

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024640.D
 Acq On : 07 Oct 2021 12:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050687

Quant Time: Oct 07 23:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 11:31:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	286619	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	273175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76765	43.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.520%
7) Chloroethane-d5	1.660	69	56942	48.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.306	63	158858	45.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.180%
21) 2-Butanone-d5	4.459	46	167375	114.721	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.720%
24) Chloroform-d	5.062	84	183451	51.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	5.958	65	127235	50.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.100%
32) Benzene-d6	5.977	84	381366	49.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
36) 1,2-Dichloropropane-d6	7.312	67	117768	48.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.860%
41) Toluene-d8	8.653	98	328292	43.788	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.580%
43) trans-1,3-Dichloroprop...	8.952	79	58670	49.196	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.400%
47) 2-Hexanone-d5	9.384	63	125203	110.806	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.810%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	175345	52.897	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	145094	52.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117438	46.349	ug/L	100
3) Chloromethane	1.294	50	93104	45.006	ug/L	97
5) Vinyl chloride	1.374	62	91990	44.075	ug/L	100
6) Bromomethane	1.599	94	57676	50.079	ug/L	99
8) Chloroethane	1.685	64	50783	46.608	ug/L	98
9) Trichlorofluoromethane	1.886	101	141083	47.960	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	84270	46.029	ug/L	95
12) 1,1-Dichloroethene	2.319	96	75946	46.133	ug/L	92
13) Acetone	2.386	43	124692	86.462	ug/L	91
14) Carbon disulfide	2.514	76	214758	45.184	ug/L	99
15) Methyl Acetate	2.709	43	114811	49.968	ug/L	93
16) Methylene chloride	2.794	84	101317	51.151	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	95256	51.035	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	323262	52.658	ug/L	100
19) 1,1-Dichloroethane	3.611	63	175551	50.339	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	108653	51.578	ug/L	95
22) 2-Butanone	4.562	43	193364	101.286	ug/L	93
23) Bromochloromethane	4.904	128	57394	52.135	ug/L	94
25) Chloroform	5.099	83	195924	49.687	ug/L	98

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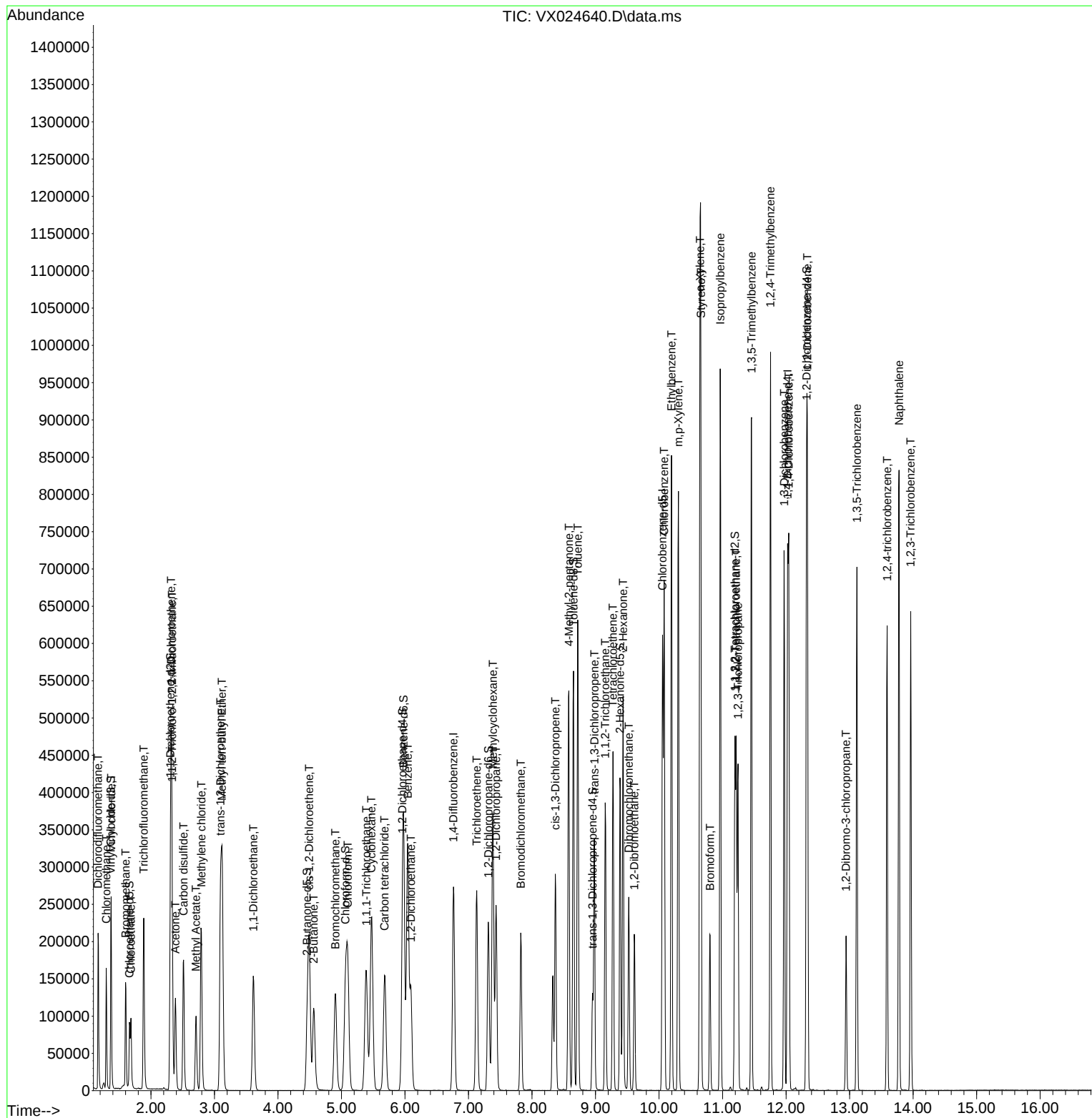
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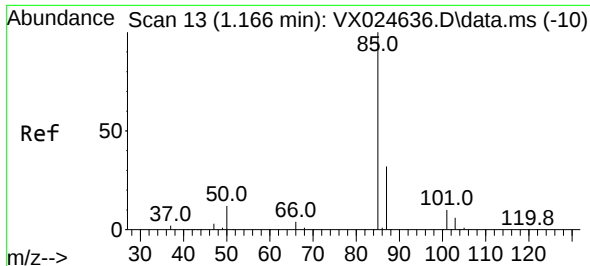
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	151404	49.489	ug/L	99
29) Cyclohexane	5.471	56	163002	48.074	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	167310	46.705	ug/L	98
31) Carbon tetrachloride	5.678	117	145235	46.211	ug/L	99
33) Benzene	6.044	78	406620	48.171	ug/L	100
34) Trichloroethene	7.129	95	100946	43.447	ug/L	96
35) Methylcyclohexane	7.385	83	177611	48.084	ug/L	97
37) 1,2-Dichloropropane	7.434	63	104168	46.856	ug/L	100
38) Bromodichloromethane	7.824	83	137370	48.371	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	147685	44.305	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	314489	92.965	ug/L	92
42) Toluene	8.720	91	401660	42.631	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	159785	49.079	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	104284	48.245	ug/L	99
46) Tetrachloroethene	9.275	164	88323	48.767	ug/L	96
48) 2-Hexanone	9.433	43	269305	97.590	ug/L	93
49) Dibromochloromethane	9.525	129	115037	51.176	ug/L	98
50) 1,2-Dibromoethane	9.610	107	117205	50.207	ug/L #	98
51) Chlorobenzene	10.079	112	291679	51.364	ug/L	96
52) Ethylbenzene	10.195	91	483797	49.869	ug/L	96
53) m,p-Xylene	10.305	106	192532	50.798	ug/L	100
54) o-Xylene	10.646	106	190678	50.368	ug/L	91
55) Styrene	10.659	104	325937	51.580	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	167491	49.026	ug/L	97
59) Bromoform	10.805	173	80796	50.696	ug/L	98
60) Isopropylbenzene	10.963	105	493167	50.844	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	140413	48.568	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	400824	47.049	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	419294	50.347	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	223087	49.319	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	224230	49.627	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	230356	51.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	39713	51.101	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	168933	51.993	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	147194	53.542	ug/L	97
71) Naphthalene	13.780	128	531037	57.867	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	152602	53.795	ug/L	98

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

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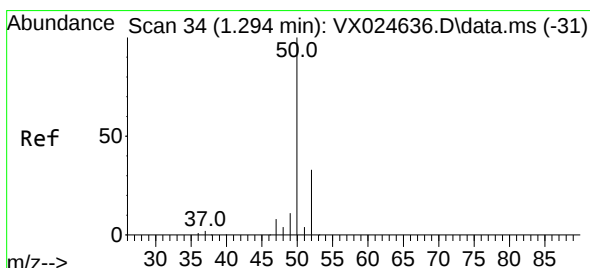
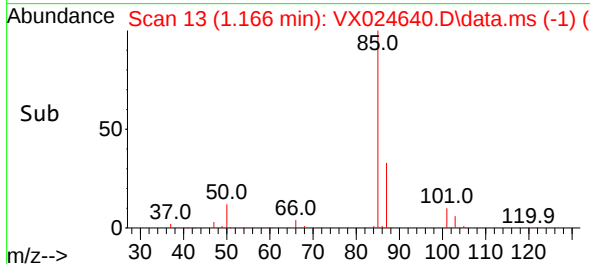
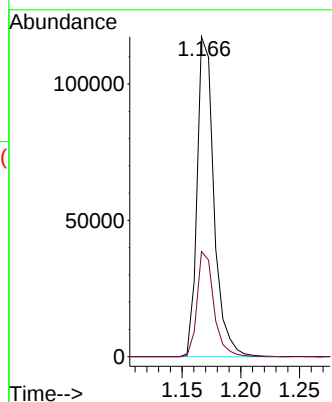
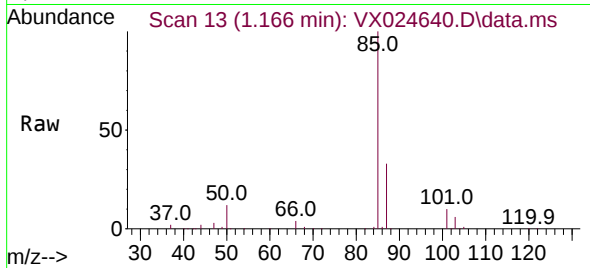




#2
Dichlorodifluoromethane
Concen: 46.349 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

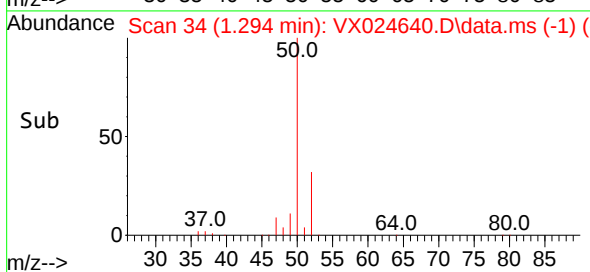
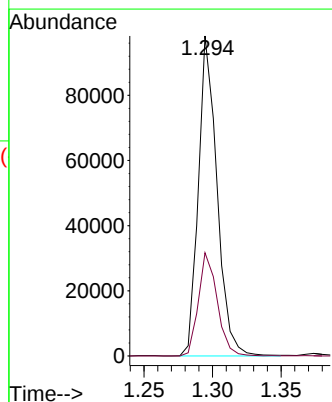
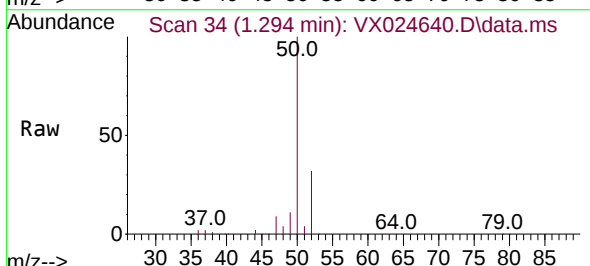
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

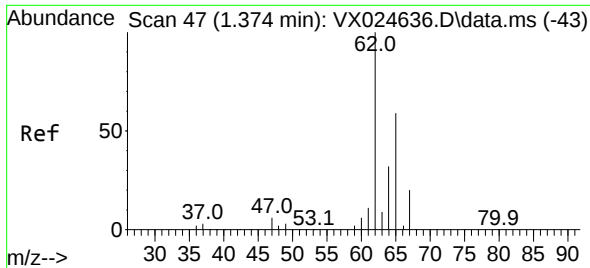
Tgt Ion: 85 Resp: 117438
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 45.006 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 50 Resp: 93104
Ion Ratio Lower Upper
50 100
52 32.3 23.7 43.9

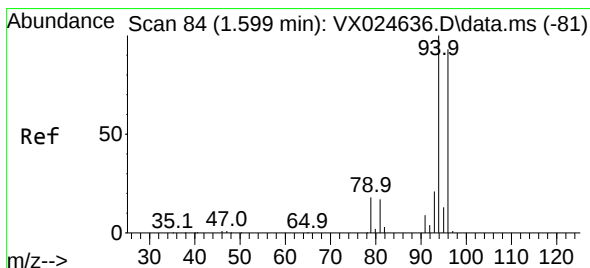
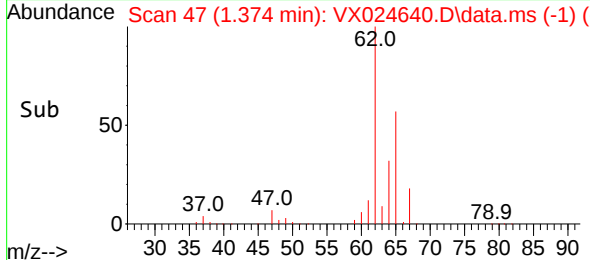
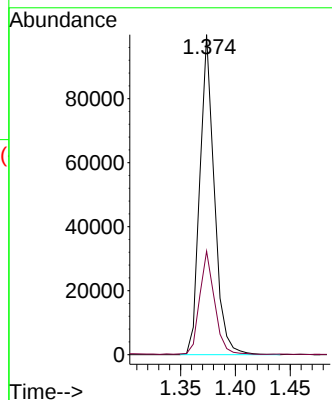
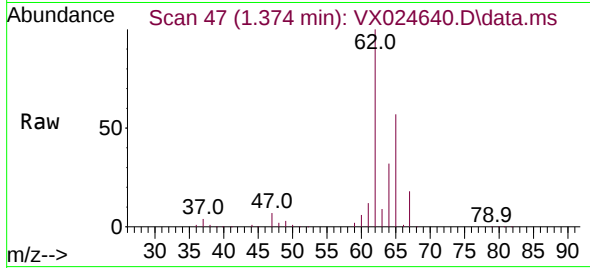




#5
 Vinyl chloride
 Concen: 44.075 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX024640.D
 Acq: 07 Oct 2021 12:17

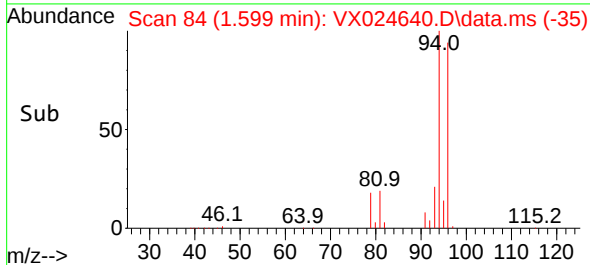
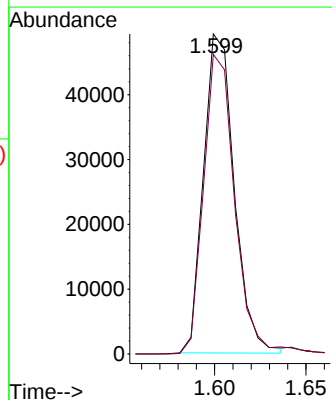
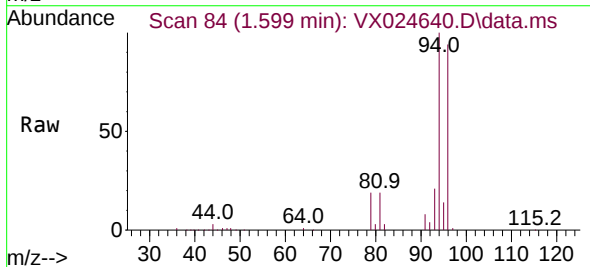
Instrument :
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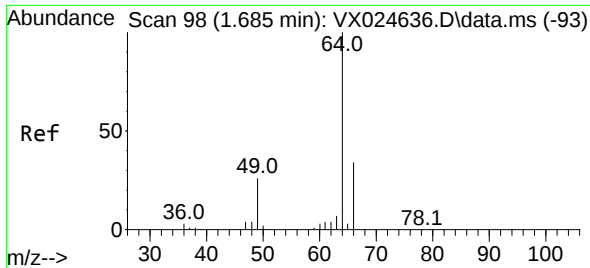
Tgt Ion: 62 Resp: 91990
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.3



