

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101521\
 Data File : VX024826.D
 Acq On : 15 Oct 2021 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050691

Quant Time: Oct 18 01:25:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 14 23:04:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	248005	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	125698	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73185	47.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.320%
7) Chloroethane-d5	1.666	69	59576	58.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.880%
11) 1,1-Dichloroethene-d2	2.307	63	163850	54.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.700%
21) 2-Butanone-d5	4.465	46	167381	132.588	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.590%#
24) Chloroform-d	5.062	84	186448	59.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.900%
26) 1,2-Dichloroethane-d4	5.964	65	129612	58.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.860%
32) Benzene-d6	5.977	84	349850	51.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.880%
36) 1,2-Dichloropropane-d6	7.312	67	110578	52.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.980%
41) Toluene-d8	8.653	98	329563	50.222	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.440%
43) trans-1,3-Dichloroprop...	8.952	79	59008	56.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.060%
47) 2-Hexanone-d5	9.385	63	119149	120.476	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.480%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	175466	60.478	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.960%#
66) 1,2-Dichlorobenzene-d4	12.323	152	140652	57.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	117360	53.530	ug/L	100
3) Chloromethane	1.295	50	89071	49.760	ug/L	98
5) Vinyl chloride	1.374	62	91484	50.658	ug/L	98
6) Bromomethane	1.599	94	56418	56.614	ug/L	97
8) Chloroethane	1.685	64	55159	58.506	ug/L	93
9) Trichlorofluoromethane	1.886	101	154151	60.561	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93200	58.832	ug/L	96
12) 1,1-Dichloroethene	2.319	96	82656	58.026	ug/L	89
13) Acetone	2.386	43	141889	113.706	ug/L	91
14) Carbon disulfide	2.514	76	221902	53.957	ug/L	100
15) Methyl Acetate	2.709	43	112025	56.346	ug/L	92
16) Methylene chloride	2.794	84	95433	55.682	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	90023	55.741	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	311791	58.697	ug/L	98
19) 1,1-Dichloroethane	3.617	63	167252	55.426	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	102252	56.097	ug/L	99
22) 2-Butanone	4.568	43	186671	113.004	ug/L	91
23) Bromochloromethane	4.904	128	54117	56.812	ug/L	97
25) Chloroform	5.099	83	191060	55.997	ug/L	98

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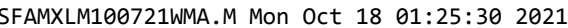
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050691

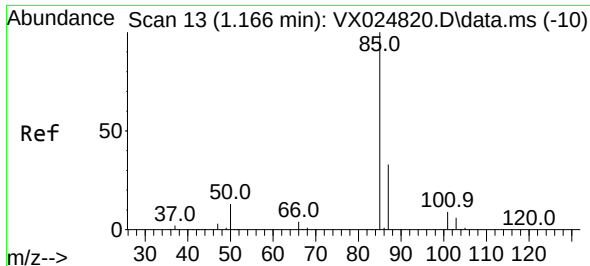
Quant Time: Oct 18 01:25:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 14 23:04:34 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	153218	57.879	ug/L	97
29) Cyclohexane	5.477	56	155306	52.332	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	167087	53.291	ug/L	98
31) Carbon tetrachloride	5.684	117	146098	53.111	ug/L	99
33) Benzene	6.044	78	385891	52.230	ug/L	100
34) Trichloroethene	7.129	95	105268	51.764	ug/L	97
35) Methylcyclohexane	7.385	83	169398	52.397	ug/L	98
37) 1,2-Dichloropropane	7.434	63	100116	51.452	ug/L	100
38) Bromodichloromethane	7.824	83	134248	54.008	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	159539	54.682	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	316848	107.011	ug/L	93
42) Toluene	8.720	91	429488	52.081	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	159202	55.869	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	103299	54.600	ug/L	100
46) Tetrachloroethene	9.275	164	83395	52.609	ug/L	98
48) 2-Hexanone	9.433	43	261614	108.314	ug/L	91
49) Dibromochloromethane	9.525	129	110794	56.313	ug/L	97
50) 1,2-Dibromoethane	9.610	107	112037	54.834	ug/L	100
51) Chlorobenzene	10.080	112	280041	56.343	ug/L	98
52) Ethylbenzene	10.195	91	473967	55.819	ug/L	97
53) m,p-Xylene	10.305	106	189546	57.138	ug/L	100
54) o-Xylene	10.647	106	182893	55.197	ug/L	95
55) Styrene	10.659	104	316688	57.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.214	83	164399	54.979	ug/L	99
59) Bromoform	10.805	173	79930	56.201	ug/L	97
60) Isopropylbenzene	10.964	105	486662	56.223	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	137084	53.134	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	422050	55.514	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	423430	56.974	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	224981	55.735	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	225862	56.016	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	224864	56.419	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	39402	56.814	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	164266	56.653	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	142786	58.202	ug/L	95
71) Naphthalene	13.780	128	507547	61.976	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	149645	59.114	ug/L	97

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

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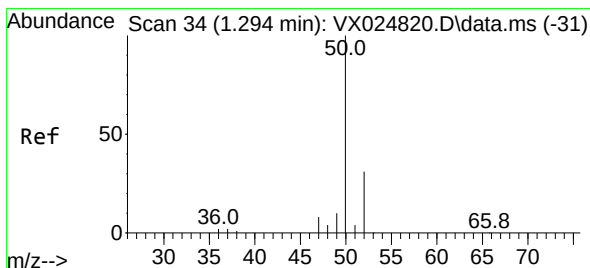
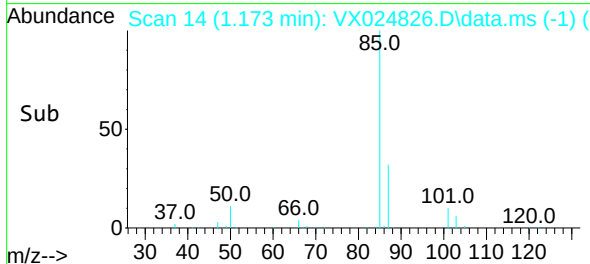
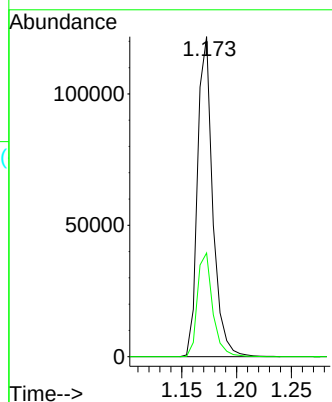
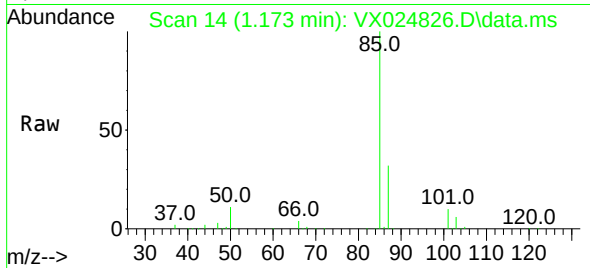




#2
 Dichlorodifluoromethane
 Concen: 53.530 ug/L
 RT: 1.173 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VX024826.D
 Acq: 15 Oct 2021 12:13

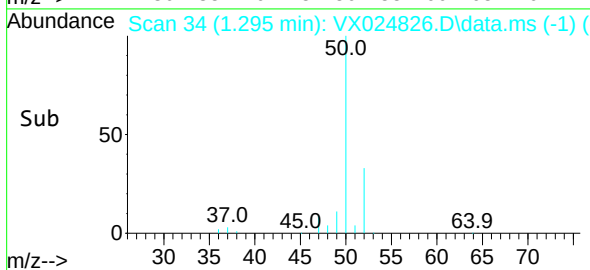
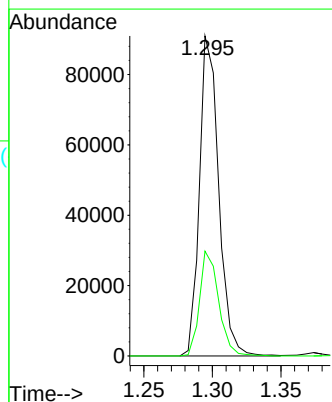
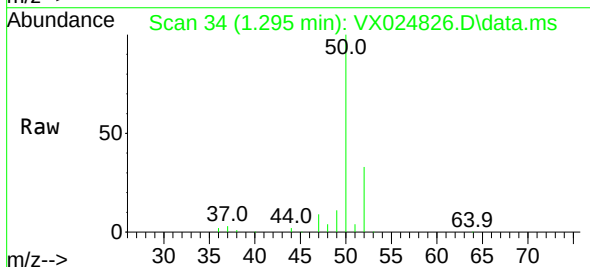
Instrument :
 MSVOA_X
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 VSTD050691

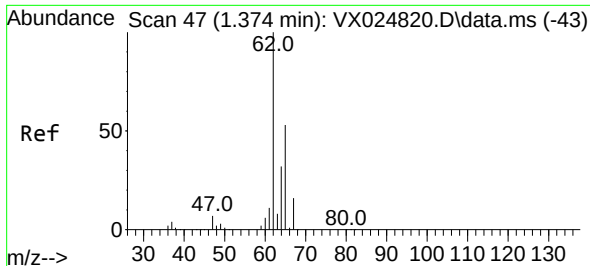
Tgt Ion: 85 Resp: 117360
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 49.760 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX024826.D
 Acq: 15 Oct 2021 12:13

Tgt Ion: 50 Resp: 89071
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 43.9

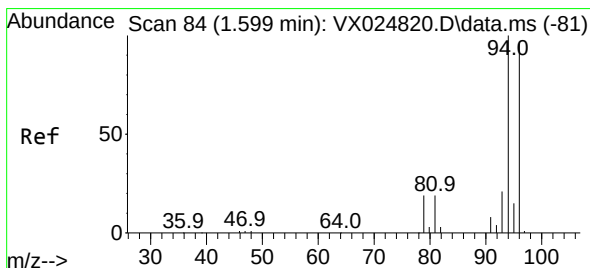
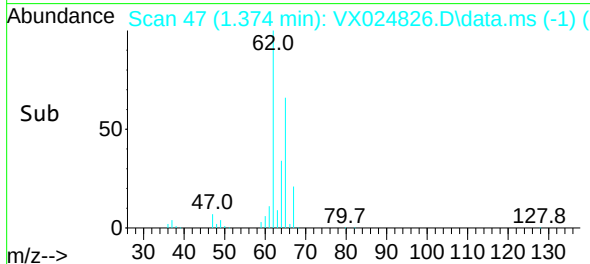
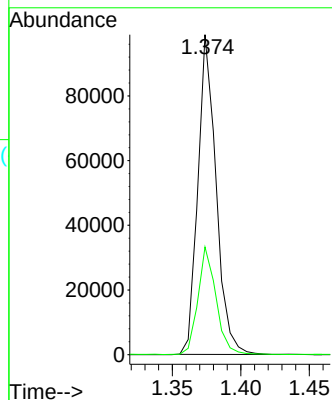
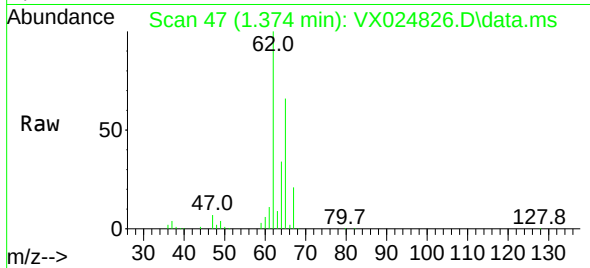




#5
 Vinyl chloride
 Concen: 50.658 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX024826.D
 Acq: 15 Oct 2021 12:13

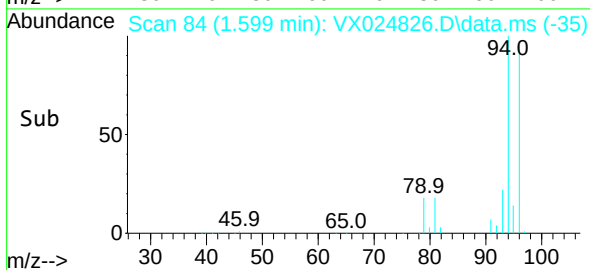
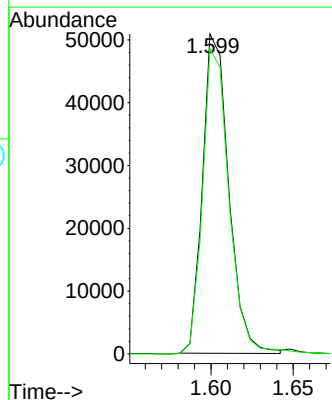
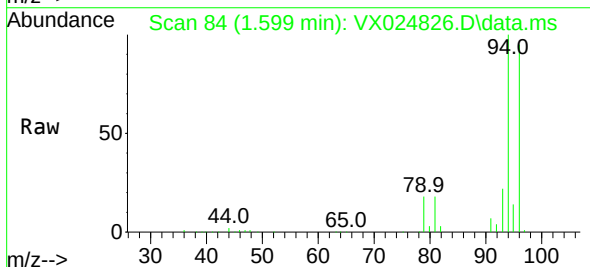
Instrument :
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 ClientSampleId :
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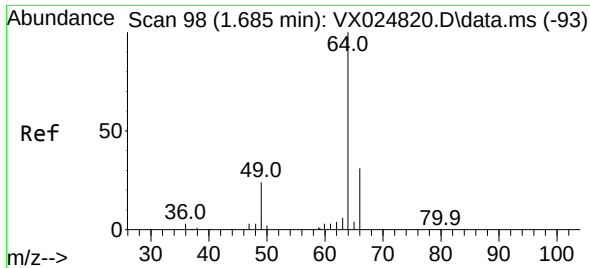
Tgt Ion: 62 Resp: 91484
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.7 42.3



#6
 Bromomethane
 Concen: 56.614 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX024826.D
 Acq: 15 Oct 2021 12:13

Tgt Ion: 94 Resp: 56418
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.8 120.3

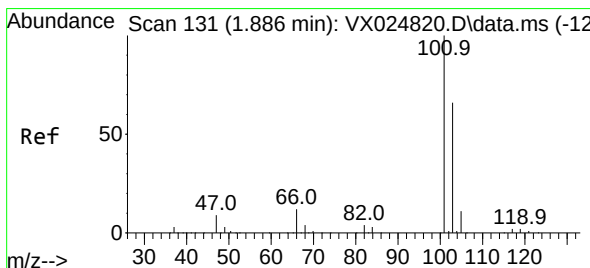
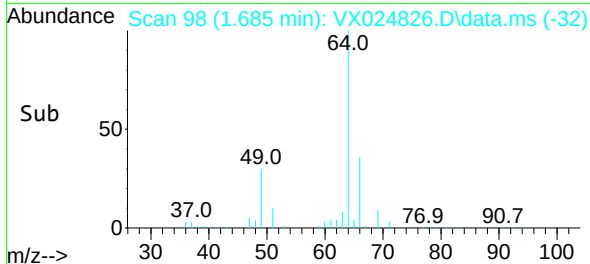
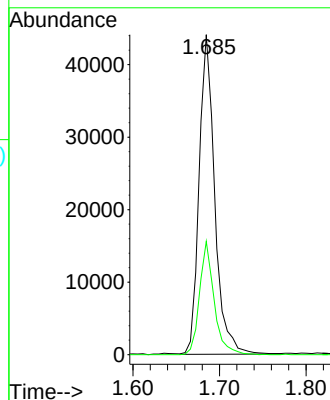
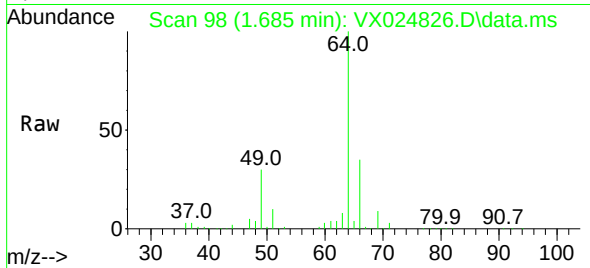




#8
Chloroethane
Concen: 58.506 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

