

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043020.D
 Acq On : 13 Aug 2024 17:28
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Quant Time: Aug 14 04:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	27179	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	162876	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146865	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	59305	26.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.867%#
60) 4-Bromofluorobenzene	11.079	95	70505	28.279	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.267%
63) Toluene-d8	8.647	98	201749	29.904	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	31293	20.202	ug/l	99
3) Chloromethane	1.301	50	45071	19.344	ug/l	98
4) Vinyl Chloride	1.374	62	44375	20.294	ug/l	98
5) Bromomethane	1.593	94	11730	20.610	ug/l	99
6) Chloroethane	1.666	64	15999	27.714	ug/l	100
7) Trichlorofluoromethane	1.874	101	48662	23.762	ug/l	98
8) Diethyl Ether	2.136	74	20263	20.835	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	34774	19.196	ug/l	96
10) 1,1-Dichloroethene	2.307	96	35622	19.020	ug/l	98
11) Methyl Iodide	2.441	142	36394	17.537	ug/l	93
12) Methyl Acetate	2.709	43	66456	19.642	ug/l	100
13) Acrolein	2.240	56	45818	82.330	ug/l	89
14) Acrylonitrile	3.069	53	127325	98.749	ug/l	97
15) Acetone	2.392	58	34229	95.501	ug/l	79
16) Carbon Disulfide	2.502	76	101937	18.415	ug/l	99
17) Allyl chloride	2.654	41	70957	19.270	ug/l	90
18) Methylene Chloride	2.782	84	41459	19.118	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	37459	19.040	ug/l	99
20) Diisopropyl ether	3.764	45	140967	19.586	ug/l	99
21) 1,1-Dichloroethane	3.605	63	71134	18.495	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	45683	19.380	ug/l	96
23) tert-Butyl Alcohol	2.989	59	58336	104.283	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	121941	18.446	ug/l	99
25) Chloroform	5.093	83	66439	18.566	ug/l	95
26) Cyclohexane	5.465	56	66240	18.750	ug/l #	95
29) 1,1-Dichloropropene	5.684	75	47097	18.800	ug/l	99
30) 2-Butanone	4.562	43	175334	97.888	ug/l	100
31) 2,2-Dichloropropane	4.471	77	57178	18.411	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	57279	18.993	ug/l	98
33) Carbon Tetrachloride	5.672	117	48210	19.543	ug/l	98
34) Benzene	6.032	78	159118	19.189	ug/l	99
35) Methacrylonitrile	4.916	41	36392	19.490	ug/l	97
36) 1,2-Dichloroethane	6.080	62	47334	18.501	ug/l #	93
37) Trichloroethene	7.123	130	36715	19.675	ug/l	98
38) Methylcyclohexane	7.373	83	68583	19.983	ug/l	99
39) 1,2-Dichloropropane	7.428	63	40095	19.507	ug/l	97
40) Dibromomethane	7.580	93	25846	18.691	ug/l	96
41) Bromodichloromethane	7.818	83	52830	19.143	ug/l	99
42) Vinyl Acetate	3.721	43	833096	102.373	ug/l	97

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

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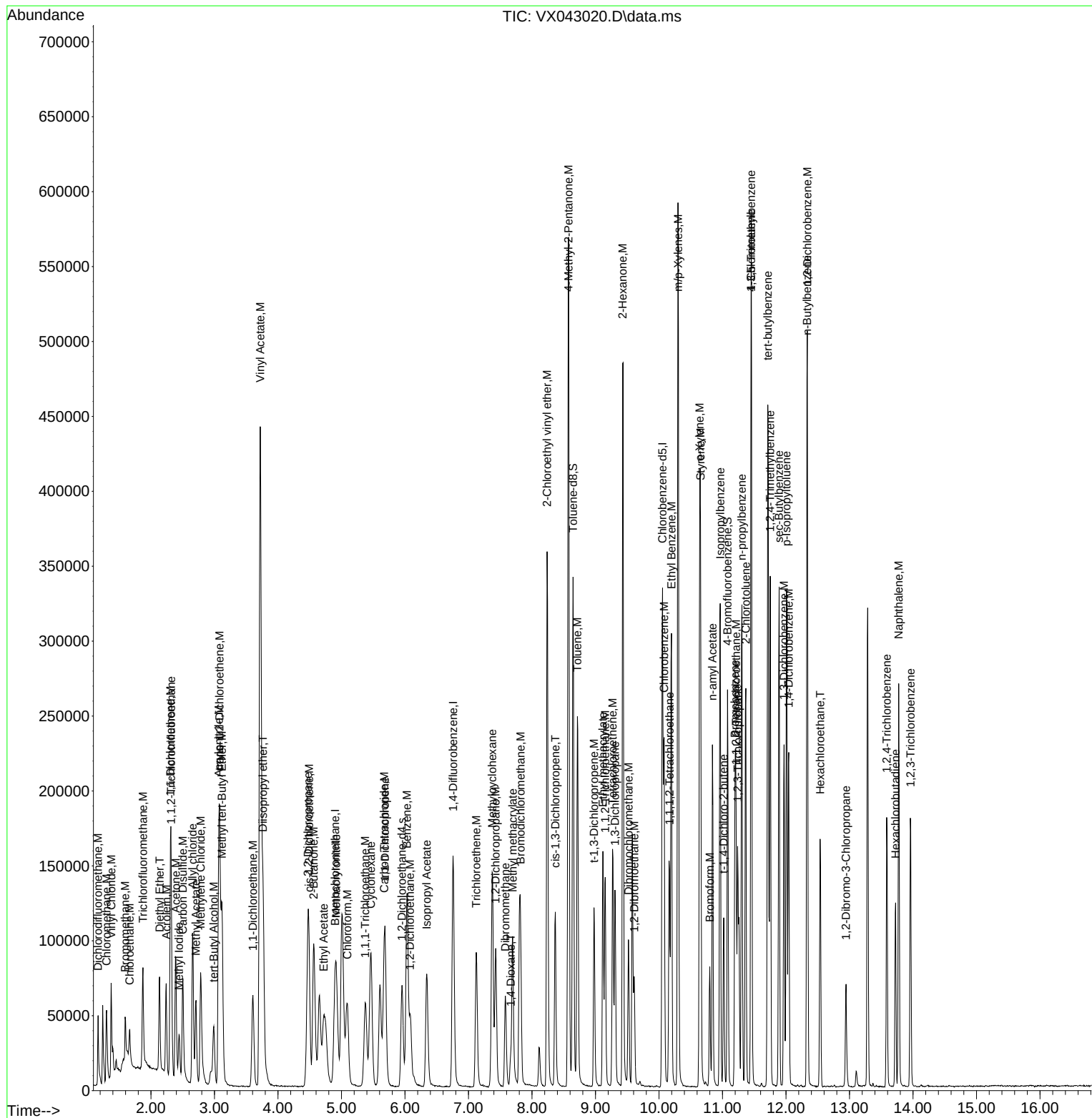
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	68034	19.858	ug/l	97
44) Isopropyl Acetate	6.342	43	109653	19.645	ug/l	96
45) 1,4-Dioxane	7.665	88	18350	340.557	ug/l	97
46) Methyl methacrylate	7.696	41	49114	18.628	ug/l	95
47) n-amyl Acetate	10.842	43	96702	19.623	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	57248	18.695	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	64260	19.228	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	37453	19.659	ug/l	97
51) Ethyl methacrylate	9.116	69	69718	19.270	ug/l	97
52) 1,3-Dichloropropane	9.305	76	65322	19.542	ug/l	100
53) Dibromochloromethane	9.519	129	40526	19.586	ug/l	99
54) 1,2-Dibromoethane	9.610	107	39194	19.823	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	145752	87.929	ug/l	99
56) Bromoform	10.799	173	27505	19.028	ug/l	95
58) 4-Methyl-2-Pentanone	8.574	43	349904	103.025	ug/l	99
59) 2-Hexanone	9.427	43	269496	101.634	ug/l	98
61) Tetrachloroethene	9.269	164	31071	20.057	ug/l	99
62) Toluene	8.714	91	167111	19.919	ug/l	98
64) Chlorobenzene	10.080	112	101618	19.752	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	34213	19.581	ug/l	96
66) Ethyl Benzene	10.195	91	182358	20.002	ug/l	96
67) m/p-Xylenes	10.299	106	139399	40.885	ug/l	96
68) o-Xylene	10.640	106	70327	20.392	ug/l	94
69) Styrene	10.653	104	115178	20.042	ug/l	98
70) Isopropylbenzene	10.964	105	175318	20.492	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.214	83	64726	20.420	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	50773m	18.716	ug/l	
73) Bromobenzene	11.195	156	39834	20.271	ug/l	94
74) n-propylbenzene	11.305	91	203929	20.198	ug/l	99
75) 2-Chlorotoluene	11.366	91	123591	19.790	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	141409	20.265	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	21919	17.308	ug/l	92
78) 4-Chlorotoluene	11.451	91	135791	20.027	ug/l	100
79) tert-butylbenzene	11.713	119	146967	20.678	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	142437	20.022	ug/l	97
81) sec-Butylbenzene	11.890	105	183604	20.451	ug/l	100
82) p-Isopropyltoluene	12.006	119	148539	20.446	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	74949	20.700	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	72169	19.906	ug/l	98
85) n-Butylbenzene	12.329	91	127458	19.705	ug/l	98
86) Hexachloroethane	12.536	117	28768	18.933	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	73521	20.419	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	13065	17.732	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	41859	19.646	ug/l	98
90) Hexachlorobutadiene	13.725	225	15881	19.996	ug/l	97
91) Naphthalene	13.774	128	162190	19.479	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	41955	19.304	ug/l	97

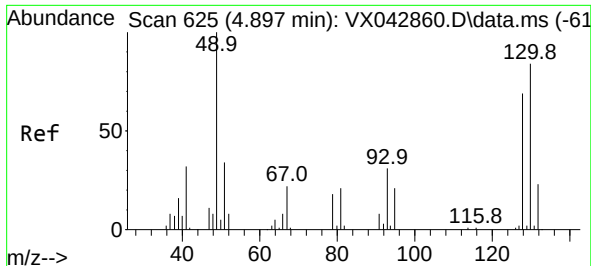
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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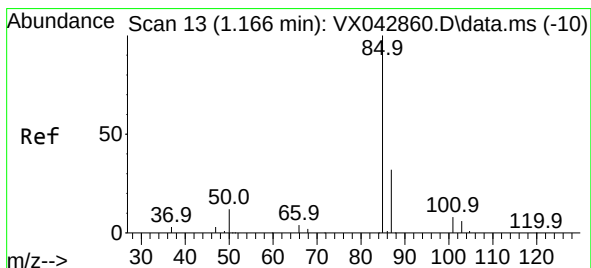
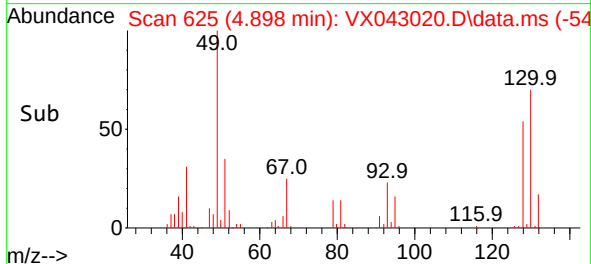
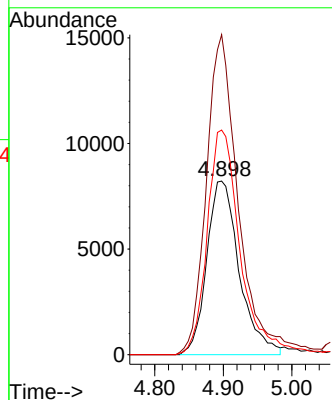
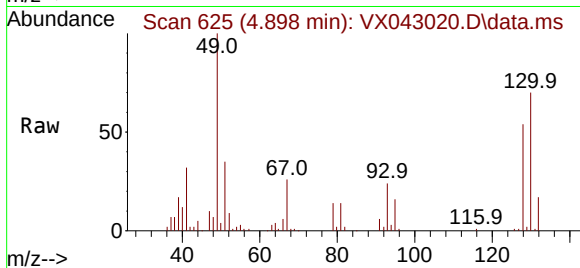




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

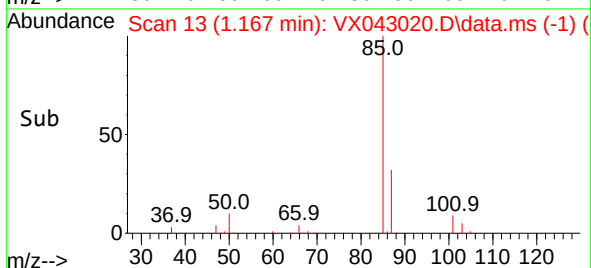
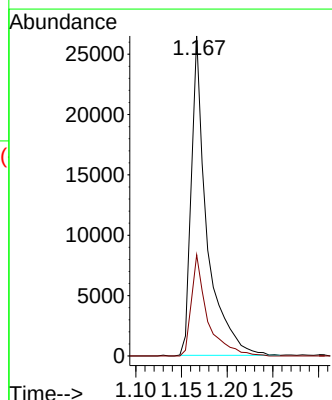
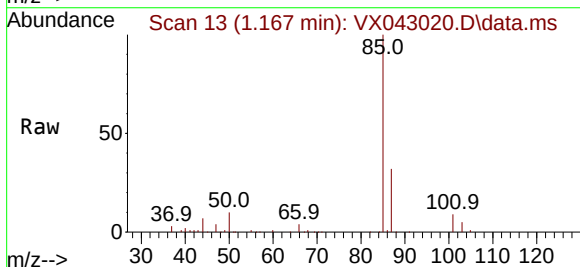
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MSVOA_X
ClientSampleId :
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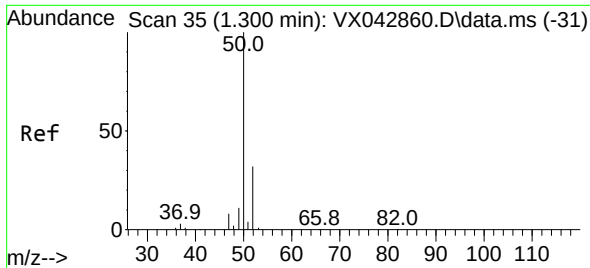
Tgt Ion	Ratio	Lower	Upper
128	100		
49	182.6	0.0	400.5
130	131.6	0.0	333.0



#2
Dichlorodifluoromethane
Concen: 20.202 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.0	48.0

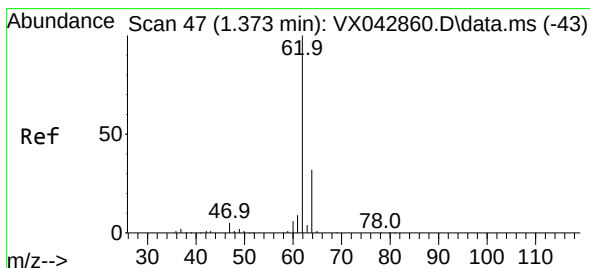
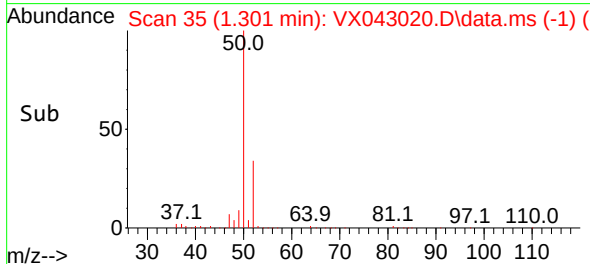
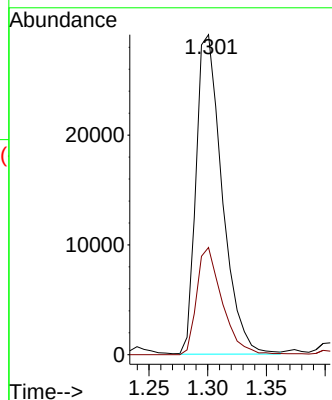
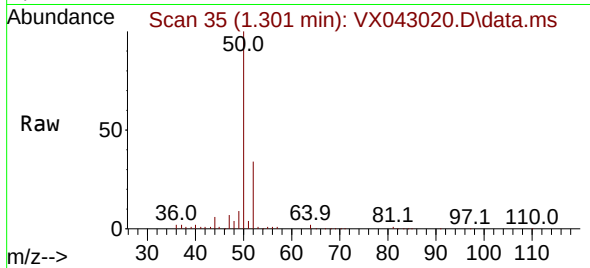




#3
Chloromethane
Concen: 19.344 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

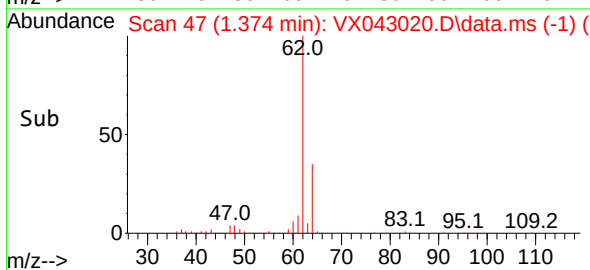
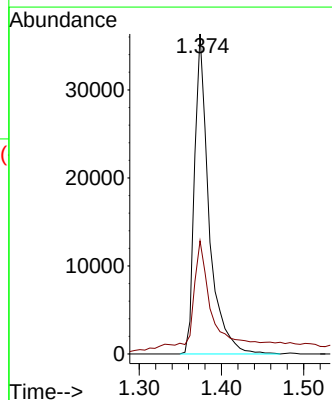
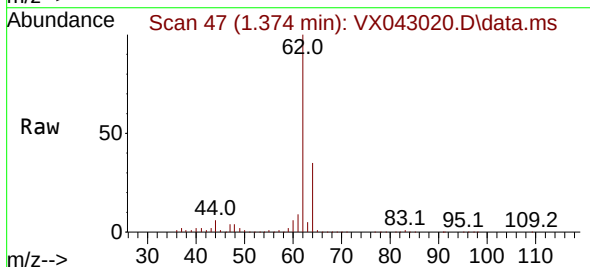
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ClientSampleId :
VSTDCCC020EC

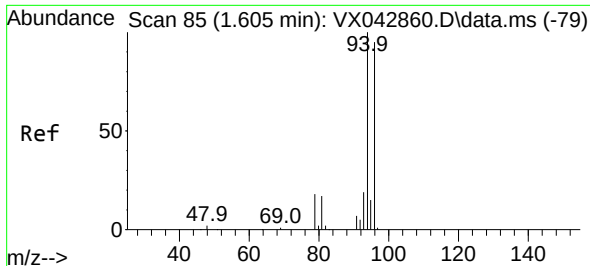
Tgt Ion: 50 Resp: 45071
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 20.294 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 62 Resp: 44375
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5

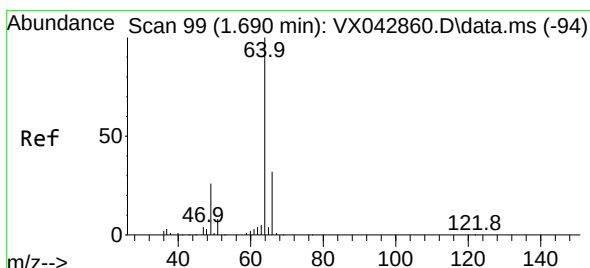
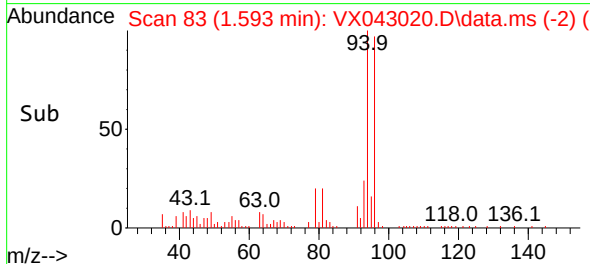
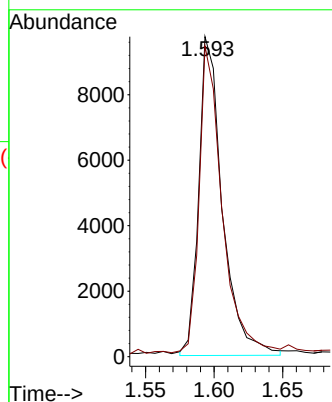
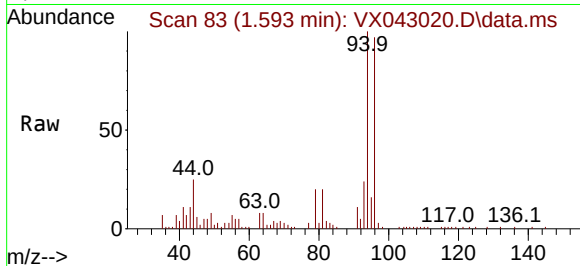




#5
Bromomethane
Concen: 20.610 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

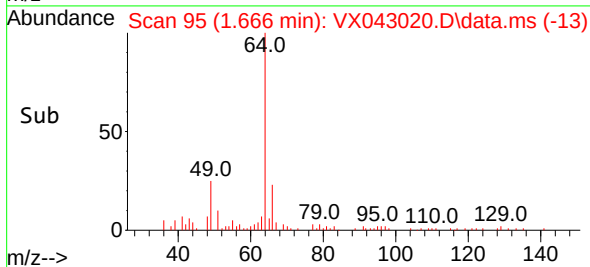
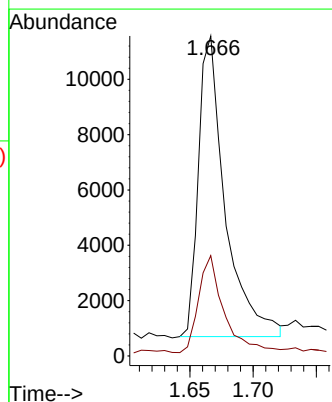
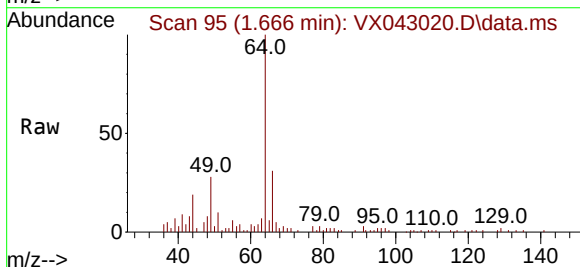
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

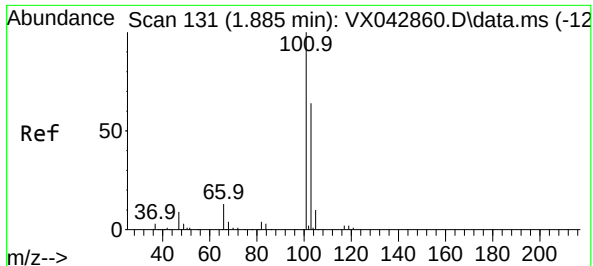
Tgt Ion: 94 Resp: 11730
Ion Ratio Lower Upper
94 100
96 96.7 76.2 114.4



#6
Chloroethane
Concen: 27.714 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 64 Resp: 15999
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9

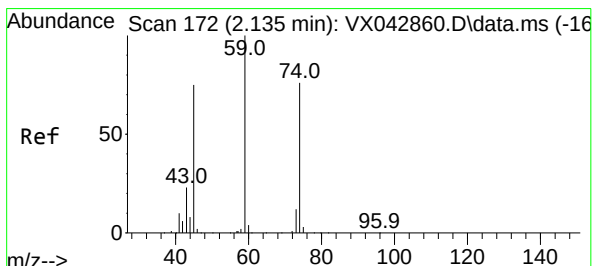
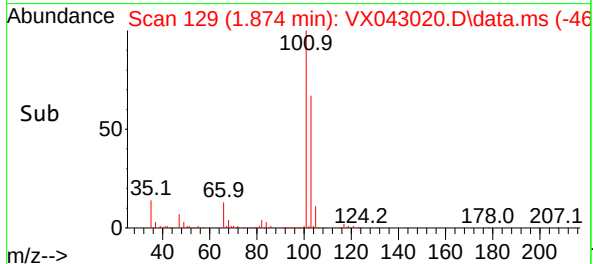
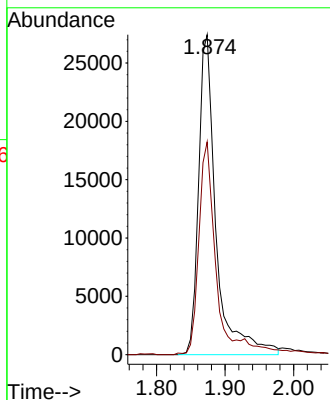
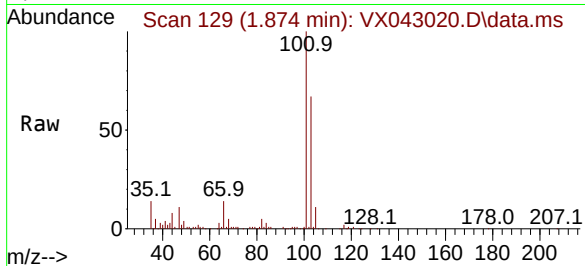




#7
Trichlorofluoromethane
Concen: 23.762 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

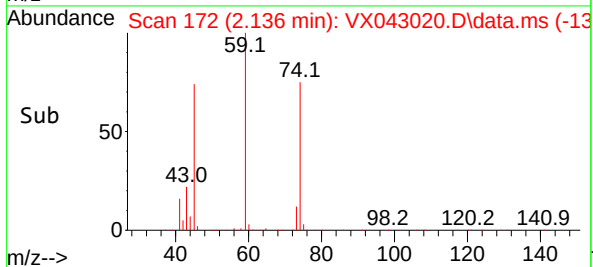
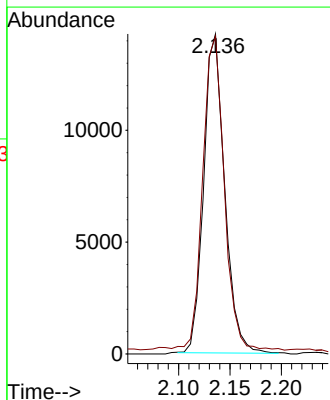
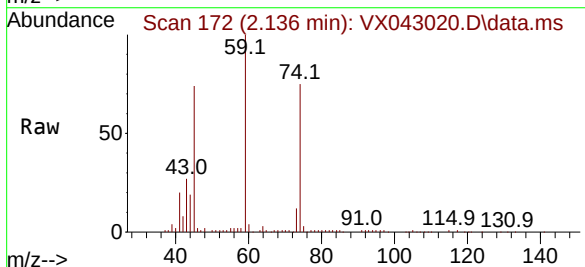
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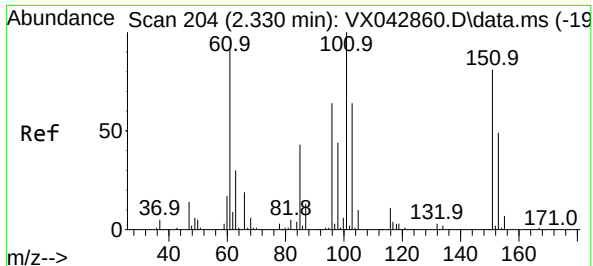
Tgt Ion:101 Resp: 48662
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3