#6
 Bromomethane
 Concen: 50.079 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX024640.D
 Acq: 07 Oct 2021 12:17

Tgt Ion: 94 Resp: 57676
 Ion Ratio Lower Upper
 94 100
 96 93.6 64.8 120.3

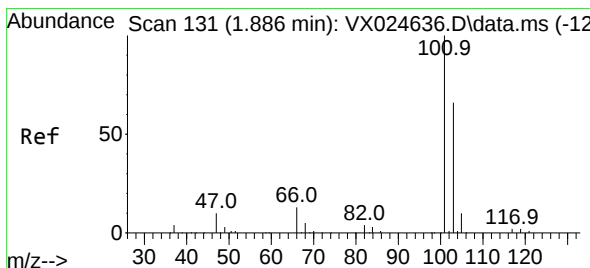
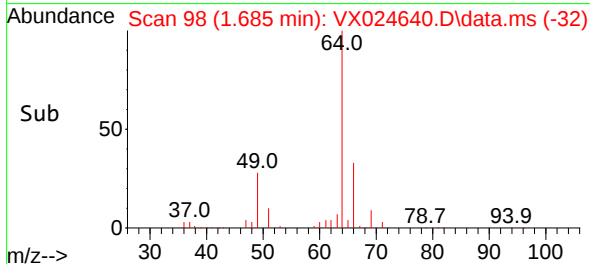
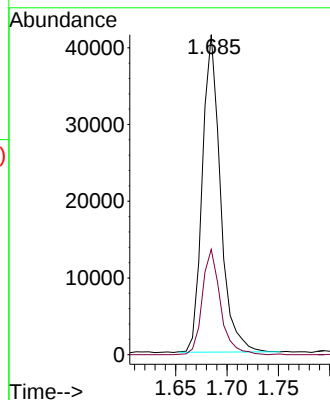
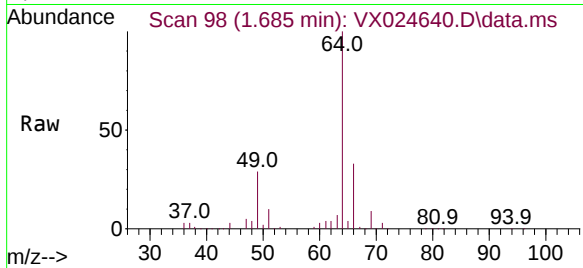




#8
Chloroethane
Concen: 46.608 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

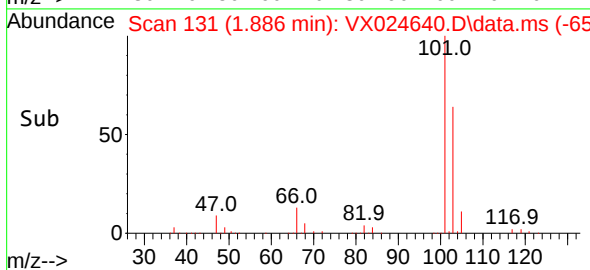
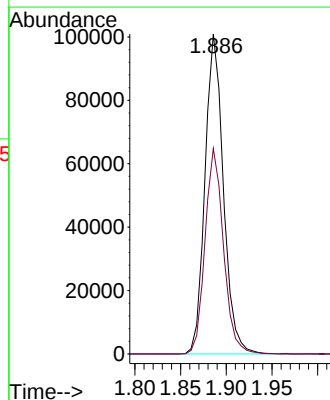
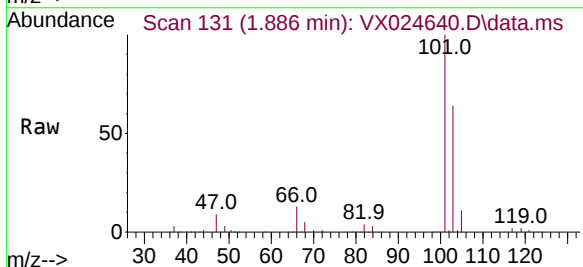
Instrument :
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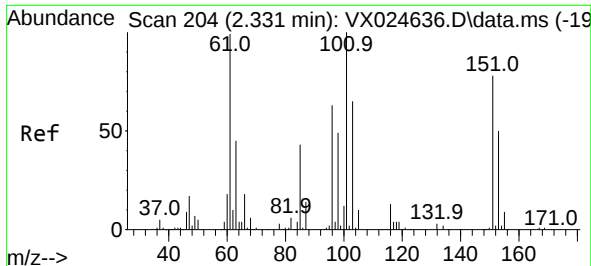
Tgt Ion: 64 Resp: 50783
Ion Ratio Lower Upper
64 100
66 32.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 47.960 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:101 Resp: 141083
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

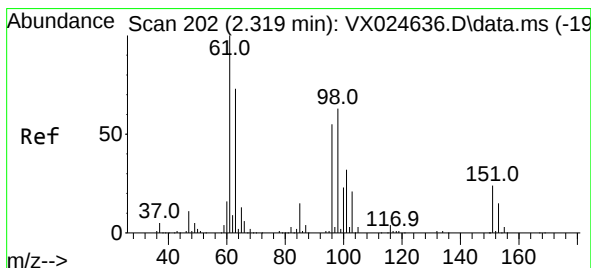
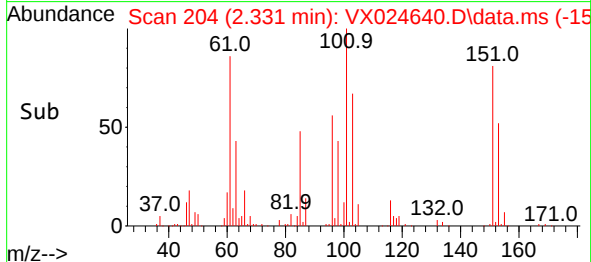
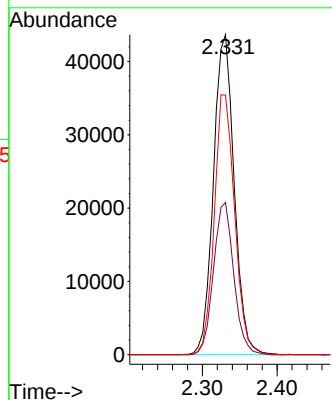
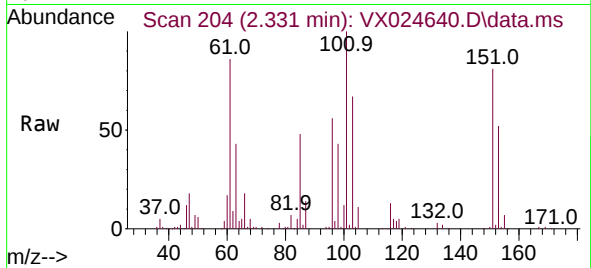




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.029 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX024640.D
 Acq: 07 Oct 2021 12:17

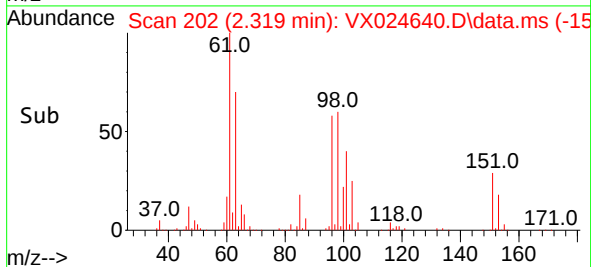
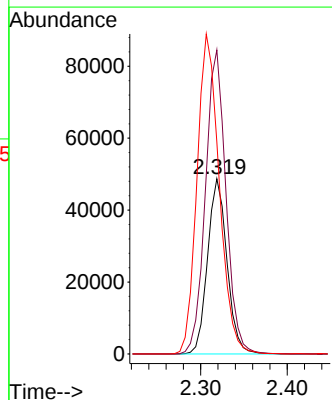
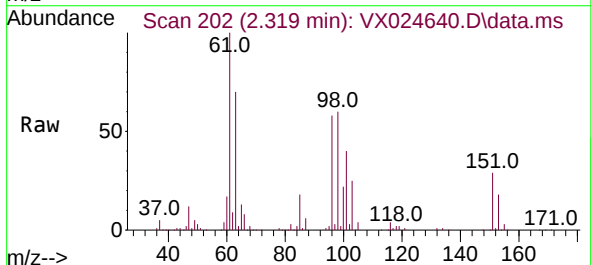
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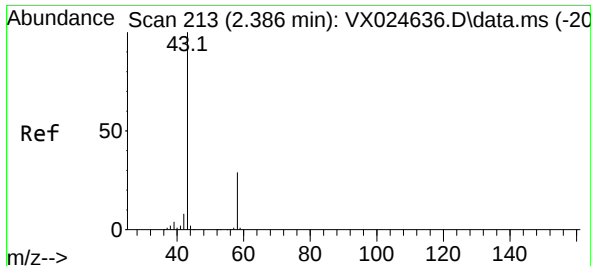
Tgt Ion:101 Resp: 84270
 Ion Ratio Lower Upper
 101 100
 85 46.5 34.3 51.5
 151 79.9 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 46.133 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX024640.D
 Acq: 07 Oct 2021 12:17

Tgt Ion: 96 Resp: 75946
 Ion Ratio Lower Upper
 96 100
 61 173.5 115.5 214.5
 63 121.0 77.3 143.7

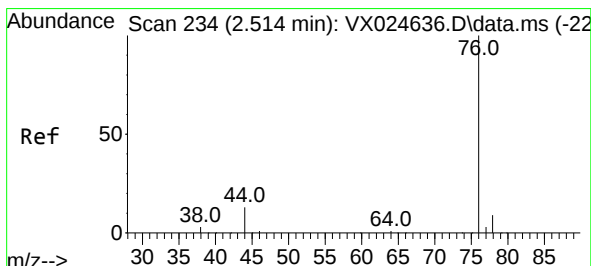
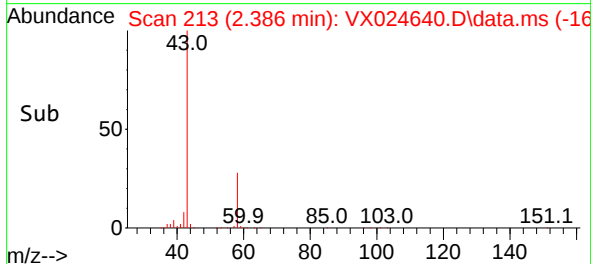
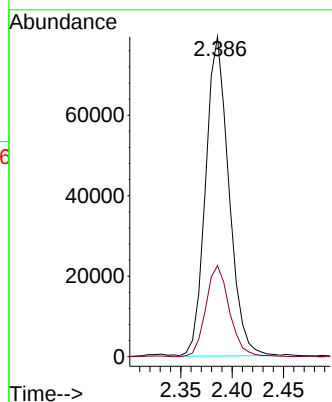
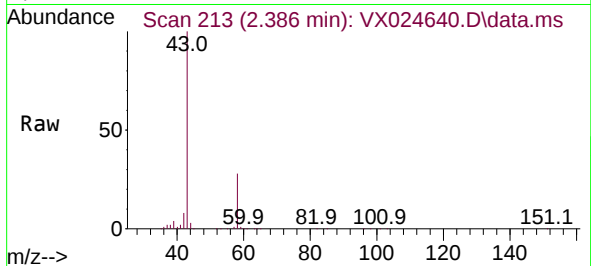




#13
Acetone
Concen: 86.462 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

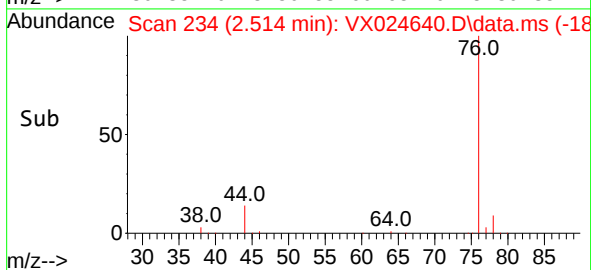
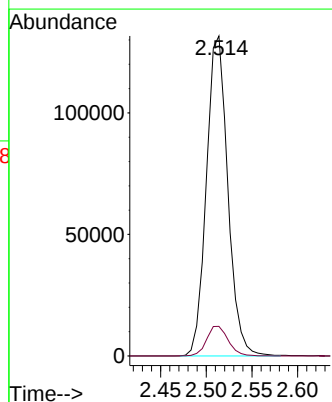
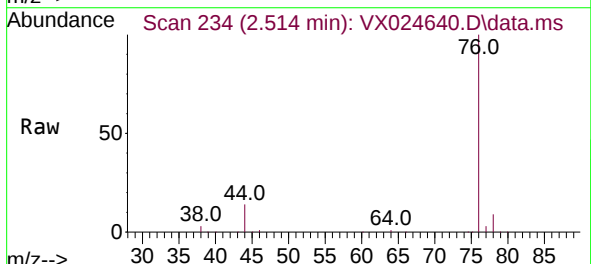
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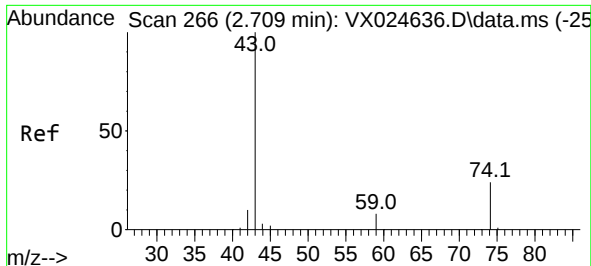
Tgt Ion: 43 Resp: 124692
Ion Ratio Lower Upper
43 100
58 29.0 0.0 68.2



#14
Carbon disulfide
Concen: 45.184 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Acq: 07 Oct 2021 12:17

Tgt Ion: 76 Resp: 214758
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

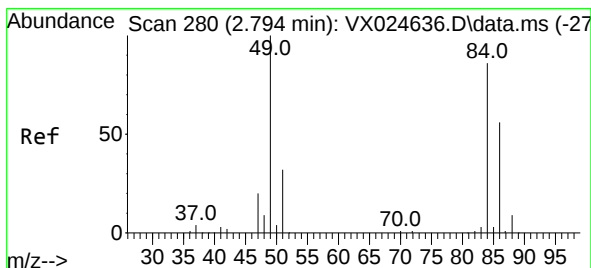
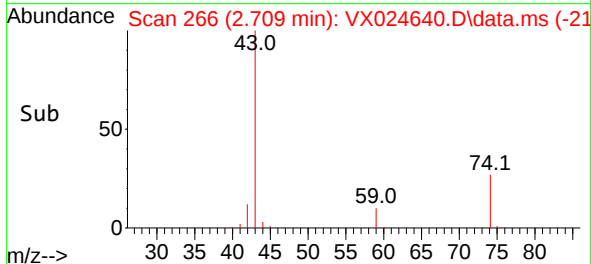
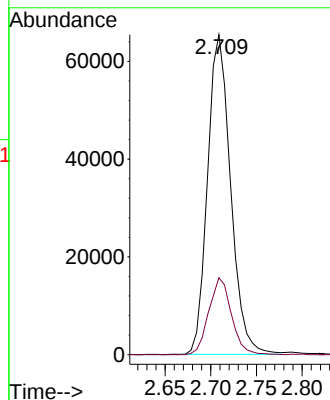
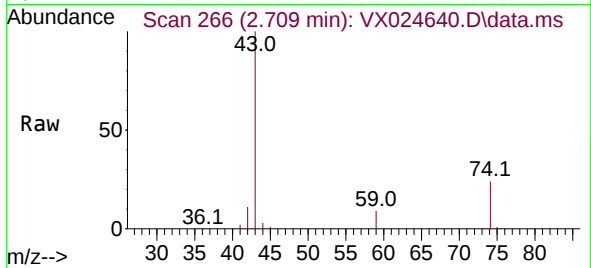




#15
Methyl Acetate
Concen: 49.968 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

