

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036706.D
 Acq On : 28 Jul 2023 16:08
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jul 28 16:34:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	27371	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	164844	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	151942	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	67979	29.924	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.733%		
60) 4-Bromofluorobenzene	11.079	95	73548	29.841	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.467%		
63) Toluene-d8	8.647	98	201030	28.752	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.833%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38644	25.269	ug/l	99
3) Chloromethane	1.307	50	33967	16.235	ug/l	97
4) Vinyl Chloride	1.374	62	36535	16.934	ug/l	96
5) Bromomethane	1.599	94	21955m	9.937	ug/l	
6) Chloroethane	1.685	64	21937	14.938	ug/l	94
7) Trichlorofluoromethane	1.886	101	62173	17.763	ug/l	100
8) Diethyl Ether	2.136	74	22191	15.259	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	35558	22.438	ug/l	97
10) 1,1-Dichloroethene	2.313	96	33573	20.960	ug/l	98
11) Methyl Iodide	2.447	142	27055	14.823	ug/l	98
12) Methyl Acetate	2.703	43	79987	21.245	ug/l	97
13) Acrolein	2.233	56	29488	95.474	ug/l	96
14) Acrylonitrile	3.062	53	111813	105.951	ug/l	97
15) Acetone	2.380	58	30150	100.911	ug/l	91
16) Carbon Disulfide	2.508	76	89452	23.019	ug/l	98
17) Allyl chloride	2.660	41	61787	21.745	ug/l	96
18) Methylene Chloride	2.788	84	38698	20.065	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	37469	21.402	ug/l	99
20) Diisopropyl ether	3.757	45	121511	20.983	ug/l	90
21) 1,1-Dichloroethane	3.605	63	69497	20.584	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	44190	20.972	ug/l	99
23) tert-Butyl Alcohol	2.965	59	62674	127.889	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	126670	21.747	ug/l	99
25) Chloroform	5.093	83	72858	20.873	ug/l	99
26) Cyclohexane	5.471	56	60323	23.289	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	53233	21.415	ug/l	99
30) 2-Butanone	4.556	43	159298	101.777	ug/l	99
31) 2,2-Dichloropropane	4.471	77	62711	23.005	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	65624	22.217	ug/l	99
33) Carbon Tetrachloride	5.672	117	57199	22.698	ug/l	96
34) Benzene	6.038	78	154677	20.187	ug/l	97
35) Methacrylonitrile	4.916	41	32972	20.304	ug/l	98
36) 1,2-Dichloroethane	6.086	62	58205	19.784	ug/l	98
37) Trichloroethene	7.123	130	40367	20.017	ug/l	97
38) Methylcyclohexane	7.379	83	66821	23.107	ug/l	99
39) 1,2-Dichloropropane	7.428	63	40689	19.590	ug/l	96
40) Dibromomethane	7.580	93	29275	19.459	ug/l	98
41) Bromodichloromethane	7.818	83	58984	21.603	ug/l	100
42) Vinyl Acetate	3.721	43	486541	102.915	ug/l	98

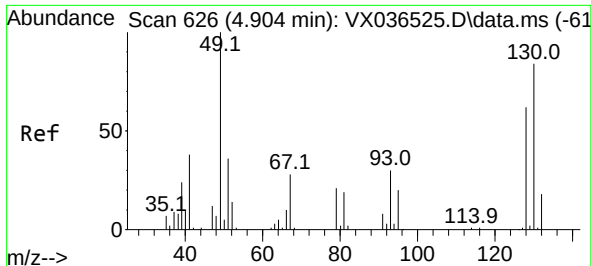
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
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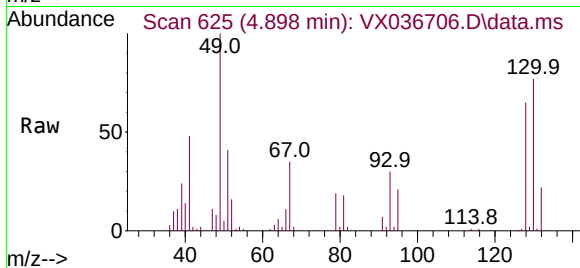
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	61543	20.200	ug/l	98
44) Isopropyl Acetate	6.336	43	102623	21.121	ug/l	97
45) 1,4-Dioxane	7.659	88	21046	381.607	ug/l #	1
46) Methyl methacrylate	7.690	41	47604	20.500	ug/l	94
47) n-amyl Acetate	10.842	43	86633	21.022	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	65147	21.754	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	69310	21.426	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	40895	20.025	ug/l	96
51) Ethyl methacrylate	9.116	69	67484	21.048	ug/l	99
52) 1,3-Dichloropropane	9.305	76	69777	20.246	ug/l	98
53) Dibromochloromethane	9.519	129	45677	22.159	ug/l	99
54) 1,2-Dibromoethane	9.610	107	44070	20.542	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	164011	95.113	ug/l	99
56) Bromoform	10.799	173	33331	23.241	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	311098	99.014	ug/l	97
59) 2-Hexanone	9.427	43	236815	99.074	ug/l	97
61) Tetrachloroethene	9.269	164	34876	19.164	ug/l	97
62) Toluene	8.714	91	171629	20.132	ug/l	97
64) Chlorobenzene	10.079	112	104419	19.674	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	41024	21.402	ug/l	97
66) Ethyl Benzene	10.195	91	191269	20.644	ug/l	98
67) m/p-Xylenes	10.299	106	144020	39.872	ug/l	95
68) o-Xylene	10.640	106	71604	19.974	ug/l	97
69) Styrene	10.653	104	118957	20.467	ug/l	98
70) Isopropylbenzene	10.963	105	189399	21.213	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	66064	20.273	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	63247m	20.944	ug/l	
73) Bromobenzene	11.195	156	44028	19.949	ug/l	99
74) n-propylbenzene	11.305	91	221792	21.105	ug/l	98
75) 2-Chlorotoluene	11.366	91	132220	20.690	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	158616	20.674	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	21565	21.747	ug/l	87
78) 4-Chlorotoluene	11.451	91	150738	20.717	ug/l	99
79) tert-butylbenzene	11.713	119	157356	21.609	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	157349	20.698	ug/l	100
81) sec-Butylbenzene	11.890	105	197193	21.514	ug/l	99
82) p-Isopropyltoluene	12.006	119	162676	21.332	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	80676	19.652	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	82235	20.102	ug/l	99
85) n-Butylbenzene	12.329	91	144623	20.834	ug/l	98
86) Hexachloroethane	12.536	117	31080	24.617	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	80189	19.474	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	14966	20.424	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	50136	19.308	ug/l	100
90) Hexachlorobutadiene	13.725	225	20185	21.401	ug/l	97
91) Naphthalene	13.774	128	178306	19.569	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	50007	19.079	ug/l	97

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

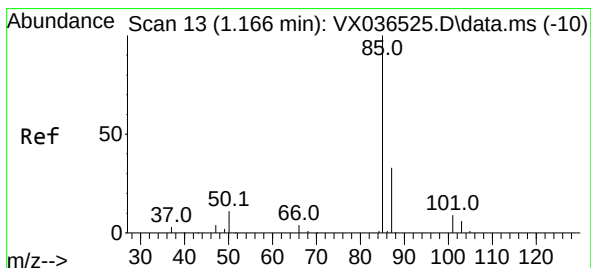
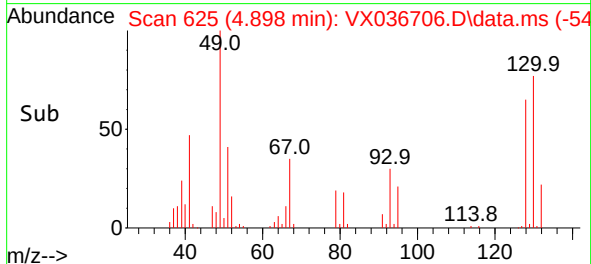
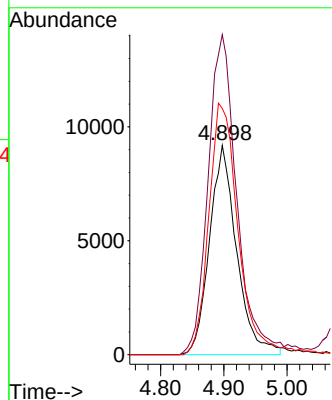


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

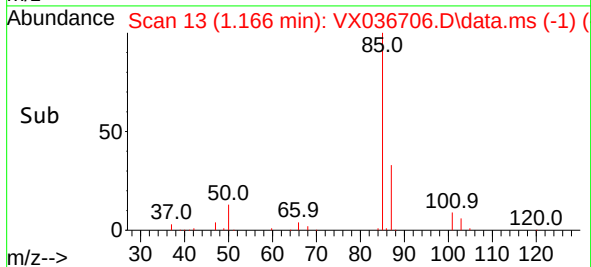
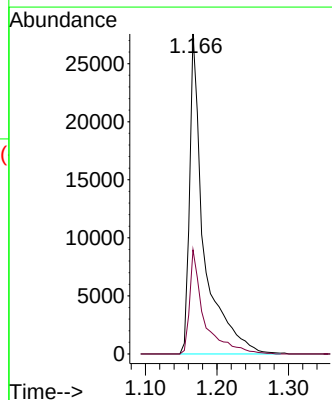
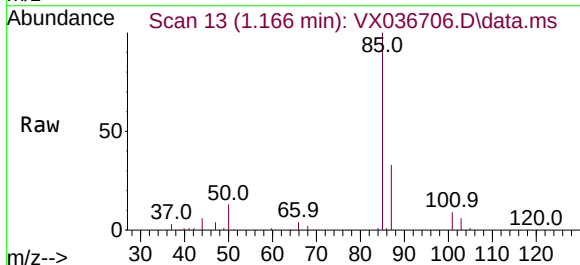


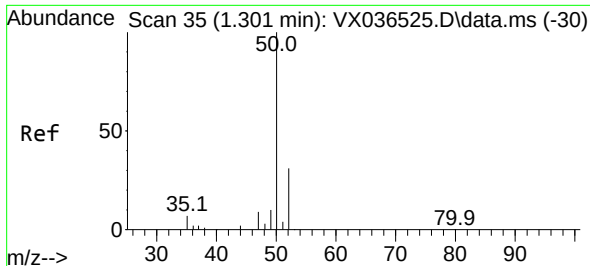
Tgt Ion:128 Resp: 27371
Ion Ratio Lower Upper
128 100
49 160.4 0.0 406.3
130 128.4 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 25.269 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 85 Resp: 38644
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.4

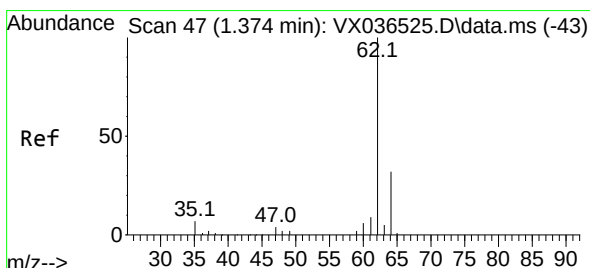
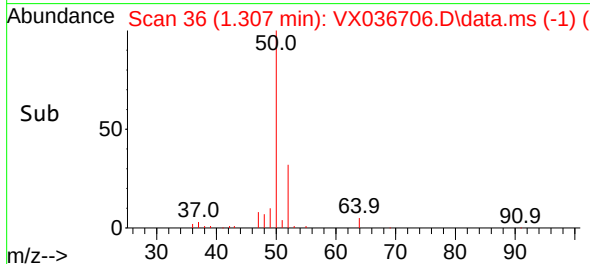
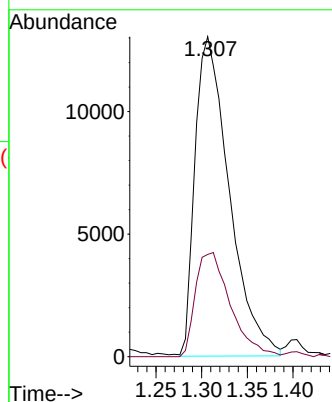
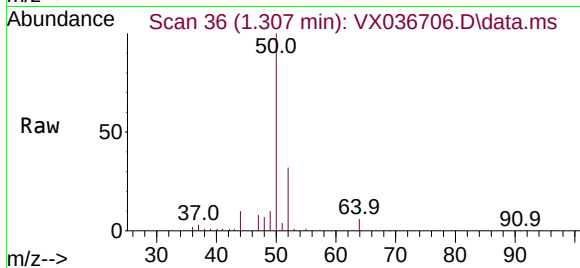




#3
Chloromethane
Concen: 16.235 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

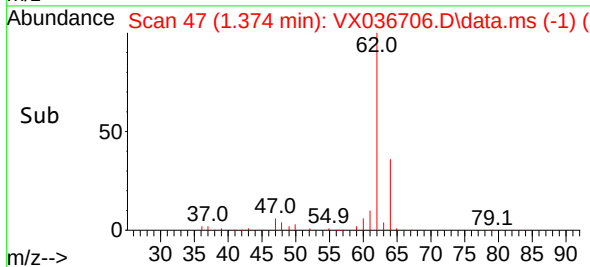
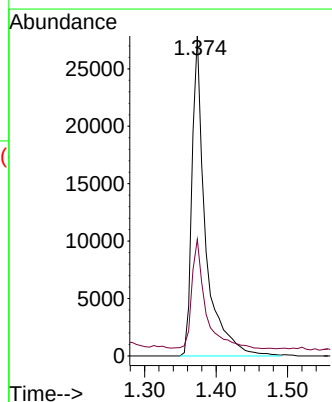
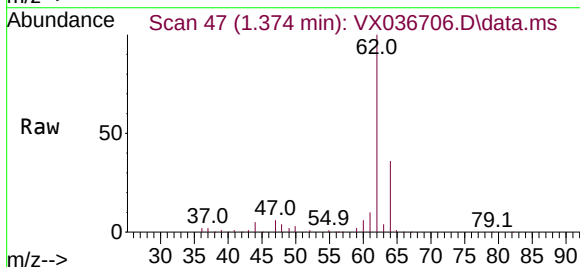
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ClientSampleId :
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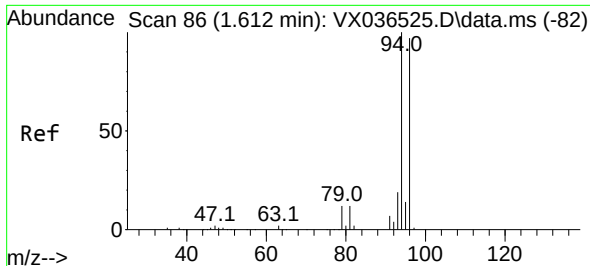
Tgt Ion: 50 Resp: 33967
Ion Ratio Lower Upper
50 100
52 32.1 24.5 36.7



#4
Vinyl Chloride
Concen: 16.934 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 62 Resp: 36535
Ion Ratio Lower Upper
62 100
64 34.1 25.3 37.9

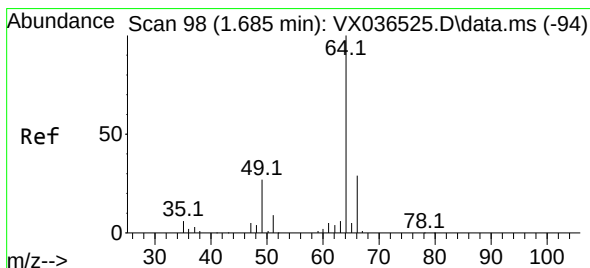
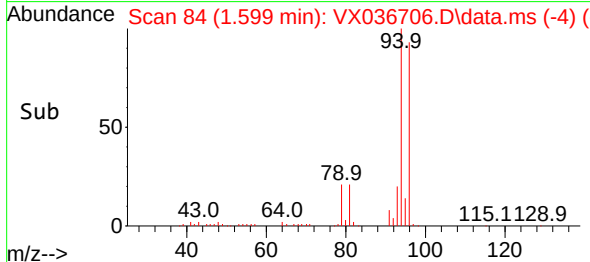
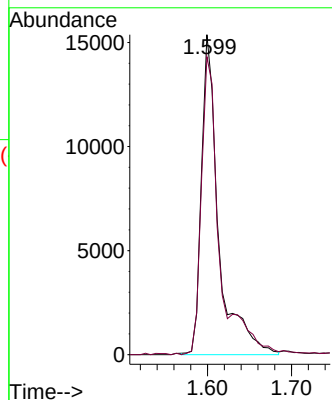
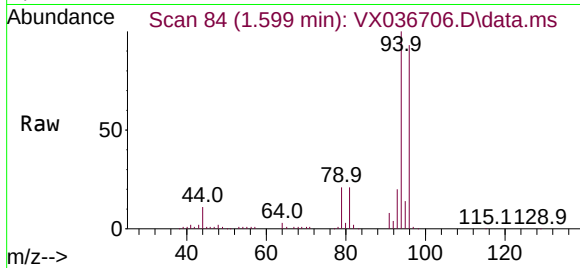




#5
Bromomethane
Concen: 9.937 ug/l m
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

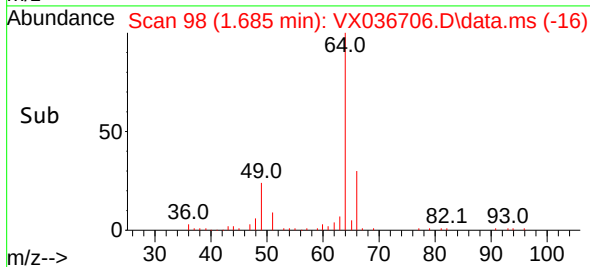
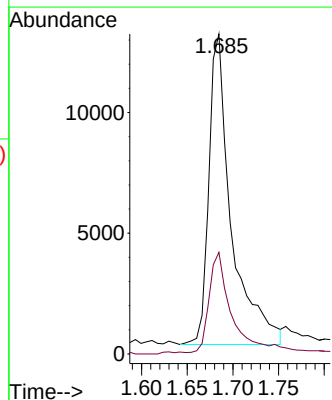
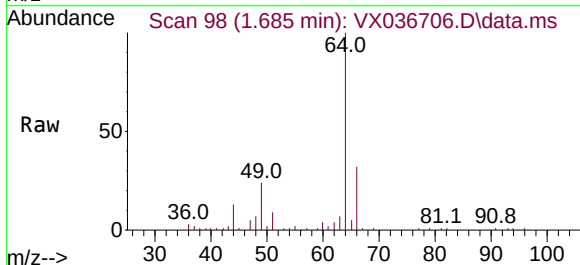
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MSVOA_X
ClientSampleId :
VSTDCCC020EC

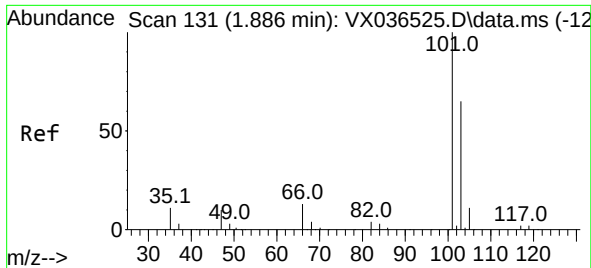
Tgt Ion: 94 Resp: 21955
Ion Ratio Lower Upper
94 100
96 93.1 77.4 116.2



#6
Chloroethane
Concen: 14.938 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 64 Resp: 21937
Ion Ratio Lower Upper
64 100
66 32.1 23.1 34.7

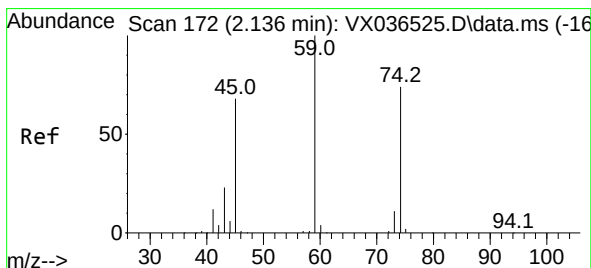
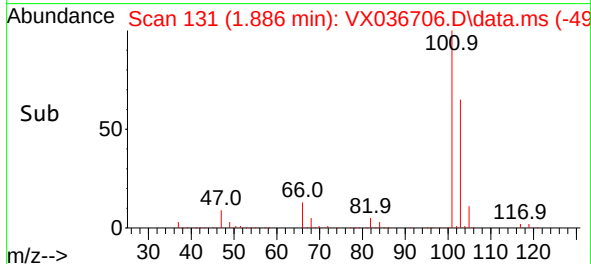
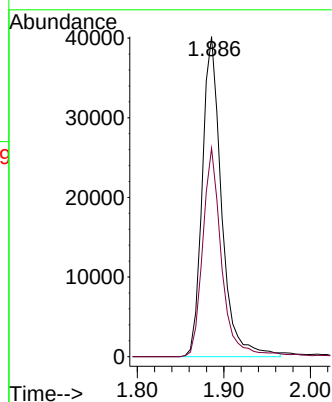
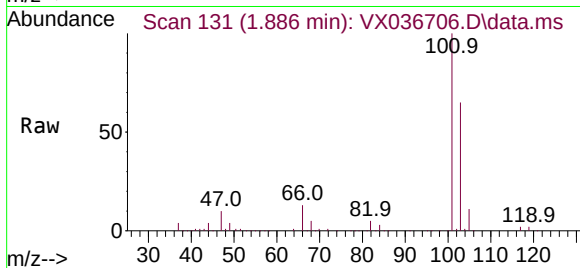




#7
 Trichlorofluoromethane
 Concen: 17.763 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

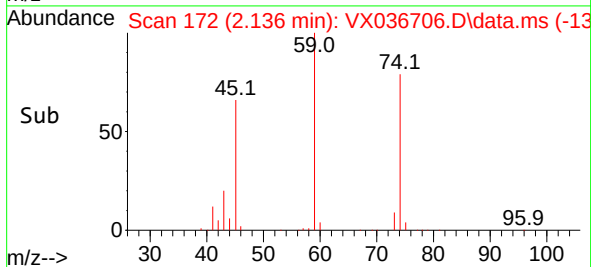
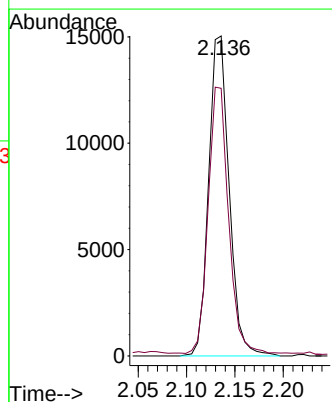
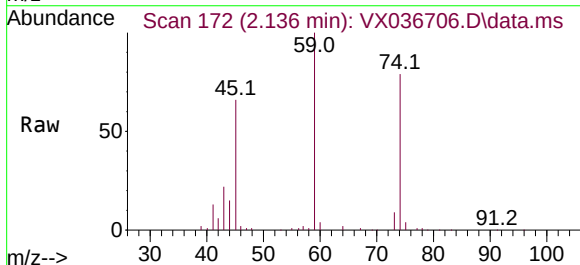
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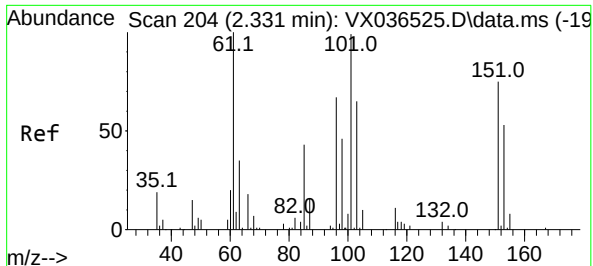
Tgt Ion:101 Resp: 62173
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 15.259 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

Tgt Ion: 74 Resp: 22191
 Ion Ratio Lower Upper
 74 100
 45 82.4 19.9 178.9

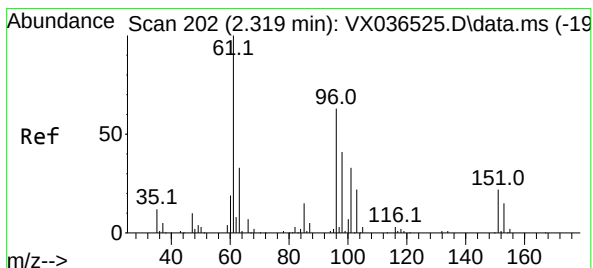
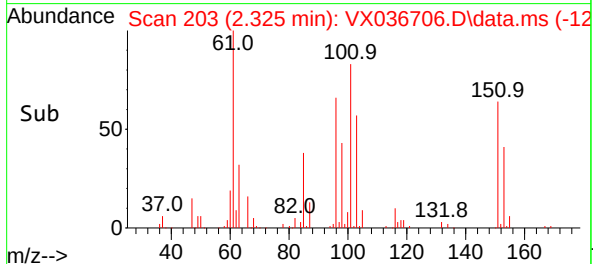
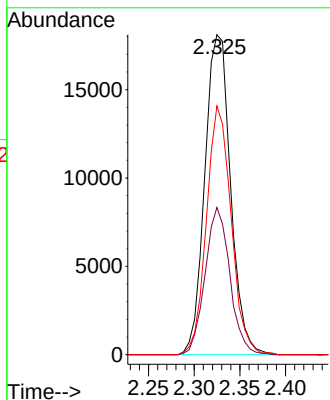
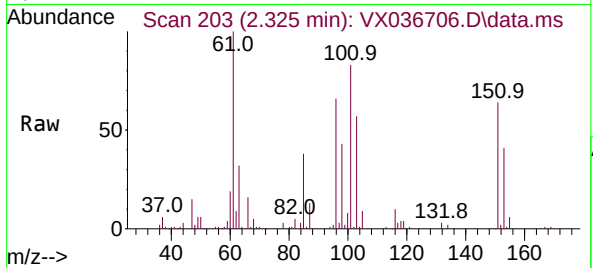




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.438 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