#8
Diethyl Ether
Concen: 20.835 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 74 Resp: 20263
Ion Ratio Lower Upper
74 100
45 101.9 20.3 182.3

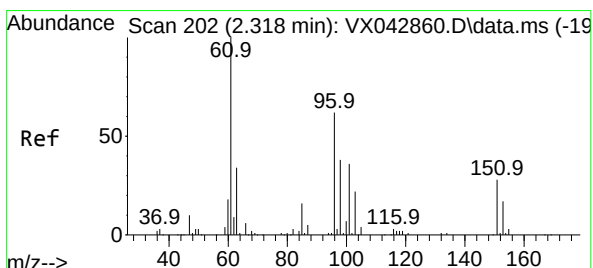
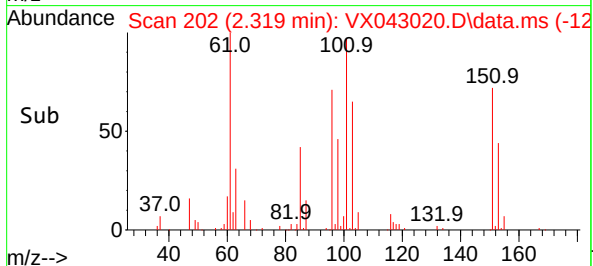
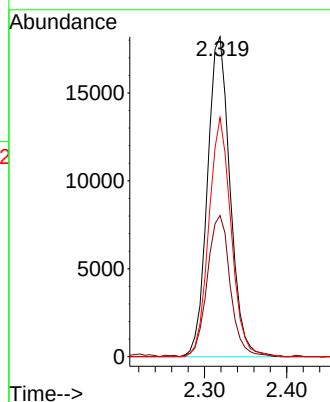
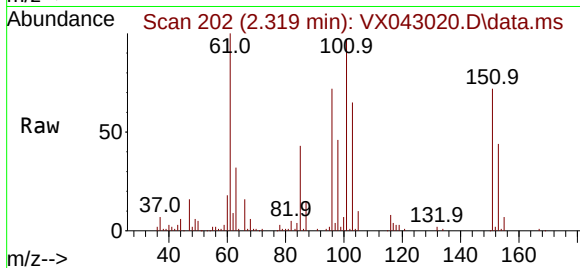




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.196 ug/l
 RT: 2.319 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX043020.D
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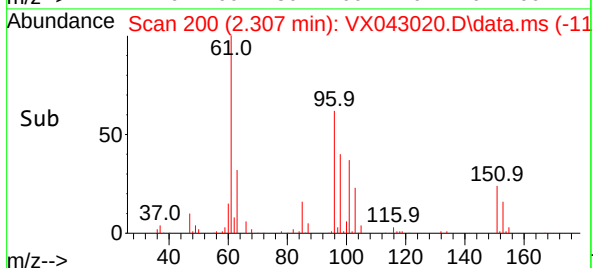
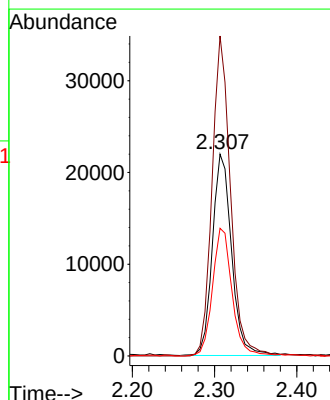
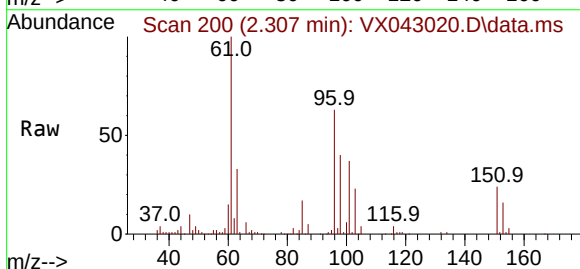
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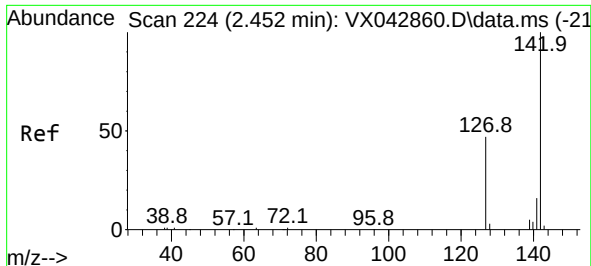
Tgt Ion:101 Resp: 34774
 Ion Ratio Lower Upper
 101 100
 85 44.9 0.0 88.6
 151 73.6 0.0 157.6



#10
 1,1-Dichloroethene
 Concen: 19.020 ug/l
 RT: 2.307 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

Tgt Ion: 96 Resp: 35622
 Ion Ratio Lower Upper
 96 100
 61 159.1 129.2 193.8
 98 63.5 48.6 72.8

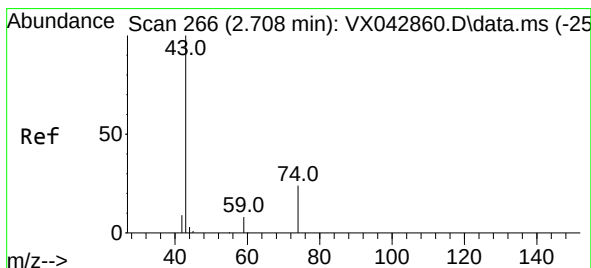
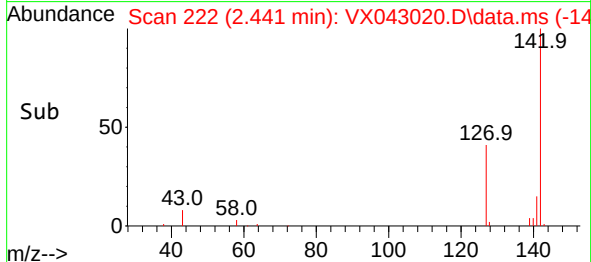
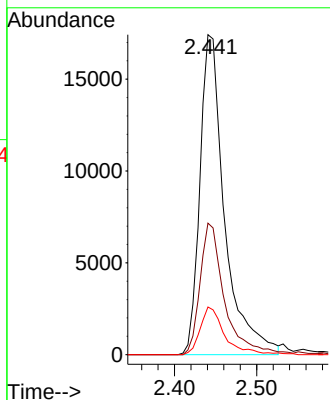
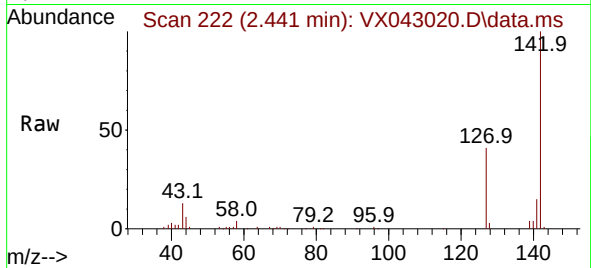




#11
Methyl Iodide
Concen: 17.537 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

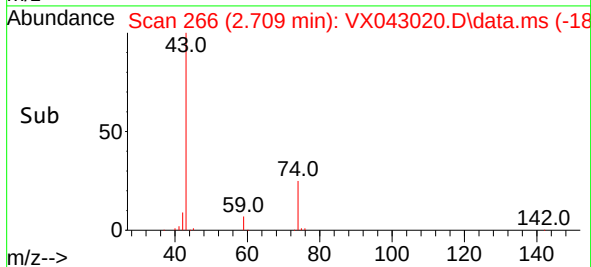
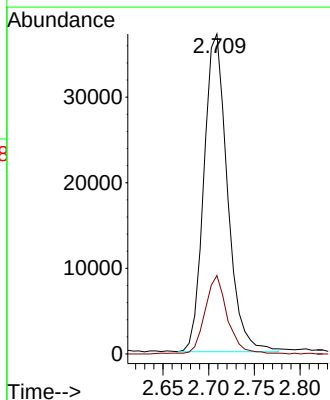
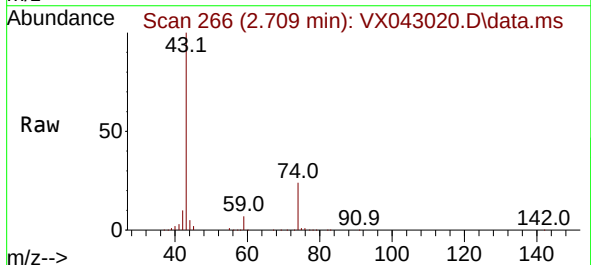
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

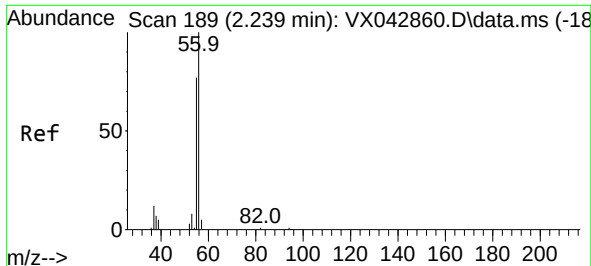
Tgt Ion:142 Resp: 36394
Ion Ratio Lower Upper
142 100
127 41.2 23.6 71.0
141 14.8 8.0 23.8



#12
Methyl Acetate
Concen: 19.642 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 43 Resp: 66456
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





#13

Acrolein

Concen: 82.330 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

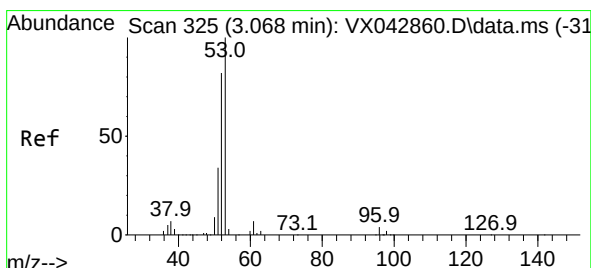
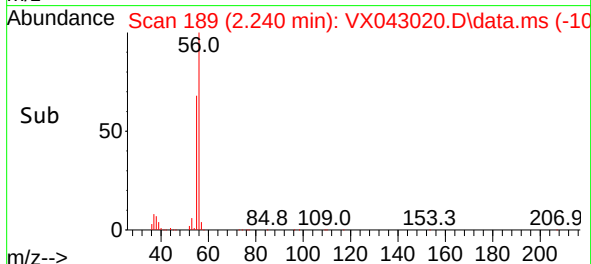
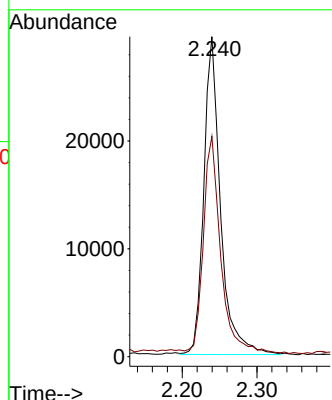
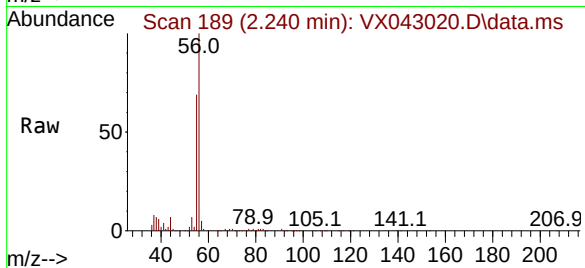
VSTDCCC020EC

Tgt Ion: 56 Resp: 45818

Ion Ratio Lower Upper

56 100

55 66.1 60.6 90.8



#14

Acrylonitrile

Concen: 98.749 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

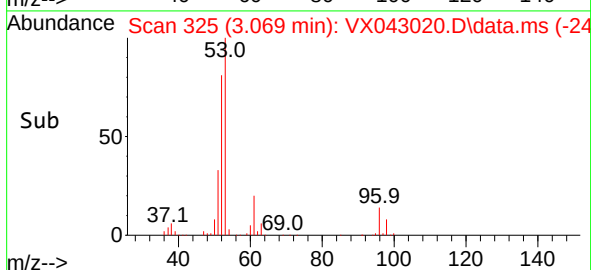
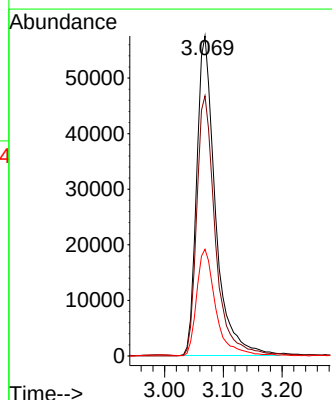
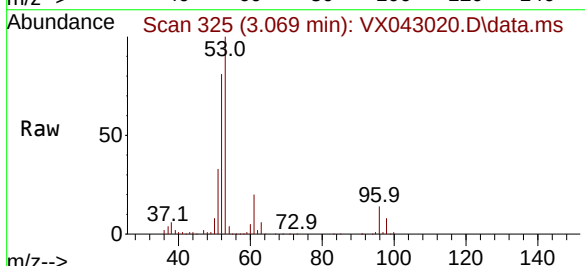
Tgt Ion: 53 Resp: 127325

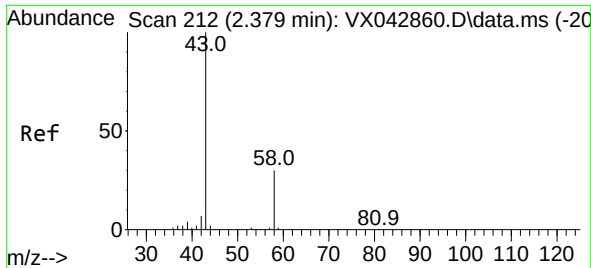
Ion Ratio Lower Upper

53 100

52 80.5 41.2 123.6

51 33.8 17.9 53.8





#15

Acetone

Concen: 95.501 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

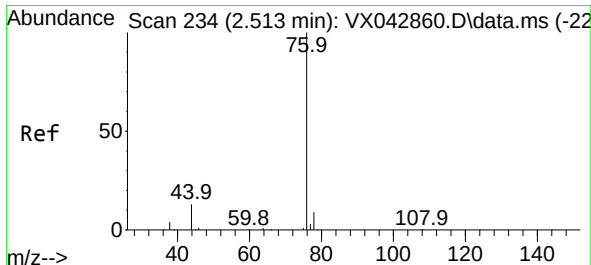
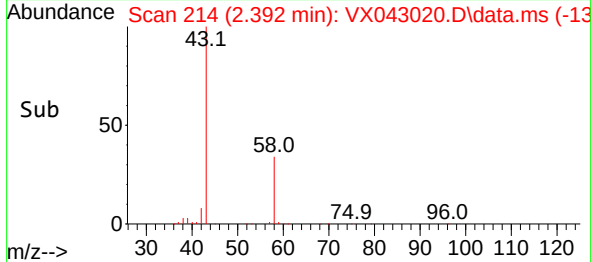
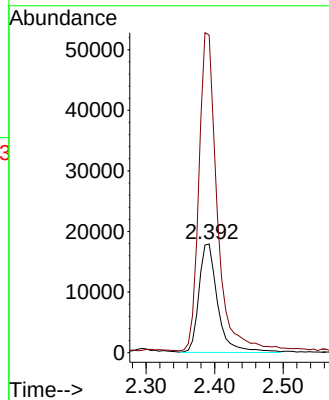
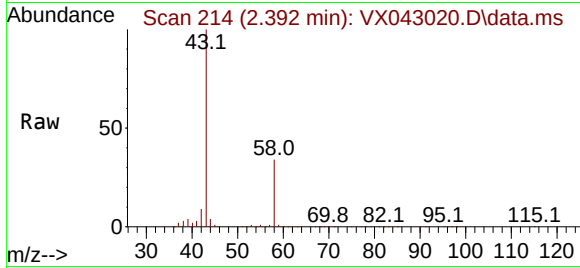
VSTDCCC020EC

Tgt Ion: 58 Resp: 34229

Ion Ratio Lower Upper

58 100

43 291.9 269.9 404.9



#16

Carbon Disulfide

Concen: 18.415 ug/l

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043020.D

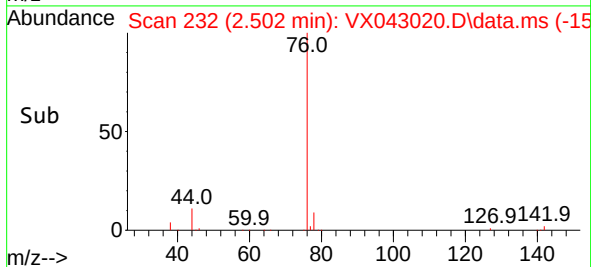
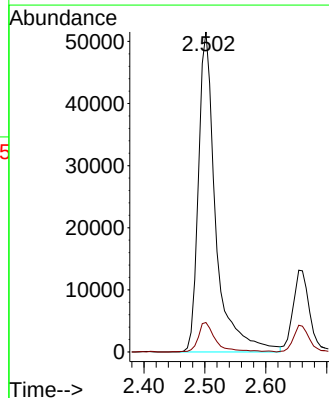
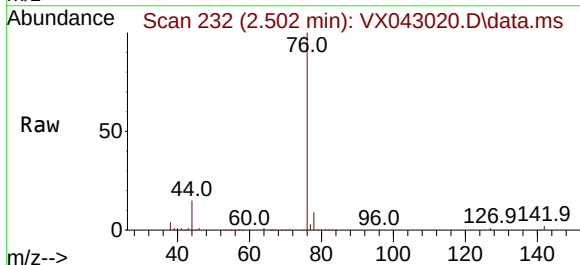
Acq: 13 Aug 2024 17:28

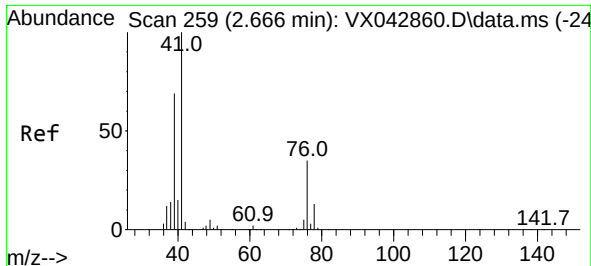
Tgt Ion: 76 Resp: 101937

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

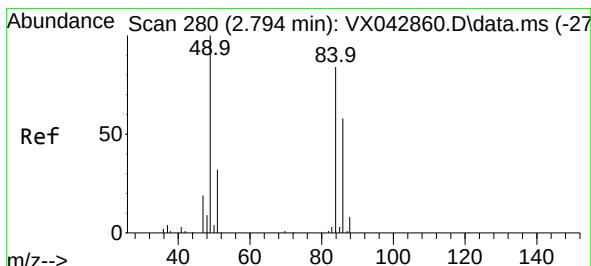
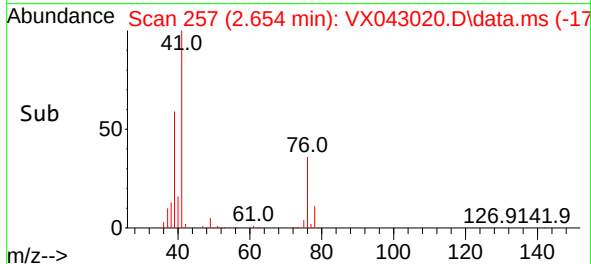
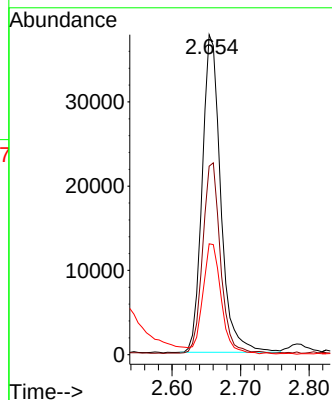
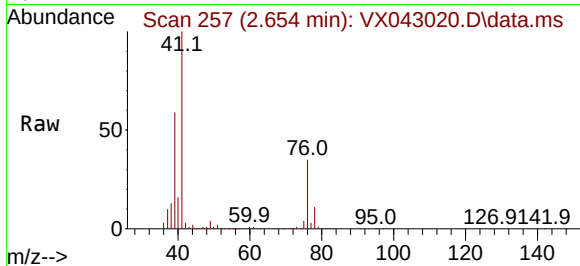




#17
 Allyl chloride
 Concen: 19.270 ug/l
 RT: 2.654 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

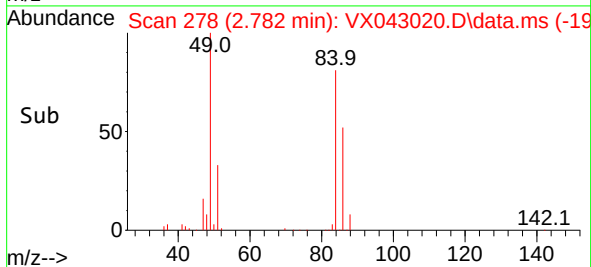
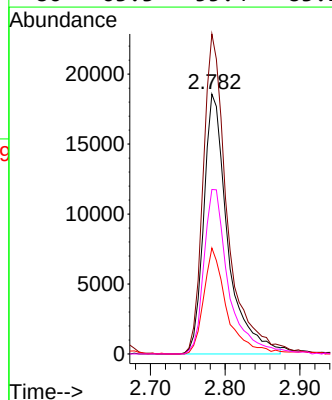
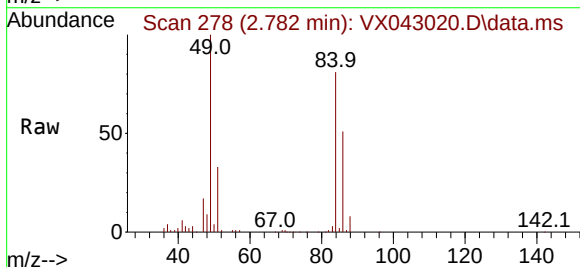
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

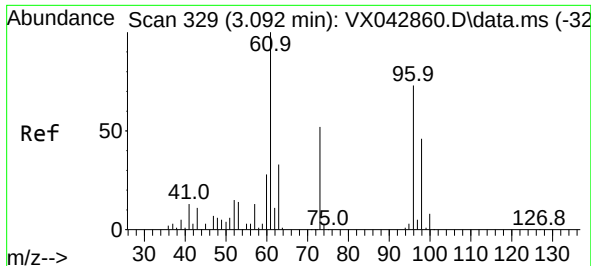
Tgt Ion: 41 Resp: 70957
 Ion Ratio Lower Upper
 41 100
 39 58.9 34.6 103.9
 76 34.6 18.4 55.4



#18
 Methylene Chloride
 Concen: 19.118 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

Tgt Ion: 84 Resp: 41459
 Ion Ratio Lower Upper
 84 100
 49 123.2 95.0 142.6
 51 40.8 30.1 45.1
 86 63.3 55.4 83.2

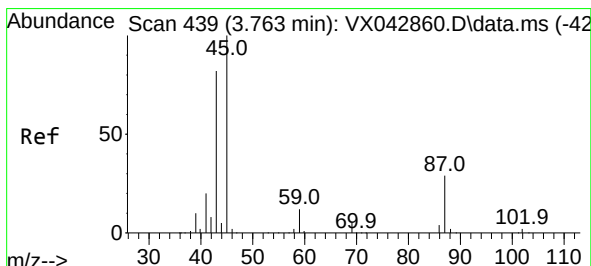
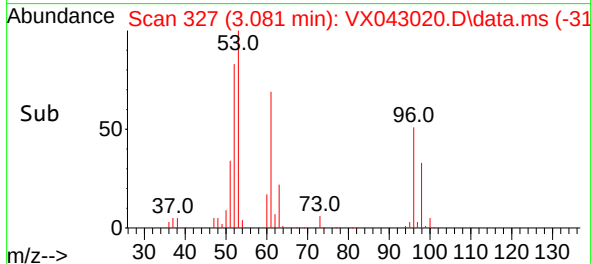
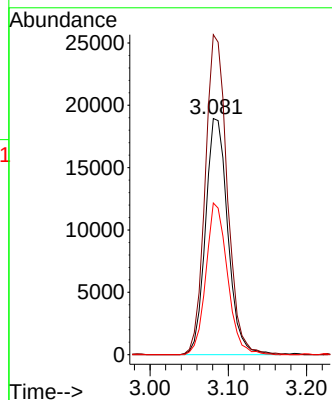
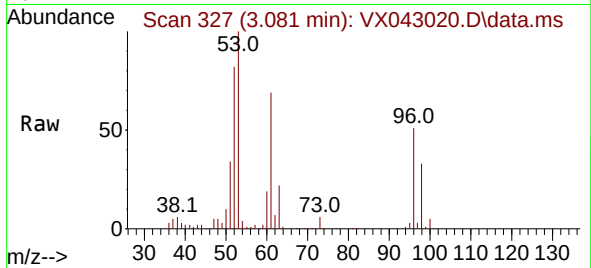




#19
trans-1,2-Dichloroethene
Concen: 19.040 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

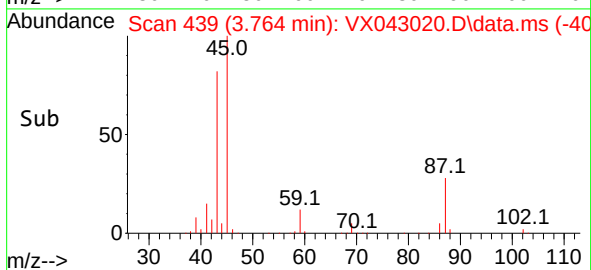
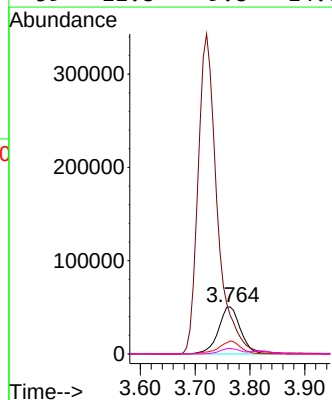
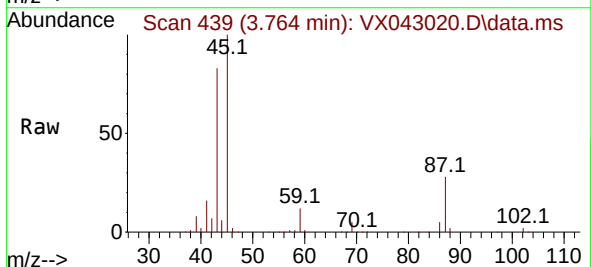
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