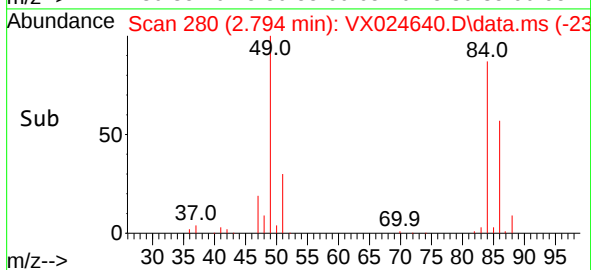
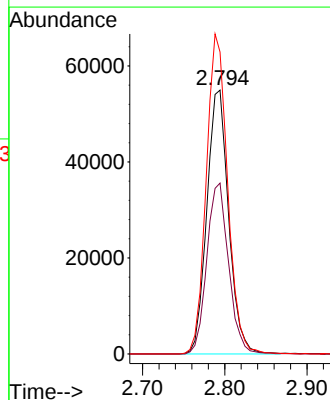
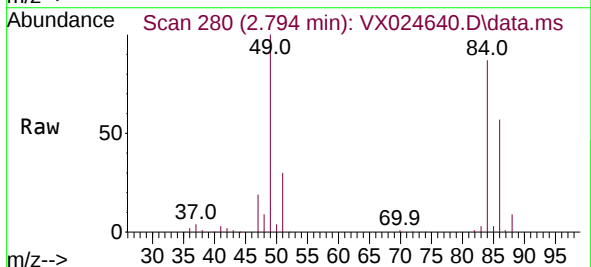
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

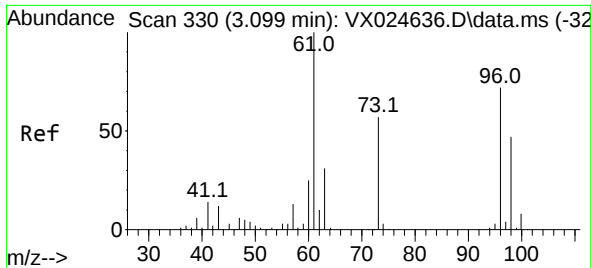
Tgt Ion: 43 Resp: 114811
Ion Ratio Lower Upper
43 100
74 23.6 21.7 32.5



#16
Methylene chloride
Concen: 51.151 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 84 Resp: 101317
Ion Ratio Lower Upper
84 100
86 64.7 44.2 82.0
49 114.4 77.8 144.6

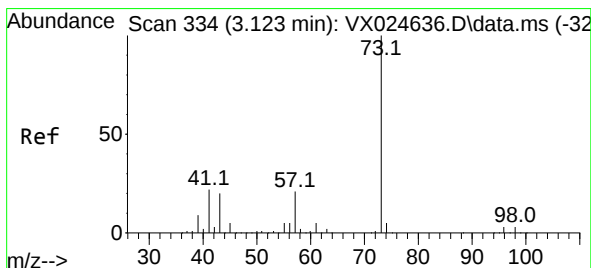
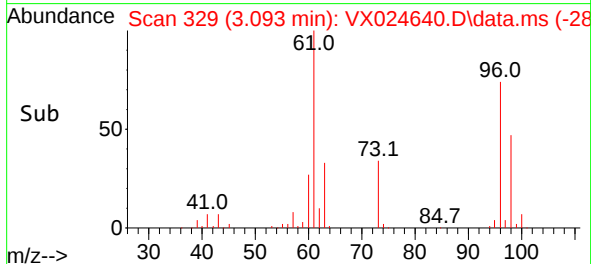
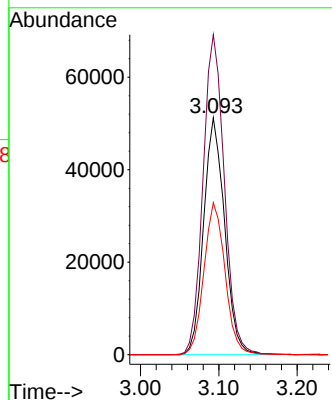
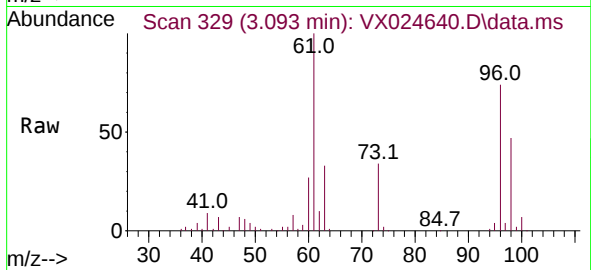




#17
trans-1,2-Dichloroethene
Concen: 51.035 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

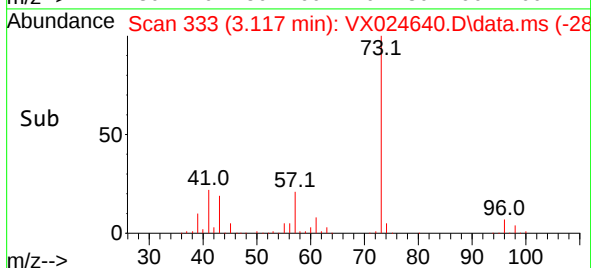
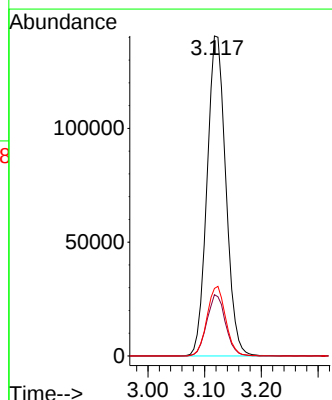
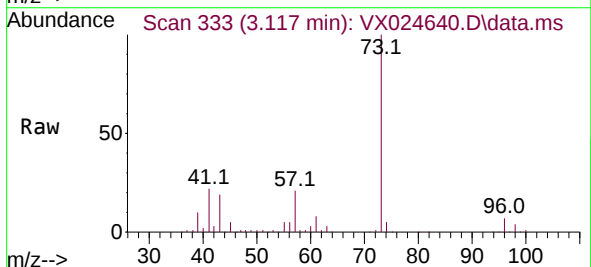
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

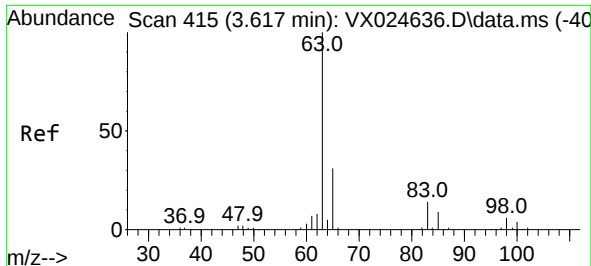
Tgt Ion: 96 Resp: 95256
Ion Ratio Lower Upper
96 100
61 135.1 92.3 171.3
98 64.1 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 52.658 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 73 Resp: 323262
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 21.6 17.4 26.2





#19

1,1-Dichloroethane

Concen: 50.339 ug/L

RT: 3.611 min Scan# 414

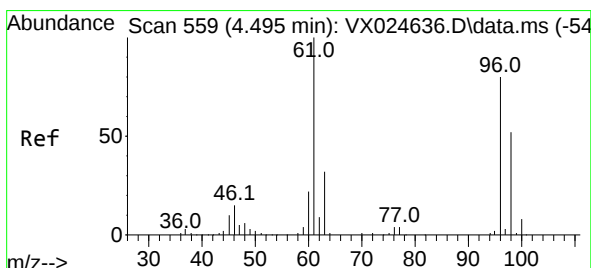
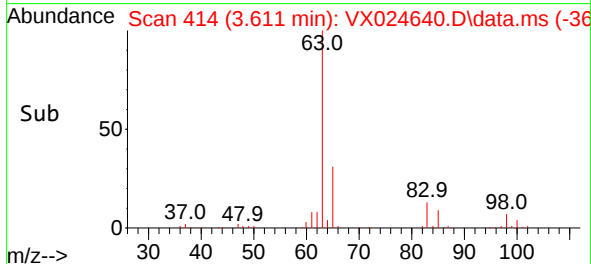
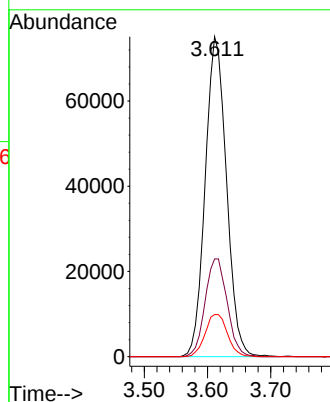
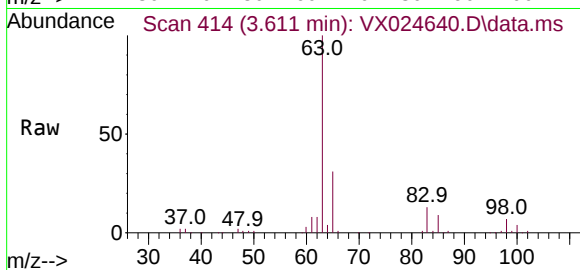
Delta R.T. -0.006 min

Lab File: VX024640.D

Acq: 07 Oct 2021 12:17

Tgt Ion: 63 Resp: 175551

Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.4	41.6
83	13.2	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 51.578 ug/L

RT: 4.489 min Scan# 558

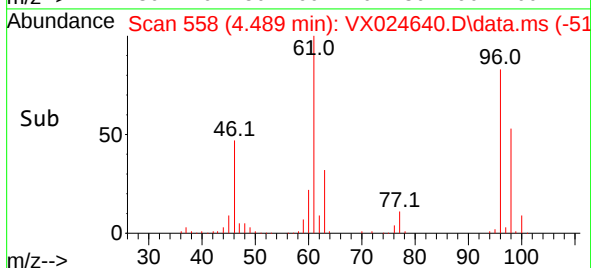
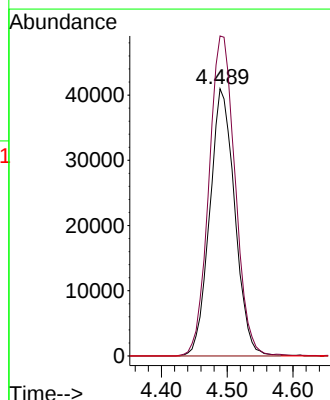
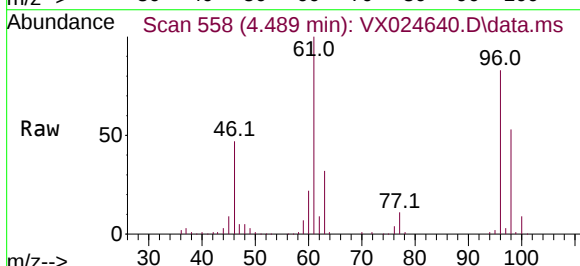
Delta R.T. -0.006 min

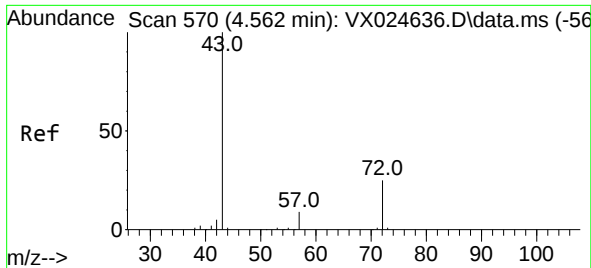
Lab File: VX024640.D

Acq: 07 Oct 2021 12:17

Tgt Ion: 96 Resp: 108653

Ion	Ratio	Lower	Upper
96	100		
61	119.8	87.8	163.0
68	0.0	0.0	0.0

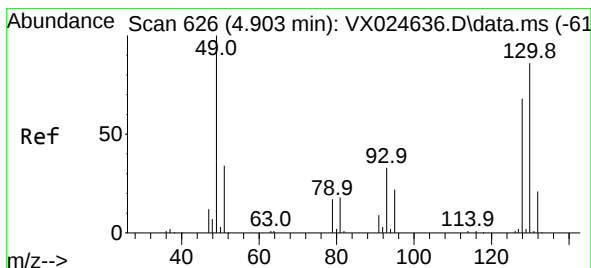
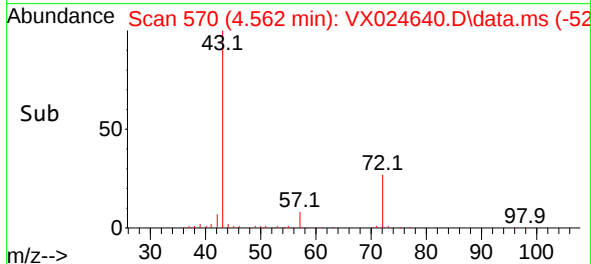
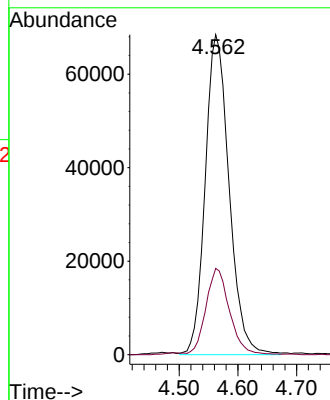
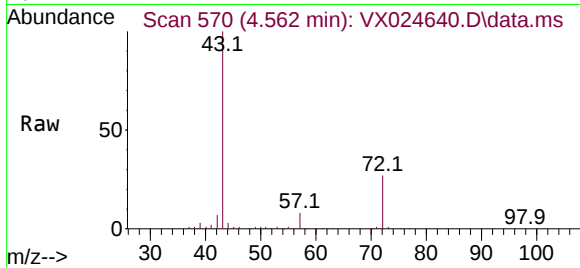




#22
2-Butanone
Concen: 101.286 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

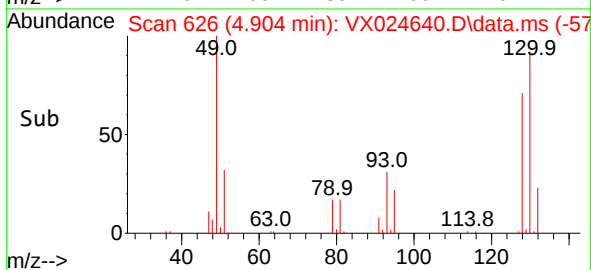
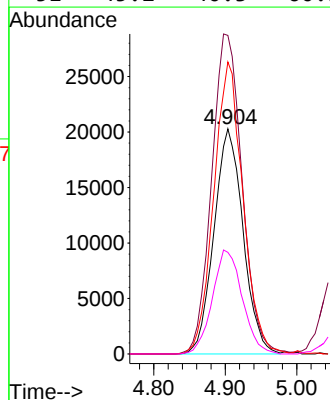
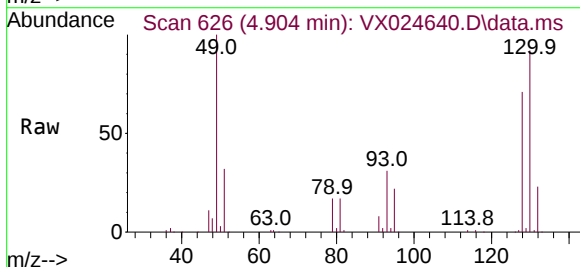
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

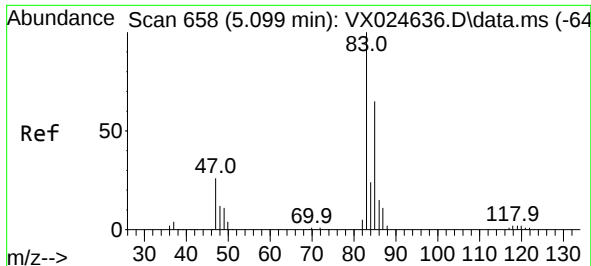
Tgt Ion: 43 Resp: 193364
Ion Ratio Lower Upper
43 100
72 26.6 15.3 45.8



#23
Bromochloromethane
Concen: 52.135 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 128 Resp: 57394
Ion Ratio Lower Upper
128 100
49 141.5 107.5 199.7
130 129.7 91.1 169.3
51 45.2 40.3 60.5