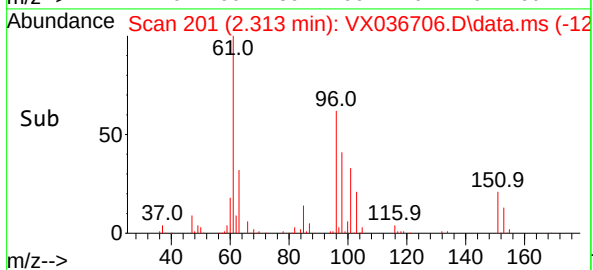
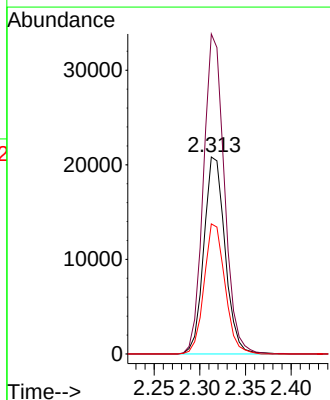
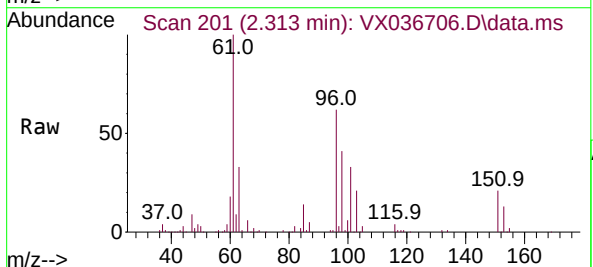
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

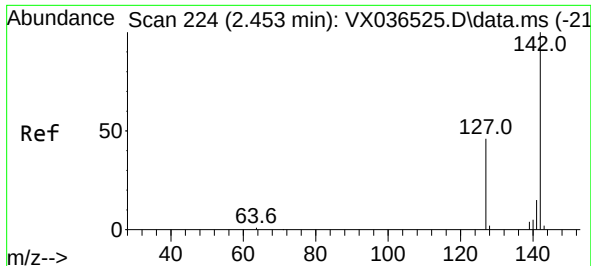
Tgt Ion:101 Resp: 35558
Ion Ratio Lower Upper
101 100
85 44.1 0.0 91.0
151 74.2 0.0 155.4



#10
1,1-Dichloroethene
Concen: 20.960 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 96 Resp: 33573
Ion Ratio Lower Upper
96 100
61 162.5 127.2 190.8
98 66.0 52.7 79.1

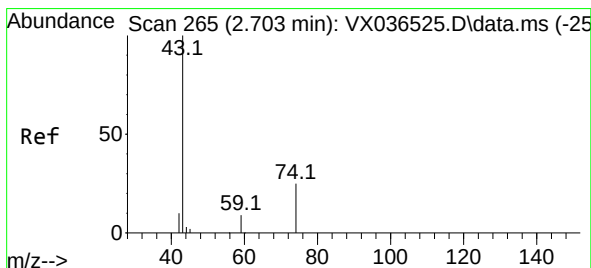
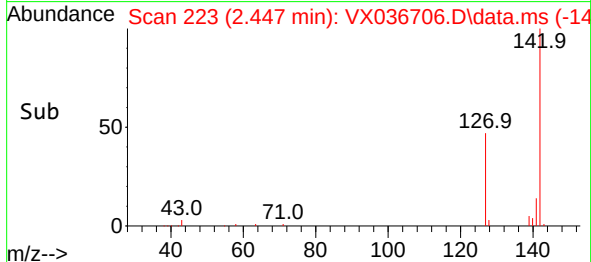
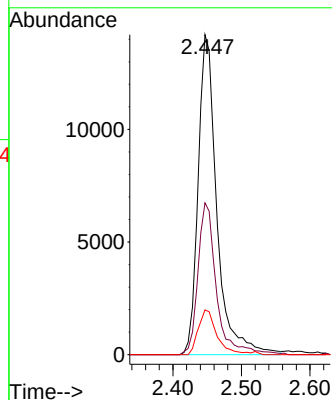
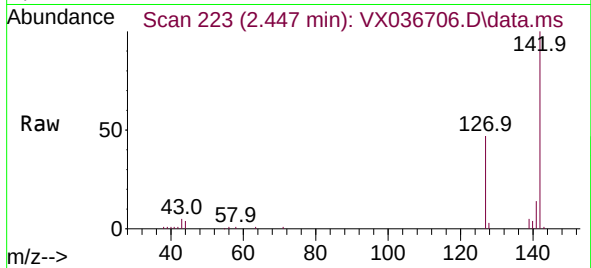




#11
Methyl Iodide
Concen: 14.823 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

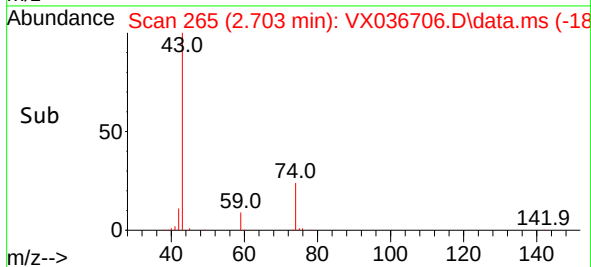
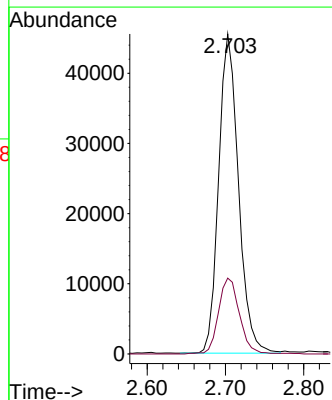
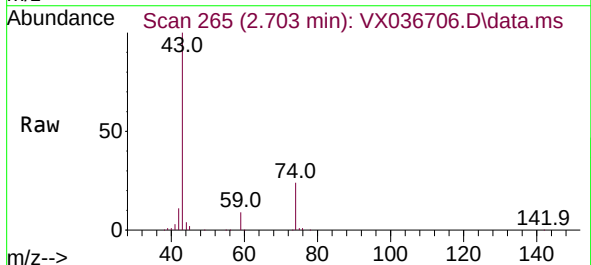
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

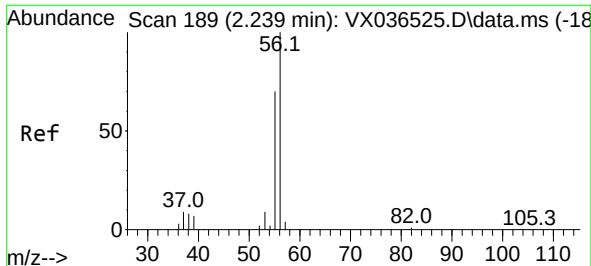
Tgt Ion:142 Resp: 27055
Ion Ratio Lower Upper
142 100
127 47.5 22.9 68.8
141 14.1 7.5 22.6



#12
Methyl Acetate
Concen: 21.245 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 43 Resp: 79987
Ion Ratio Lower Upper
43 100
74 23.7 20.3 30.5

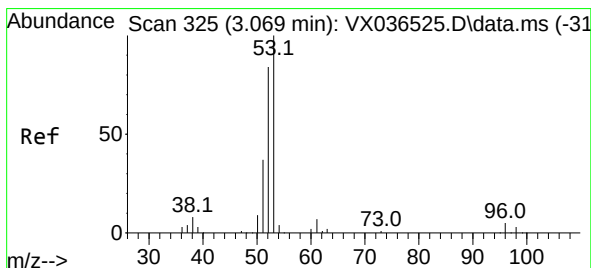
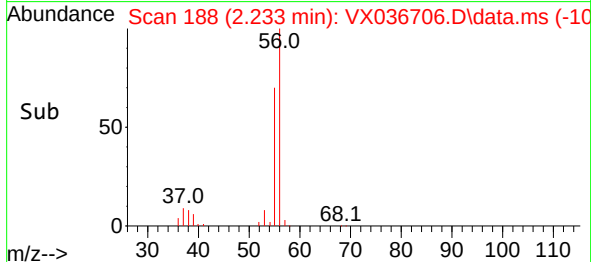
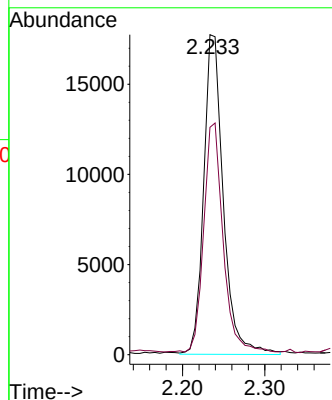
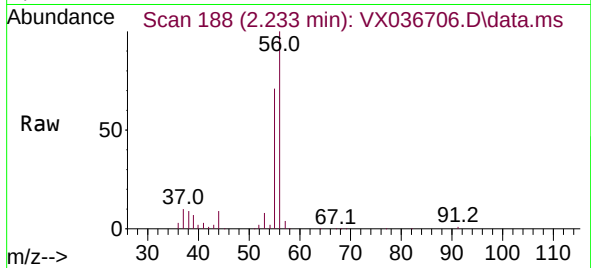




#13
Acrolein
Concen: 95.474 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

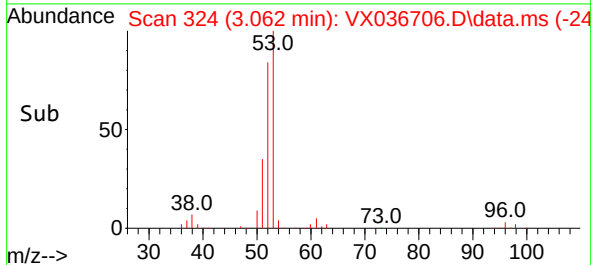
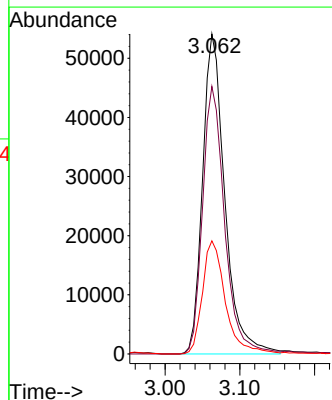
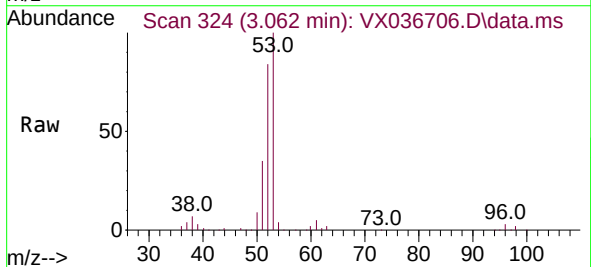
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

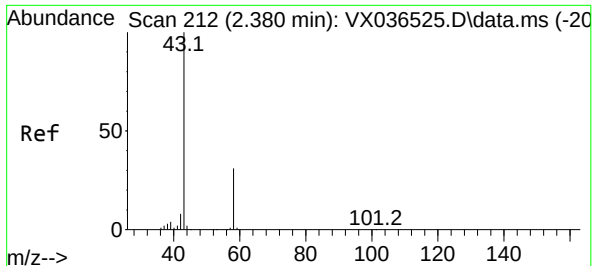
Tgt Ion: 56 Resp: 29488
Ion Ratio Lower Upper
56 100
55 71.2 59.7 89.5



#14
Acrylonitrile
Concen: 105.951 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 53 Resp: 111813
Ion Ratio Lower Upper
53 100
52 83.3 40.0 119.9
51 36.4 18.2 54.6

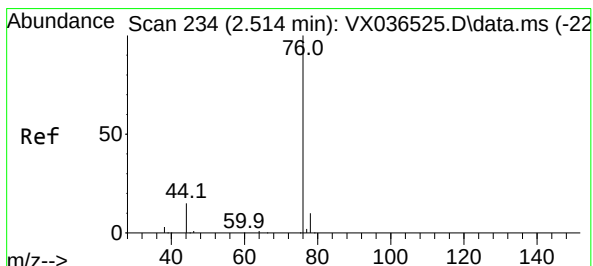
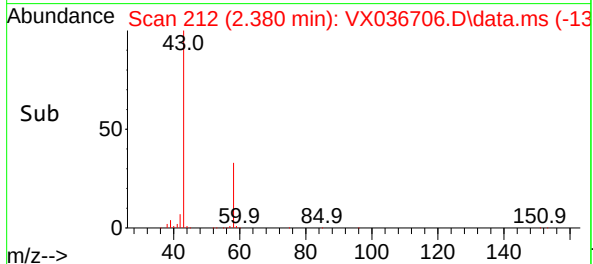
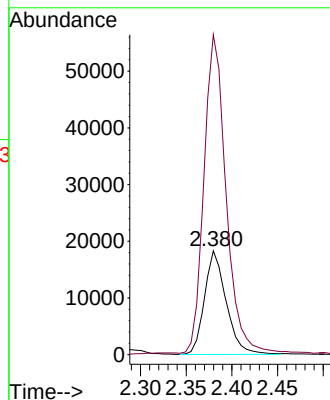
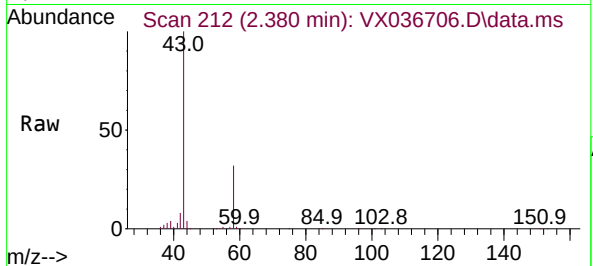




#15
Acetone
Concen: 100.911 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

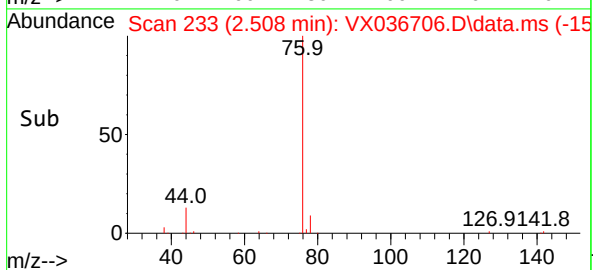
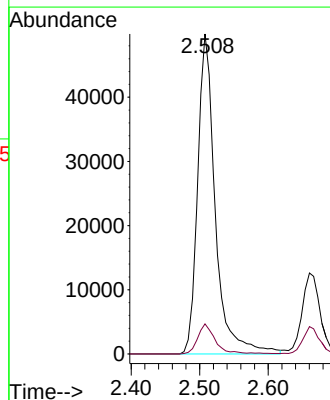
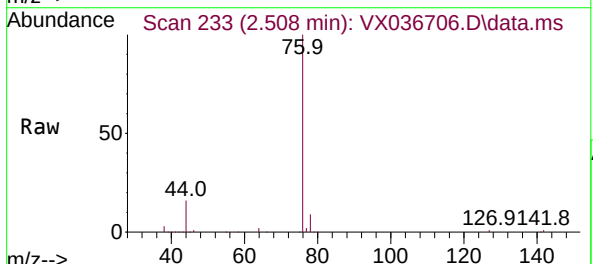
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

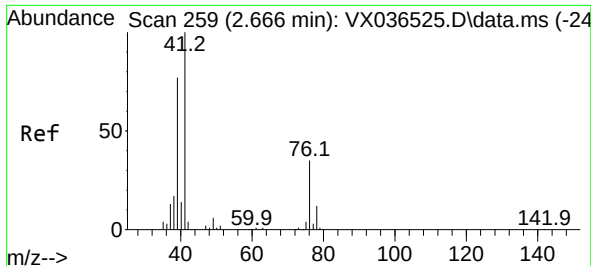
Tgt Ion: 58 Resp: 30150
Ion Ratio Lower Upper
58 100
43 307.7 261.0 391.4



#16
Carbon Disulfide
Concen: 23.019 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 76 Resp: 89452
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0

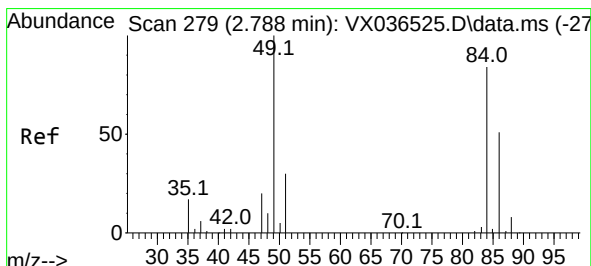
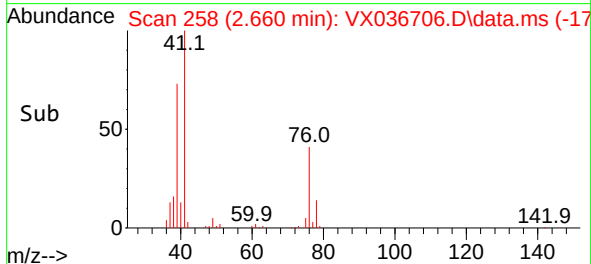
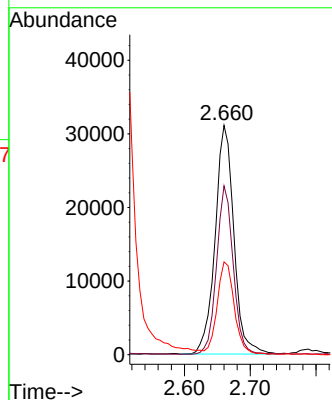
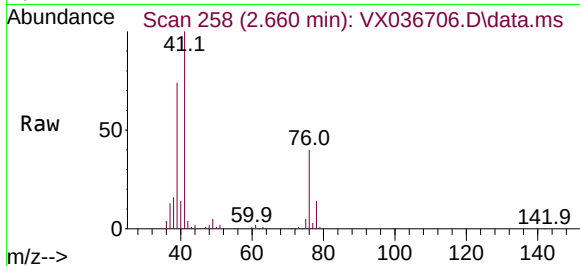




#17
 Allyl chloride
 Concen: 21.745 ug/l
 RT: 2.660 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

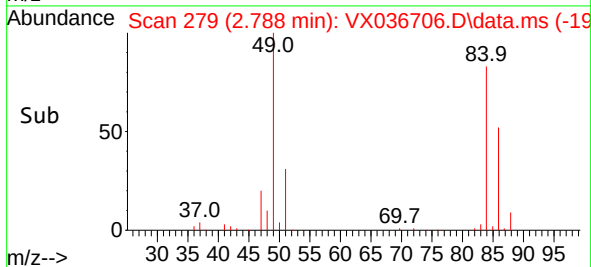
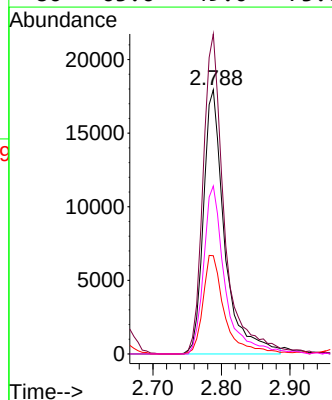
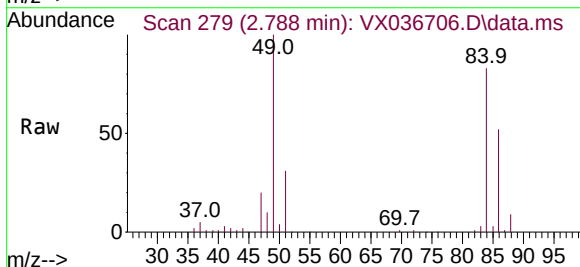
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

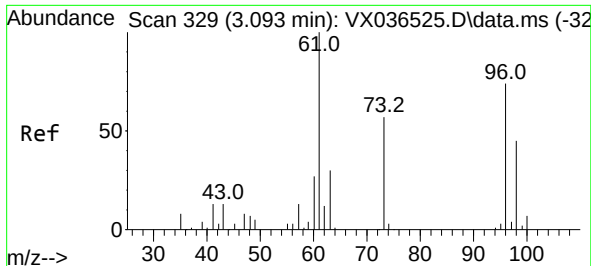
Tgt Ion: 41 Resp: 61787
 Ion Ratio Lower Upper
 41 100
 39 73.6 38.5 115.3
 76 40.4 18.6 55.8



#18
 Methylene Chloride
 Concen: 20.065 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

Tgt Ion: 84 Resp: 38698
 Ion Ratio Lower Upper
 84 100
 49 121.1 95.4 143.0
 51 37.2 28.3 42.5
 86 63.6 49.0 73.6

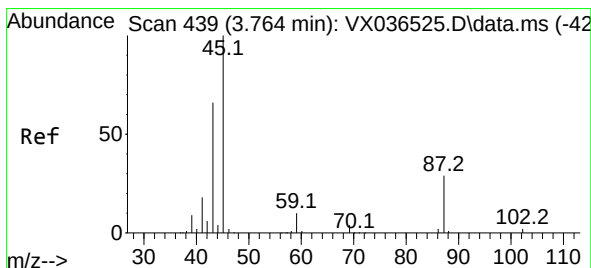
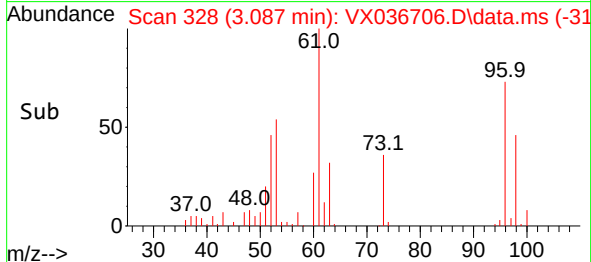
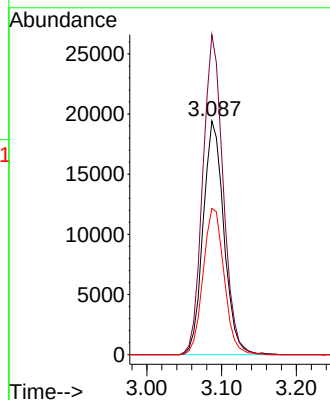
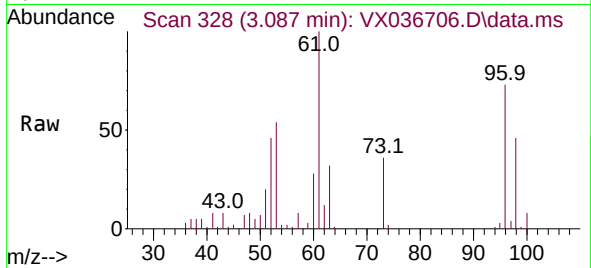




#19
trans-1,2-Dichloroethene
Concen: 21.402 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

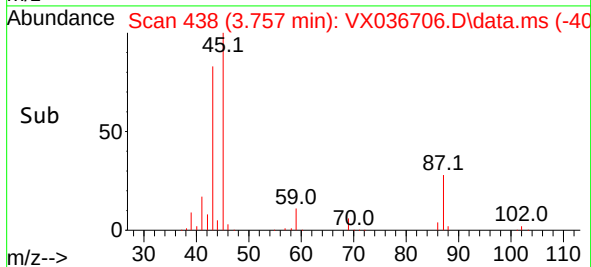
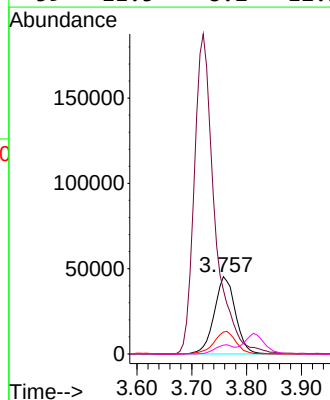
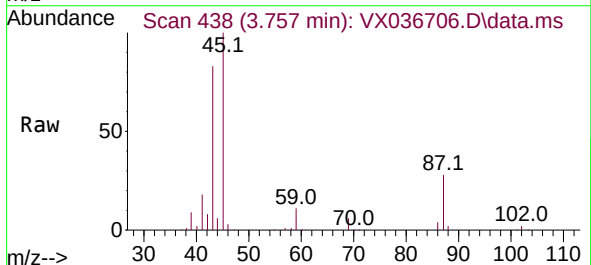
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

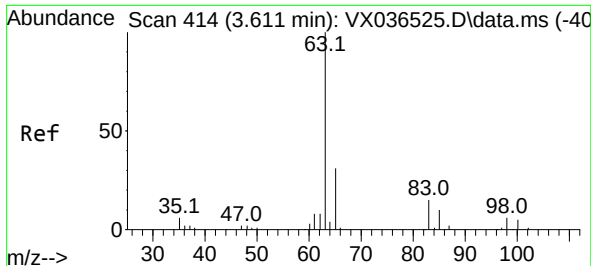
Tgt Ion: 96 Resp: 37469
Ion Ratio Lower Upper
96 100
61 137.0 108.7 163.1
98 62.6 49.1 73.7



#20
Diisopropyl ether
Concen: 20.983 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 45 Resp: 121511
Ion Ratio Lower Upper
45 100
43 81.8 55.8 83.6
87 28.3 23.0 34.4
59 11.5 8.2 12.2





#21

1,1-Dichloroethane

Concen: 20.584 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

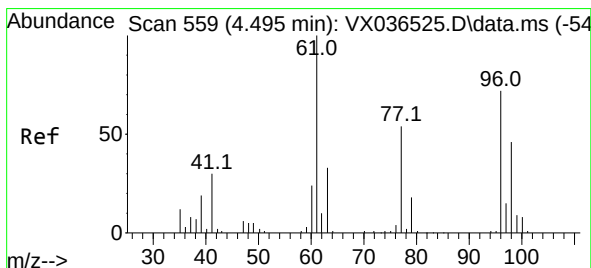
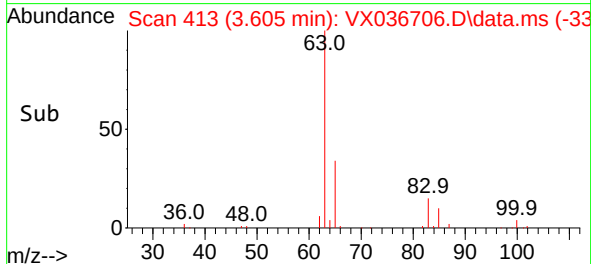
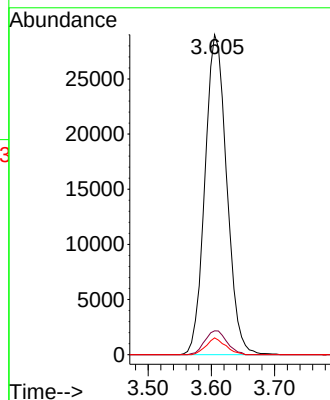
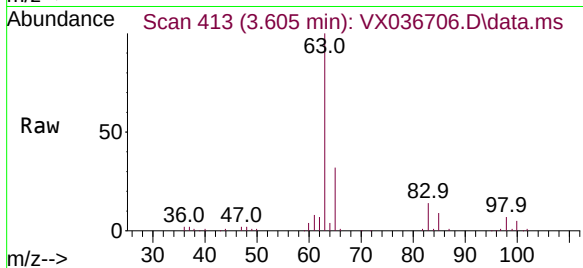
Tgt Ion: 63 Resp: 69497