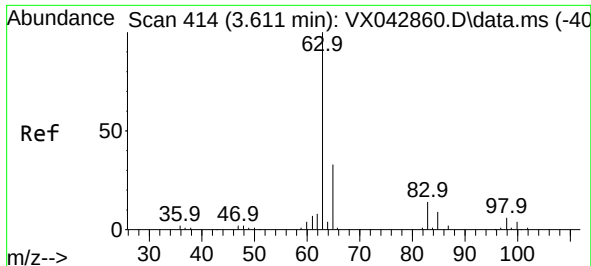
Tgt Ion: 96 Resp: 37459
Ion Ratio Lower Upper
96 100
61 135.5 109.6 164.4
98 64.2 50.4 75.6



#20
Diisopropyl ether
Concen: 19.586 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 45 Resp: 140967
Ion Ratio Lower Upper
45 100
43 82.0 65.4 98.2
87 27.6 23.0 34.6
59 11.8 9.8 14.6

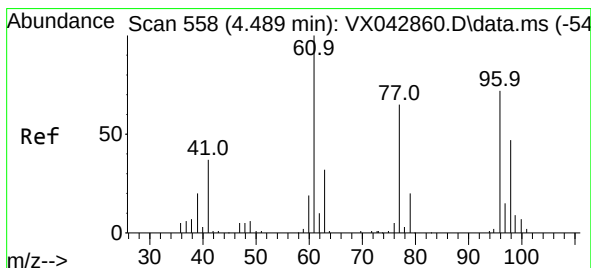
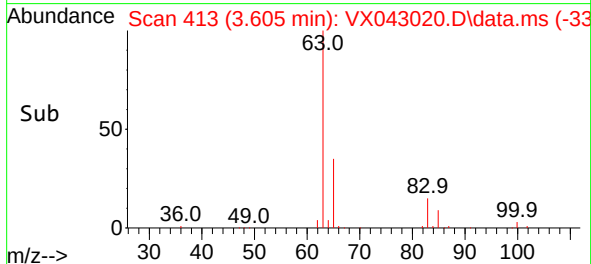
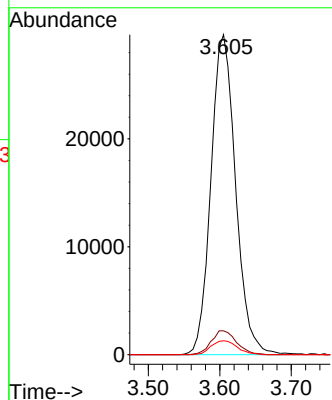
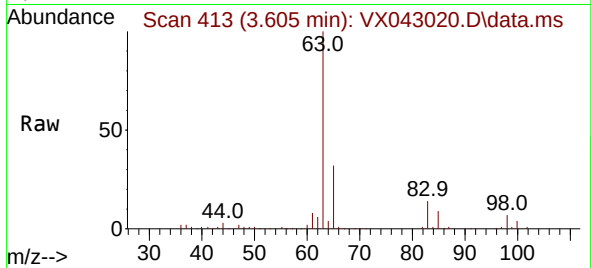




#21
1,1-Dichloroethane
Concen: 18.495 ug/l
RT: 3.605 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

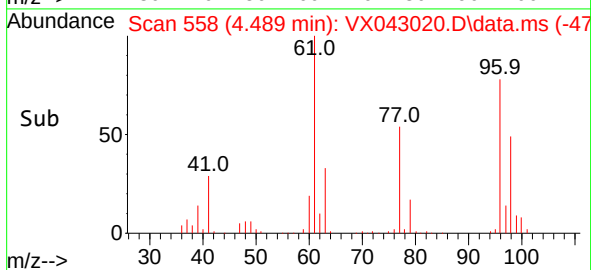
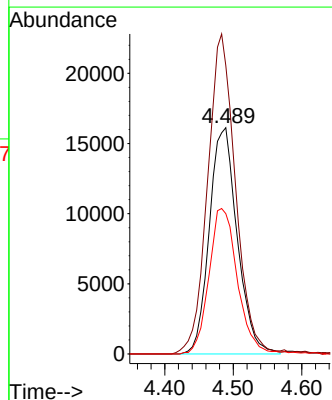
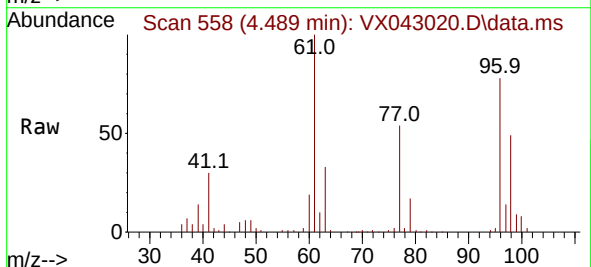
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

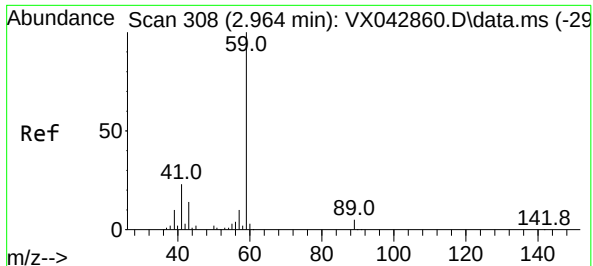
Tgt Ion: 63 Resp: 71134
Ion Ratio Lower Upper
63 100
98 7.5 2.9 8.8
100 4.4 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 96 Resp: 45683
Ion Ratio Lower Upper
96 100
61 141.0 117.7 176.5
98 65.2 53.4 80.0

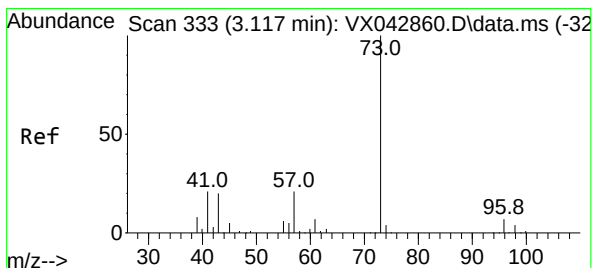
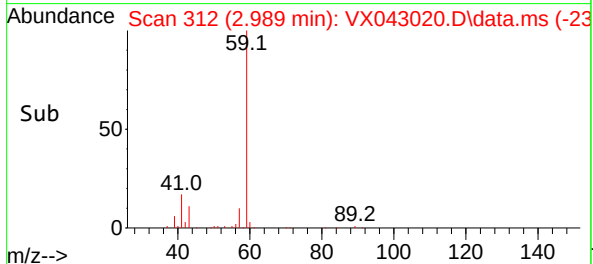
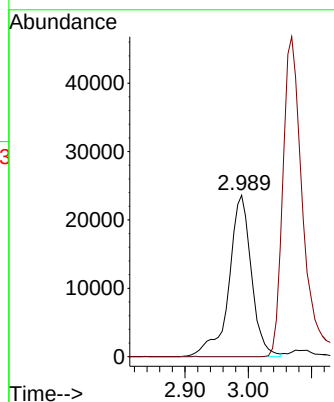
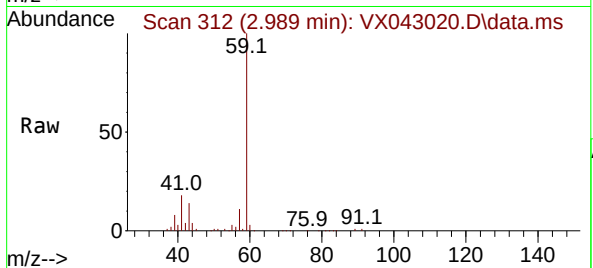




#23
tert-Butyl Alcohol
Concen: 104.283 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

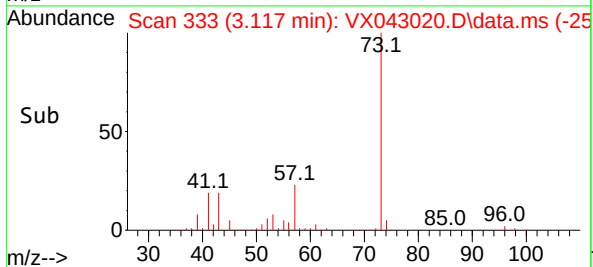
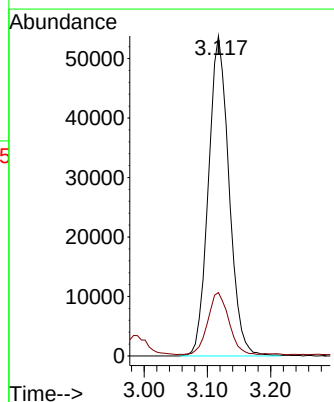
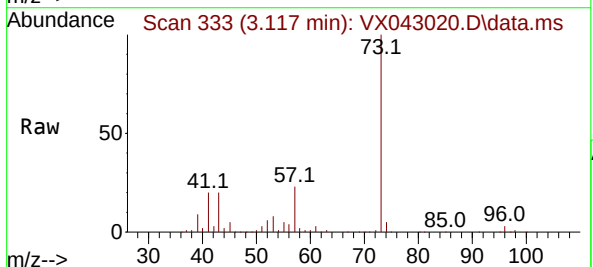
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

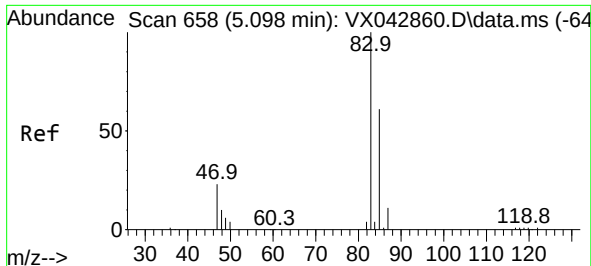
Tgt Ion: 59 Resp: 58336
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.446 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 73 Resp: 121941
Ion Ratio Lower Upper
73 100
43 19.7 16.2 24.2

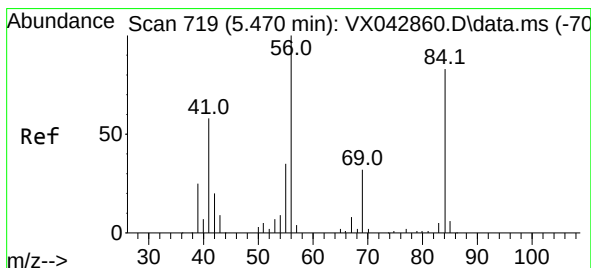
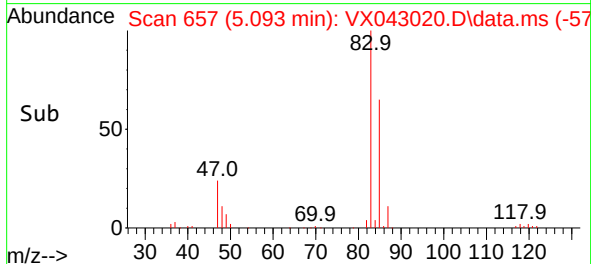
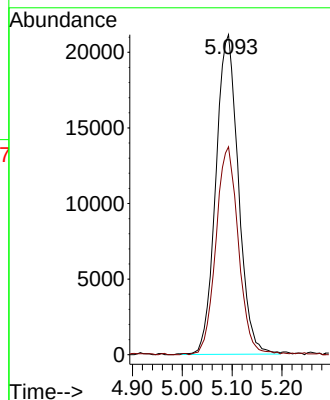
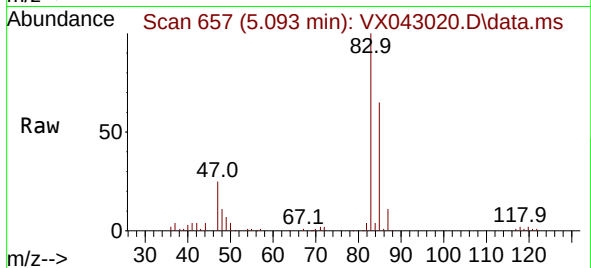




#25
Chloroform
Concen: 18.566 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

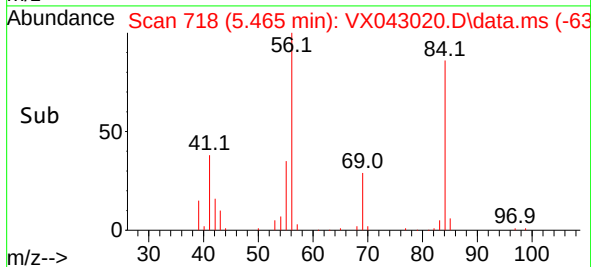
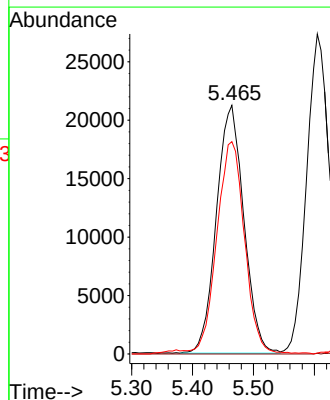
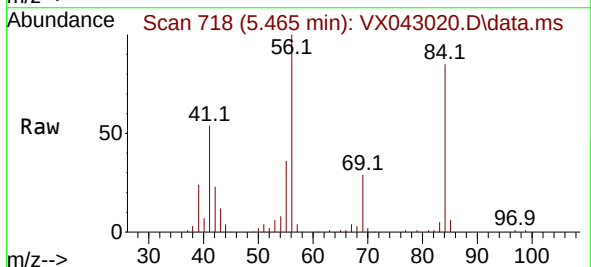
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

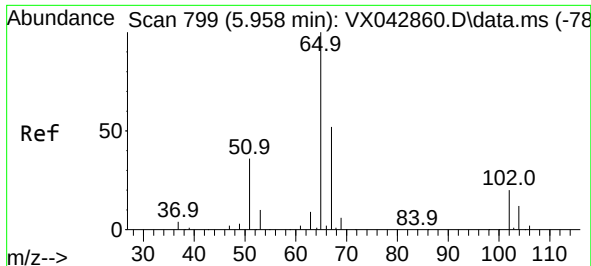
Tgt Ion: 83 Resp: 66439
Ion Ratio Lower Upper
83 100
85 65.2 49.2 73.8



#26
Cyclohexane
Concen: 18.750 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 56 Resp: 66240
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 71.8 107.8

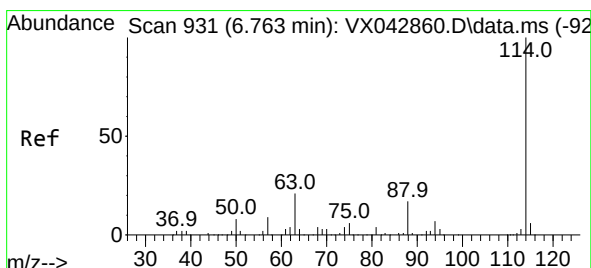
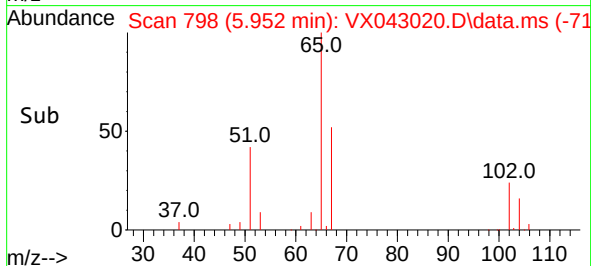
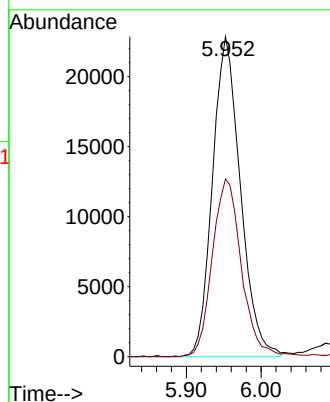
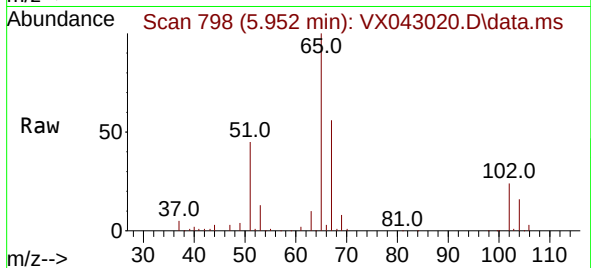




#27
 1,2-Dichloroethane-d4
 Concen: 26.956 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

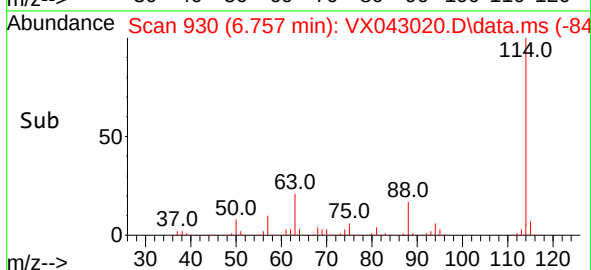
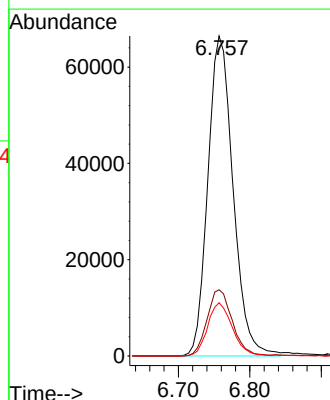
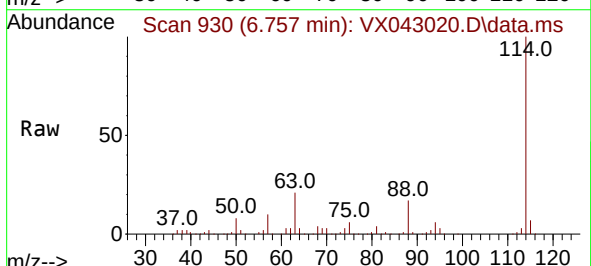
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

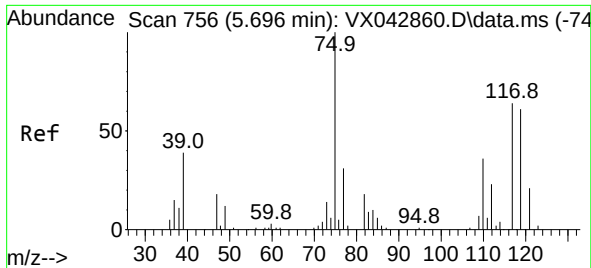
Tgt Ion: 65 Resp: 59305
 Ion Ratio Lower Upper
 65 100
 67 57.5 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

Tgt Ion: 114 Resp: 162876
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.0 24.0
 88 16.2 12.5 18.7

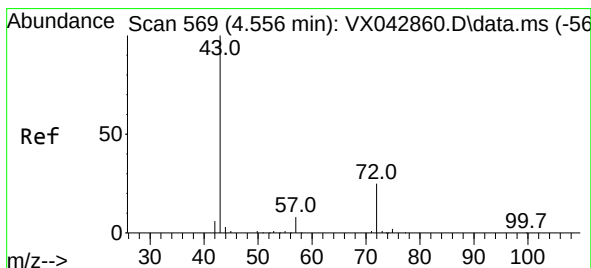
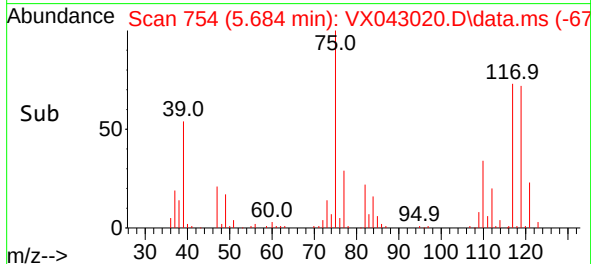
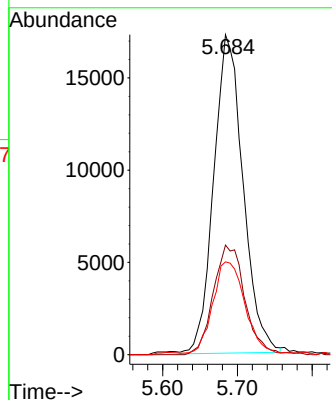
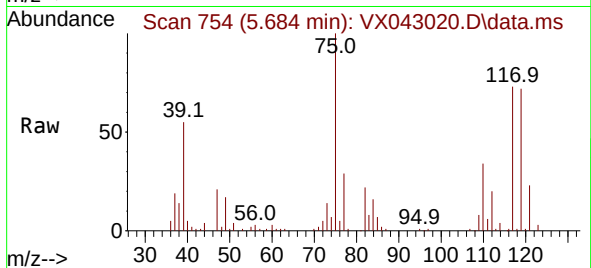




#29
1,1-Dichloropropene
Concen: 18.800 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

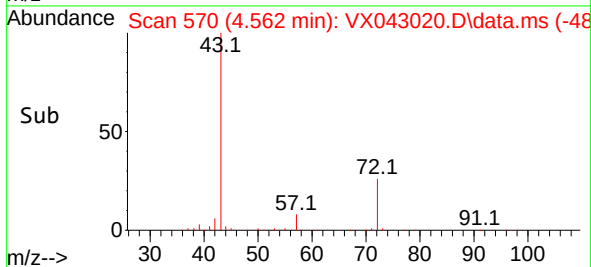
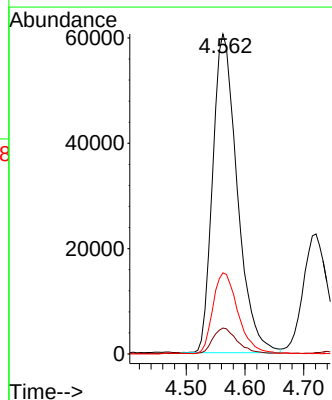
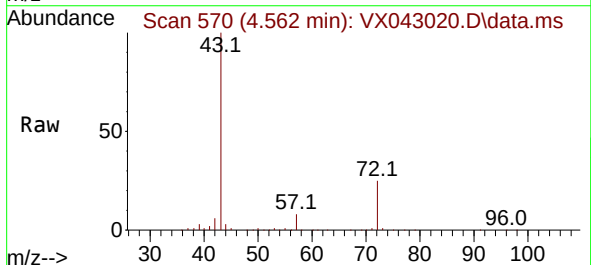
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

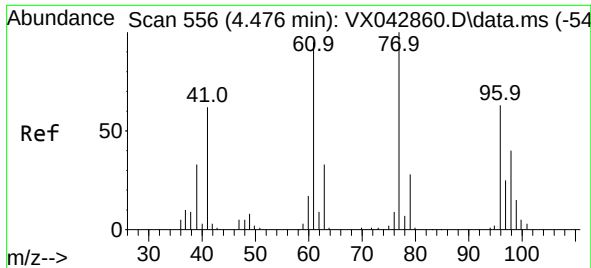
Tgt Ion:	75	Resp:	47097
Ion	Ratio	Lower	Upper
75	100		
110	36.7	0.0	72.4
77	32.3	0.0	63.4



#30
2-Butanone
Concen: 97.888 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion:	43	Resp:	175334
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.6	10.0
72	26.1	21.0	31.4





#31

2,2-Dichloropropane

Concen: 18.411 ug/l

RT: 4.471 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

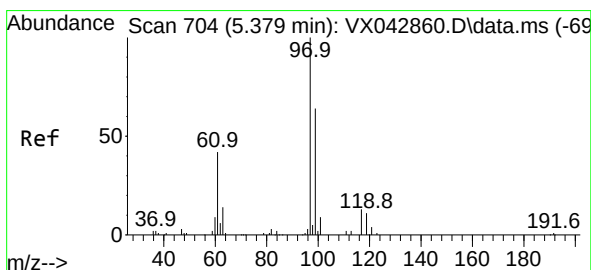
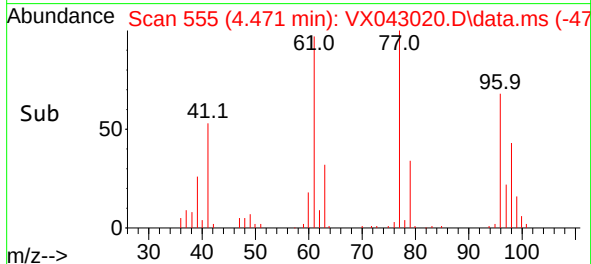
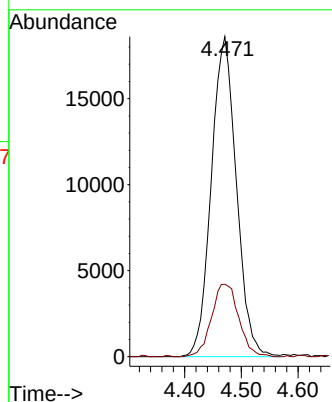
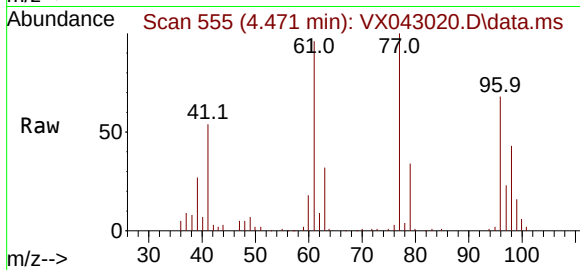
VSTDCCC020EC

Tgt Ion: 77 Resp: 57178

Ion Ratio Lower Upper

77 100

97 24.4 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 18.993 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

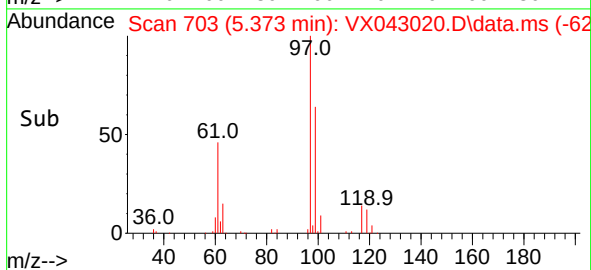
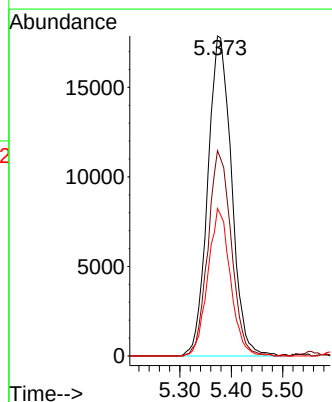
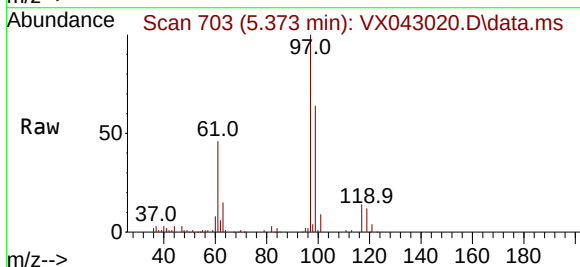
Tgt Ion: 97 Resp: 57279