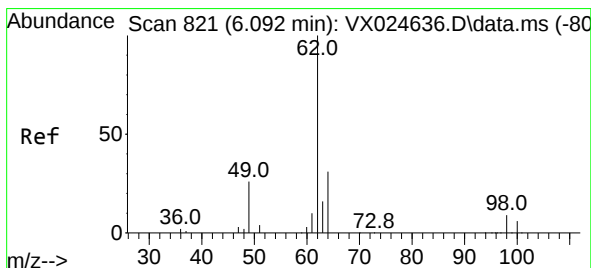
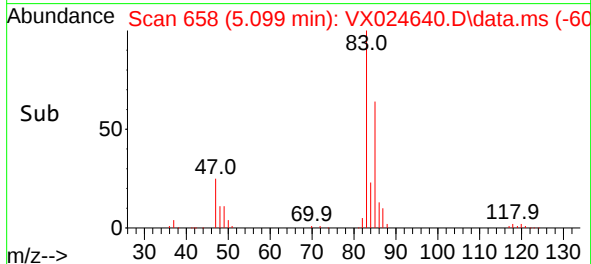
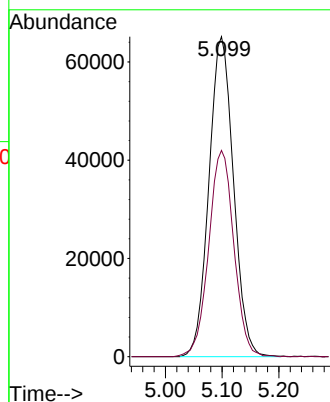
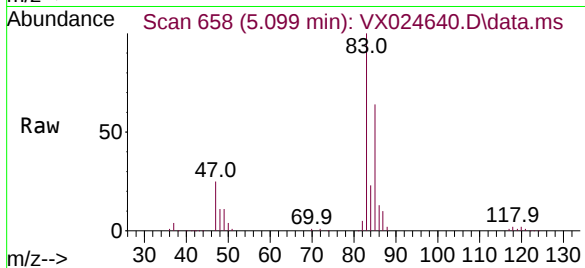




#25
Chloroform
Concen: 49.687 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

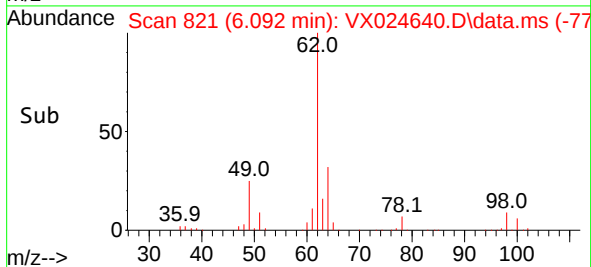
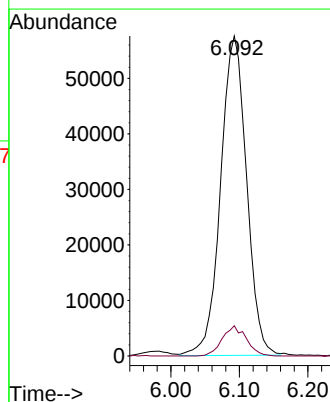
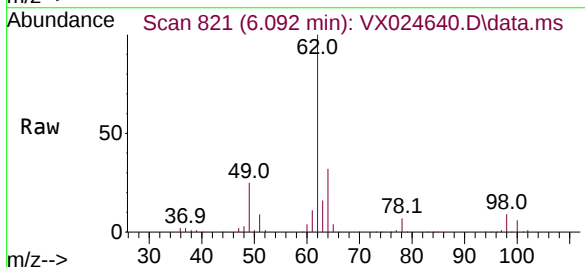
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

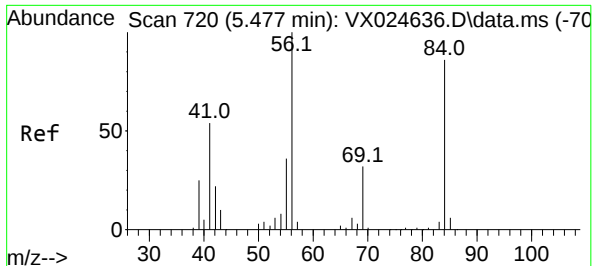
Tgt Ion: 83 Resp: 195924
Ion Ratio Lower Upper
83 100
85 64.5 46.3 85.9



#27
1,2-Dichloroethane
Concen: 49.489 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 62 Resp: 151404
Ion Ratio Lower Upper
62 100
98 9.4 7.9 11.9





#29

Cyclohexane

Concen: 48.074 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX024640.D

Acq: 07 Oct 2021 12:17

Instrument :

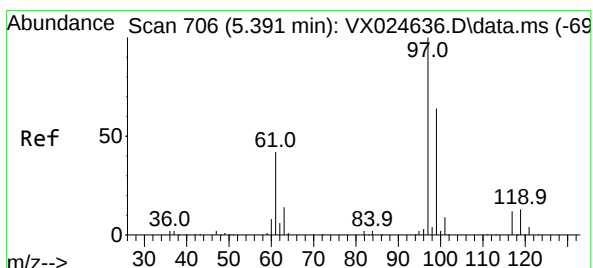
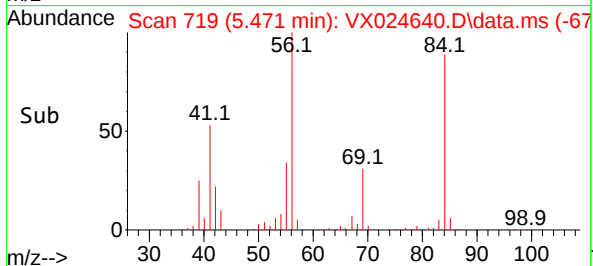
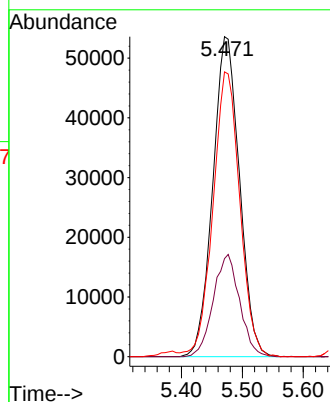
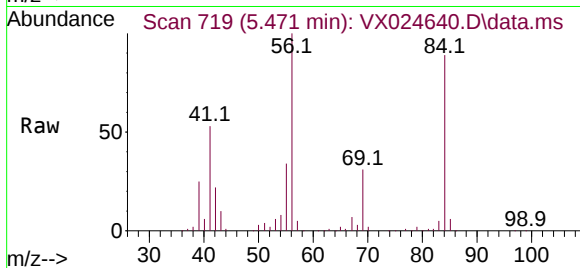
MSVOA_X

ClientSampleId :

VSTD050687

Tgt Ion: 56 Resp: 163002

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.7	38.5
84	89.3	72.4	108.6



#30

1,1,1-Trichloroethane

Concen: 46.705 ug/L

RT: 5.391 min Scan# 706

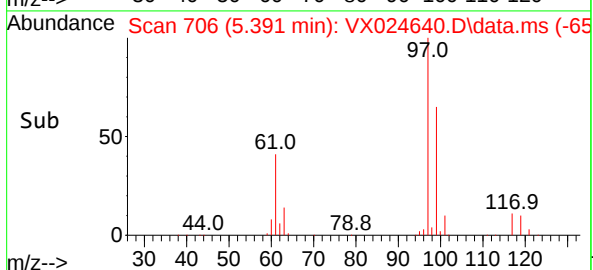
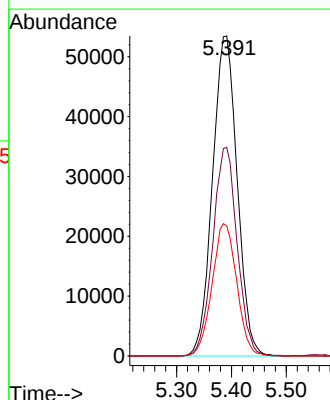
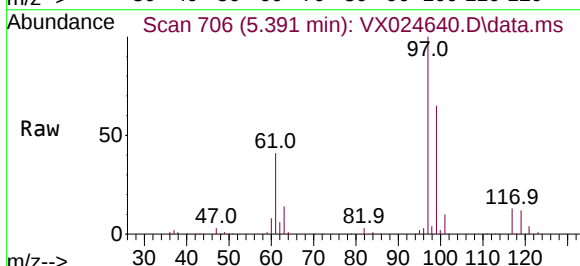
Delta R.T. 0.000 min

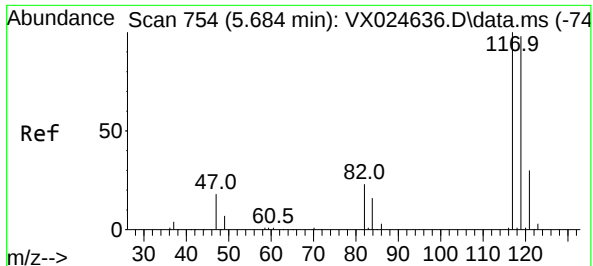
Lab File: VX024640.D

Acq: 07 Oct 2021 12:17

Tgt Ion: 97 Resp: 167310

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	41.3	35.3	52.9

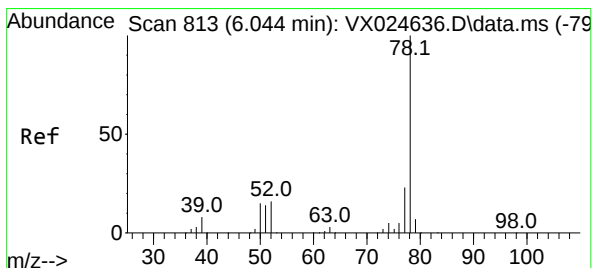
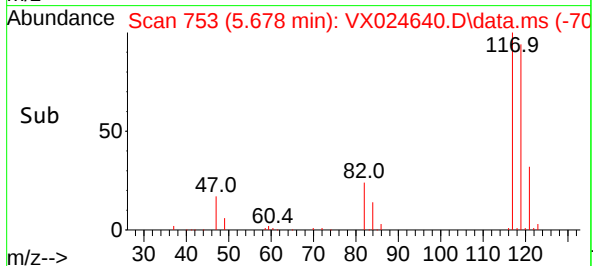
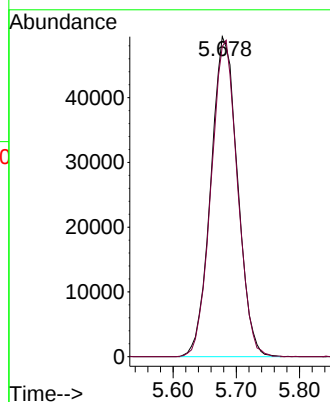
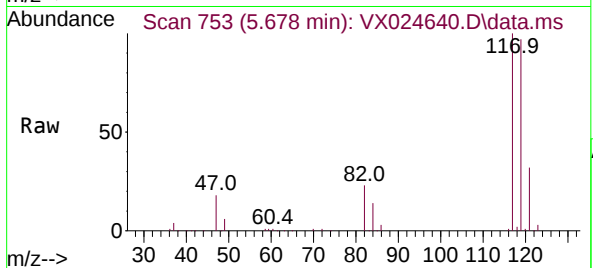




#31
Carbon tetrachloride
Concen: 46.211 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

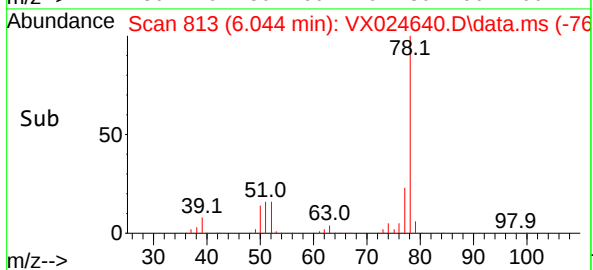
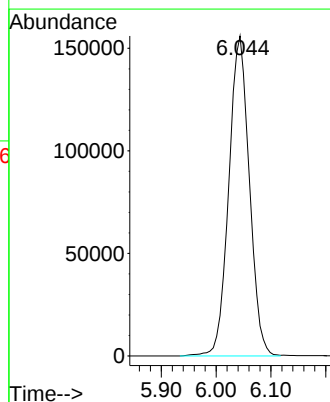
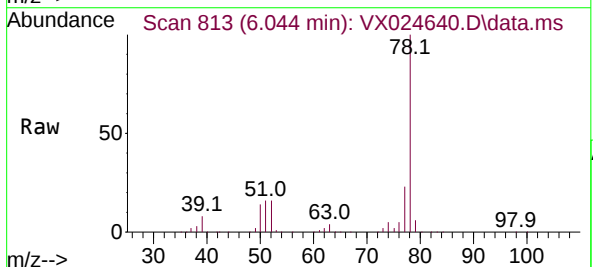
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

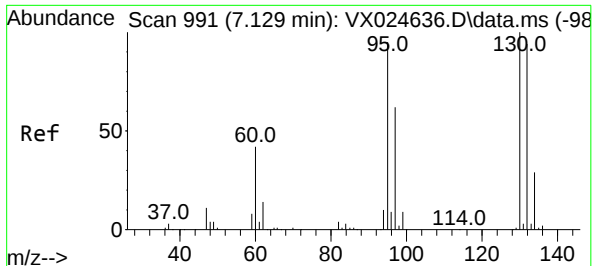
Tgt Ion:117 Resp: 145235
Ion Ratio Lower Upper
117 100
119 97.5 77.5 116.3



#33
Benzene
Concen: 48.171 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 78 Resp: 406620

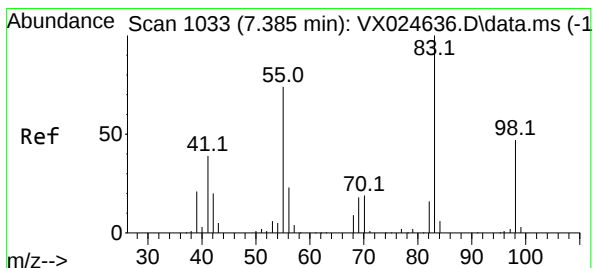
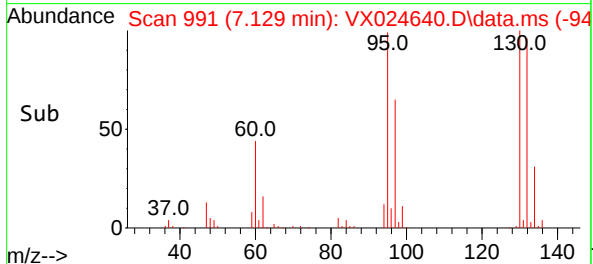
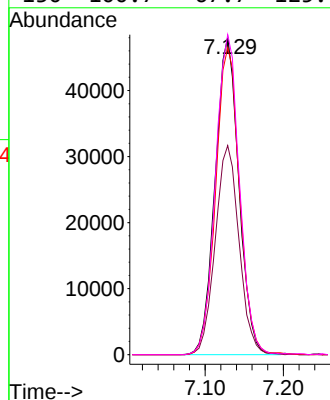
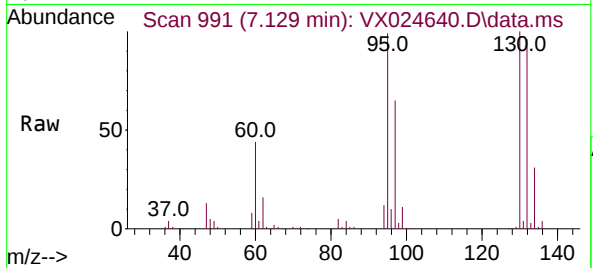




#34
Trichloroethene
Concen: 43.447 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

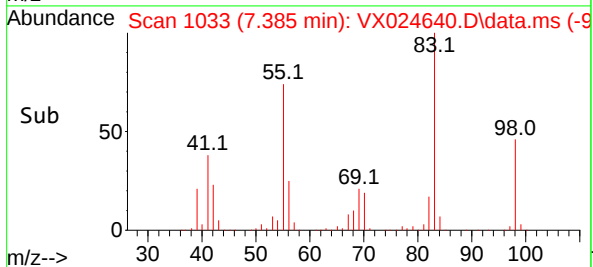
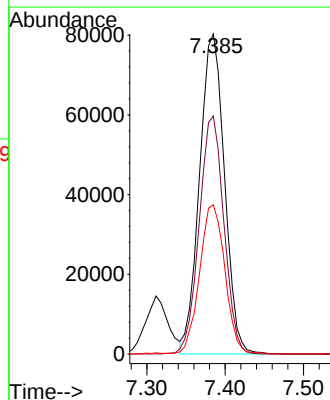
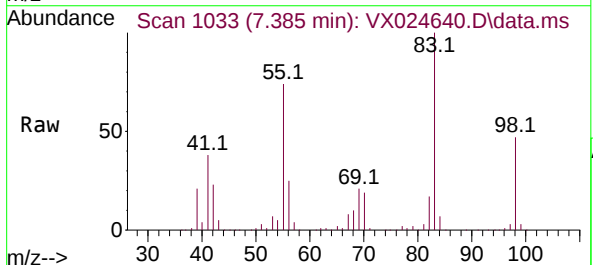
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

