

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
 Data File : VX024842.D
 Acq On : 19 Oct 2021 12:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

Quant Time: Oct 20 04:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 18 01:29:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	259984	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	237094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126342	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61387	38.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.280%
7) Chloroethane-d5	1.666	69	50477	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.280%
11) 1,1-Dichloroethene-d2	2.312	63	134140	42.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.880%
21) 2-Butanone-d5	4.458	46	158979	120.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.130%
24) Chloroform-d	5.068	84	151823	46.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
26) 1,2-Dichloroethane-d4	5.964	65	100635	43.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.300%
32) Benzene-d6	5.983	84	269007	40.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.560%
36) 1,2-Dichloropropane-d6	7.318	67	95641	45.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.560%
41) Toluene-d8	8.653	98	248026	38.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.240%#
43) trans-1,3-Dichloroprop...	8.952	79	46127	44.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.120%
47) 2-Hexanone-d5	9.384	63	101130	103.121	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	138263	48.058	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	12.323	152	106518	43.090	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98906	43.034	ug/L	99
3) Chloromethane	1.294	50	105246	56.087	ug/L	97
5) Vinyl chloride	1.374	62	107912	57.001	ug/L	99
6) Bromomethane	1.605	94	66936	64.073	ug/L	98
8) Chloroethane	1.691	64	56109	56.772	ug/L	96
9) Trichlorofluoromethane	1.892	101	146484	54.897	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86825	52.283	ug/L	96
12) 1,1-Dichloroethene	2.325	96	78176	52.353	ug/L	87
13) Acetone	2.380	43	145223	111.015	ug/L	90
14) Carbon disulfide	2.514	76	219822	50.988	ug/L	98
15) Methyl Acetate	2.709	43	113407	54.413	ug/L #	89
16) Methylene chloride	2.794	84	87921	48.936	ug/L	90
17) trans-1,2-Dichloroethene	3.099	96	80819	47.736	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	276325	49.623	ug/L	98
19) 1,1-Dichloroethane	3.617	63	163160	51.579	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	92995	48.668	ug/L	89
22) 2-Butanone	4.562	43	180849	104.435	ug/L	91
23) Bromochloromethane	4.910	128	47767	47.835	ug/L	93
25) Chloroform	5.099	83	164665	46.038	ug/L	98

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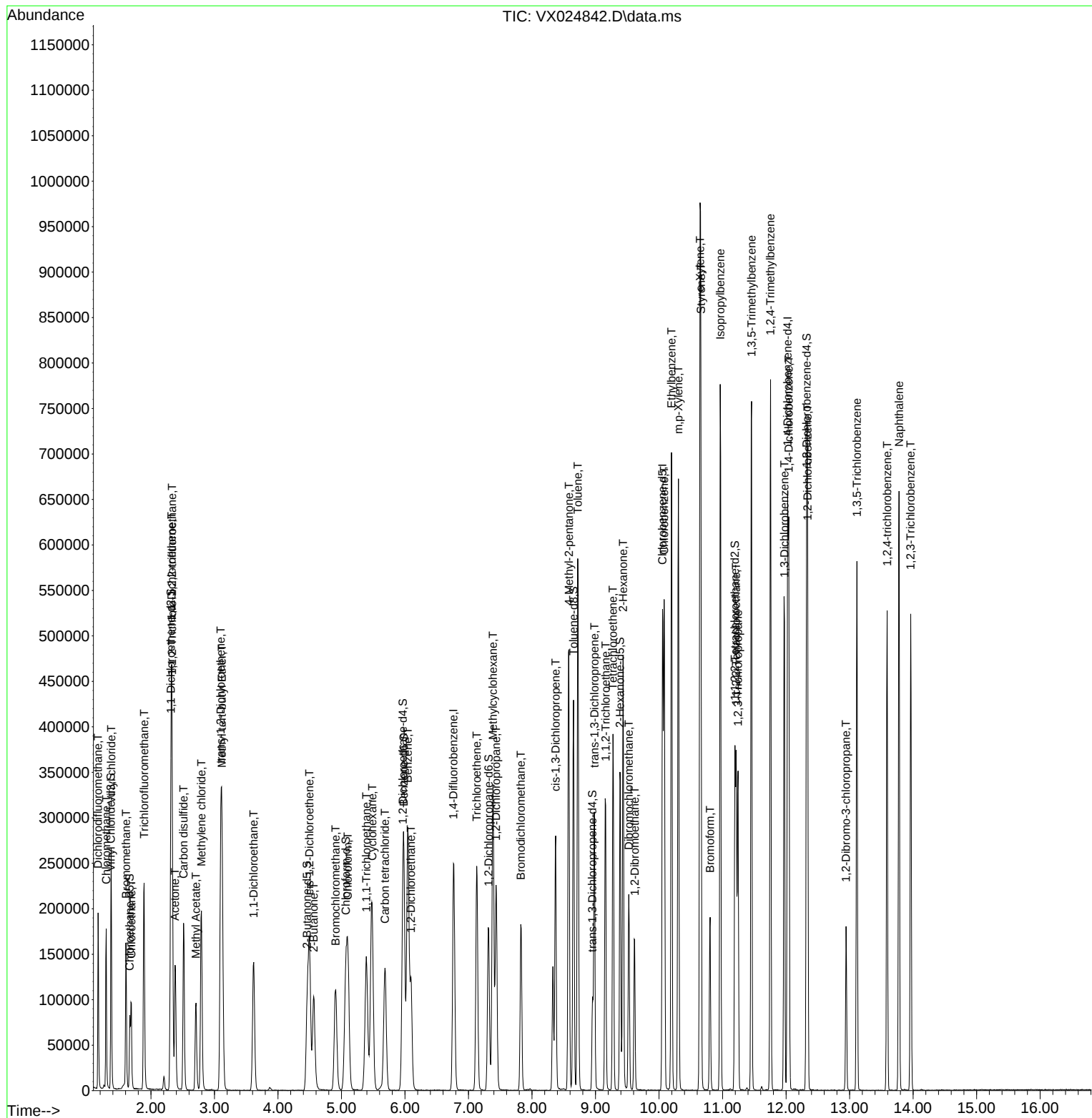
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	134700	48.539	ug/L #	94
29) Cyclohexane	5.483	56	145716	49.516	ug/L	95
30) 1,1,1-Trichloroethane	5.391	97	144779	46.566	ug/L	99
31) Carbon tetrachloride	5.684	117	125462	45.995	ug/L	99
33) Benzene	6.043	78	339811	46.382	ug/L	100
34) Trichloroethene	7.129	95	93702	46.466	ug/L	96
35) Methylcyclohexane	7.385	83	149352	46.587	ug/L	98
37) 1,2-Dichloropropane	7.434	63	93374	48.393	ug/L #	97
38) Bromodichloromethane	7.824	83	120797	49.008	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	144526	49.955	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	303125	103.242	ug/L #	90
42) Toluene	8.720	91	374372	45.781	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	139654	49.423	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	85094	45.358	ug/L	98
46) Tetrachloroethene	9.275	164	76378	48.590	ug/L	97
48) 2-Hexanone	9.433	43	255012	106.474	ug/L #	87
49) Dibromochloromethane	9.525	129	95244	48.819	ug/L	100
50) 1,2-Dibromoethane	9.616	107	94189	46.488	ug/L	100
51) Chlorobenzene	10.079	112	229906	46.647	ug/L	98
52) Ethylbenzene	10.195	91	393460	46.730	ug/L	96
53) m,p-Xylene	10.305	106	152395	46.327	ug/L	94
54) o-Xylene	10.646	106	151859	46.218	ug/L	90
55) Styrene	10.659	104	248793	45.364	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	139357	46.998	ug/L	99
59) Bromoform	10.805	173	73156	51.175	ug/L	98
60) Isopropylbenzene	10.963	105	396230	45.543	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	115197	44.423	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	328212	42.951	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	329931	44.167	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	184512	45.477	ug/L	90
65) 1,4-Dichlorobenzene	12.042	146	185188	45.694	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	184746	46.117	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	33699	48.343	ug/L	92
69) 1,3,5-Trichlorobenzene	13.115	180	144847	49.701	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	127864	51.854	ug/L	97
71) Naphthalene	13.780	128	409788	49.784	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	130406	51.251	ug/L	97

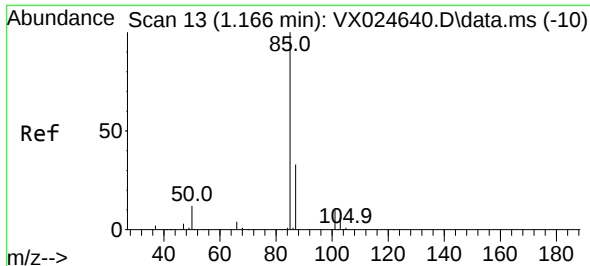
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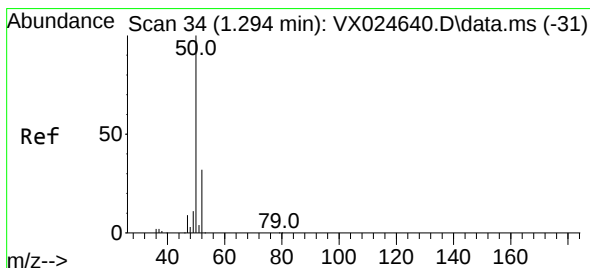
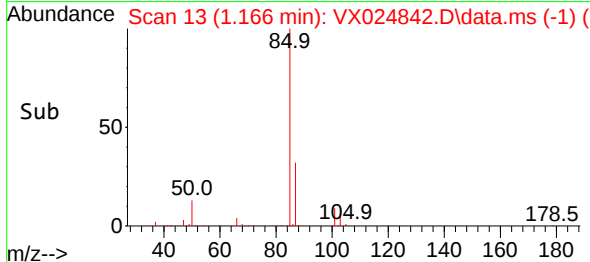
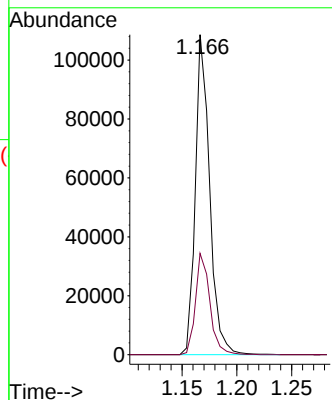
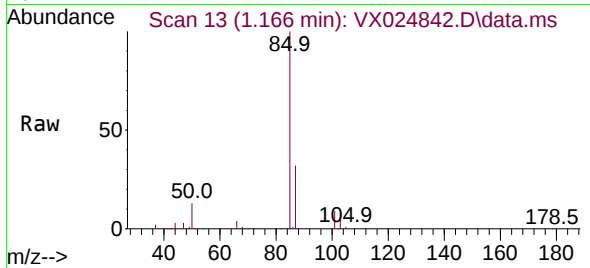




#2
Dichlorodifluoromethane
Concen: 43.034 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

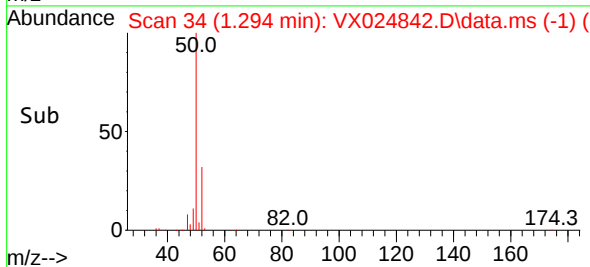
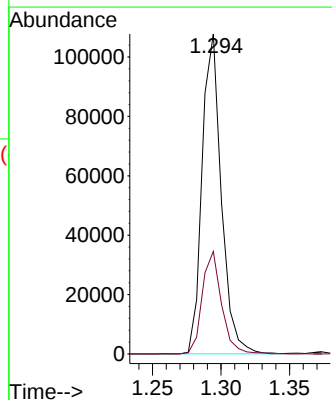
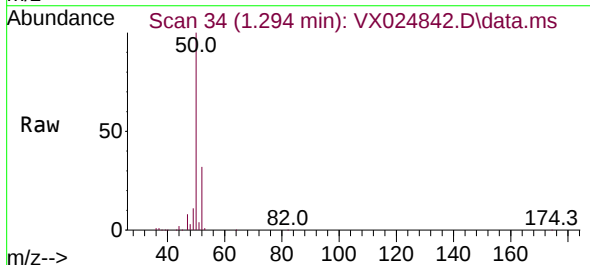
Instrument :
MSVOA_X
ClientSampleId :
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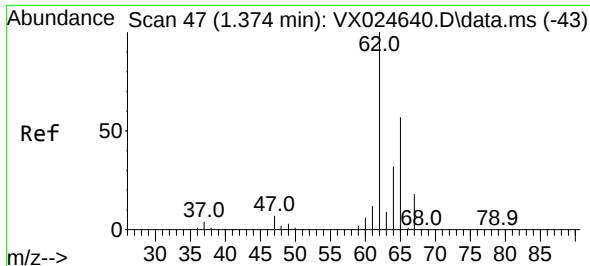
Tgt Ion: 85 Resp: 98906
Ion Ratio Lower Upper
85 100
87 31.9 25.9 38.9



#3
Chloromethane
Concen: 56.087 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 50 Resp: 105246
Ion Ratio Lower Upper
50 100
52 32.0 23.7 43.9

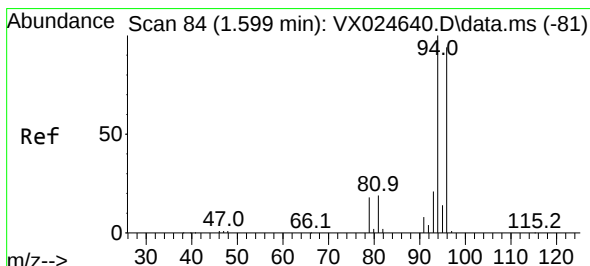
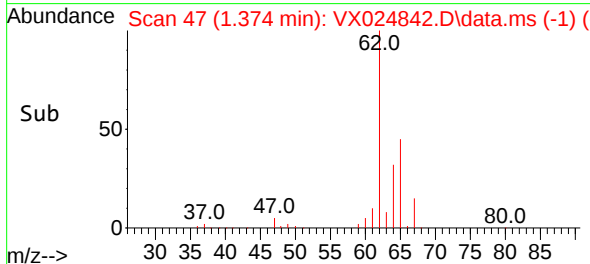
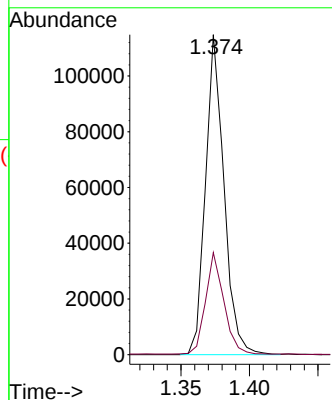
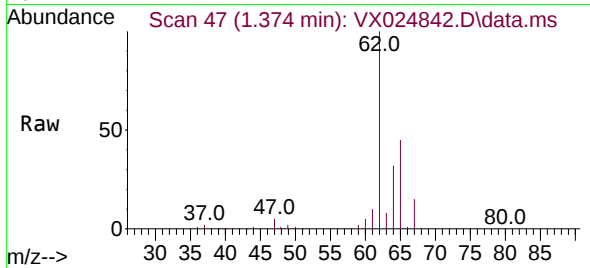




#5
 Vinyl chloride
 Concen: 57.001 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX024842.D
 Acq: 19 Oct 2021 12:34

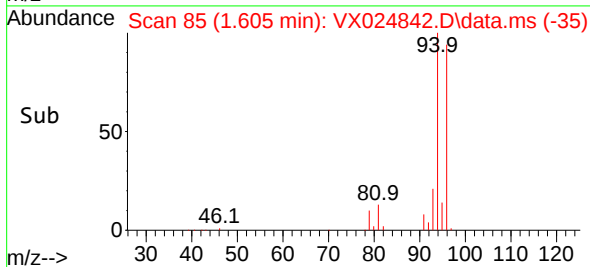
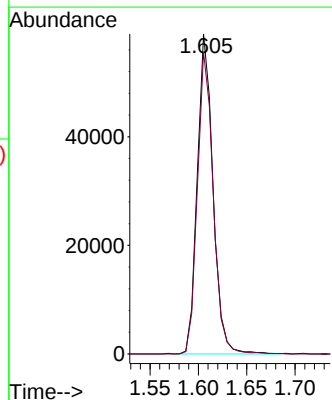
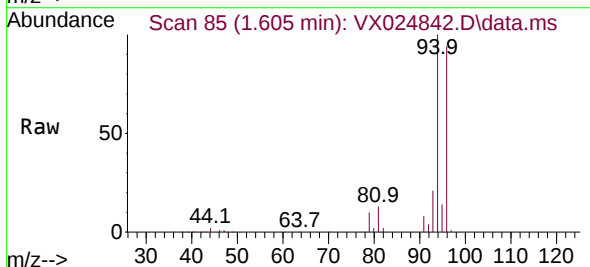
Instrument :
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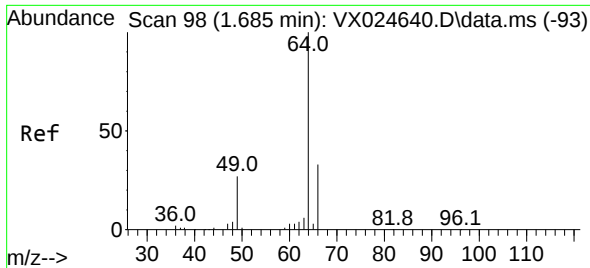
Tgt Ion: 62 Resp: 107912
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.7 42.3



