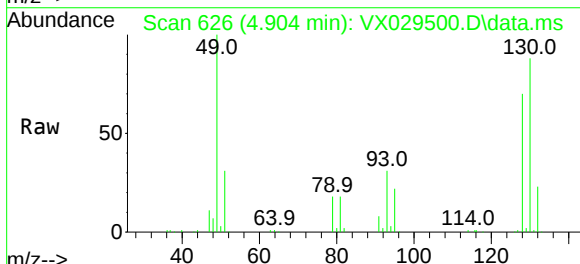
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

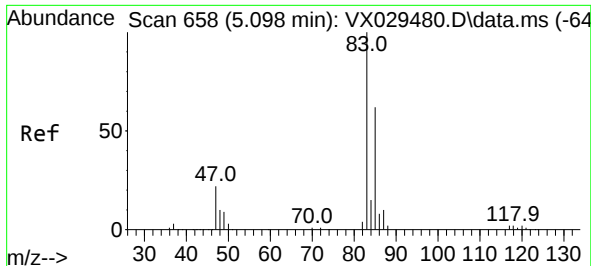
Tgt Ion: 43 Resp: 234725
Ion Ratio Lower Upper
43 100
72 28.8 13.2 39.5



#23
Bromochloromethane
Concen: 48.384 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion:128 Resp: 78218
Ion Ratio Lower Upper
128 100
49 142.9 110.2 204.6
130 125.6 88.2 163.8
51 45.0 39.0 58.6





#25

Chloroform

Concen: 47.804 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

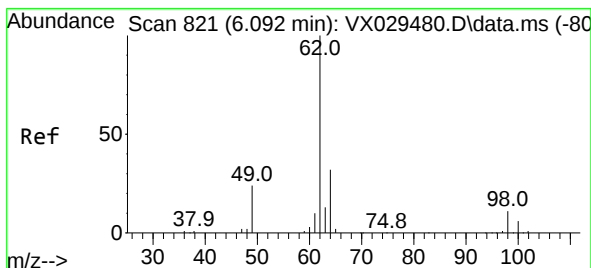
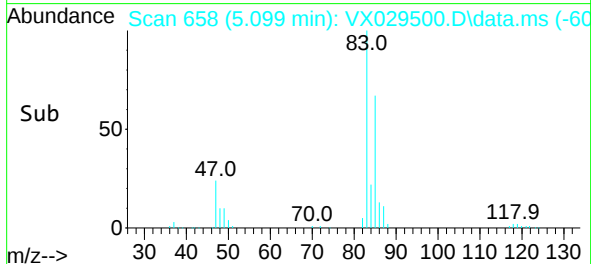
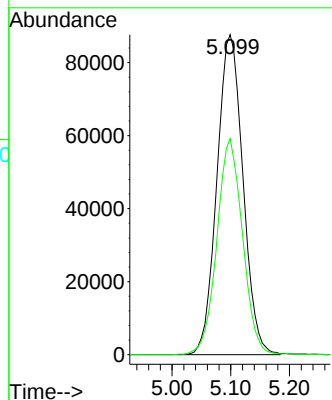
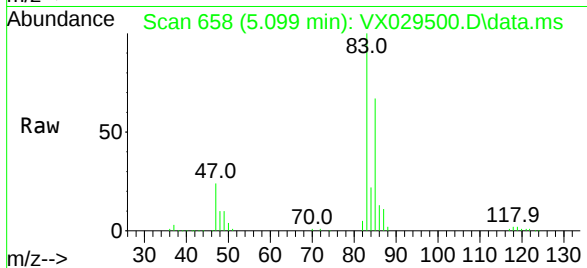
VSTD050759

Tgt Ion: 83 Resp: 269843

Ion Ratio Lower Upper

83 100

85 67.5 44.2 82.2



#27

1,2-Dichloroethane

Concen: 47.819 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX029500.D

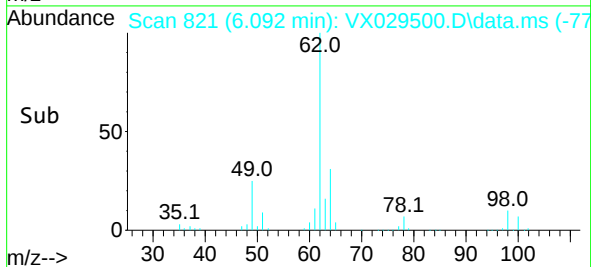
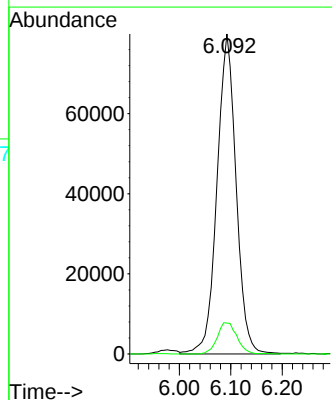
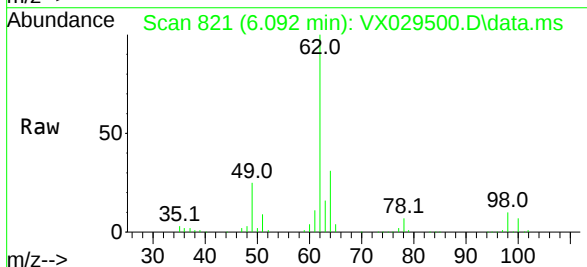
Acq: 15 Jun 2022 04:54

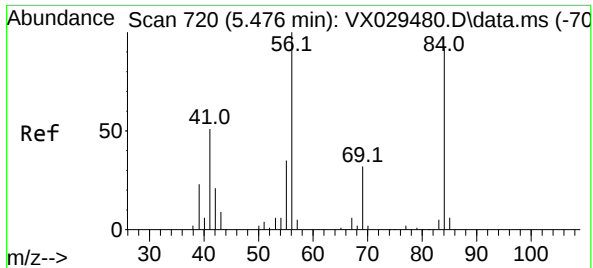
Tgt Ion: 62 Resp: 206238

Ion Ratio Lower Upper

62 100

98 9.7 8.2 12.2

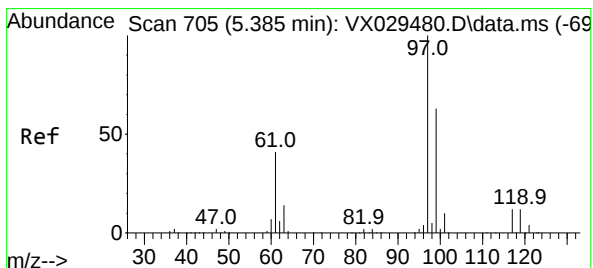
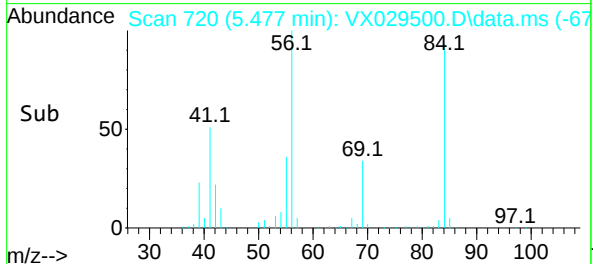
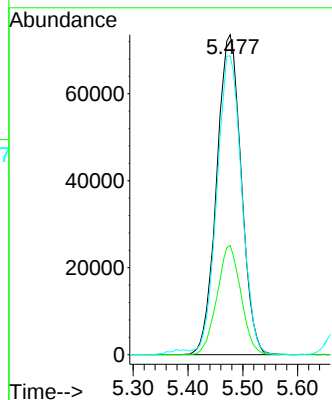
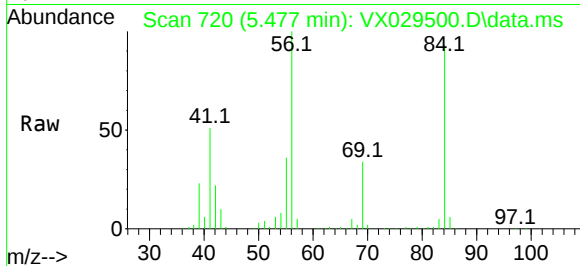




#29
Cyclohexane
Concen: 47.247 ug/L
RT: 5.477 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

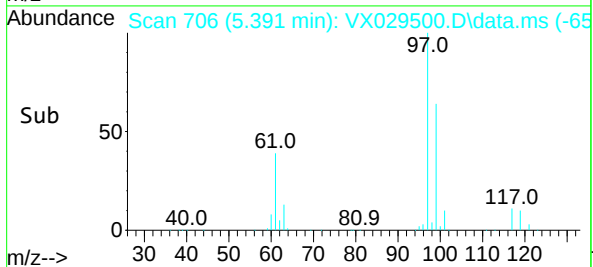
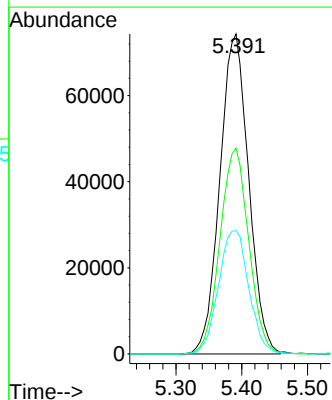
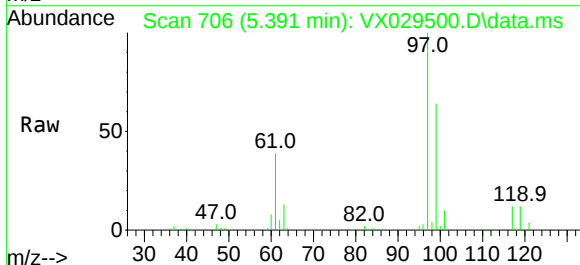
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

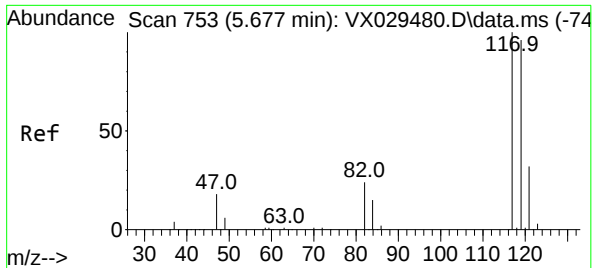
Tgt Ion:	56	Resp:	229501
Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.6	36.8
84	94.1	69.8	104.8



#30
1,1,1-Trichloroethane
Concen: 44.882 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion:	97	Resp:	226522
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	40.7	35.2	52.8