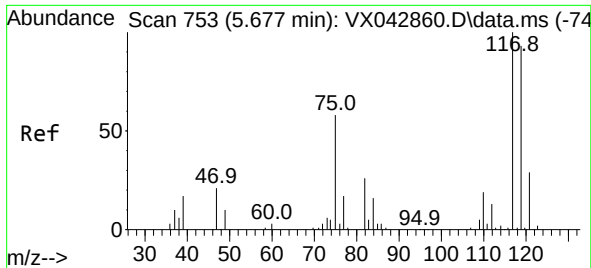
Ion Ratio Lower Upper

97 100

99 63.0 52.2 78.2

61 43.6 34.3 51.5

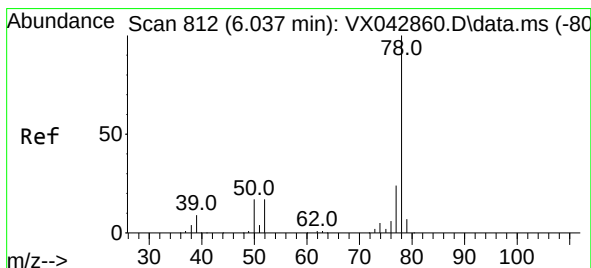
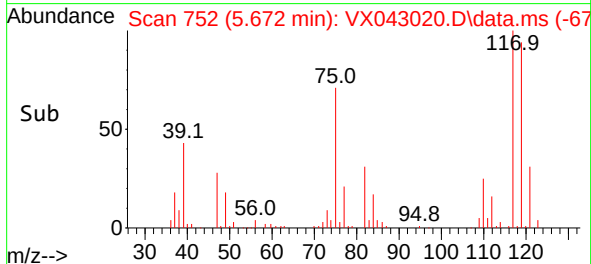
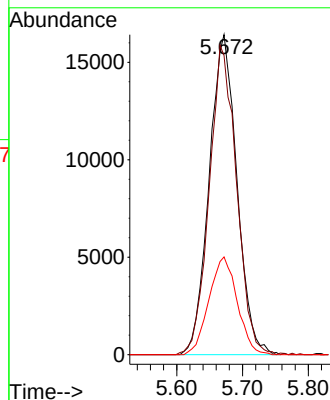
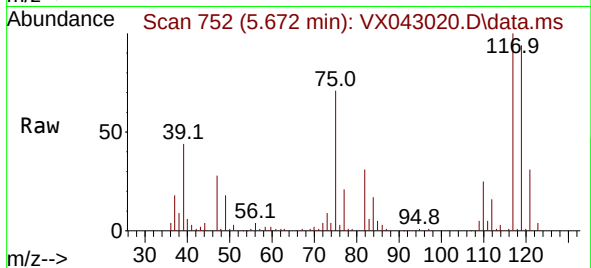




#33
Carbon Tetrachloride
Concen: 19.543 ug/l
RT: 5.672 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

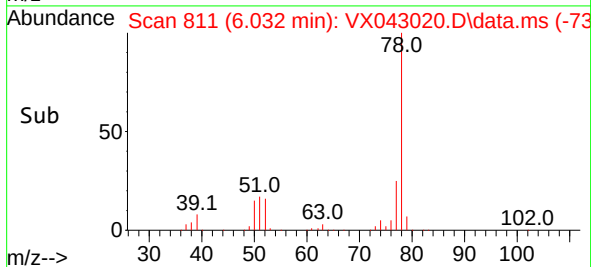
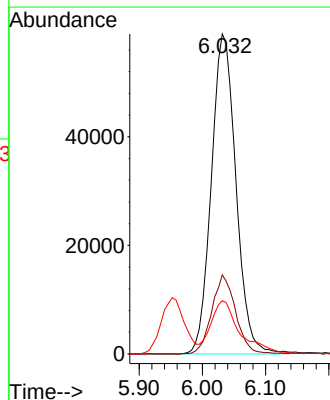
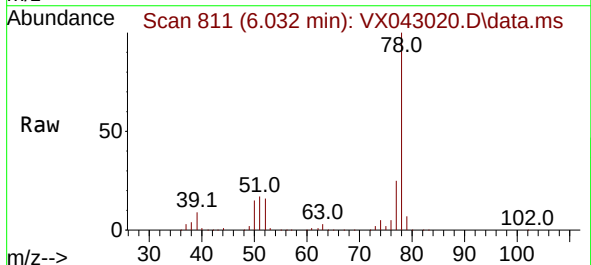
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

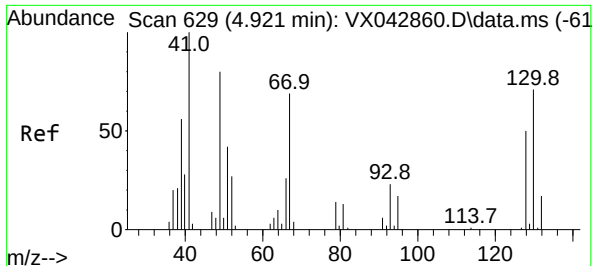
Tgt Ion:117 Resp: 48210
Ion Ratio Lower Upper
117 100
119 93.0 75.7 113.5
121 30.5 23.3 34.9



#34
Benzene
Concen: 19.189 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 78 Resp: 159118
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.2
51 16.0 13.5 20.3



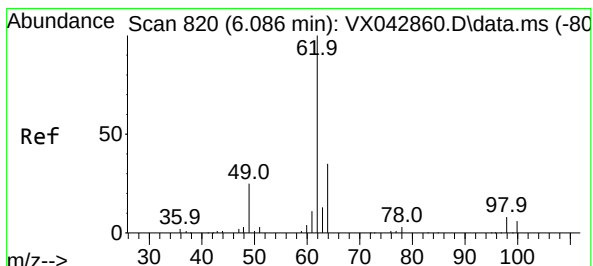
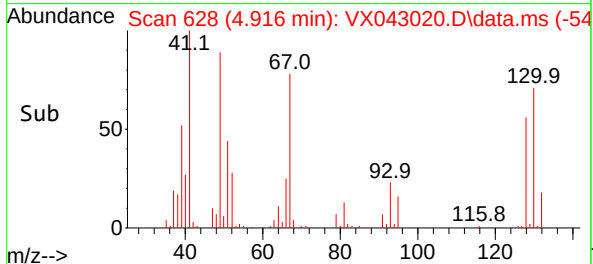
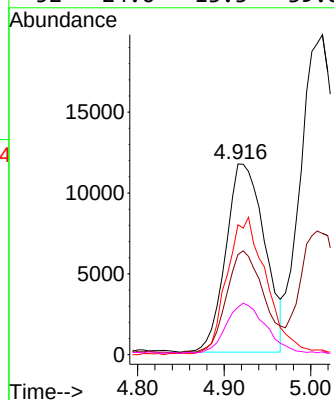
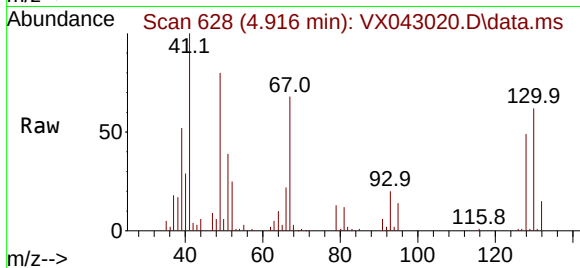


#35
Methacrylonitrile
Concen: 19.490 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 36392

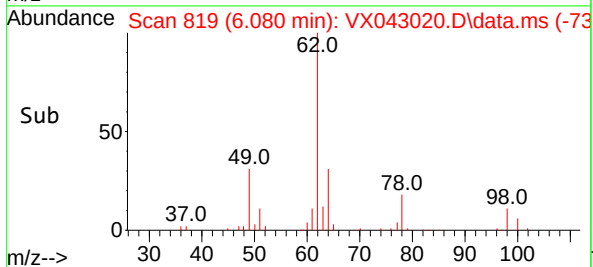
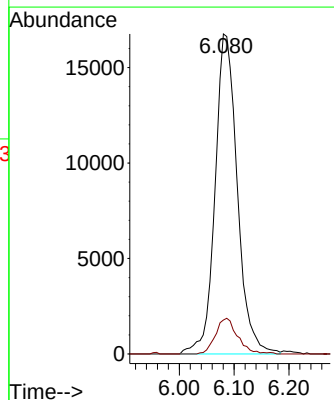
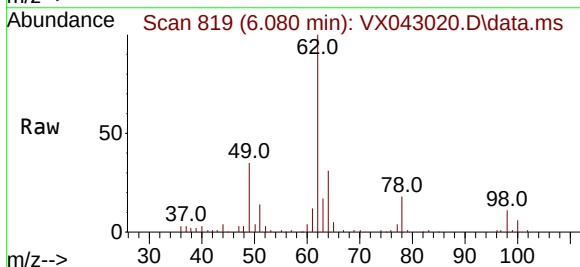
Ion	Ratio	Lower	Upper
41	100		
39	52.2	28.1	84.2
67	68.3	34.4	103.1
52	24.6	13.3	39.8

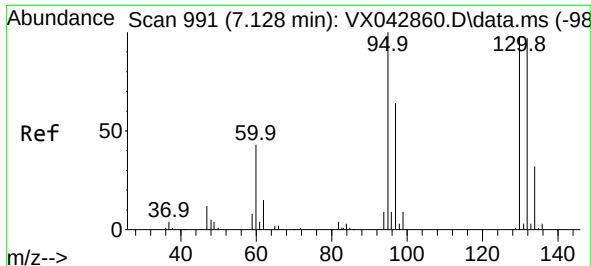


#36
1,2-Dichloroethane
Concen: 18.501 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 62 Resp: 47334

Ion	Ratio	Lower	Upper
62	100		
98	10.9	6.8	10.2#





#37

Trichloroethene

Concen: 19.675 ug/l

RT: 7.123 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

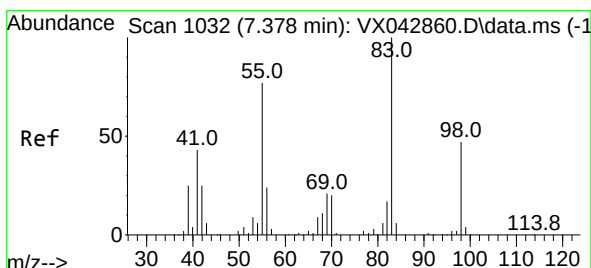
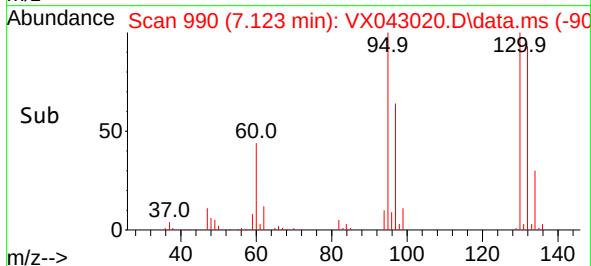
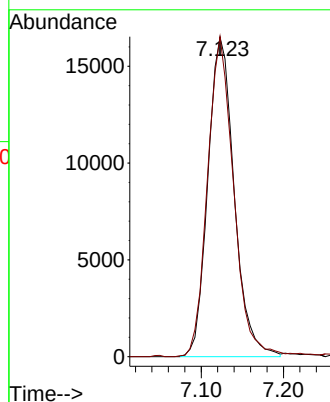
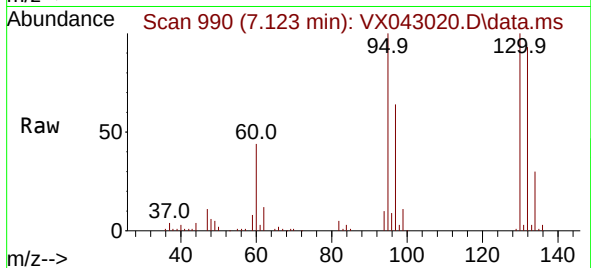
VSTDCCC020EC

Tgt Ion:130 Resp: 36715

Ion Ratio Lower Upper

130 100

95 99.8 81.4 122.2



#38

Methylcyclohexane

Concen: 19.983 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

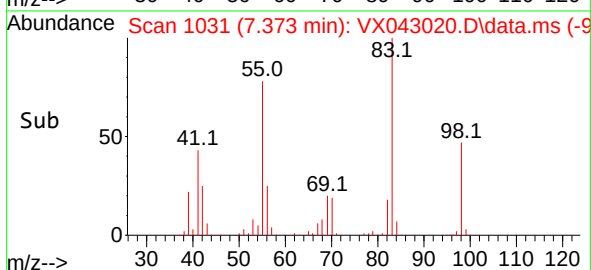
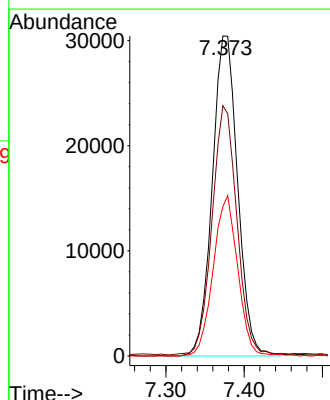
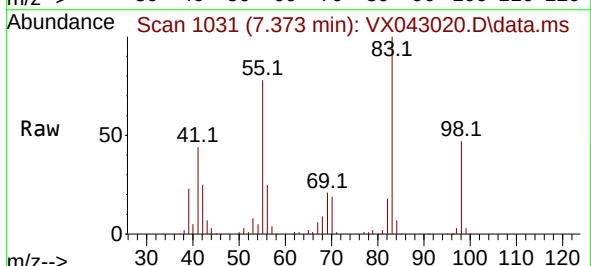
Tgt Ion: 83 Resp: 68583

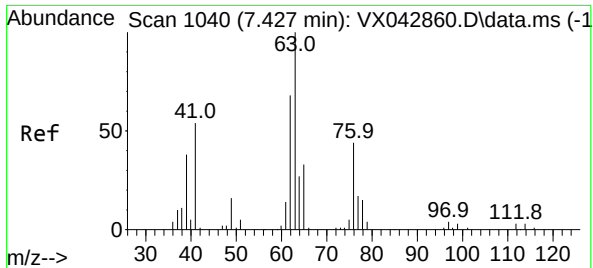
Ion Ratio Lower Upper

83 100

55 75.8 38.0 113.9

98 48.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.507 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

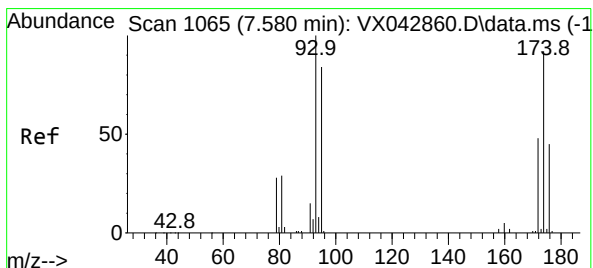
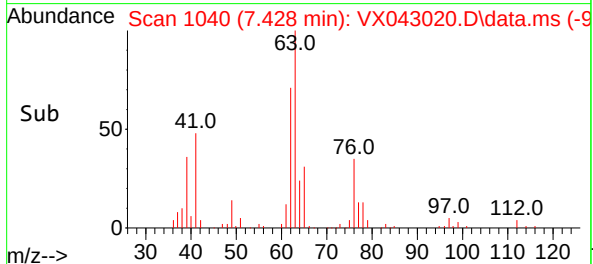
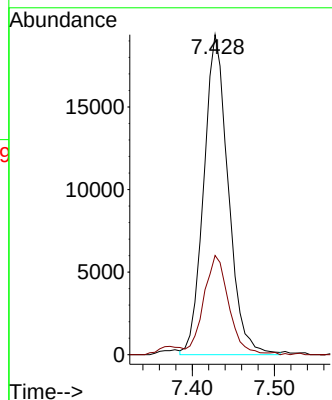
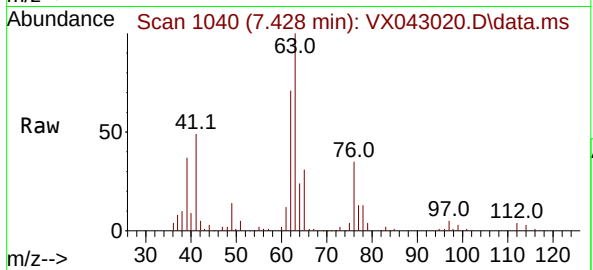
VSTDCCC020EC

Tgt Ion: 63 Resp: 40095

Ion Ratio Lower Upper

63 100

65 31.2 26.6 39.8



#40

Dibromomethane

Concen: 18.691 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

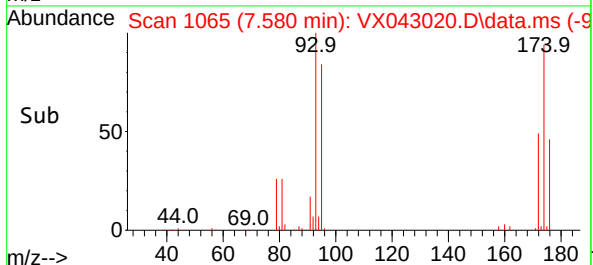
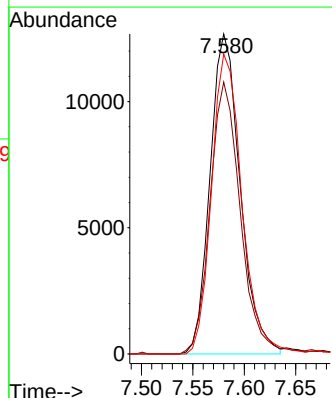
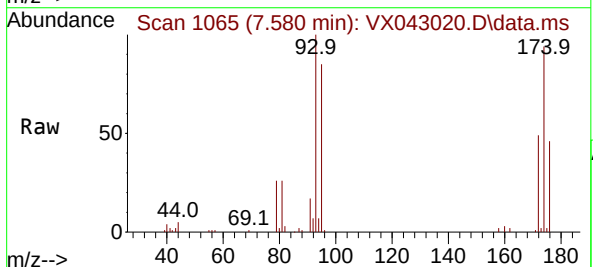
Tgt Ion: 93 Resp: 25846

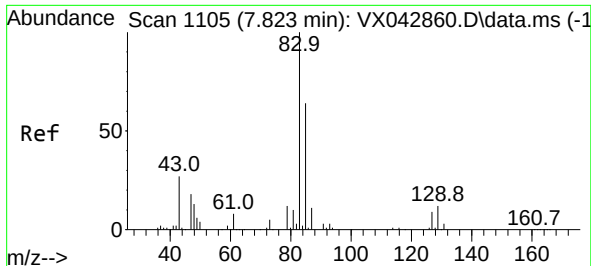
Ion Ratio Lower Upper

93 100

95 85.4 0.0 161.8

174 94.3 0.0 194.0

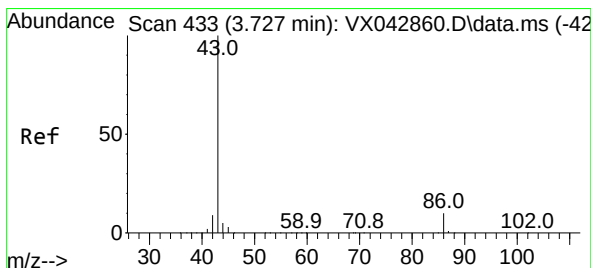
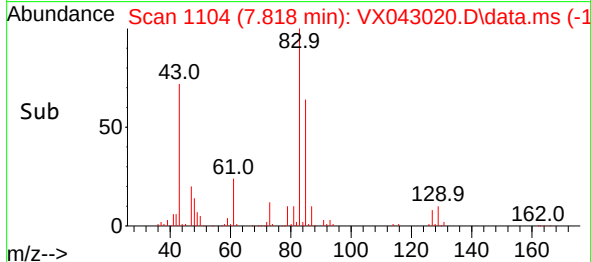
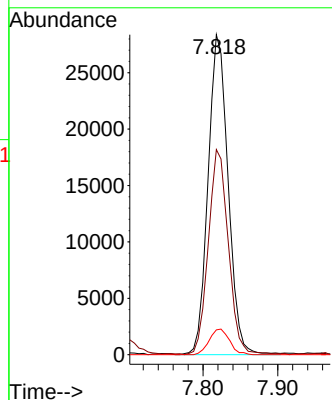
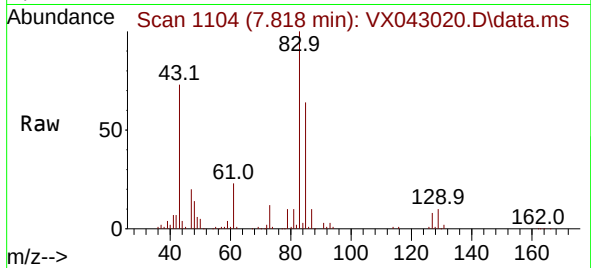




#41
Bromodichloromethane
Concen: 19.143 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

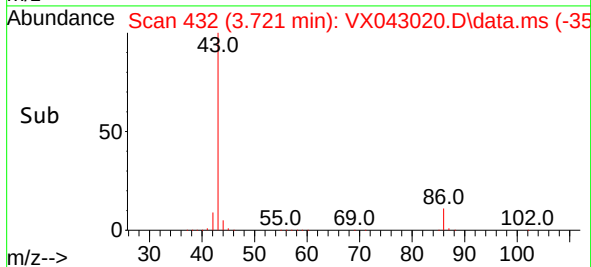
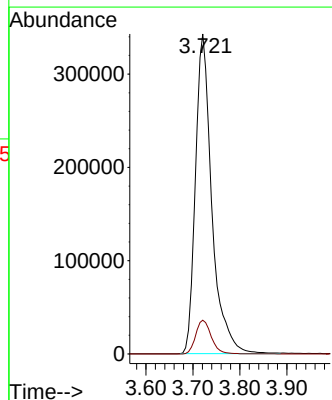
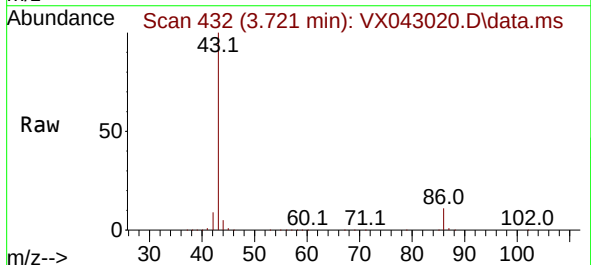
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

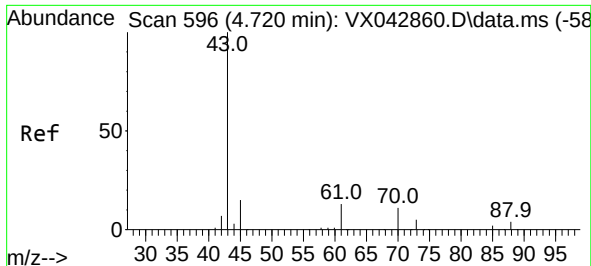
Tgt Ion: 83 Resp: 52830
Ion Ratio Lower Upper
83 100
85 63.8 50.8 76.2
127 7.8 6.9 10.3



#42
Vinyl Acetate
Concen: 102.373 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 43 Resp: 833096
Ion Ratio Lower Upper
43 100
86 10.0 7.2 10.8

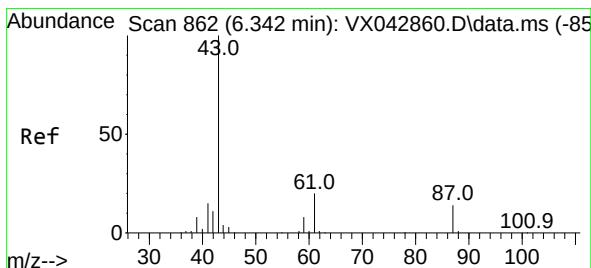
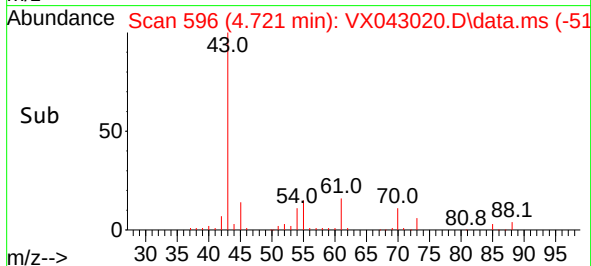
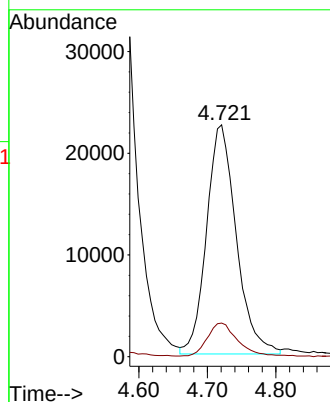
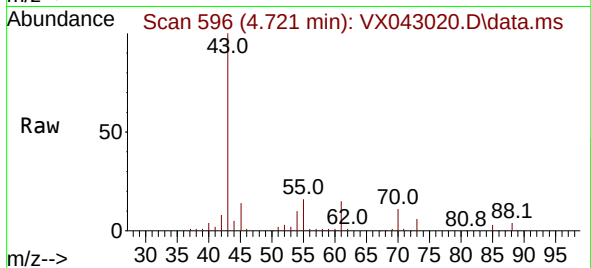




#43
Ethyl Acetate
Concen: 19.858 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

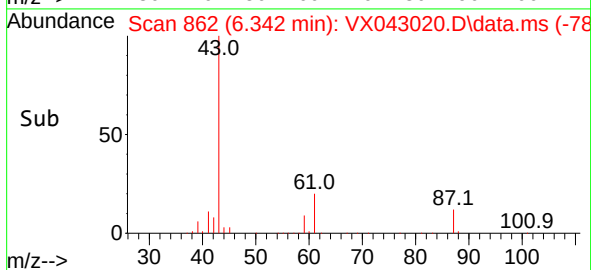
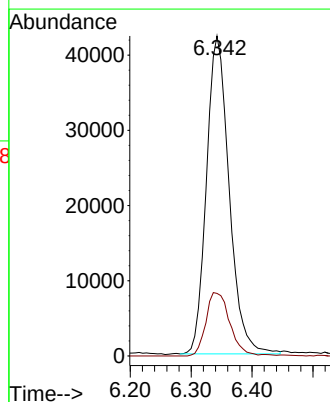
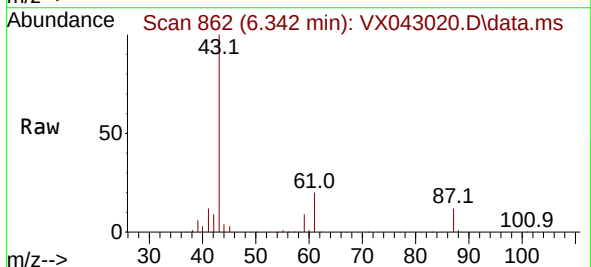
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