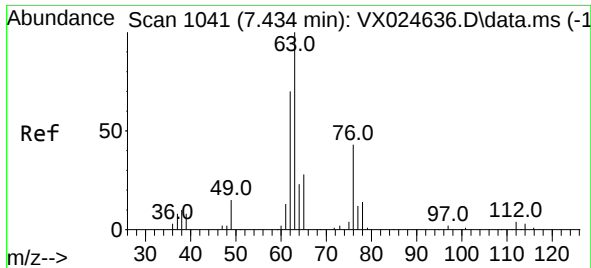
Tgt Ion: 95 Resp: 100946
Ion Ratio Lower Upper
95 100
97 65.8 44.5 82.7
132 96.6 65.2 121.0
130 100.7 67.7 125.7



#35
Methylcyclohexane
Concen: 48.084 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 83 Resp: 177611
Ion Ratio Lower Upper
83 100
55 73.5 61.2 91.8
98 47.4 38.7 58.1

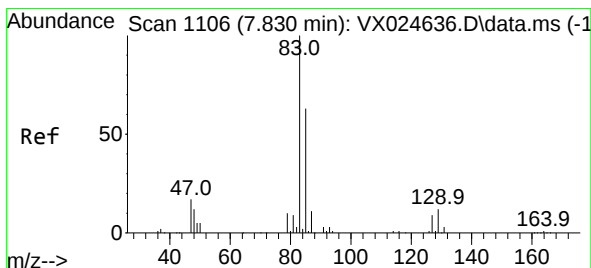
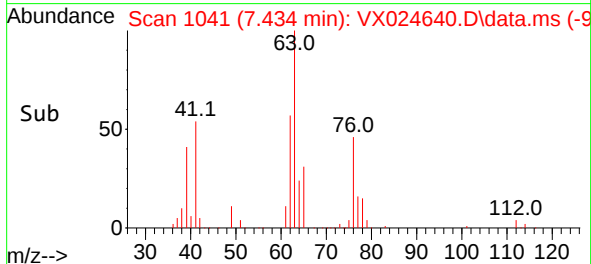
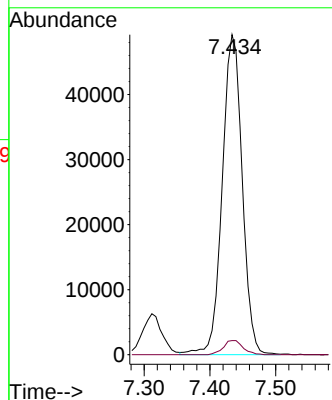
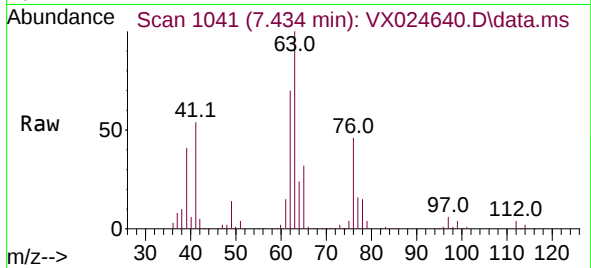




#37
1,2-Dichloropropane
Concen: 46.856 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

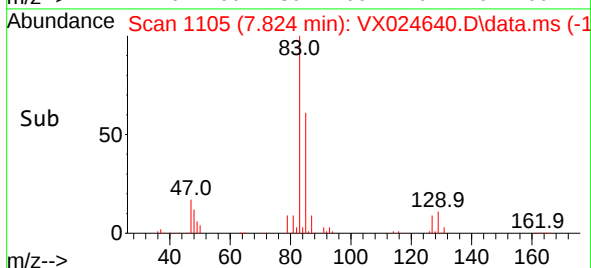
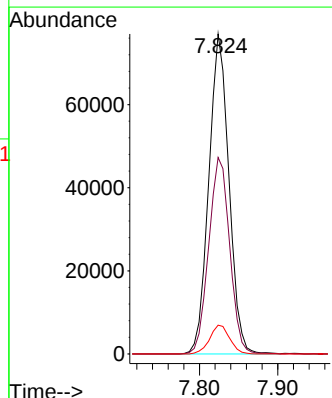
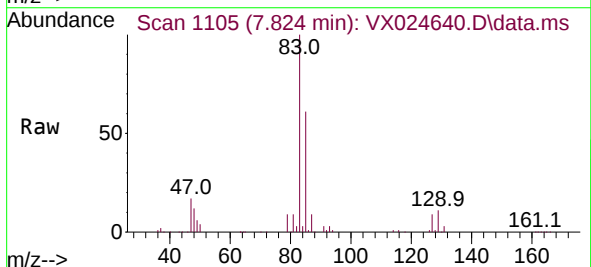
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

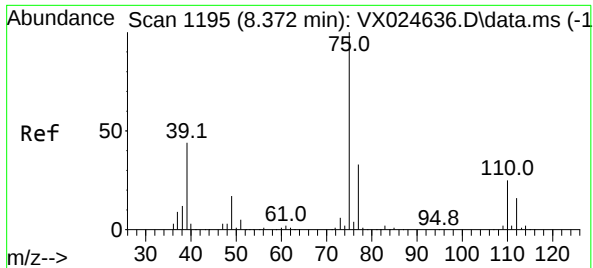
Tgt Ion: 63 Resp: 104168
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 48.371 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 83 Resp: 137370
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.7
127 9.0 6.6 10.0

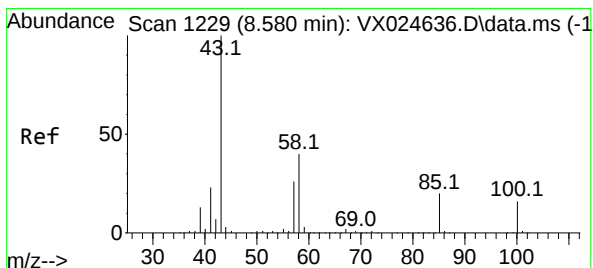
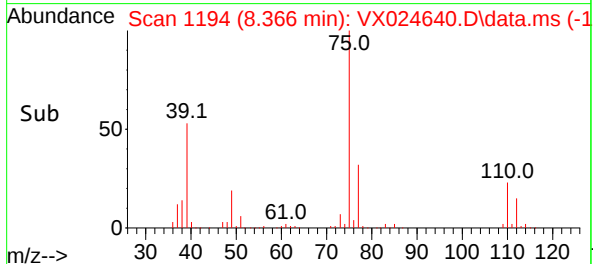
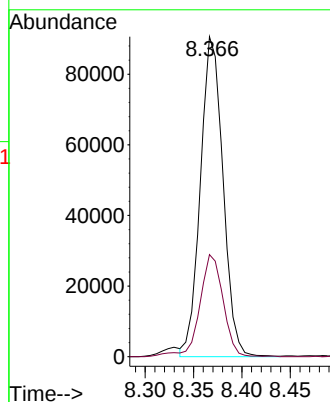
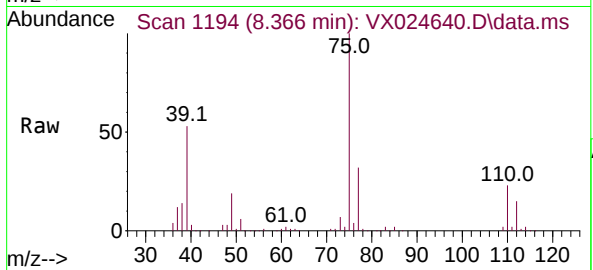




#39
 cis-1,3-Dichloropropene
 Concen: 44.305 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX024640.D
 Acq: 07 Oct 2021 12:17

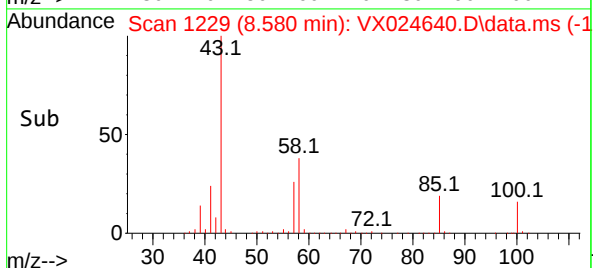
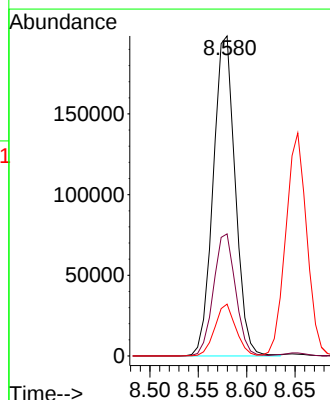
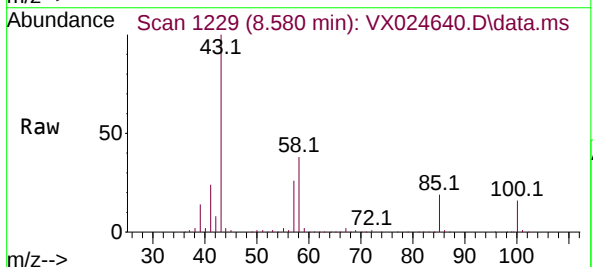
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050687

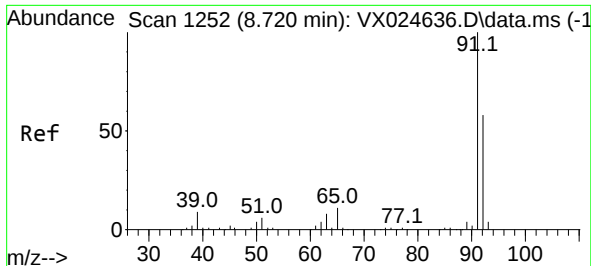
Tgt Ion: 75 Resp: 147685
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 92.965 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX024640.D
 Acq: 07 Oct 2021 12:17

Tgt Ion: 43 Resp: 314489
 Ion Ratio Lower Upper
 43 100
 58 38.3 35.0 52.4
 100 15.5 14.2 21.4

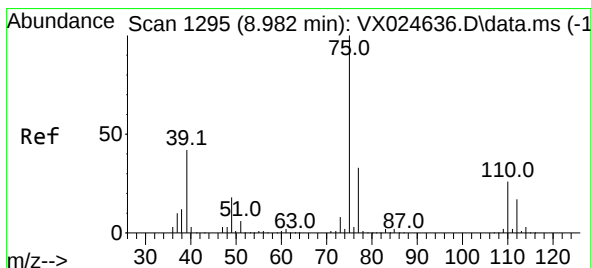
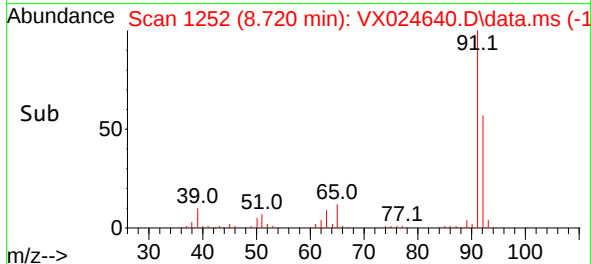
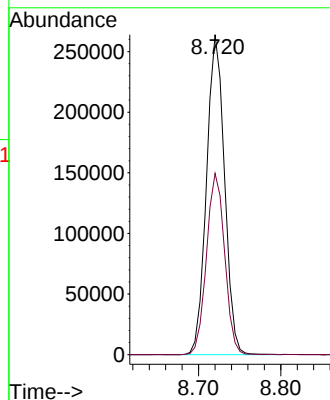
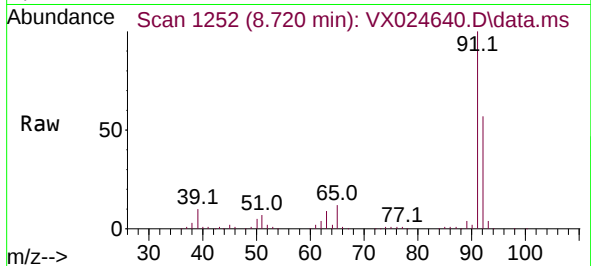




#42
Toluene
Concen: 42.631 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

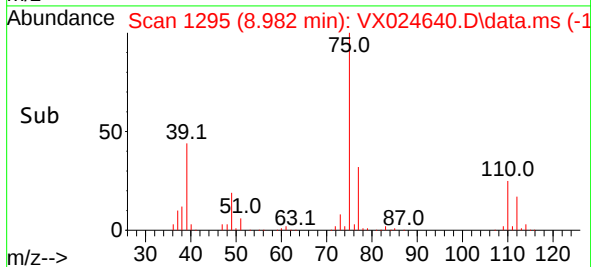
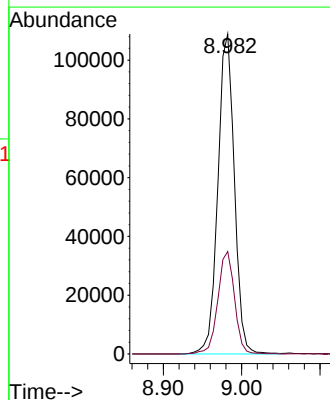
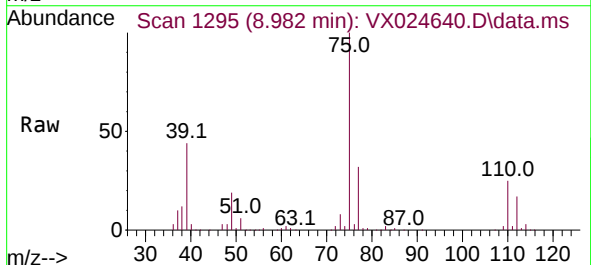
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

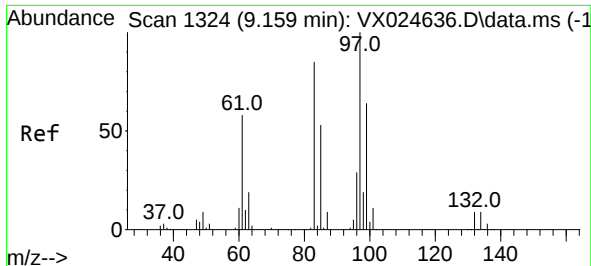
Tgt Ion: 91 Resp: 401660
Ion Ratio Lower Upper
91 100
92 56.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 49.079 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 75 Resp: 159785
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 48.245 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX024640.D

Acq: 07 Oct 2021 12:17

Tgt Ion: 97 Resp: 104284

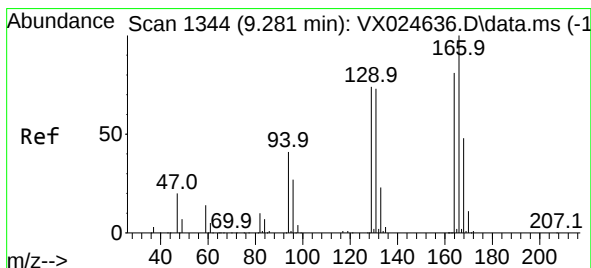
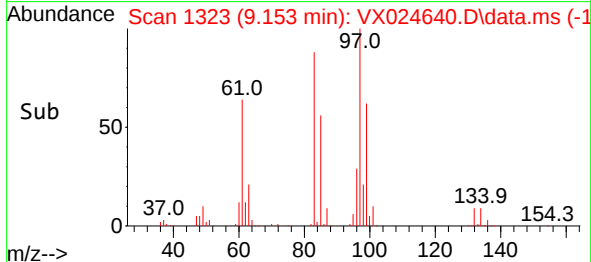
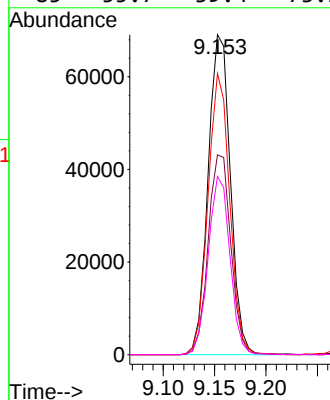
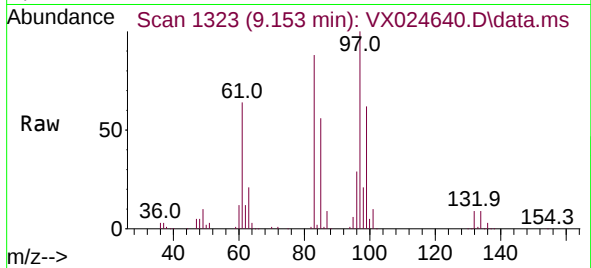
Ion Ratio Lower Upper