#6
 Bromomethane
 Concen: 64.073 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.006 min
 Lab File: VX024842.D
 Acq: 19 Oct 2021 12:34

Tgt Ion: 94 Resp: 66936
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.3

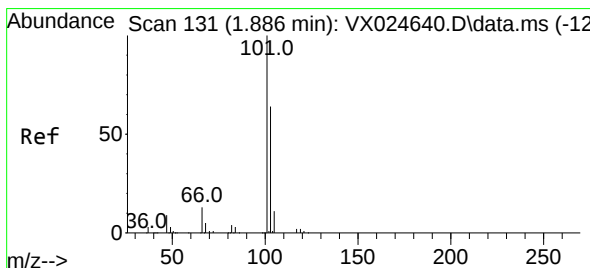
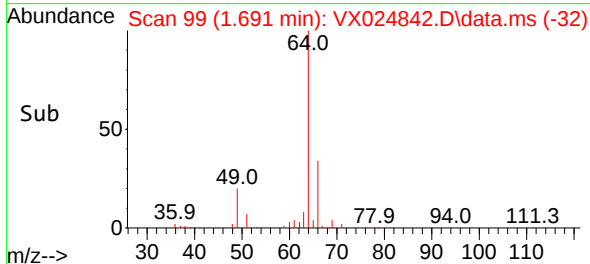
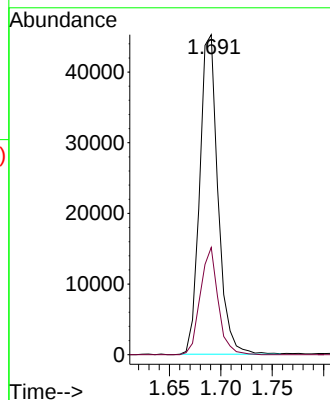
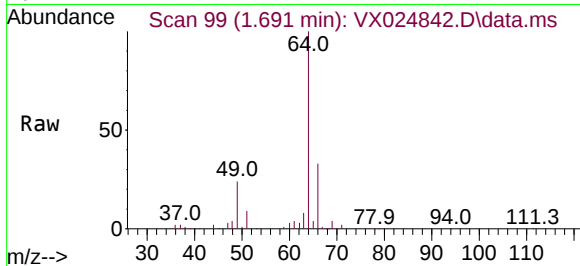




#8
Chloroethane
Concen: 56.772 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

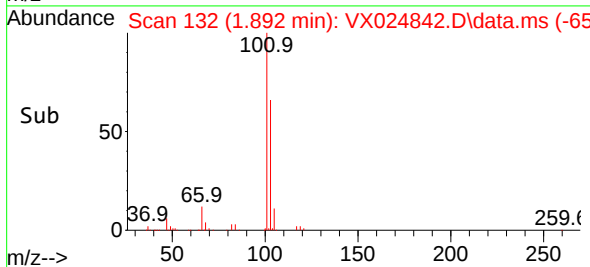
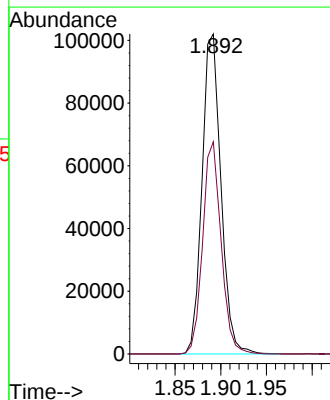
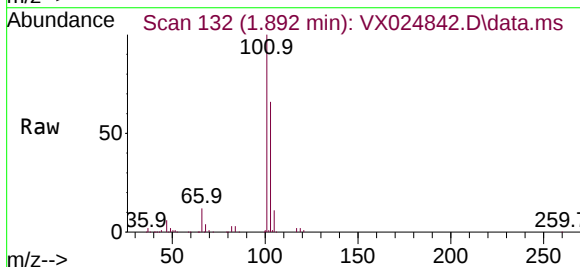
Instrument :
MSVOA_X
ClientSampleId :
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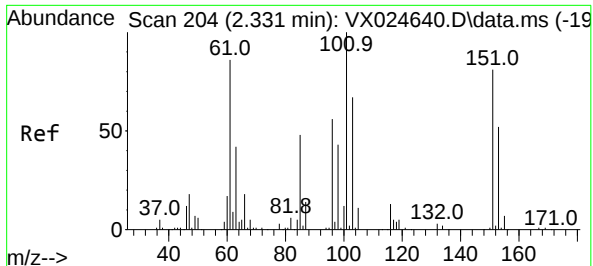
Tgt Ion: 64 Resp: 56109
Ion Ratio Lower Upper
64 100
66 33.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 54.897 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 101 Resp: 146484
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2





#10

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

Concen: 52.283 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX024842.D

Acq: 19 Oct 2021 12:34

Tgt Ion:101 Resp: 86825

Ion Ratio Lower Upper

101 100

85 43.0 34.3 51.5

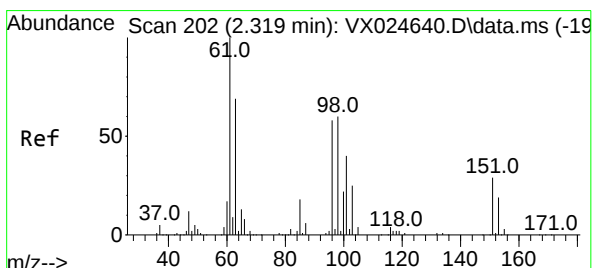
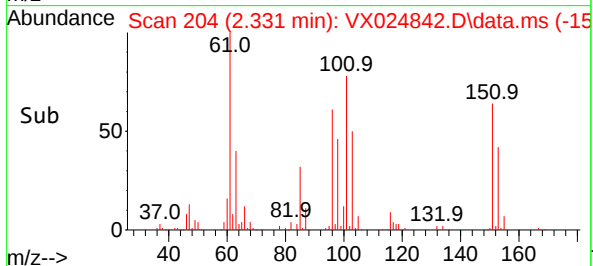
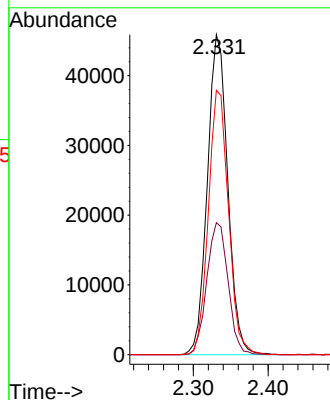
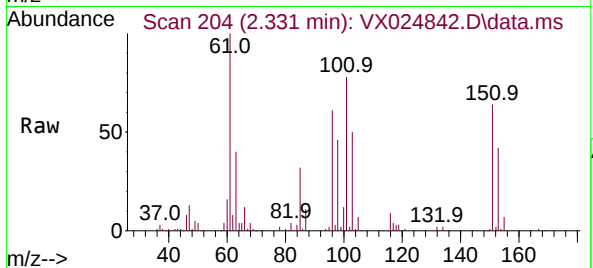
151 81.7 60.7 91.1

Instrument :

MSVOA_X

ClientSampleId :

VSTD050693



#12

1,1-Dichloroethene

Concen: 52.353 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024842.D

Acq: 19 Oct 2021 12:34

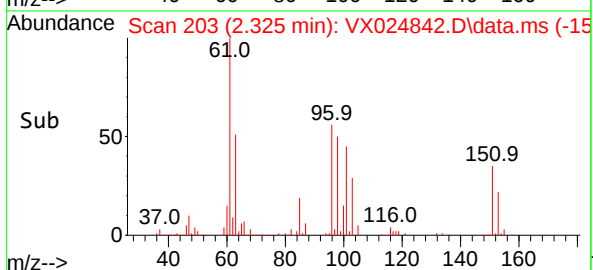
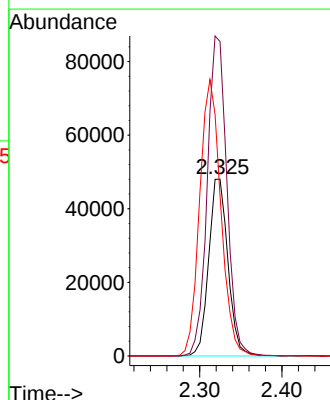
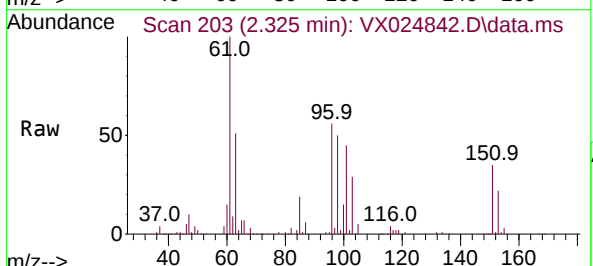
Tgt Ion: 96 Resp: 78176

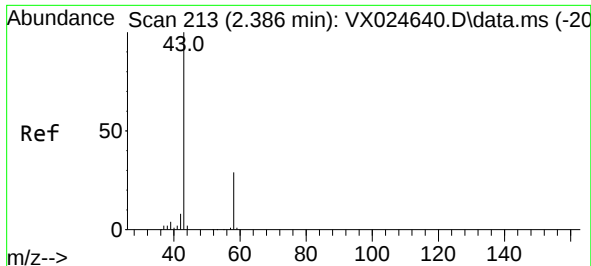
Ion Ratio Lower Upper

96 100

61 177.8 115.5 214.5

63 90.6 77.3 143.7

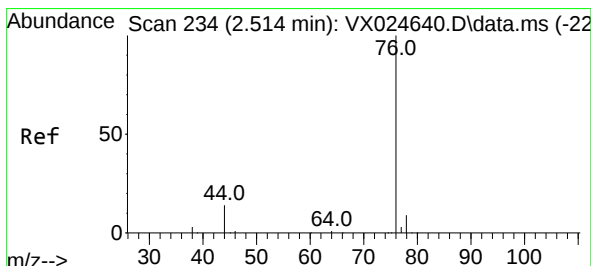
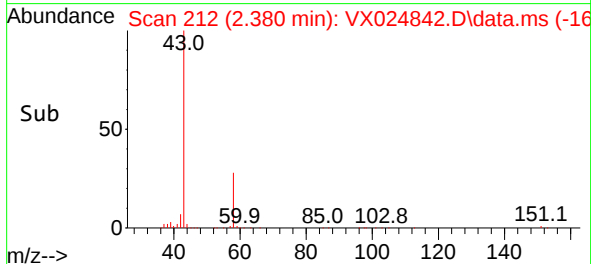
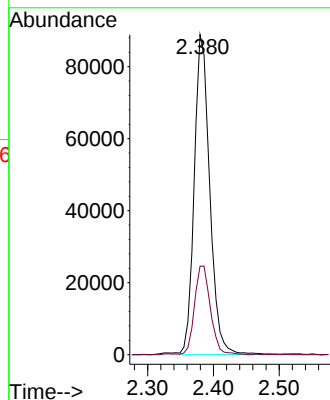
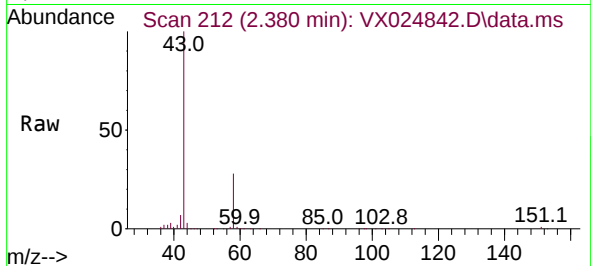




#13
Acetone
Concen: 111.015 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

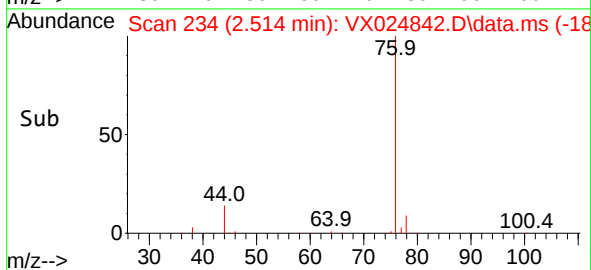
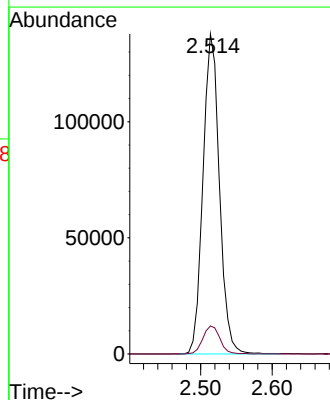
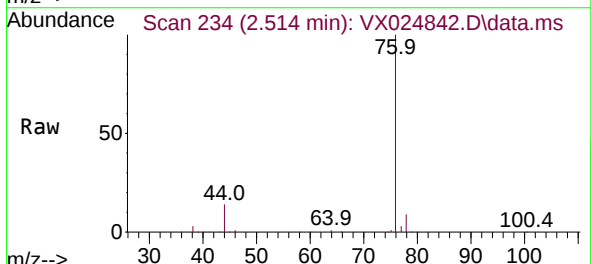
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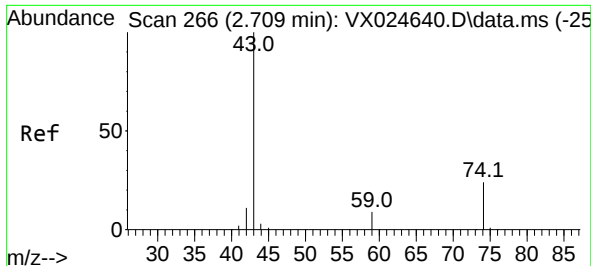
Tgt Ion: 43 Resp: 145223
Ion Ratio Lower Upper
43 100
58 28.4 0.0 68.2



#14
Carbon disulfide
Concen: 50.988 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 219822
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

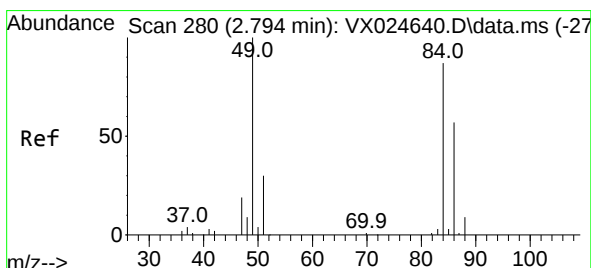
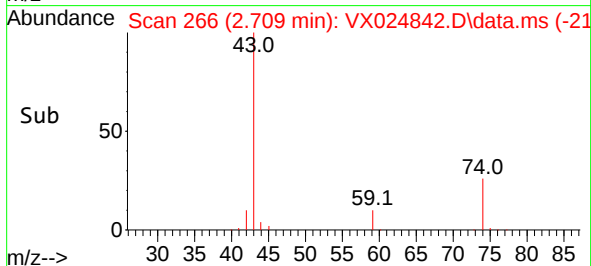
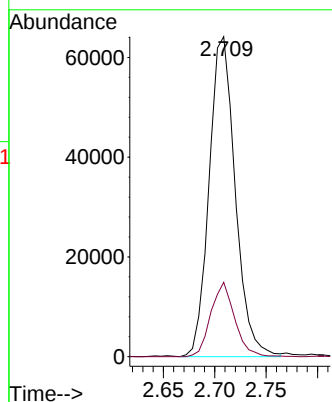
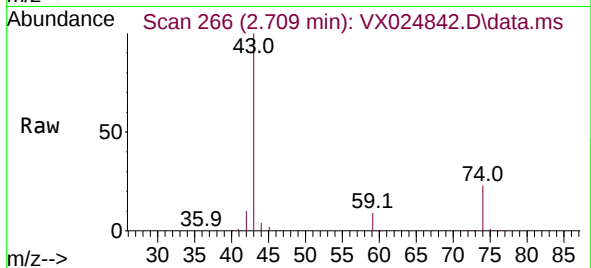