Ion Ratio Lower Upper

63 100

98 7.4 3.2 9.6

100 5.3 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 20.972 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

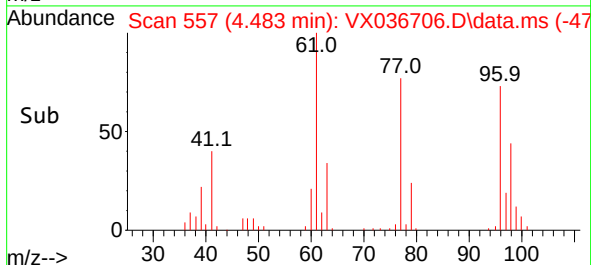
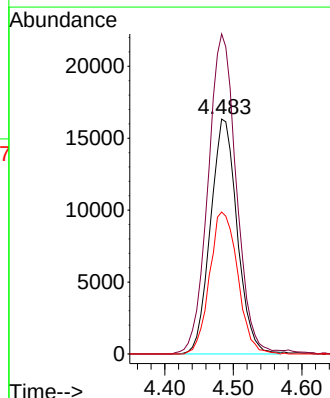
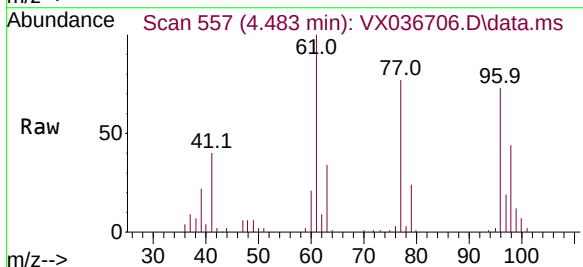
Tgt Ion: 96 Resp: 44190

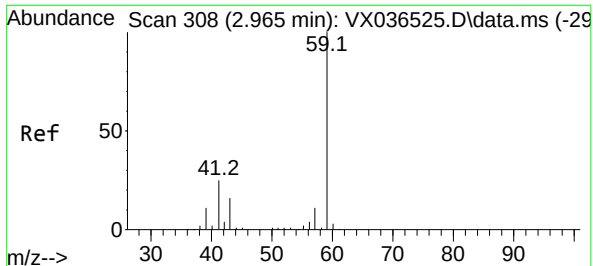
Ion Ratio Lower Upper

96 100

61 143.8 114.0 171.0

98 63.5 51.6 77.4

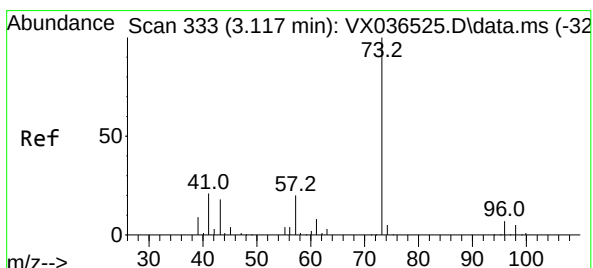
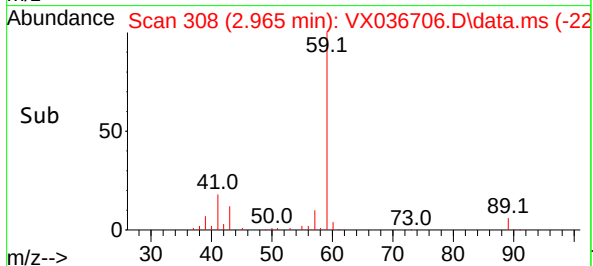
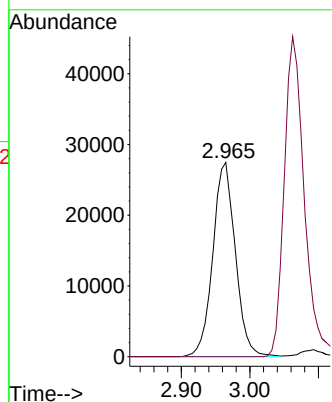
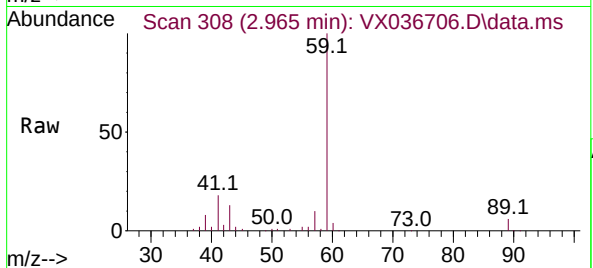




#23
 tert-Butyl Alcohol
 Concen: 127.889 ug/l
 RT: 2.965 min Scan# 308
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

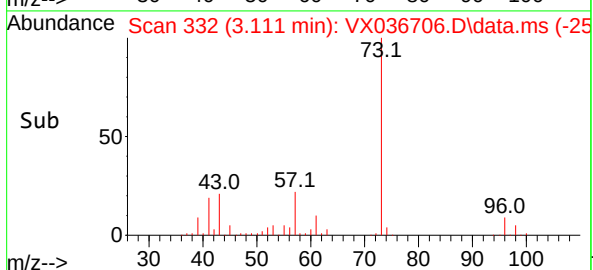
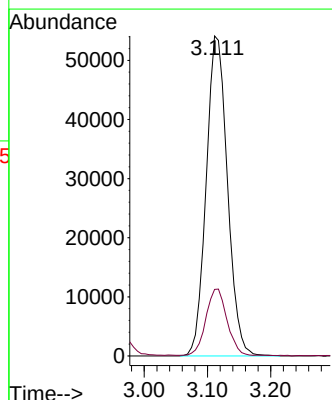
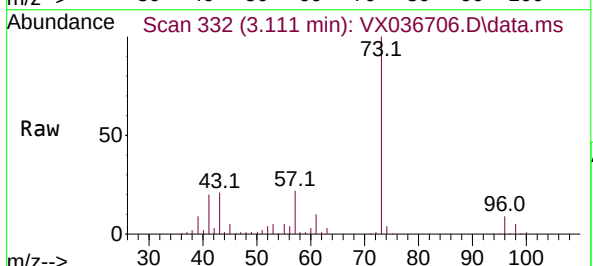
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

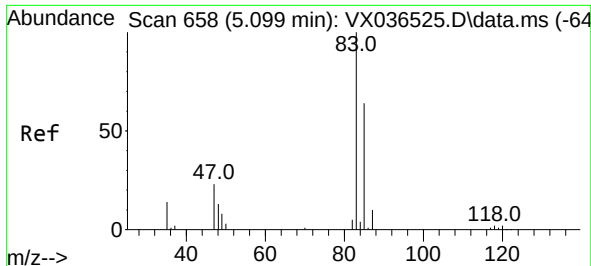
Tgt Ion: 59 Resp: 62674
 Ion Ratio Lower Upper
 59 100
 52 0.0 142.6 213.8#



#24
 Methyl tert-Butyl Ether
 Concen: 21.747 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

Tgt Ion: 73 Resp: 126670
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.8 25.2

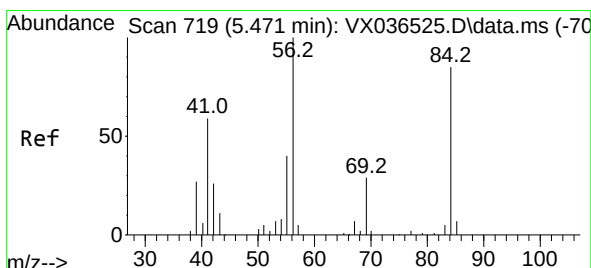
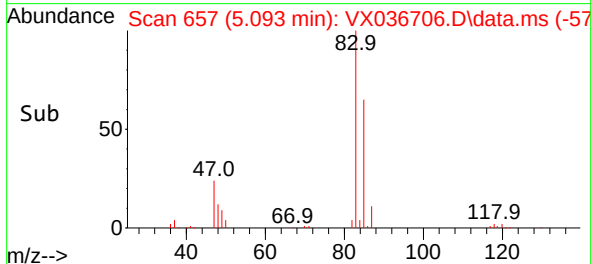
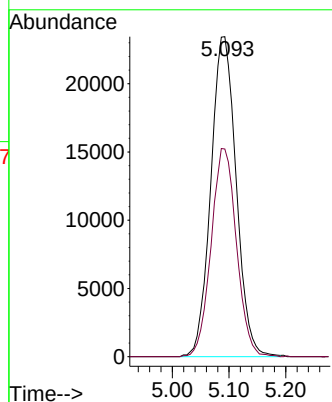
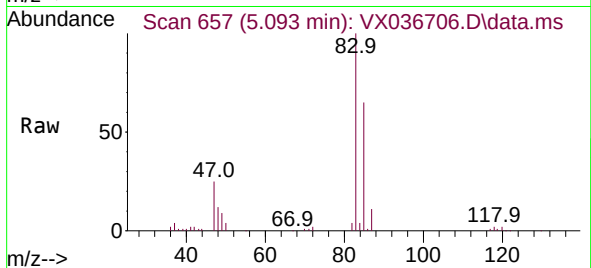




#25
Chloroform
Concen: 20.873 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

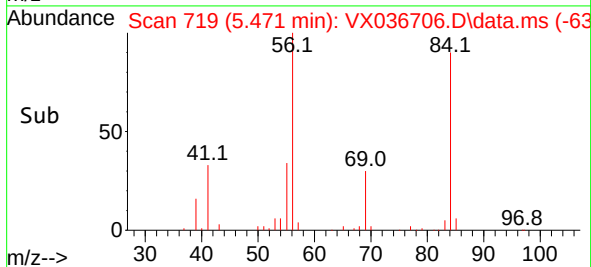
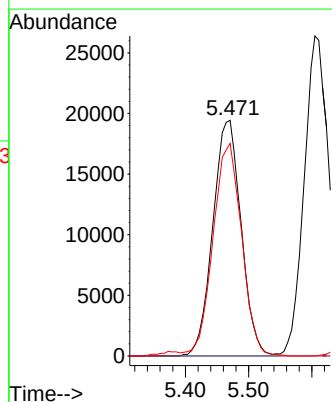
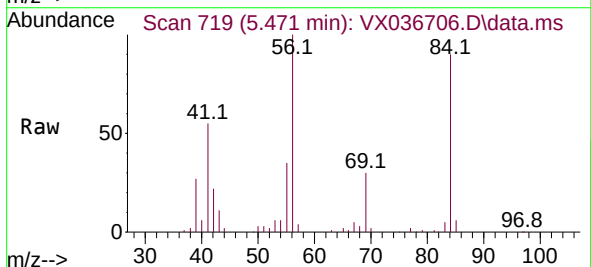
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

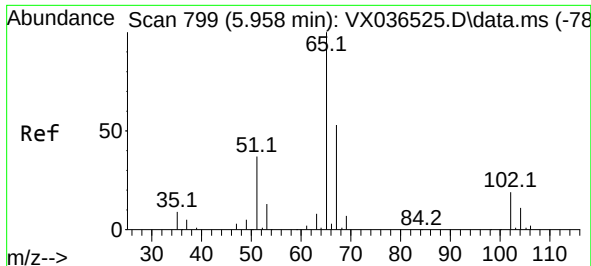
Tgt Ion: 83 Resp: 72858
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3



#26
Cyclohexane
Concen: 23.289 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 56 Resp: 60323
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.3 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 29.924 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

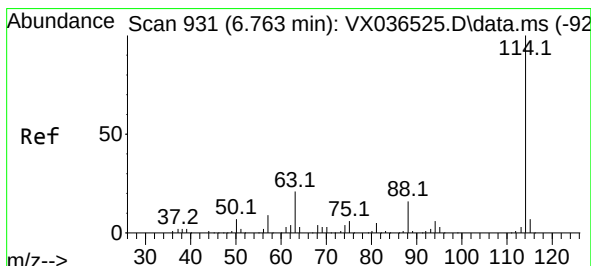
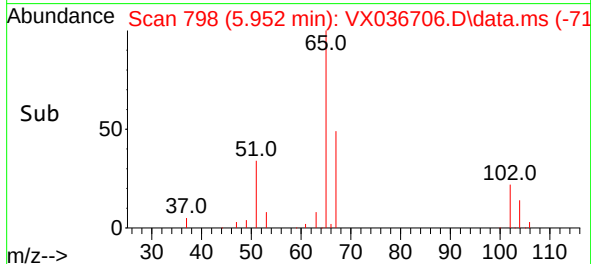
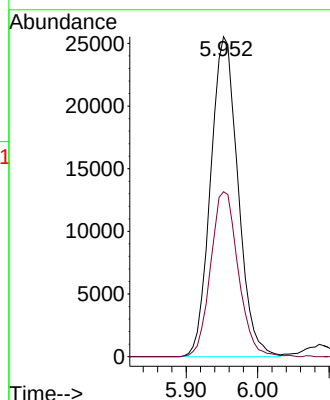
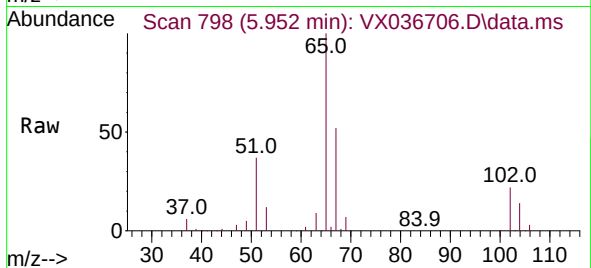
VSTDCCC020EC

Tgt Ion: 65 Resp: 67979

Ion Ratio Lower Upper

65 100

67 51.8 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

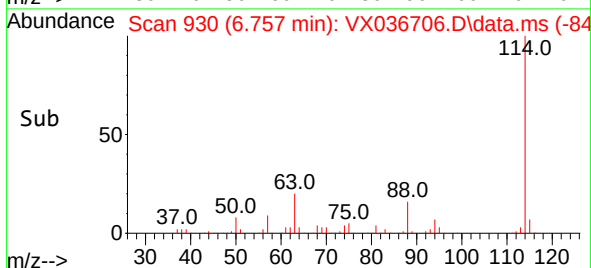
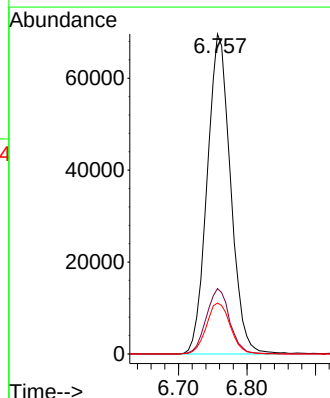
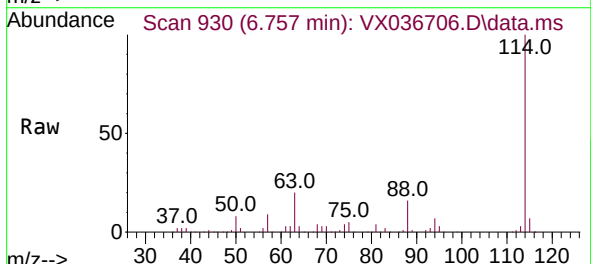
Tgt Ion: 114 Resp: 164844

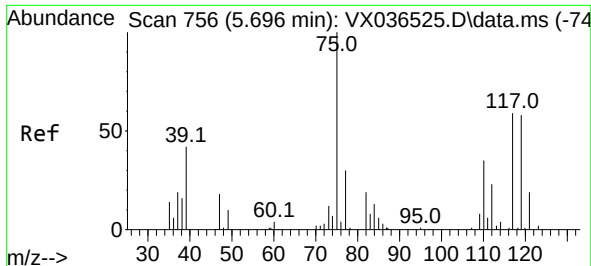
Ion Ratio Lower Upper

114 100

63 20.5 16.6 24.8

88 16.3 12.9 19.3





#29

1,1-Dichloropropene

Concen: 21.415 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

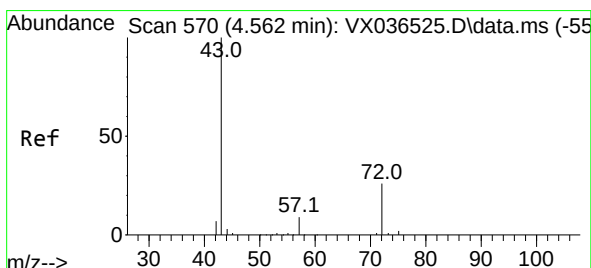
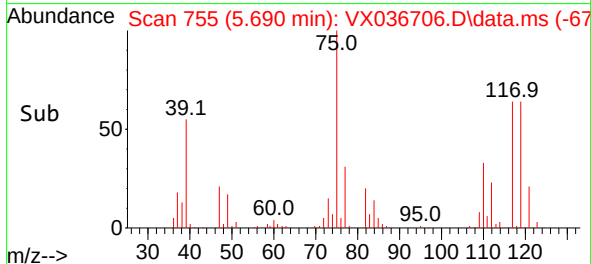
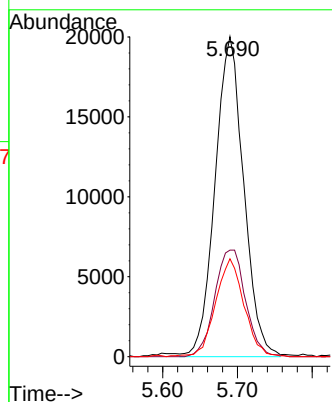
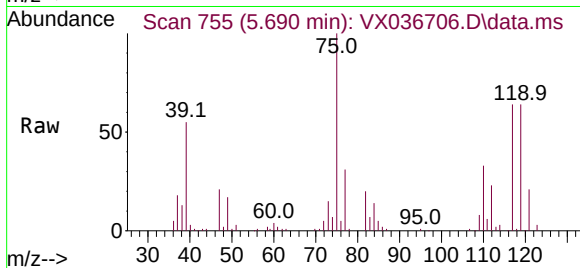
Tgt Ion: 75 Resp: 53233

Ion Ratio Lower Upper

75 100

110 36.0 0.0 70.4

77 30.6 0.0 62.8



#30

2-Butanone

Concen: 101.777 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

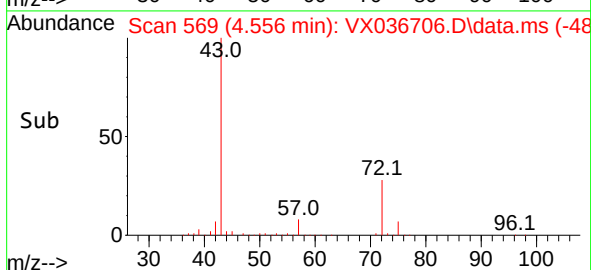
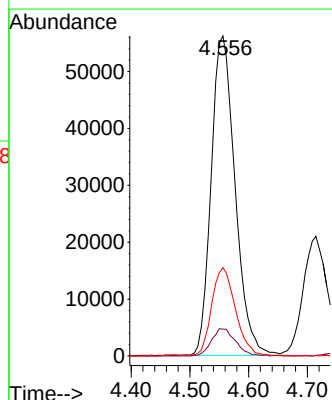
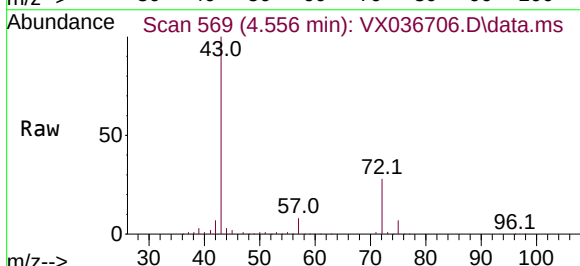
Tgt Ion: 43 Resp: 159298

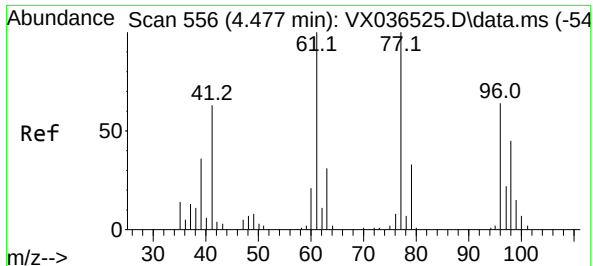
Ion Ratio Lower Upper

43 100

57 8.6 6.4 9.6

72 27.4 21.6 32.4

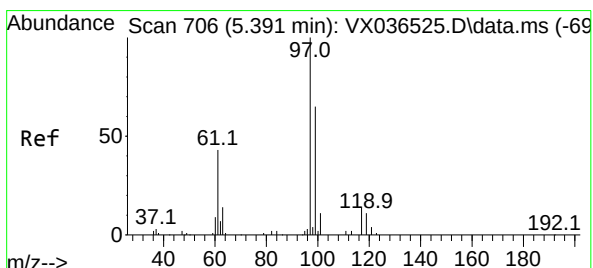
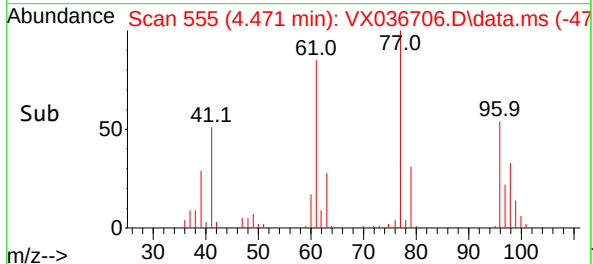
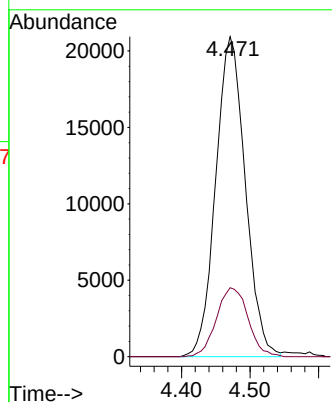
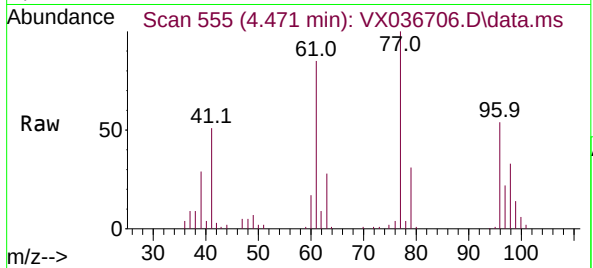




#31
2,2-Dichloropropane
Concen: 23.005 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

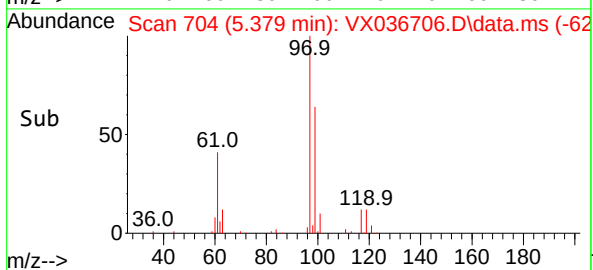
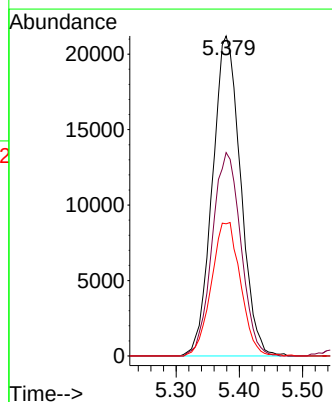
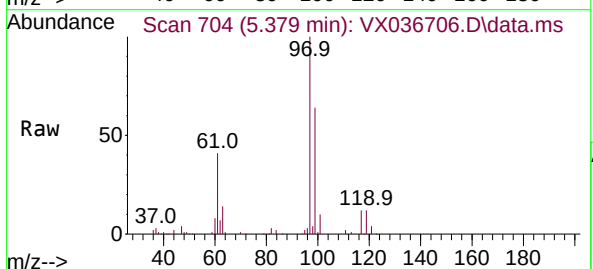
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

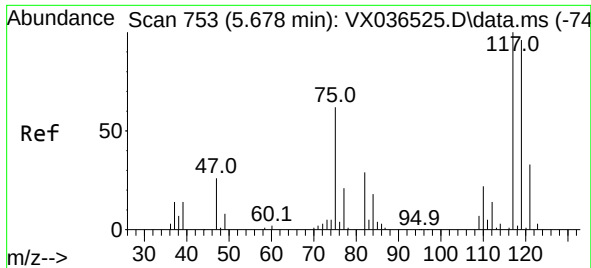
Tgt Ion: 77 Resp: 62711
Ion Ratio Lower Upper
77 100
97 23.1 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 22.217 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 97 Resp: 65624
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 42.9 35.8 53.8