97 100

99 62.5 44.0 81.6

83 87.9 60.8 113.0

85 55.7 39.4 73.2



#46

Tetrachloroethene

Concen: 48.767 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.006 min

Lab File: VX024640.D

Acq: 07 Oct 2021 12:17

Tgt Ion: 164 Resp: 88323

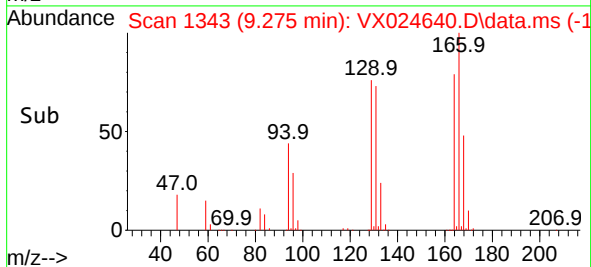
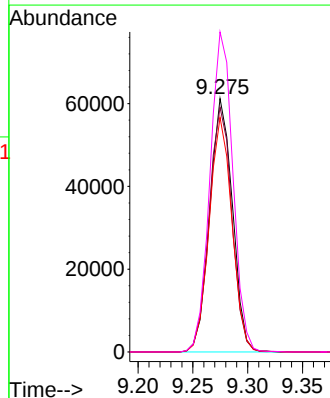
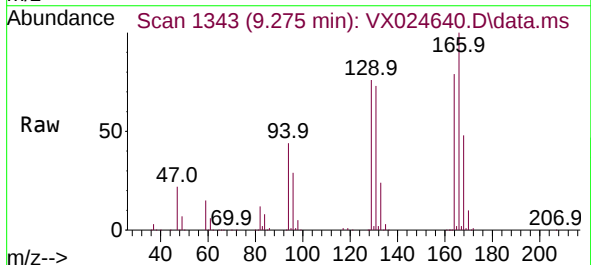
Ion Ratio Lower Upper

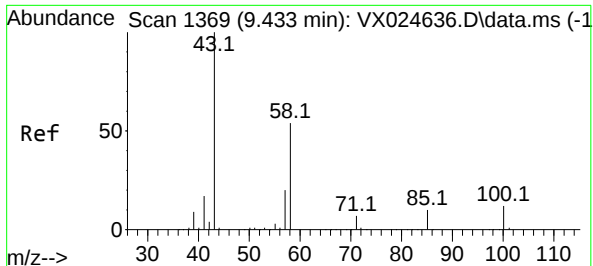
164 100

129 96.5 65.6 121.8

131 92.6 63.7 118.3

166 126.3 93.0 172.6

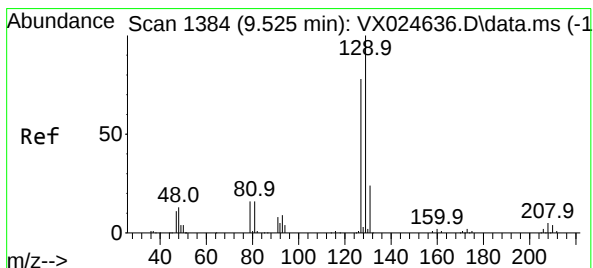
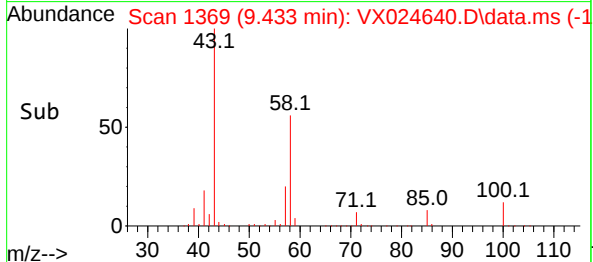
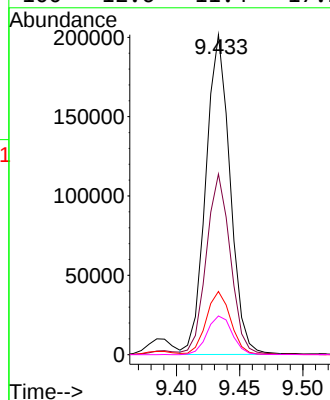
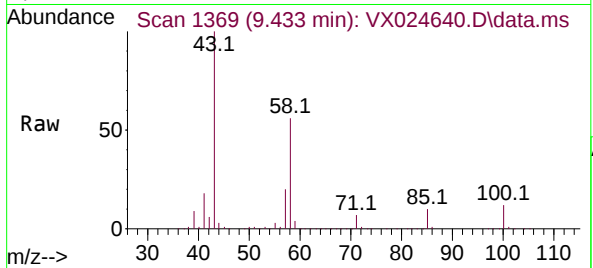




#48
2-Hexanone
Concen: 97.590 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

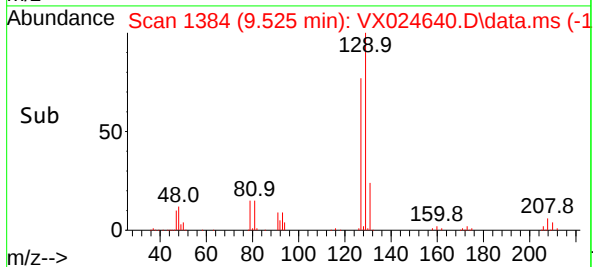
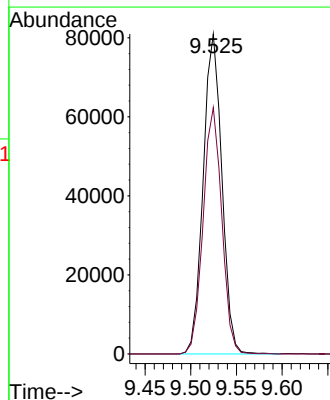
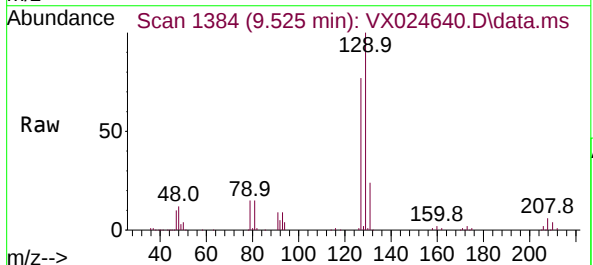
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

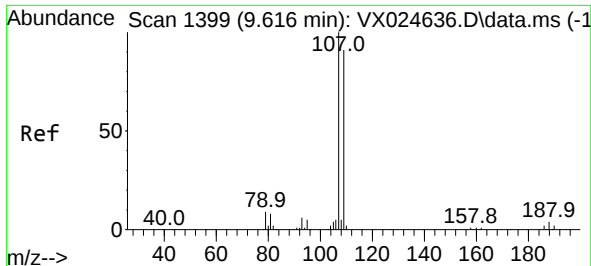
Tgt Ion: 43	Resp: 269305
Ion Ratio	Lower Upper
43 100	
58 56.3	50.1 75.1
57 19.9	17.3 25.9
100 12.6	11.4 17.2



#49
Dibromochloromethane
Concen: 51.176 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt	Ion:129	Resp:	115037
Ion	Ratio	Lower	Upper
129	100		
127	77.0	52.5	97.5

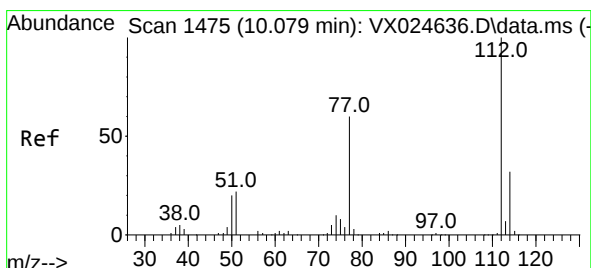
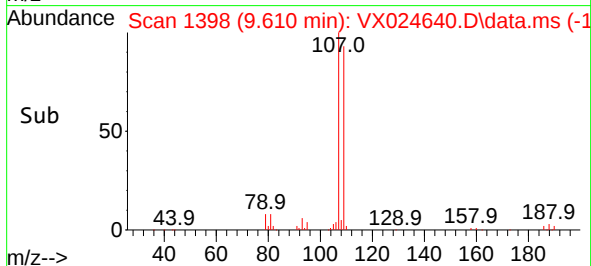
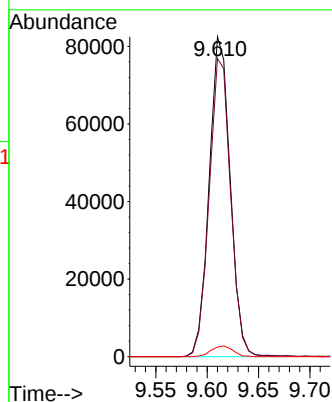
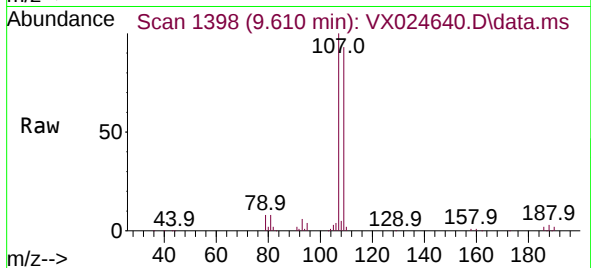




#50
1,2-Dibromoethane
Concen: 50.207 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

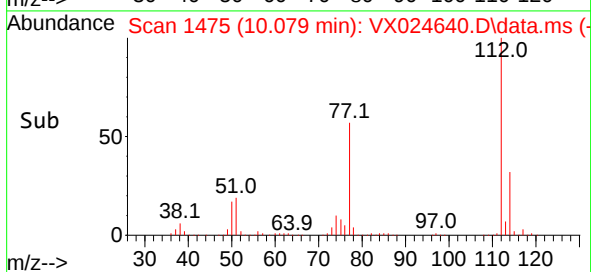
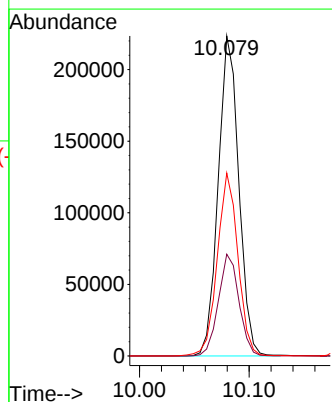
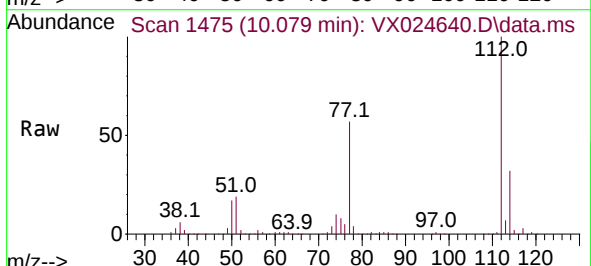
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

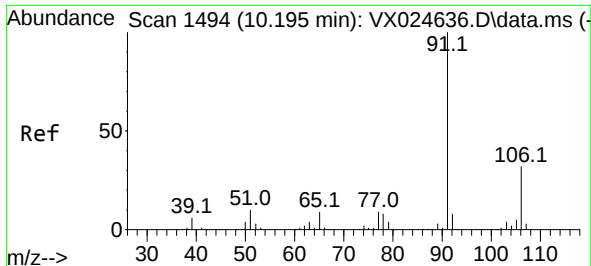
Tgt Ion:107 Resp: 117205
Ion Ratio Lower Upper
107 100
109 93.2 66.4 123.4
188 3.0 3.2 4.8#



#51
Chlorobenzene
Concen: 51.364 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:112 Resp: 291679
Ion Ratio Lower Upper
112 100
114 31.8 23.2 43.2
77 57.2 48.4 72.6

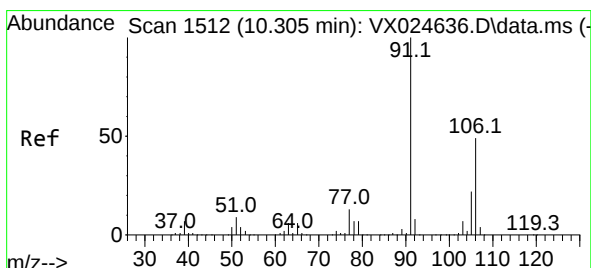
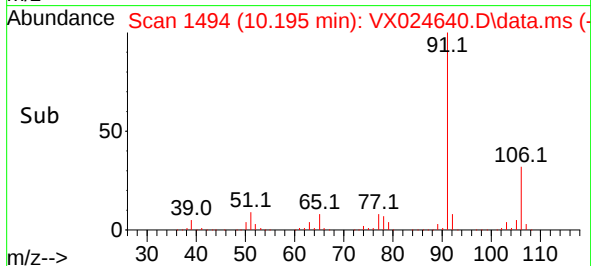
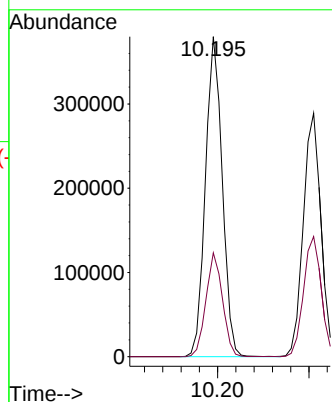
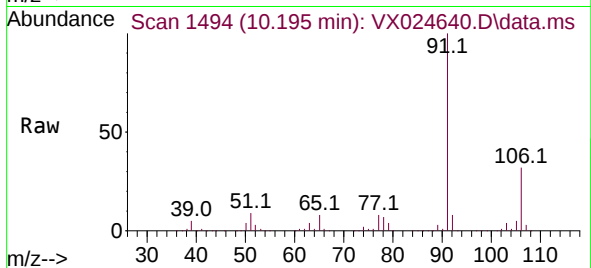




#52
Ethylbenzene
Concen: 49.869 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

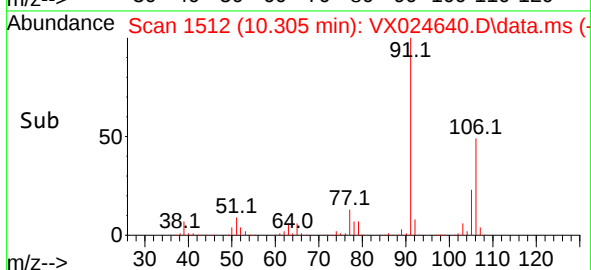
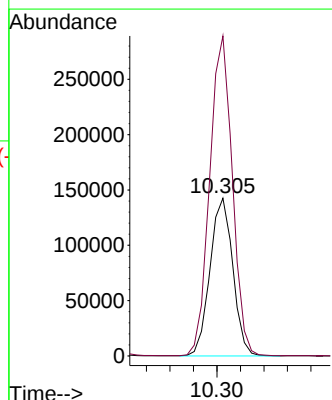
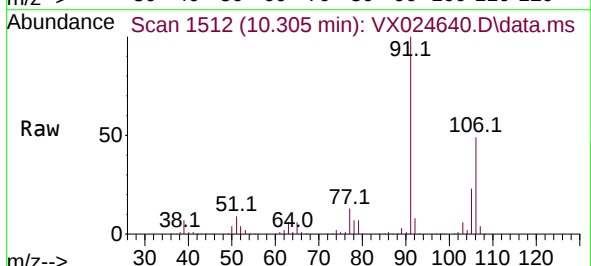
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

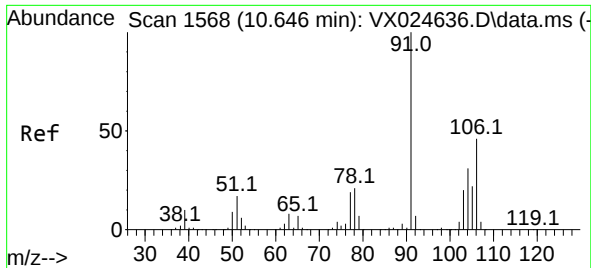
Tgt Ion: 91 Resp: 483797
Ion Ratio Lower Upper
91 100
106 32.4 21.0 39.0



#53
m,p-Xylene
Concen: 50.798 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 106 Resp: 192532
Ion Ratio Lower Upper
106 100
91 202.8 142.5 264.6