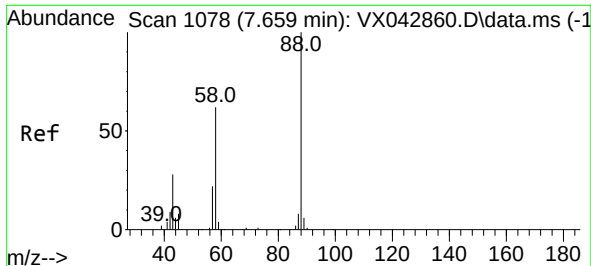
Tgt Ion: 43 Resp: 68034
Ion Ratio Lower Upper
43 100
45 14.3 12.5 18.7



#44
Isopropyl Acetate
Concen: 19.645 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 43 Resp: 109653
Ion Ratio Lower Upper
43 100
61 20.8 15.4 23.0

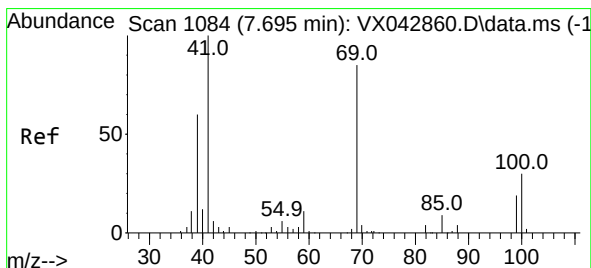
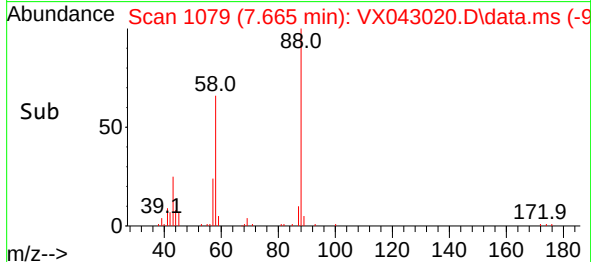
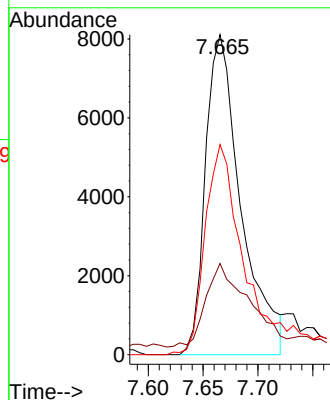
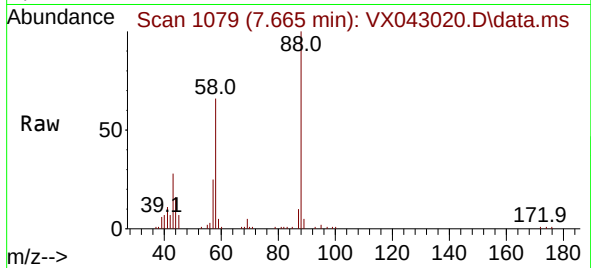




#45
1,4-Dioxane
Concen: 340.557 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

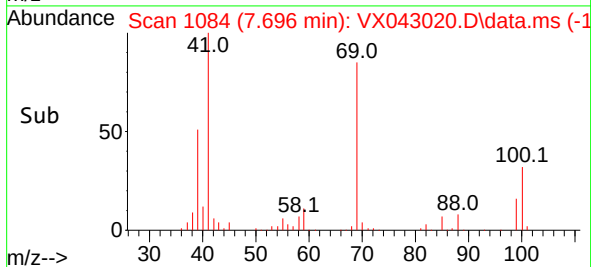
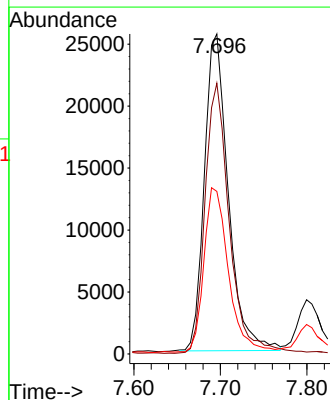
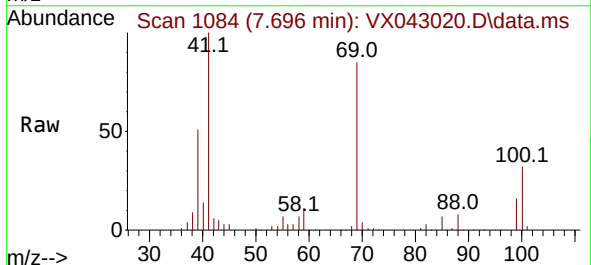
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

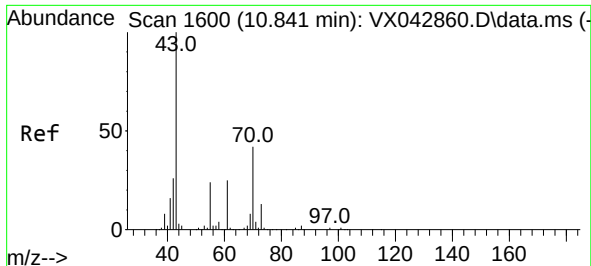
Tgt Ion:	88	Resp:	18350
Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.8	38.6
58	72.6	55.5	83.3



#46
Methyl methacrylate
Concen: 18.628 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion:	41	Resp:	49114
Ion	Ratio	Lower	Upper
41	100		
69	85.3	42.4	127.1
39	50.7	29.9	89.7

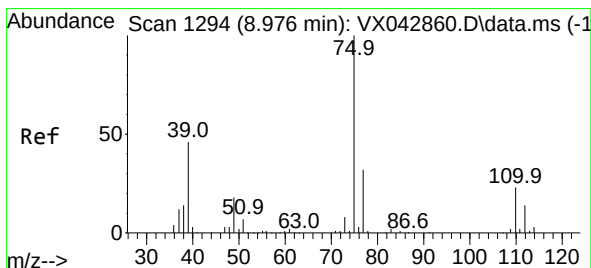
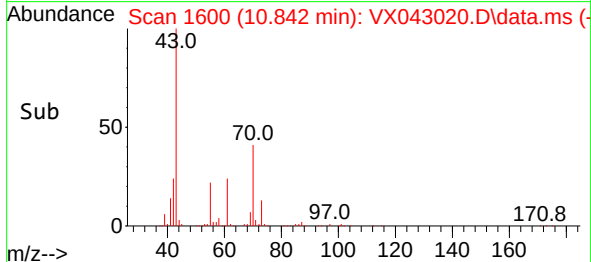
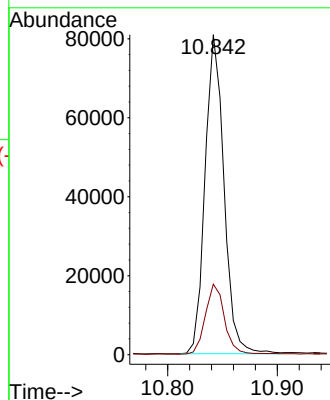
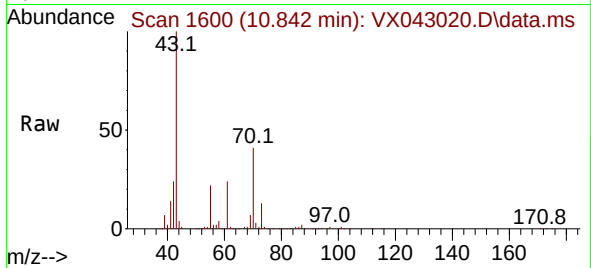




#47
n-amy1 Acetate
Concen: 19.623 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

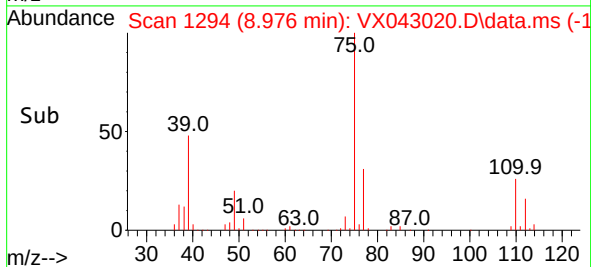
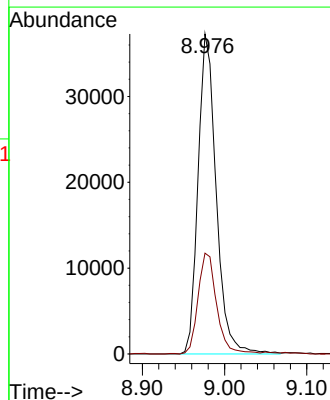
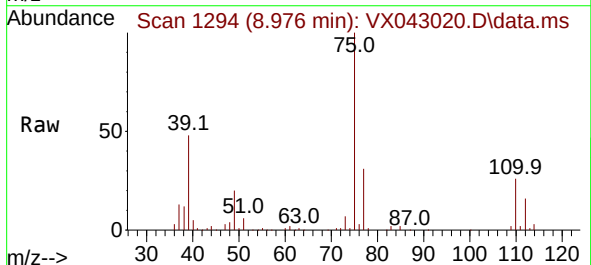
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

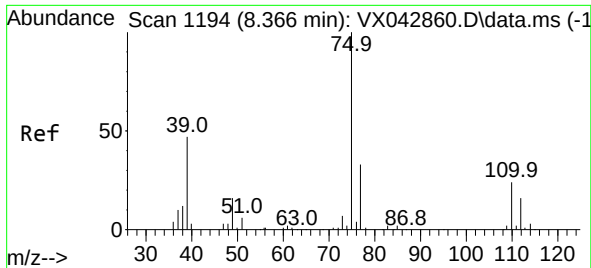
Tgt Ion: 43 Resp: 96702
Ion Ratio Lower Upper
43 100
55 22.3 19.6 29.4



#48
t-1,3-Dichloropropene
Concen: 18.695 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 75 Resp: 57248
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4





#49

cis-1,3-Dichloropropene

Concen: 19.228 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

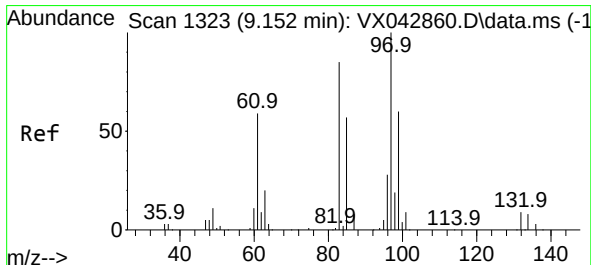
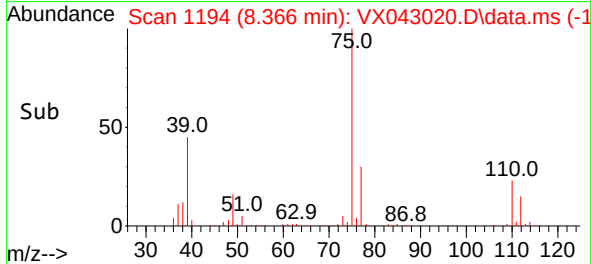
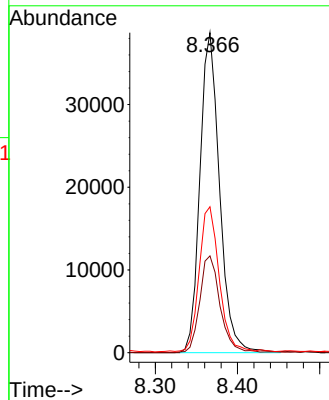
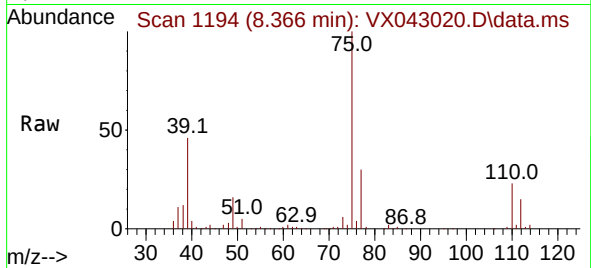
Tgt Ion: 75 Resp: 64260

Ion Ratio Lower Upper

75 100

77 30.0 26.8 40.2

39 45.1 37.5 56.3



#50

1,1,2-Trichloroethane

Concen: 19.659 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Tgt Ion: 97 Resp: 37453

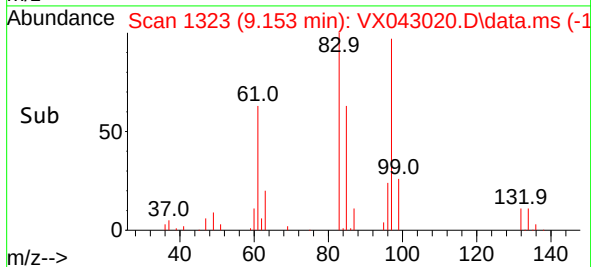
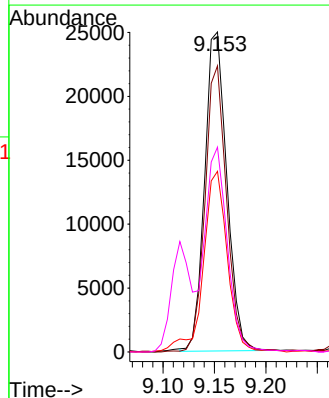
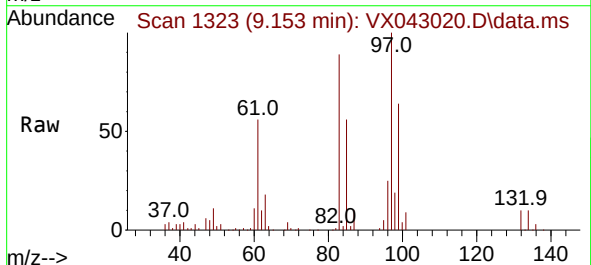
Ion Ratio Lower Upper

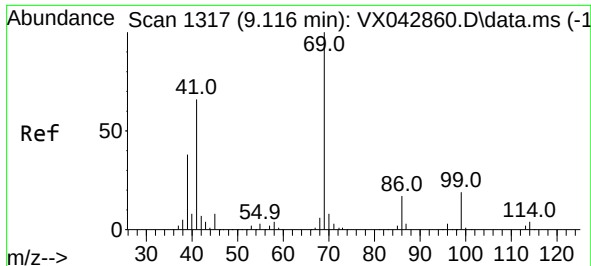
97 100

83 89.6 68.2 102.2

85 56.3 45.4 68.0

99 64.0 49.0 73.4

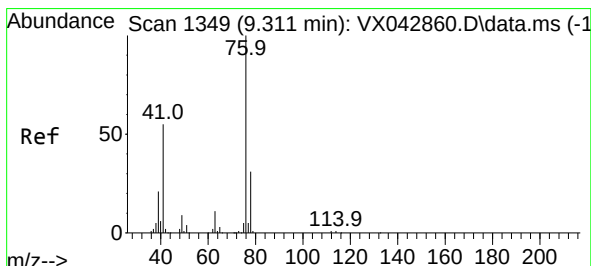
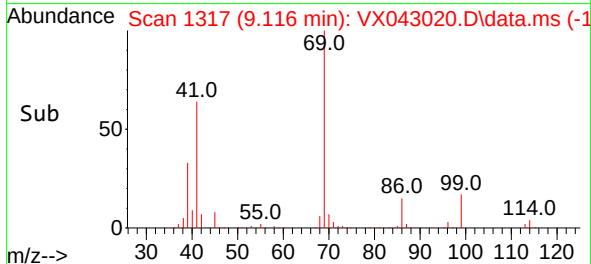
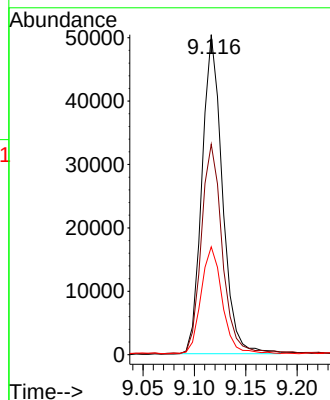
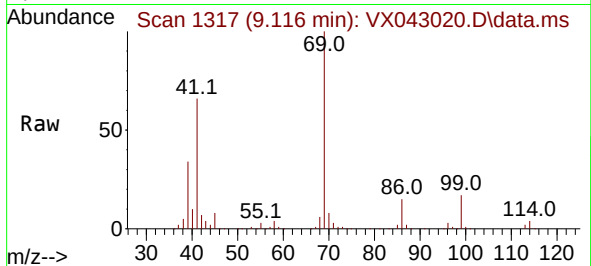




#51
Ethyl methacrylate
Concen: 19.270 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

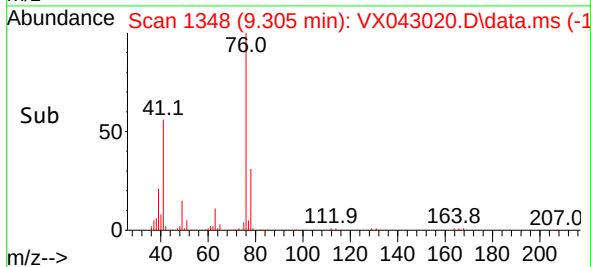
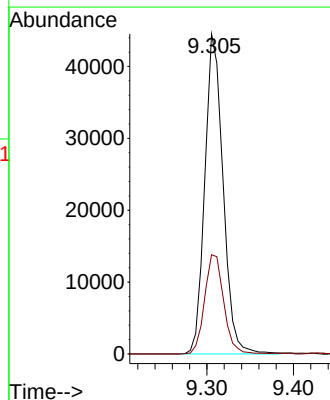
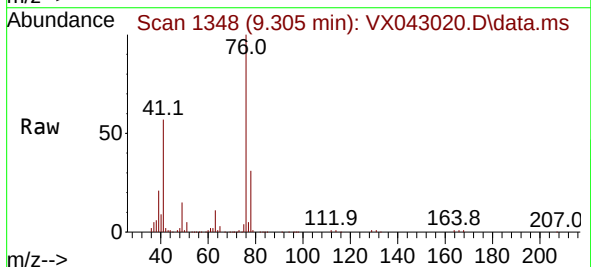
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

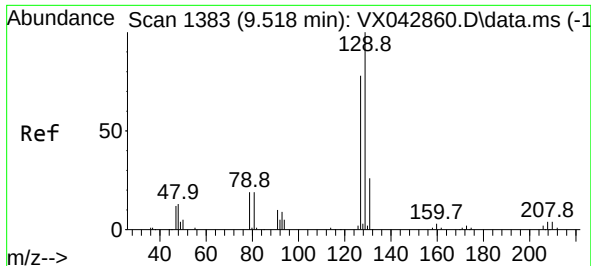
Tgt Ion: 69 Resp: 69718
Ion Ratio Lower Upper
69 100
41 65.6 33.1 99.2
39 33.4 18.8 56.3



#52
1,3-Dichloropropane
Concen: 19.542 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 76 Resp: 65322
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.8

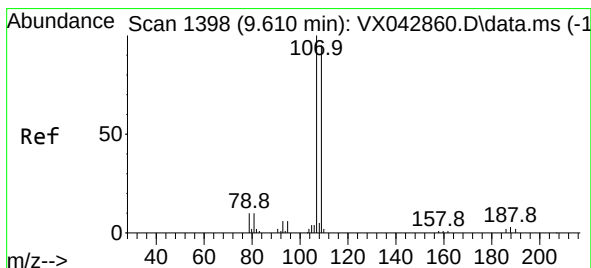
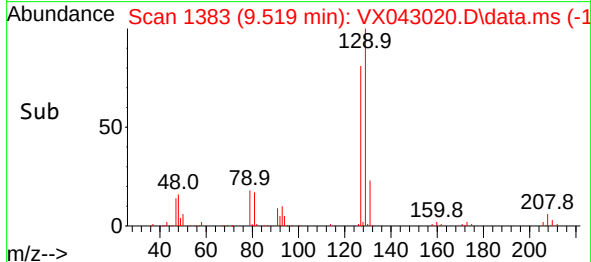
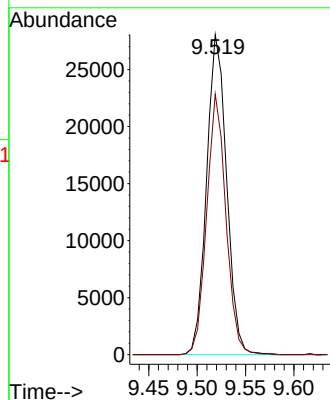
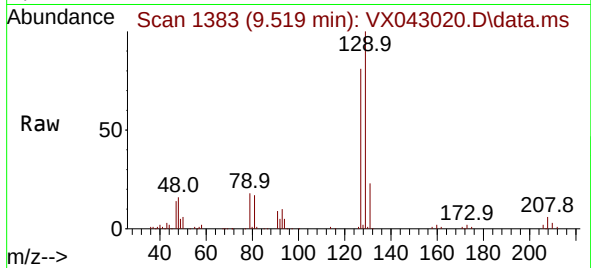




#53
Dibromochloromethane
Concen: 19.586 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

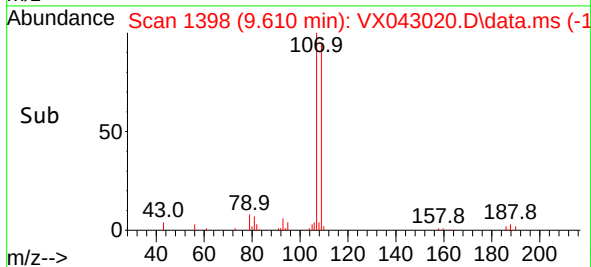
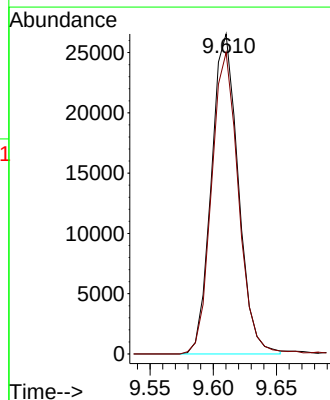
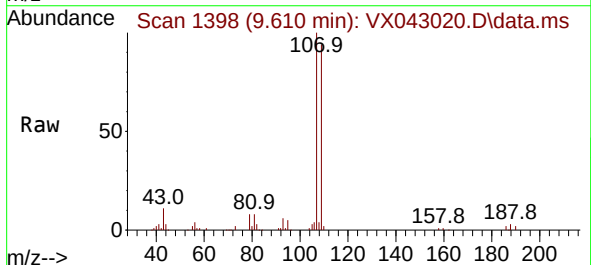
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

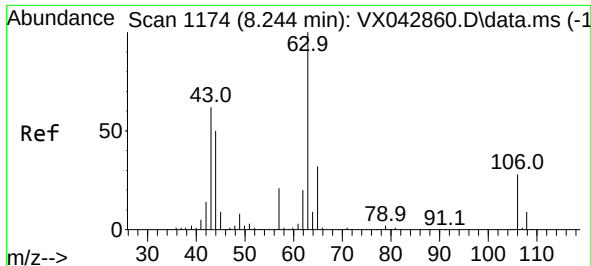
Tgt Ion:129 Resp: 40526
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3



#54
1,2-Dibromoethane
Concen: 19.823 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion:107 Resp: 39194
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.4

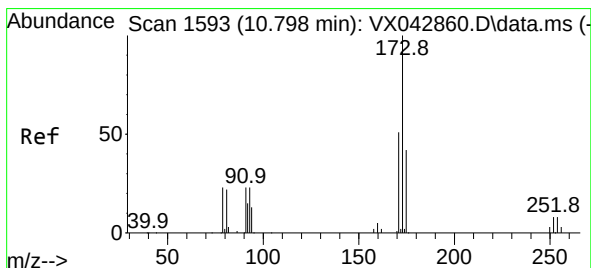
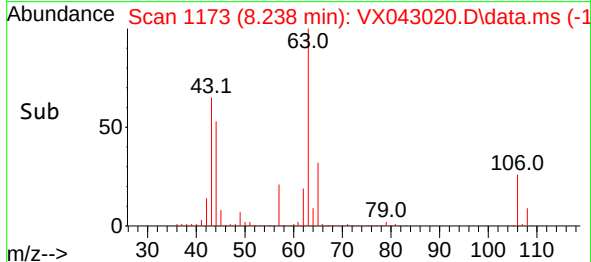
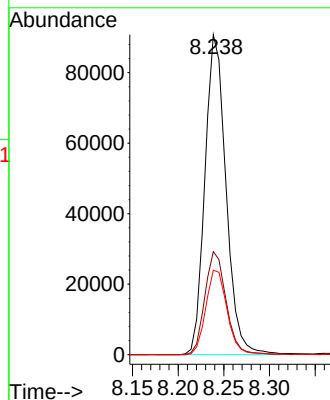
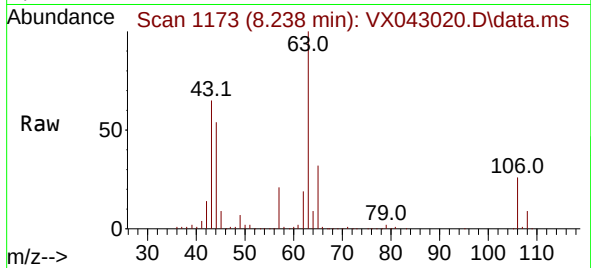




#55
2-Chloroethyl vinyl ether
Concen: 87.929 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

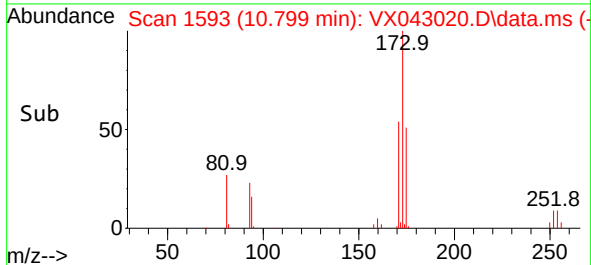
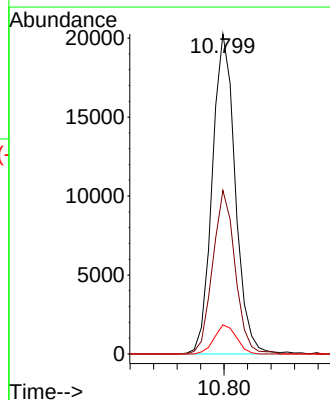
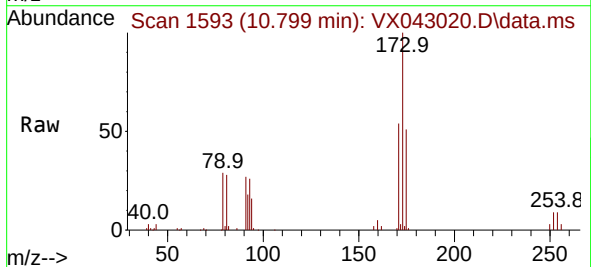
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