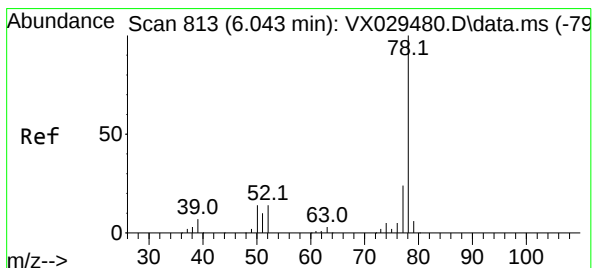
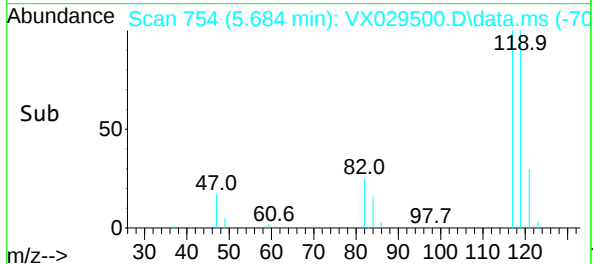
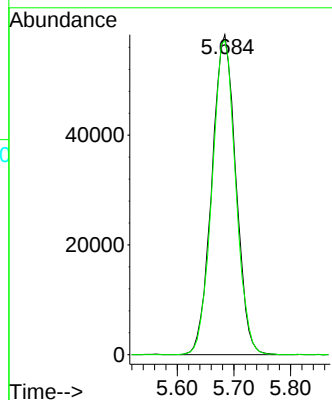
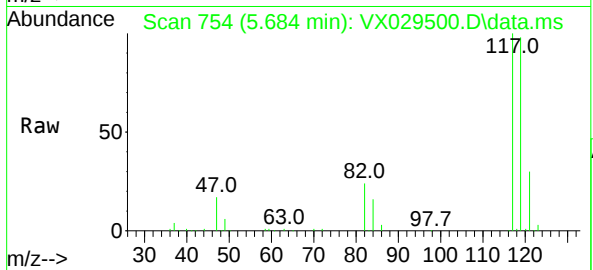




#31
Carbon tetrachloride
Concen: 42.344 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

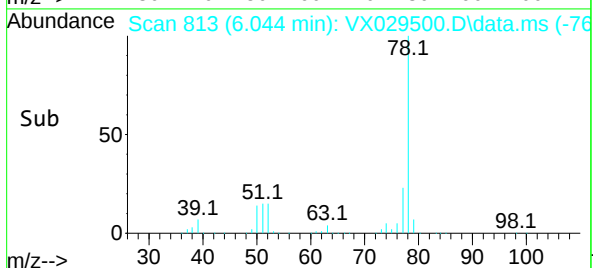
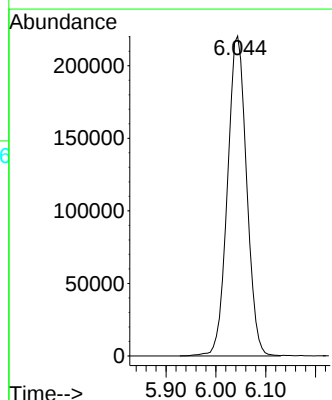
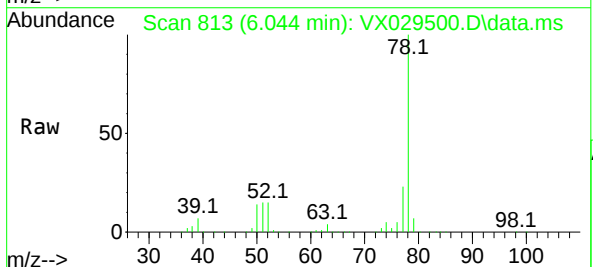
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

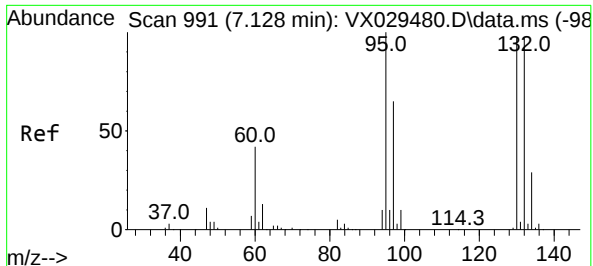
Tgt Ion:117 Resp: 171550
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.8



#33
Benzene
Concen: 49.424 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 78 Resp: 588165

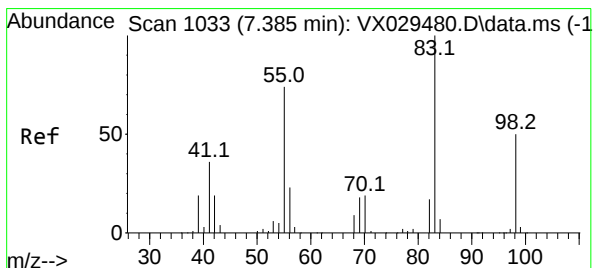
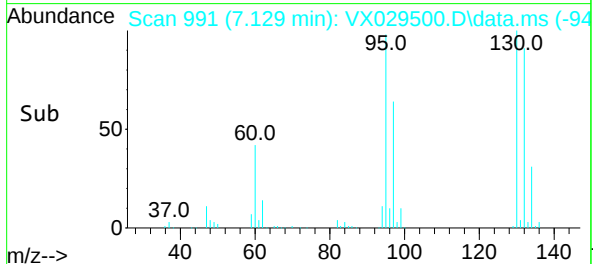
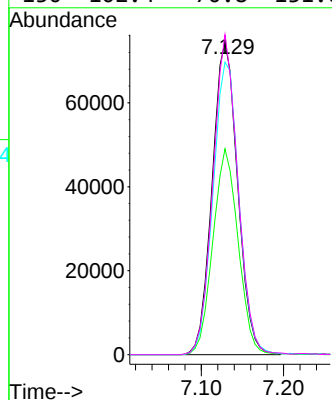
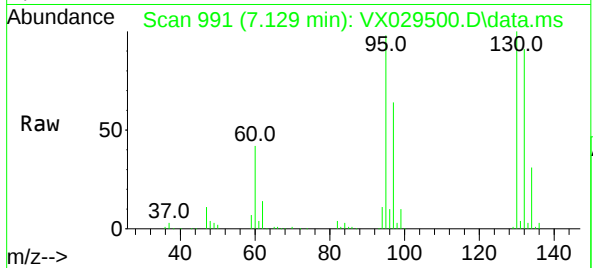




#34
Trichloroethene
Concen: 38.175 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

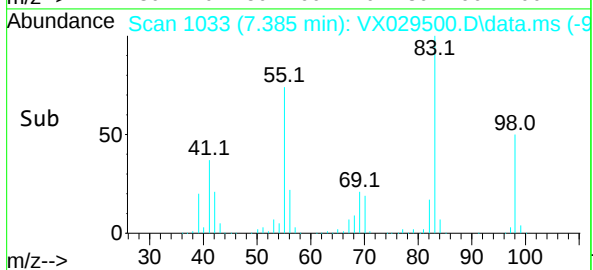
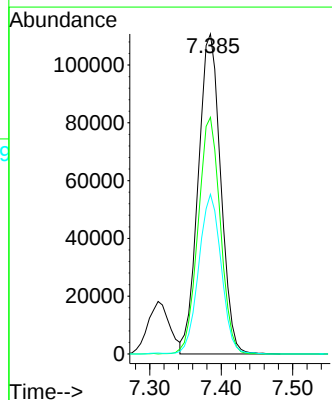
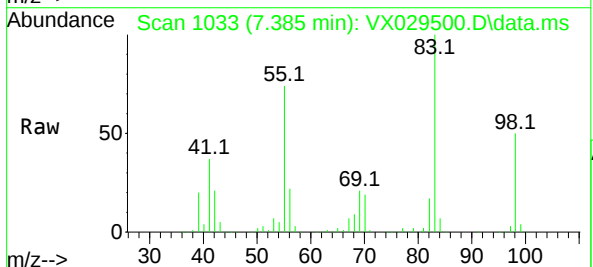
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

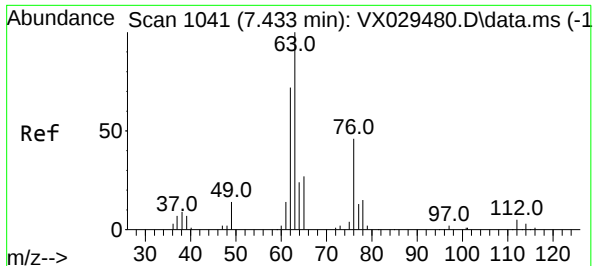
Tgt Ion: 95 Resp: 160111
Ion Ratio Lower Upper
95 100
97 65.8 45.5 84.5
132 93.6 69.9 129.7
130 102.4 70.8 131.6



#35
Methylcyclohexane
Concen: 45.649 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 83 Resp: 241708
Ion Ratio Lower Upper
83 100
55 73.0 60.6 90.8
98 50.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 50.089 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

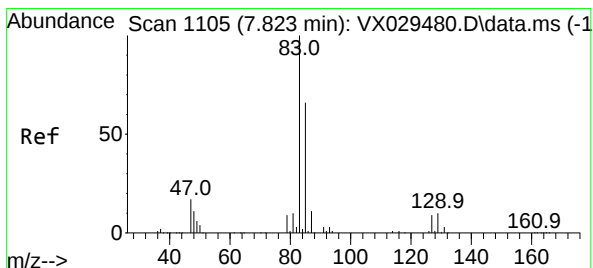
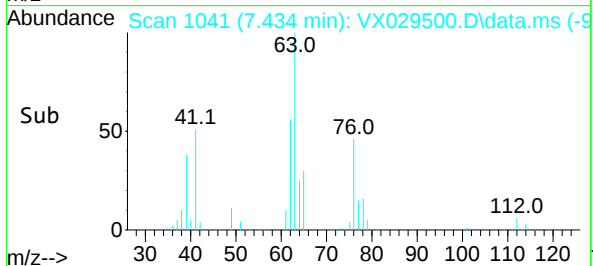
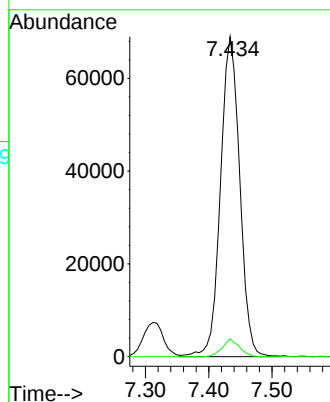
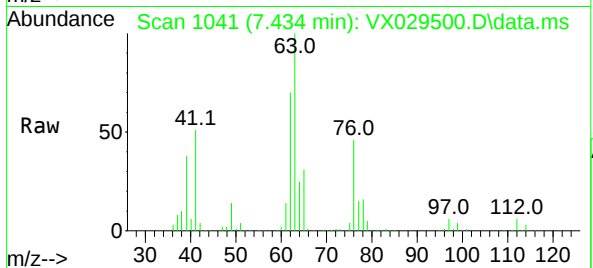
VSTD050759