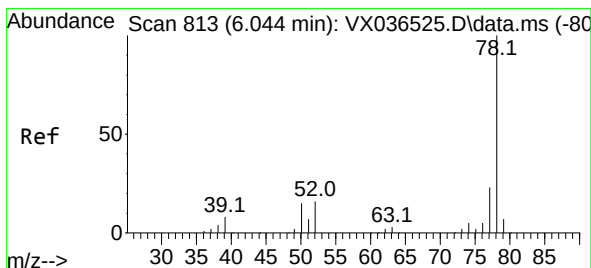
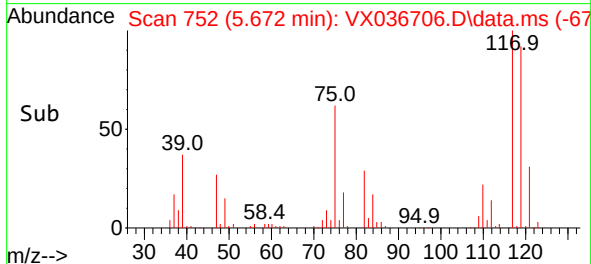
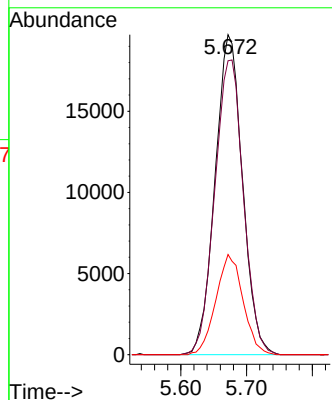
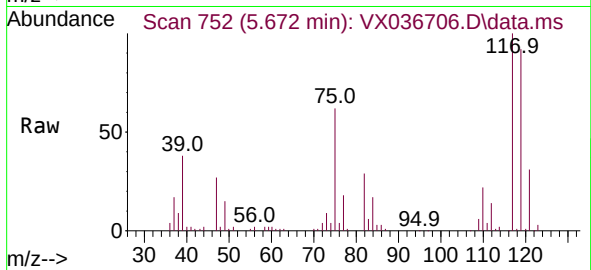




#33
Carbon Tetrachloride
Concen: 22.698 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

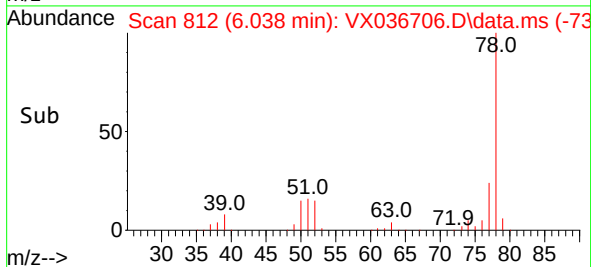
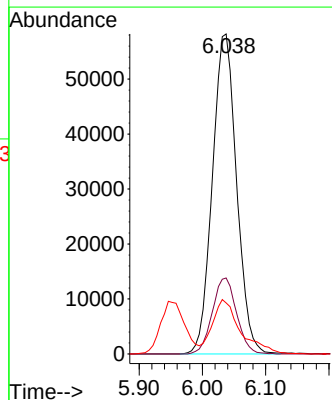
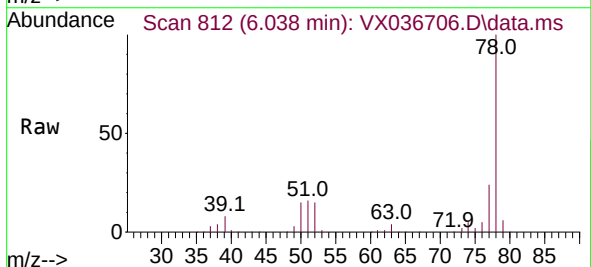
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

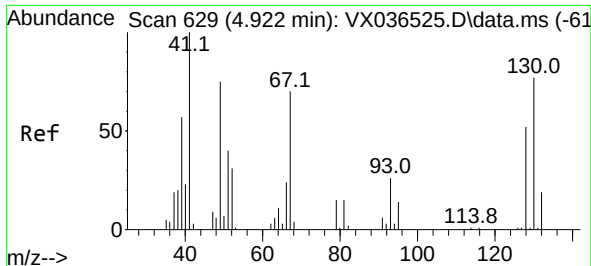
Tgt Ion:117 Resp: 57199
Ion Ratio Lower Upper
117 100
119 91.8 76.6 115.0
121 31.3 26.5 39.7



#34
Benzene
Concen: 20.187 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 78 Resp: 154677
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1
51 15.5 14.2 21.4



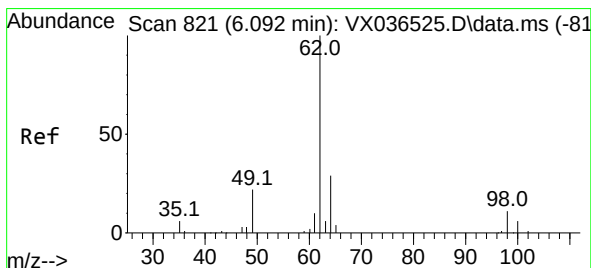
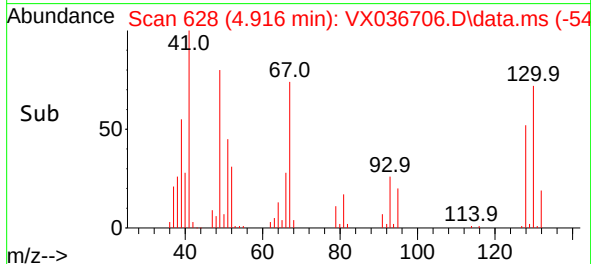
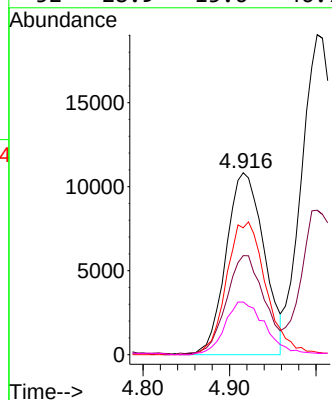
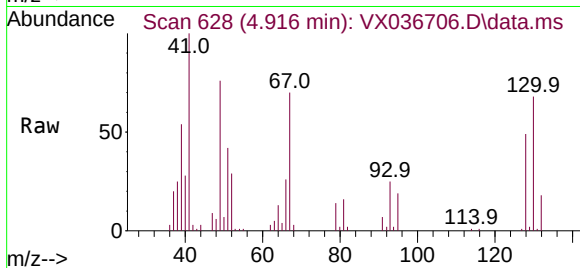


#35
Methacrylonitrile
Concen: 20.304 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 32972

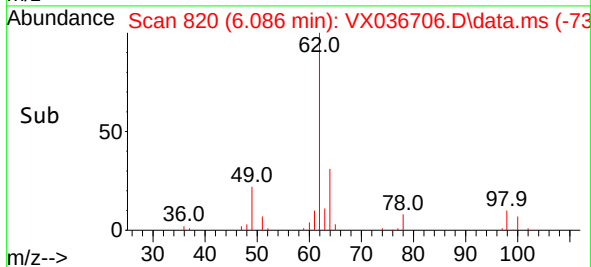
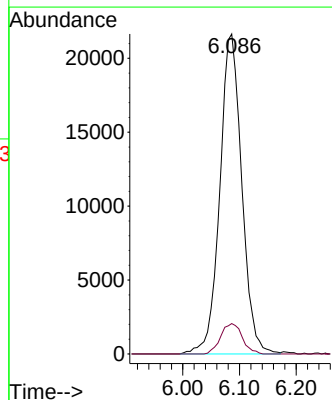
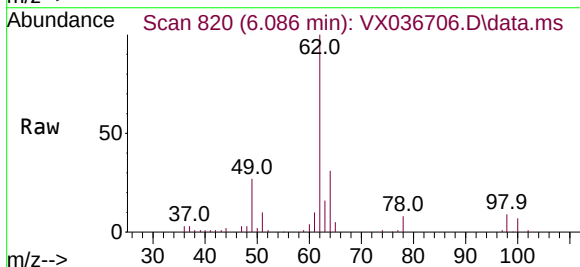
Ion	Ratio	Lower	Upper
41	100		
39	53.5	28.2	84.7
67	69.8	35.0	105.1
52	28.9	15.6	46.7

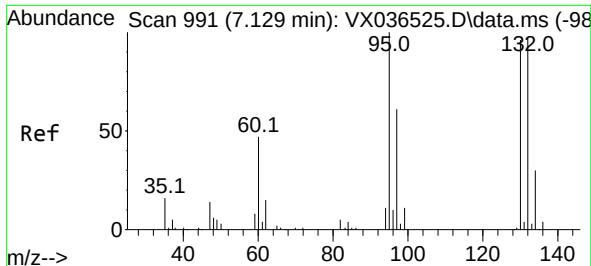


#36
1,2-Dichloroethane
Concen: 19.784 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 62 Resp: 58205

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.0	10.6





#37

Trichloroethene

Concen: 20.017 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

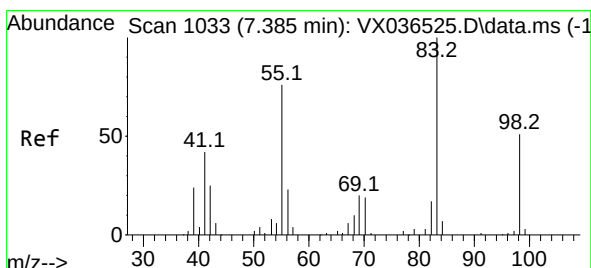
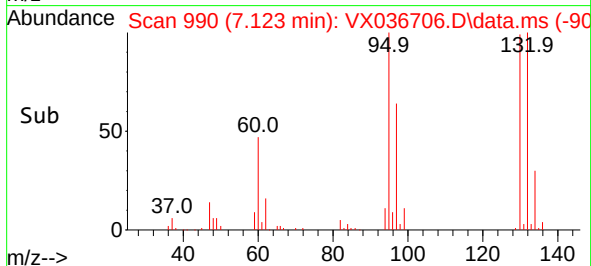
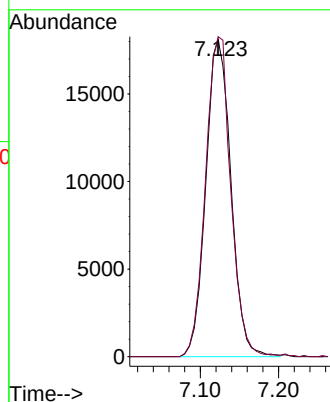
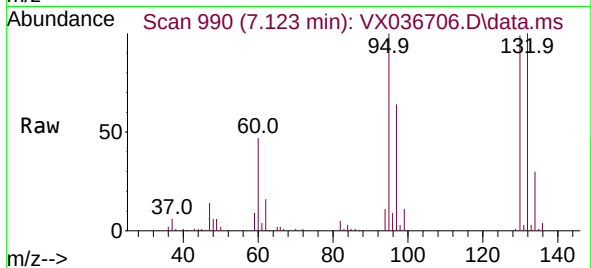
VSTDCCC020EC

Tgt Ion:130 Resp: 40367

Ion Ratio Lower Upper

130 100

95 100.8 83.2 124.8



#38

Methylcyclohexane

Concen: 23.107 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

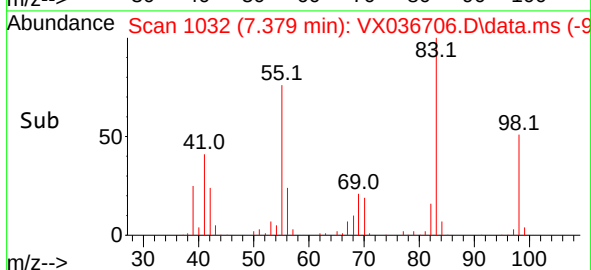
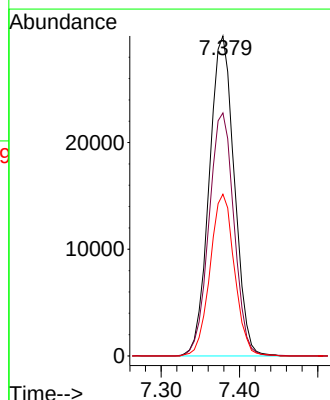
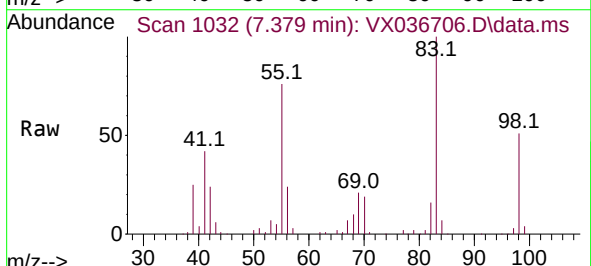
Tgt Ion: 83 Resp: 66821

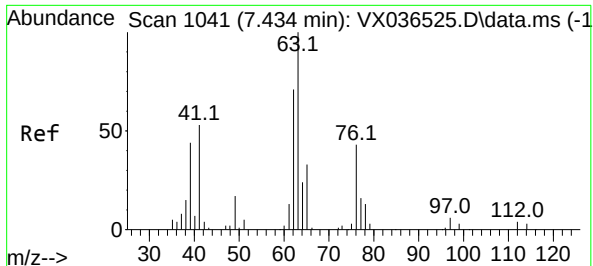
Ion Ratio Lower Upper

83 100

55 75.6 38.1 114.5

98 49.1 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.590 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

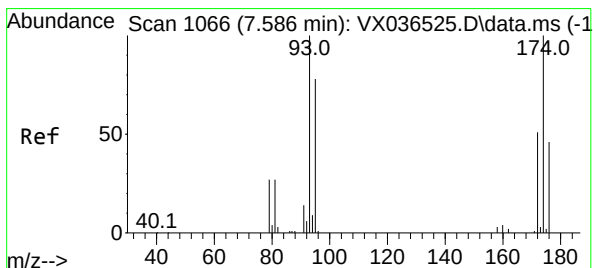
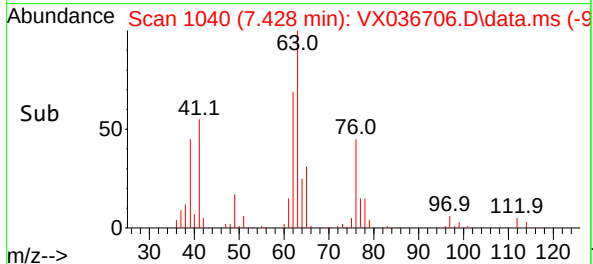
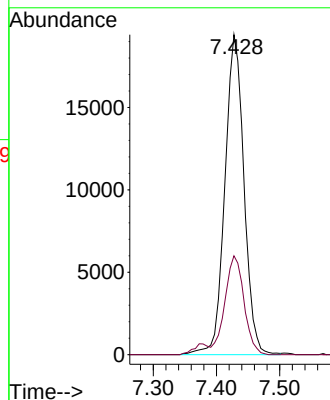
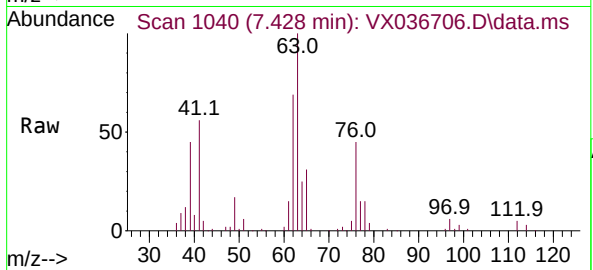
VSTDCCC020EC

Tgt Ion: 63 Resp: 40689

Ion Ratio Lower Upper

63 100

65 30.9 26.4 39.6



#40

Dibromomethane

Concen: 19.459 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

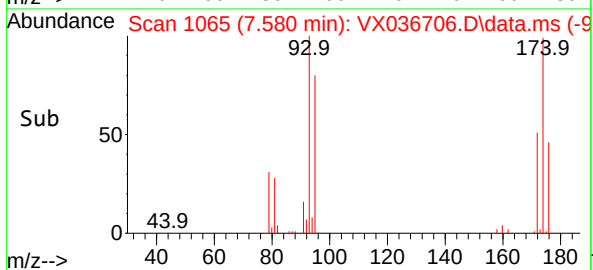
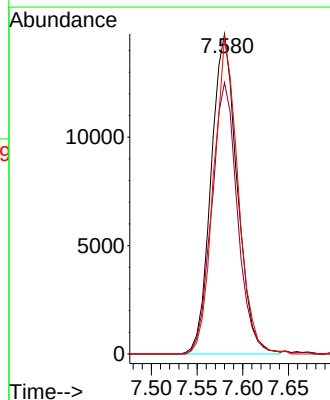
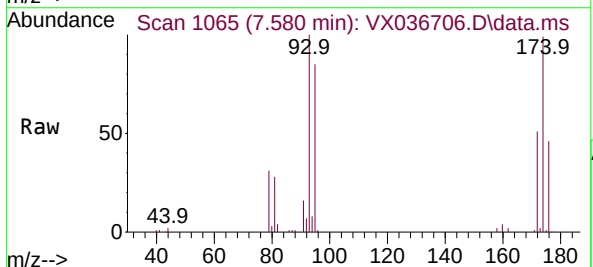
Tgt Ion: 93 Resp: 29275

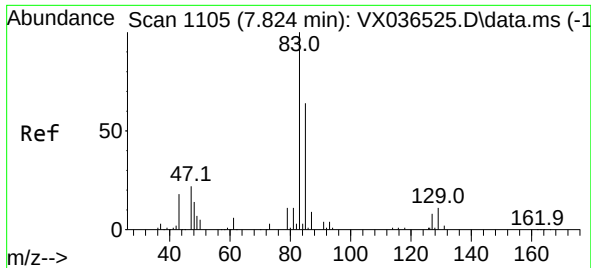
Ion Ratio Lower Upper

93 100

95 83.8 0.0 166.8

174 92.8 0.0 191.6

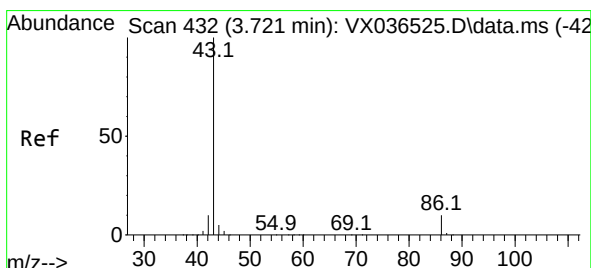
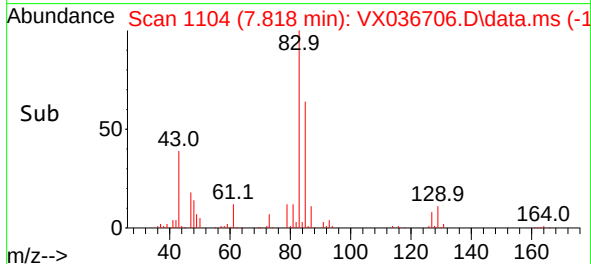
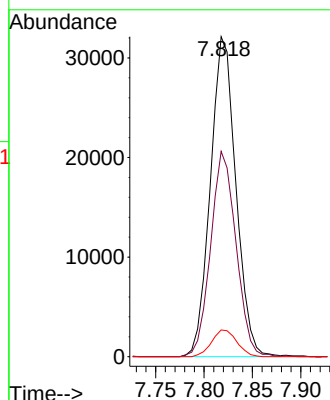
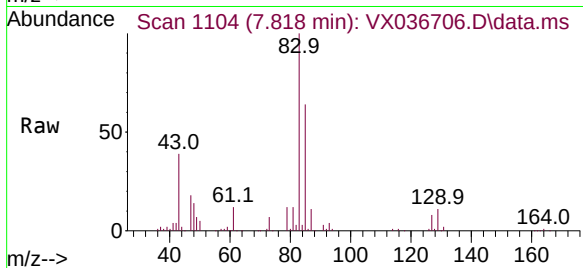




#41
Bromodichloromethane
Concen: 21.603 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

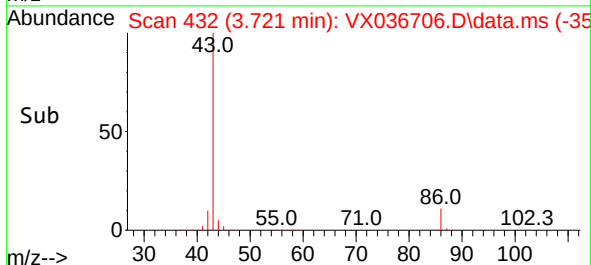
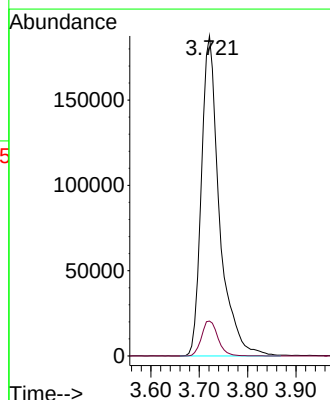
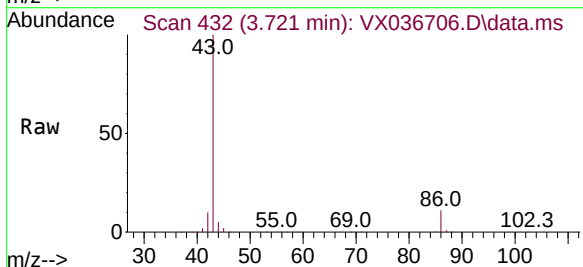
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

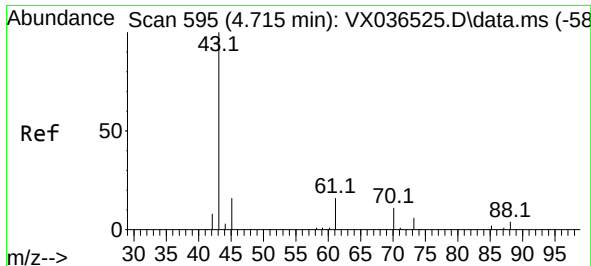
Tgt Ion: 83 Resp: 58984
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3
127 8.4 6.4 9.6



#42
Vinyl Acetate
Concen: 102.915 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 43 Resp: 486541
Ion Ratio Lower Upper
43 100
86 9.9 7.4 11.0

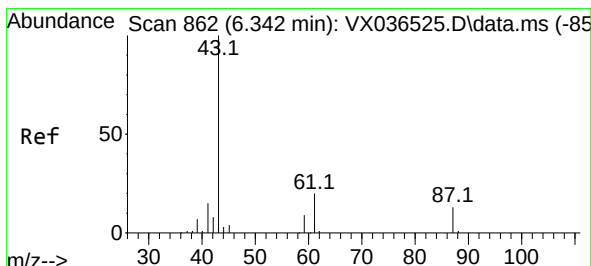
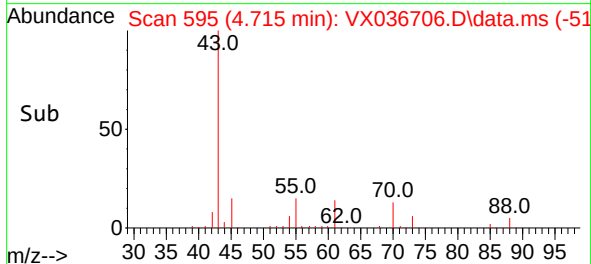
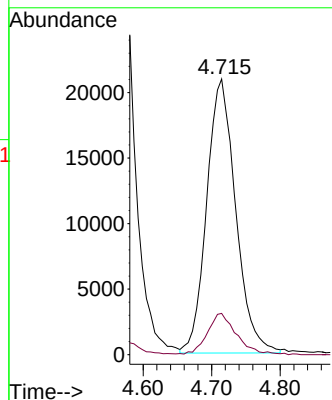
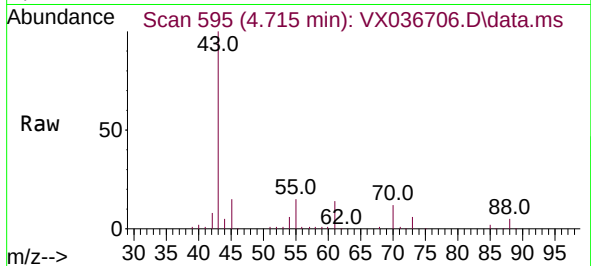




#43
Ethyl Acetate
Concen: 20.200 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

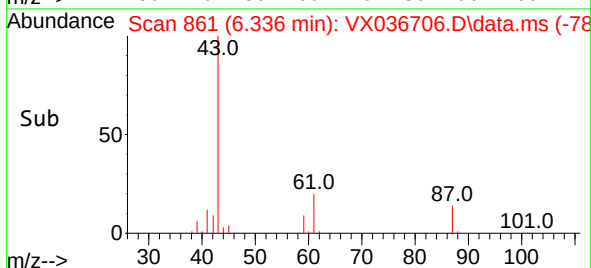
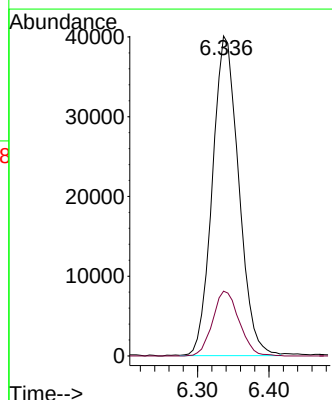
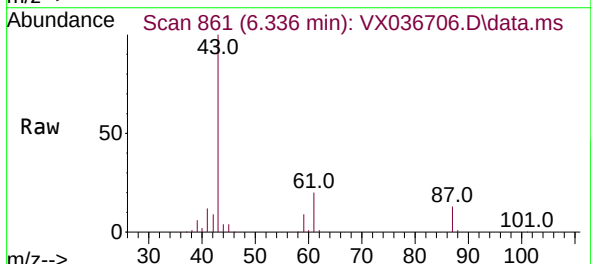
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

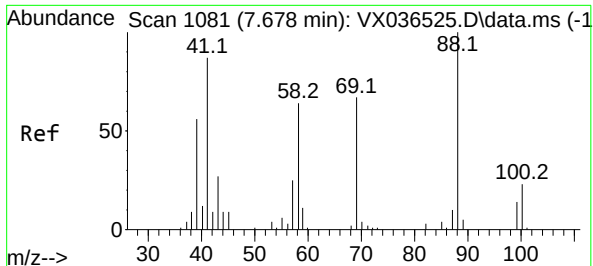
Tgt Ion: 43 Resp: 61543
Ion Ratio Lower Upper
43 100
45 14.8 12.6 18.8



#44
Isopropyl Acetate
Concen: 21.121 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 43 Resp: 102623
Ion Ratio Lower Upper
43 100
61 20.4 15.4 23.0