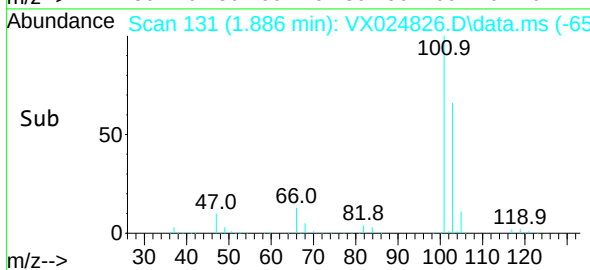
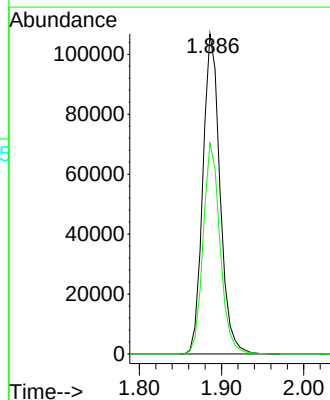
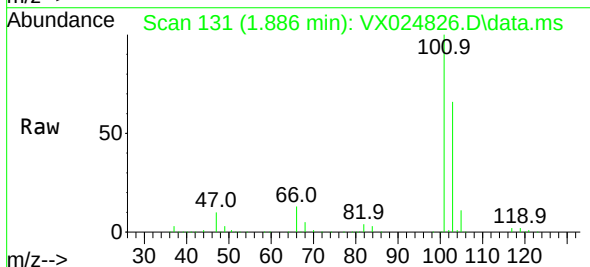
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

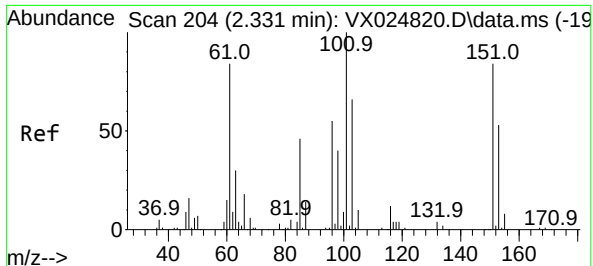
Tgt Ion: 64 Resp: 55159
Ion Ratio Lower Upper
64 100
66 35.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 60.561 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 101 Resp: 154151
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 58.832 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX024826.D

Acq: 15 Oct 2021 12:13

Tgt Ion:101 Resp: 93200

Ion Ratio Lower Upper

101 100

85 43.9 34.3 51.5

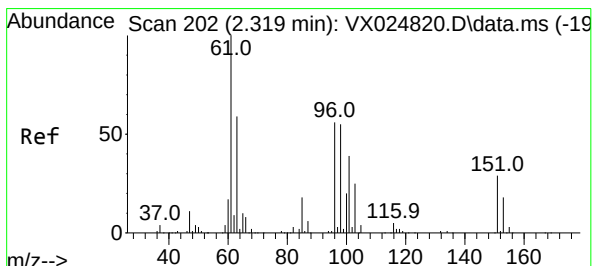
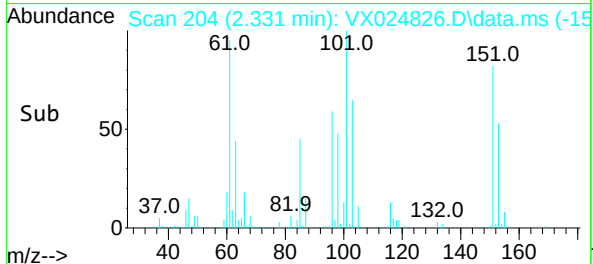
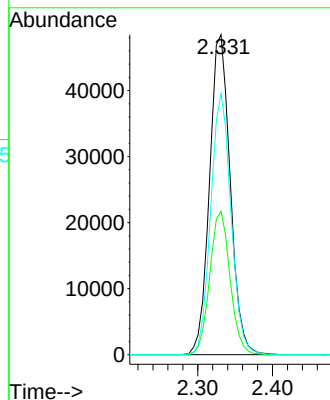
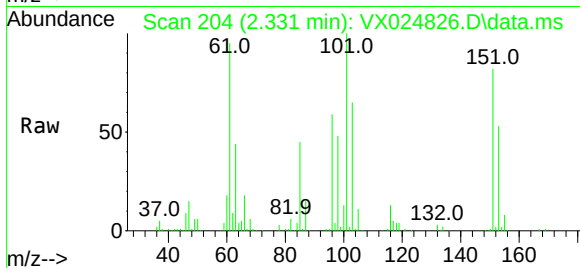
151 80.4 60.7 91.1

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691



#12

1,1-Dichloroethene

Concen: 58.026 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX024826.D

Acq: 15 Oct 2021 12:13

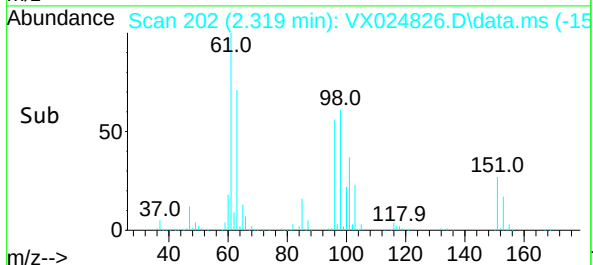
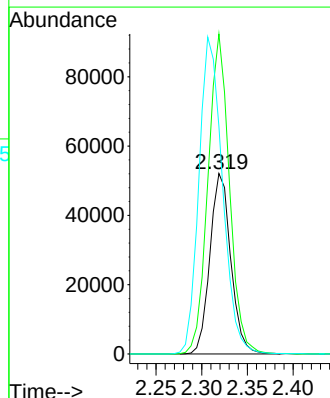
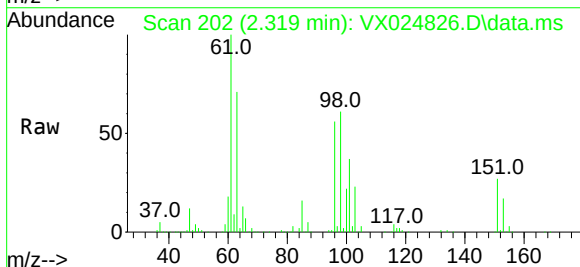
Tgt Ion: 96 Resp: 82656

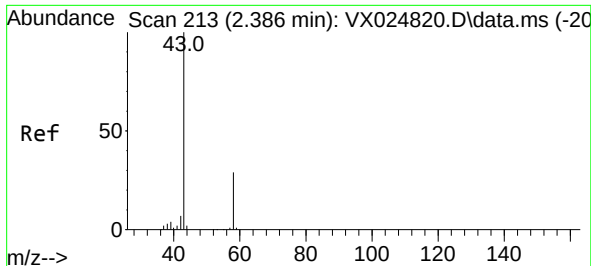
Ion Ratio Lower Upper

96 100

61 177.2 115.5 214.5

63 126.0 77.3 143.7

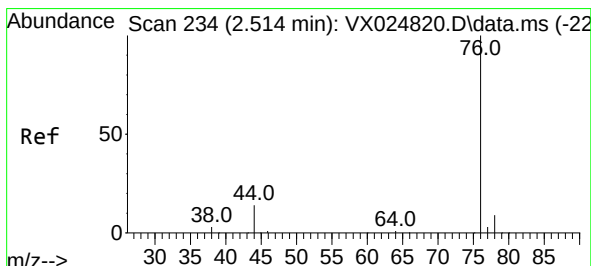
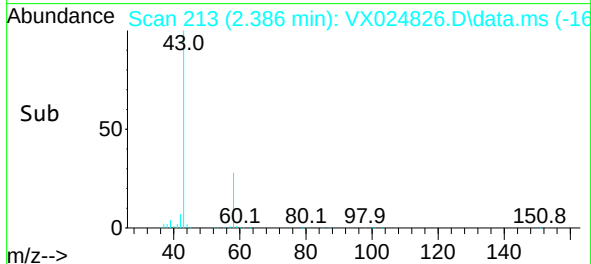
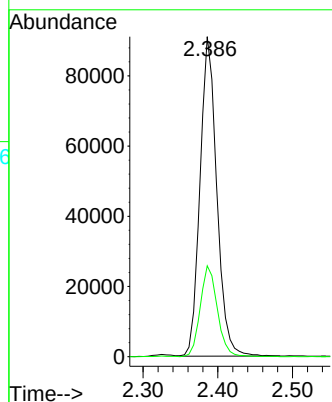
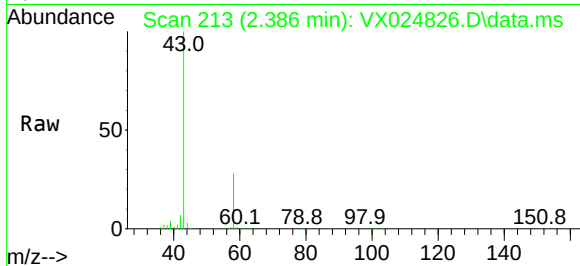




#13
Acetone
Concen: 113.706 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

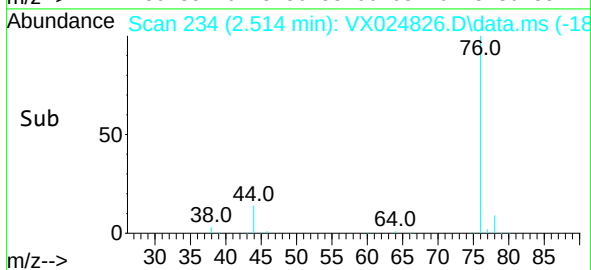
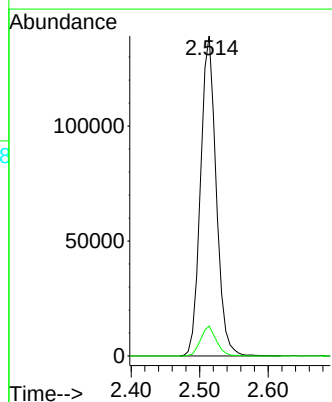
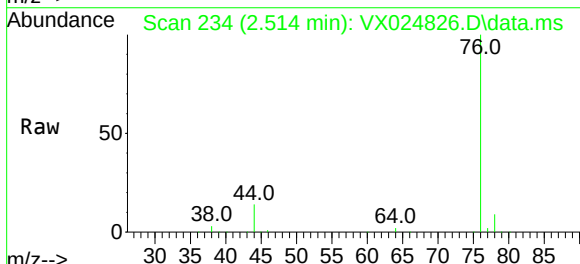
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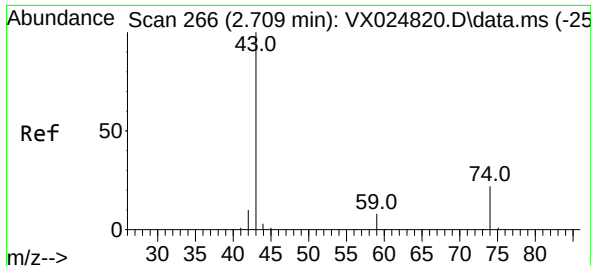
Tgt Ion: 43 Resp: 141889
Ion Ratio Lower Upper
43 100
58 29.0 0.0 68.2



#14
Carbon disulfide
Concen: 53.957 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 76 Resp: 221902
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

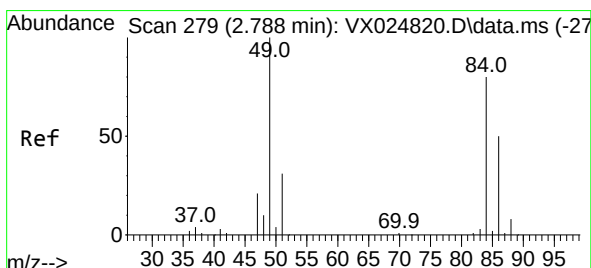
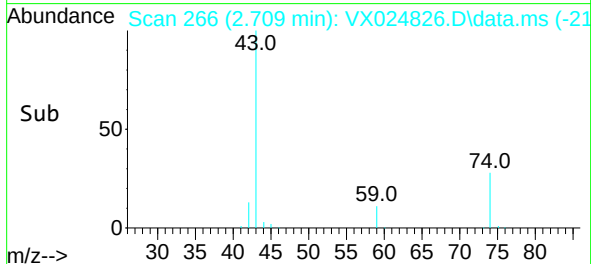
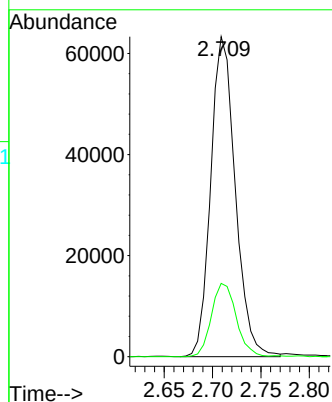
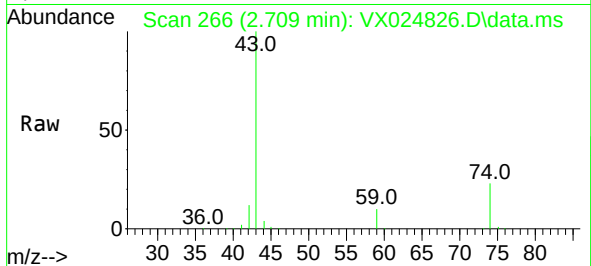




#15
Methyl Acetate
Concen: 56.346 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

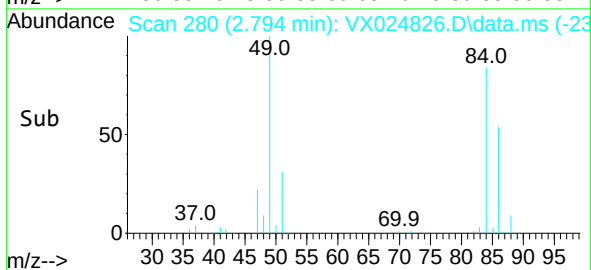
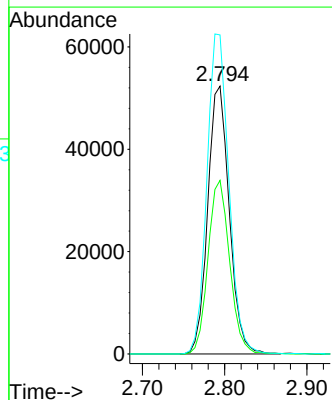
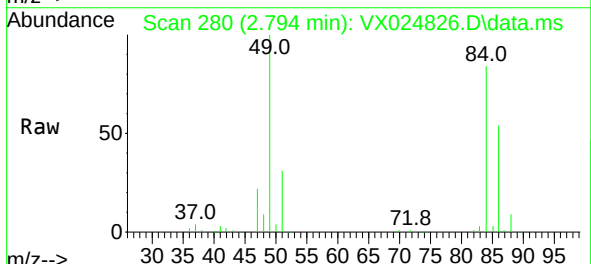
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

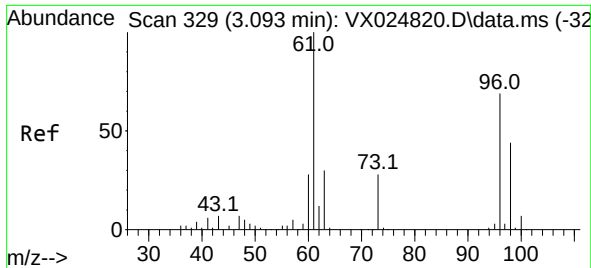
Tgt Ion: 43 Resp: 112025
Ion Ratio Lower Upper
43 100
74 23.1 21.7 32.5



#16
Methylene chloride
Concen: 55.682 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 84 Resp: 95433
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.0
49 119.2 77.8 144.6