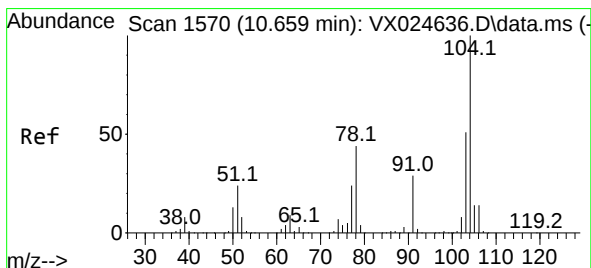
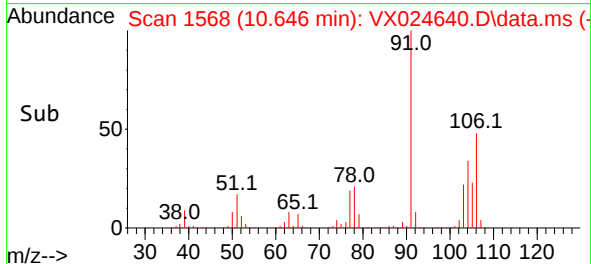
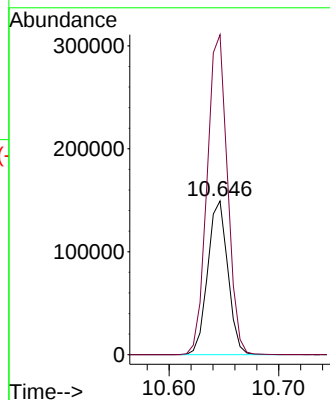
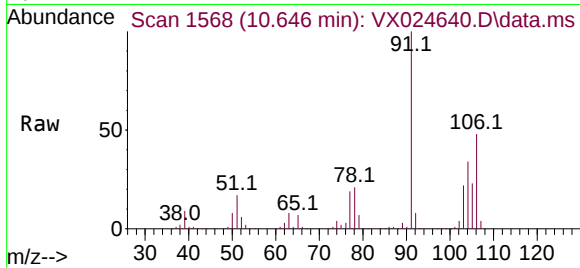




#54
o-Xylene
Concen: 50.368 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

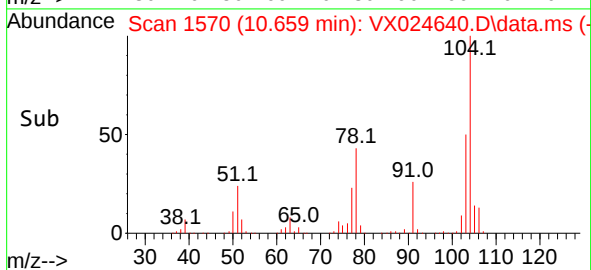
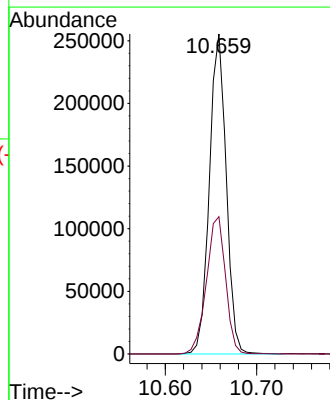
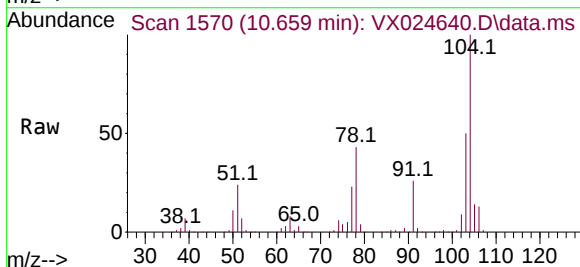
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

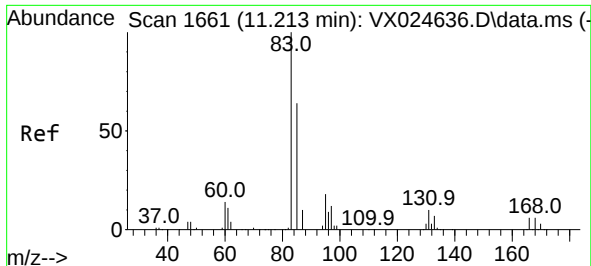
Tgt Ion:106 Resp: 190678
Ion Ratio Lower Upper
106 100
91 208.0 156.2 290.0



#55
Styrene
Concen: 51.580 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:104 Resp: 325937
Ion Ratio Lower Upper
104 100
78 42.9 30.0 55.6

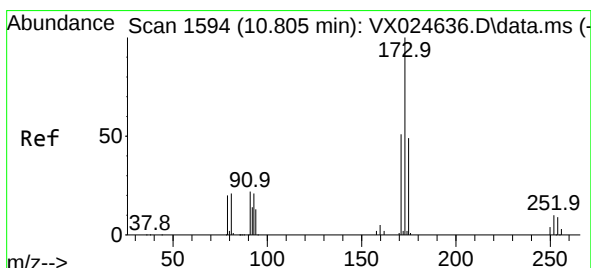
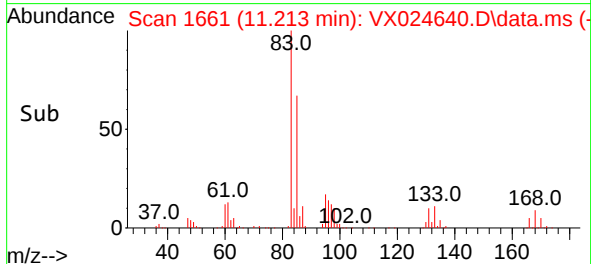
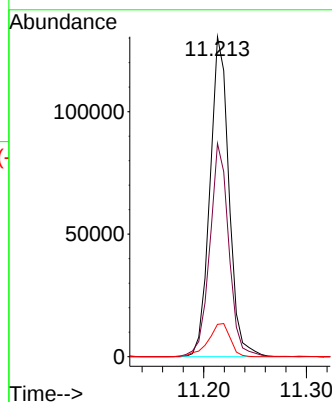
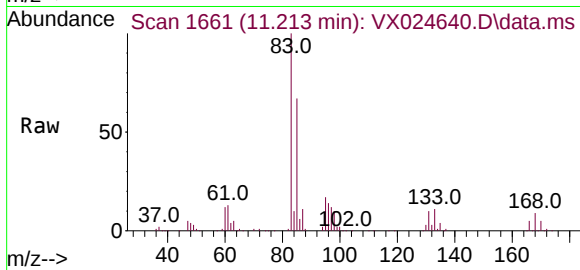




#57
1,1,2,2-Tetrachloroethane
Concen: 49.026 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

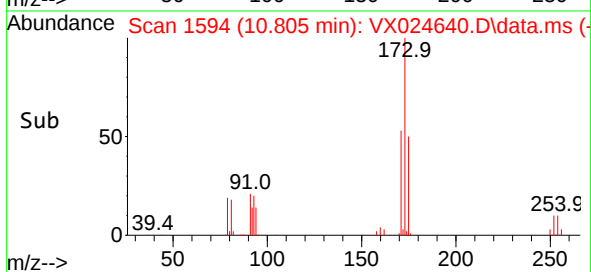
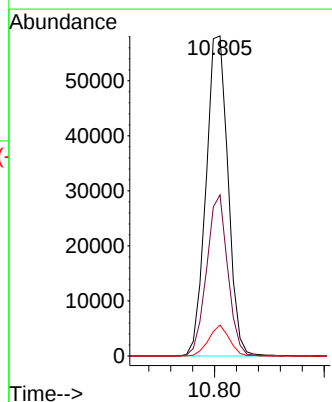
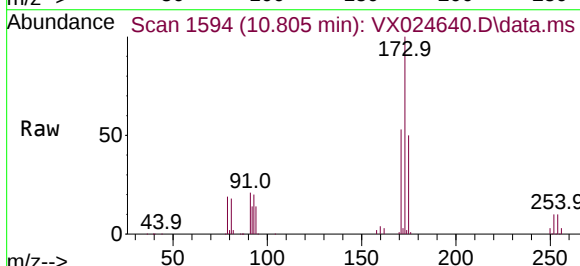
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

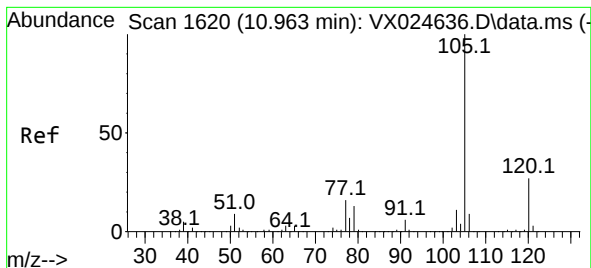
Tgt Ion: 83 Resp: 167491
Ion Ratio Lower Upper
83 100
85 66.7 44.7 82.9
131 10.1 7.8 11.8



#59
Bromoform
Concen: 50.696 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 173 Resp: 80796
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 9.0 8.6 13.0

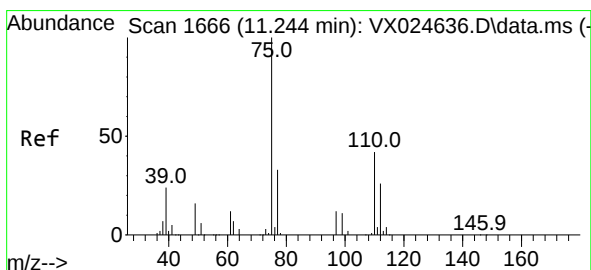
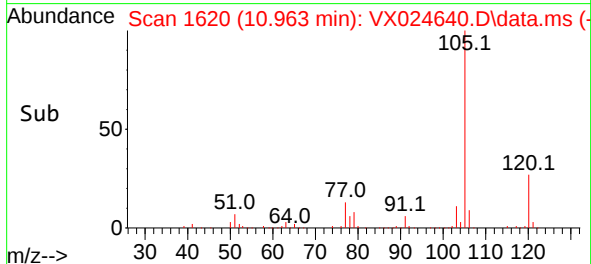
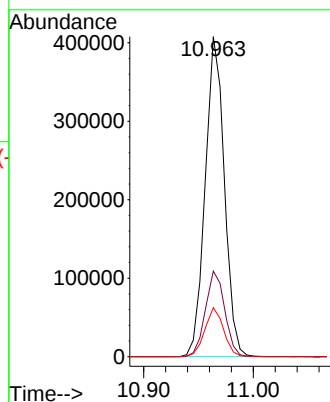
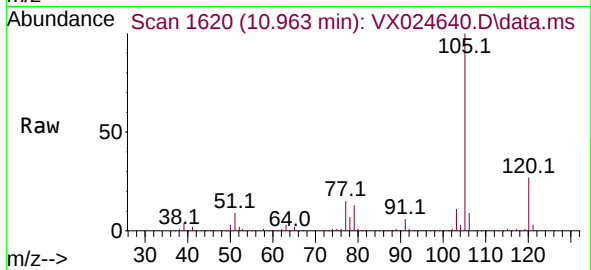




#60
Isopropylbenzene
Concen: 50.844 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

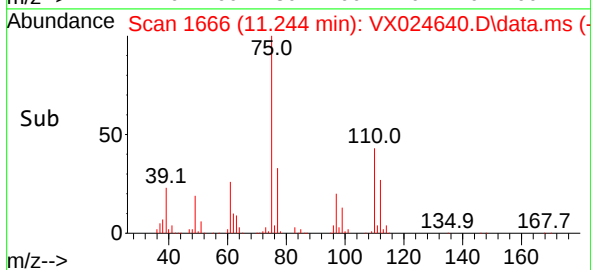
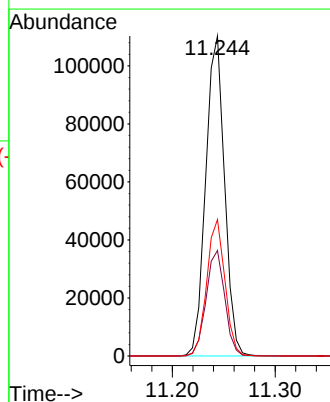
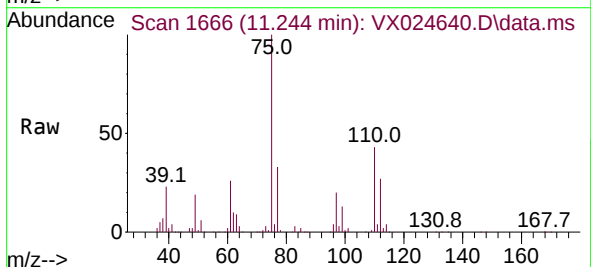
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

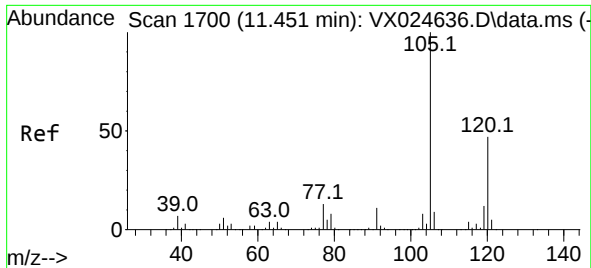
Tgt Ion:105 Resp: 493167
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 48.568 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 75 Resp: 140413
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 41.2 31.8 47.8

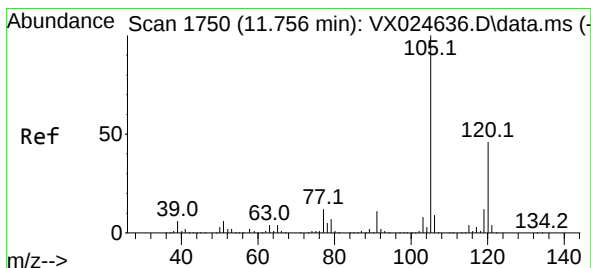
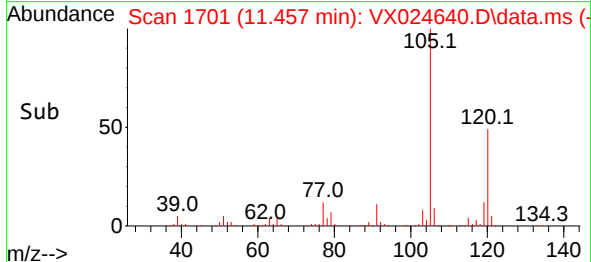
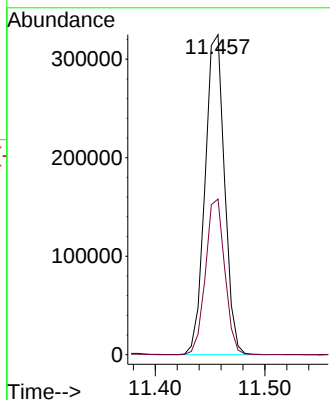
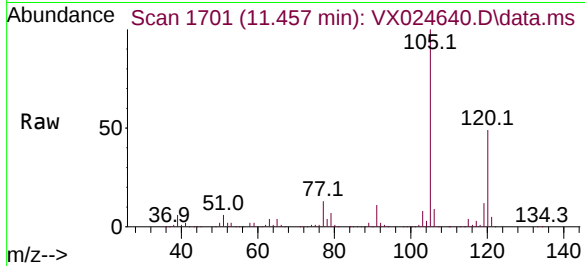




#62
1,3,5-Trimethylbenzene
Concen: 47.049 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

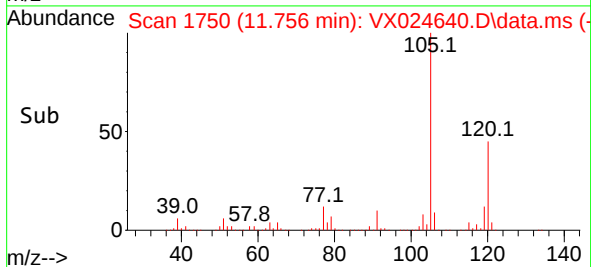
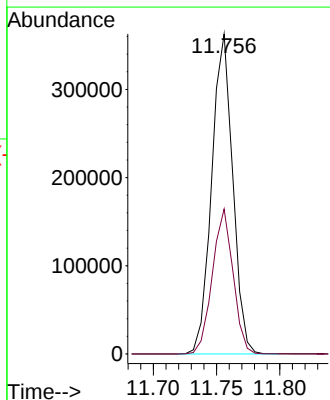
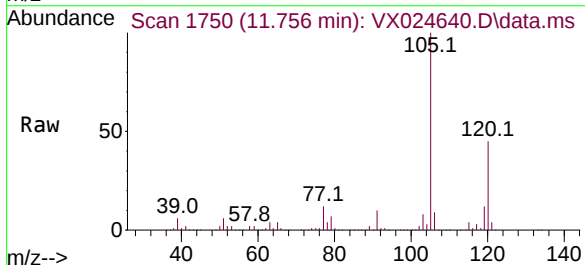
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