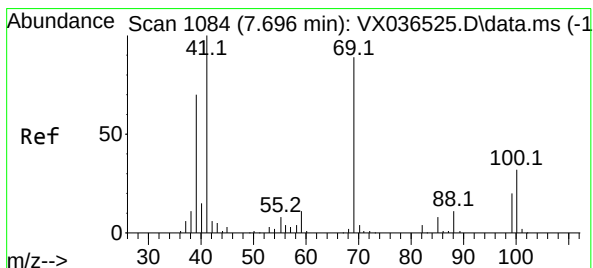
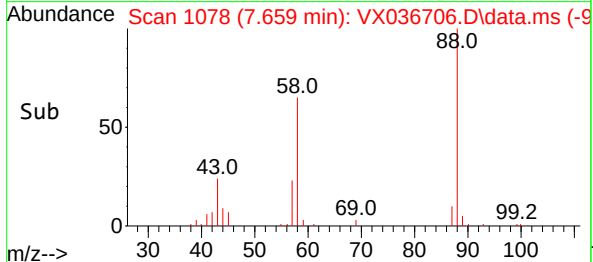
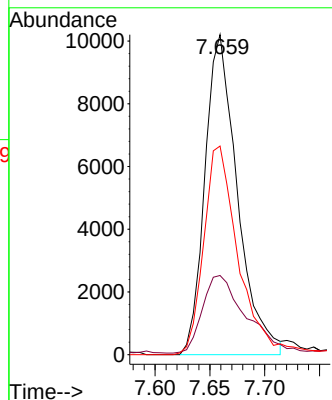
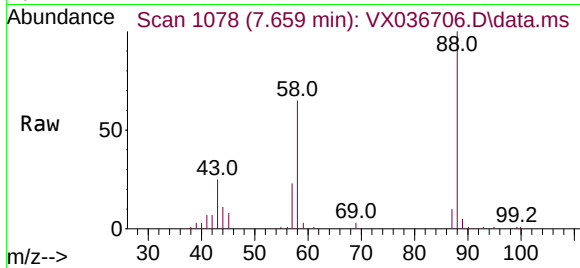




#45
1,4-Dioxane
Concen: 381.607 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.018 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

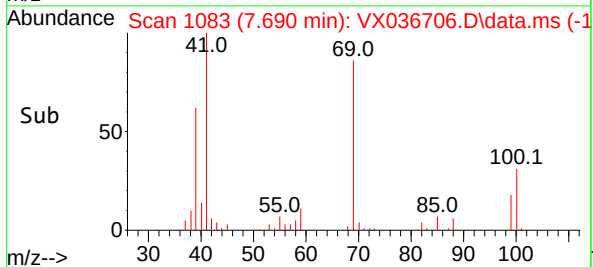
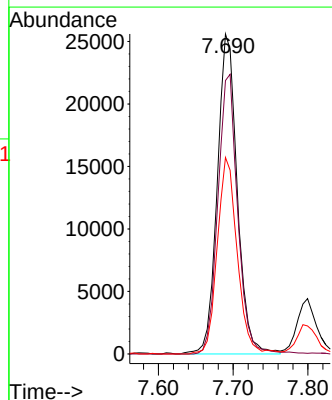
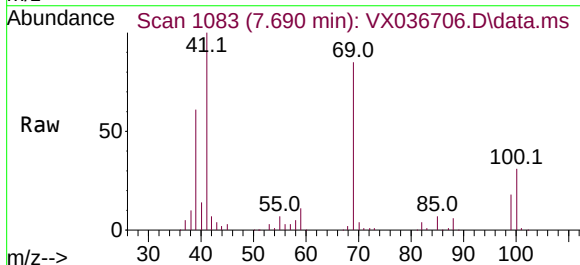
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

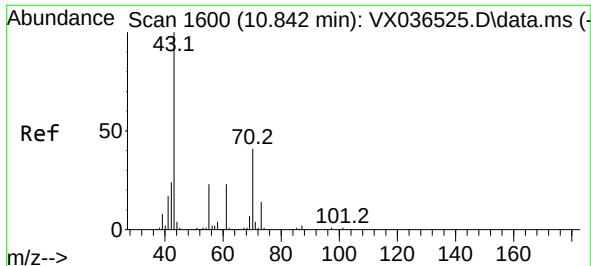
Tgt Ion: 88 Resp: 21046
Ion Ratio Lower Upper
88 100
43 32.4 297.5 446.3#
58 67.3 1.0 1.4#



#46
Methyl methacrylate
Concen: 20.500 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 41 Resp: 47604
Ion Ratio Lower Upper
41 100
69 85.4 44.4 133.1
39 61.4 34.9 104.7

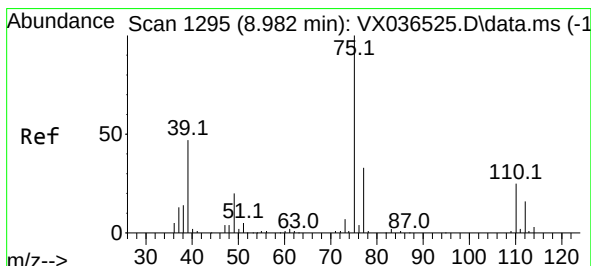
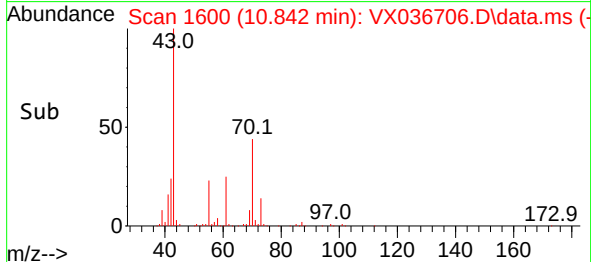
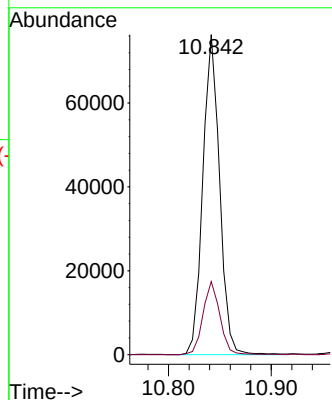
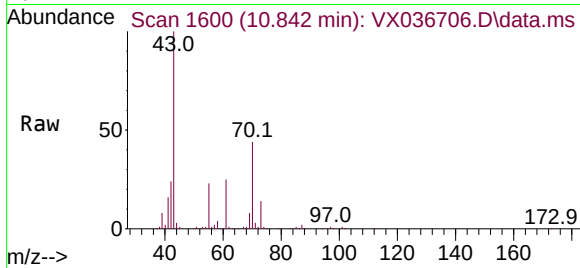




#47
n-amy1 Acetate
Concen: 21.022 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

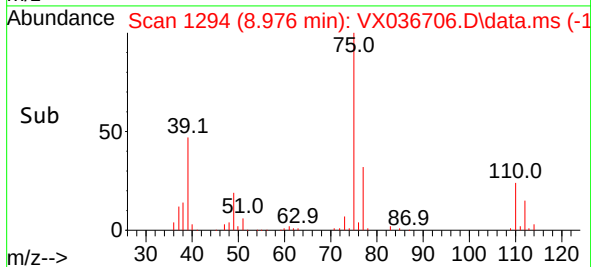
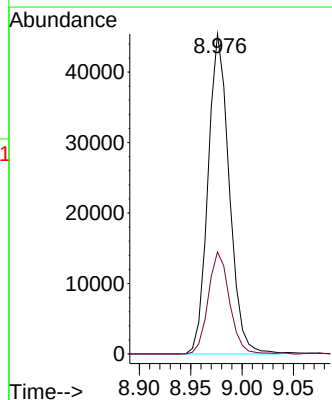
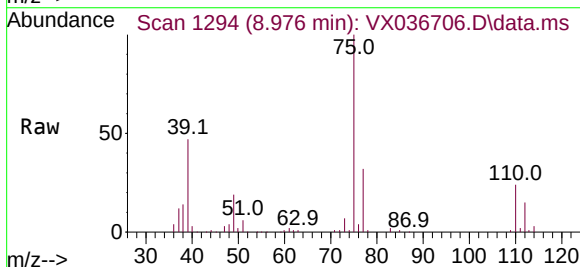
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

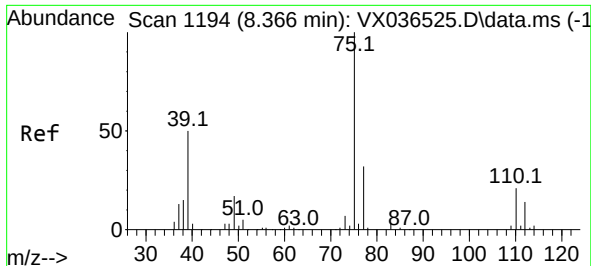
Tgt Ion: 43 Resp: 86633
Ion Ratio Lower Upper
43 100
55 23.0 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 21.754 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 75 Resp: 65147
Ion Ratio Lower Upper
75 100
77 31.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.426 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

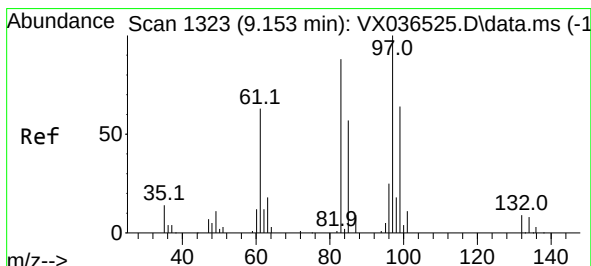
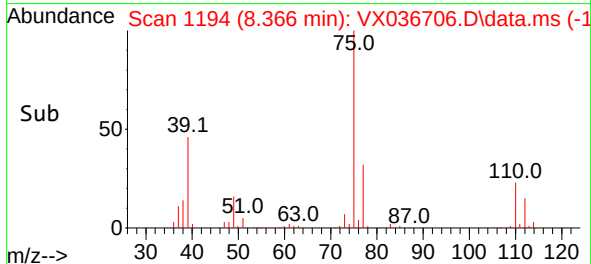
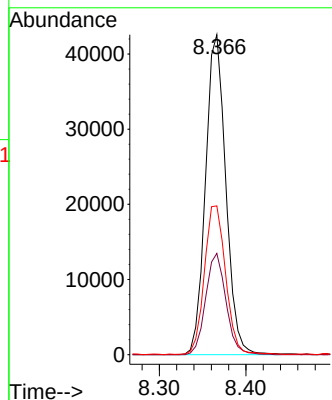
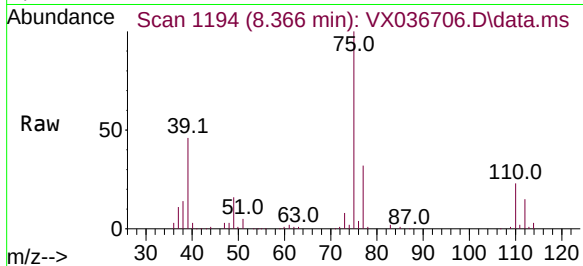
Tgt Ion: 75 Resp: 69310

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 46.3 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 20.025 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Tgt Ion: 97 Resp: 40895

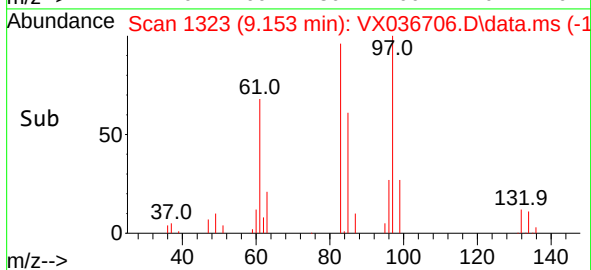
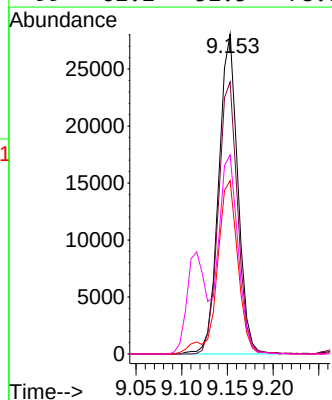
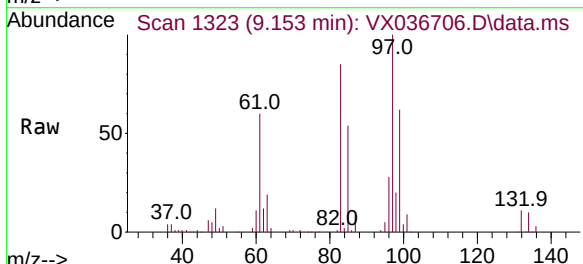
Ion Ratio Lower Upper

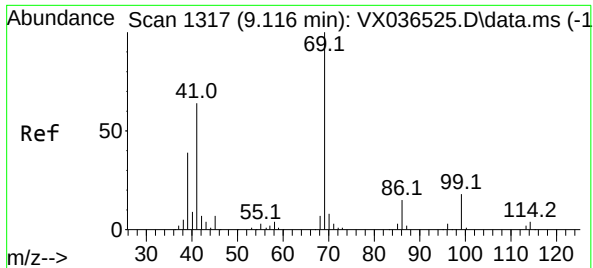
97 100

83 85.0 70.0 105.0

85 54.2 46.1 69.1

99 62.2 52.5 78.7

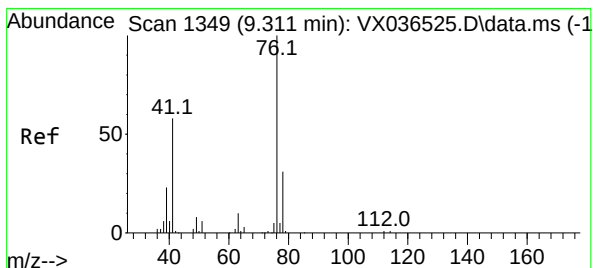
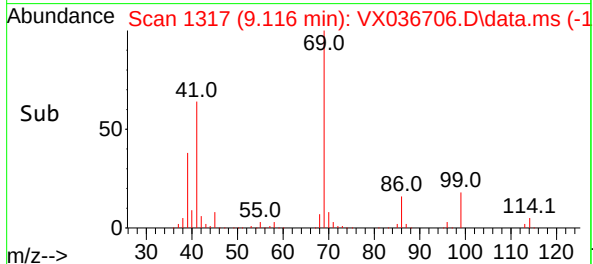
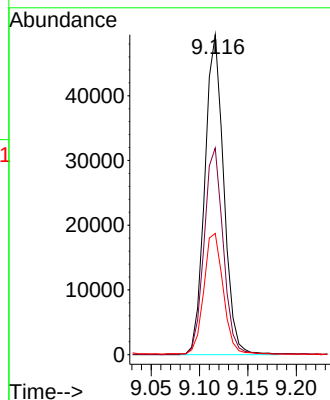
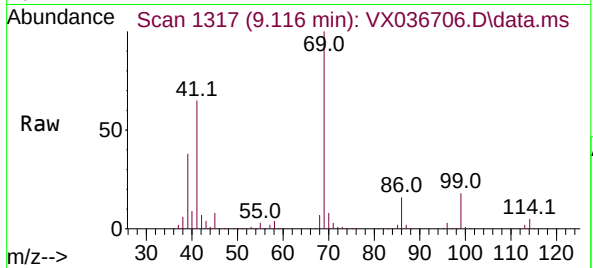




#51
Ethyl methacrylate
Concen: 21.048 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

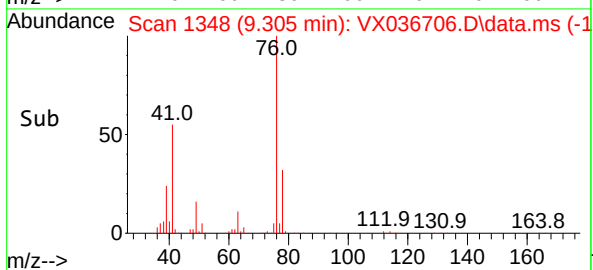
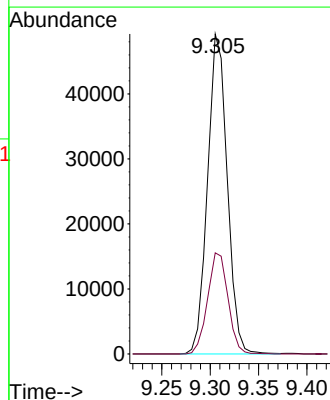
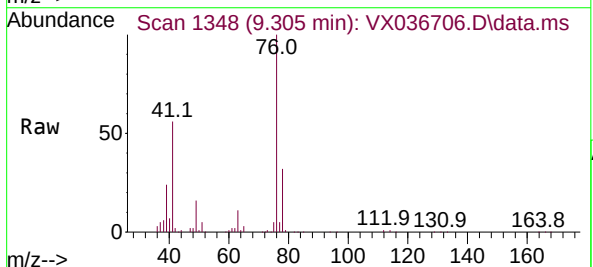
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

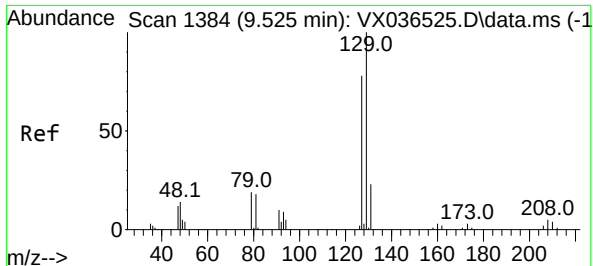
Tgt Ion: 69 Resp: 67484
Ion Ratio Lower Upper
69 100
41 64.4 32.0 96.0
39 37.7 19.4 58.4



#52
1,3-Dichloropropane
Concen: 20.246 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 76 Resp: 69777
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.6

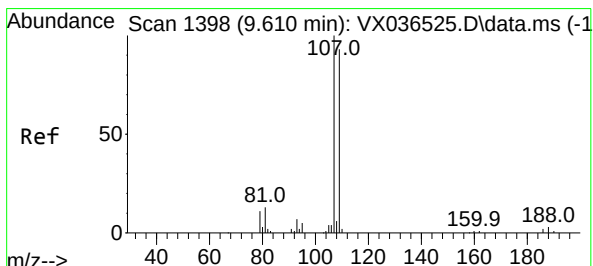
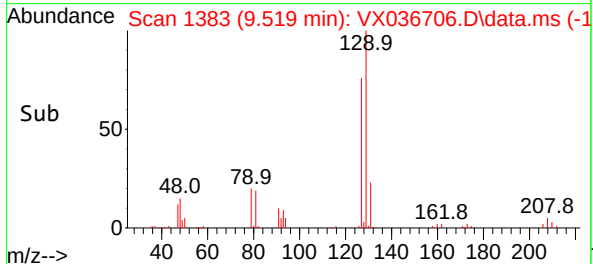
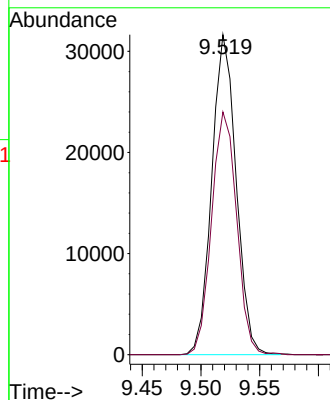
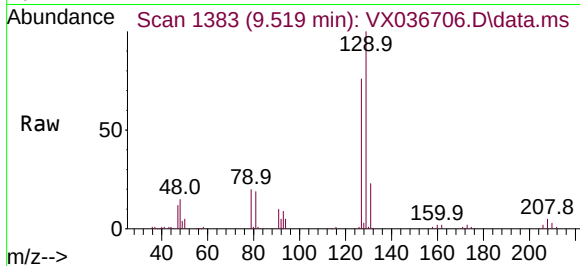




#53
Dibromochloromethane
Concen: 22.159 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

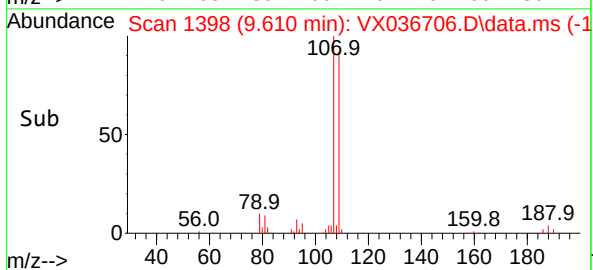
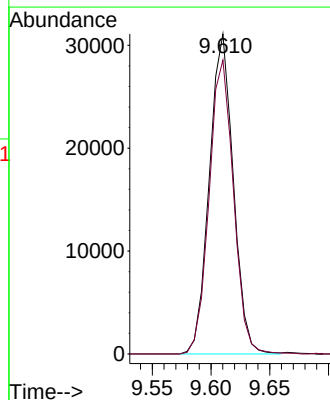
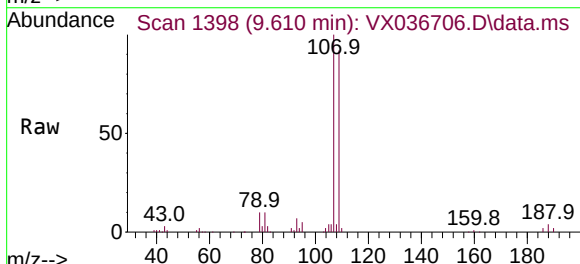
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

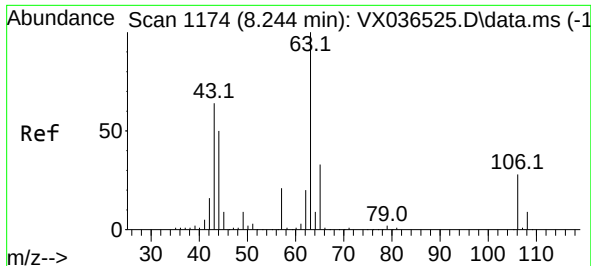
Tgt Ion:129 Resp: 45677
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8



#54
1,2-Dibromoethane
Concen: 20.542 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion:107 Resp: 44070
Ion Ratio Lower Upper
107 100
109 93.2 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 95.113 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

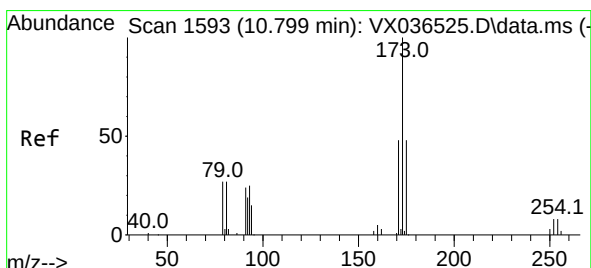
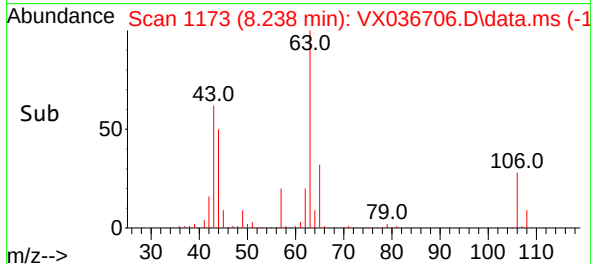
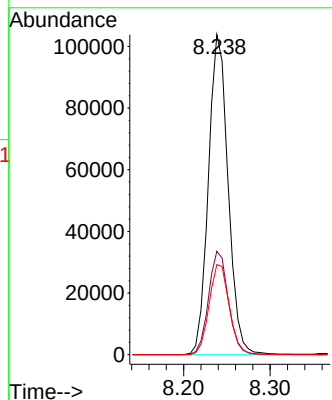
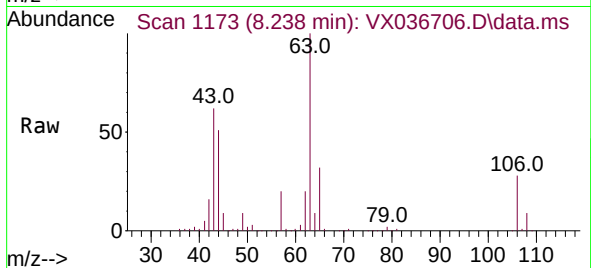
Tgt Ion: 63 Resp: 164011

Ion Ratio Lower Upper

63 100

65 32.5 25.9 38.9

106 28.9 21.8 32.8



#56

Bromoform

Concen: 23.241 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

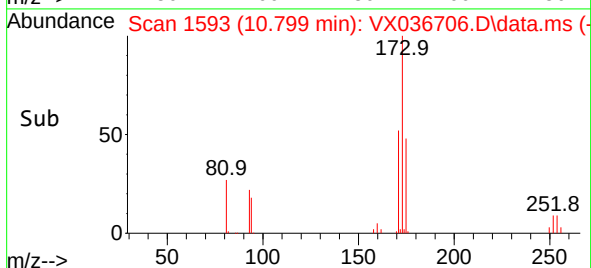
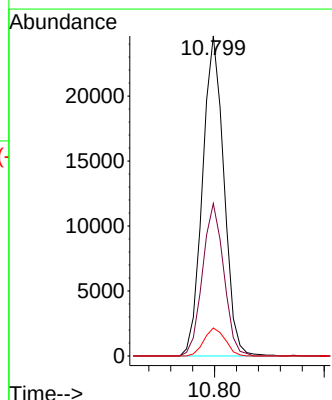
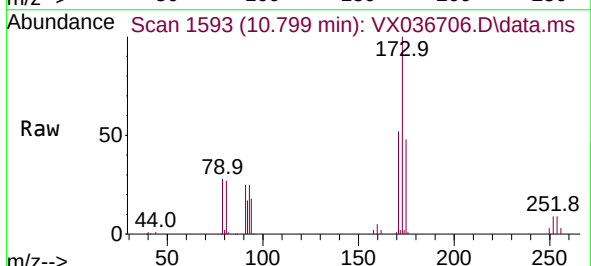
Tgt Ion:173 Resp: 33331