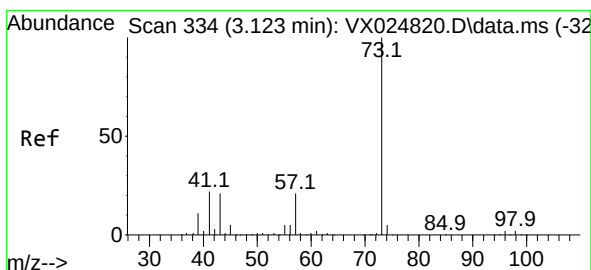
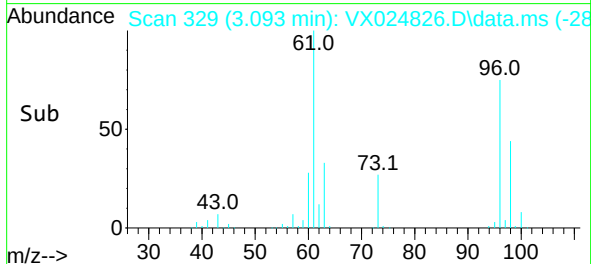
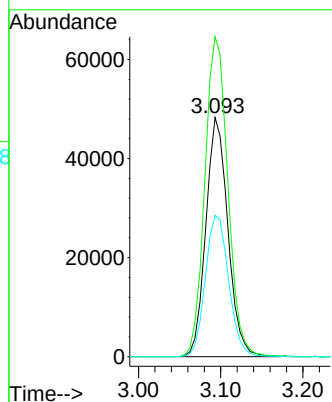
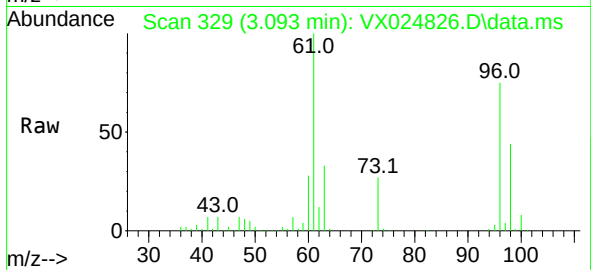


#17
trans-1,2-Dichloroethene
Concen: 55.741 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion: 96 Resp: 90023

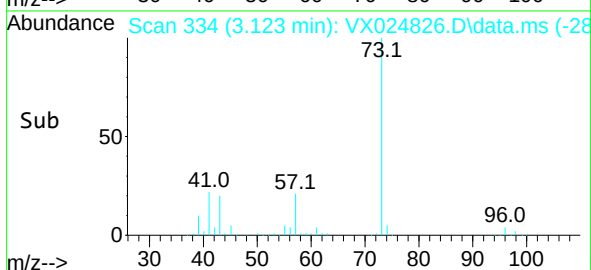
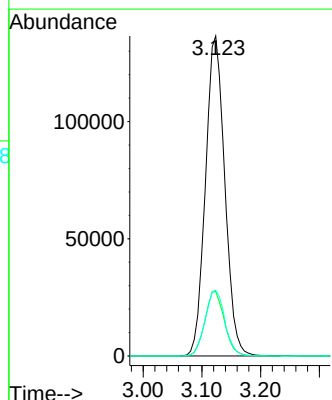
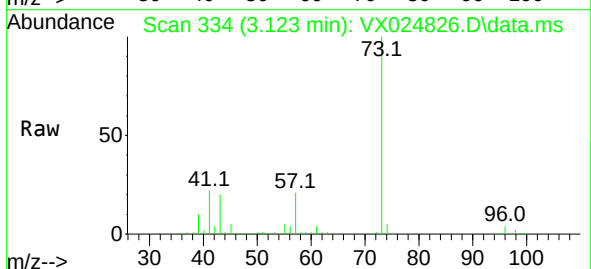
Ion	Ratio	Lower	Upper
96	100		
61	133.8	92.3	171.3
98	59.2	46.3	85.9

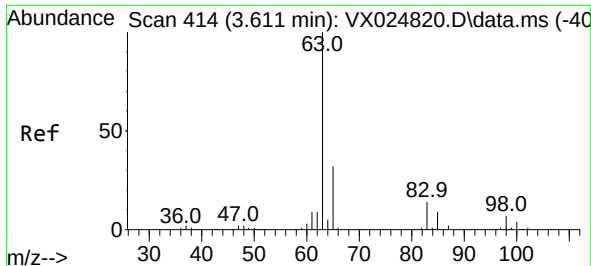


#18
Methyl tert-butyl Ether
Concen: 58.697 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 73 Resp: 311791

Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.1	22.7
57	21.0	17.4	26.2





#19

1,1-Dichloroethane

Concen: 55.426 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX024826.D

Acq: 15 Oct 2021 12:13

Tgt Ion: 63 Resp: 167252

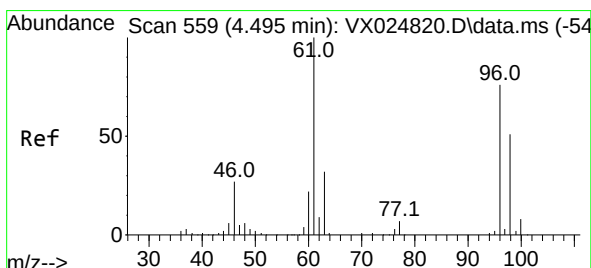
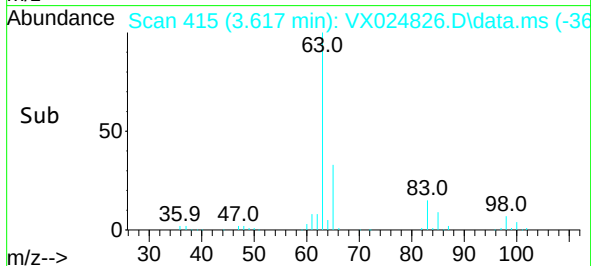
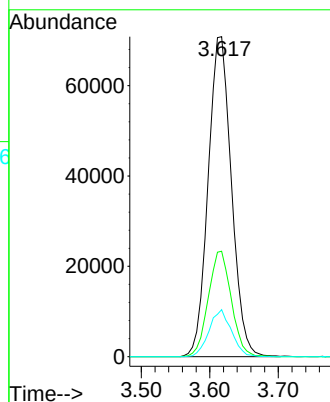
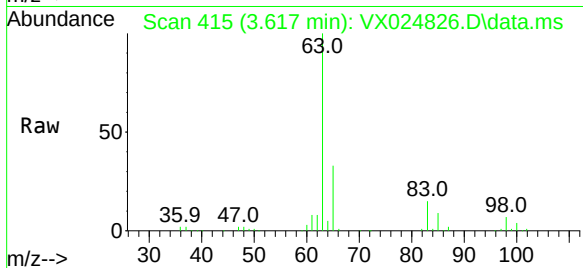
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.4	41.6
83	14.7	9.5	17.7

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691



#20

cis-1,2-Dichloroethene

Concen: 56.097 ug/L

RT: 4.495 min Scan# 559

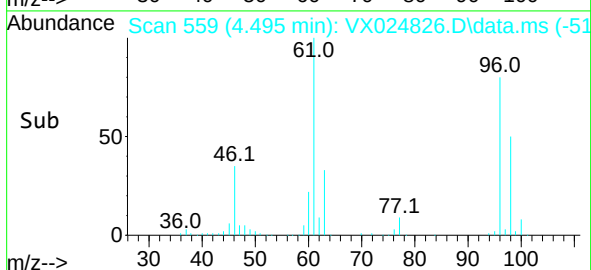
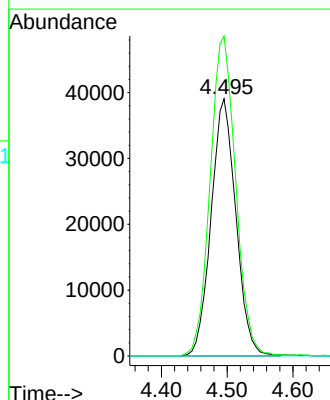
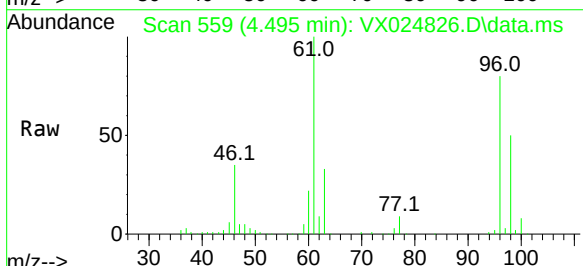
Delta R.T. 0.000 min

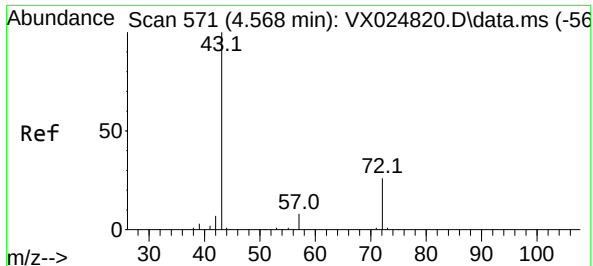
Lab File: VX024826.D

Acq: 15 Oct 2021 12:13

Tgt Ion: 96 Resp: 102252

Ion	Ratio	Lower	Upper
96	100		
61	124.5	87.8	163.0
68	0.0	0.0	0.0

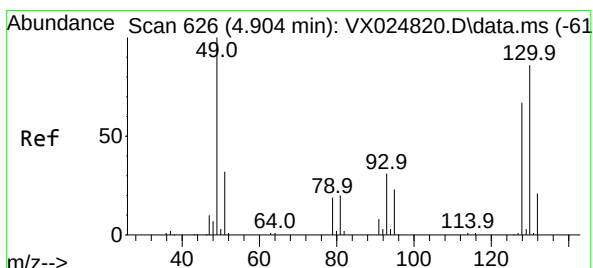
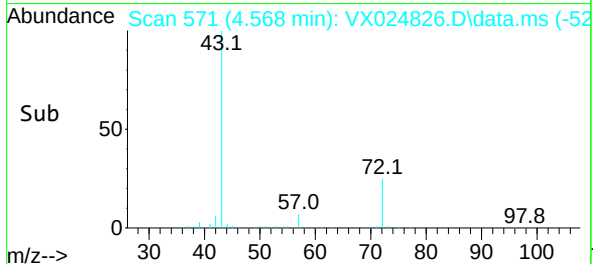
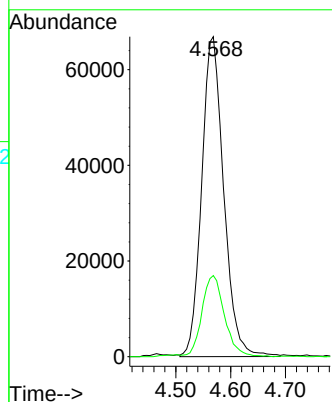
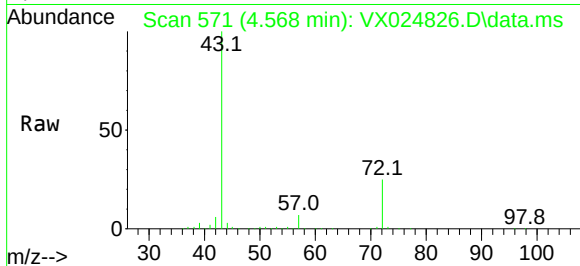




#22
2-Butanone
Concen: 113.004 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

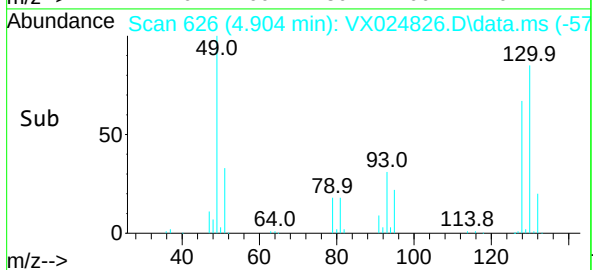
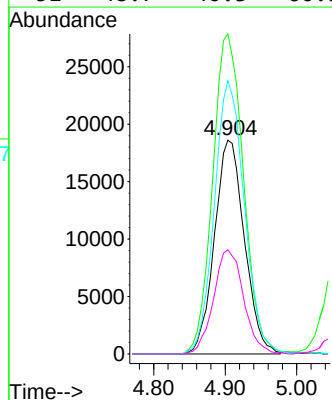
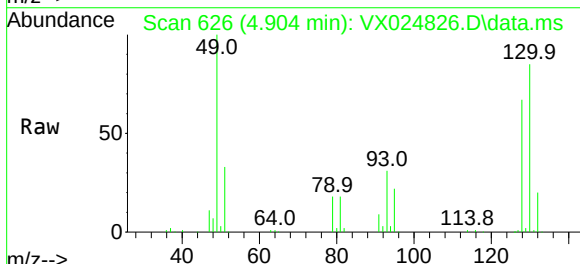
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

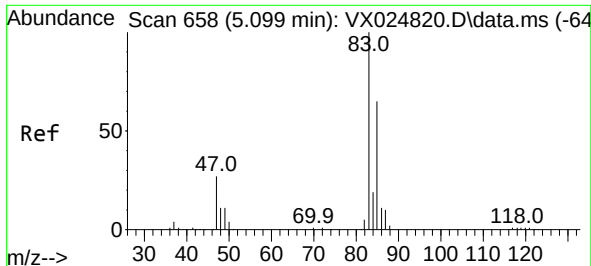
Tgt Ion: 43 Resp: 186671
Ion Ratio Lower Upper
43 100
72 25.8 15.3 45.8



#23
Bromochloromethane
Concen: 56.812 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 128 Resp: 54117
Ion Ratio Lower Upper
128 100
49 149.7 107.5 199.7
130 127.8 91.1 169.3
51 48.7 40.3 60.5





#25

Chloroform

Concen: 55.997 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX024826.D

Acq: 15 Oct 2021 12:13

Instrument :

MSVOA_X

ClientSampleId :

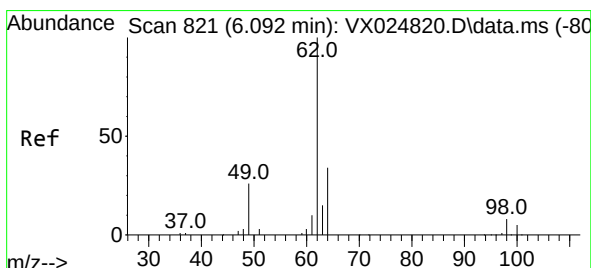
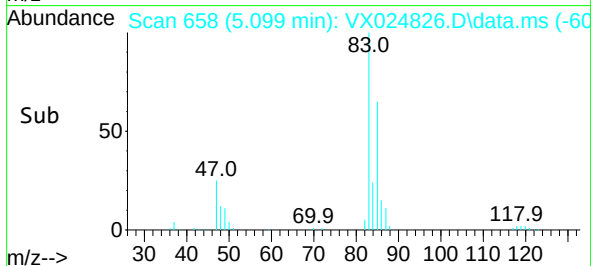
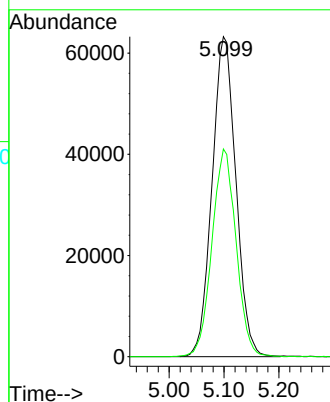
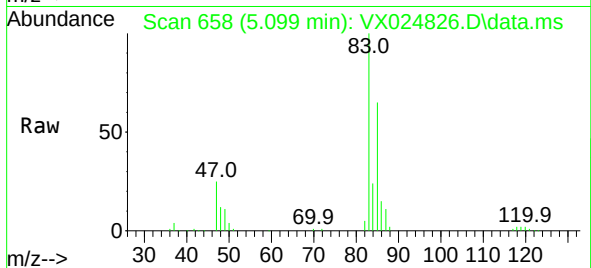
VSTD050691

Tgt Ion: 83 Resp: 191060

Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 57.879 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX024826.D