Tgt Ion: 63 Resp: 145321

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 43.555 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

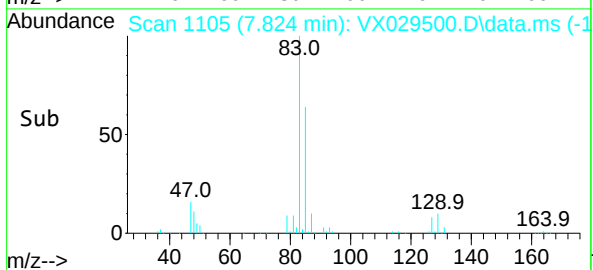
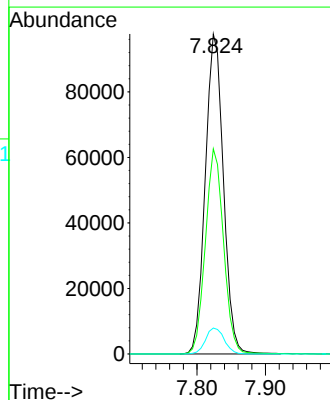
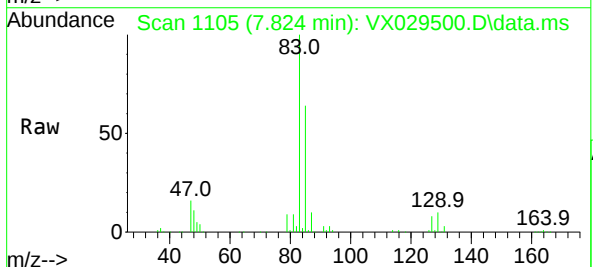
Tgt Ion: 83 Resp: 179863

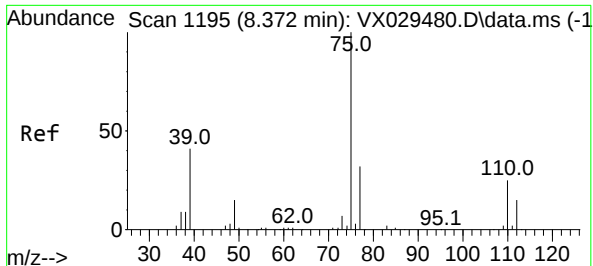
Ion Ratio Lower Upper

83 100

85 64.1 44.7 83.1

127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 42.029 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

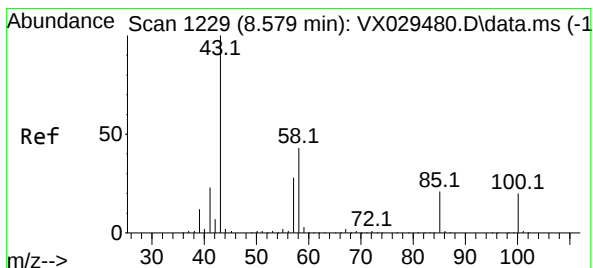
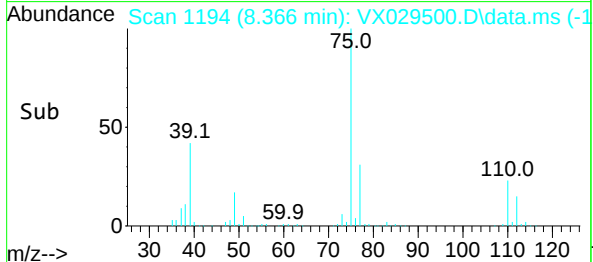
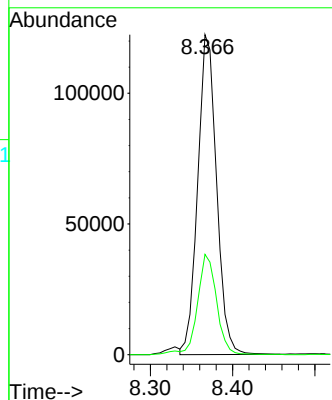
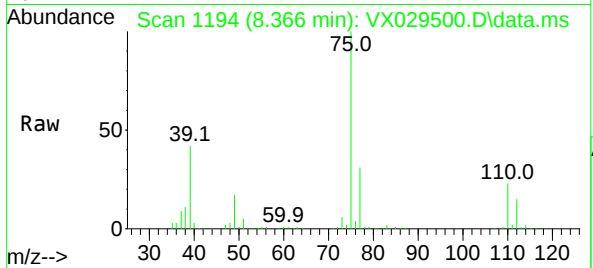
VSTD050759

Tgt Ion: 75 Resp: 194885

Ion Ratio Lower Upper

75 100

77 31.4 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 101.085 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

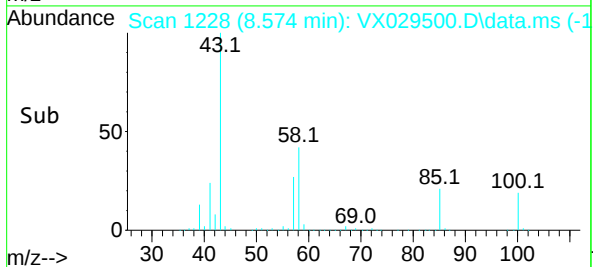
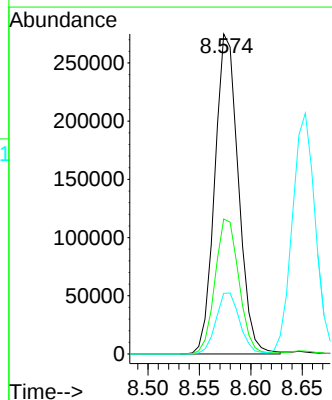
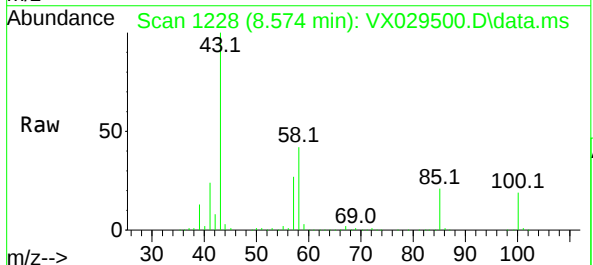
Tgt Ion: 43 Resp: 438380

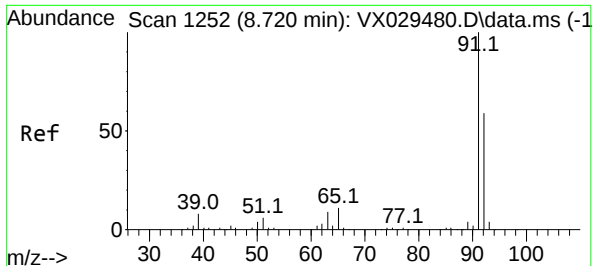
Ion Ratio Lower Upper

43 100

58 42.7 31.0 46.6

100 19.2 13.0 19.4

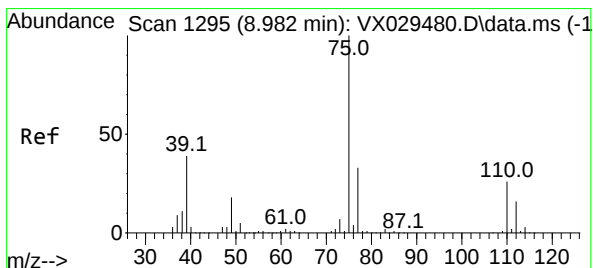
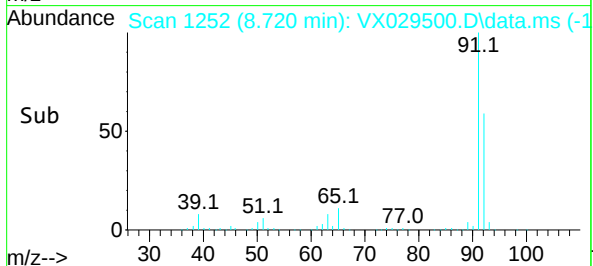
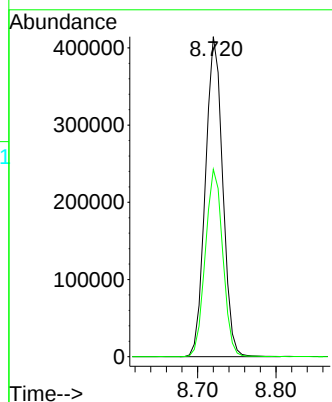
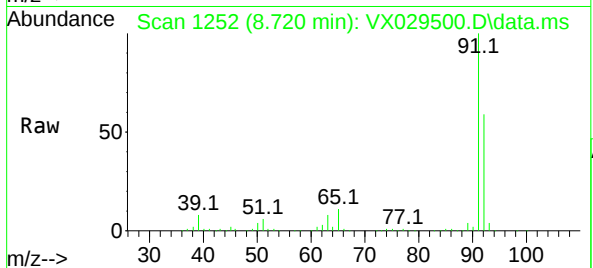




#42
Toluene
Concen: 48.894 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

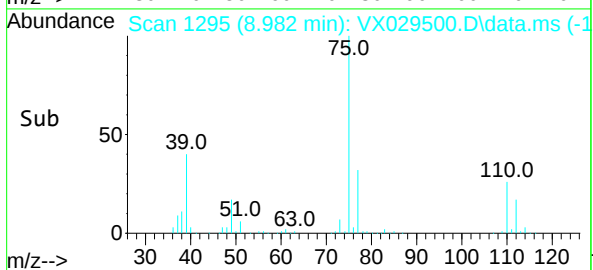
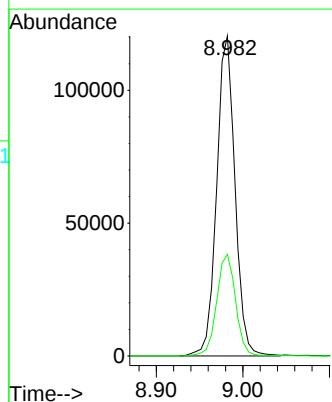
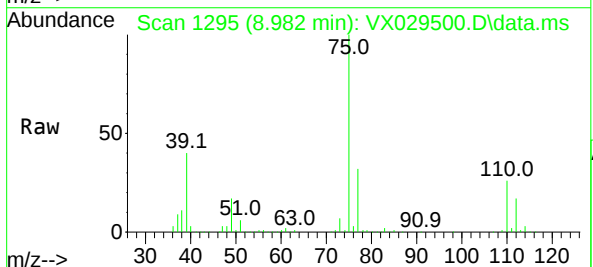
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