#15
Methyl Acetate
Concen: 54.413 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

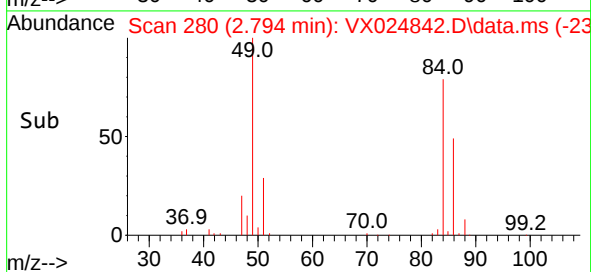
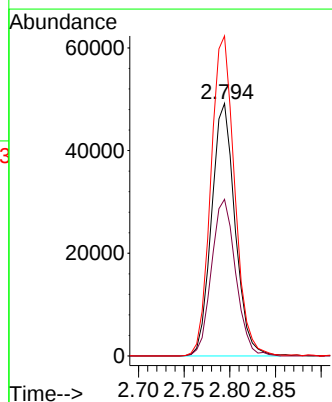
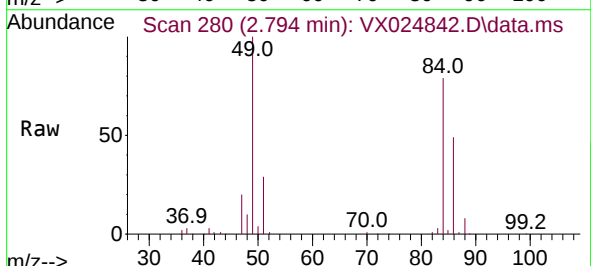
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

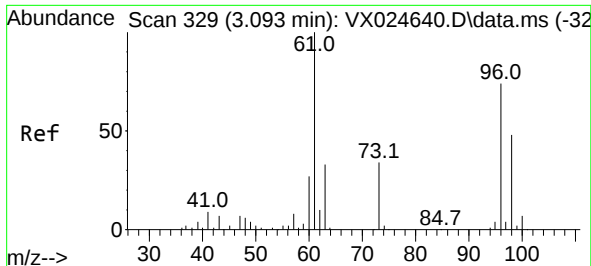
Tgt Ion: 43 Resp: 113407
Ion Ratio Lower Upper
43 100
74 21.3 21.7 32.5#



#16
Methylene chloride
Concen: 48.936 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 84 Resp: 87921
Ion Ratio Lower Upper
84 100
86 62.1 44.2 82.0
49 126.8 77.8 144.6

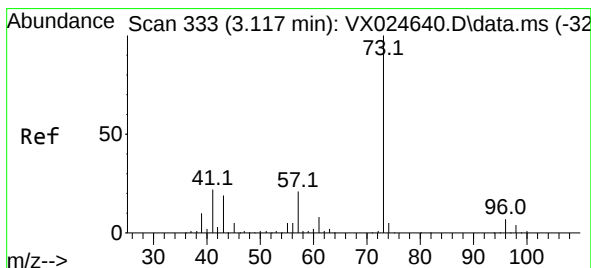
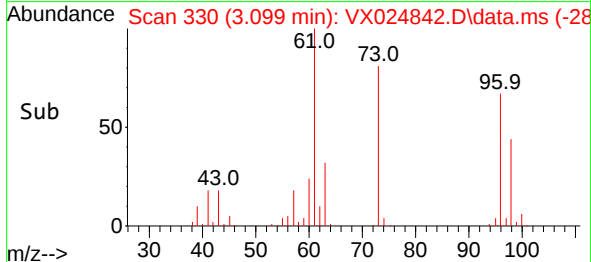
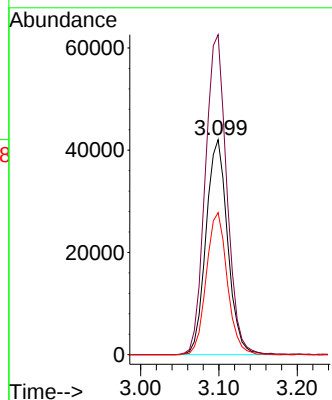
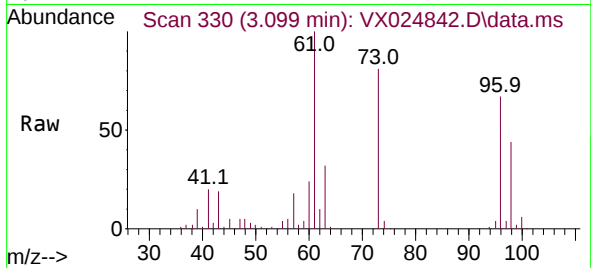




#17
trans-1,2-Dichloroethene
Concen: 47.736 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

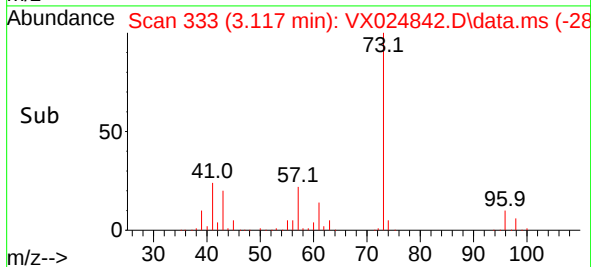
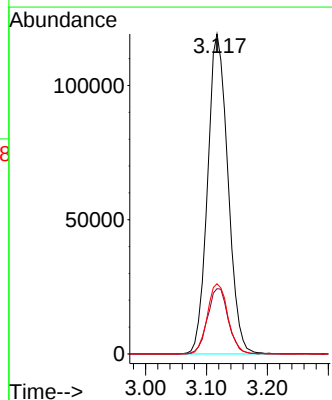
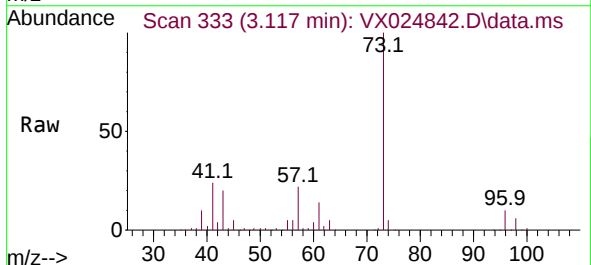
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

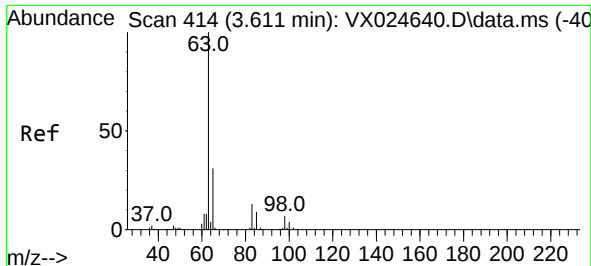
Tgt Ion: 96 Resp: 80819
Ion Ratio Lower Upper
96 100
61 148.8 92.3 171.3
98 66.1 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 49.623 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 73 Resp: 276325
Ion Ratio Lower Upper
73 100
43 20.9 15.1 22.7
57 22.2 17.4 26.2

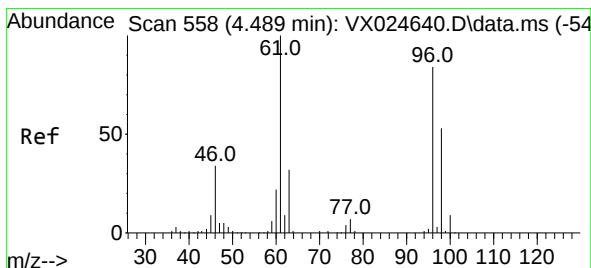
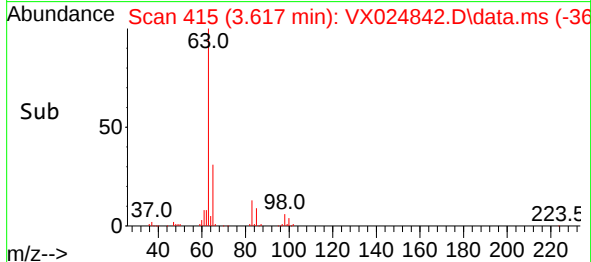
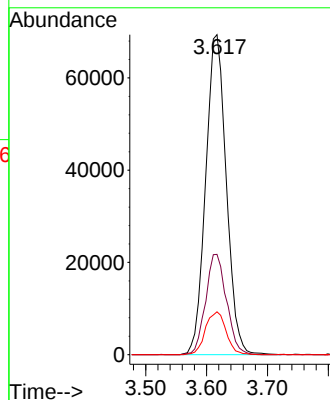
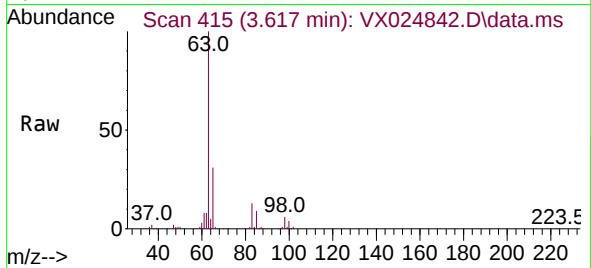




#19
1,1-Dichloroethane
Concen: 51.579 ug/L
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

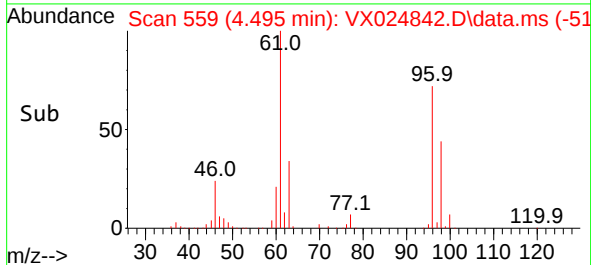
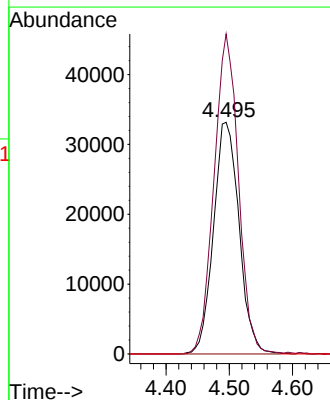
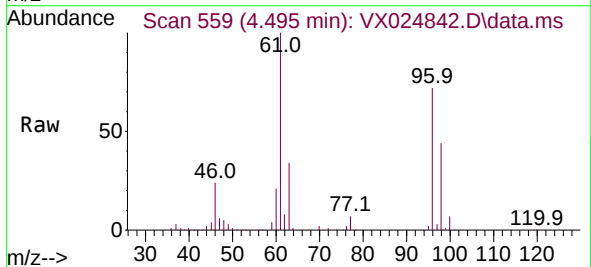
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

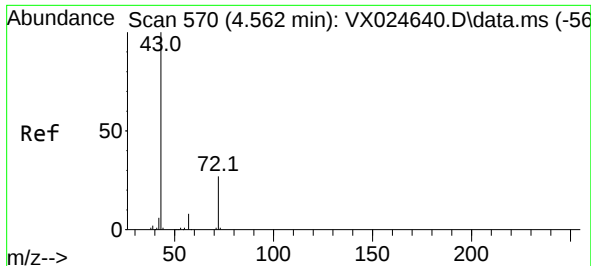
Tgt Ion: 63 Resp: 163160
Ion Ratio Lower Upper
63 100
65 31.3 22.4 41.6
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 48.668 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 96 Resp: 92995
Ion Ratio Lower Upper
96 100
61 138.1 87.8 163.0
68 0.0 0.0 0.0

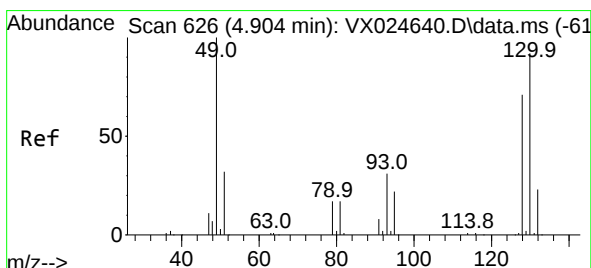
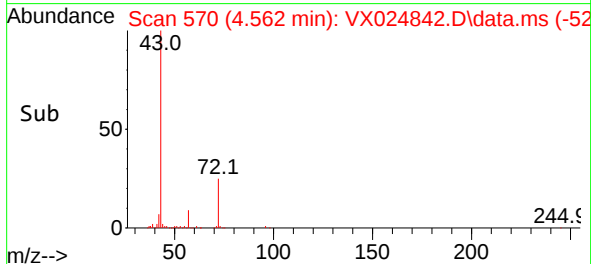
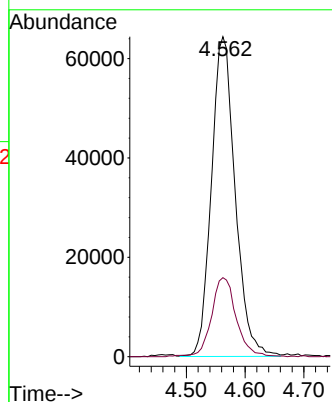
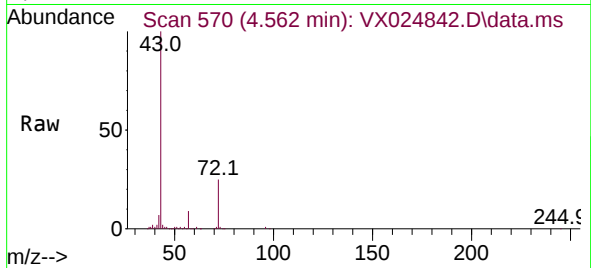




#22
2-Butanone
Concen: 104.435 ug/L
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

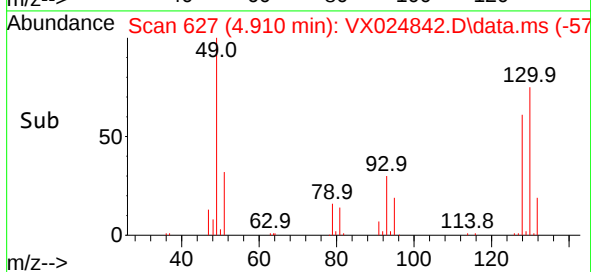
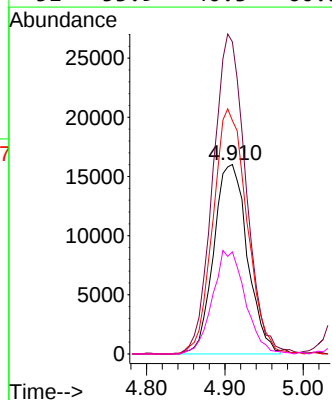
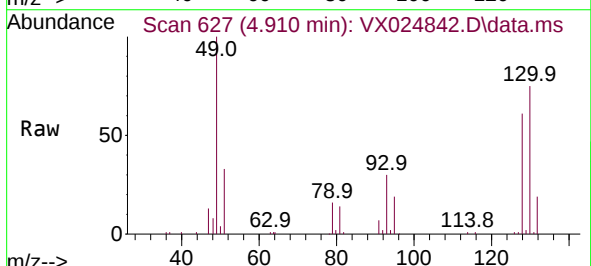
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

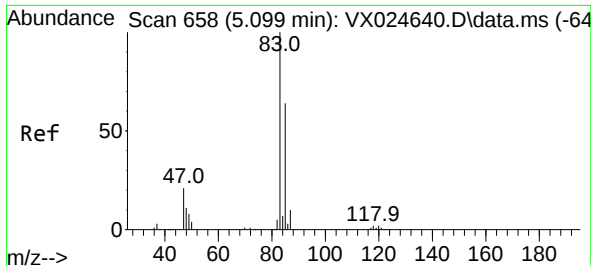
Tgt Ion: 43 Resp: 180849
Ion Ratio Lower Upper
43 100
72 25.5 15.3 45.8



#23
Bromochloromethane
Concen: 47.835 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 128 Resp: 47767
Ion Ratio Lower Upper
128 100
49 164.8 107.5 199.7
130 123.2 91.1 169.3
51 53.9 40.3 60.5