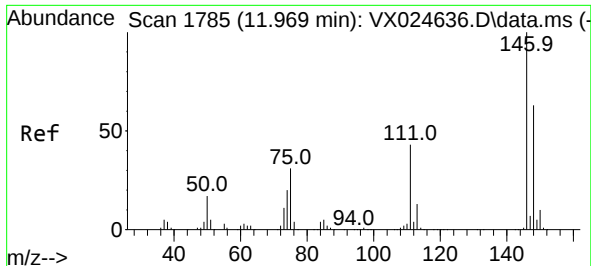
Tgt Ion:105 Resp: 400824
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 50.347 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:105 Resp: 419294
Ion Ratio Lower Upper
105 100
120 44.5 36.4 54.6

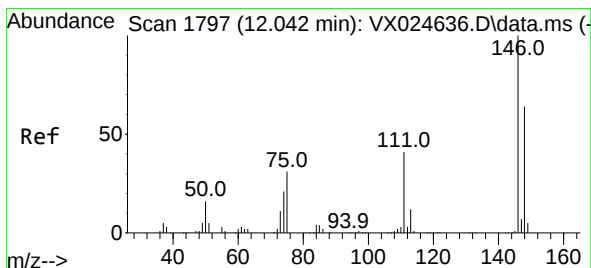
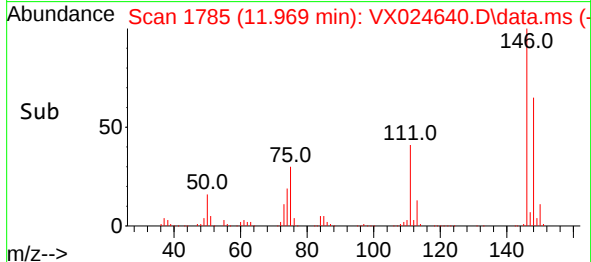
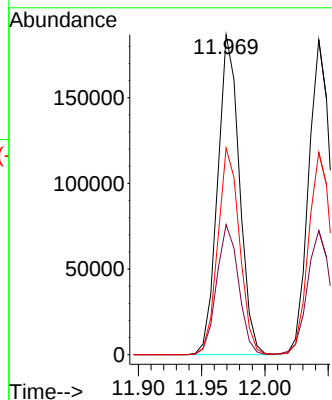
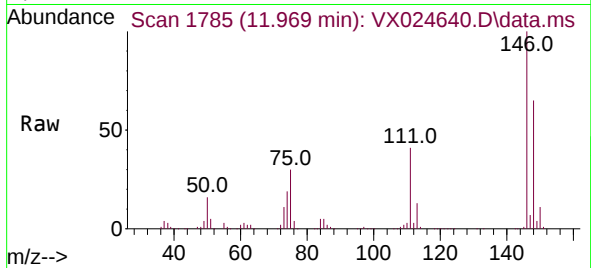




#64
1,3-Dichlorobenzene
Concen: 49.319 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

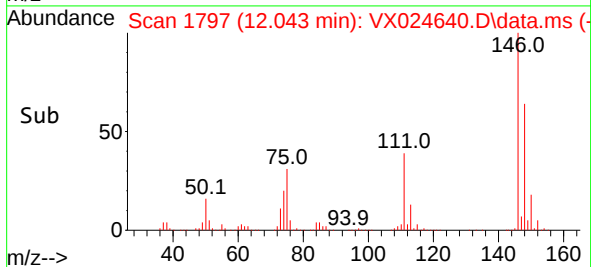
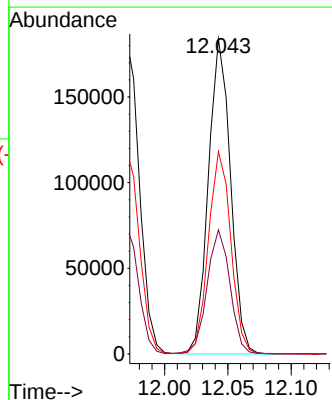
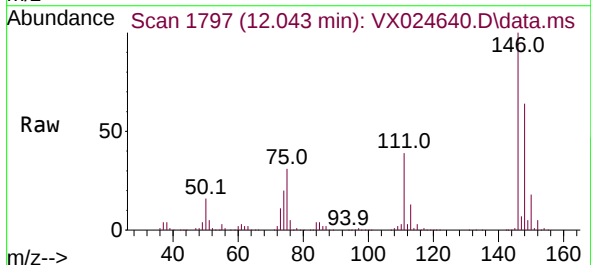
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

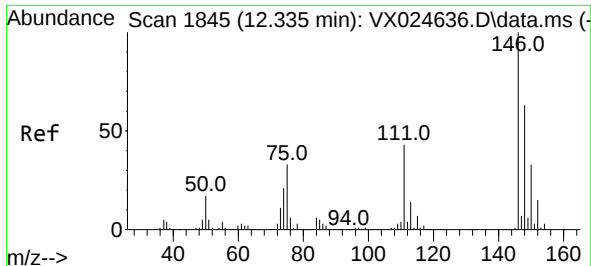
Tgt Ion:146 Resp: 223087
Ion Ratio Lower Upper
146 100
111 40.7 28.9 53.7
148 64.6 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 49.627 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:146 Resp: 224230
Ion Ratio Lower Upper
146 100
111 39.4 28.7 53.3
148 64.3 45.8 85.2

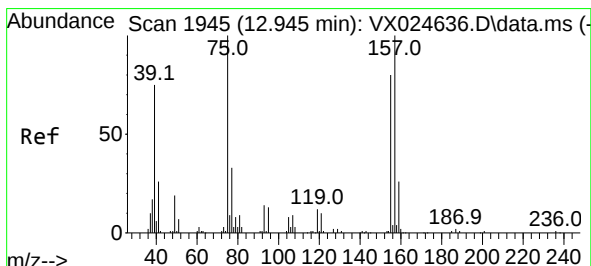
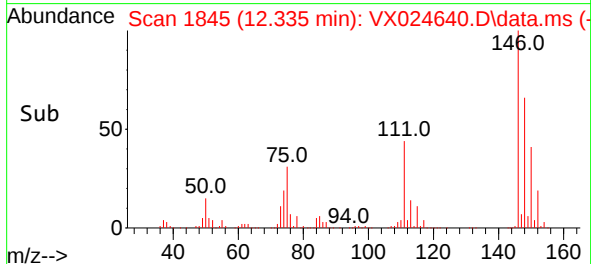
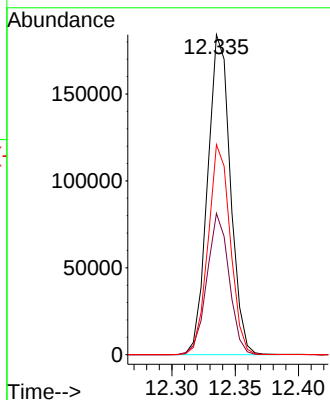
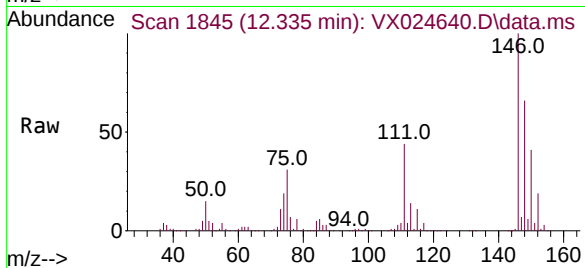




#67
1,2-Dichlorobenzene
Concen: 51.578 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

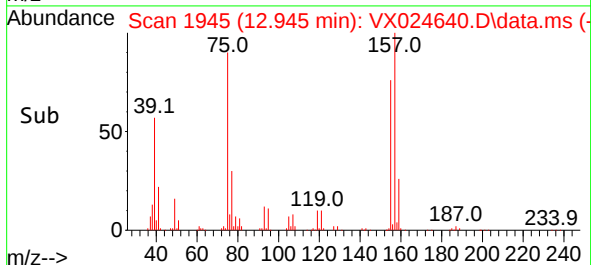
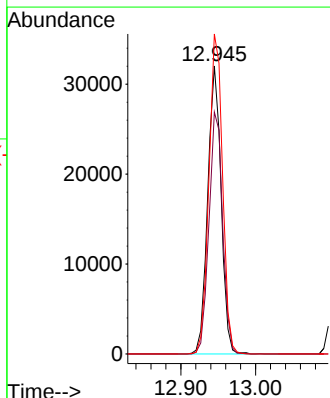
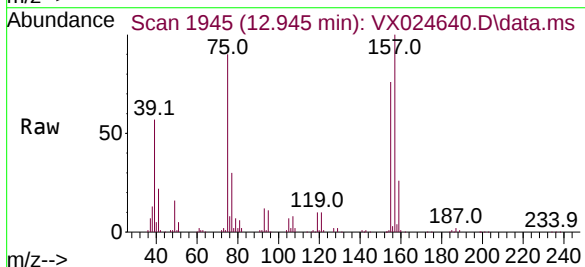
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

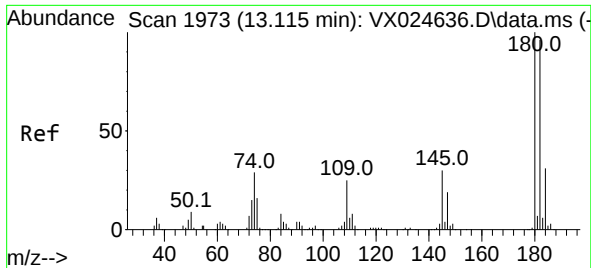
Tgt Ion:146 Resp: 230356
Ion Ratio Lower Upper
146 100
111 44.1 33.8 50.8
148 65.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 51.101 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion: 75 Resp: 39713
Ion Ratio Lower Upper
75 100
155 84.0 65.3 97.9
157 111.1 80.5 120.7

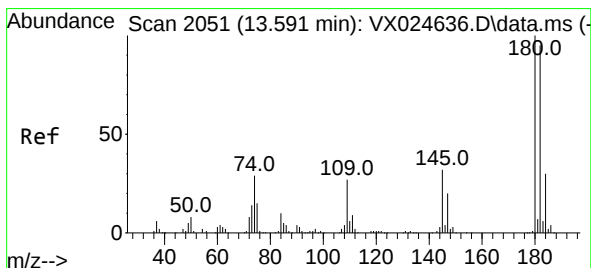
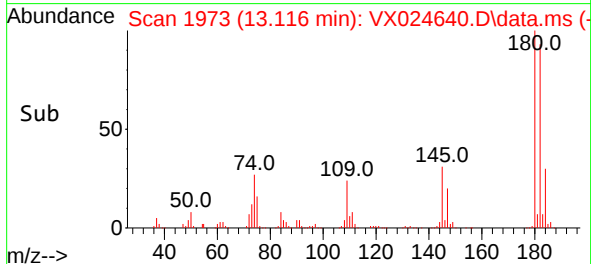
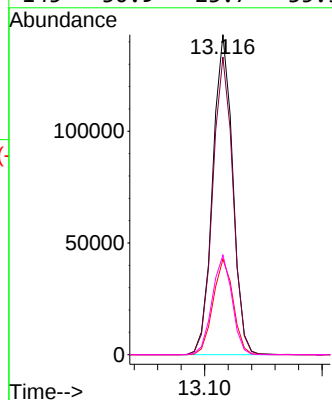
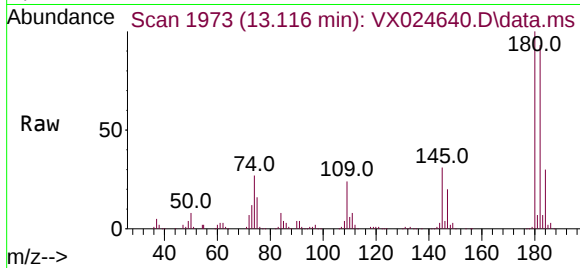




#69
1,3,5-Trichlorobenzene
Concen: 51.993 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

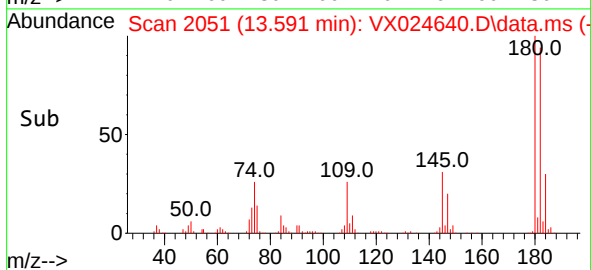
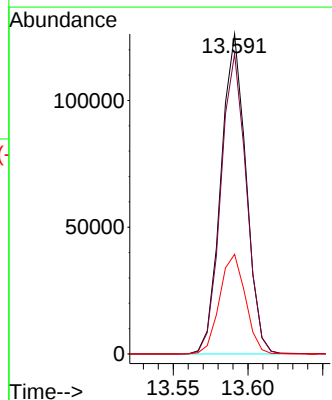
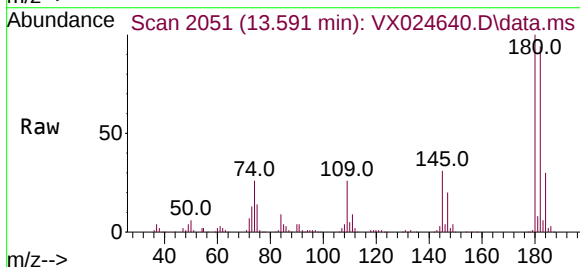
Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

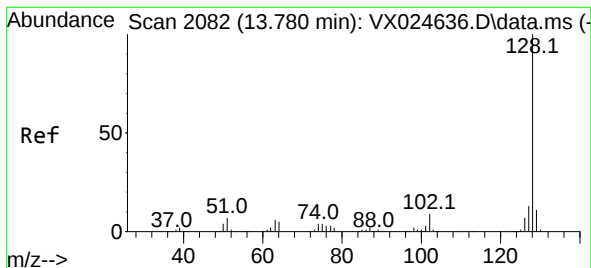
Tgt Ion:180 Resp: 168933
Ion Ratio Lower Upper
180 100
182 93.9 74.8 112.2
184 30.0 24.1 36.1
145 30.9 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 53.542 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:180 Resp: 147194
Ion Ratio Lower Upper
180 100
182 95.0 74.3 111.5
145 32.0 24.1 36.1

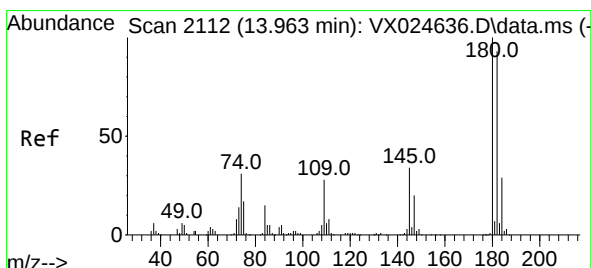
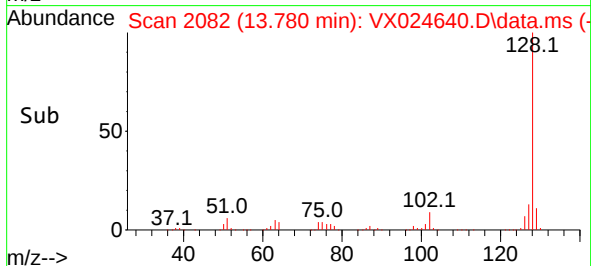
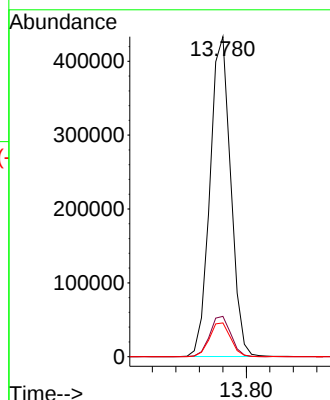
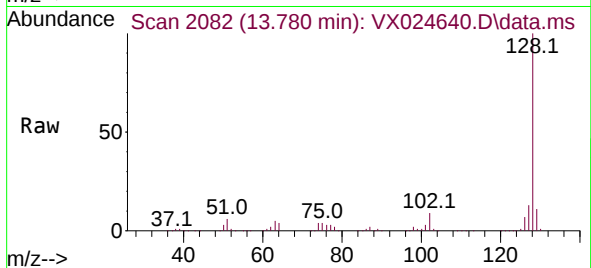




#71
Naphthalene
Concen: 57.867 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :
VSTD050687

Tgt Ion:128 Resp: 531037
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.795 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX024640.D
Acq: 07 Oct 2021 12:17

Tgt Ion:180 Resp: 152602
Ion Ratio Lower Upper
180 100
182 95.1 74.6 112.0
145 33.7 25.6 38.4