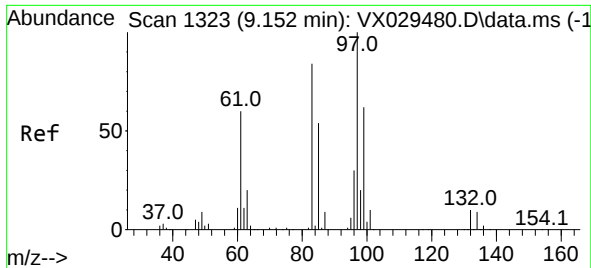
Tgt Ion: 91 Resp: 634048
Ion Ratio Lower Upper
91 100
92 58.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 40.676 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 75 Resp: 176921
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



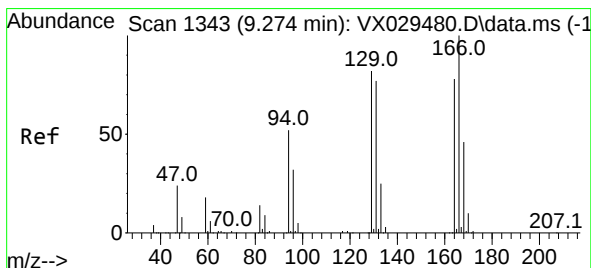
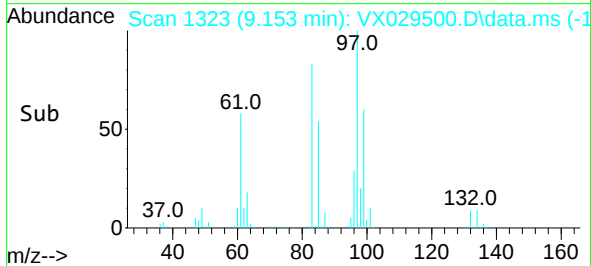
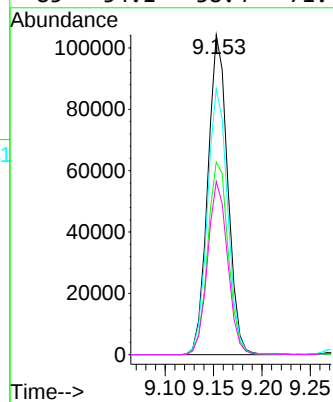
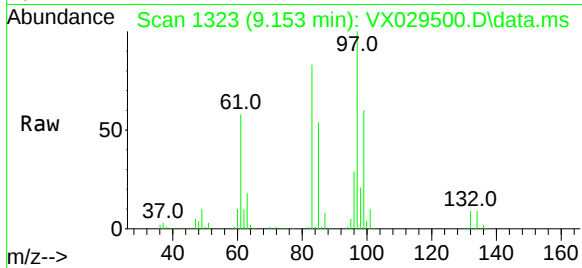


#45
1,1,2-Trichloroethane
Concen: 48.820 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

Tgt Ion: 97 Resp: 149605

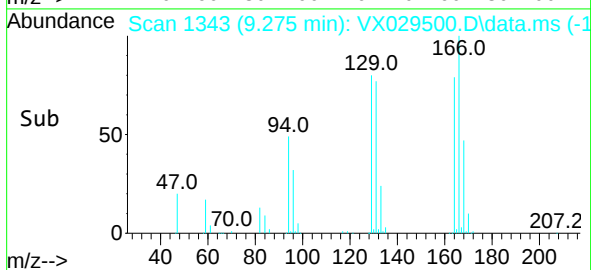
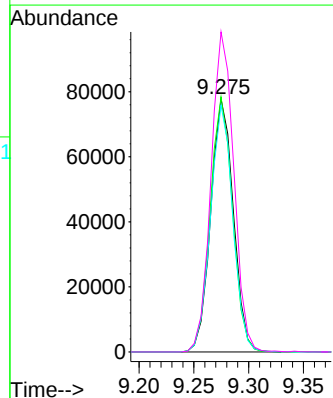
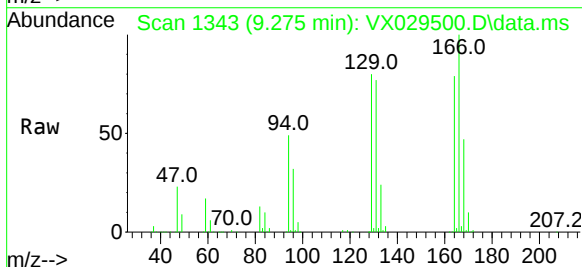
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.3	80.5
83	83.1	57.5	106.9
85	54.1	38.4	71.4

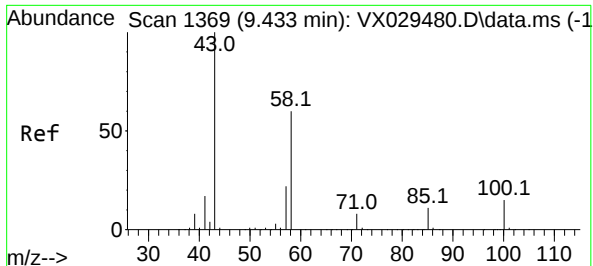


#46
Tetrachloroethene
Concen: 46.308 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 164 Resp: 111488

Ion	Ratio	Lower	Upper
164	100		
129	100.7	65.5	121.7
131	97.5	64.3	119.3
166	126.4	88.7	164.7

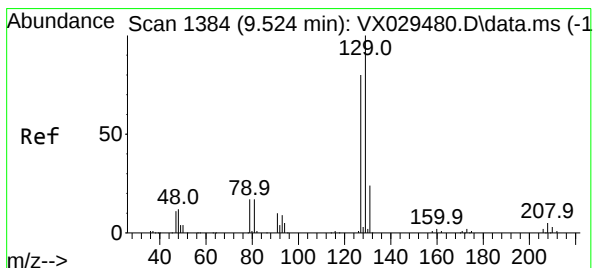
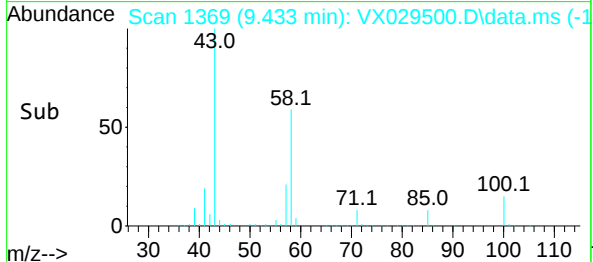
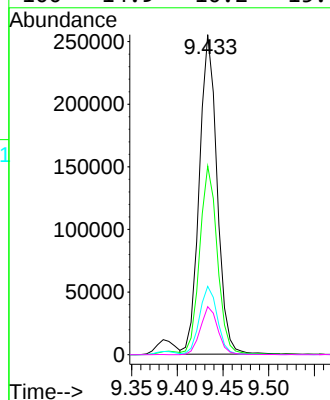
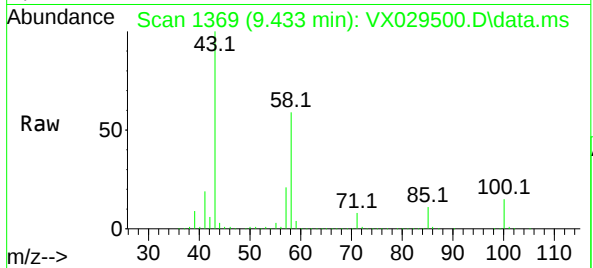




#48
2-Hexanone
Concen: 102.847 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

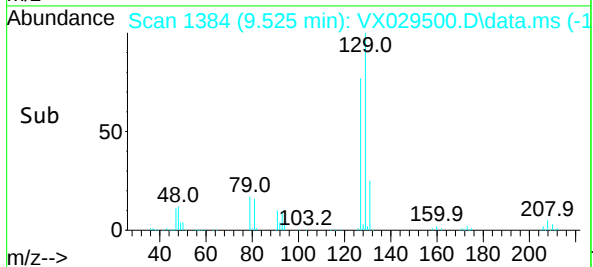
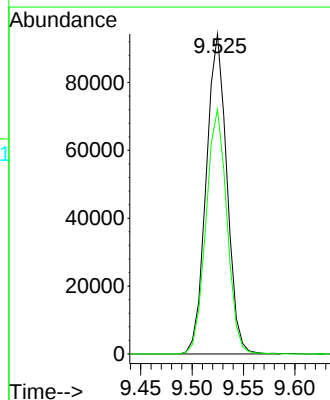
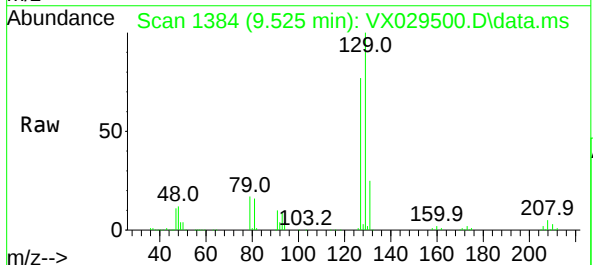
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

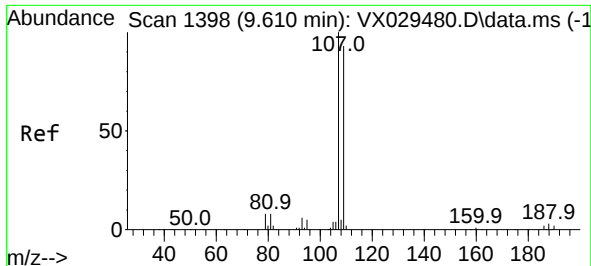
Tgt Ion: 43 Resp: 345494
Ion Ratio Lower Upper
43 100
58 58.6 42.9 64.3
57 21.7 15.3 22.9
100 14.9 10.2 15.4



#49
Dibromochloromethane
Concen: 41.270 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 129 Resp: 131859
Ion Ratio Lower Upper
129 100
127 76.5 54.3 100.9