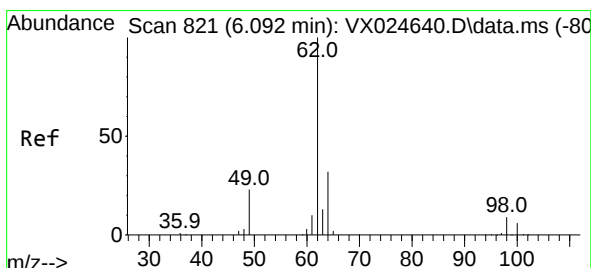
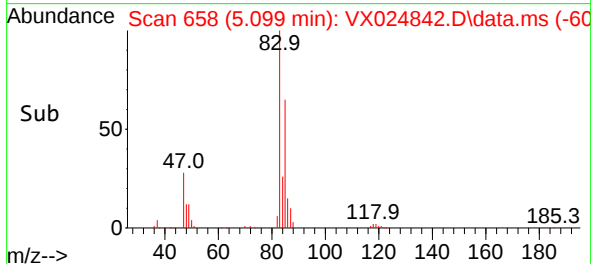
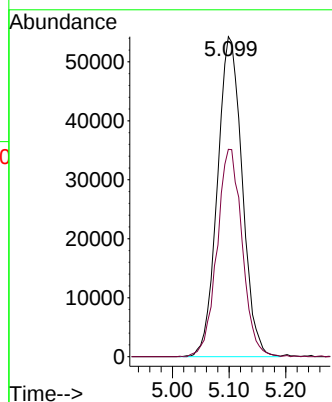
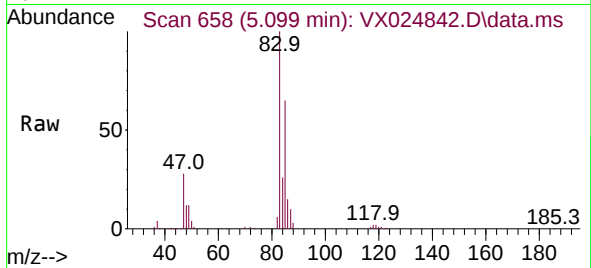




#25
Chloroform
Concen: 46.038 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

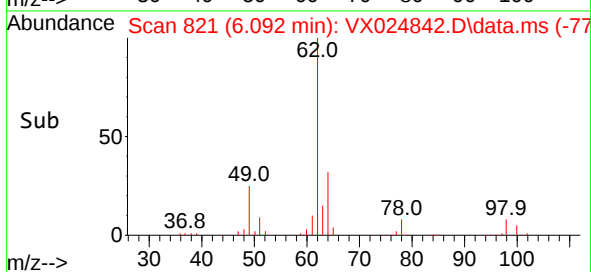
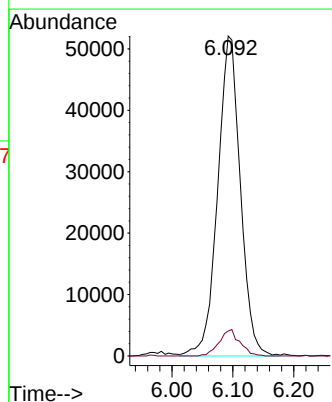
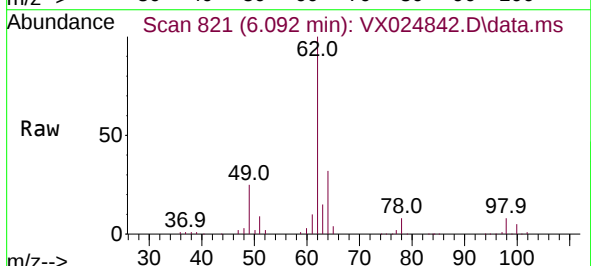
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

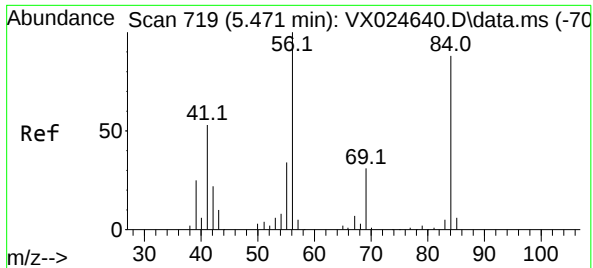
Tgt Ion: 83 Resp: 164665
Ion Ratio Lower Upper
83 100
85 64.8 46.3 85.9



#27
1,2-Dichloroethane
Concen: 48.539 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 62 Resp: 134700
Ion Ratio Lower Upper
62 100
98 7.8 7.9 11.9#

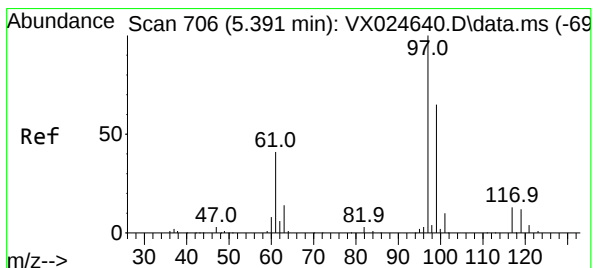
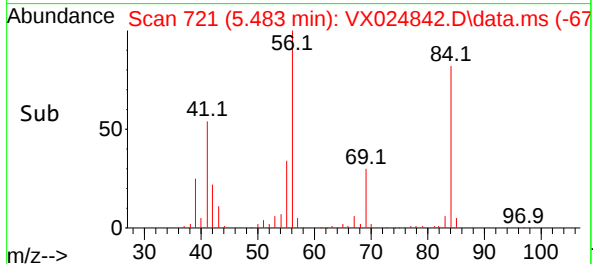
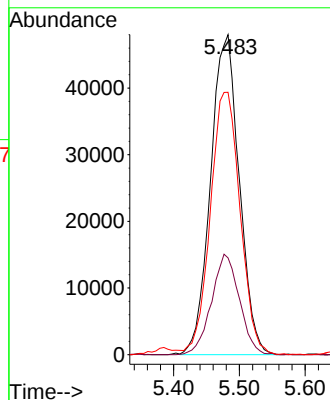
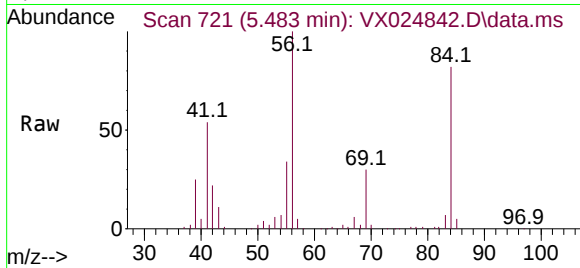




#29
Cyclohexane
Concen: 49.516 ug/L
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

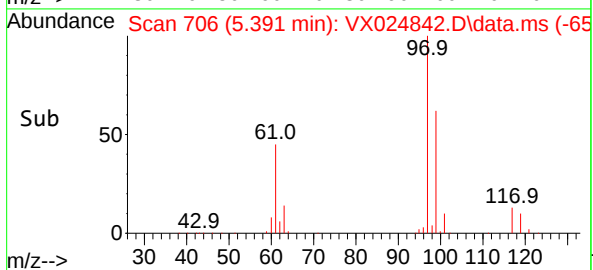
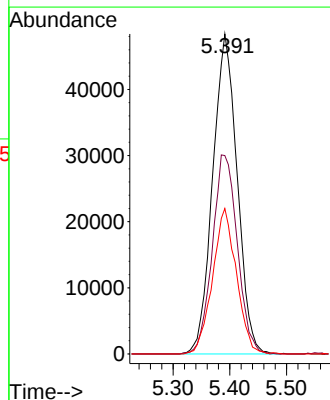
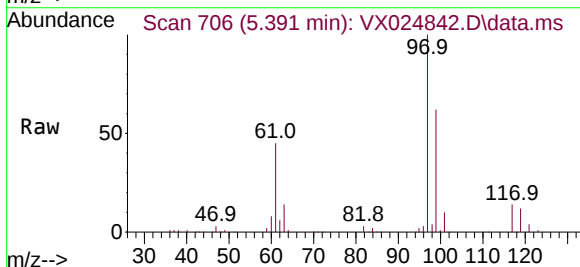
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

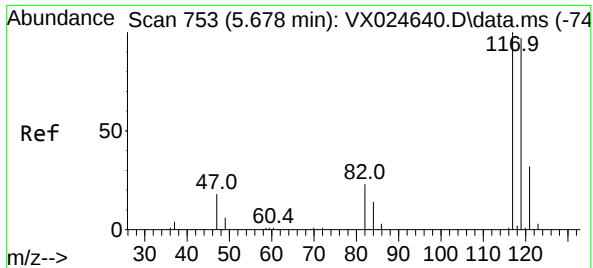
Tgt Ion:	56	Resp:	145716
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.7	38.5
84	84.8	72.4	108.6



#30
1,1,1-Trichloroethane
Concen: 46.566 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:	97	Resp:	144779
Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.1	78.1
61	44.4	35.3	52.9

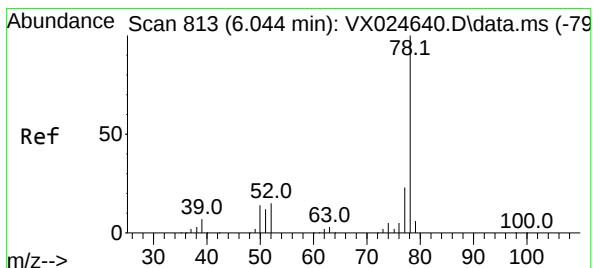
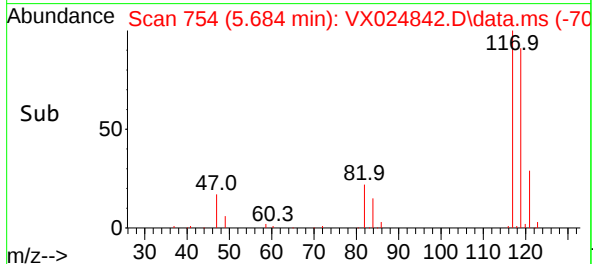
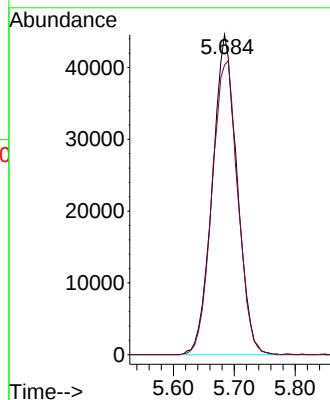
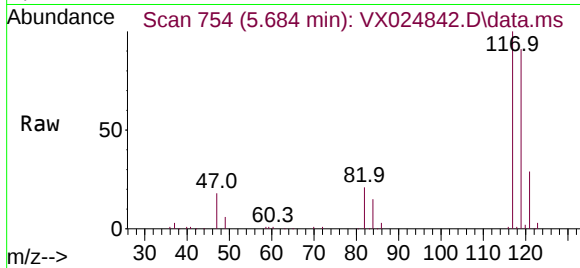




#31
Carbon tetrachloride
Concen: 45.995 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

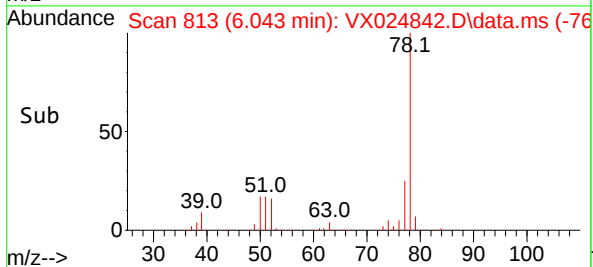
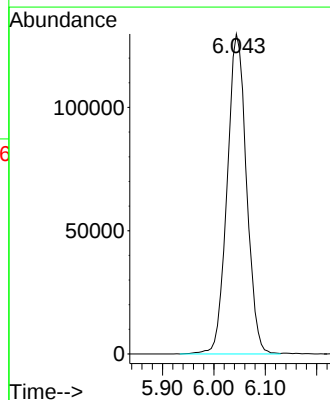
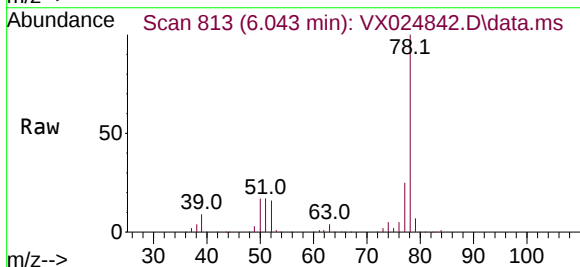
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

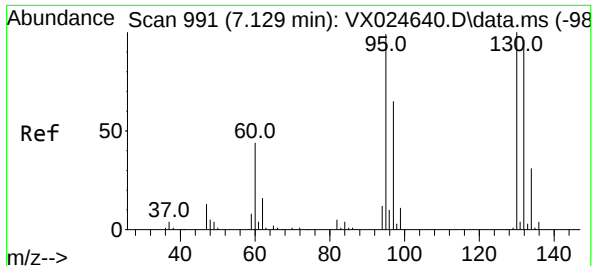
Tgt Ion:117 Resp: 125462
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 46.382 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 78 Resp: 339811

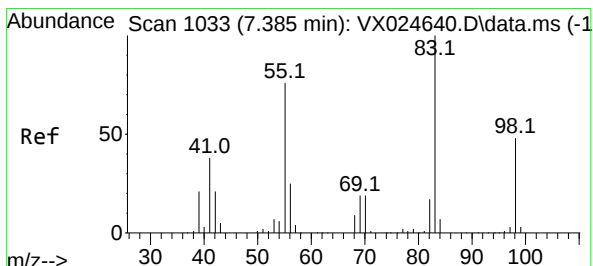
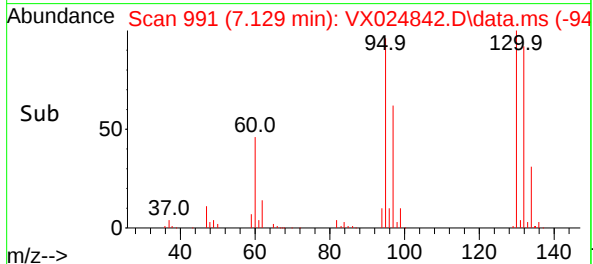
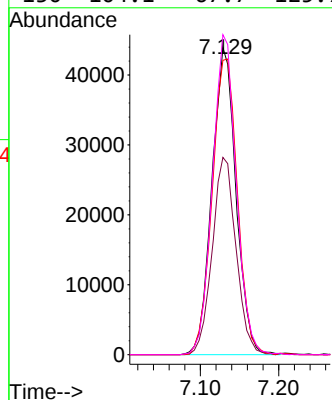
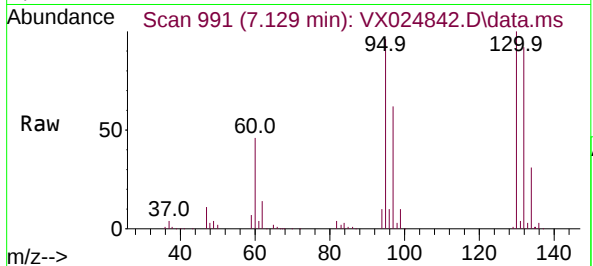




#34
Trichloroethene
Concen: 46.466 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

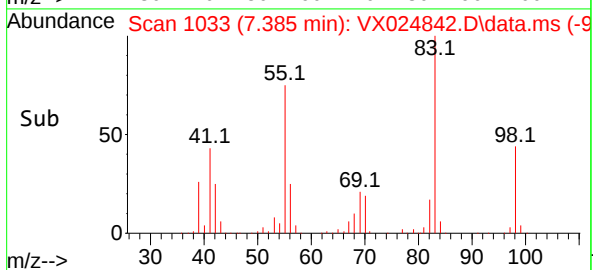
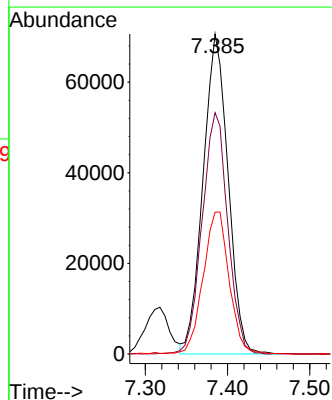
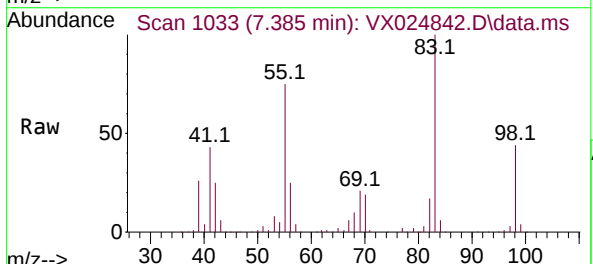
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