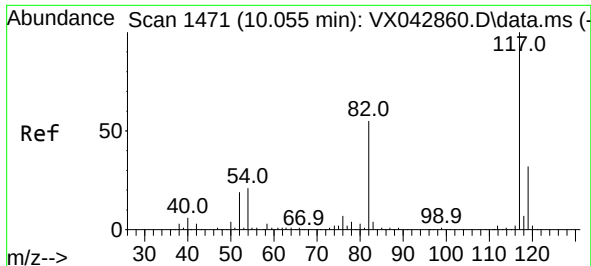
Tgt Ion: 63 Resp: 145752
Ion Ratio Lower Upper
63 100
65 32.4 26.3 39.5
106 26.8 21.8 32.6



#56
Bromoform
Concen: 19.028 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion:173 Resp: 27505
Ion Ratio Lower Upper
173 100
175 49.8 37.1 55.7
254 8.8 6.6 10.0

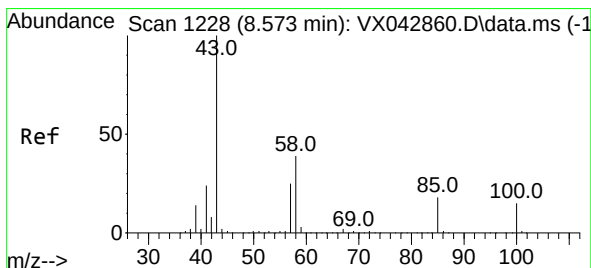
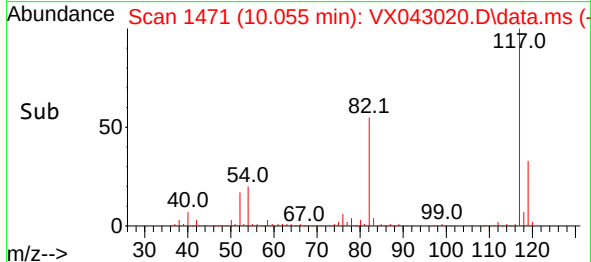
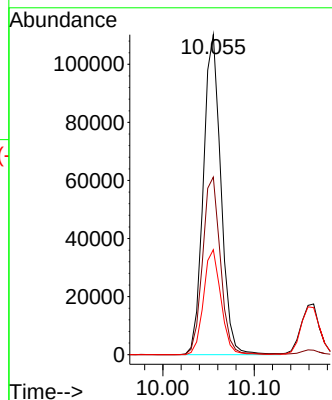
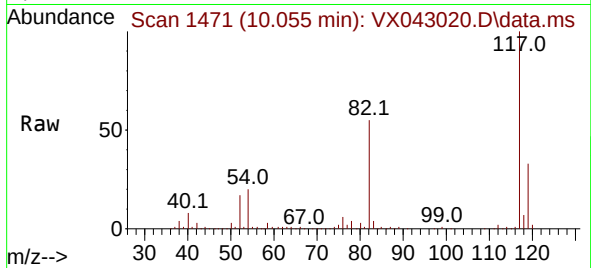




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

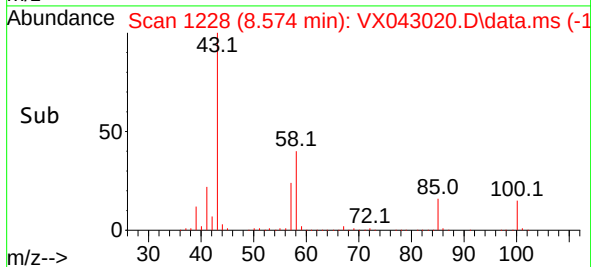
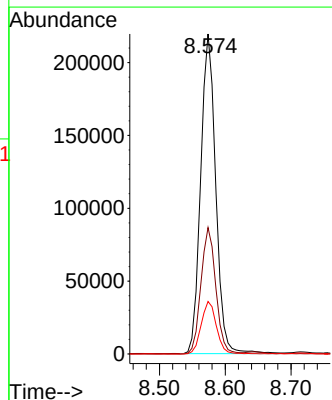
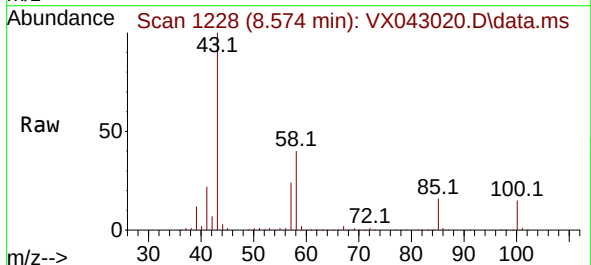
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

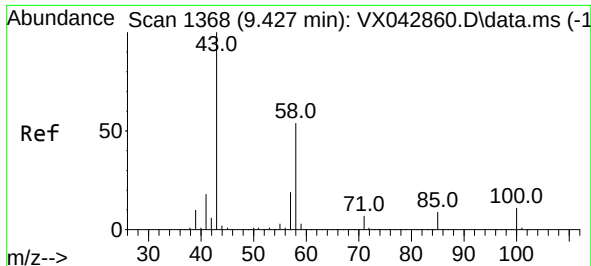
Tgt Ion:117 Resp: 146865
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 32.5 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 103.025 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 43 Resp: 349904
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.0
85 16.6 14.6 21.8

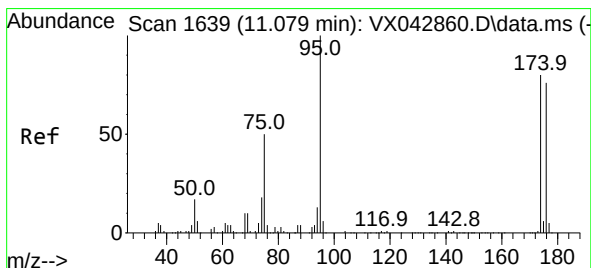
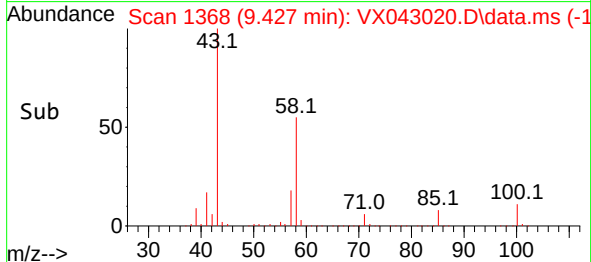
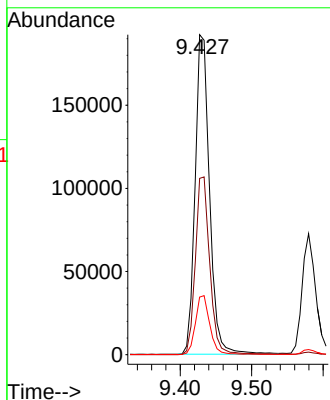
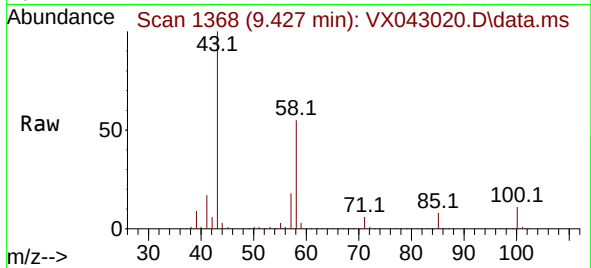




#59
2-Hexanone
Concen: 101.634 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

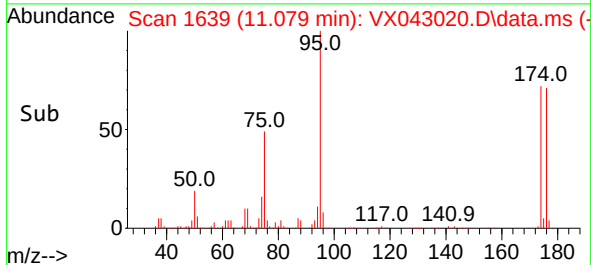
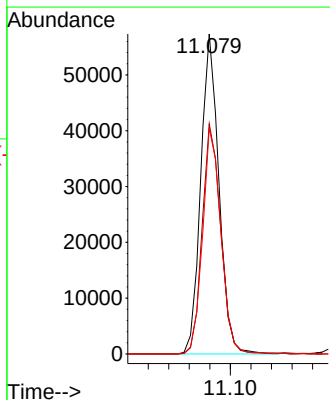
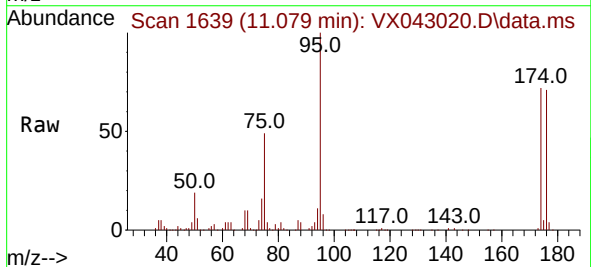
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

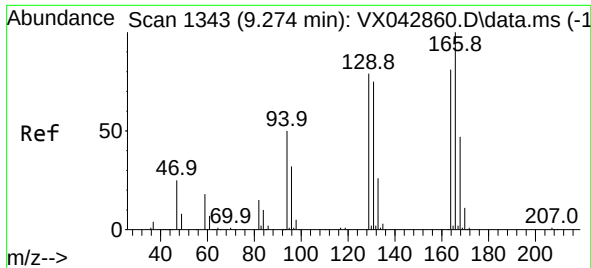
Tgt Ion: 43 Resp: 269496
Ion Ratio Lower Upper
43 100
58 55.8 43.5 65.3
57 18.3 15.0 22.6



#60
4-Bromofluorobenzene
Concen: 28.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 95 Resp: 70505
Ion Ratio Lower Upper
95 100
174 73.2 65.0 97.6
176 71.0 63.4 95.0



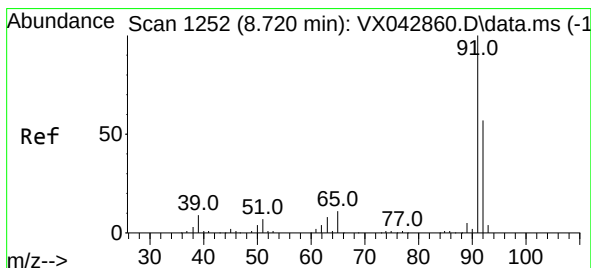
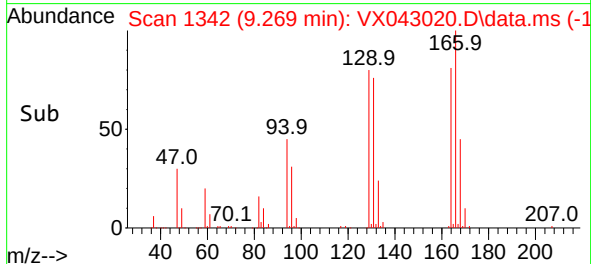
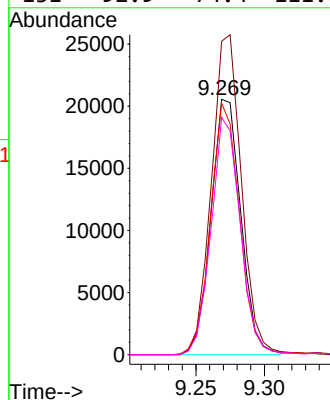
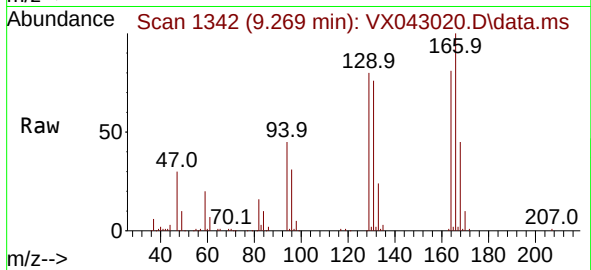


#61
 Tetrachloroethene
 Concen: 20.057 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:164 Resp: 31071

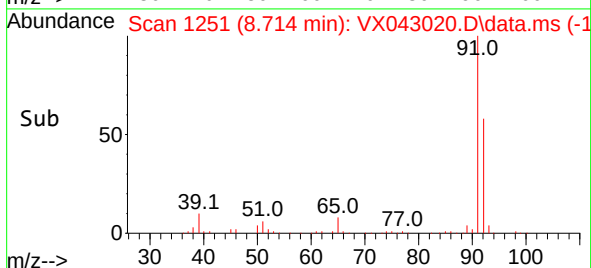
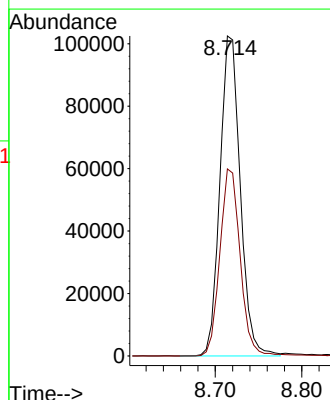
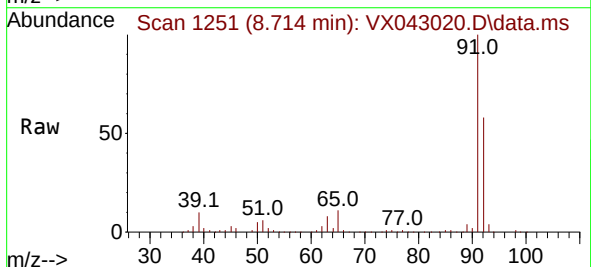
Ion	Ratio	Lower	Upper
164	100		
166	122.5	98.6	147.8
129	98.4	77.4	116.0
131	92.9	74.4	111.6

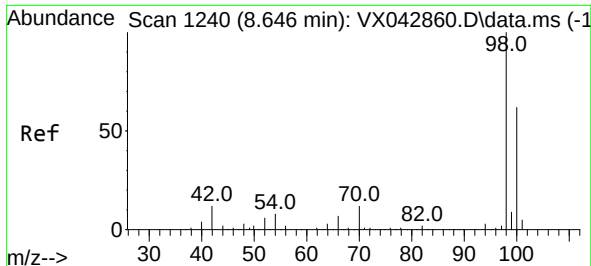


#62
 Toluene
 Concen: 19.919 ug/l
 RT: 8.714 min Scan# 1251
 Delta R.T. -0.006 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

Tgt Ion: 91 Resp: 167111

Ion	Ratio	Lower	Upper
91	100		
92	58.6	45.7	68.5

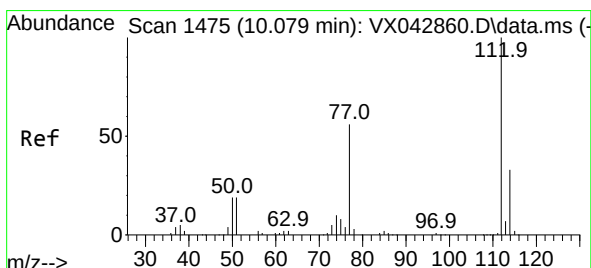
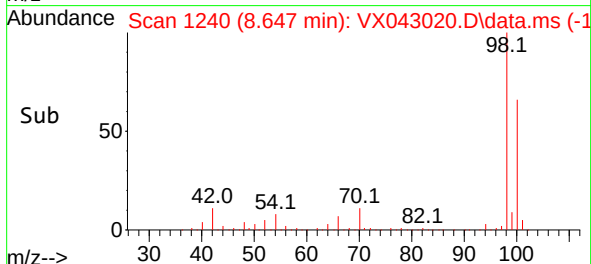
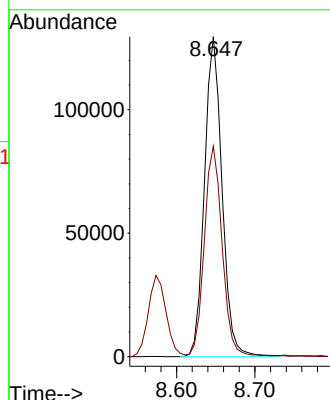
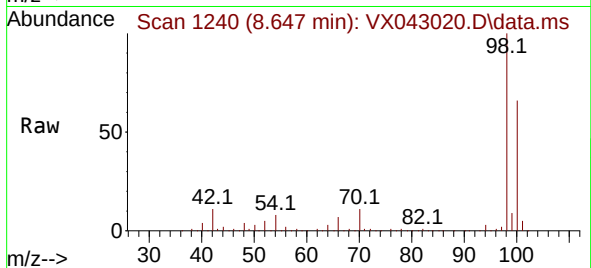




#63
Toluene-d8
Concen: 29.904 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

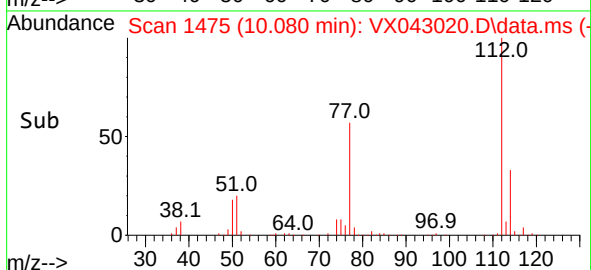
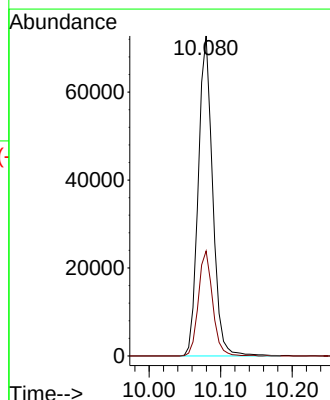
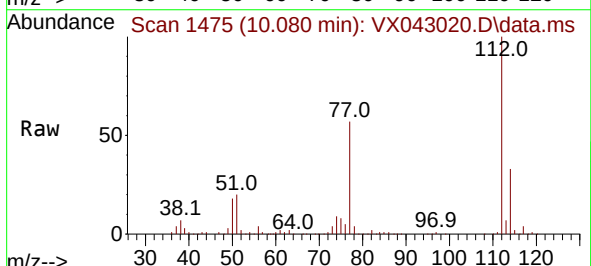
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

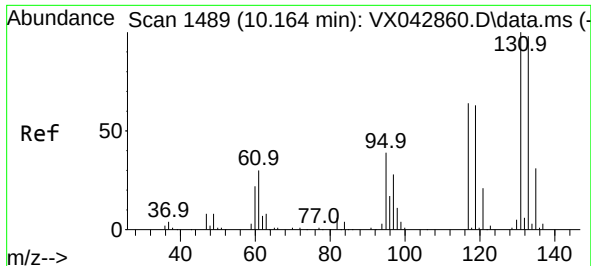
Tgt Ion: 98 Resp: 201749
Ion Ratio Lower Upper
98 100
100 67.0 50.9 76.3



#64
Chlorobenzene
Concen: 19.752 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 112 Resp: 101618
Ion Ratio Lower Upper
112 100
114 32.8 26.3 39.5

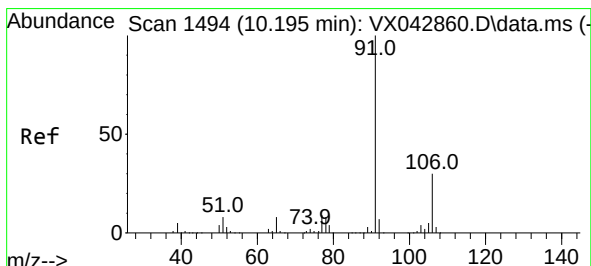
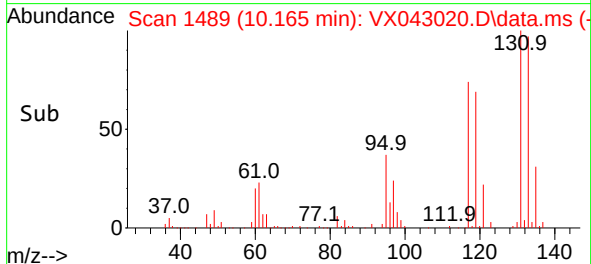
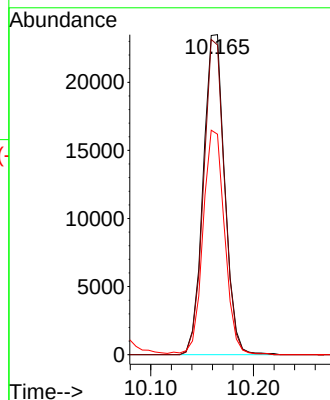
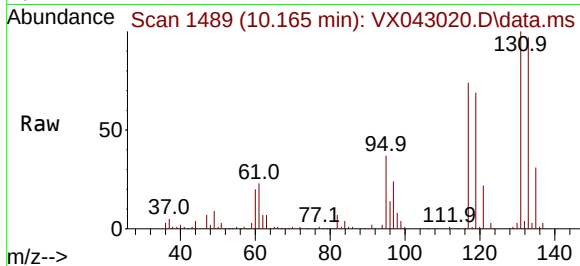




#65
1,1,1,2-Tetrachloroethane
Concen: 19.581 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

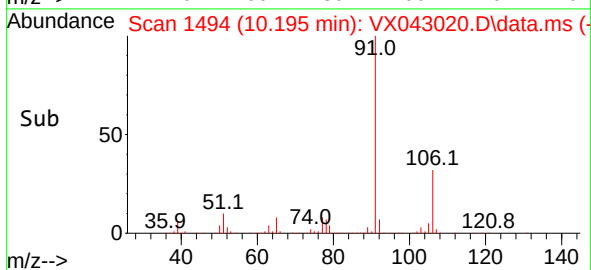
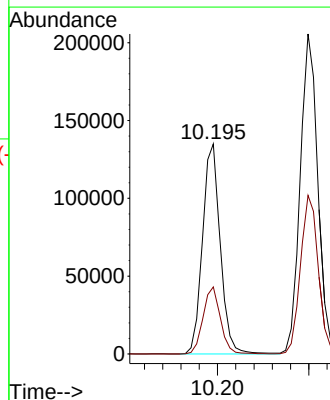
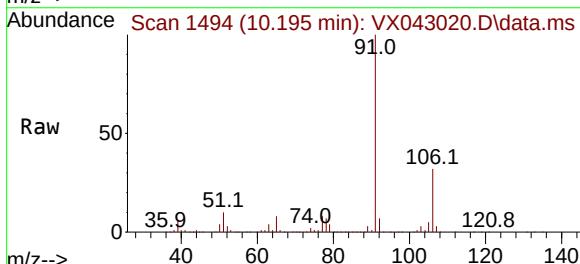
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

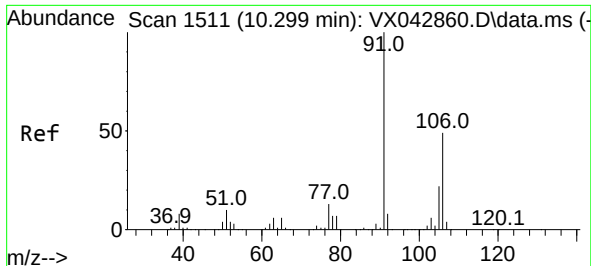
Tgt Ion:131 Resp: 34213
Ion Ratio Lower Upper
131 100
133 96.1 0.0 188.2
119 70.1 0.0 131.0



#66
Ethyl Benzene
Concen: 20.002 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 91 Resp: 182358
Ion Ratio Lower Upper
91 100
106 31.9 23.8 35.8

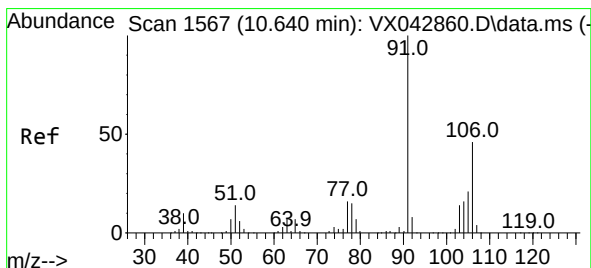
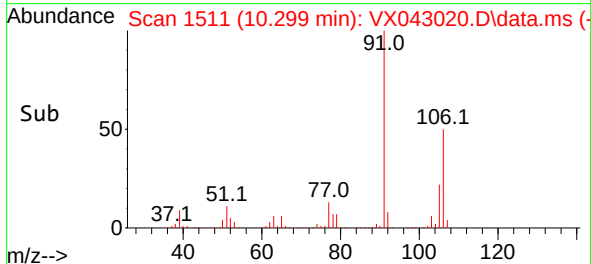
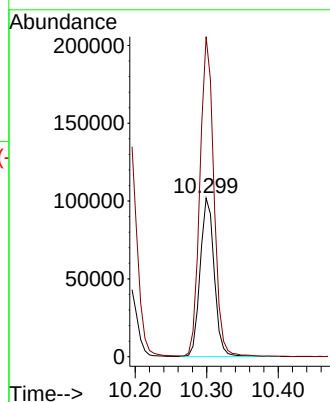
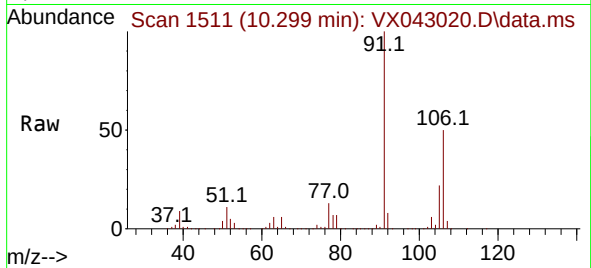




#67
m/p-Xylenes
Concen: 40.885 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