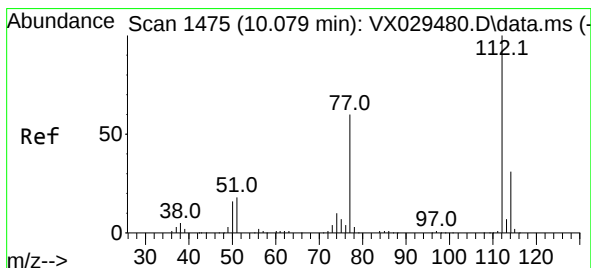
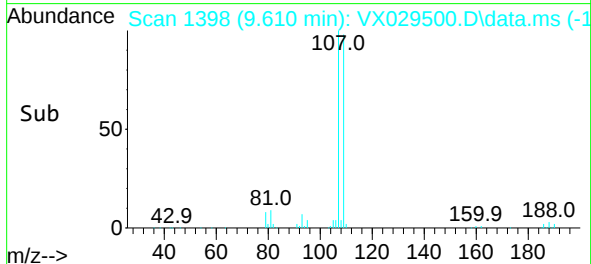
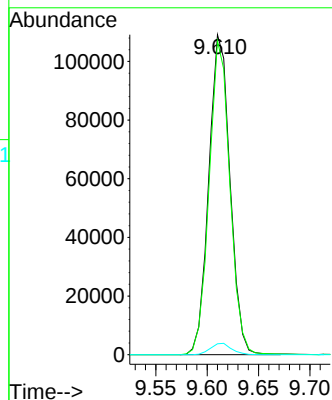
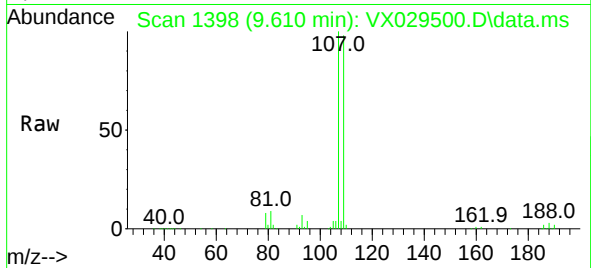




#50
1,2-Dibromoethane
Concen: 47.841 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

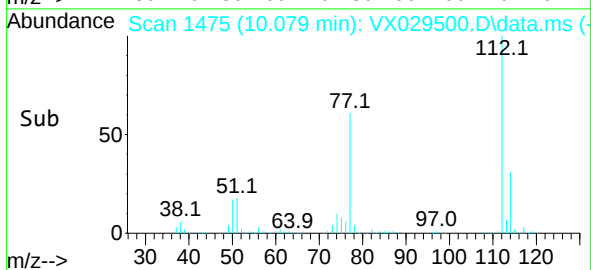
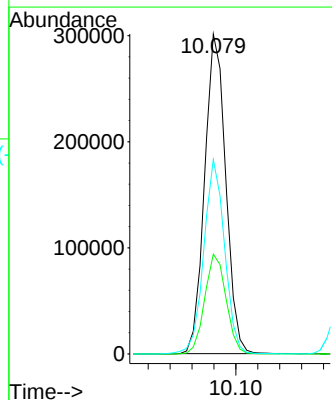
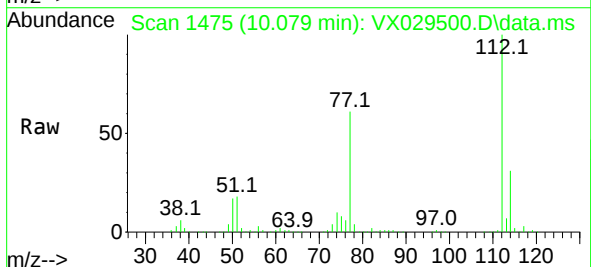
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

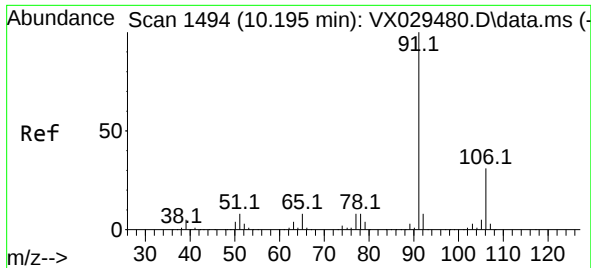
Tgt Ion:107 Resp: 156454
Ion Ratio Lower Upper
107 100
109 98.1 64.9 120.5
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 48.886 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion:112 Resp: 402425
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 60.8 45.9 68.9

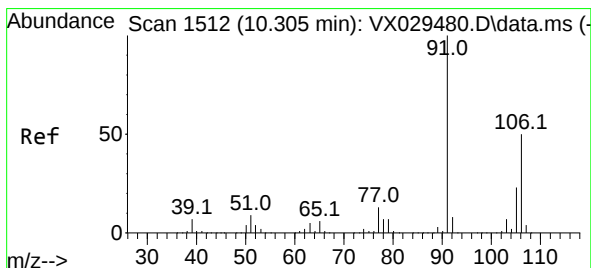
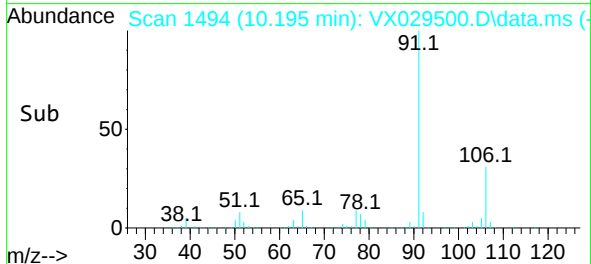
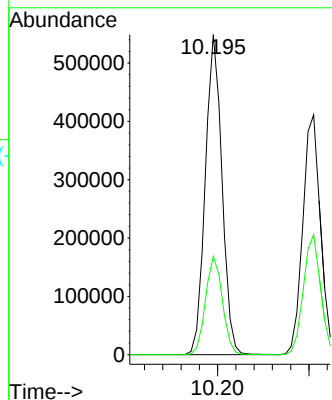
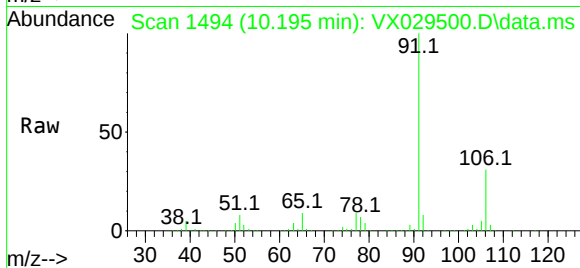




#52
Ethylbenzene
Concen: 48.815 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

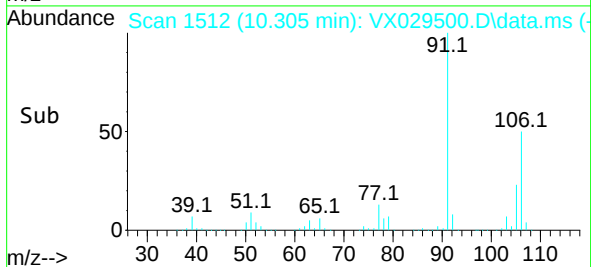
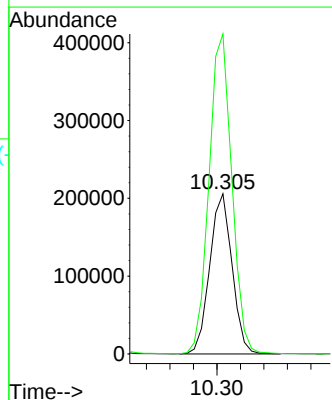
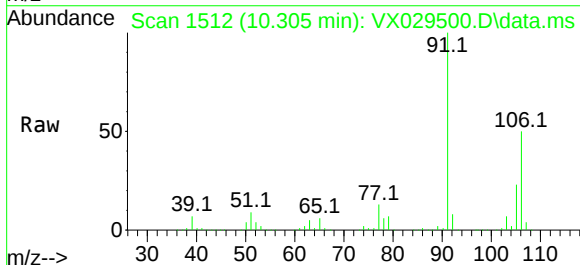
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

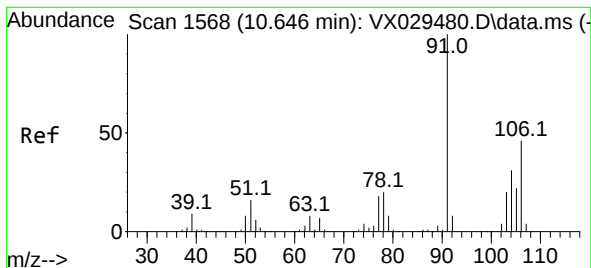
Tgt Ion: 91 Resp: 692793
Ion Ratio Lower Upper
91 100
106 30.7 21.7 40.3



#53
m,p-Xylene
Concen: 48.788 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 106 Resp: 271797
Ion Ratio Lower Upper
106 100
91 199.8 145.7 270.5





#54

o-Xylene

Concen: 49.322 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

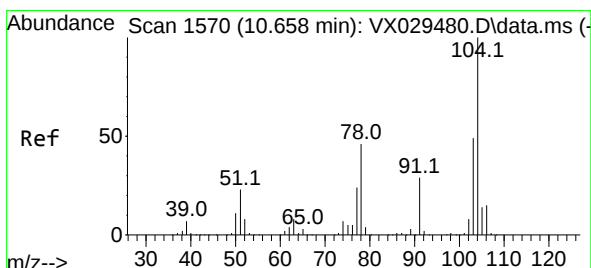
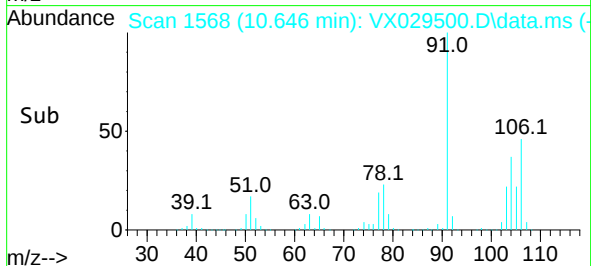
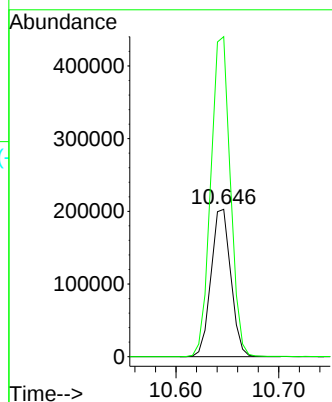
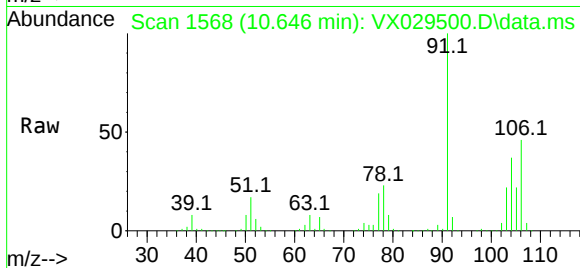
VSTD050759