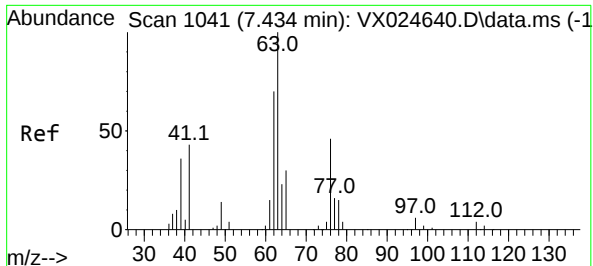
Tgt Ion:	95	Resp:	93702
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.5	82.7
132	95.8	65.2	121.0
130	104.1	67.7	125.7



#35
Methylcyclohexane
Concen: 46.587 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:	83	Resp:	149352
Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.2	91.8
98	46.0	38.7	58.1



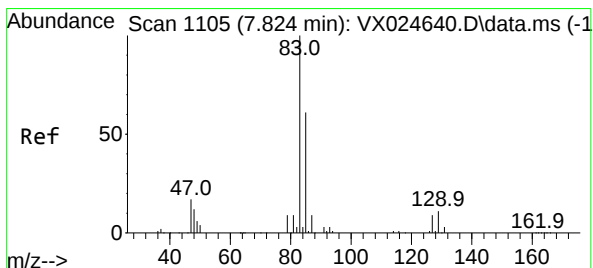
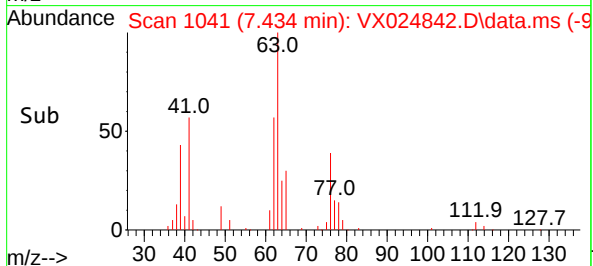
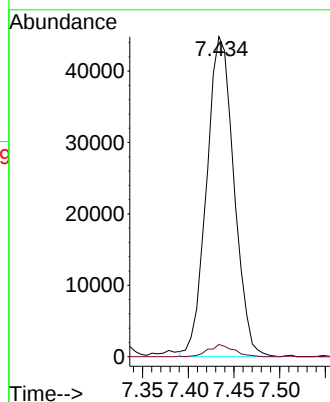
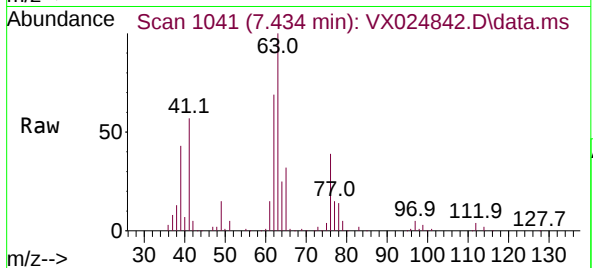


#37

1,2-Dichloropropane
Concen: 48.393 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

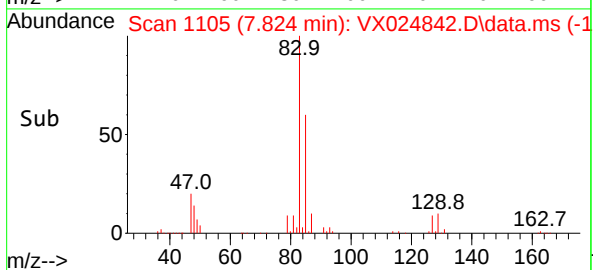
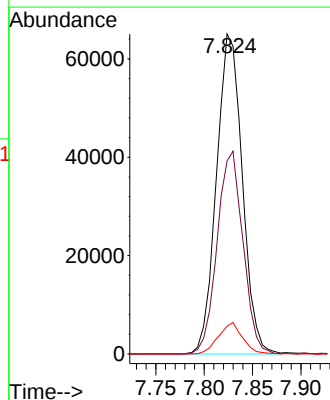
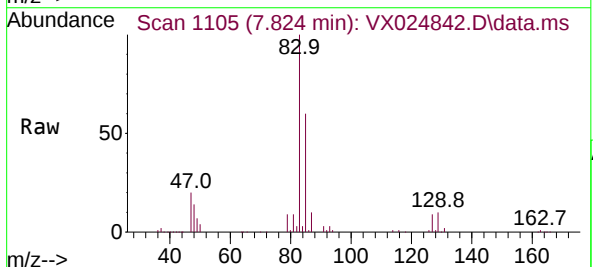
Tgt Ion: 63 Resp: 93374
Ion Ratio Lower Upper
63 100
112 3.5 3.6 5.4#

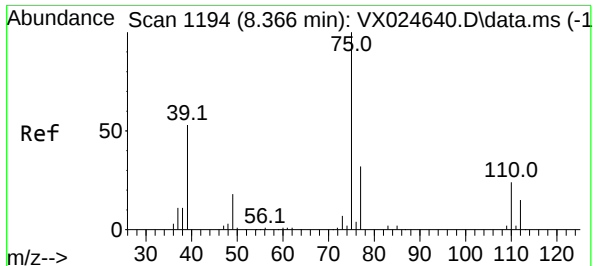


#38

Bromodichloromethane
Concen: 49.008 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 83 Resp: 120797
Ion Ratio Lower Upper
83 100
85 60.3 45.1 83.7
127 8.7 6.6 10.0

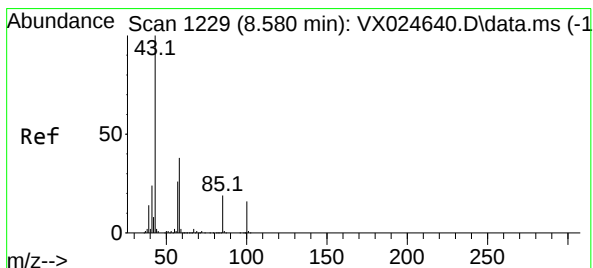
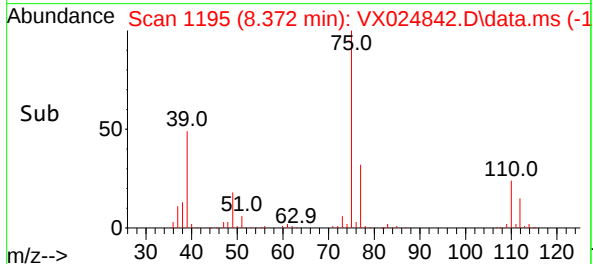
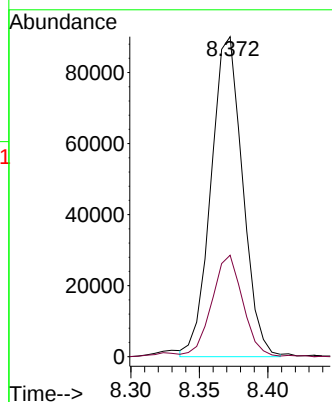
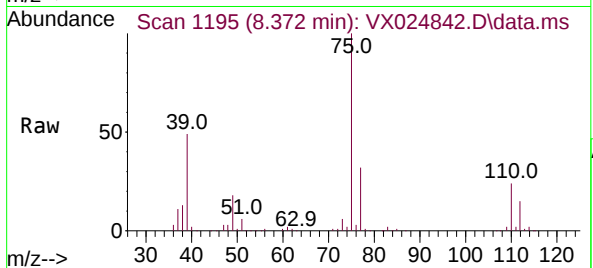




#39
 cis-1,3-Dichloropropene
 Concen: 49.955 ug/L
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX024842.D
 Acq: 19 Oct 2021 12:34

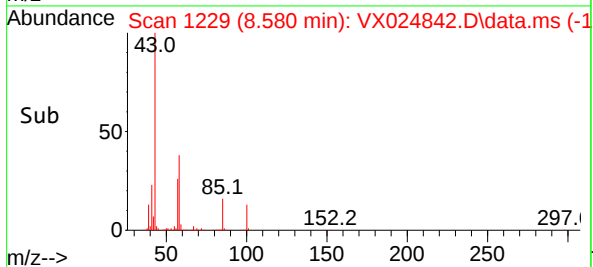
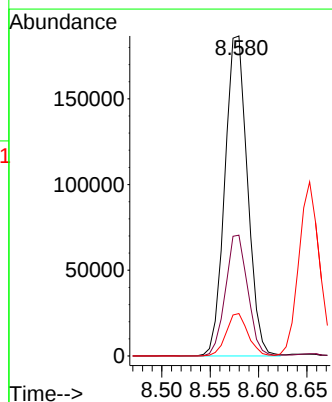
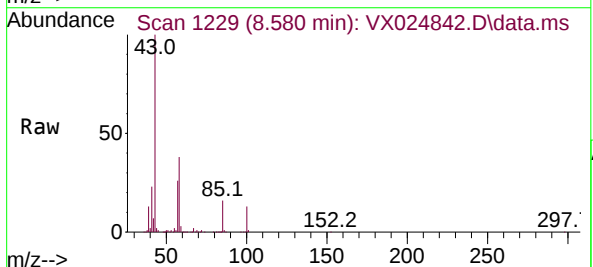
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050693

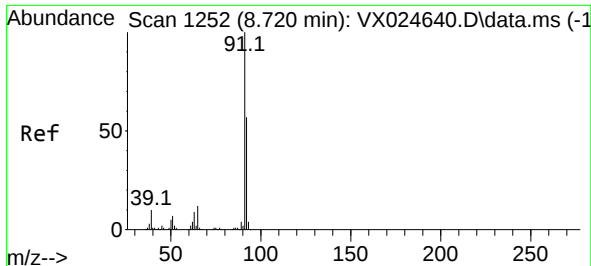
Tgt Ion: 75 Resp: 144526
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 103.242 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX024842.D
 Acq: 19 Oct 2021 12:34

Tgt Ion: 43 Resp: 303125
 Ion Ratio Lower Upper
 43 100
 58 37.3 35.0 52.4
 100 12.8 14.2 21.4#

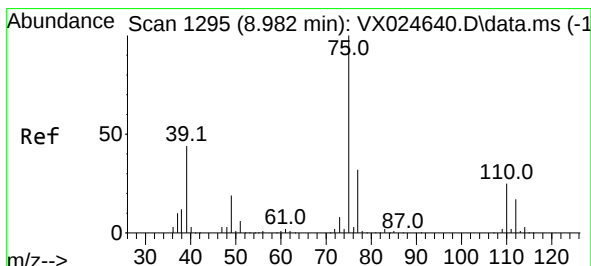
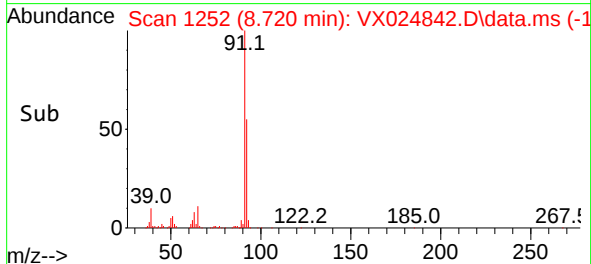
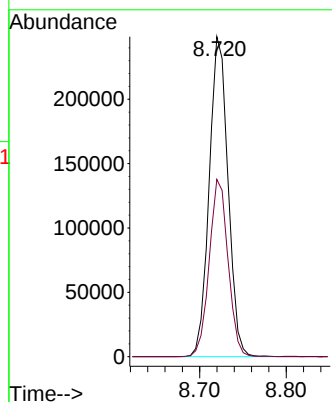
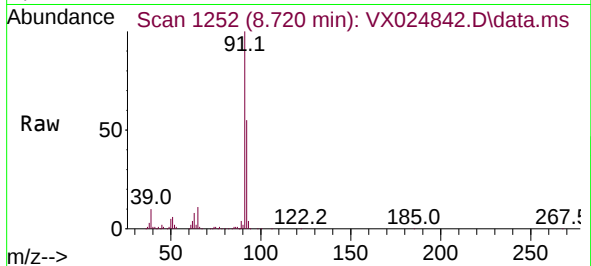




#42
Toluene
Concen: 45.781 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

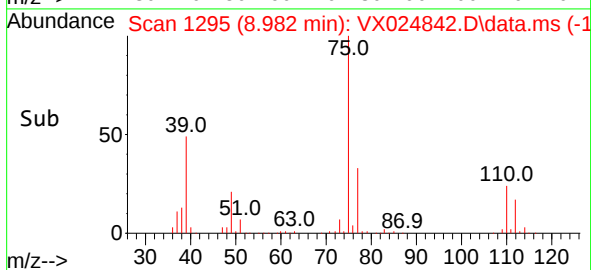
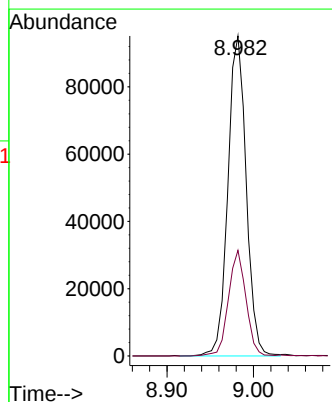
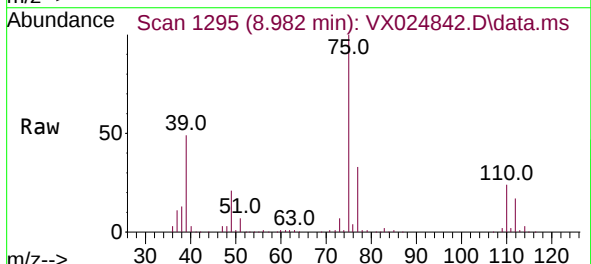
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

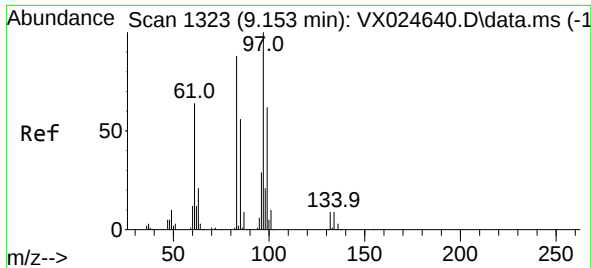
Tgt Ion: 91 Resp: 374372
Ion Ratio Lower Upper
91 100
92 55.4 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 49.423 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 75 Resp: 139654
Ion Ratio Lower Upper
75 100
77 33.0 22.4 41.6

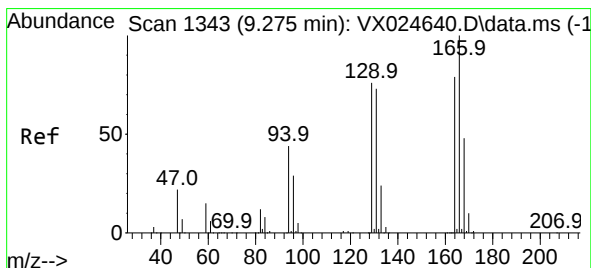
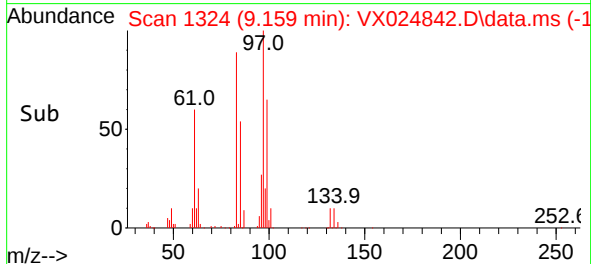
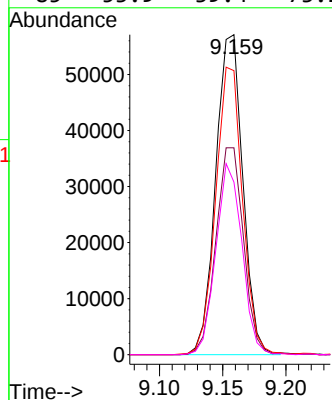
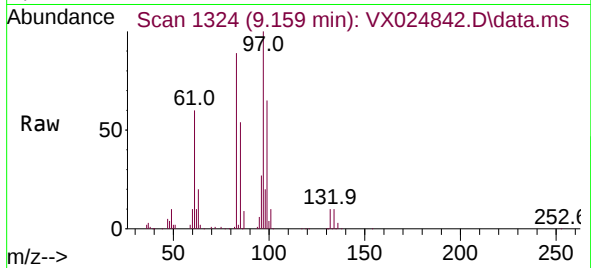




#45
1,1,2-Trichloroethane
Concen: 45.358 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