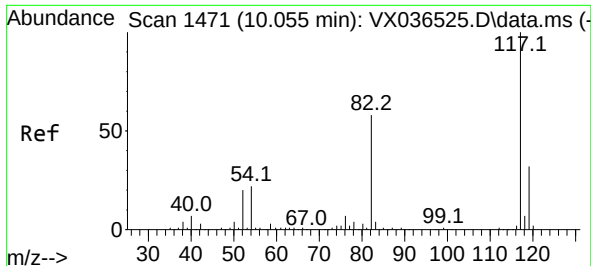
Ion Ratio Lower Upper

173 100

175 47.3 38.1 57.1

254 8.6 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

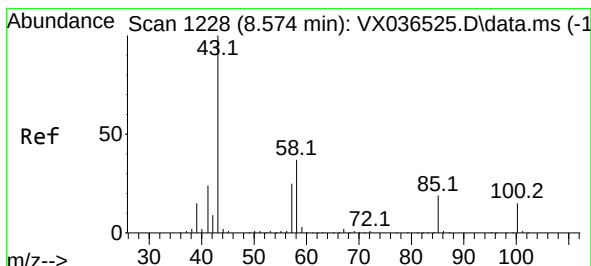
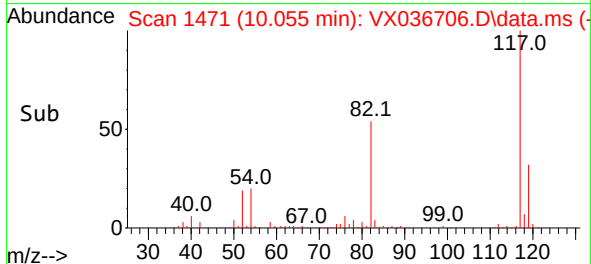
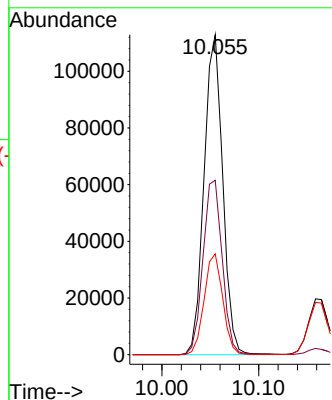
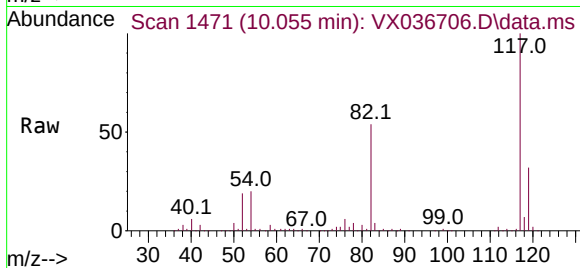
Tgt Ion:117 Resp: 151942

Ion Ratio Lower Upper

117 100

82 56.2 44.7 67.1

119 31.4 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 99.014 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

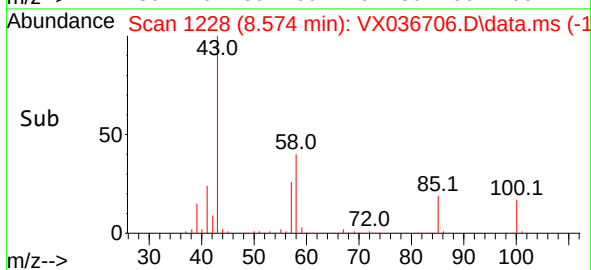
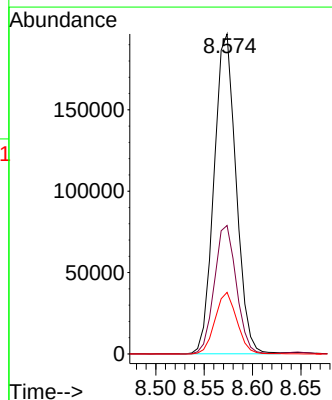
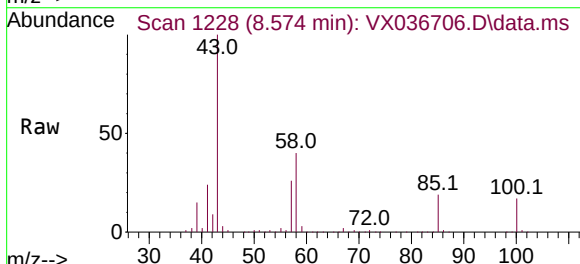
Tgt Ion: 43 Resp: 311098

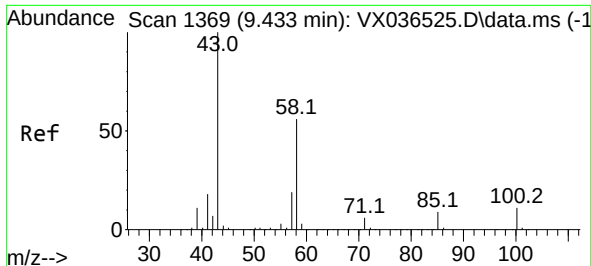
Ion Ratio Lower Upper

43 100

58 40.2 30.9 46.3

85 19.0 14.4 21.6





#59

2-Hexanone

Concen: 99.074 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

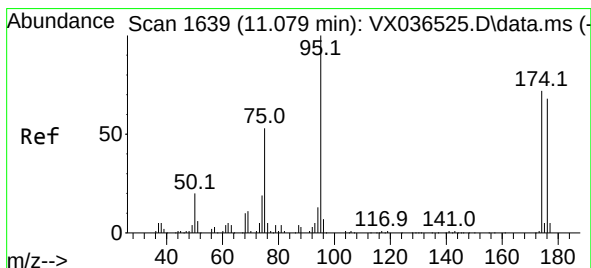
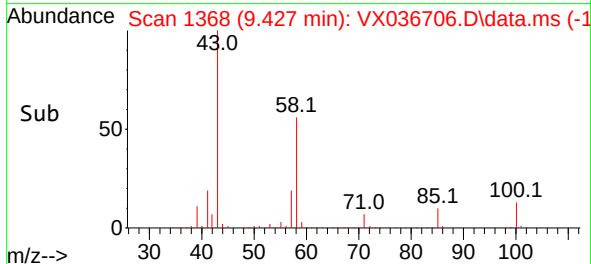
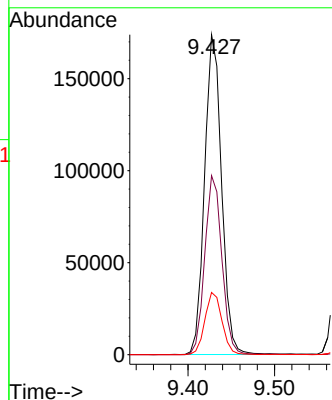
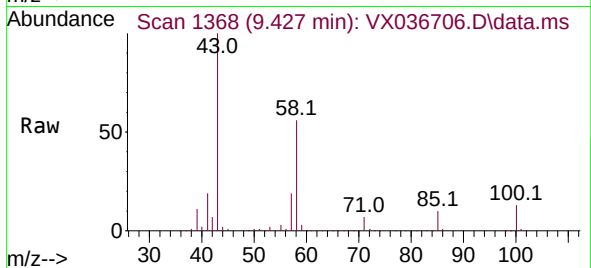
Tgt Ion: 43 Resp: 236815

Ion Ratio Lower Upper

43 100

58 56.4 43.4 65.2

57 19.7 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 29.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

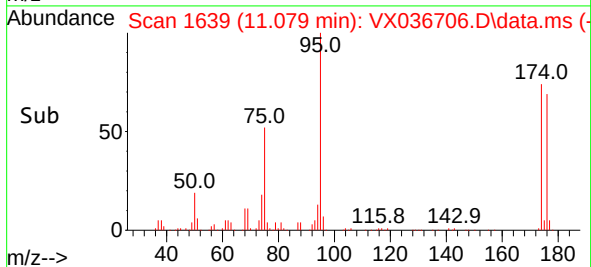
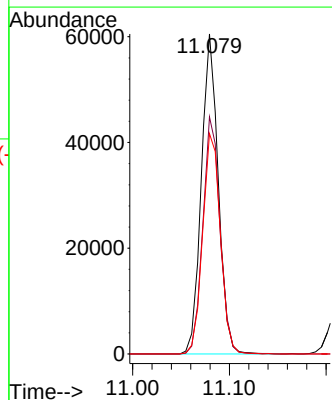
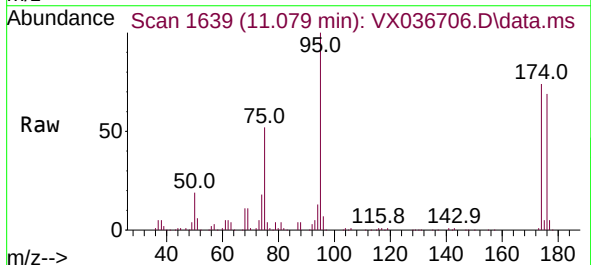
Tgt Ion: 95 Resp: 73548

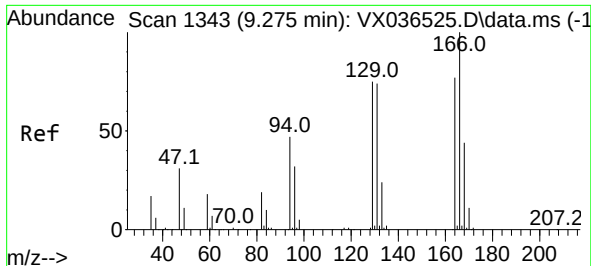
Ion Ratio Lower Upper

95 100

174 75.0 60.5 90.7

176 72.1 58.2 87.4

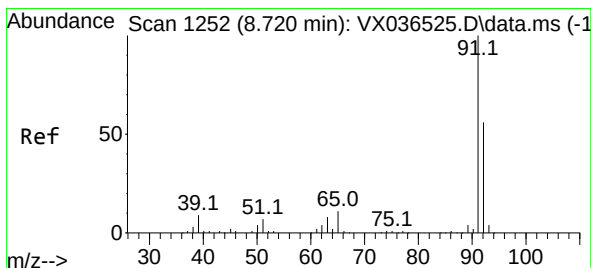
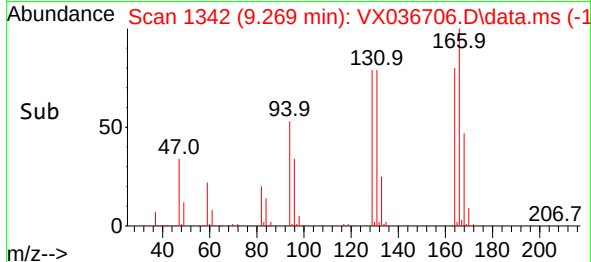
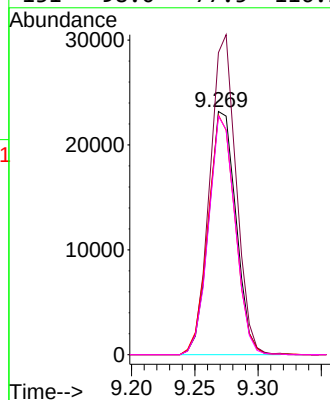
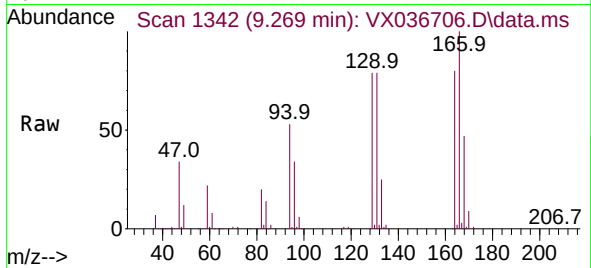




#61
Tetrachloroethene
Concen: 19.164 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

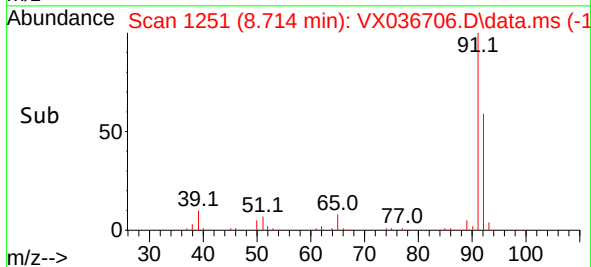
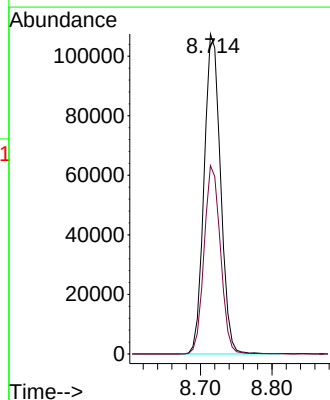
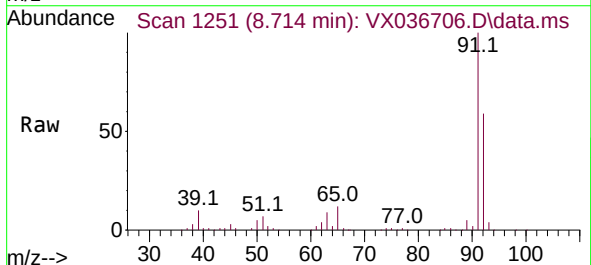
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

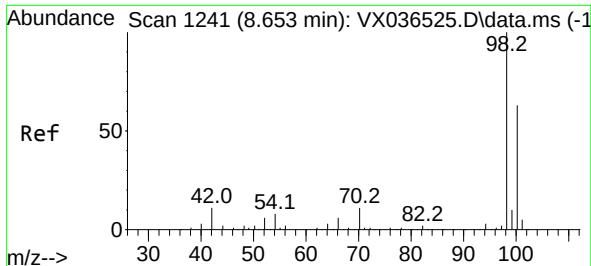
Tgt Ion:164 Resp: 34876
Ion Ratio Lower Upper
164 100
166 124.2 104.5 156.7
129 98.6 78.0 117.0
131 98.0 77.5 116.3



#62
Toluene
Concen: 20.132 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 91 Resp: 171629
Ion Ratio Lower Upper
91 100
92 58.6 44.9 67.3

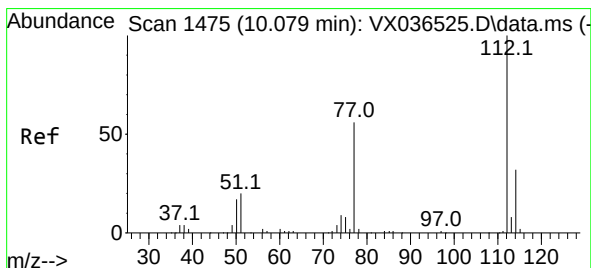
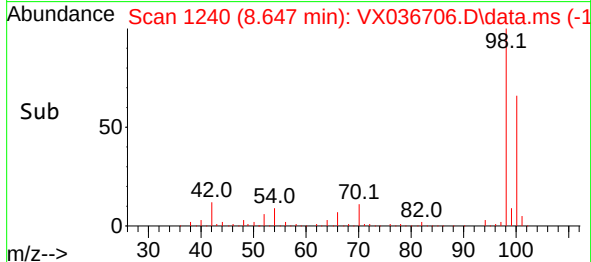
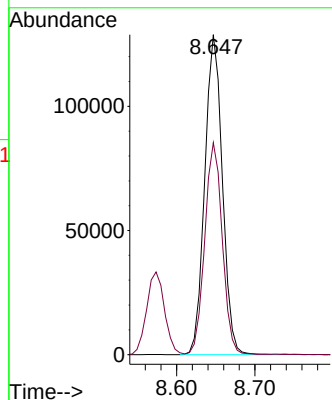
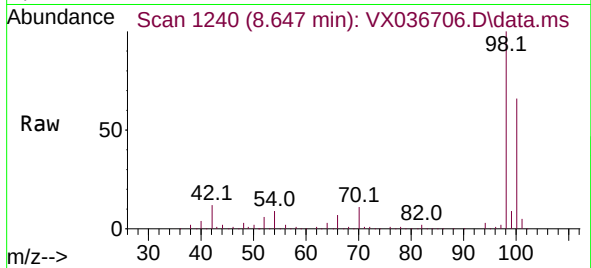




#63
Toluene-d8
Concen: 28.752 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

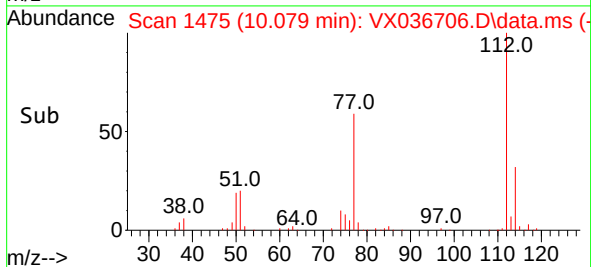
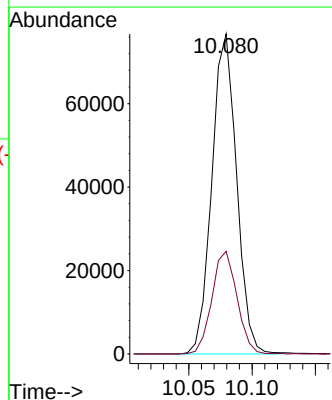
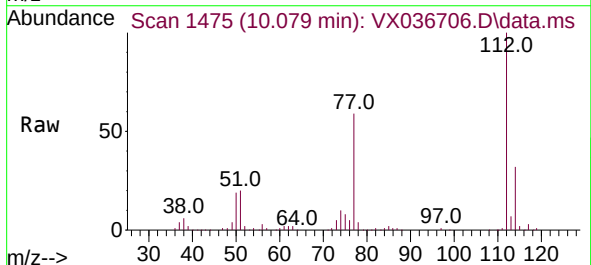
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

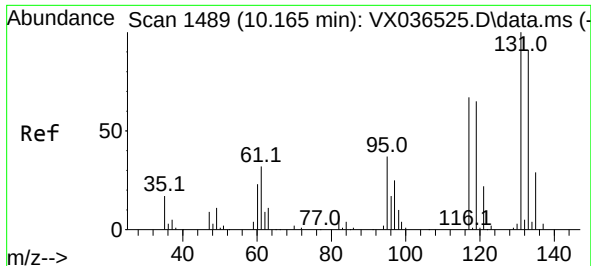
Tgt Ion: 98 Resp: 201030
Ion Ratio Lower Upper
98 100
100 65.9 51.6 77.4



#64
Chlorobenzene
Concen: 19.674 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 112 Resp: 104419
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.402 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

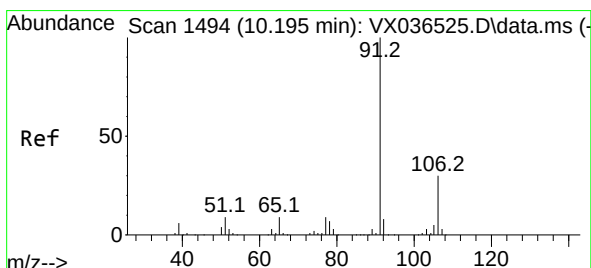
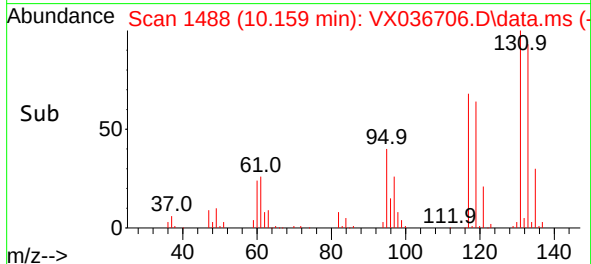
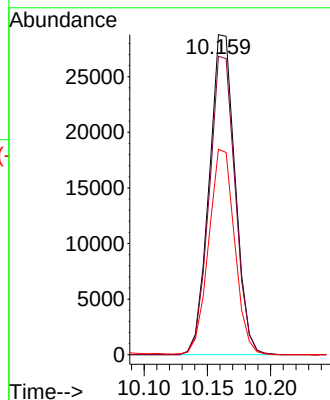
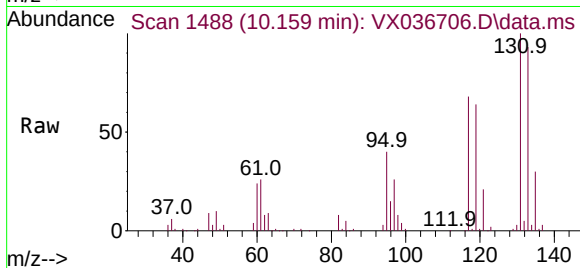
Tgt Ion:131 Resp: 41024

Ion Ratio Lower Upper

131 100

133 93.4 0.0 192.0

119 64.2 0.0 132.8



#66

Ethyl Benzene

Concen: 20.644 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036706.D

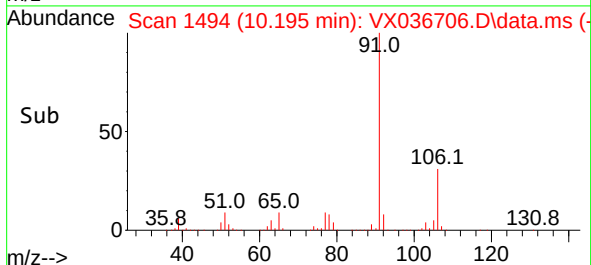
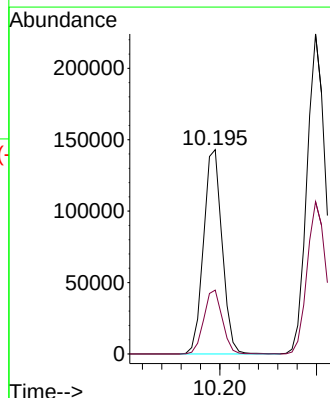
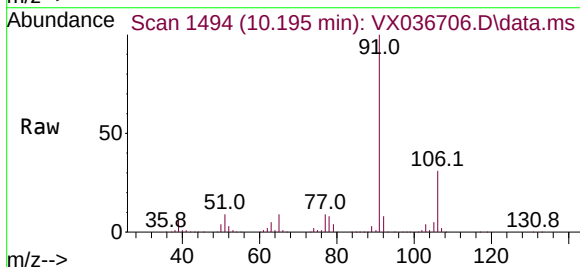
Acq: 28 Jul 2023 16:08

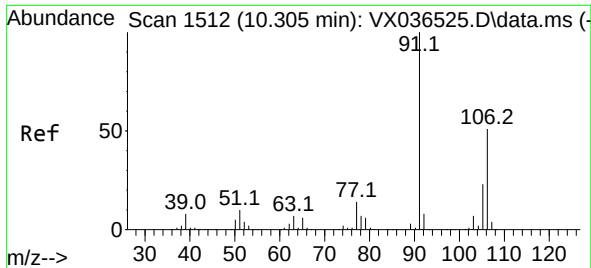
Tgt Ion: 91 Resp: 191269

Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.4

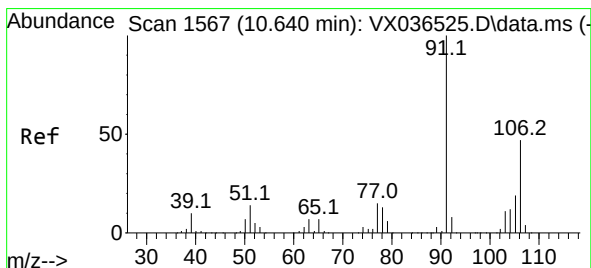
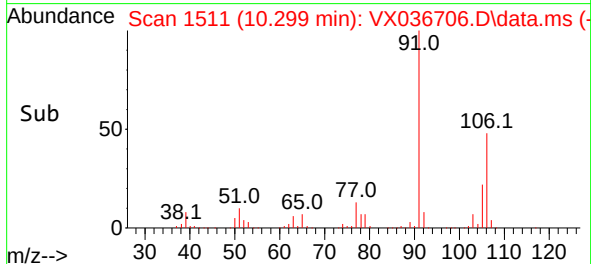
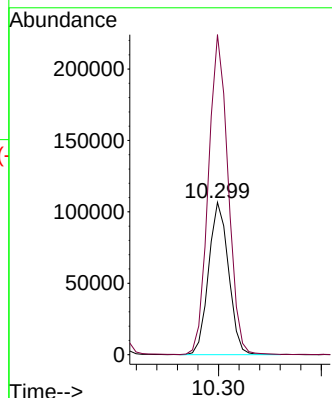
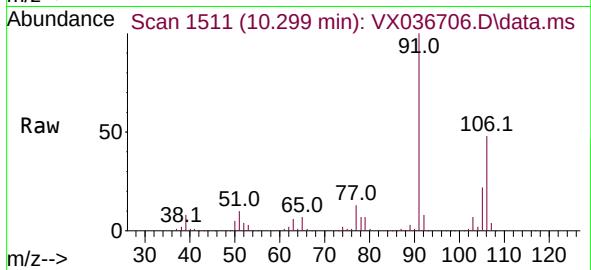




#67
m/p-Xylenes
Concen: 39.872 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

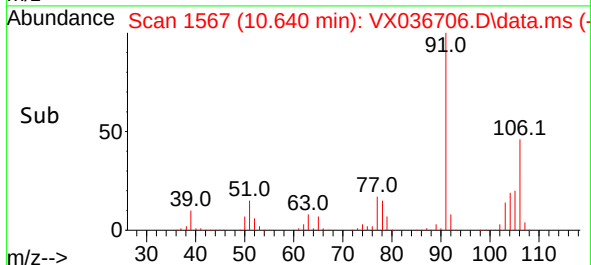
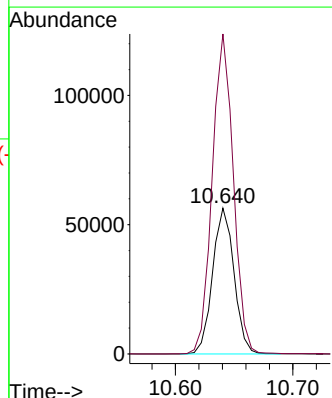
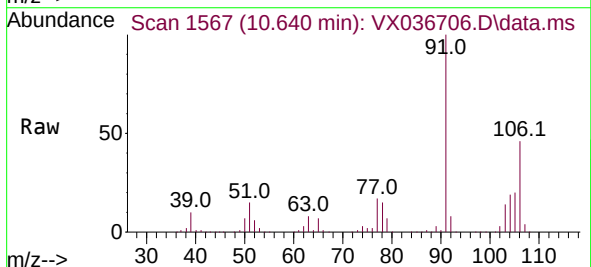
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