Tgt Ion:106 Resp: 270999

Ion Ratio Lower Upper

106 100

91 217.1 151.2 280.8



#55

Styrene

Concen: 49.746 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX029500.D

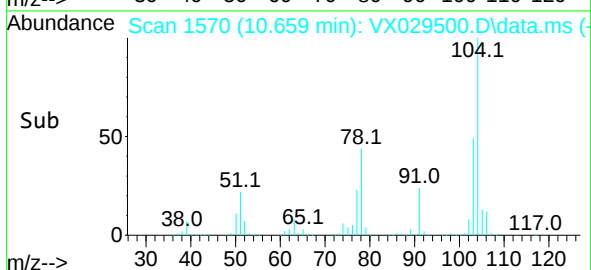
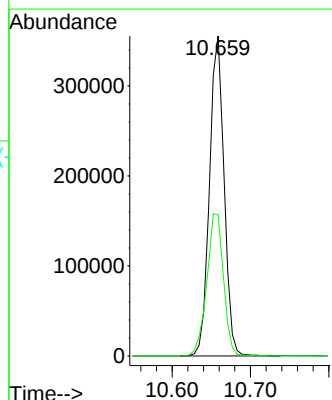
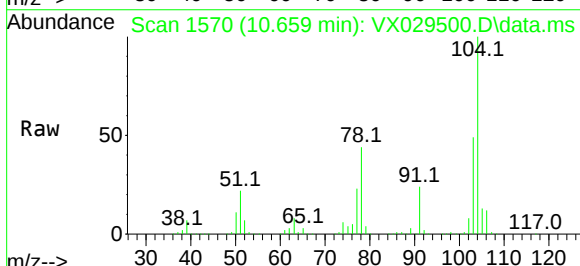
Acq: 15 Jun 2022 04:54

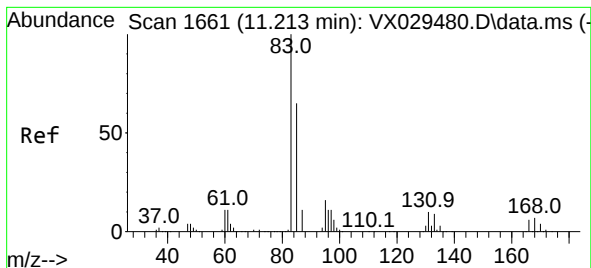
Tgt Ion:104 Resp: 459521

Ion Ratio Lower Upper

104 100

78 44.0 33.3 61.9

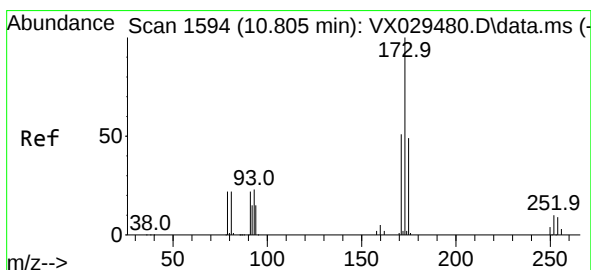
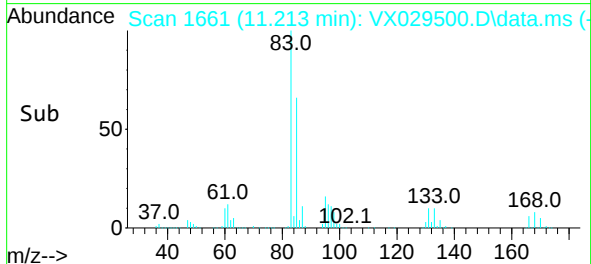
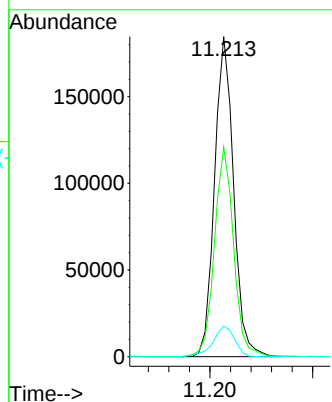
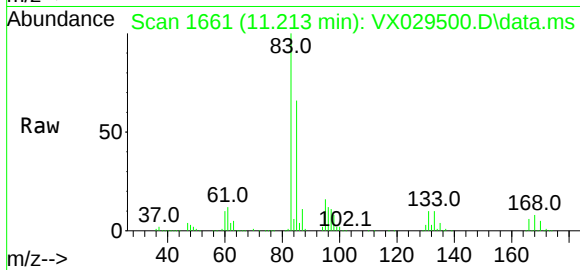




#57
1,1,2,2-Tetrachloroethane
Concen: 49.925 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

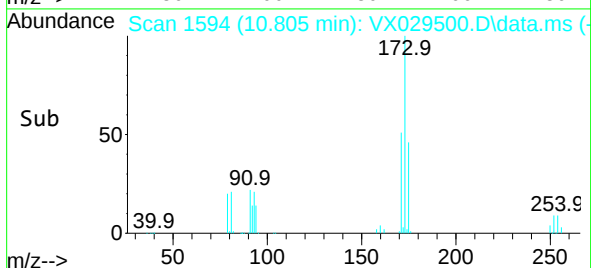
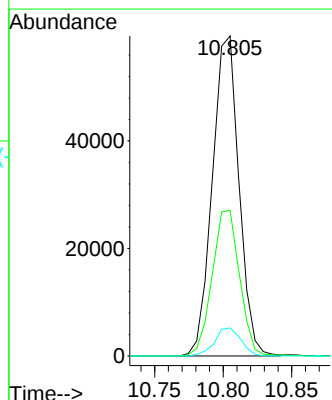
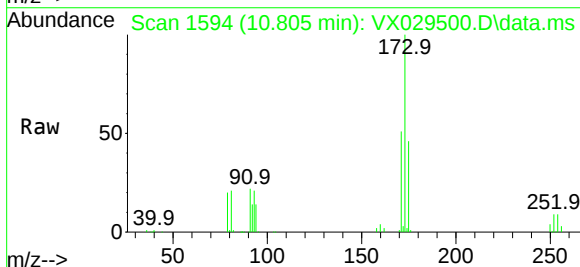
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

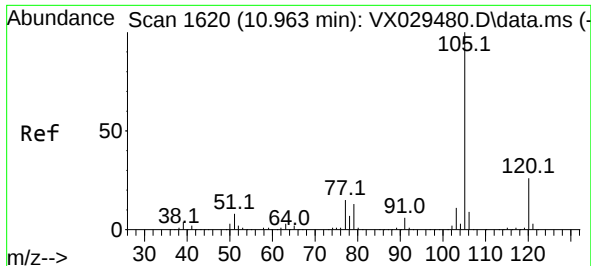
Tgt Ion: 83 Resp: 237091
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2
131 9.6 8.5 12.7



#59
Bromoform
Concen: 38.013 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 173 Resp: 80436
Ion Ratio Lower Upper
173 100
175 46.9 38.9 58.3
254 8.7 7.0 10.6

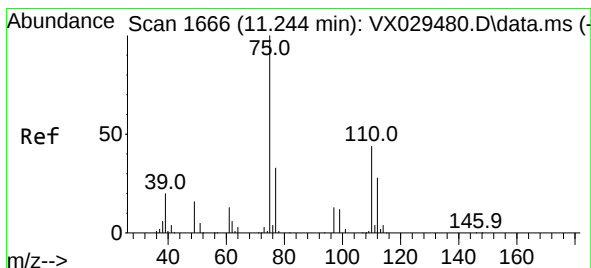
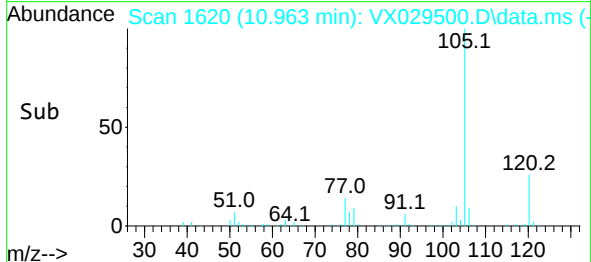
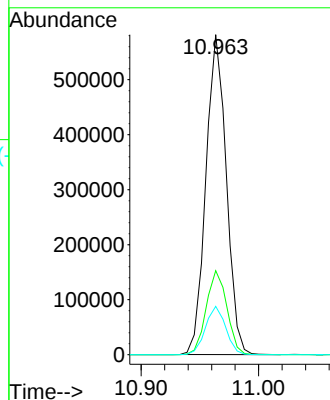
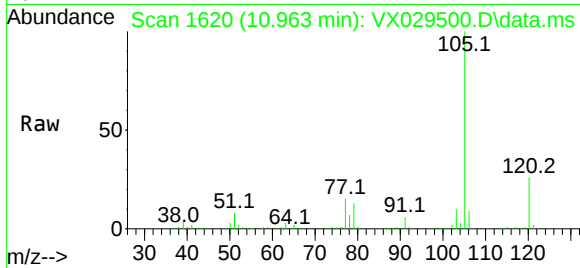




#60
Isopropylbenzene
Concen: 47.302 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

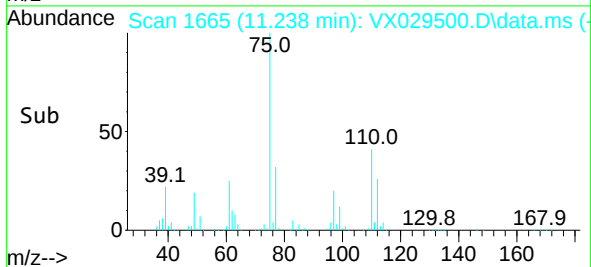
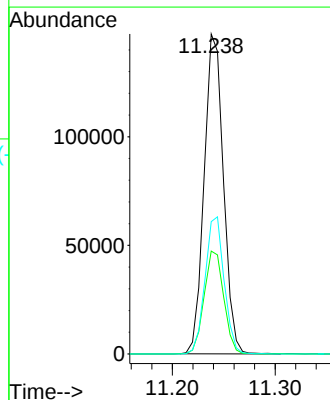
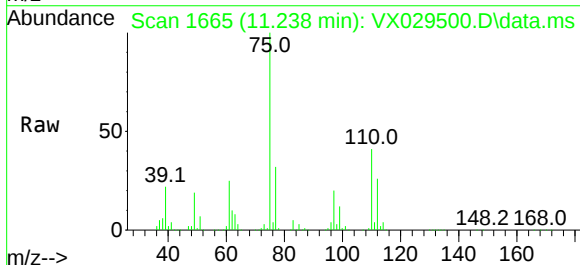
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