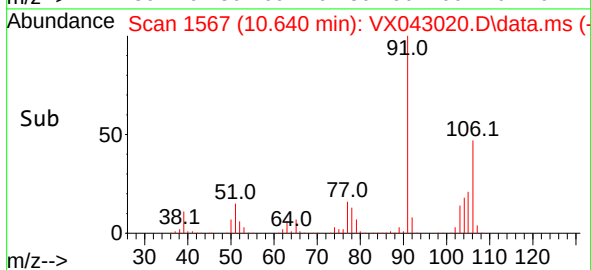
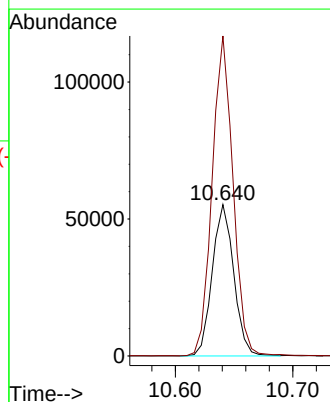
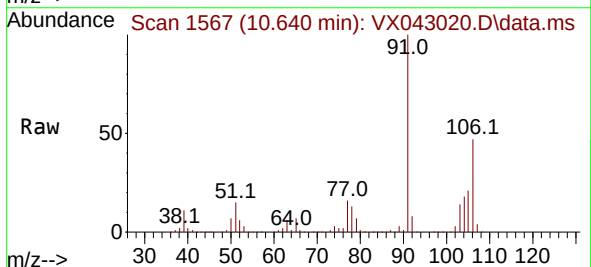
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

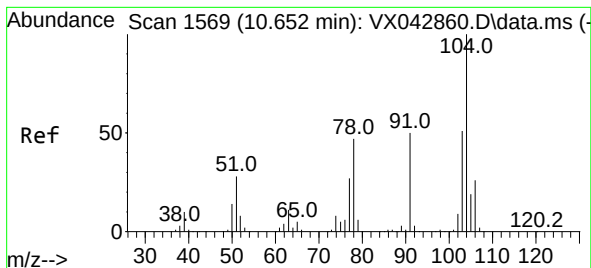
Tgt Ion:106 Resp: 139399
Ion Ratio Lower Upper
106 100
91 199.8 165.3 247.9



#68
o-Xylene
Concen: 20.392 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion:106 Resp: 70327
Ion Ratio Lower Upper
106 100
91 205.5 107.5 322.4





#69

Styrene

Concen: 20.042 ug/l

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

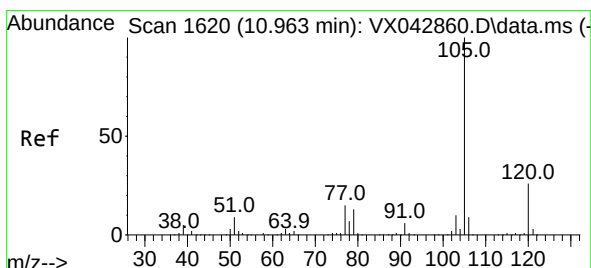
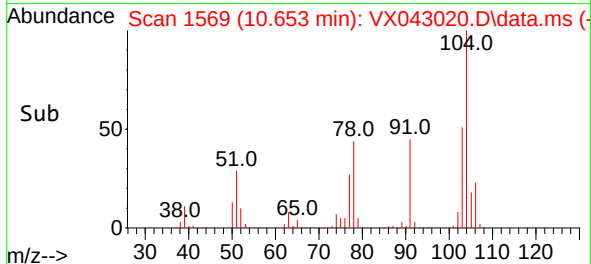
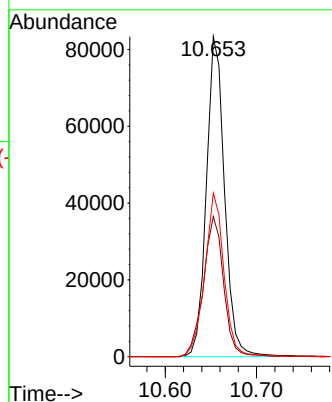
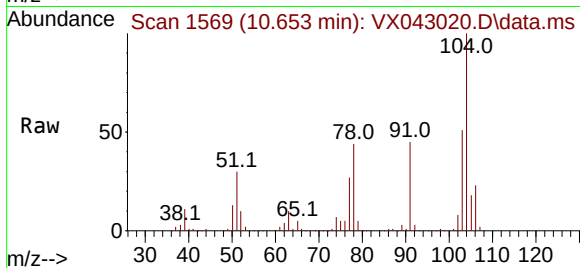
Tgt Ion:104 Resp: 115178

Ion Ratio Lower Upper

104 100

78 48.6 41.1 61.7

103 54.4 44.2 66.2



#70

Isopropylbenzene

Concen: 20.492 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX043020.D

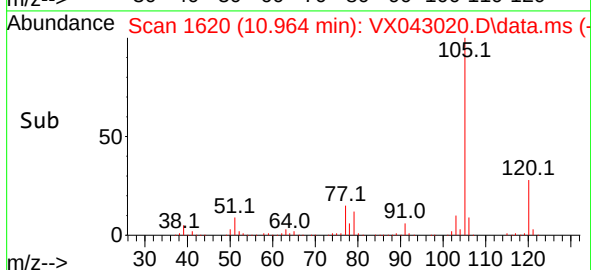
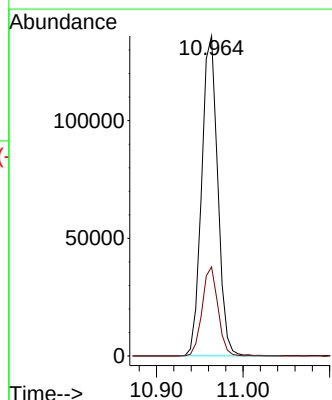
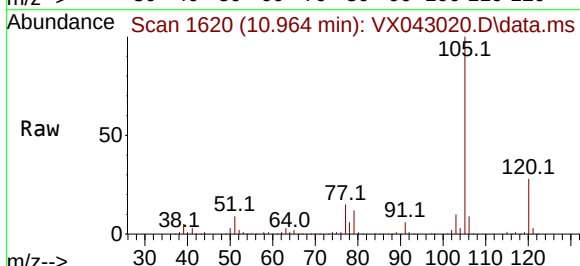
Acq: 13 Aug 2024 17:28

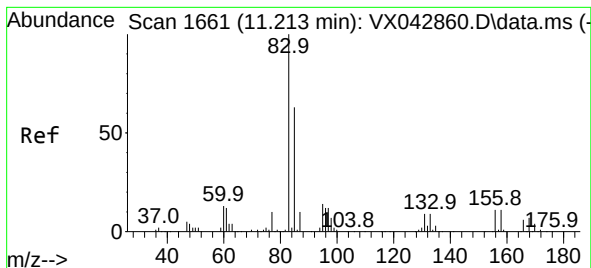
Tgt Ion:105 Resp: 175318

Ion Ratio Lower Upper

105 100

120 27.3 18.4 34.2





#71

1,1,2,2-Tetrachloroethane

Concen: 20.420 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

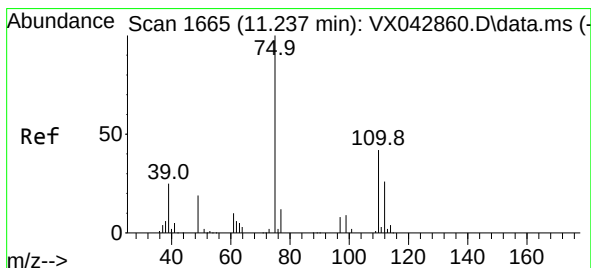
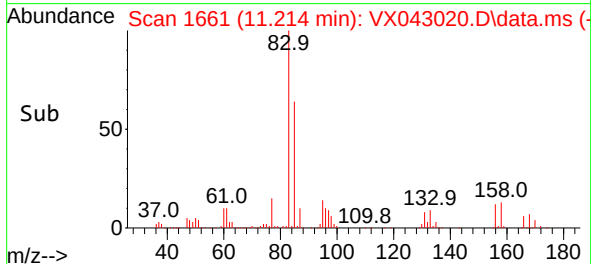
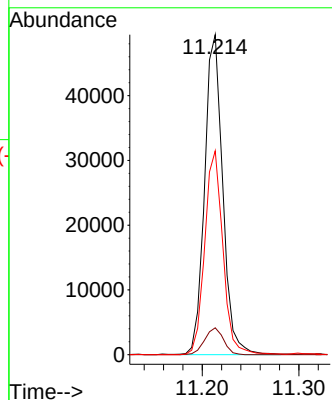
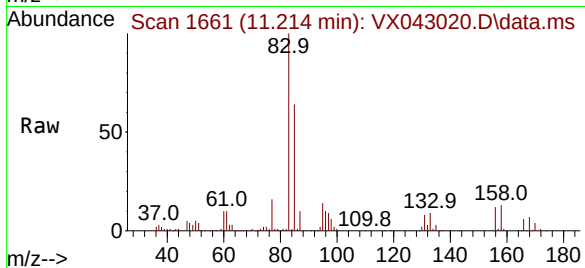
Tgt Ion: 83 Resp: 64726

Ion Ratio Lower Upper

83 100

131 8.7 4.9 14.7

85 63.8 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 18.716 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043020.D

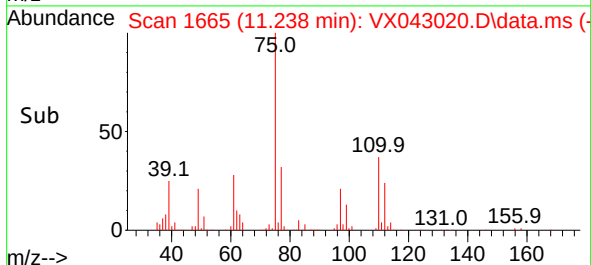
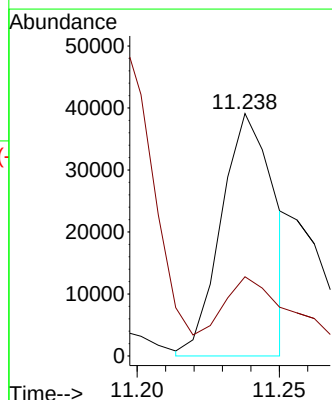
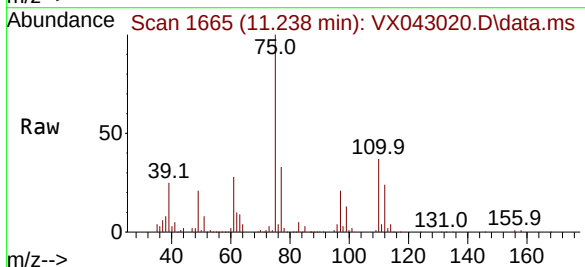
Acq: 13 Aug 2024 17:28

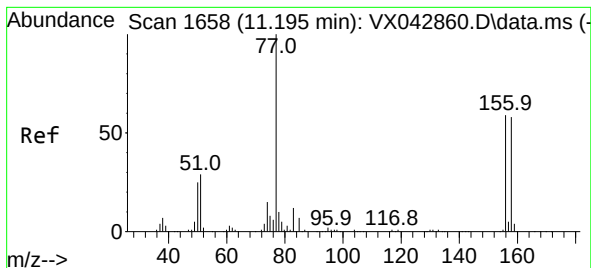
Tgt Ion: 75 Resp: 50773

Ion Ratio Lower Upper

75 100

77 45.9 0.0 89.6





#73

Bromobenzene

Concen: 20.271 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

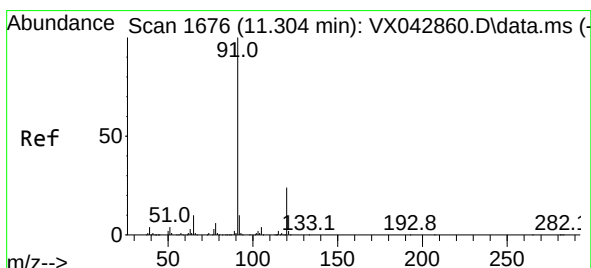
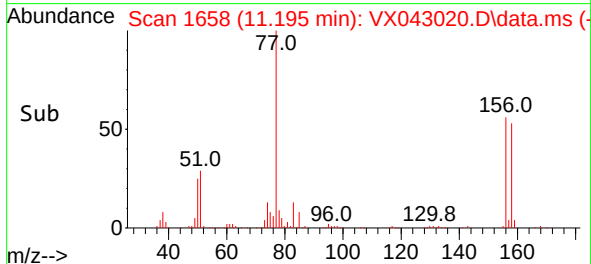
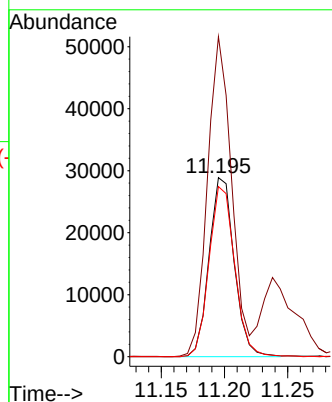
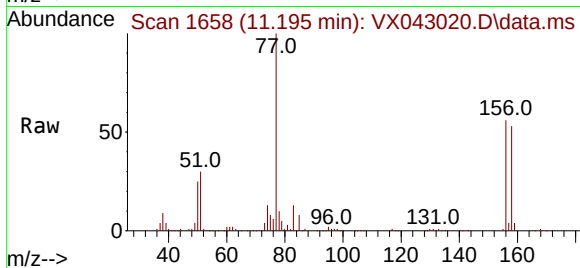
Tgt Ion:156 Resp: 39834

Ion Ratio Lower Upper

156 100

77 171.6 0.0 317.2

158 97.0 0.0 195.2



#74

n-propylbenzene

Concen: 20.198 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043020.D

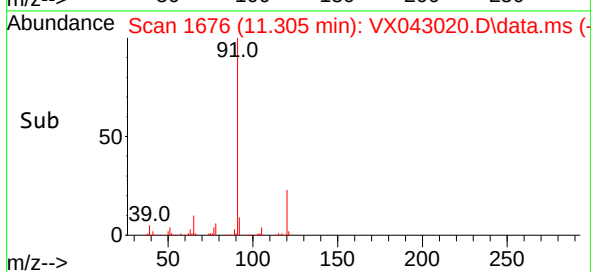
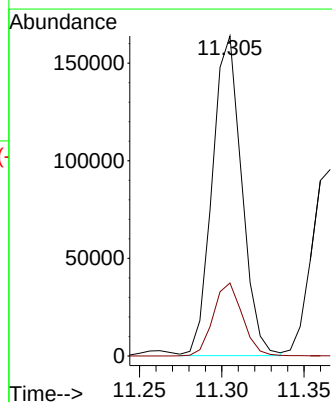
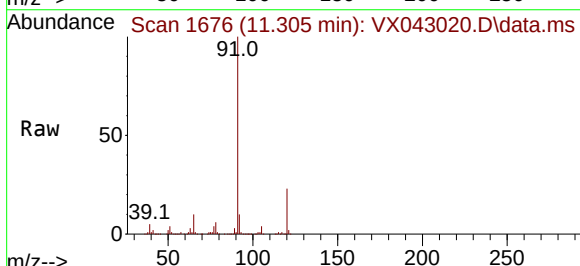
Acq: 13 Aug 2024 17:28

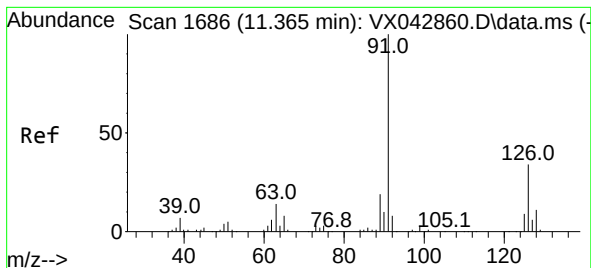
Tgt Ion: 91 Resp: 203929

Ion Ratio Lower Upper

91 100

120 22.5 0.0 45.8

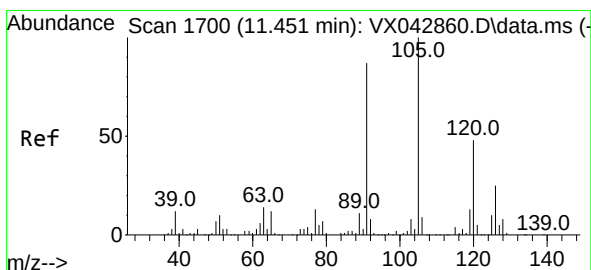
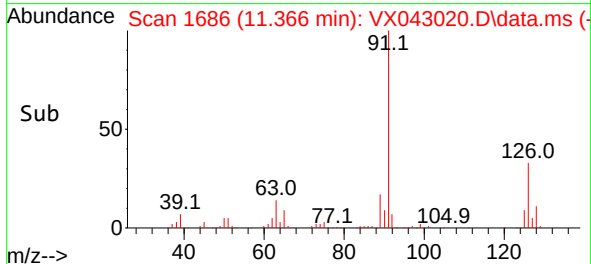
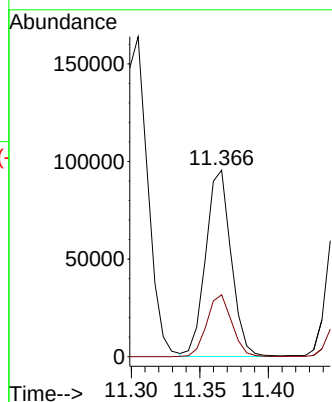
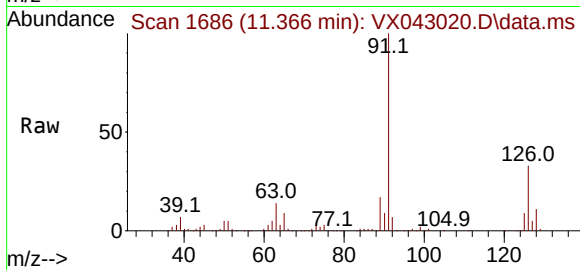




#75
2-Chlorotoluene
Concen: 19.790 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

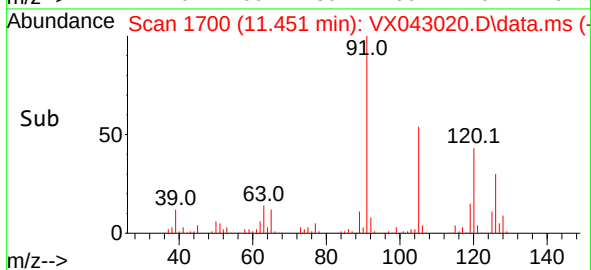
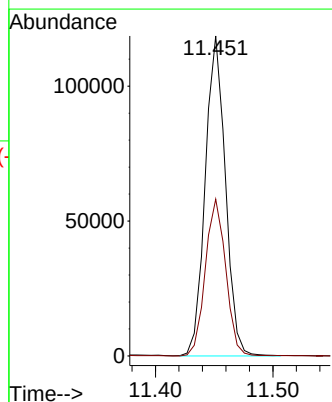
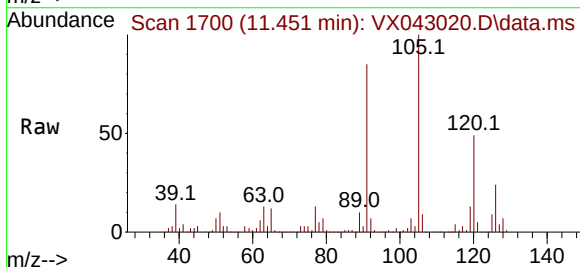
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

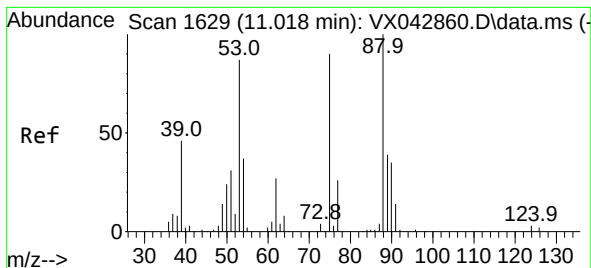
Tgt Ion: 91 Resp: 123591
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 20.265 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 105 Resp: 141409
Ion Ratio Lower Upper
105 100
120 49.8 0.0 94.8

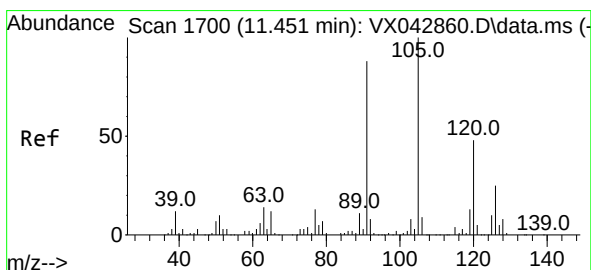
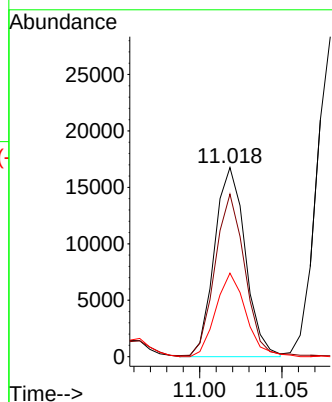
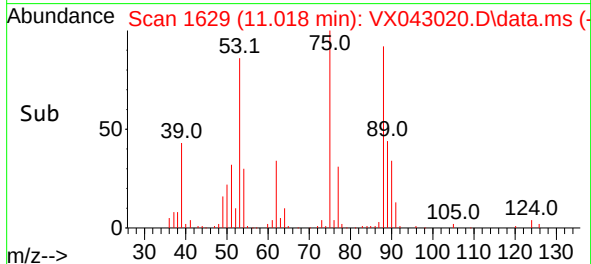
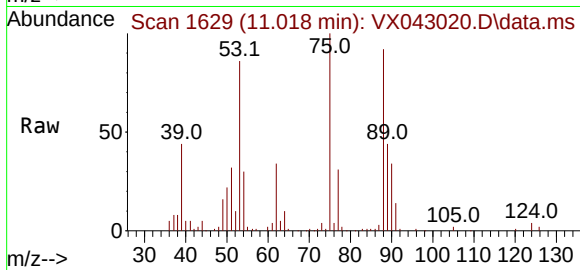




#77
t-1,4-Dichloro-2-butene
Concen: 17.308 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

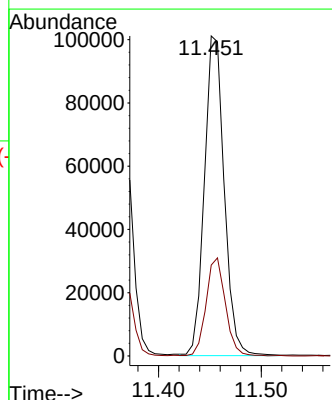
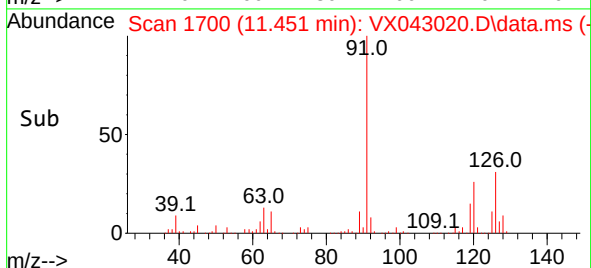
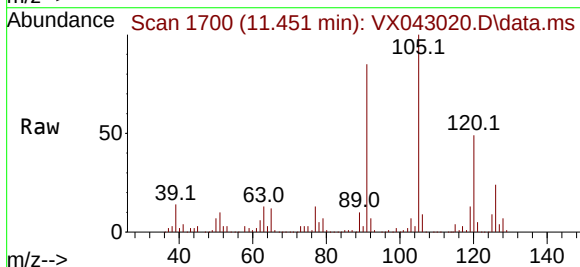
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

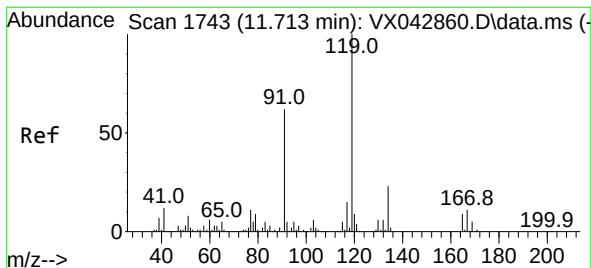
Tgt Ion: 75 Resp: 21919
Ion Ratio Lower Upper
75 100
53 85.4 48.5 145.5
89 44.1 21.9 65.5



#78
4-Chlorotoluene
Concen: 20.027 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 91 Resp: 135791
Ion Ratio Lower Upper
91 100
126 29.8 0.0 59.4





#79

tert-butylbenzene

Concen: 20.678 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

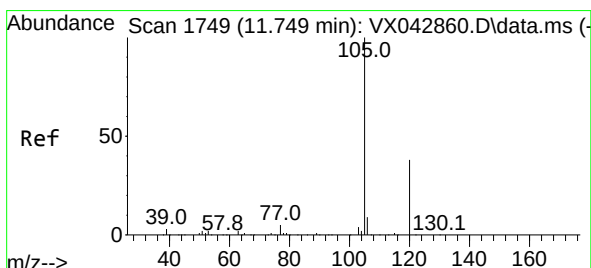
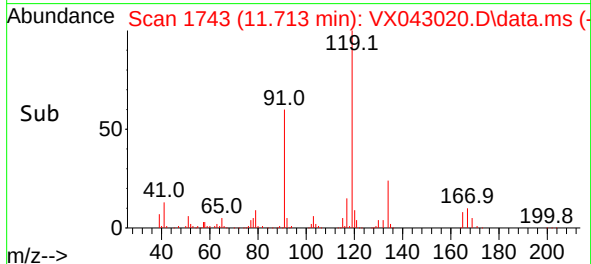
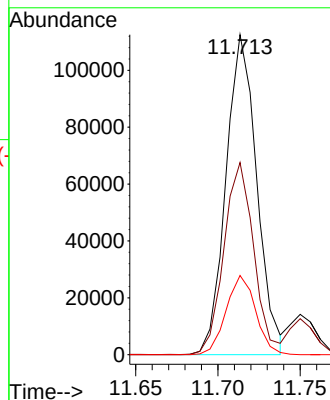
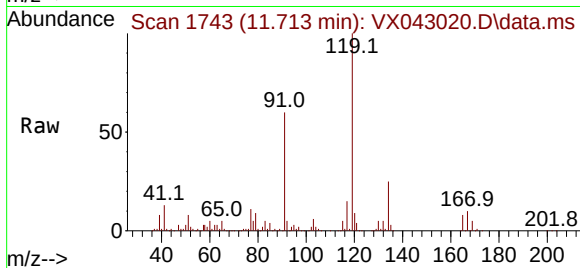
Tgt Ion:119 Resp: 146967