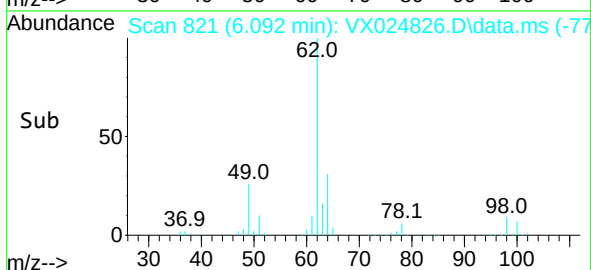
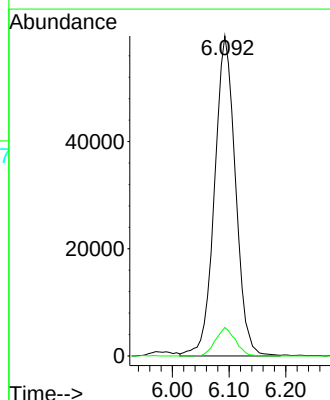
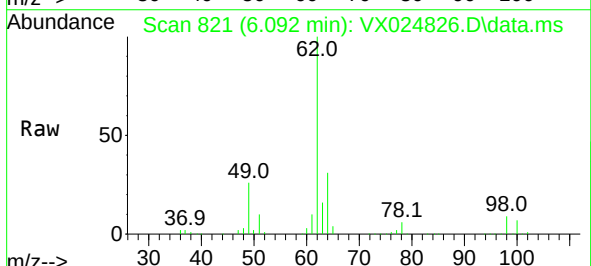
Acq: 15 Oct 2021 12:13

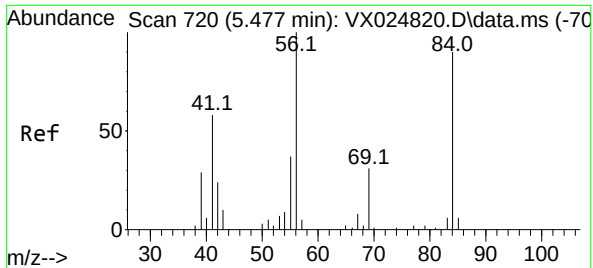
Tgt Ion: 62 Resp: 153218

Ion Ratio Lower Upper

62 100

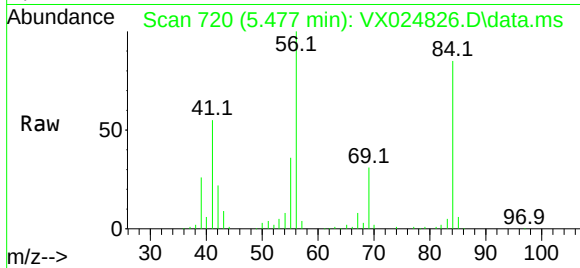
98 8.9 7.9 11.9



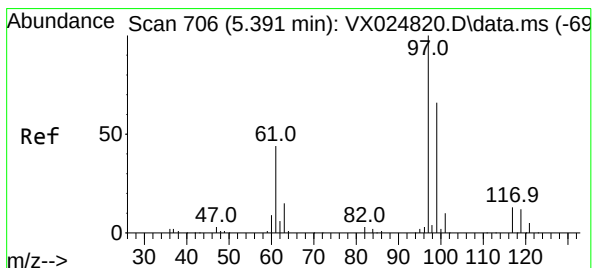
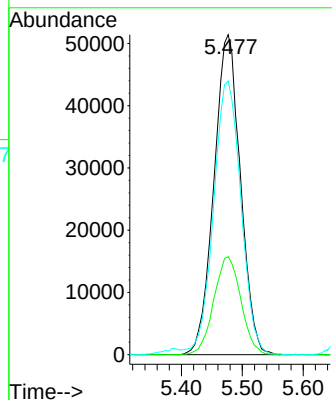
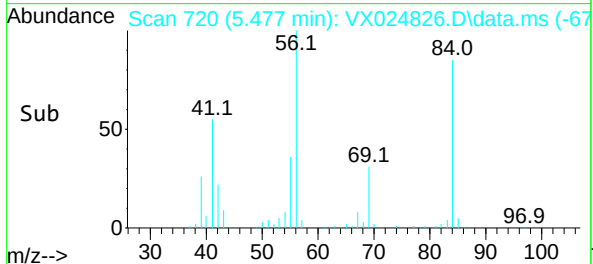


#29
Cyclohexane
Concen: 52.332 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

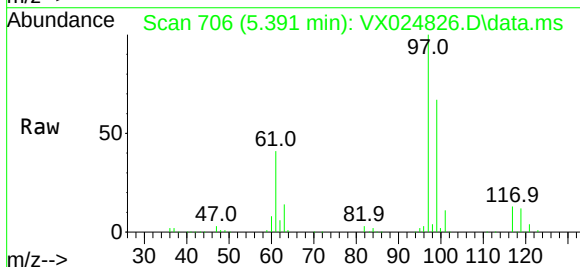
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691



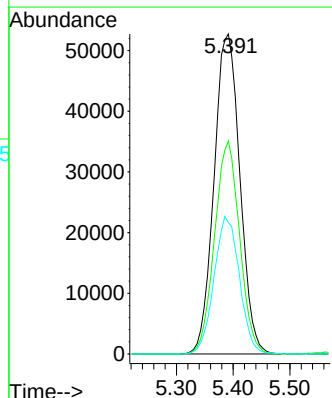
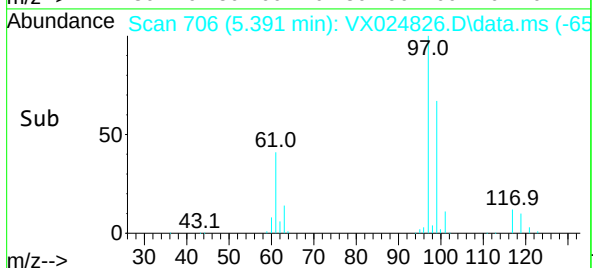
Tgt Ion:	56	Resp:	155306
Ion Ratio	Lower	Upper	
56	100		
69	31.3	25.7	38.5
84	88.8	72.4	108.6

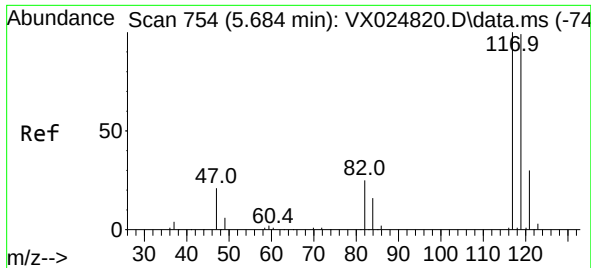


#30
1,1,1-Trichloroethane
Concen: 53.291 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13



Tgt Ion:	97	Resp:	167087
Ion Ratio	Lower	Upper	
97	100		
99	64.4	52.1	78.1
61	42.1	35.3	52.9

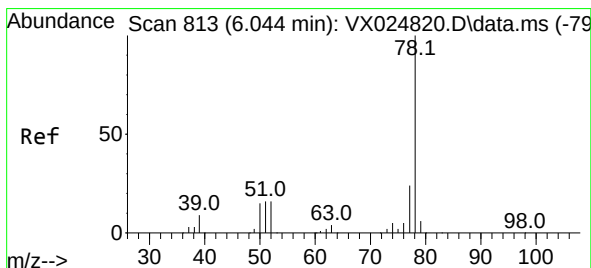
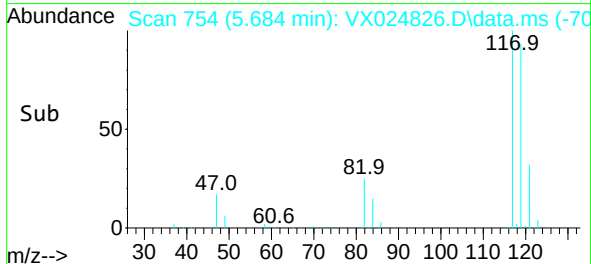
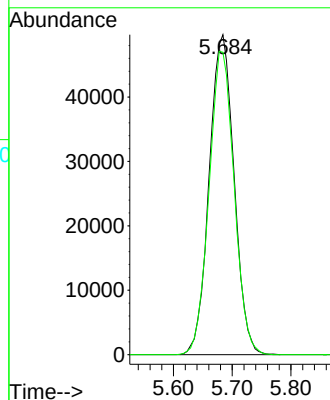
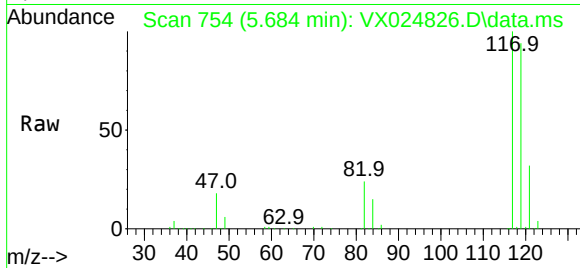




#31
Carbon tetrachloride
Concen: 53.111 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

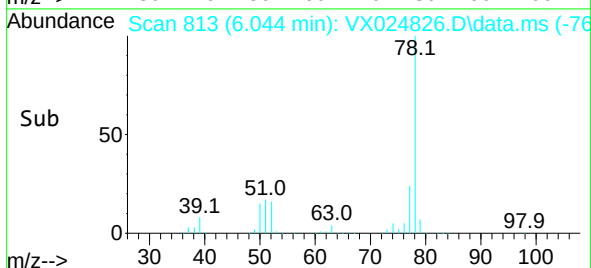
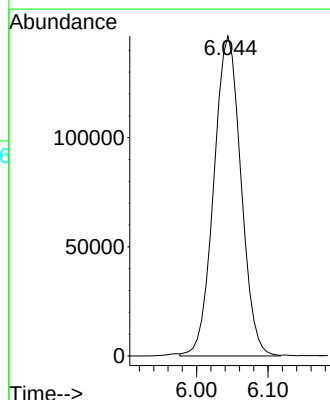
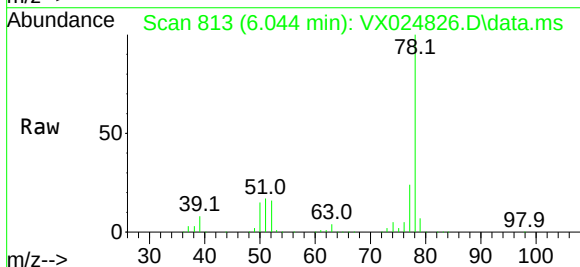
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

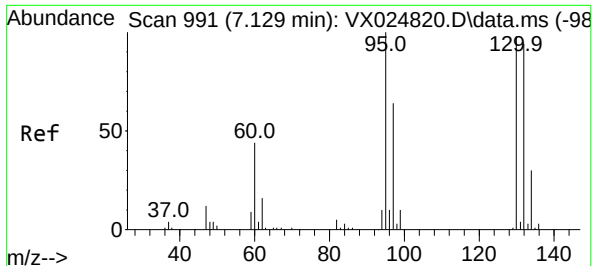
Tgt Ion:117 Resp: 146098
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3



#33
Benzene
Concen: 52.230 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 78 Resp: 385891



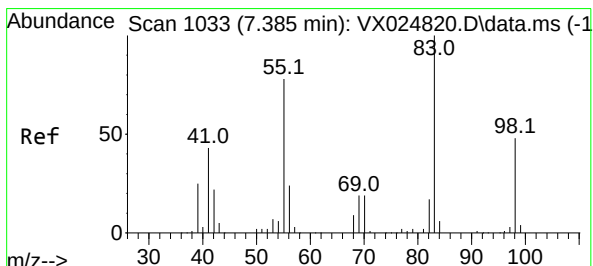
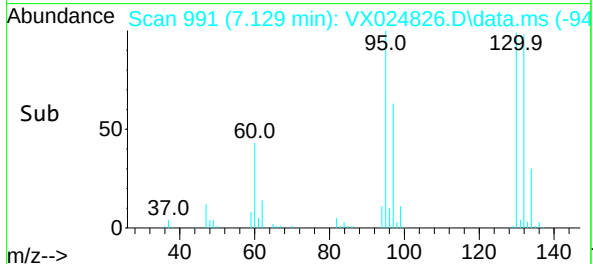
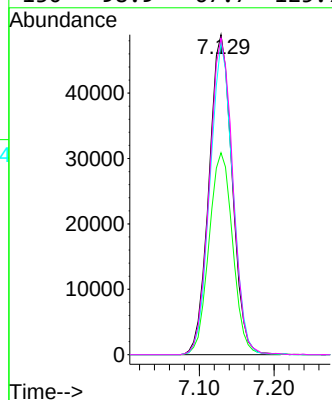
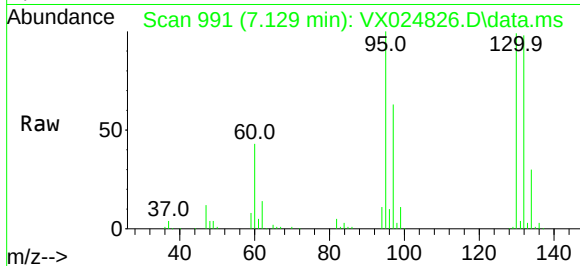


#34
Trichloroethene
Concen: 51.764 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion: 95 Resp: 105268

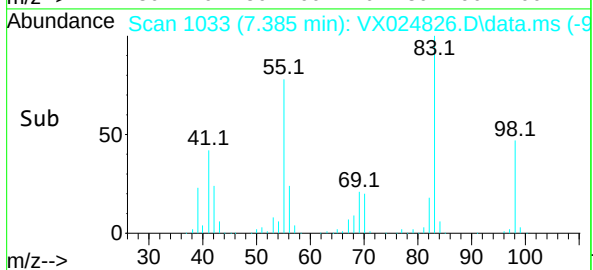
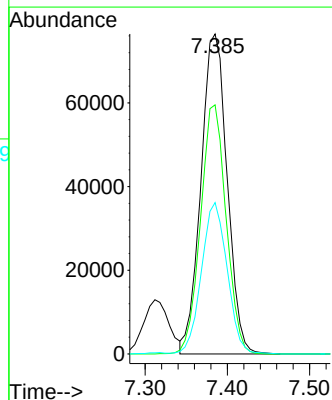
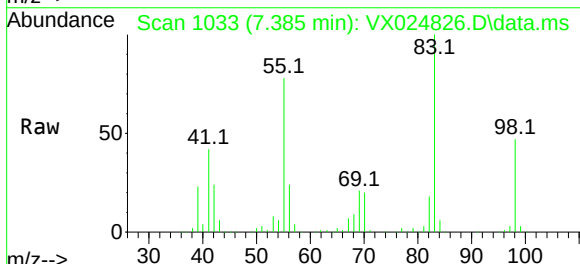
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.5	82.7
132	97.7	65.2	121.0
130	98.9	67.7	125.7

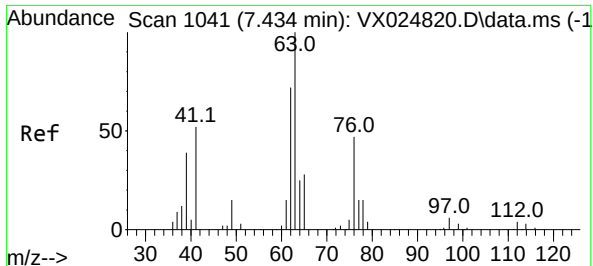


#35
Methylcyclohexane
Concen: 52.397 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 83 Resp: 169398

Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.2	91.8
98	46.5	38.7	58.1



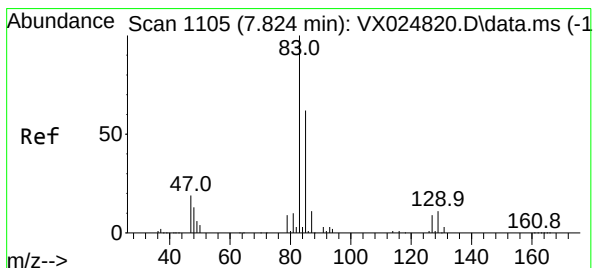
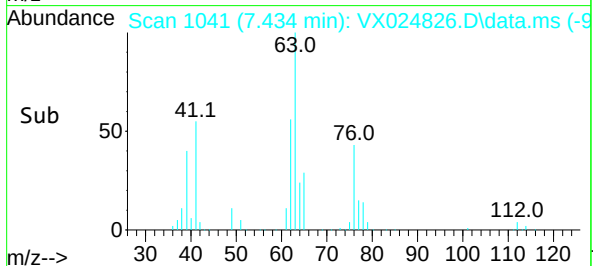
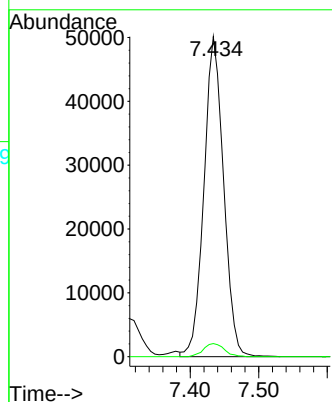
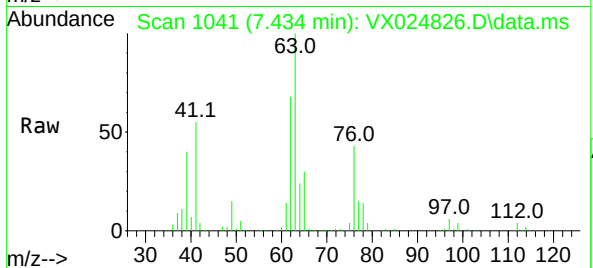


#37

1,2-Dichloropropane
Concen: 51.452 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTD050691

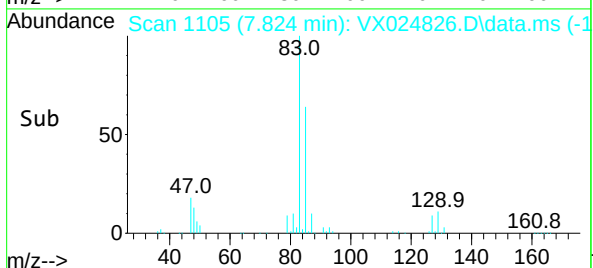
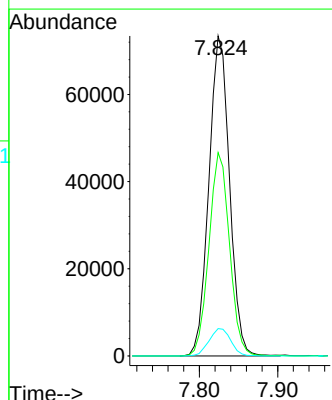
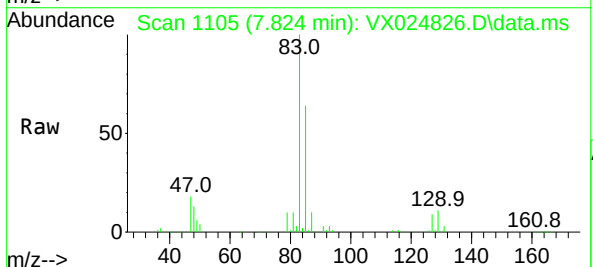
Tgt Ion: 63 Resp: 100116
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4

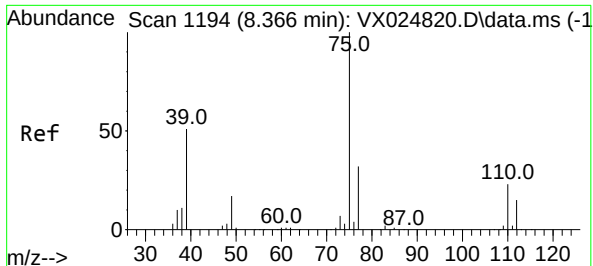


#38

Bromodichloromethane
Concen: 54.008 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 83 Resp: 134248
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
127 8.6 6.6 10.0



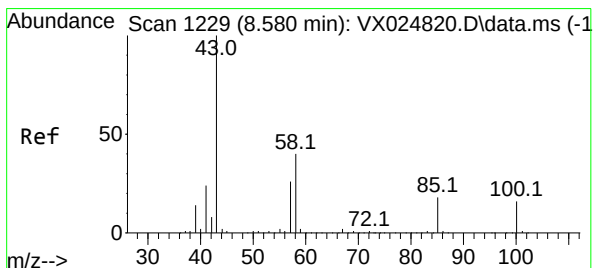
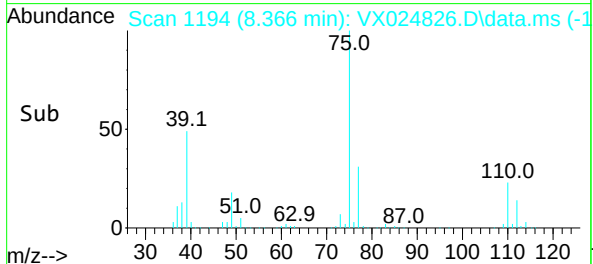
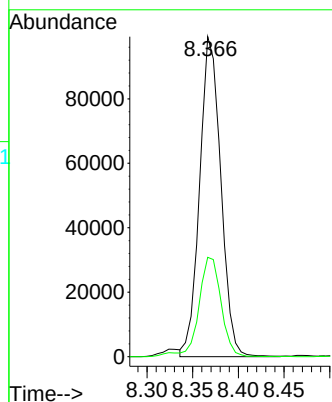
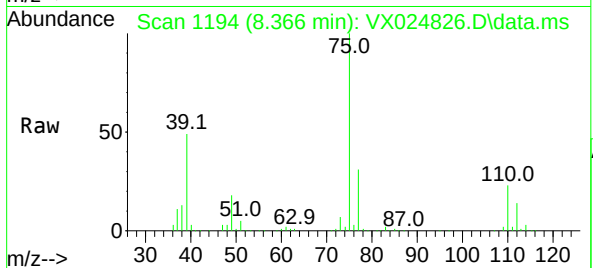


#39

cis-1,3-Dichloropropene
Concen: 54.682 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTD050691

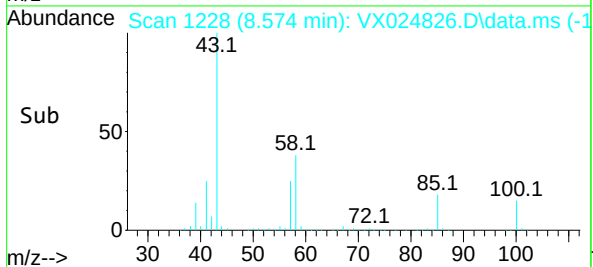
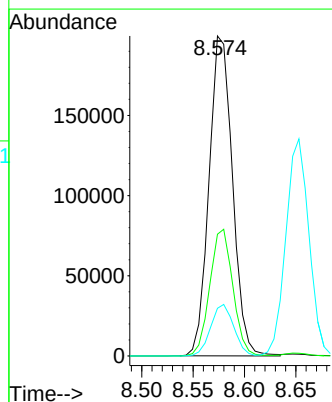
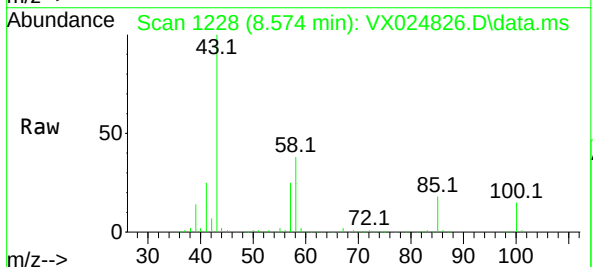
Tgt Ion: 75 Resp: 159539
Ion Ratio Lower Upper
75 100
77 31.1 22.7 42.3

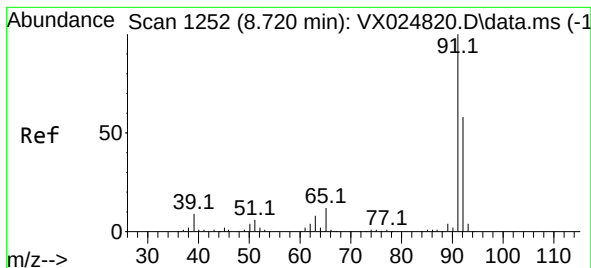


#40

4-Methyl-2-pentanone
Concen: 107.011 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 43 Resp: 316848
Ion Ratio Lower Upper
43 100
58 38.9 35.0 52.4
100 15.9 14.2 21.4





#42

Toluene

Concen: 52.081 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX024826.D

Acq: 15 Oct 2021 12:13

Tgt Ion: 91 Resp: 429488

Ion Ratio Lower Upper

91 100

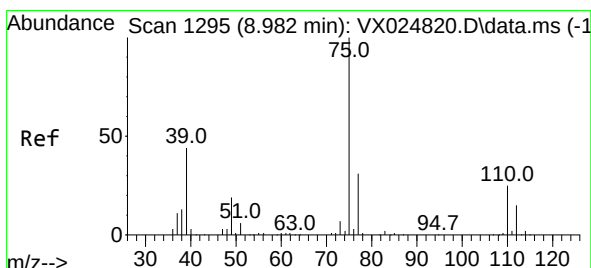
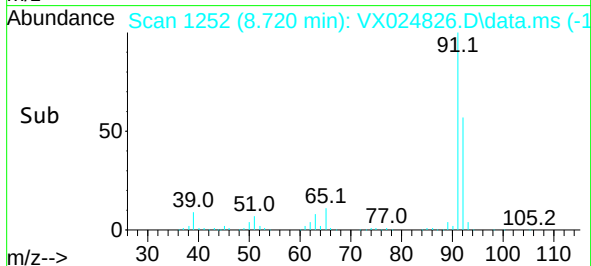
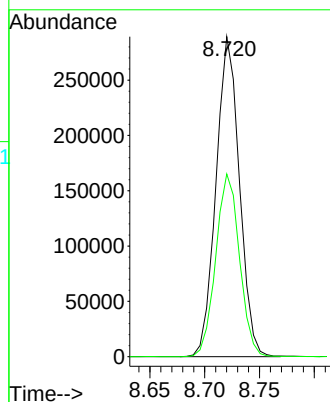
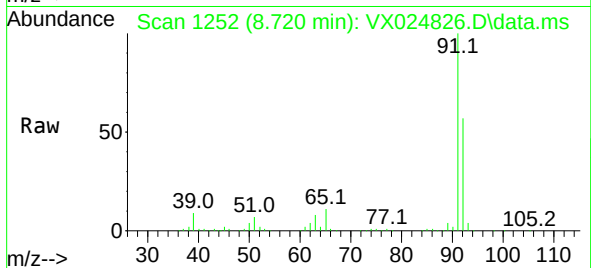
92 57.1 40.5 75.1

Instrument :

MSVOA_X

ClientSampleId :

VSTD050691



#44

trans-1,3-Dichloropropene

Concen: 55.869 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX024826.D

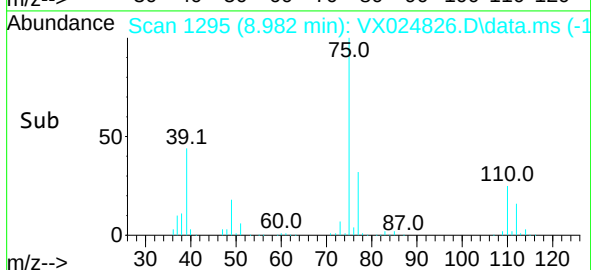
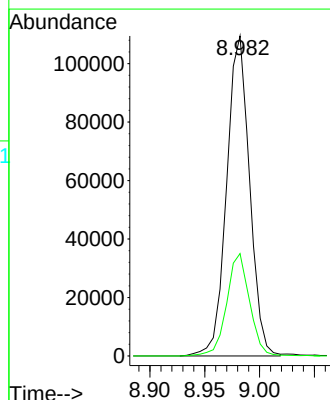
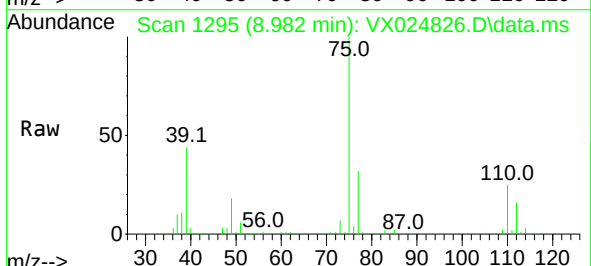
Acq: 15 Oct 2021 12:13

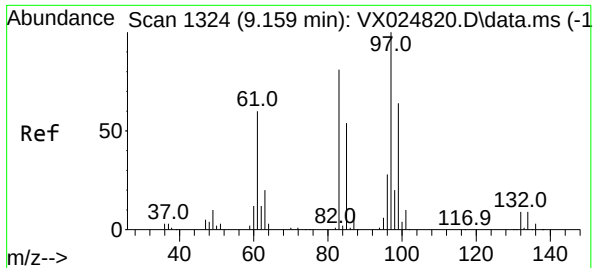
Tgt Ion: 75 Resp: 159202

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





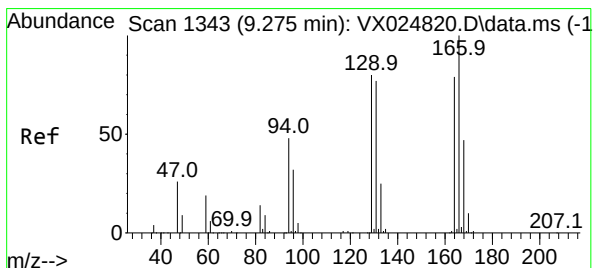
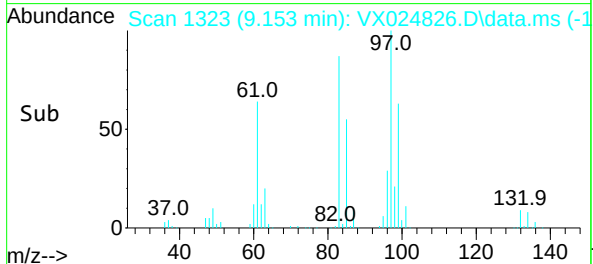
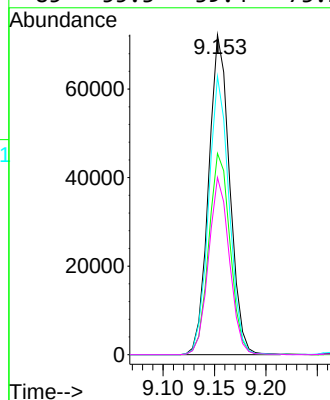
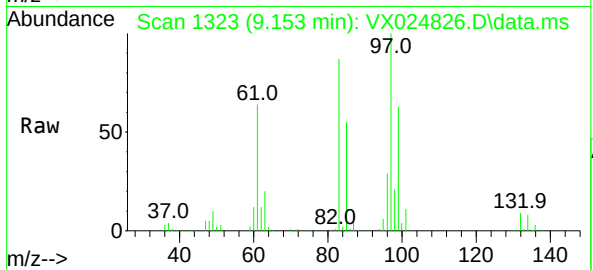
#45

1,1,2-Trichloroethane
Concen: 54.600 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion: 97 Resp: 103299

Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.0	81.6
83	87.0	60.8	113.0
85	55.3	39.4	73.2

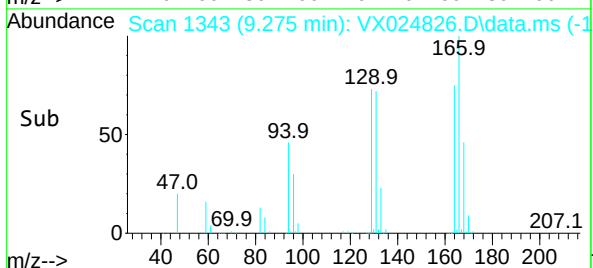
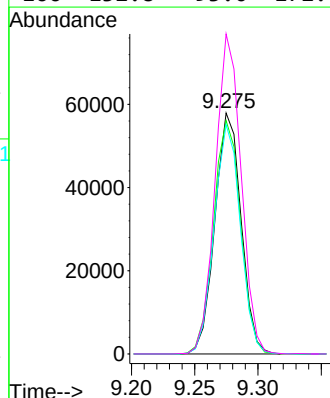
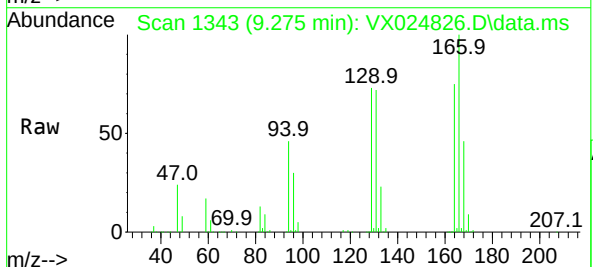