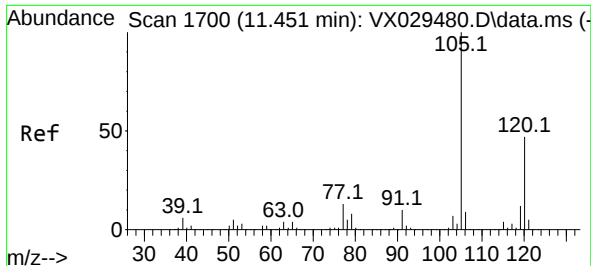
Tgt Ion:105 Resp: 702116
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 48.333 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion: 75 Resp: 192111
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 42.5 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 47.571 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

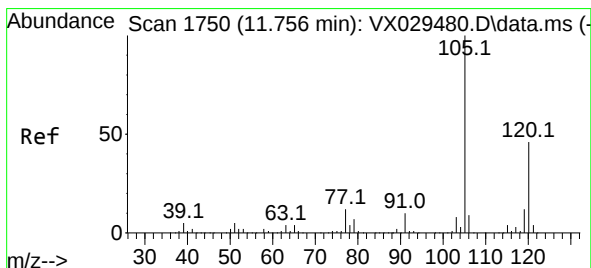
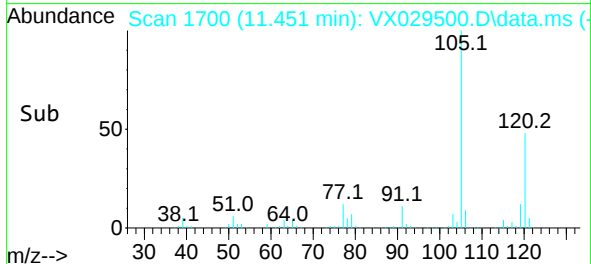
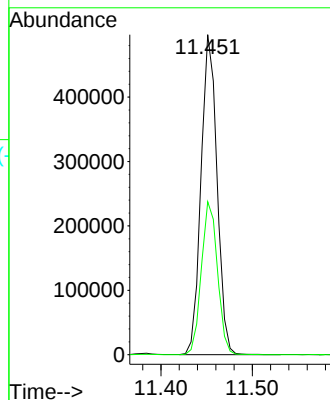
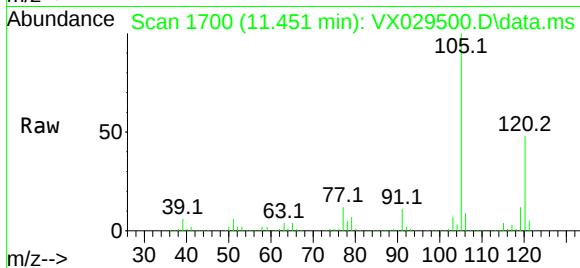
VSTD050759

Tgt Ion:105 Resp: 603057

Ion Ratio Lower Upper

105 100

120 48.1 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 47.921 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX029500.D

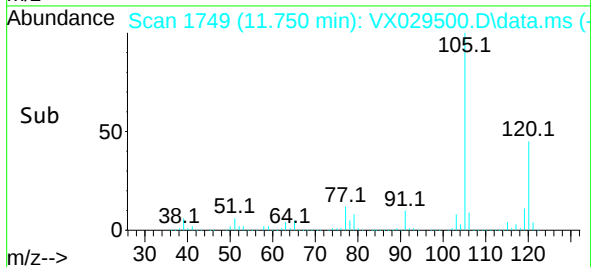
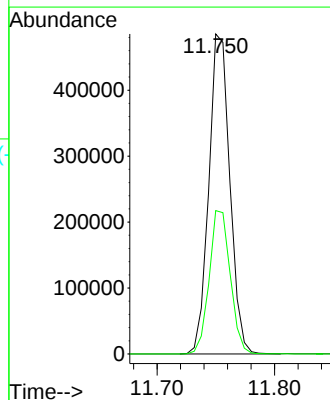
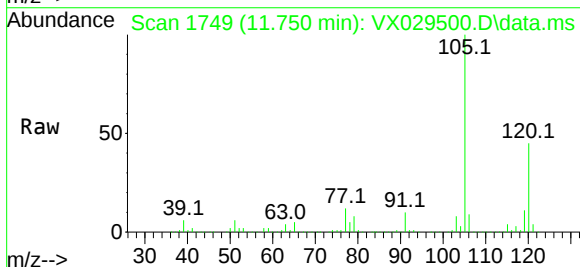
Acq: 15 Jun 2022 04:54

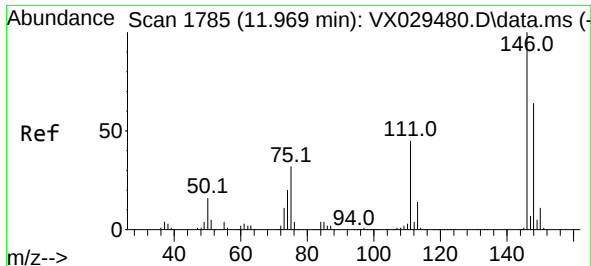
Tgt Ion:105 Resp: 603177

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1

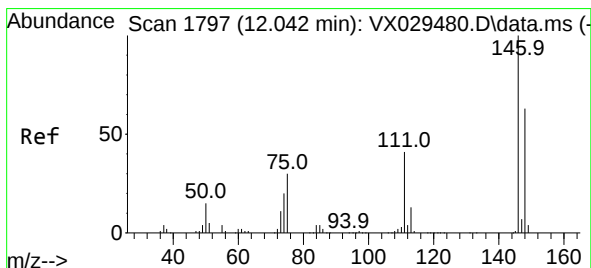
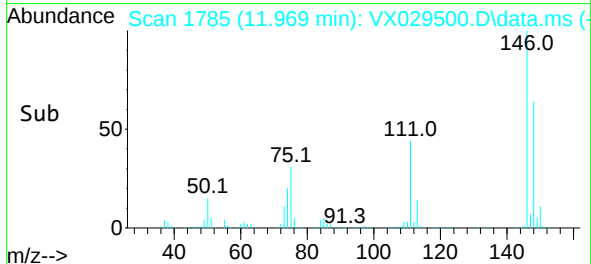
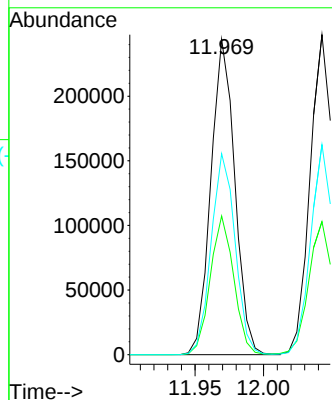
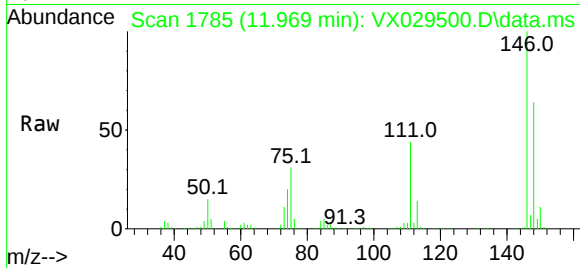




#64
1,3-Dichlorobenzene
Concen: 48.189 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

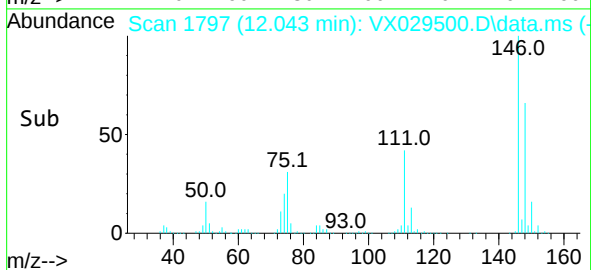
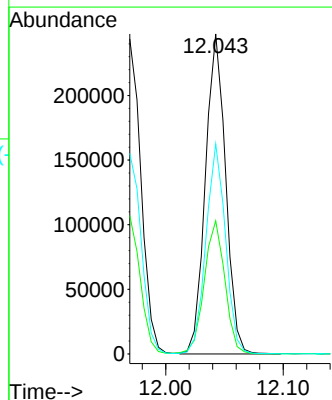
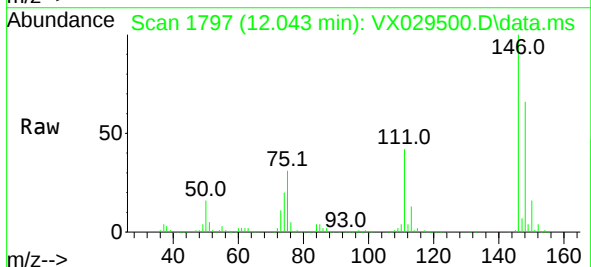
Instrument :
MSVOA_X
ClientSampleId :
VSTD050759

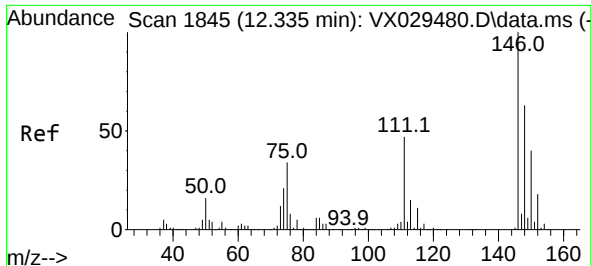
Tgt Ion:146 Resp: 296317
Ion Ratio Lower Upper
146 100
111 43.9 28.3 52.7
148 63.7 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 47.729 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029500.D
Acq: 15 Jun 2022 04:54

Tgt Ion:146 Resp: 296269
Ion Ratio Lower Upper
146 100
111 41.6 26.5 49.3
148 65.7 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 48.003 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD050759