Ion Ratio Lower Upper

119 100

91 58.1 0.0 118.6

134 23.8 0.0 44.4



#80

1,2,4-Trimethylbenzene

Concen: 20.022 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043020.D

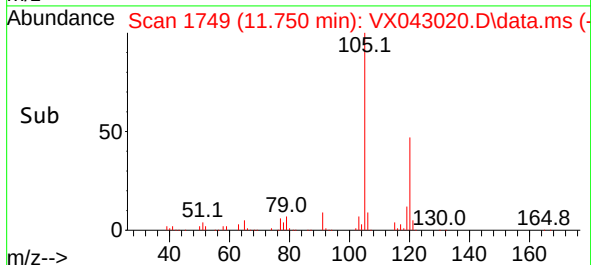
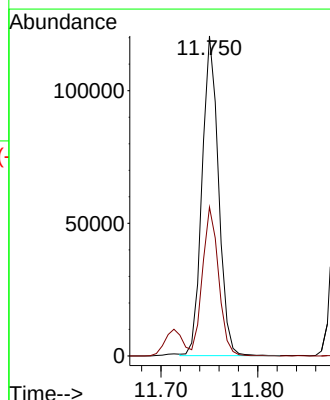
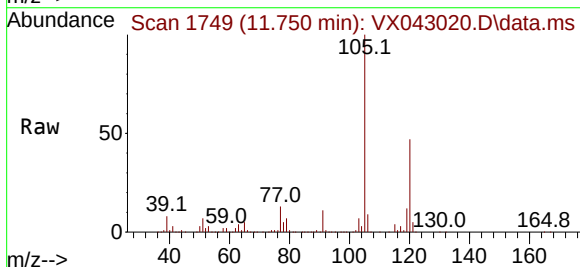
Acq: 13 Aug 2024 17:28

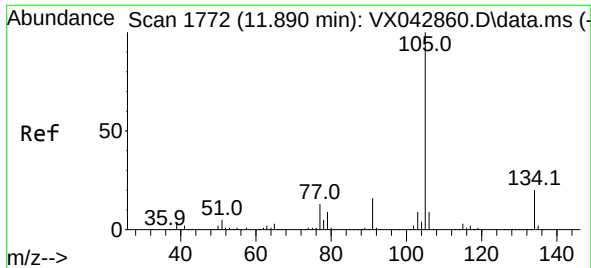
Tgt Ion:105 Resp: 142437

Ion Ratio Lower Upper

105 100

120 45.5 0.0 87.8

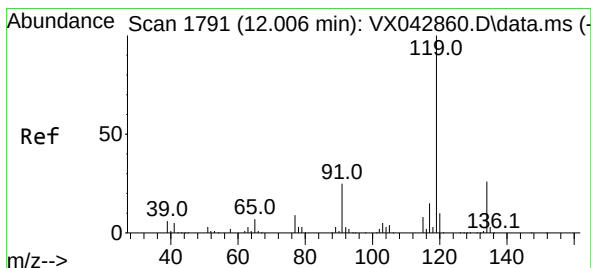
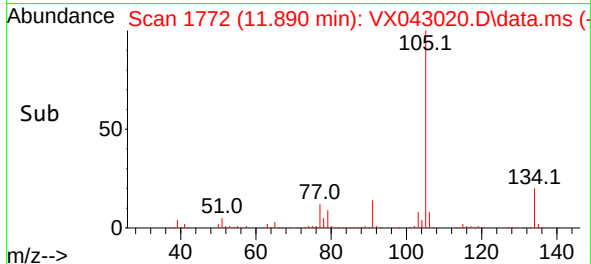
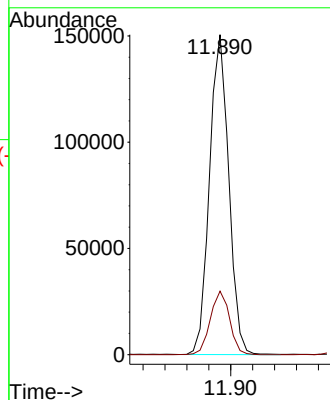
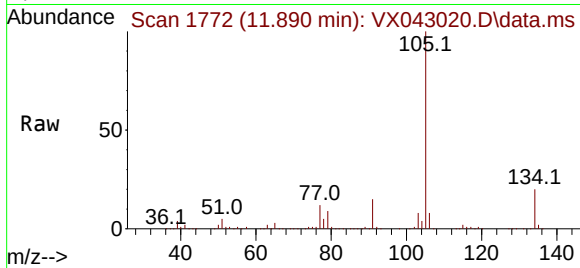




#81
 sec-Butylbenzene
 Concen: 20.451 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

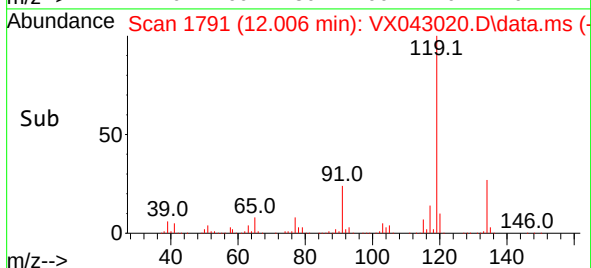
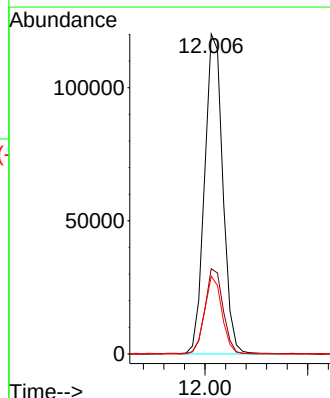
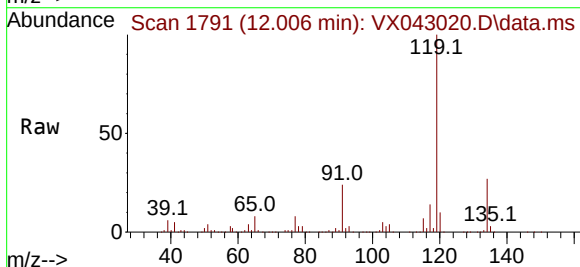
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

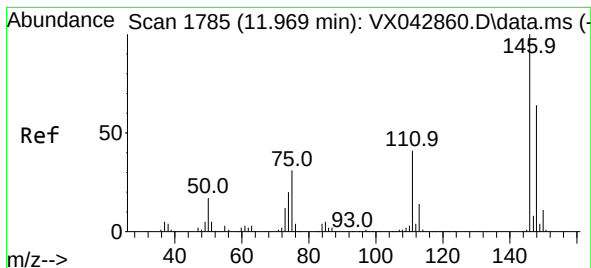
Tgt Ion:105 Resp: 183604
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 20.446 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX043020.D
 Acq: 13 Aug 2024 17:28

Tgt Ion:119 Resp: 148539
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 51.8
 91 23.1 0.0 48.4





#83

1,3-Dichlorobenzene

Concen: 20.700 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

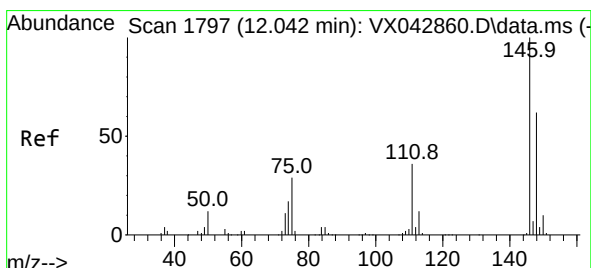
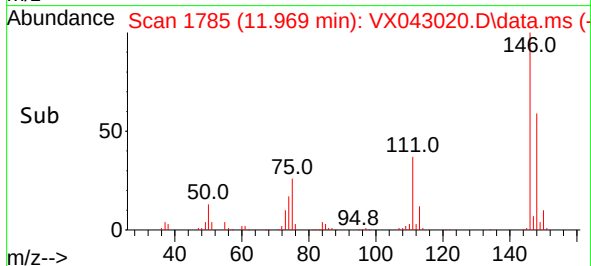
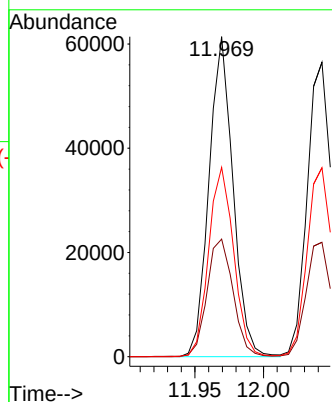
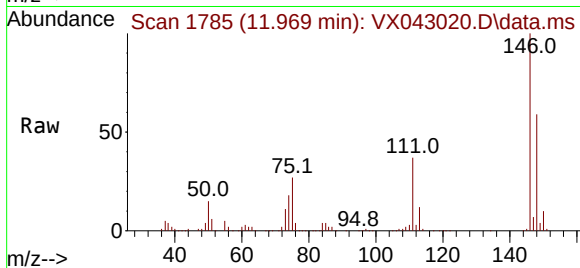
Tgt Ion:146 Resp: 74949

Ion Ratio Lower Upper

146 100

111 39.8 20.3 61.0

148 61.0 31.7 95.1



#84

1,4-Dichlorobenzene

Concen: 19.906 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

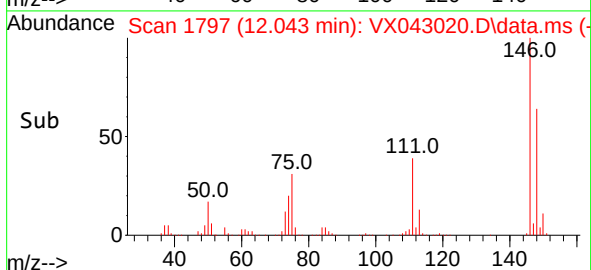
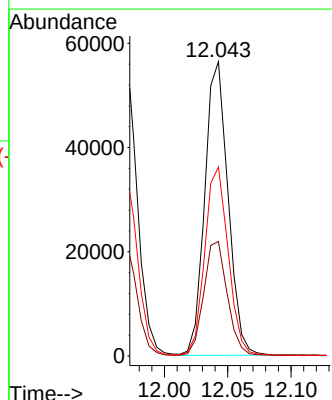
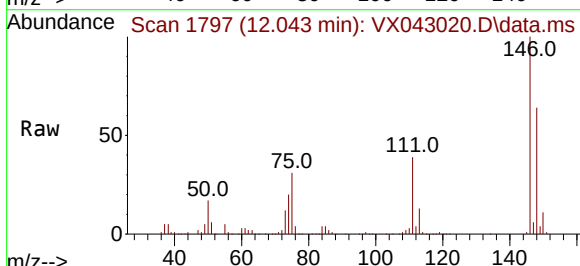
Tgt Ion:146 Resp: 72169

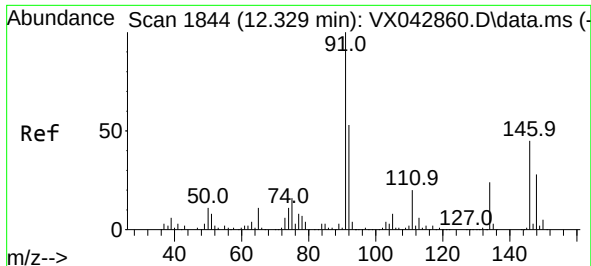
Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.4

148 65.0 31.4 94.2

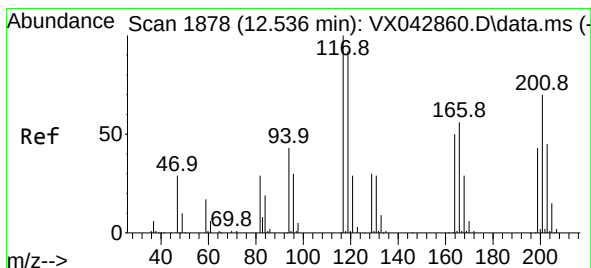
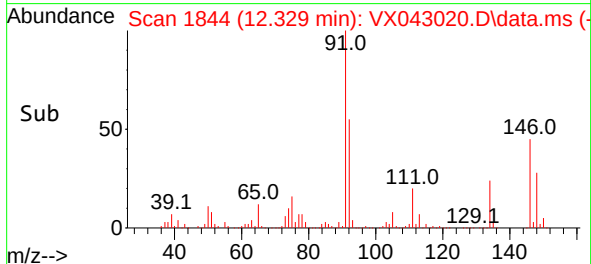
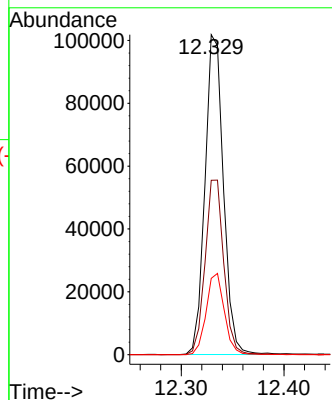
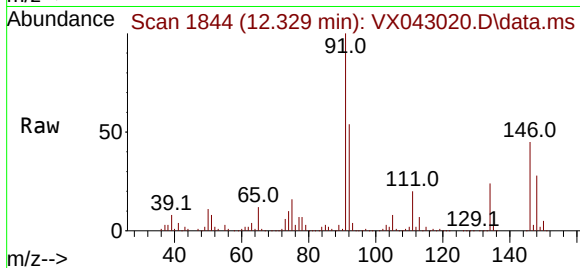




#85
n-Butylbenzene
Concen: 19.705 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

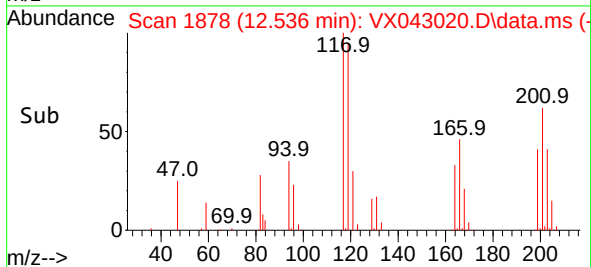
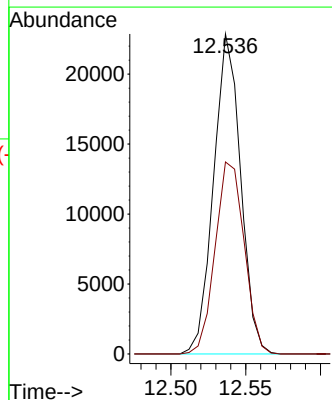
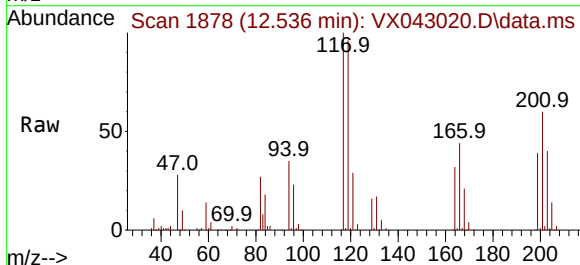
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

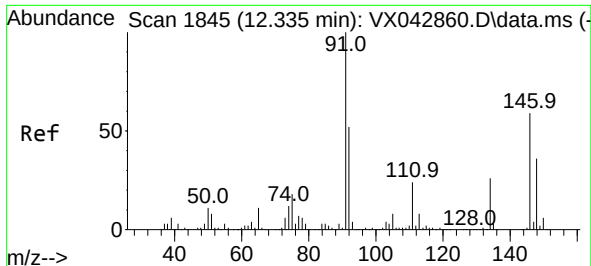
Tgt Ion: 91 Resp: 127458
Ion Ratio Lower Upper
91 100
92 55.2 0.0 106.4
134 25.1 0.0 50.6



#86
Hexachloroethane
Concen: 18.933 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 117 Resp: 28768
Ion Ratio Lower Upper
117 100
201 64.5 37.5 112.7

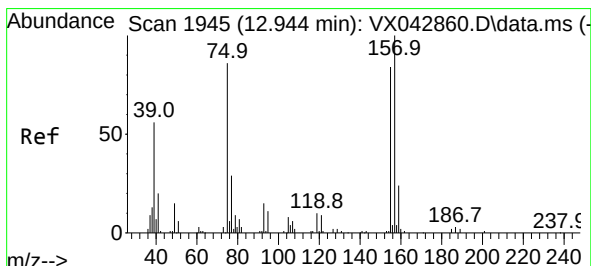
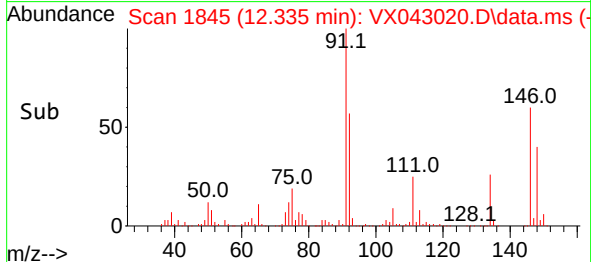
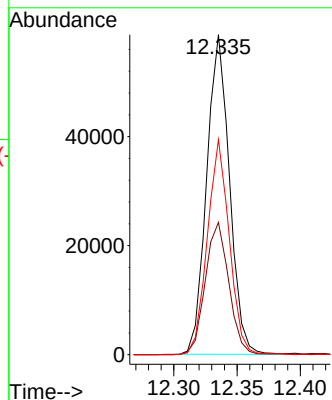
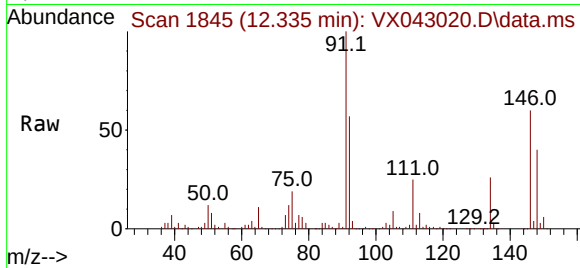




#87
1,2-Dichlorobenzene
Concen: 20.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

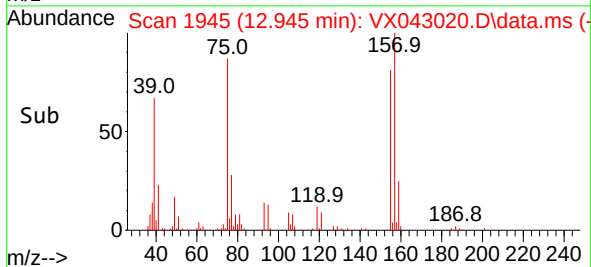
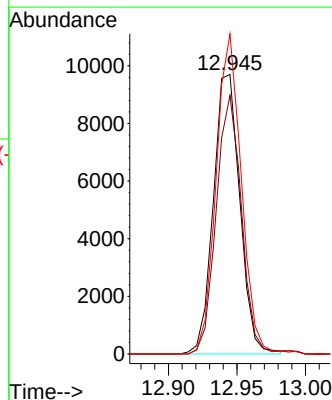
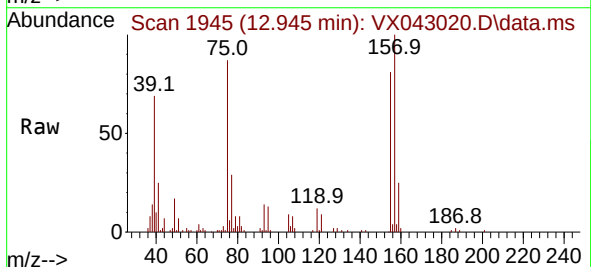
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

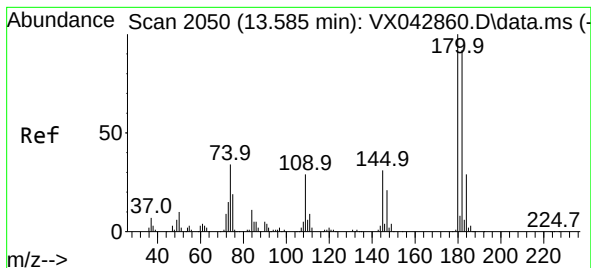
Tgt Ion:146 Resp: 73521
Ion Ratio Lower Upper
146 100
111 42.7 21.0 63.0
148 64.9 30.8 92.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.732 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion: 75 Resp: 13065
Ion Ratio Lower Upper
75 100
155 87.3 68.7 103.1
157 108.2 86.7 130.1





#89

1,2,4-Trichlorobenzene

Concen: 19.646 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

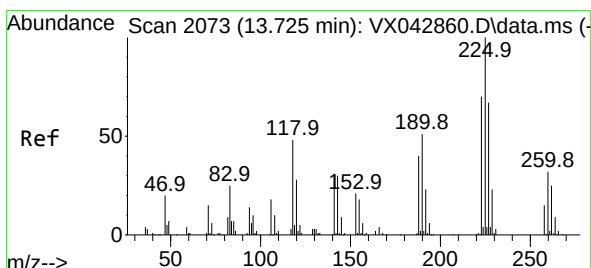
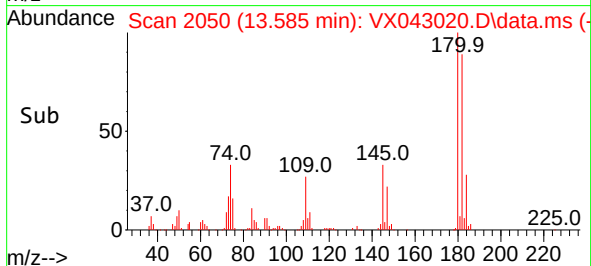
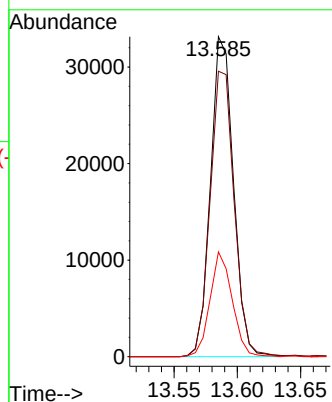
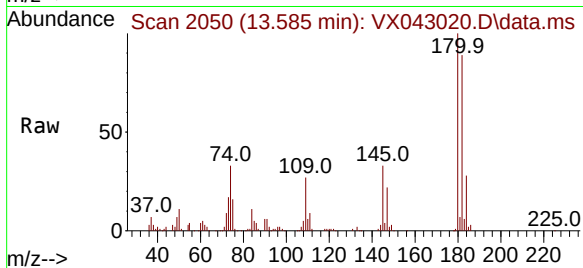
Tgt Ion:180 Resp: 41859

Ion Ratio Lower Upper

180 100

182 93.8 73.1 109.7

145 31.7 24.6 37.0



#90

Hexachlorobutadiene

Concen: 19.996 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX043020.D

Acq: 13 Aug 2024 17:28

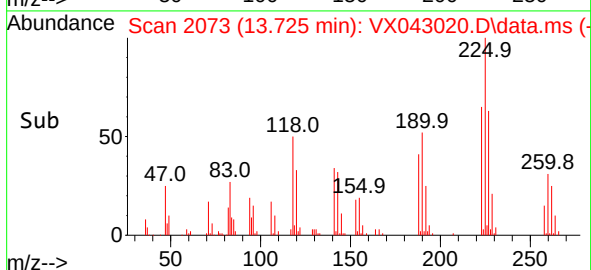
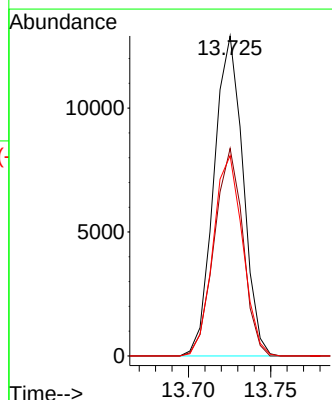
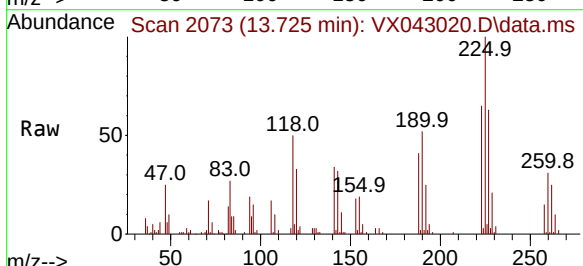
Tgt Ion:225 Resp: 15881

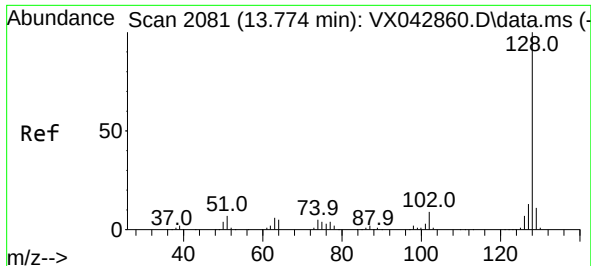
Ion Ratio Lower Upper

225 100

223 63.7 0.0 135.0

227 63.8 0.0 130.4

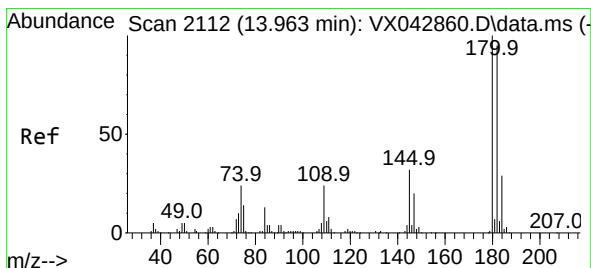
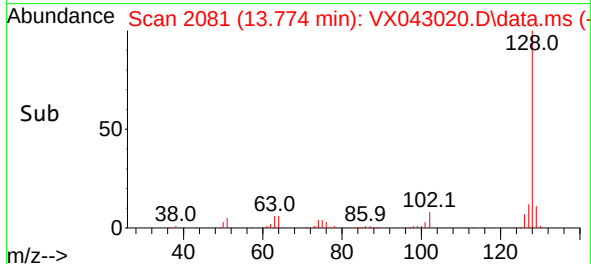
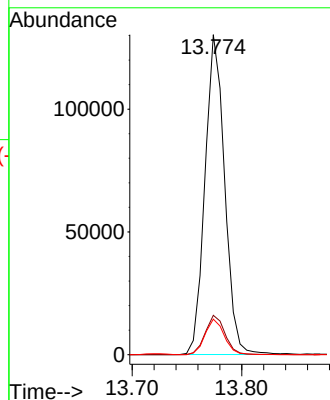
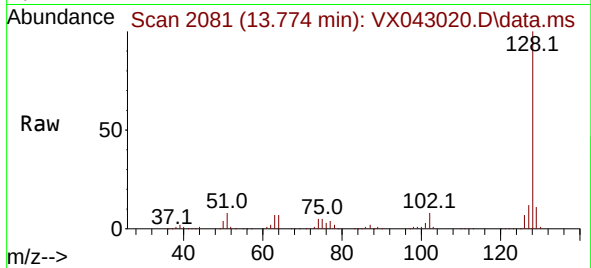




#91
Naphthalene
Concen: 19.479 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 162190
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 19.304 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043020.D
Acq: 13 Aug 2024 17:28

Tgt Ion:180 Resp: 41955
Ion Ratio Lower Upper
180 100
182 95.6 0.0 185.8
145 34.3 0.0 65.2