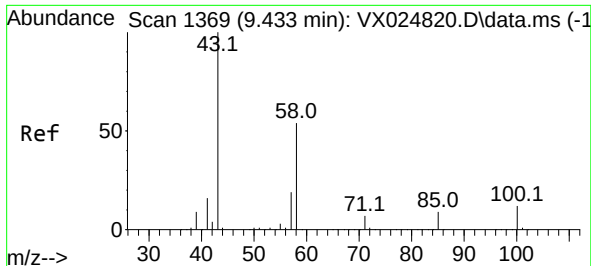
#46

Tetrachloroethene
Concen: 52.609 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 164 Resp: 83395

Ion	Ratio	Lower	Upper
164	100		
129	96.9	65.6	121.8
131	95.2	63.7	118.3
166	132.8	93.0	172.6



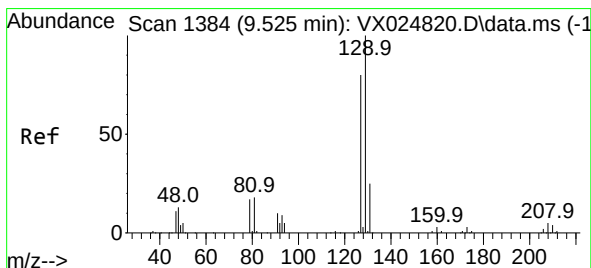
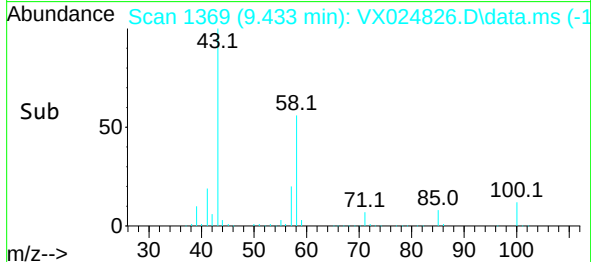
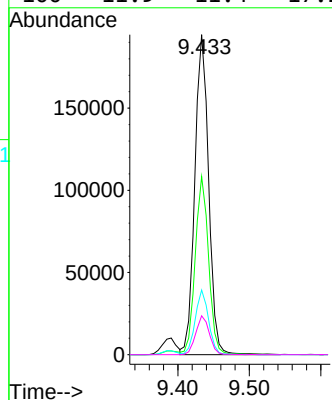
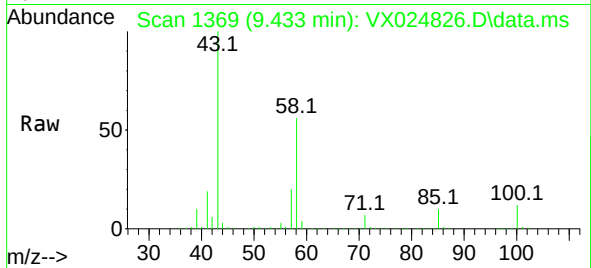


#48
2-Hexanone
Concen: 108.314 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion: 43 Resp: 261614

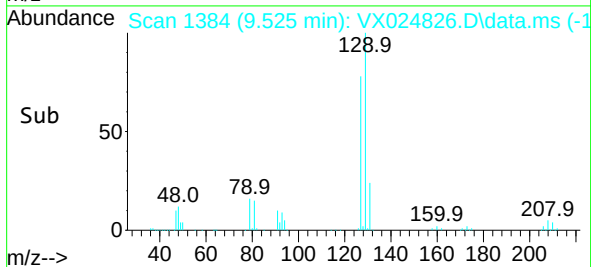
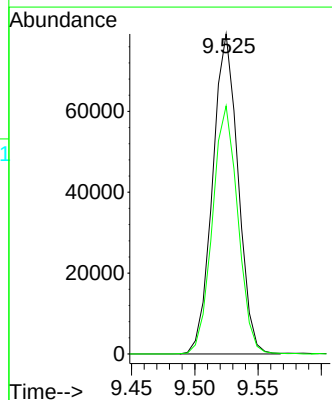
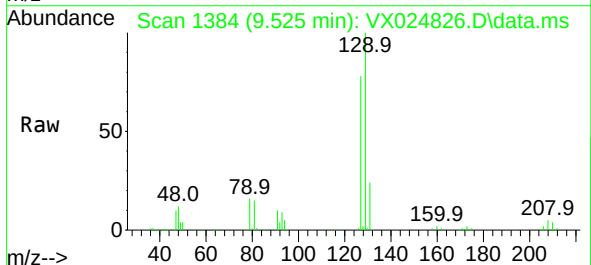
Ion	Ratio	Lower	Upper
43	100		
58	53.7	50.1	75.1
57	19.3	17.3	25.9
100	11.9	11.4	17.2

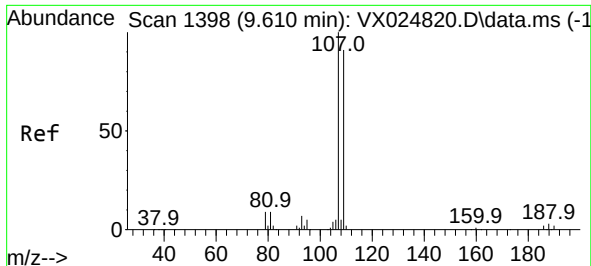


#49
Dibromochloromethane
Concen: 56.313 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 129 Resp: 110794

Ion	Ratio	Lower	Upper
129	100		
127	77.5	52.5	97.5

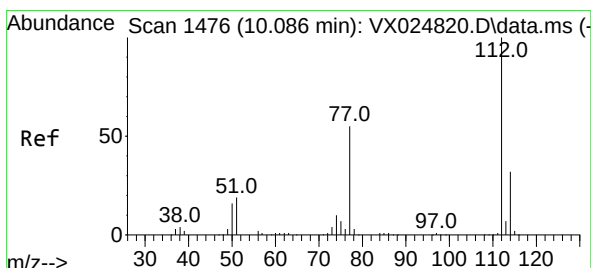
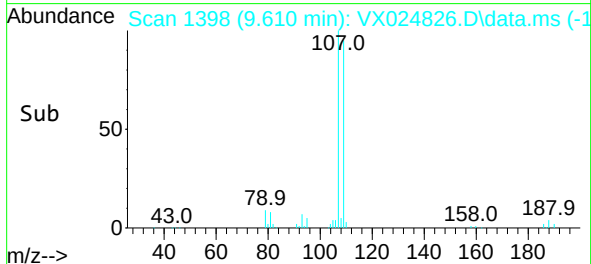
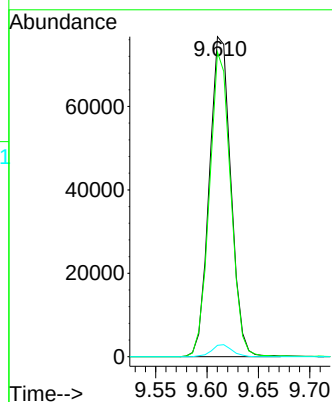
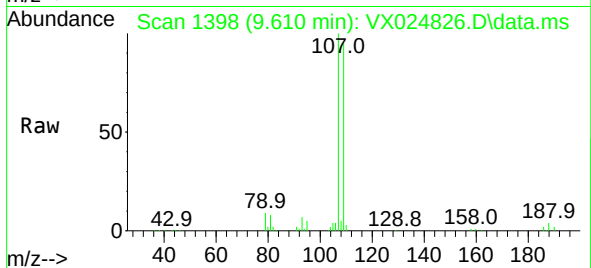




#50
1,2-Dibromoethane
Concen: 54.834 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

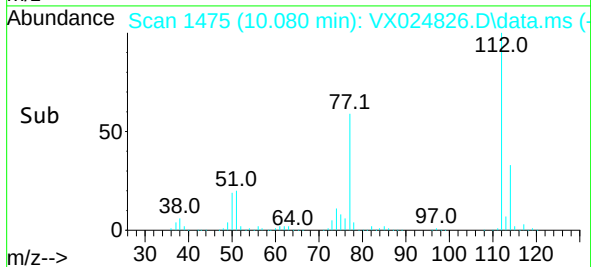
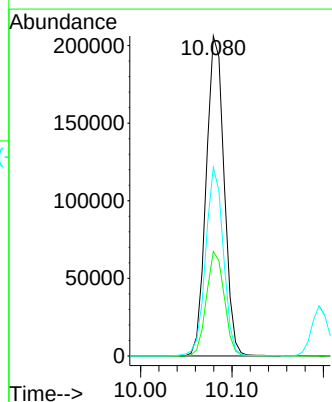
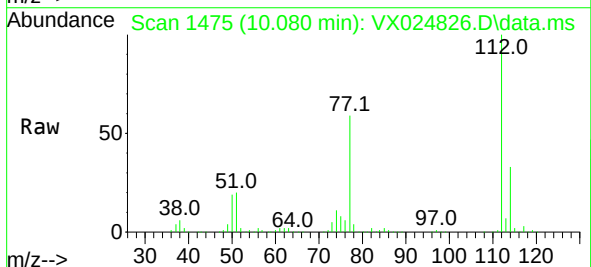
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

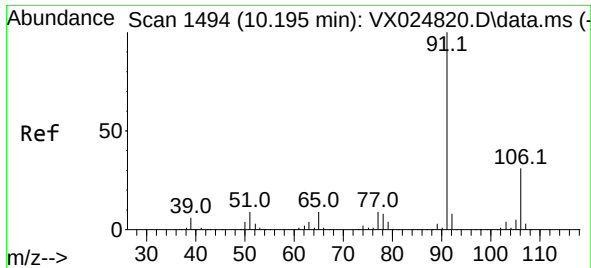
Tgt Ion:107 Resp: 112037
Ion Ratio Lower Upper
107 100
109 95.2 66.4 123.4
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 56.343 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion:112 Resp: 280041
Ion Ratio Lower Upper
112 100
114 32.6 23.2 43.2
77 58.9 48.4 72.6

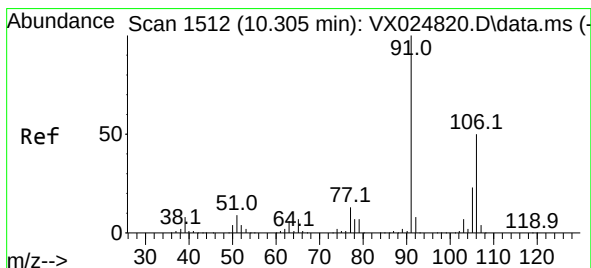
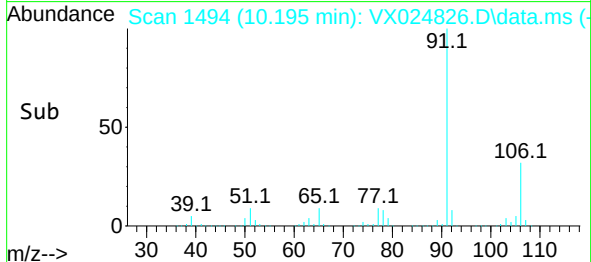
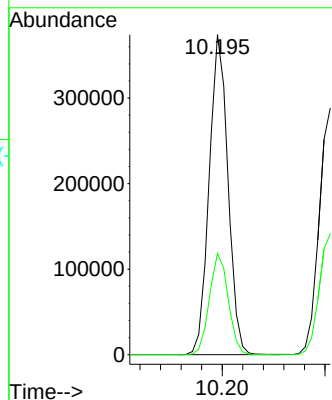
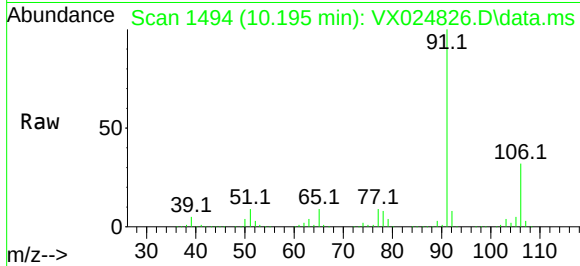




#52
Ethylbenzene
Concen: 55.819 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

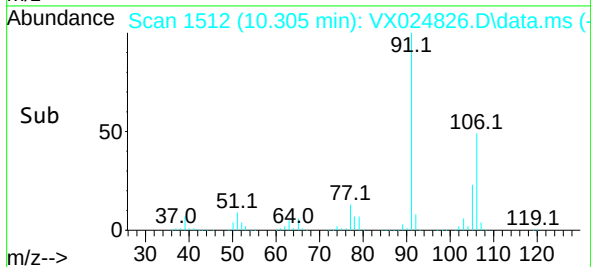
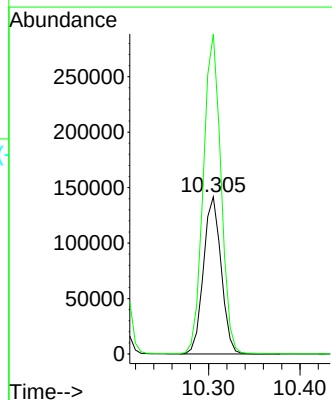
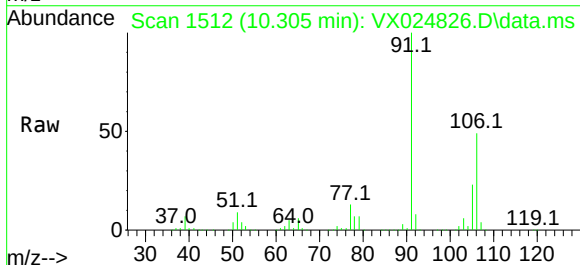
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

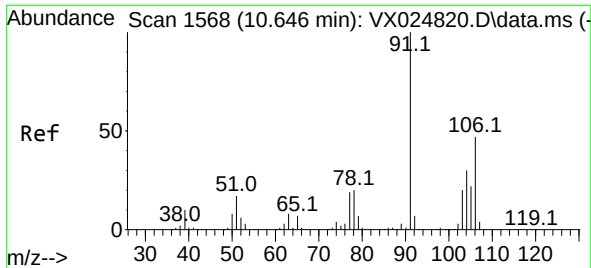
Tgt Ion: 91 Resp: 473967
Ion Ratio Lower Upper
91 100
106 31.7 21.0 39.0



#53
m,p-Xylene
Concen: 57.138 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 106 Resp: 189546
Ion Ratio Lower Upper
106 100
91 203.6 142.5 264.6

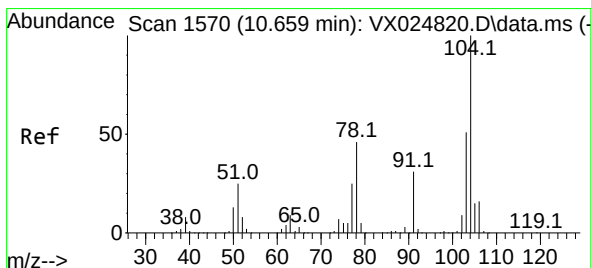
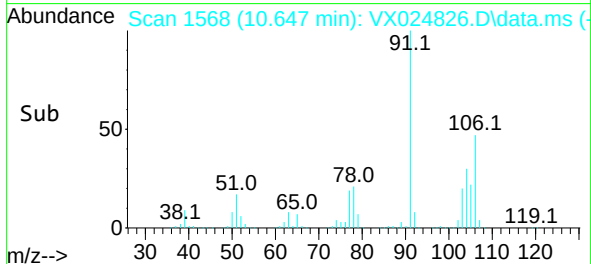
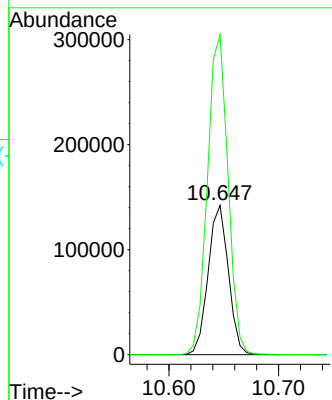
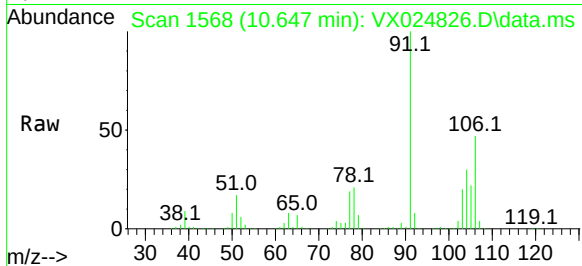