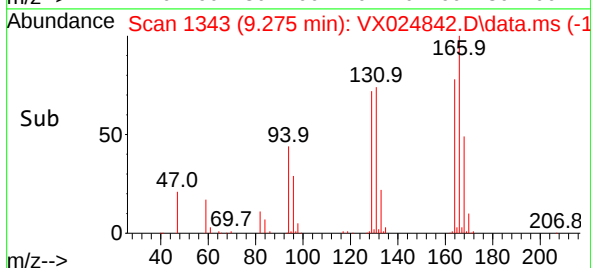
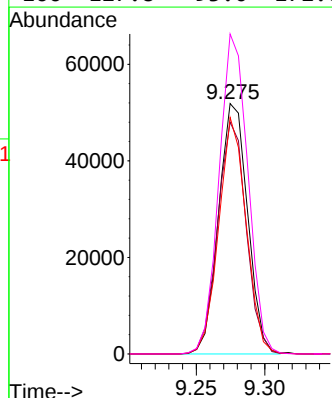
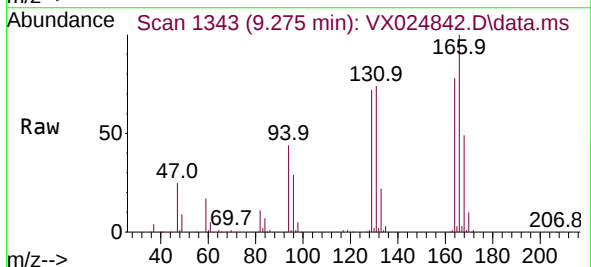
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

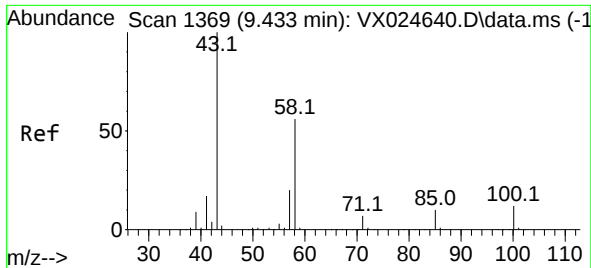
Tgt Ion:	97	Resp:	85094
Ion	Ratio	Lower	Upper
97	100		
99	64.7	44.0	81.6
83	88.7	60.8	113.0
85	53.9	39.4	73.2



#46
Tetrachloroethene
Concen: 48.590 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:	164	Resp:	76378
Ion	Ratio	Lower	Upper
164	100		
129	92.6	65.6	121.8
131	94.4	63.7	118.3
166	127.8	93.0	172.6

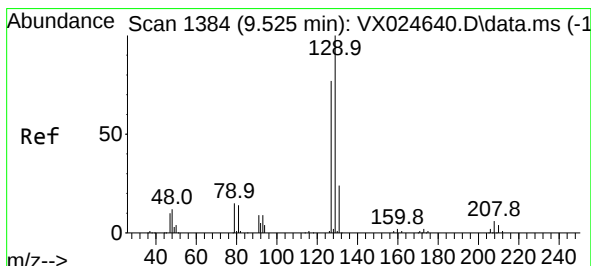
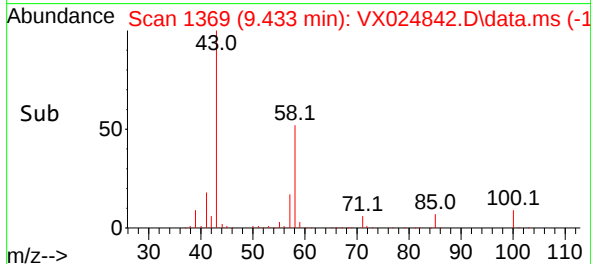
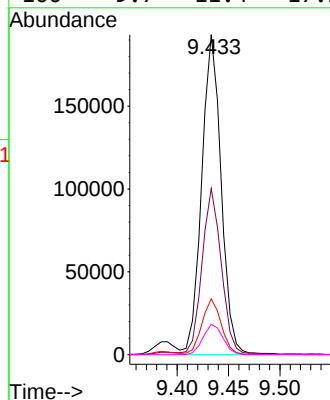
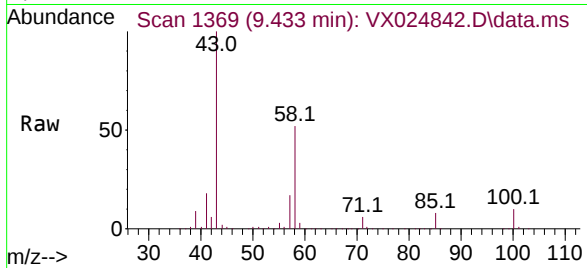




#48
2-Hexanone
Concen: 106.474 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

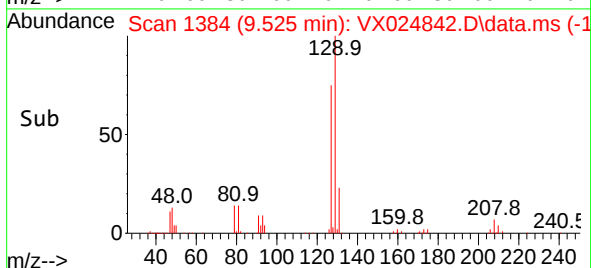
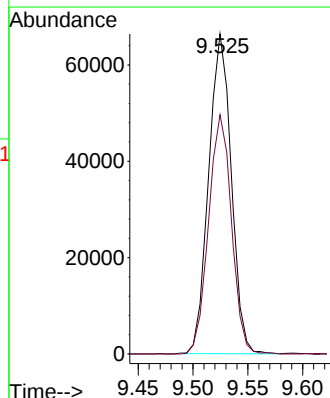
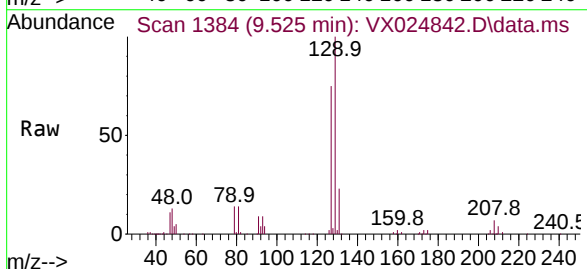
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

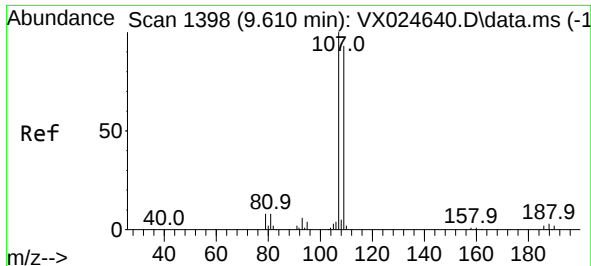
Tgt Ion:	43	Resp:	255012
Ion	Ratio	Lower	Upper
43	100		
58	51.6	50.1	75.1
57	17.3	17.3	25.9
100	9.7	11.4	17.2#



#49
Dibromochloromethane
Concen: 48.819 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:	129	Resp:	95244
Ion	Ratio	Lower	Upper
129	100		
127	74.7	52.5	97.5

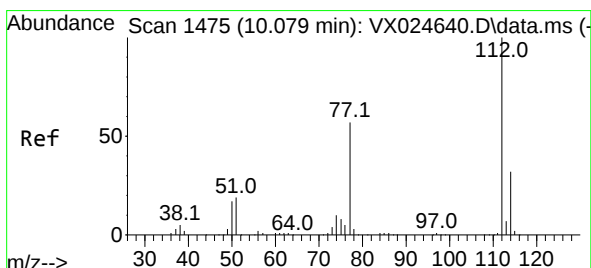
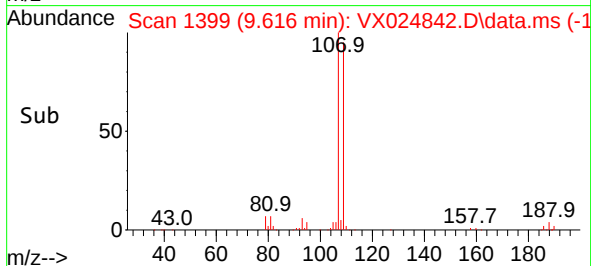
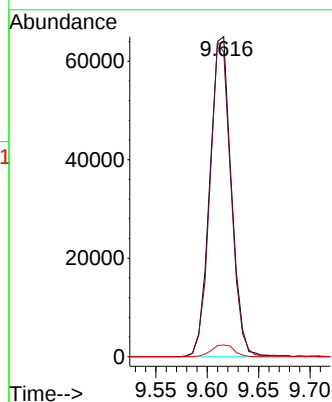
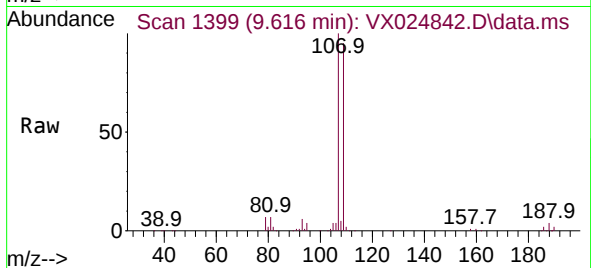




#50
1,2-Dibromoethane
Concen: 46.488 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

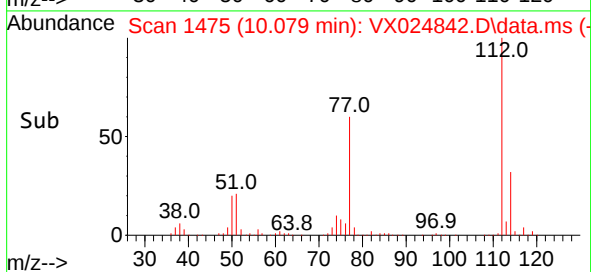
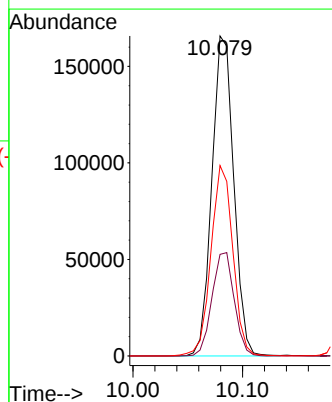
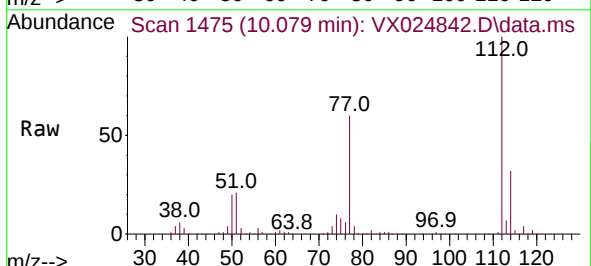
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

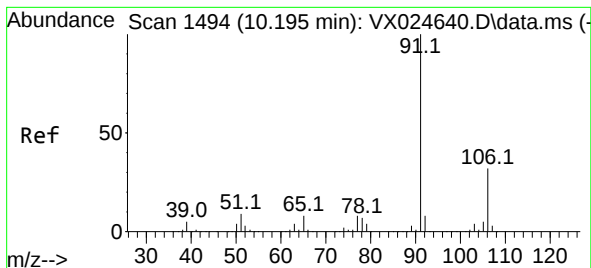
Tgt Ion:107 Resp: 94189
Ion Ratio Lower Upper
107 100
109 95.2 66.4 123.4
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 46.647 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:112 Resp: 229906
Ion Ratio Lower Upper
112 100
114 31.7 23.2 43.2
77 59.5 48.4 72.6

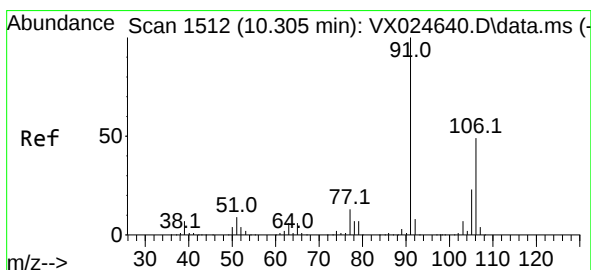
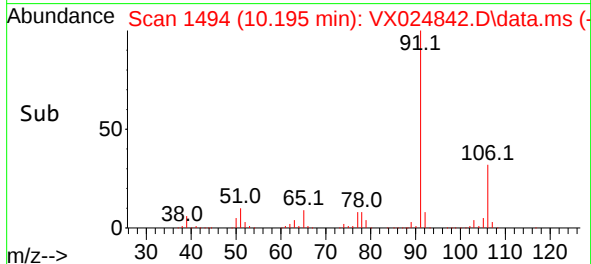
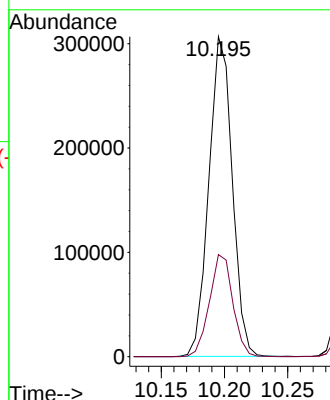
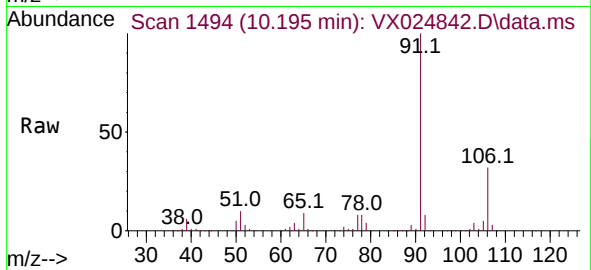




#52
Ethylbenzene
Concen: 46.730 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

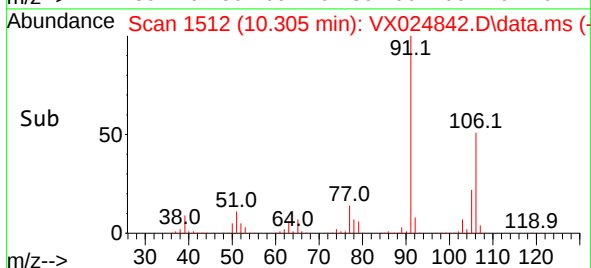
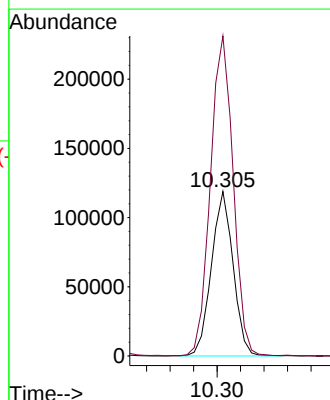
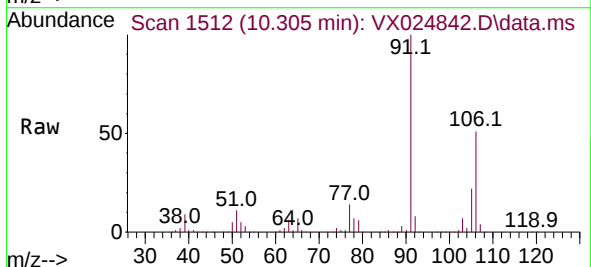
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

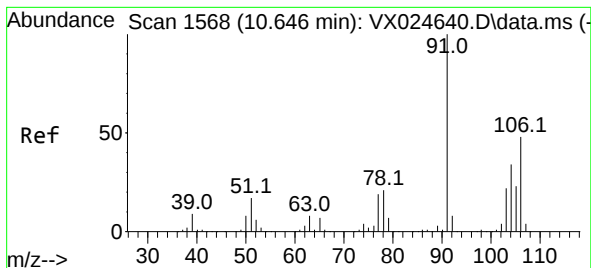
Tgt Ion: 91 Resp: 393460
Ion Ratio Lower Upper
91 100
106 31.9 21.0 39.0



#53
m,p-Xylene
Concen: 46.327 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 106 Resp: 152395
Ion Ratio Lower Upper
106 100
91 194.6 142.5 264.6