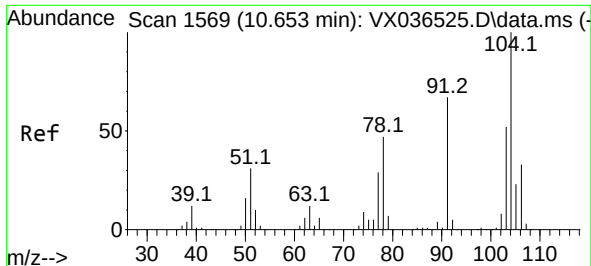
Tgt Ion:106 Resp: 144020
Ion Ratio Lower Upper
106 100
91 207.5 160.5 240.7



#68
o-Xylene
Concen: 19.974 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion:106 Resp: 71604
Ion Ratio Lower Upper
106 100
91 215.7 105.4 316.1

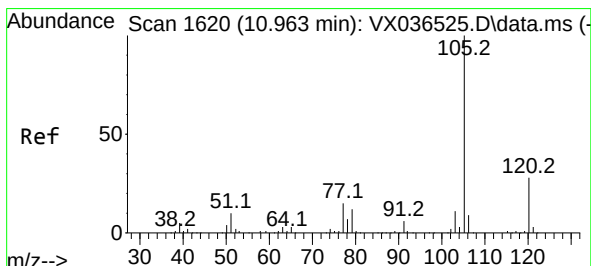
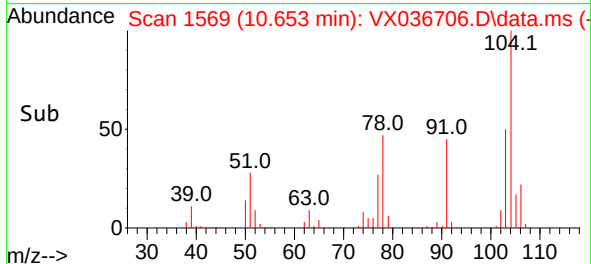
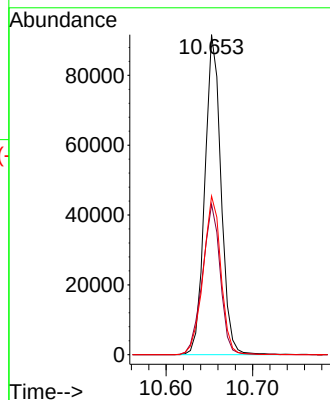
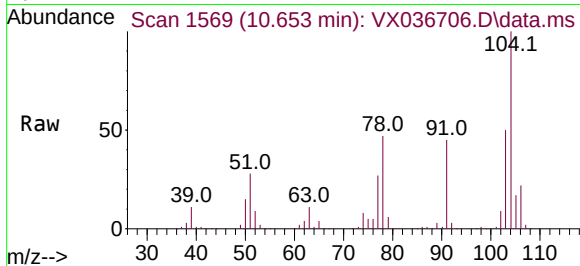




#69
Styrene
Concen: 20.467 ug/l
RT: 10.653 min Scan# 118957
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

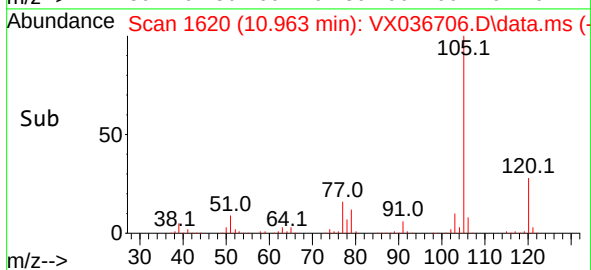
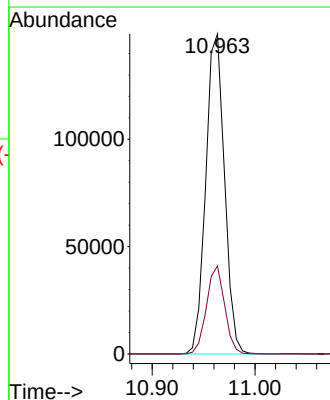
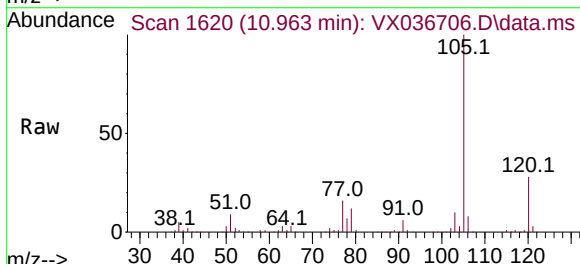
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

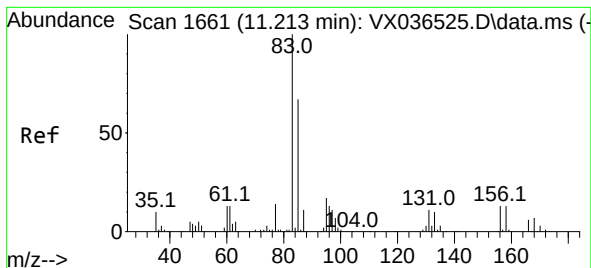
Tgt Ion:104 Resp: 118957
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 54.3 45.5 68.3



#70
Isopropylbenzene
Concen: 21.213 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion:105 Resp: 189399
Ion Ratio Lower Upper
105 100
120 26.6 19.5 36.3

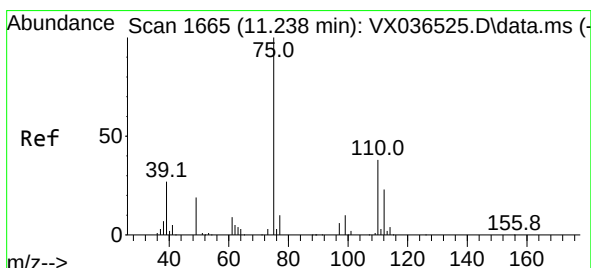
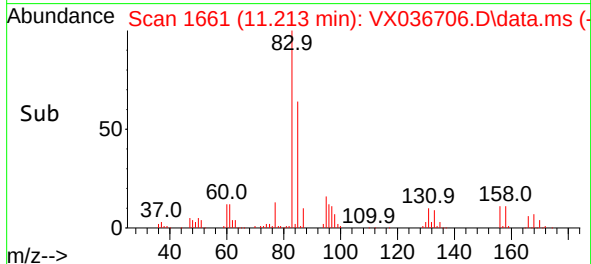
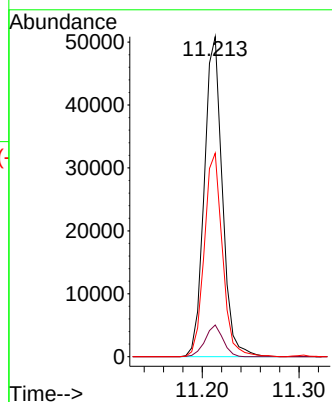
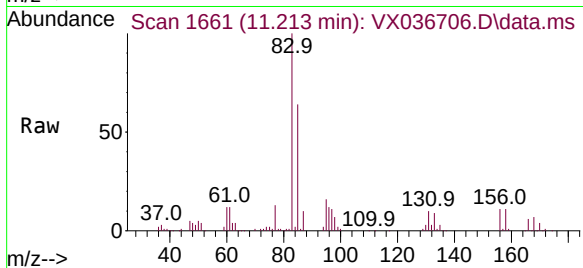




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.273 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

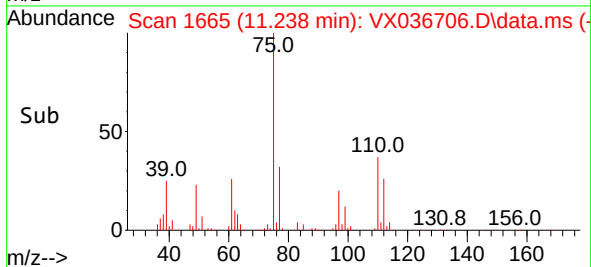
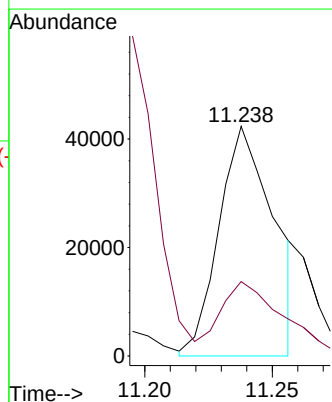
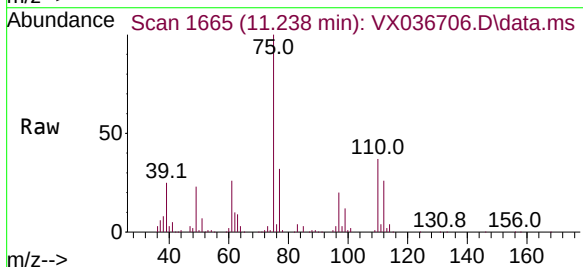
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

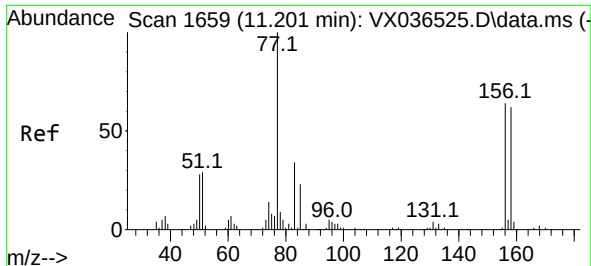
Tgt Ion: 83 Resp: 66064
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 15.8
 85 64.0 32.4 97.0



#72
 1,2,3-Trichloropropane
 Concen: 20.944 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

Tgt Ion: 75 Resp: 63247
 Ion Ratio Lower Upper
 75 100
 77 37.7 0.0 77.2

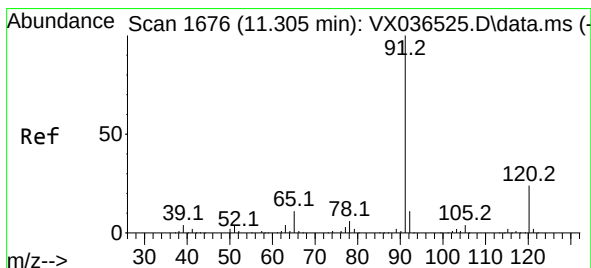
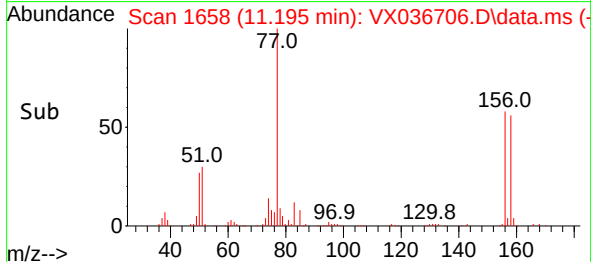
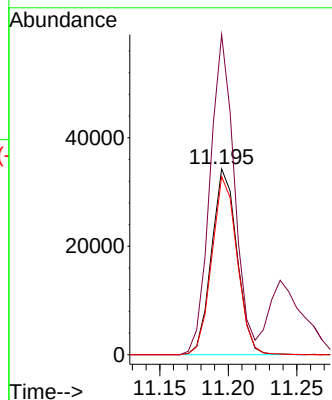
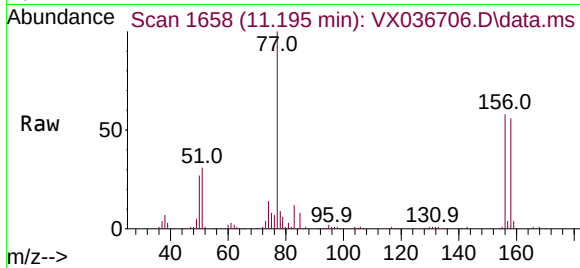




#73
Bromobenzene
Concen: 19.949 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

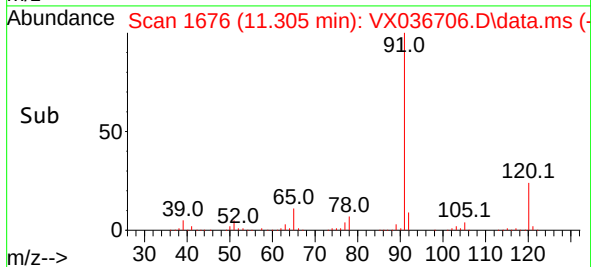
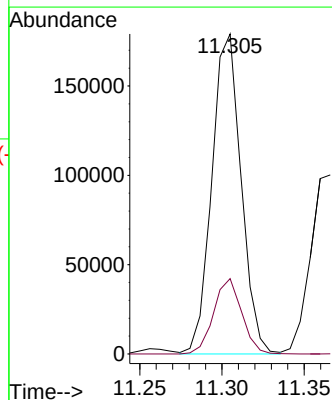
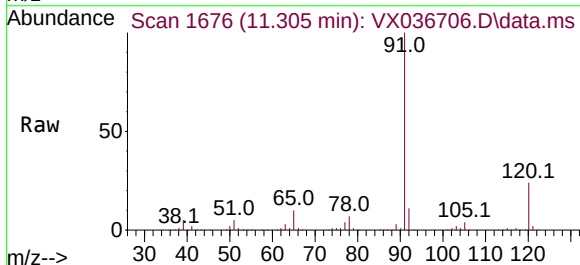
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

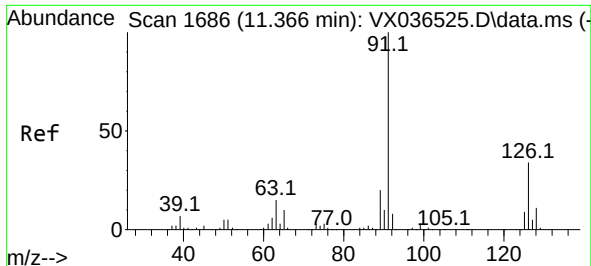
Tgt Ion:156 Resp: 44028
Ion Ratio Lower Upper
156 100
77 165.5 0.0 333.0
158 95.6 0.0 196.4



#74
n-propylbenzene
Concen: 21.105 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 91 Resp: 221792
Ion Ratio Lower Upper
91 100
120 22.6 0.0 46.6

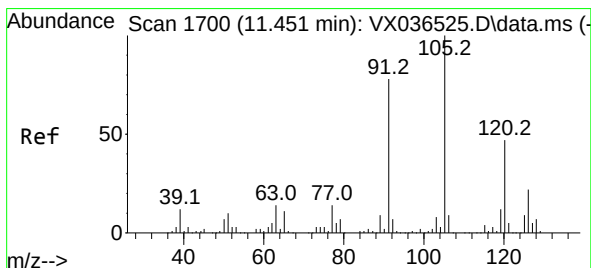
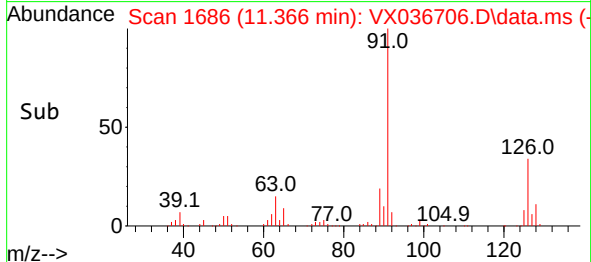
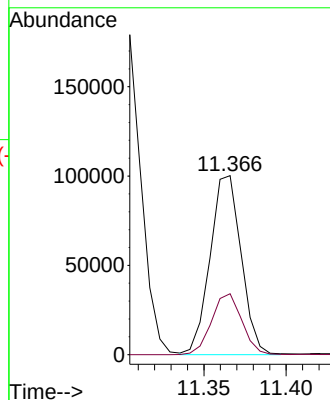
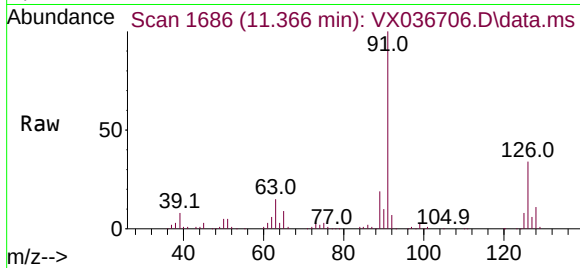




#75
2-Chlorotoluene
Concen: 20.690 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

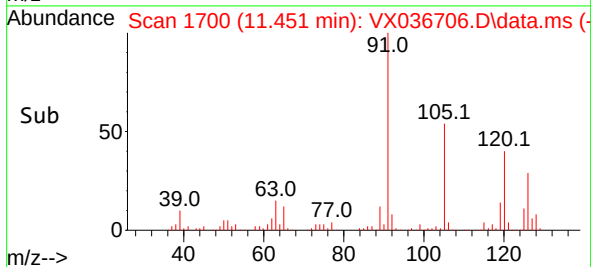
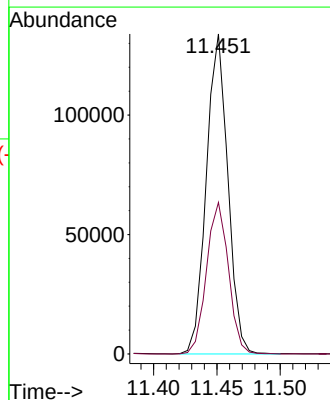
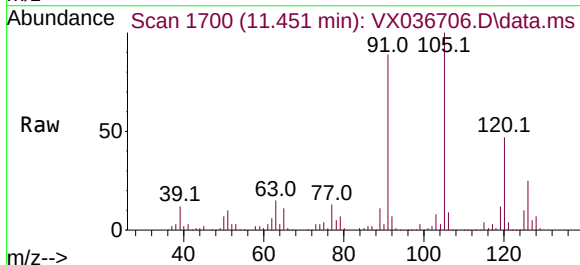
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

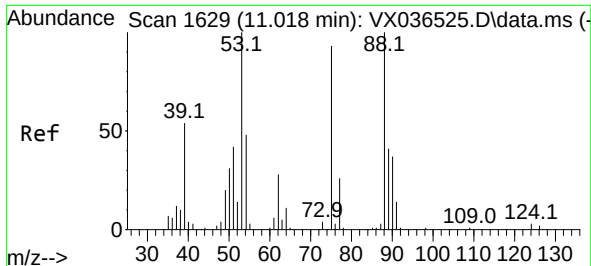
Tgt Ion: 91 Resp: 132220
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 20.674 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 105 Resp: 158616
Ion Ratio Lower Upper
105 100
120 48.2 0.0 96.4

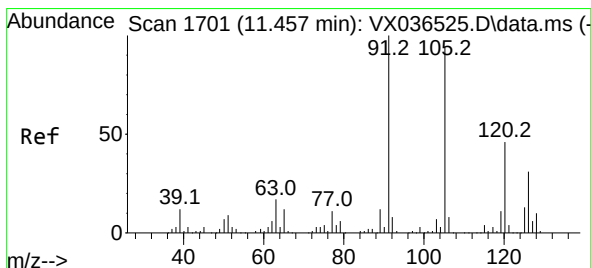
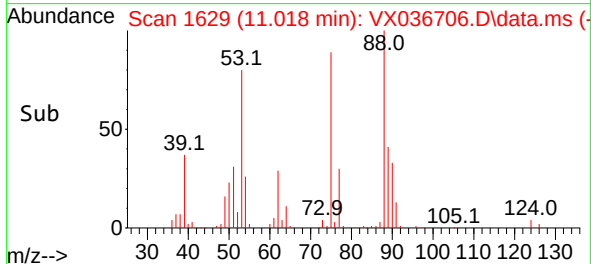
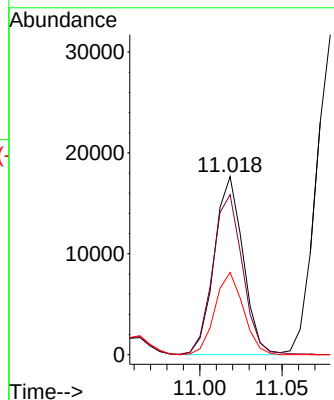
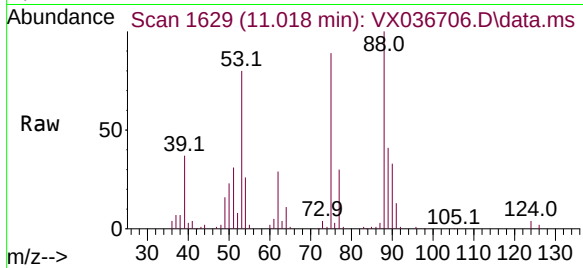




#77
t-1,4-Dichloro-2-butene
Concen: 21.747 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

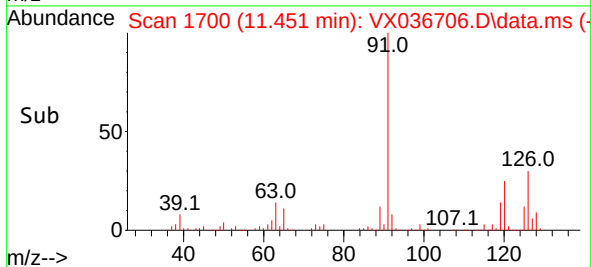
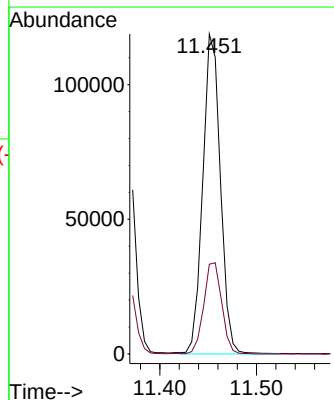
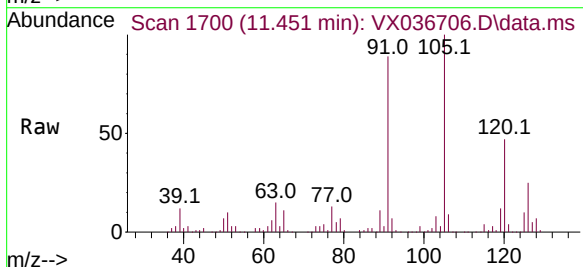
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

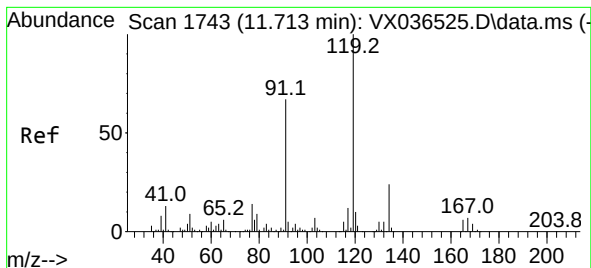
Tgt Ion: 75 Resp: 21565
Ion Ratio Lower Upper
75 100
53 89.6 53.9 161.7
89 46.2 22.1 66.1



#78
4-Chlorotoluene
Concen: 20.717 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 91 Resp: 150738
Ion Ratio Lower Upper
91 100
126 29.1 0.0 59.4





#79

tert-butylbenzene

Concen: 21.609 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

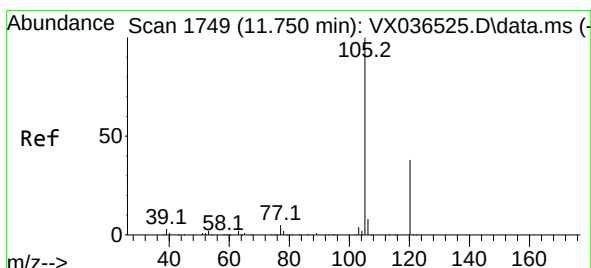
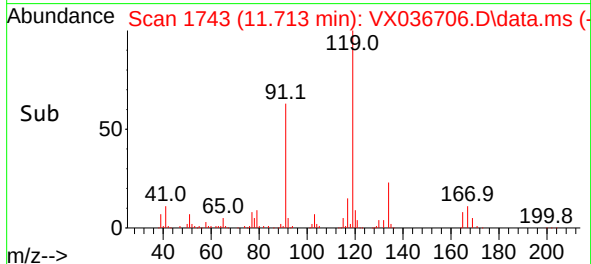
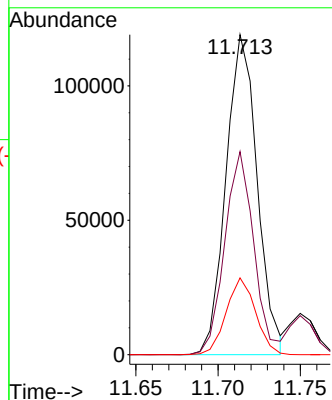
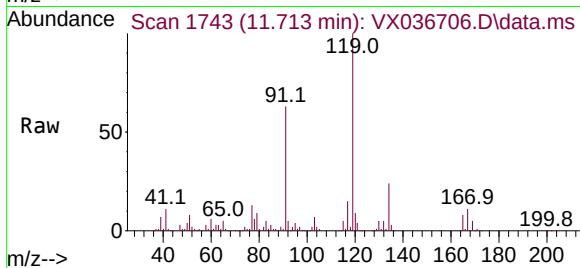
Tgt Ion:119 Resp: 157356

Ion Ratio Lower Upper

119 100

91 59.3 0.0 124.4

134 22.6 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 20.698 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036706.D