#54
o-Xylene
Concen: 55.197 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

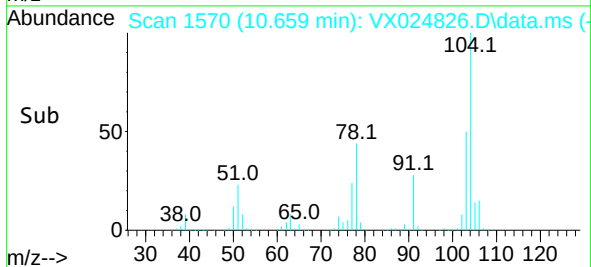
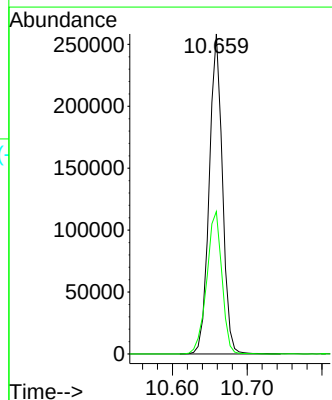
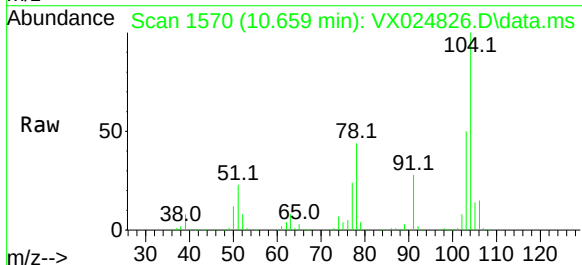
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

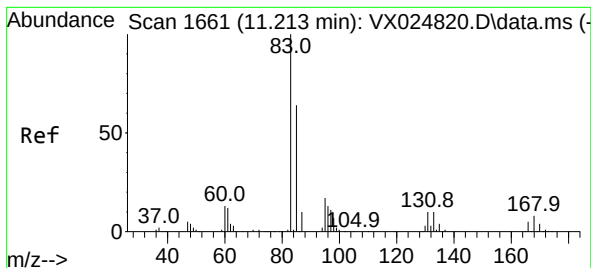
Tgt Ion:106 Resp: 182893
Ion Ratio Lower Upper
106 100
91 214.3 156.2 290.0



#55
Styrene
Concen: 57.259 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion:104 Resp: 316688
Ion Ratio Lower Upper
104 100
78 44.5 30.0 55.6

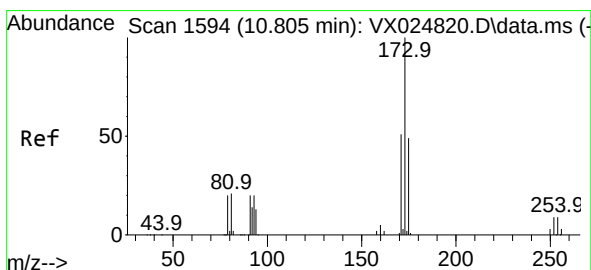
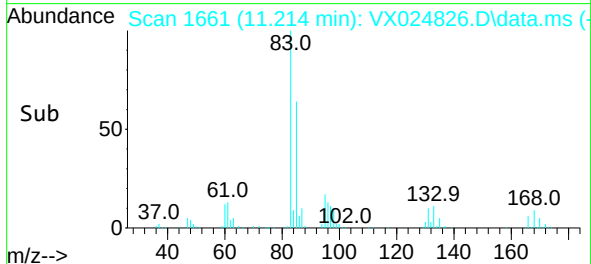
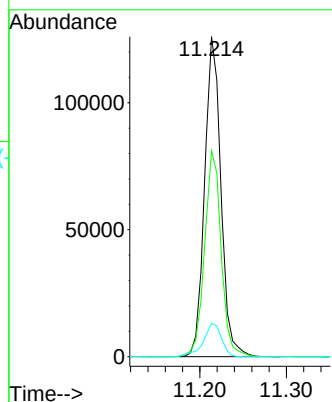
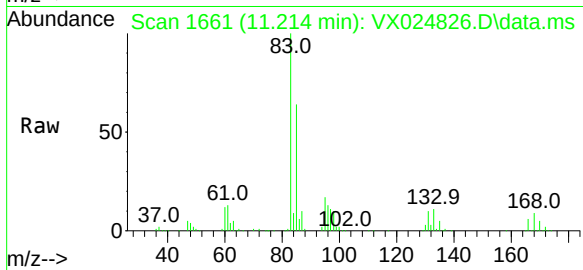




#57
1,1,2,2-Tetrachloroethane
Concen: 54.979 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

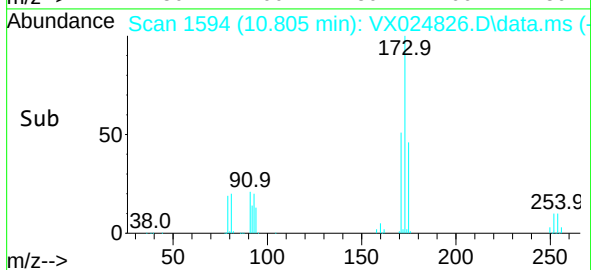
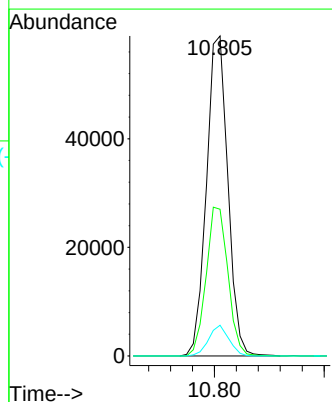
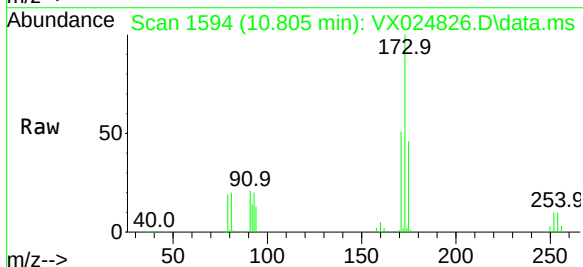
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

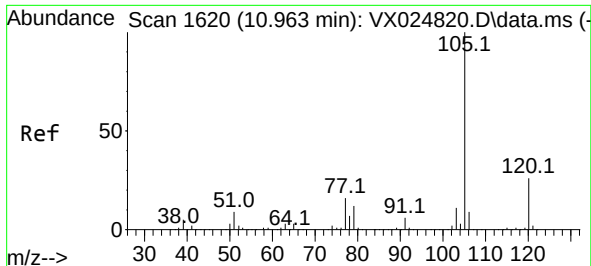
Tgt Ion: 83 Resp: 164399
Ion Ratio Lower Upper
83 100
85 64.3 44.7 82.9
131 10.4 7.8 11.8



#59
Bromoform
Concen: 56.201 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 173 Resp: 79930
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 9.1 8.6 13.0

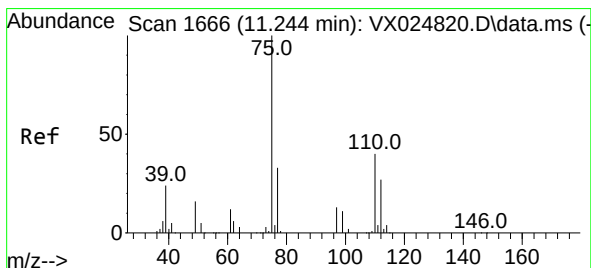
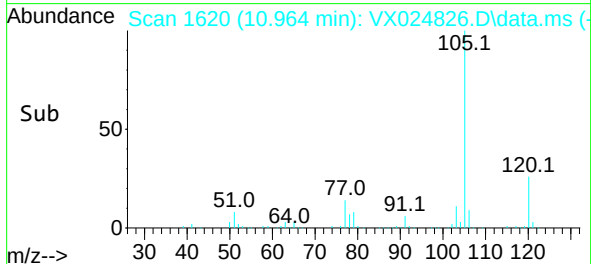
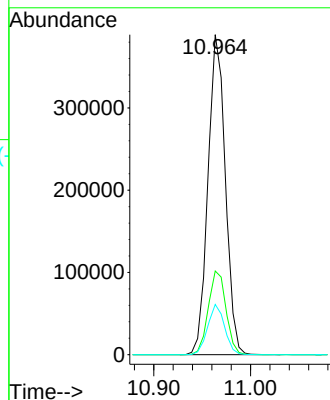
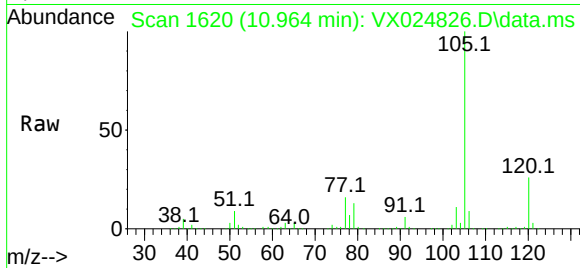




#60
Isopropylbenzene
Concen: 56.223 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

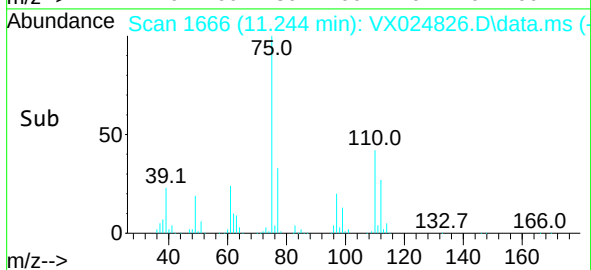
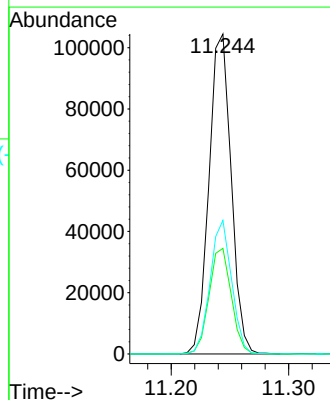
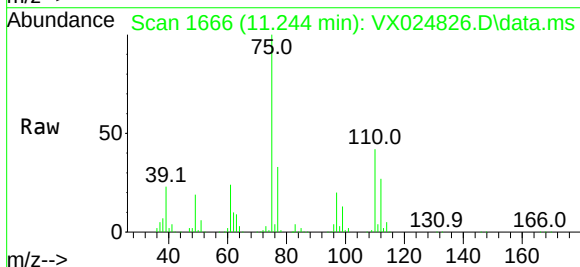
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

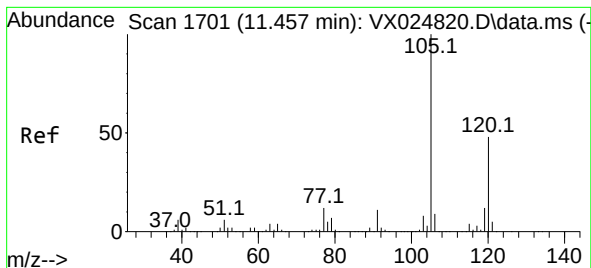
Tgt Ion:105 Resp: 486662
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 53.134 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 75 Resp: 137084
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 40.4 31.8 47.8

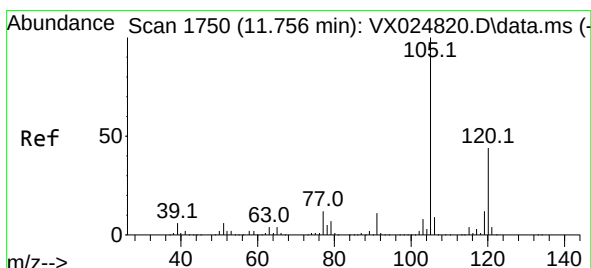
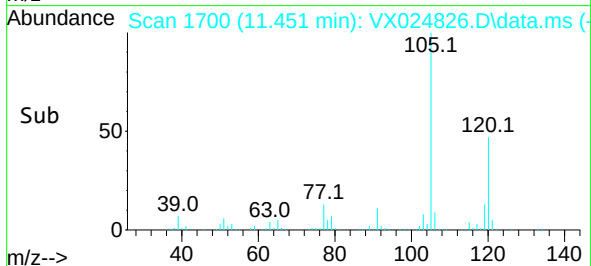
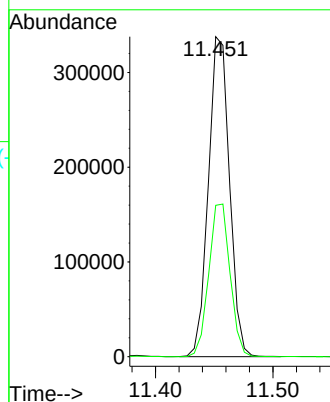
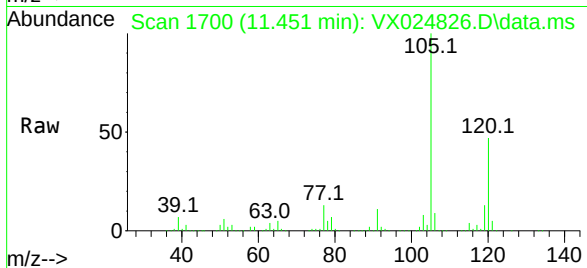




#62
1,3,5-Trimethylbenzene
Concen: 55.514 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

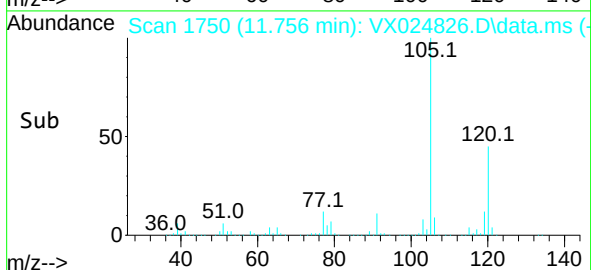
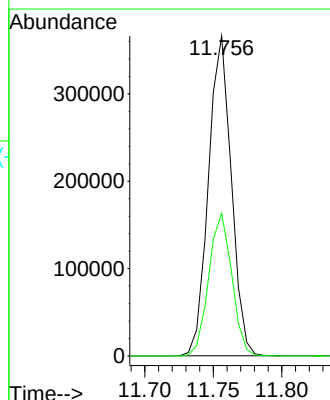
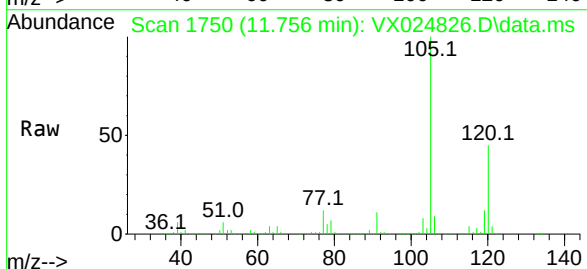
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

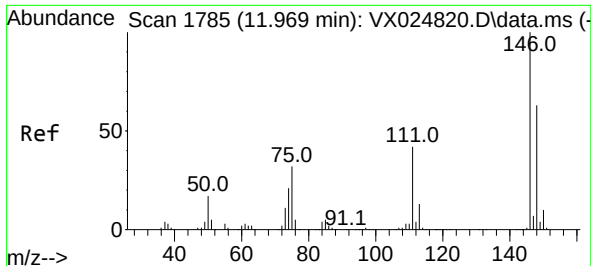
Tgt Ion:105 Resp: 422050
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 56.974 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion:105 Resp: 423430
Ion Ratio Lower Upper
105 100
120 45.0 36.4 54.6