#54

o-Xylene

Concen: 46.218 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX024842.D

Acq: 19 Oct 2021 12:34

Tgt Ion:106 Resp: 151859

Ion Ratio Lower Upper

106 100

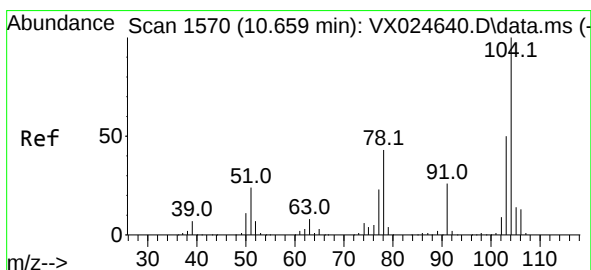
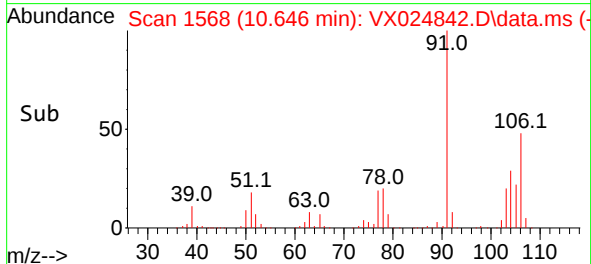
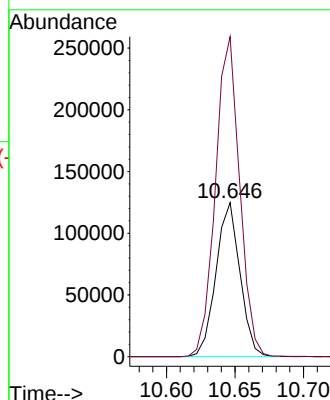
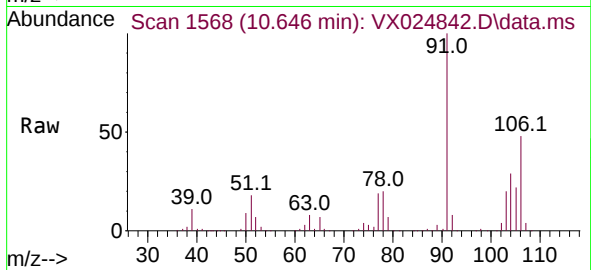
91 207.7 156.2 290.0

Instrument :

MSVOA_X

ClientSampleId :

VSTD050693



#55

Styrene

Concen: 45.364 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX024842.D

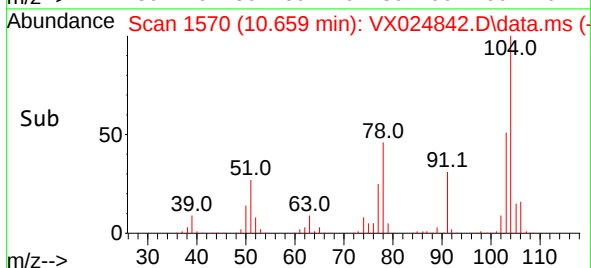
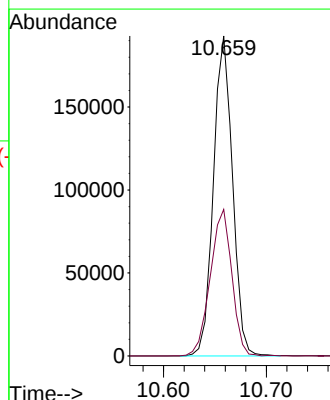
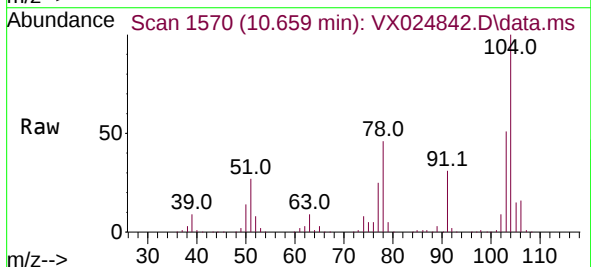
Acq: 19 Oct 2021 12:34

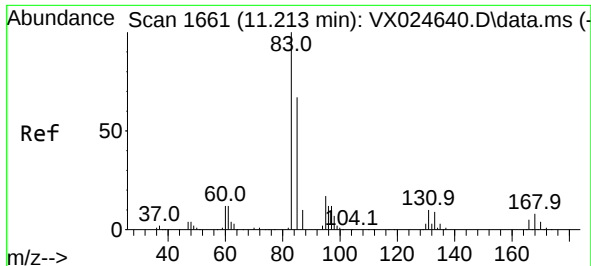
Tgt Ion:104 Resp: 248793

Ion Ratio Lower Upper

104 100

78 45.8 30.0 55.6

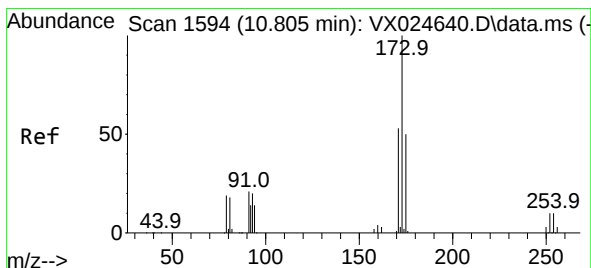
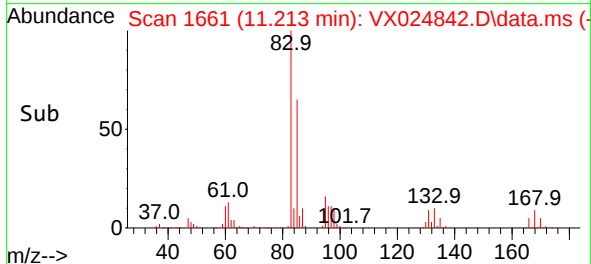
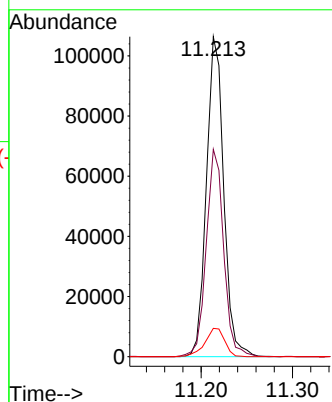
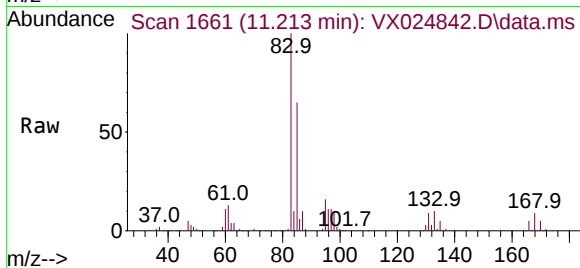




#57
1,1,2,2-Tetrachloroethane
Concen: 46.998 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

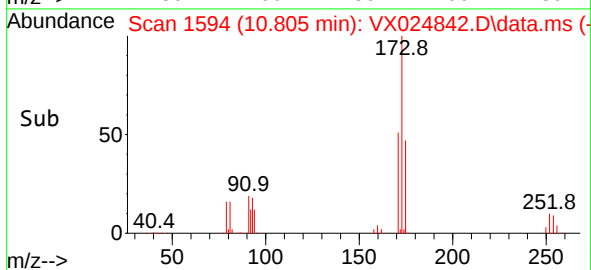
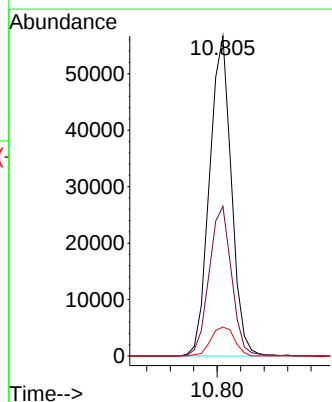
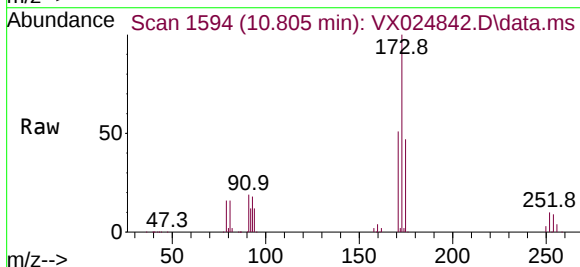
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

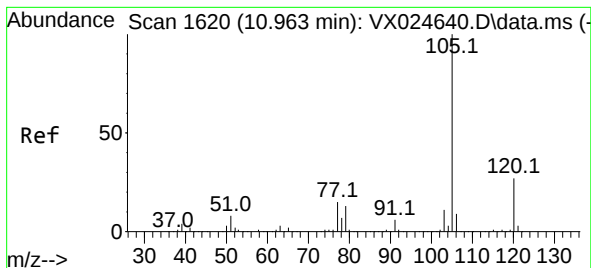
Tgt Ion: 83 Resp: 139357
Ion Ratio Lower Upper
83 100
85 64.8 44.7 82.9
131 8.9 7.8 11.8



#59
Bromoform
Concen: 51.175 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 173 Resp: 73156
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.2
254 9.9 8.6 13.0

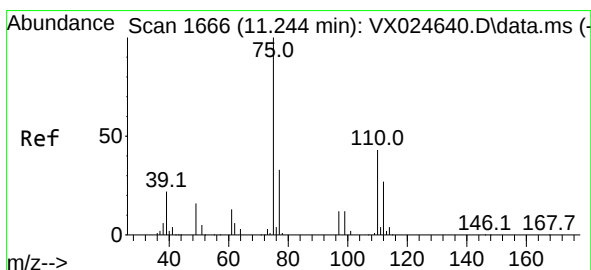
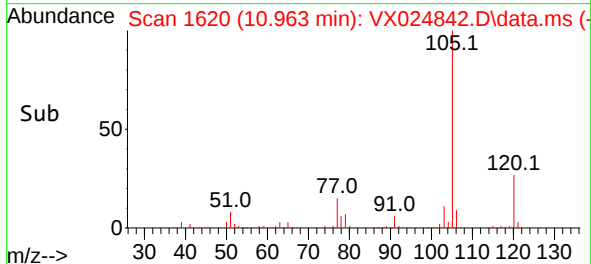
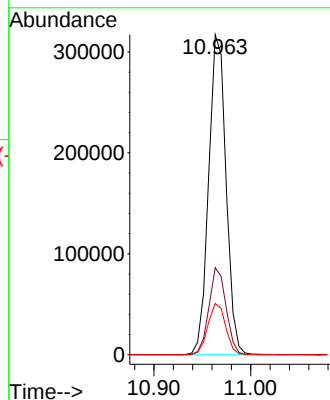
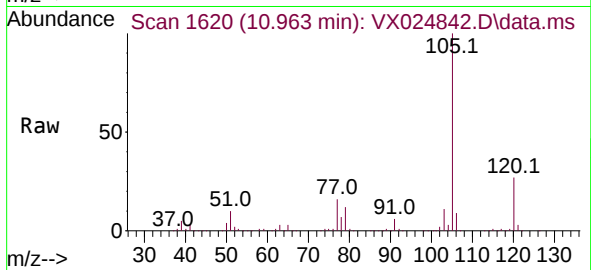




#60
Isopropylbenzene
Concen: 45.543 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

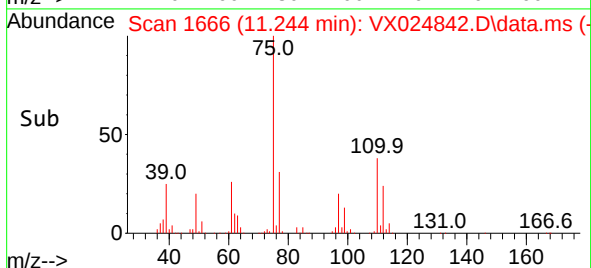
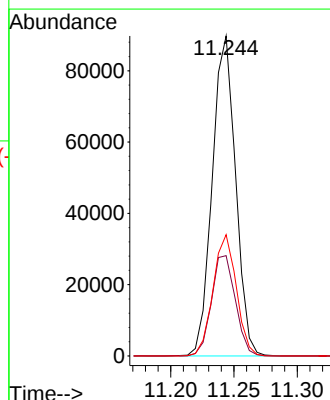
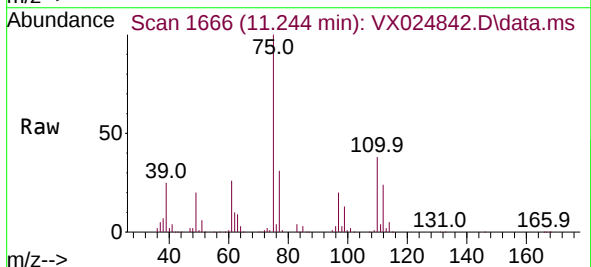
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

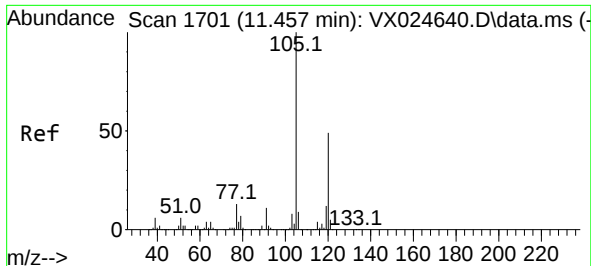
Tgt Ion:105 Resp: 396230
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 16.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 44.423 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 75 Resp: 115197
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 37.7 31.8 47.8

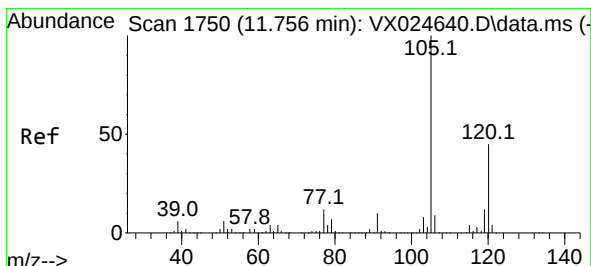
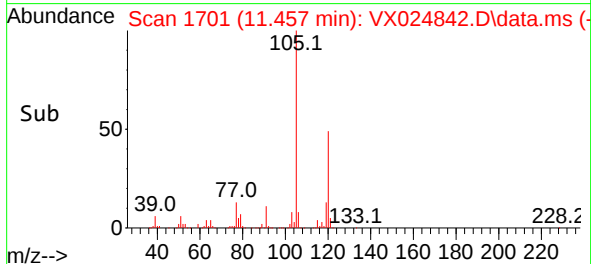
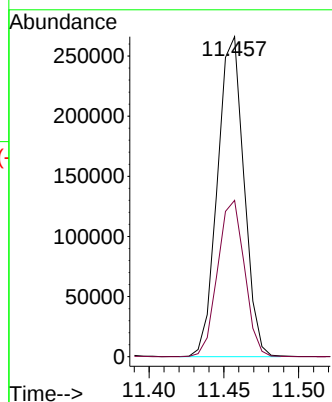
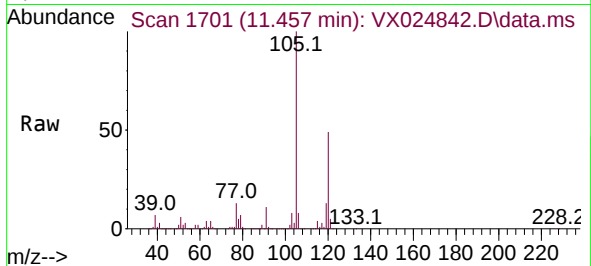




#62
1,3,5-Trimethylbenzene
Concen: 42.951 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

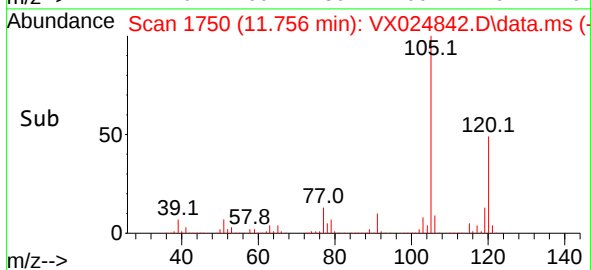
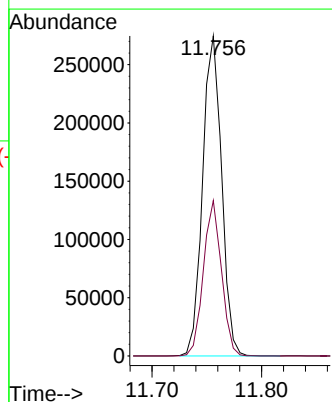
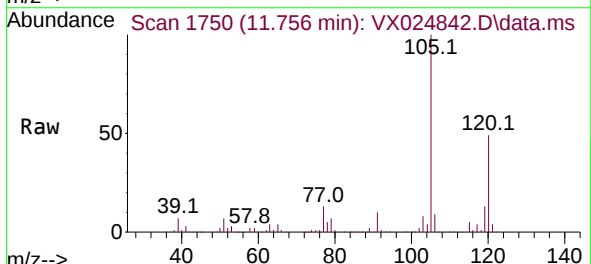
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