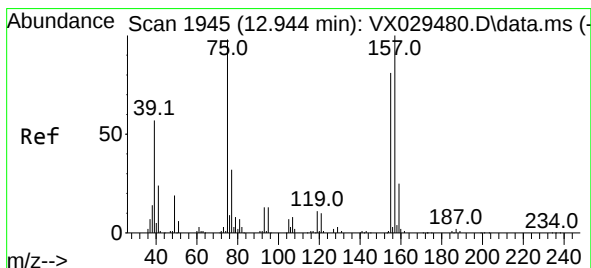
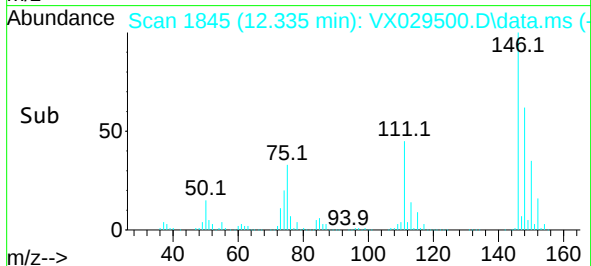
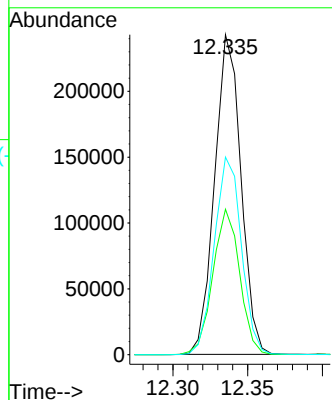
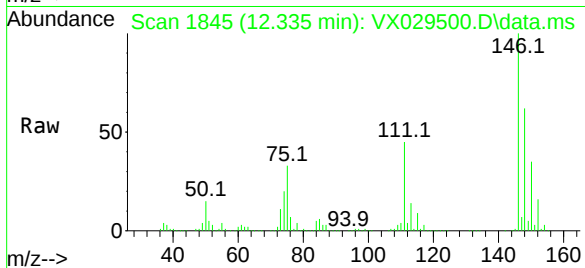
Tgt Ion:146 Resp: 297711

Ion Ratio Lower Upper

146 100

111 45.4 34.5 51.7

148 61.7 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 41.228 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

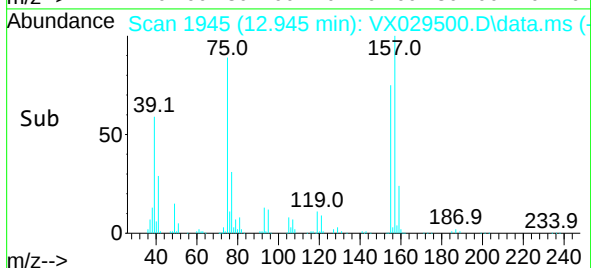
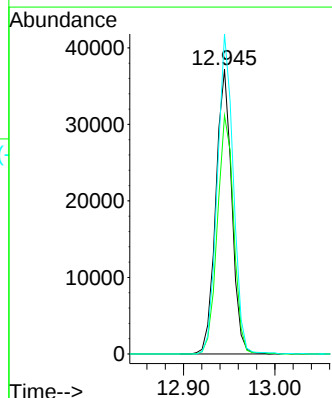
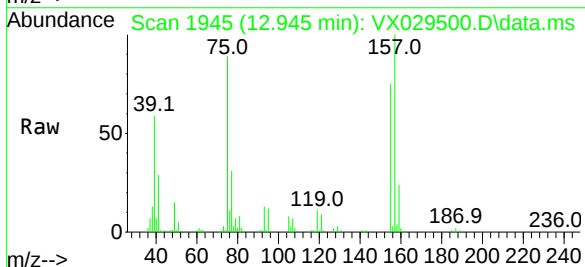
Tgt Ion: 75 Resp: 45070

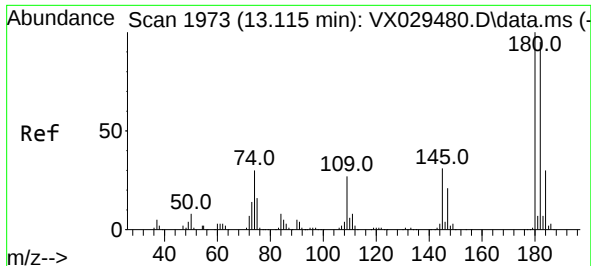
Ion Ratio Lower Upper

75 100

155 83.8 71.6 107.4

157 112.5 93.8 140.6

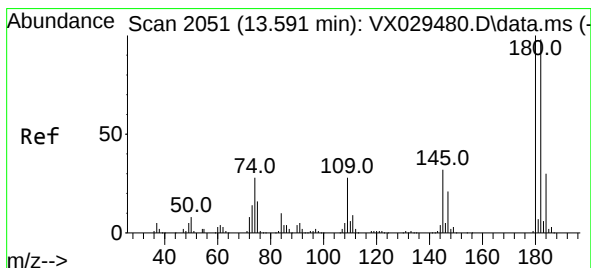
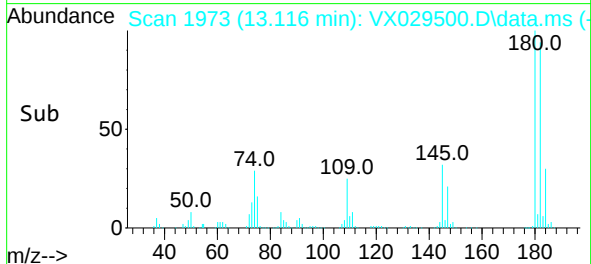
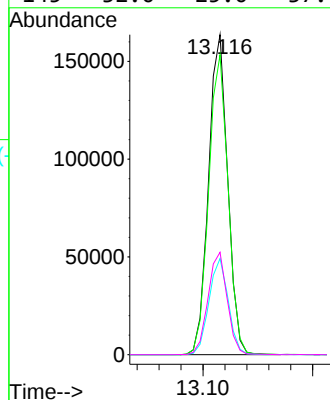
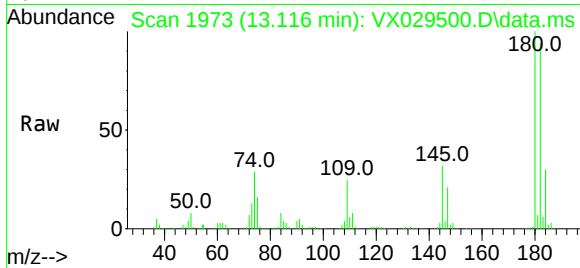




#69
 1,3,5-Trichlorobenzene
 Concen: 47.151 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX029500.D
 Acq: 15 Jun 2022 04:54

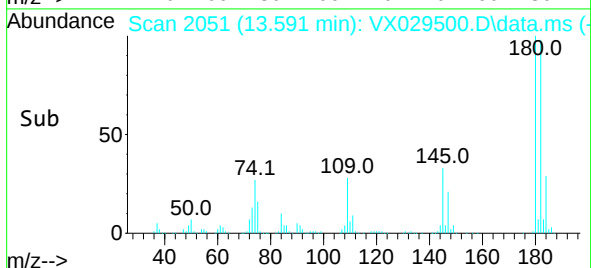
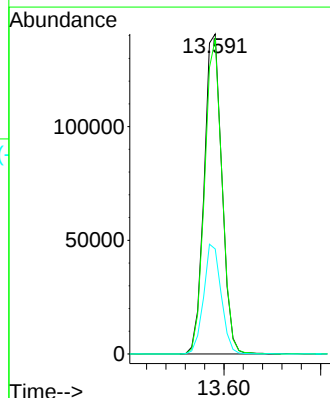
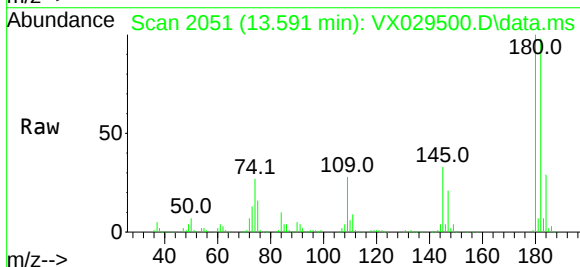
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

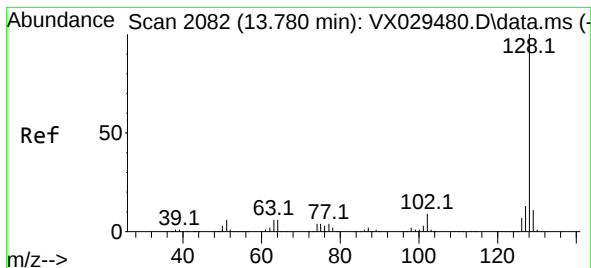
Tgt Ion:180 Resp: 198401
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 184 30.3 23.6 35.4
 145 32.0 25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 47.530 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX029500.D
 Acq: 15 Jun 2022 04:54

Tgt Ion:180 Resp: 180121
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.2
 145 33.9 25.0 37.4





#71

Naphthalene

Concen: 50.726 ug/L

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD050759

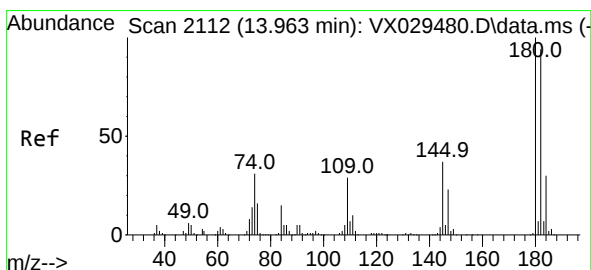
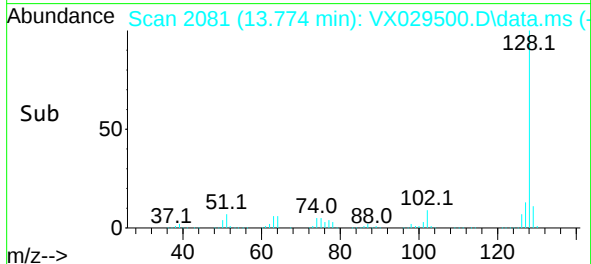
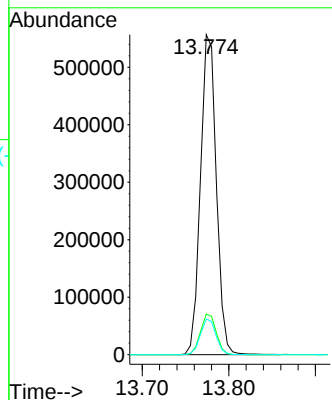
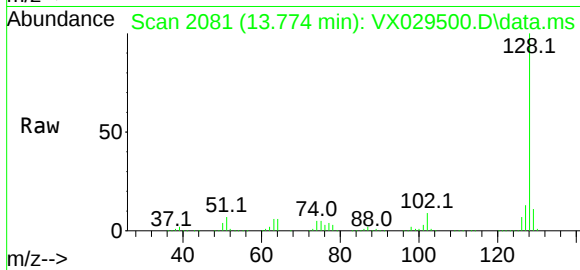
Tgt Ion:128 Resp: 707977

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 47.986 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029500.D

Acq: 15 Jun 2022 04:54

Tgt Ion:180 Resp: 183705

Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.4

145 36.3 27.4 41.0