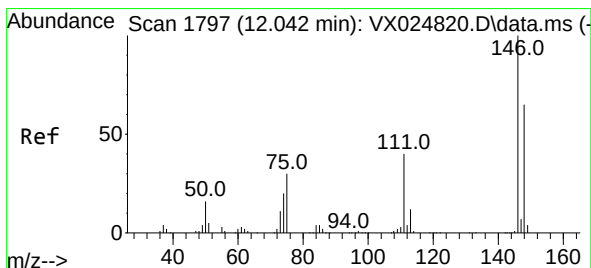
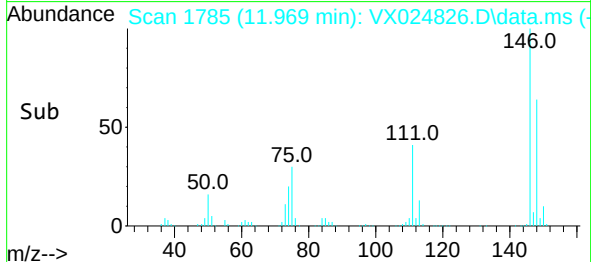
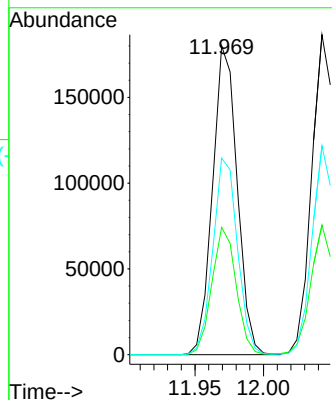
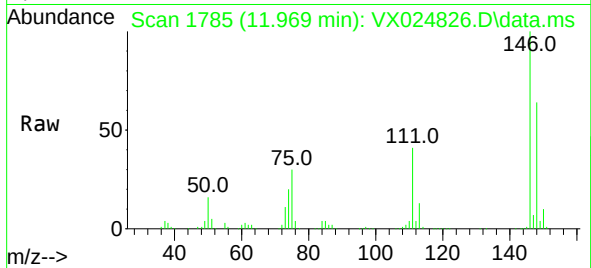




#64
1,3-Dichlorobenzene
Concen: 55.735 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

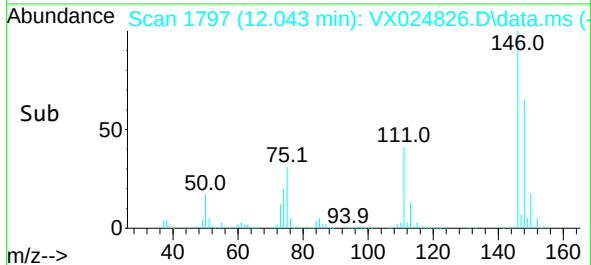
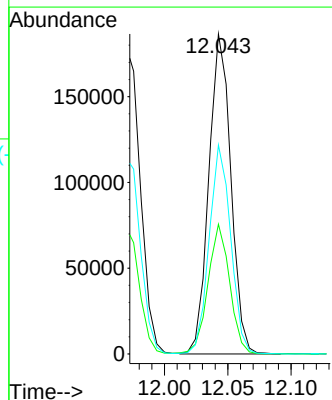
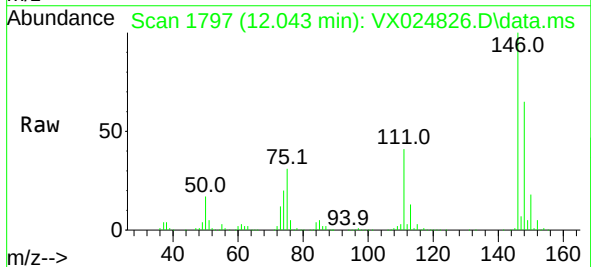
Instrument :
MSVOA_X
ClientSampled :
VSTD050691

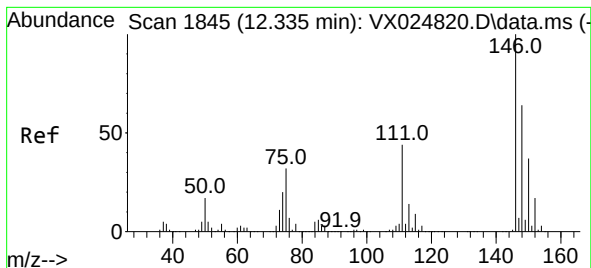
Tgt Ion:146 Resp: 224981
Ion Ratio Lower Upper
146 100
111 41.2 28.9 53.7
148 63.7 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 56.016 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion:146 Resp: 225862
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 65.3 45.8 85.2

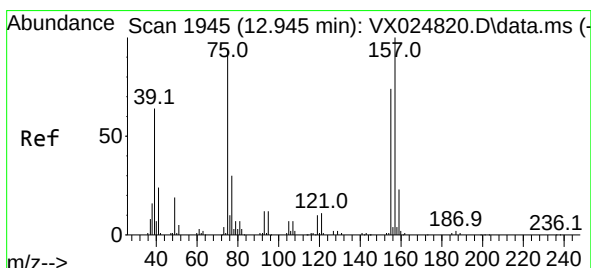
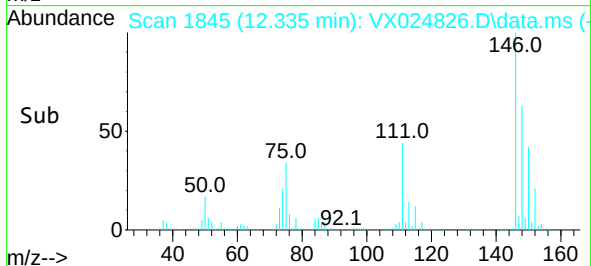
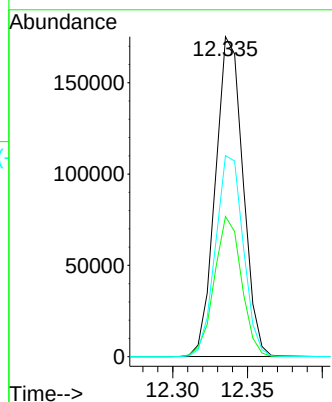
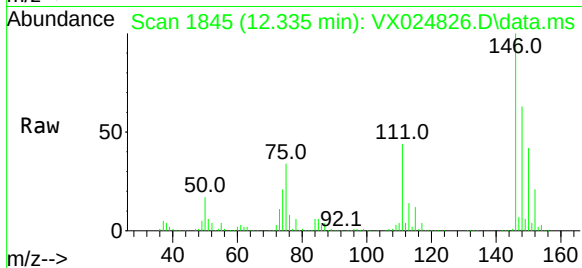




#67
1,2-Dichlorobenzene
Concen: 56.419 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

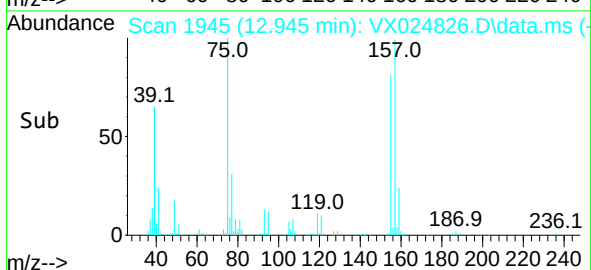
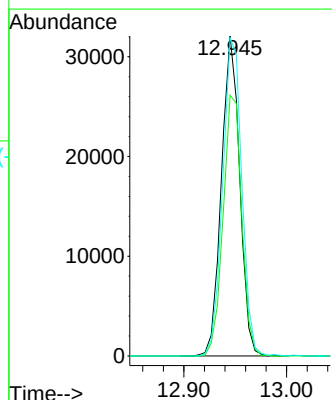
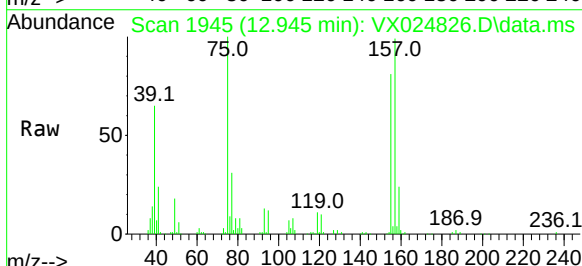
Instrument :
MSVOA_X
ClientSampled :
VSTD050691

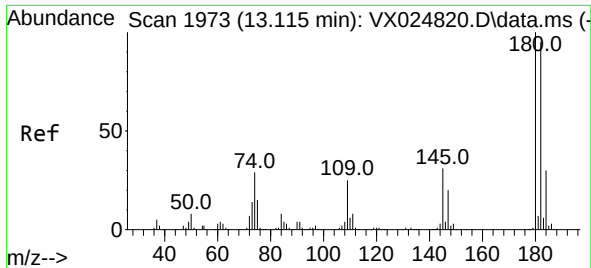
Tgt Ion:146 Resp: 224864
Ion Ratio Lower Upper
146 100
111 43.8 33.8 50.8
148 62.9 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 56.814 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion: 75 Resp: 39402
Ion Ratio Lower Upper
75 100
155 81.5 65.3 97.9
157 99.4 80.5 120.7

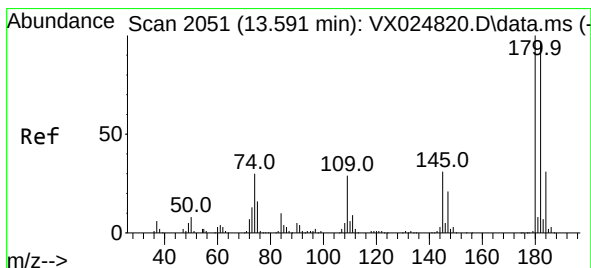
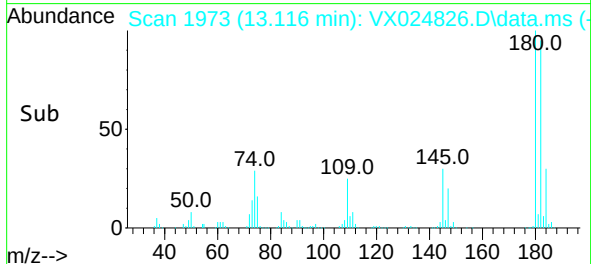
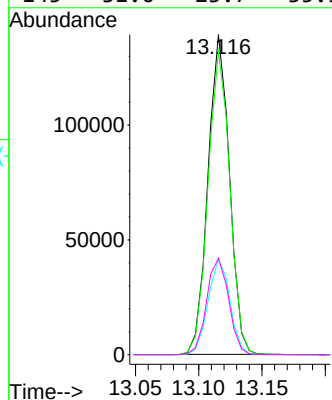
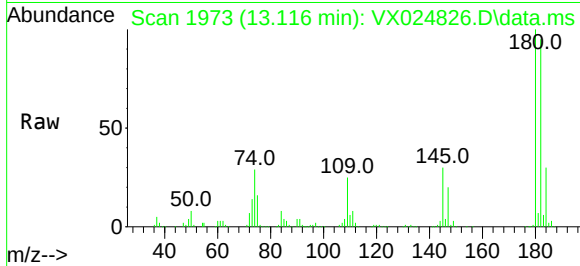




#69
1,3,5-Trichlorobenzene
Concen: 56.653 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

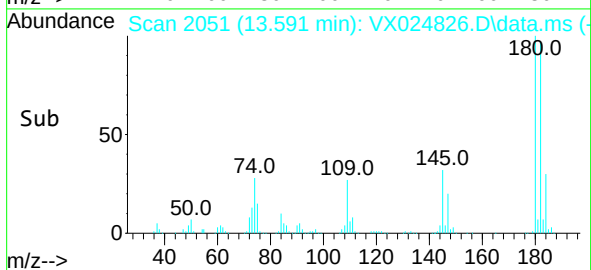
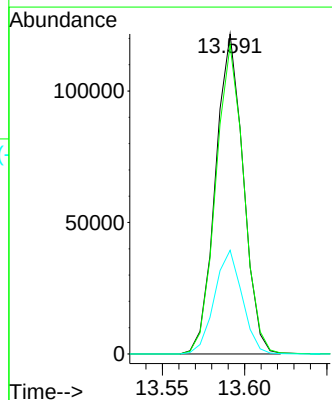
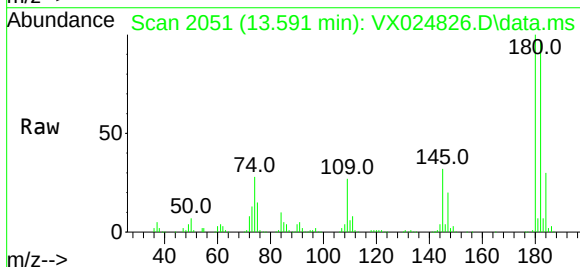
Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

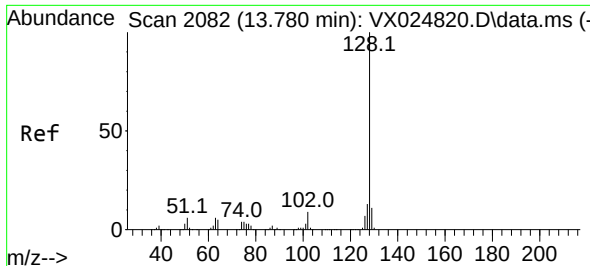
Tgt Ion:180 Resp: 164266
Ion Ratio Lower Upper
180 100
182 96.4 74.8 112.2
184 30.4 24.1 36.1
145 31.0 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 58.202 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion:180 Resp: 142786
Ion Ratio Lower Upper
180 100
182 97.4 74.3 111.5
145 32.4 24.1 36.1

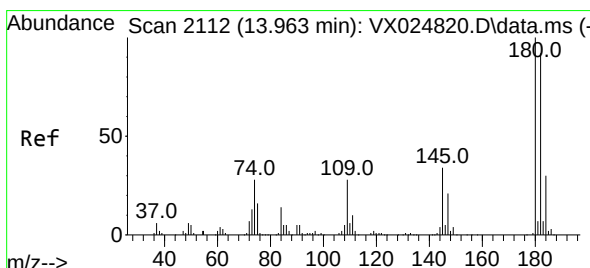
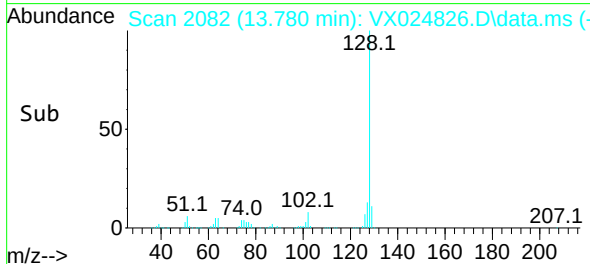
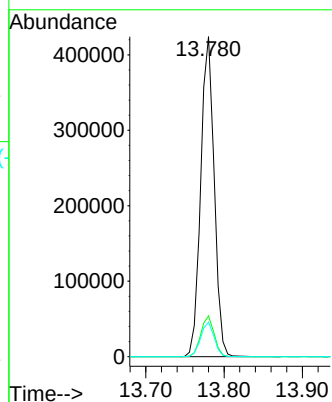
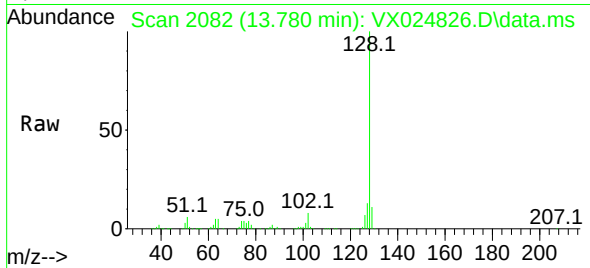




#71
Naphthalene
Concen: 61.976 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTD050691

Tgt Ion:128 Resp: 507547
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 59.114 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX024826.D
Acq: 15 Oct 2021 12:13

Tgt Ion:180 Resp: 149645
Ion Ratio Lower Upper
180 100
182 96.5 74.6 112.0
145 33.8 25.6 38.4