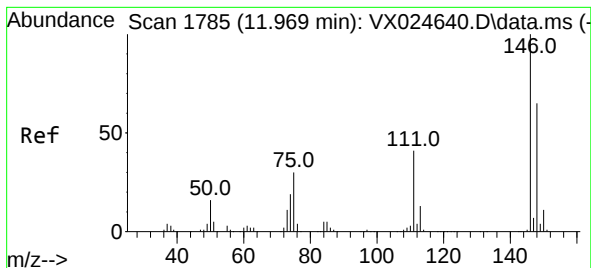
Tgt Ion:105 Resp: 328212
Ion Ratio Lower Upper
105 100
120 49.4 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 44.167 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:105 Resp: 329931
Ion Ratio Lower Upper
105 100
120 46.2 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 45.477 ug/L

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX024842.D

Acq: 19 Oct 2021 12:34

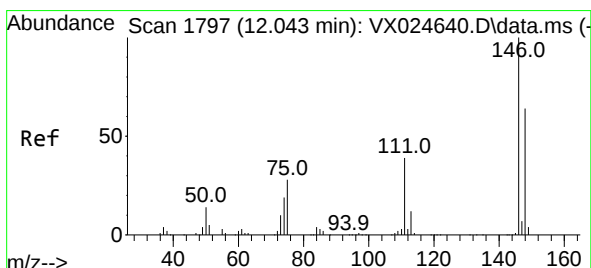
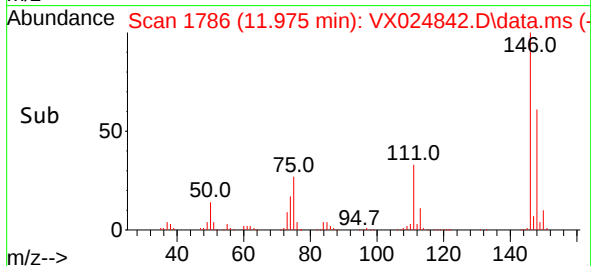
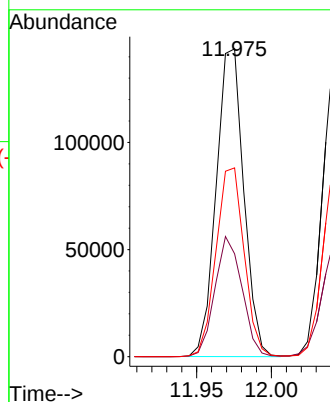
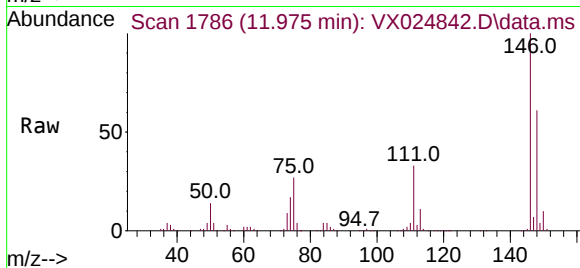
Tgt Ion:146 Resp: 184512

Ion Ratio Lower Upper

146 100

111 33.4 28.9 53.7

148 61.3 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 45.694 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX024842.D

Acq: 19 Oct 2021 12:34

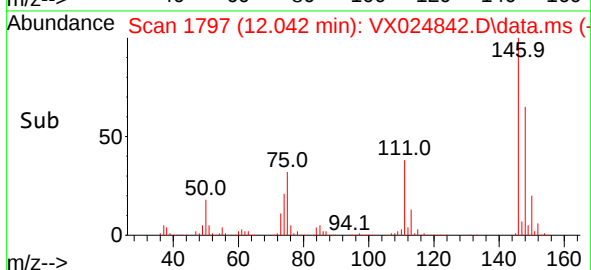
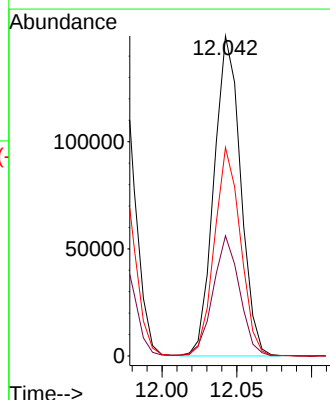
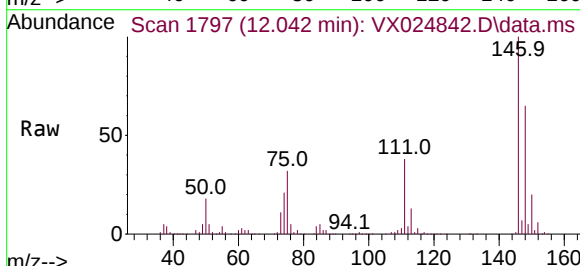
Tgt Ion:146 Resp: 185188

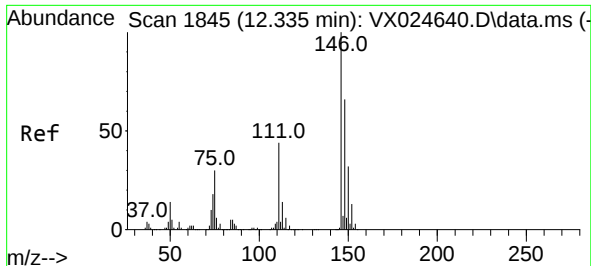
Ion Ratio Lower Upper

146 100

111 37.5 28.7 53.3

148 65.1 45.8 85.2

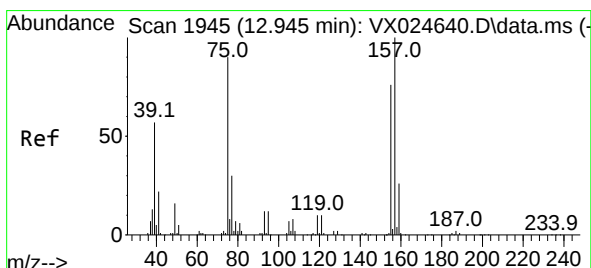
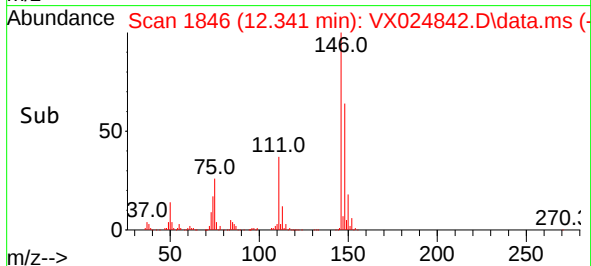
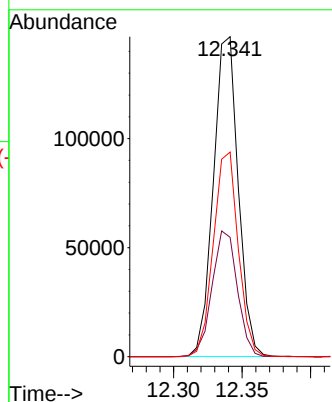
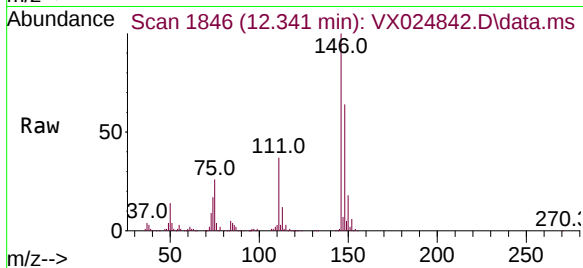




#67
1,2-Dichlorobenzene
Concen: 46.117 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

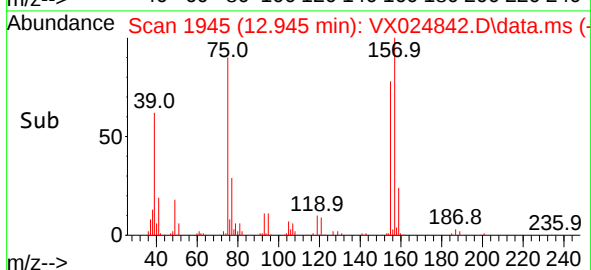
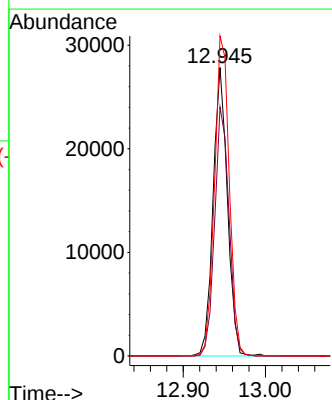
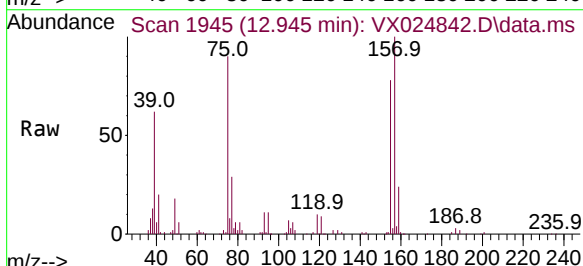
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

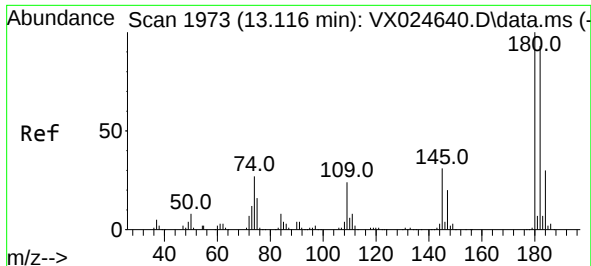
Tgt Ion:146 Resp: 184746
Ion Ratio Lower Upper
146 100
111 37.3 33.8 50.8
148 64.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 48.343 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion: 75 Resp: 33699
Ion Ratio Lower Upper
75 100
155 86.3 65.3 97.9
157 110.9 80.5 120.7

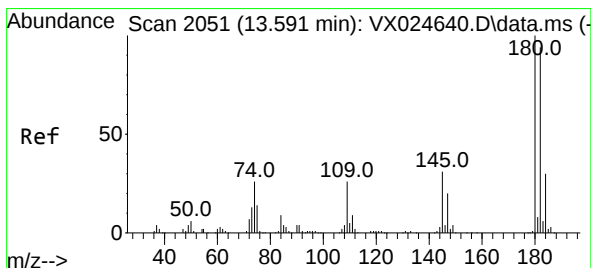
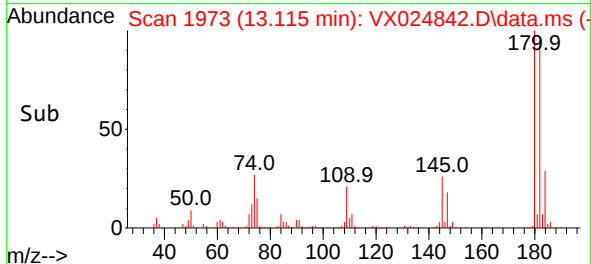
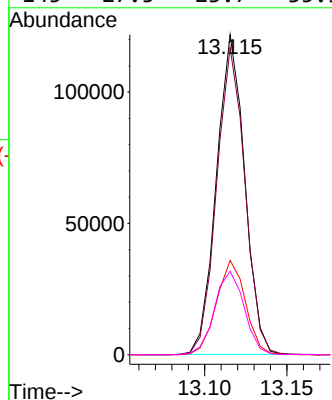
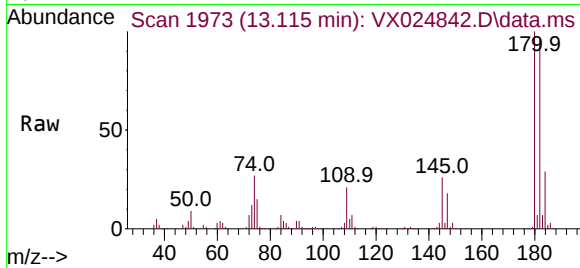




#69
1,3,5-Trichlorobenzene
Concen: 49.701 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

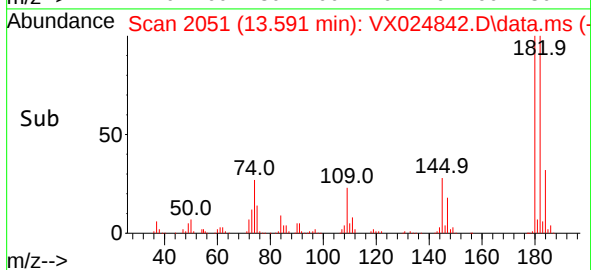
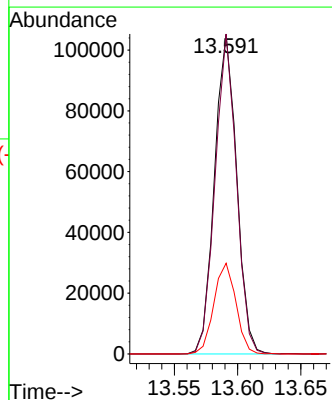
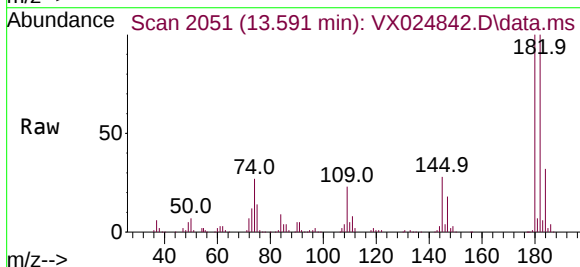
Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

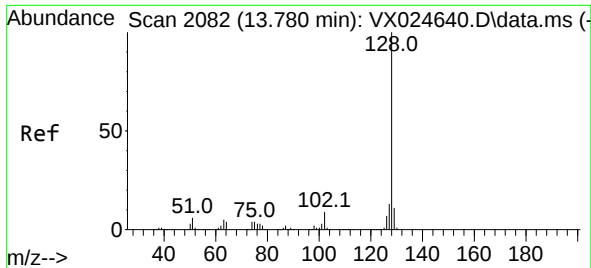
Tgt Ion:180 Resp: 144847
Ion Ratio Lower Upper
180 100
182 96.3 74.8 112.2
184 30.3 24.1 36.1
145 27.5 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 51.854 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:180 Resp: 127864
Ion Ratio Lower Upper
180 100
182 96.0 74.3 111.5
145 28.2 24.1 36.1

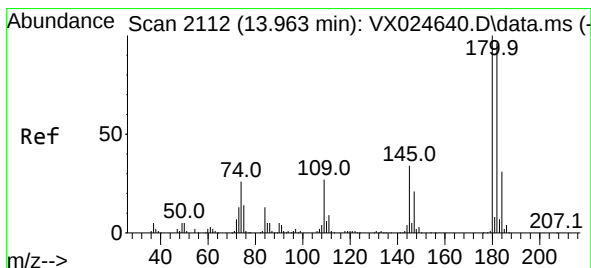
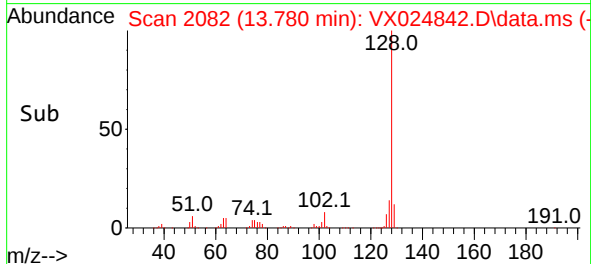
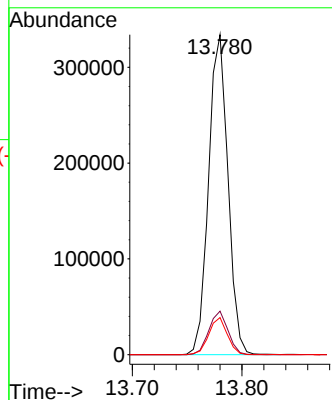
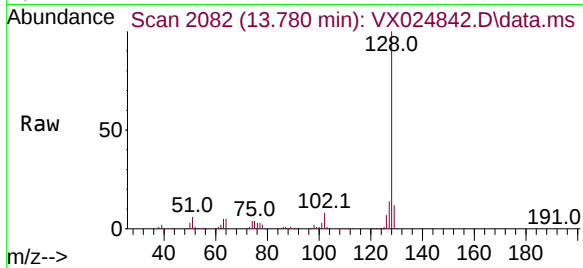




#71
Naphthalene
Concen: 49.784 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :
VSTD050693

Tgt Ion:128 Resp: 409788
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.251 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024842.D
Acq: 19 Oct 2021 12:34

Tgt Ion:180 Resp: 130406
Ion Ratio Lower Upper
180 100
182 95.6 74.6 112.0
145 30.1 25.6 38.4