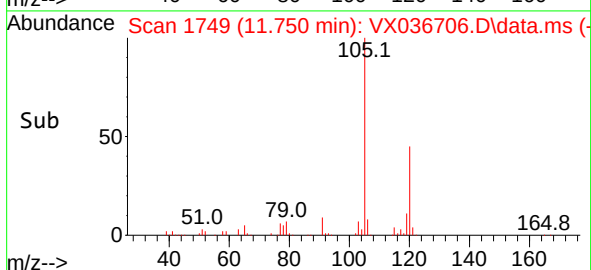
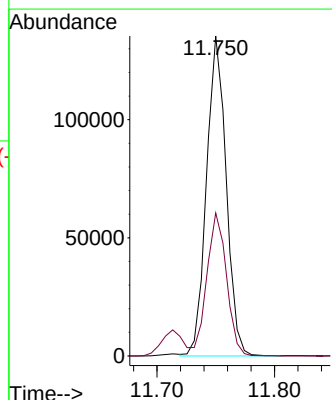
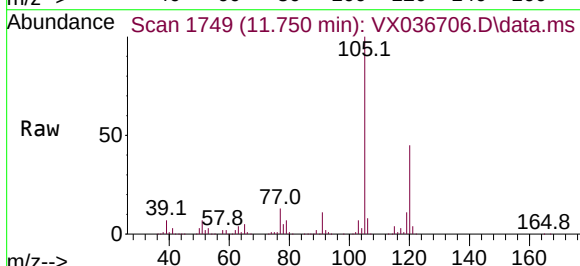
Acq: 28 Jul 2023 16:08

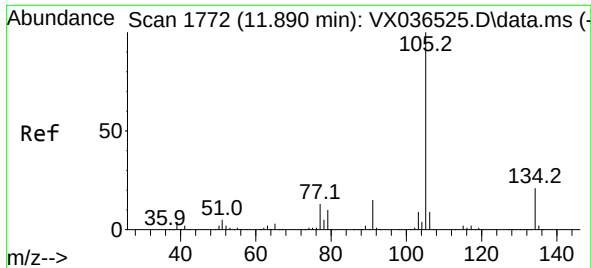
Tgt Ion:105 Resp: 157349

Ion Ratio Lower Upper

105 100

120 45.1 0.0 90.2

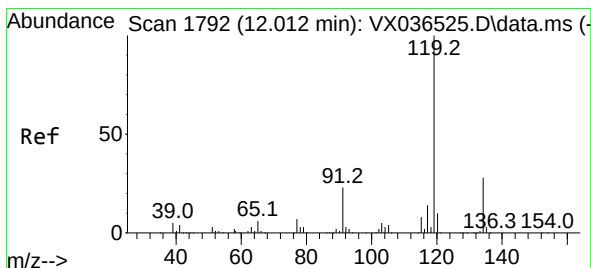
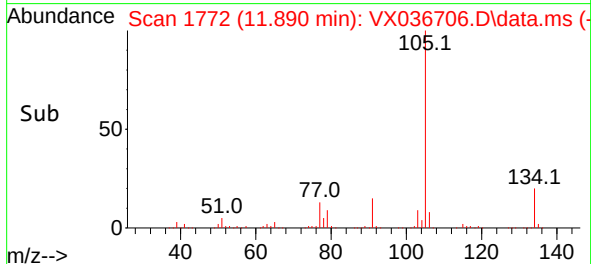
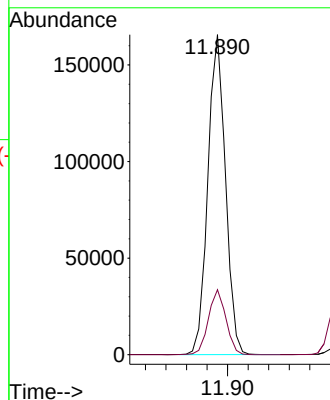
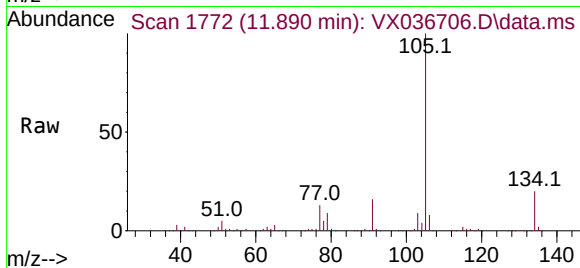




#81
 sec-Butylbenzene
 Concen: 21.514 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

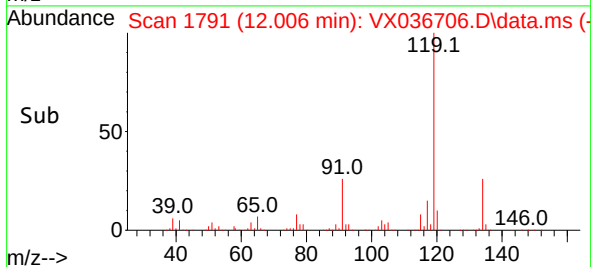
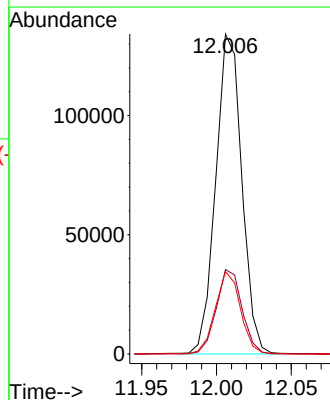
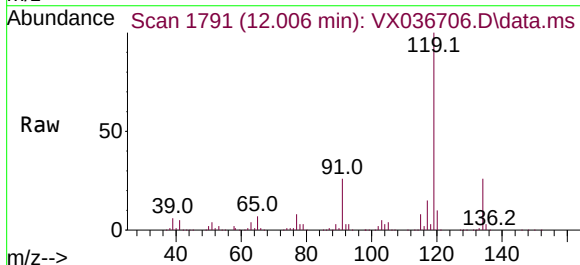
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

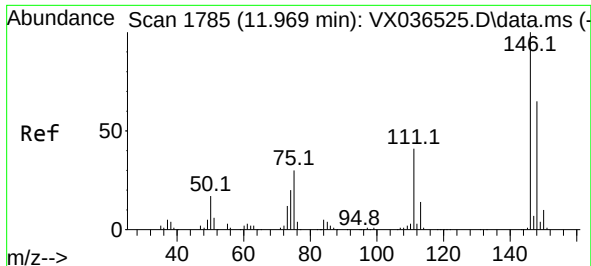
Tgt Ion:105 Resp: 197193
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 21.332 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

Tgt Ion:119 Resp: 162676
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 53.2
 91 24.6 0.0 49.4

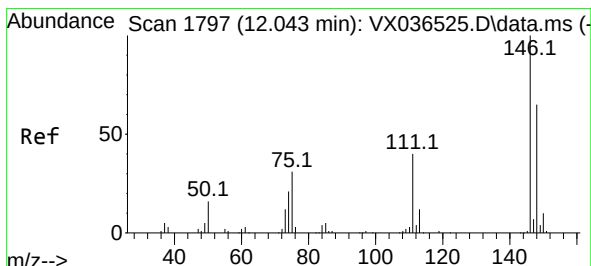
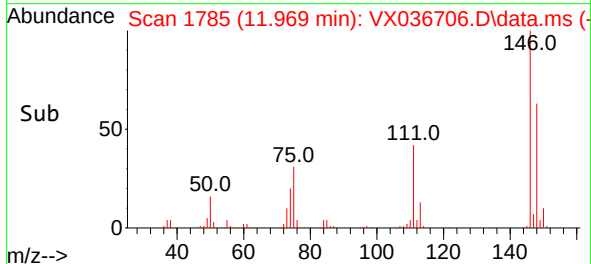
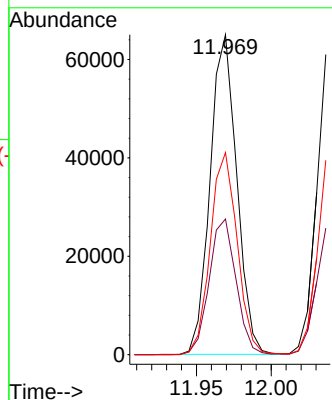
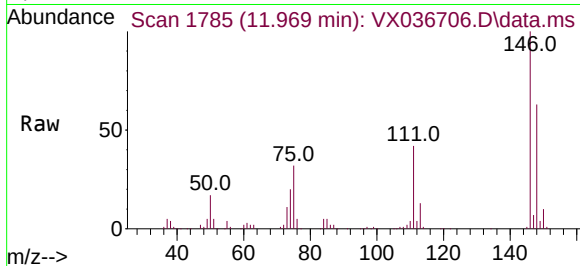




#83
1,3-Dichlorobenzene
Concen: 19.652 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

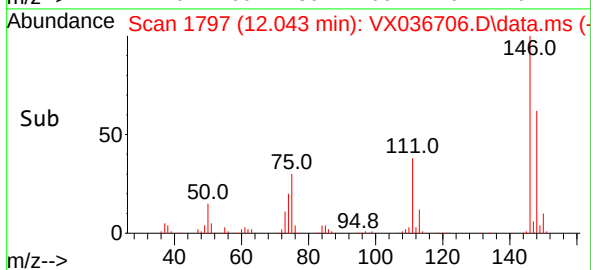
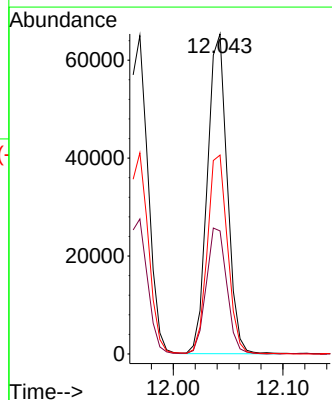
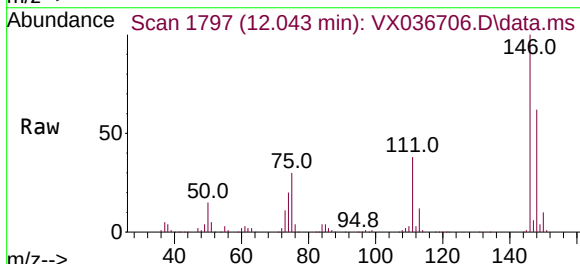
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

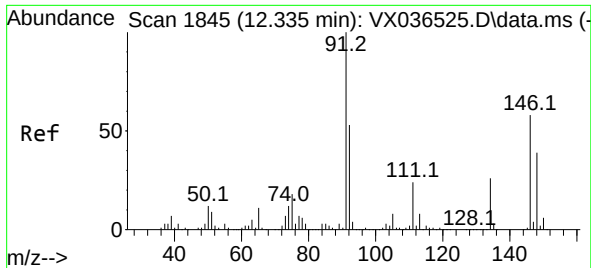
Tgt Ion:146 Resp: 80676
Ion Ratio Lower Upper
146 100
111 43.0 20.4 61.2
148 63.8 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 20.102 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion:146 Resp: 82235
Ion Ratio Lower Upper
146 100
111 40.7 20.2 60.6
148 63.3 32.1 96.3

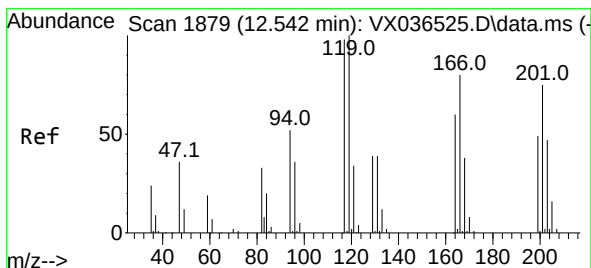
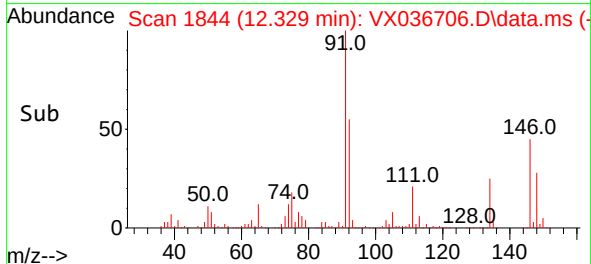
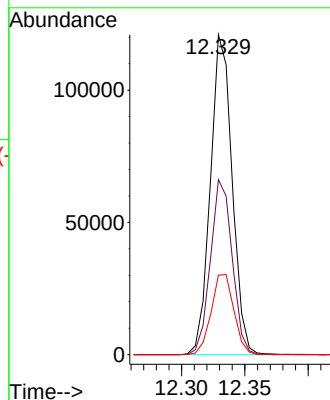
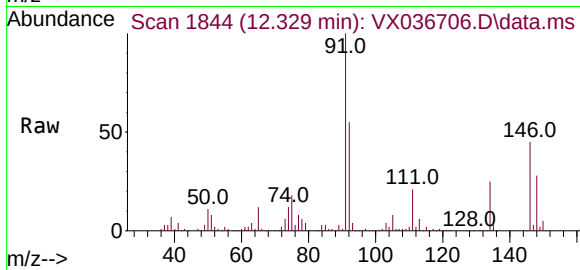




#85
n-Butylbenzene
Concen: 20.834 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

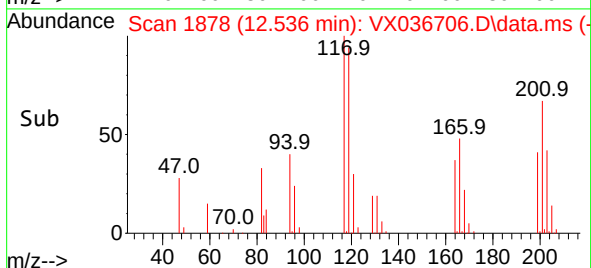
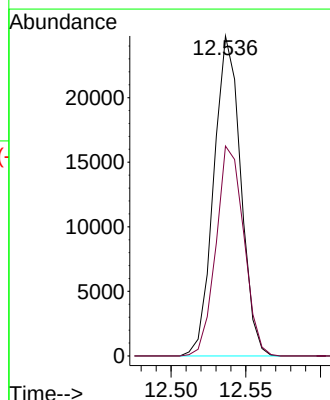
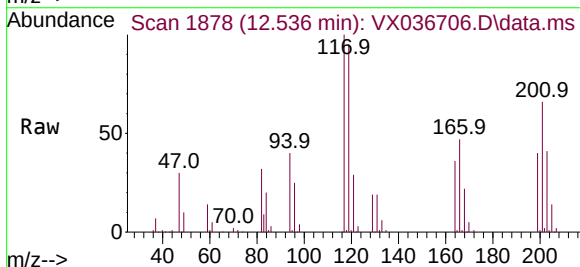
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

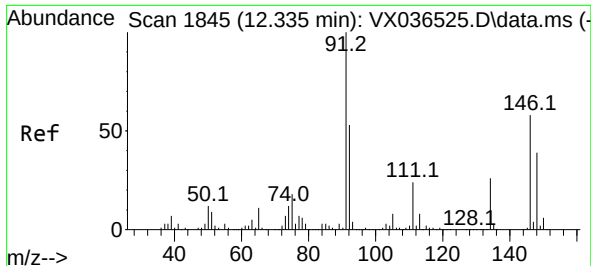
Tgt Ion: 91 Resp: 144623
Ion Ratio Lower Upper
91 100
92 54.8 0.0 105.2
134 26.0 0.0 51.4



#86
Hexachloroethane
Concen: 24.617 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion: 117 Resp: 31080
Ion Ratio Lower Upper
117 100
201 67.6 36.0 108.0

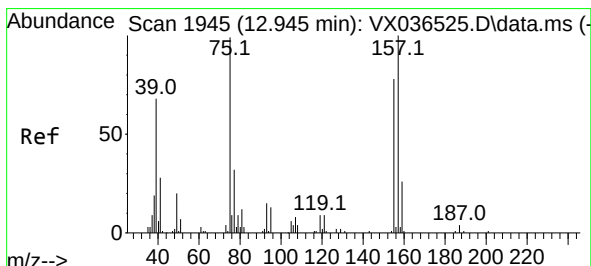
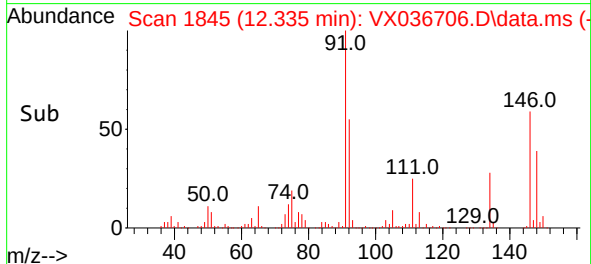
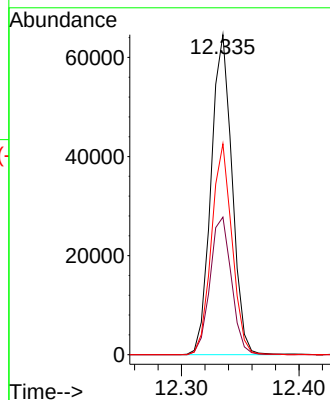
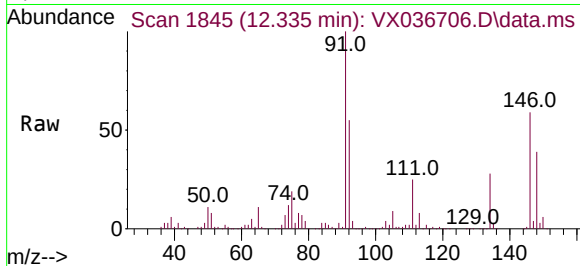




#87
 1,2-Dichlorobenzene
 Concen: 19.474 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

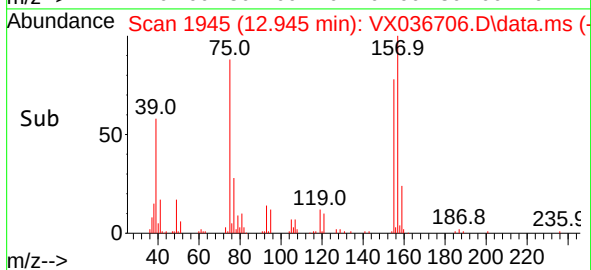
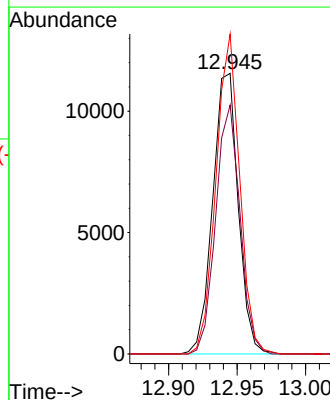
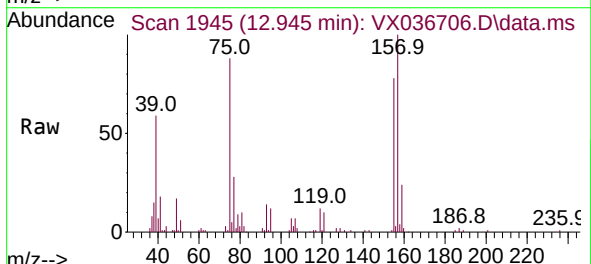
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

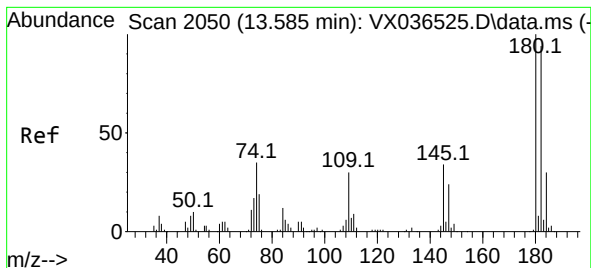
Tgt Ion:146 Resp: 80189
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.4 64.3
 148 64.5 33.2 99.6



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.424 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX036706.D
 Acq: 28 Jul 2023 16:08

Tgt Ion: 75 Resp: 14966
 Ion Ratio Lower Upper
 75 100
 155 84.4 62.7 94.1
 157 105.9 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 19.308 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

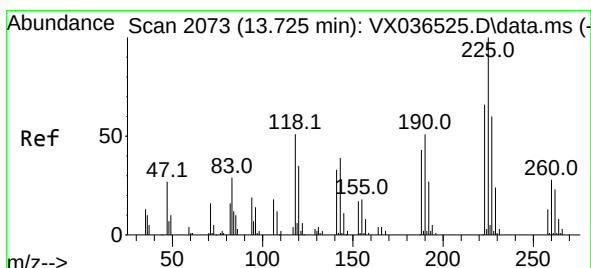
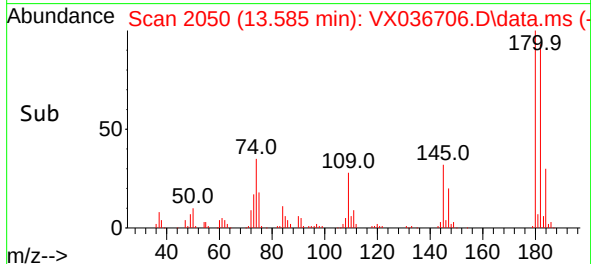
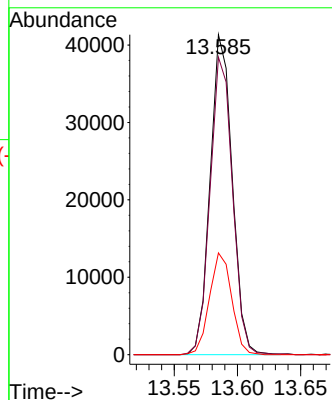
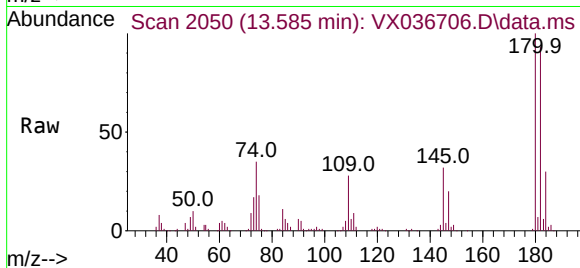
Tgt Ion:180 Resp: 50136

Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

145 32.1 25.4 38.2



#90

Hexachlorobutadiene

Concen: 21.401 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036706.D

Acq: 28 Jul 2023 16:08

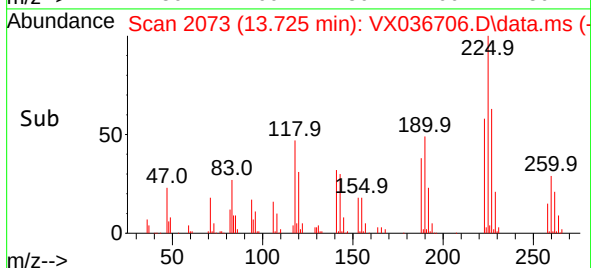
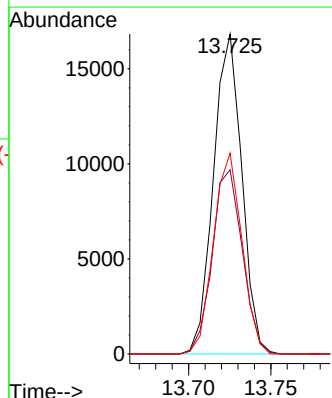
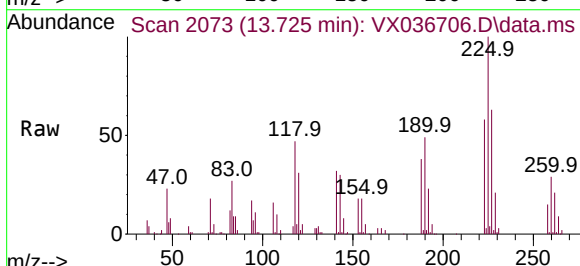
Tgt Ion:225 Resp: 20185

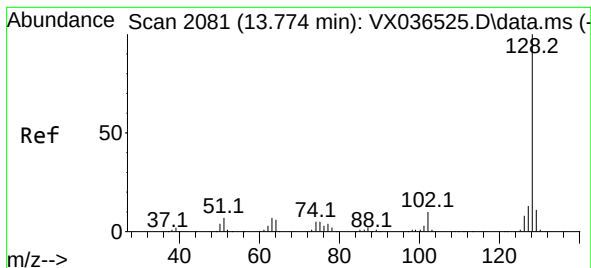
Ion Ratio Lower Upper

225 100

223 61.1 0.0 124.2

227 63.3 0.0 120.4

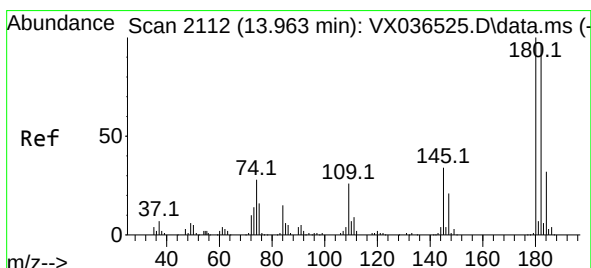
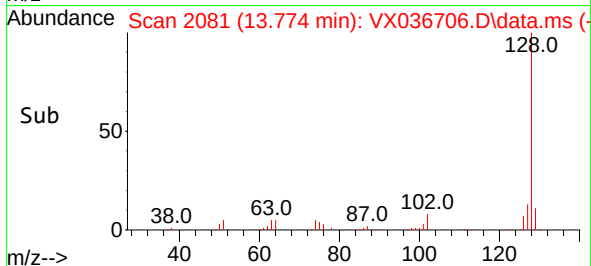
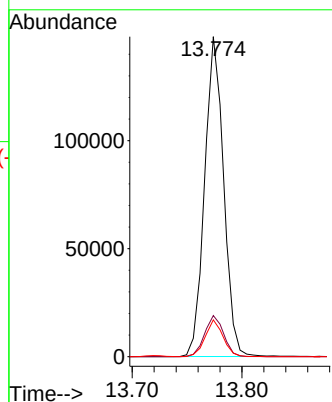
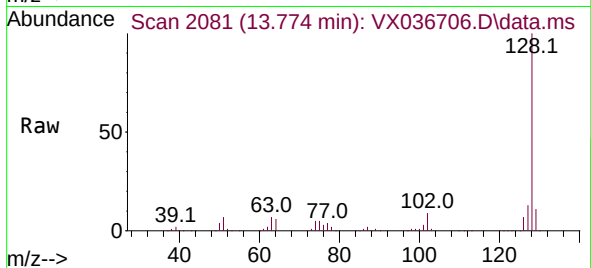




#91
Naphthalene
Concen: 19.569 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 178306
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 19.079 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036706.D
Acq: 28 Jul 2023 16:08

Tgt Ion:180 Resp: 50007
Ion Ratio Lower Upper
180 100
182 92.5 0.0 190.6
145 34.3 0.0 66.8

