

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033101.D
 Acq On : 28 Nov 2022 20:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 29 03:46:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	11023	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	75870	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83521	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	31853	29.953	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.833%
60) 4-Bromofluorobenzene	11.079	95	46105	28.858	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.200%
63) Toluene-d8	8.647	98	83093	29.480	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.267%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19208	19.689	ug/l	96
3) Chloromethane	1.294	50	20057	20.718	ug/l	96
4) Vinyl Chloride	1.374	62	22599	20.645	ug/l	99
5) Bromomethane	1.617	94	14309	14.724	ug/l	99
6) Chloroethane	1.691	64	16650	19.257	ug/l	94
7) Trichlorofluoromethane	1.892	101	46279	21.932	ug/l	99
8) Diethyl Ether	2.130	74	14949	21.911	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	23538	20.970	ug/l	96
10) 1,1-Dichloroethene	2.325	96	22312	20.807	ug/l	93
11) Methyl Iodide	2.453	142	22305	19.348	ug/l	97
12) Methyl Acetate	2.709	43	33153	20.871	ug/l #	88
13) Acrolein	2.239	56	22180	104.710	ug/l	99
14) Acrylonitrile	3.068	53	57799	101.502	ug/l	98
15) Acetone	2.398	58	15546	104.989	ug/l #	68
16) Carbon Disulfide	2.514	76	57098	21.390	ug/l	99
17) Allyl chloride	2.666	41	35529	20.852	ug/l	90
18) Methylene Chloride	2.788	84	25076	20.277	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	23880	20.216	ug/l #	77
20) Diisopropyl ether	3.757	45	78173	20.461	ug/l #	96
21) 1,1-Dichloroethane	3.611	63	45046	21.003	ug/l	94
22) cis-1,2-Dichloroethene	4.489	96	28456	20.632	ug/l	87
23) tert-Butyl Alcohol	3.014	59	10649	57.596	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	79188	20.623	ug/l	93
25) Chloroform	5.092	83	49817	20.825	ug/l	97
26) Cyclohexane	5.470	56	38234	20.413	ug/l #	83
29) 1,1-Dichloropropene	5.690	75	34626	20.578	ug/l	96
30) 2-Butanone	4.568	43	81637	104.051	ug/l	92
31) 2,2-Dichloropropane	4.483	77	34518	23.986	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	46089	21.775	ug/l	94
33) Carbon Tetrachloride	5.678	117	39742	21.385	ug/l	94
34) Benzene	6.043	78	98560	20.789	ug/l	96
35) Methacrylonitrile	4.922	41	17939	20.188	ug/l	93
36) 1,2-Dichloroethane	6.092	62	41286	21.153	ug/l #	92
37) Trichloroethene	7.129	130	27323	20.600	ug/l	97
38) Methylcyclohexane	7.379	83	38307	20.319	ug/l	88
39) 1,2-Dichloropropane	7.427	63	24524	20.435	ug/l	94
40) Dibromomethane	7.580	93	19447	21.224	ug/l	97
41) Bromodichloromethane	7.824	83	38179	21.861	ug/l	99
42) Vinyl Acetate	3.721	43	313085	103.851	ug/l #	91

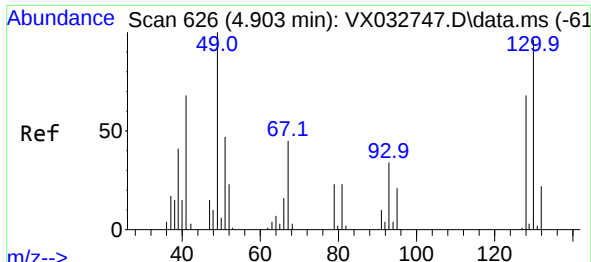
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	33160	21.010	ug/l #	89
44) Isopropyl Acetate	6.342	43	53082	20.069	ug/l	95
45) 1,4-Dioxane	7.714	88	12176	479.273	ug/l #	80
46) Methyl methacrylate	7.696	41	26906	20.207	ug/l	88
47) n-amyl Acetate	10.841	43	44331	18.854	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	37929	21.170	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	41167	21.760	ug/l #	89
50) 1,1,2-Trichloroethane	9.153	97	26215	20.809	ug/l	96
51) Ethyl methacrylate	9.116	69	37718	20.047	ug/l	79
52) 1,3-Dichloropropane	9.311	76	42793	20.777	ug/l	99
53) Dibromochloromethane	9.518	129	30004	21.900	ug/l	99
54) 1,2-Dibromoethane	9.610	107	28559	21.046	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	87292	96.006	ug/l	94
56) Bromoform	10.799	173	22091	22.521	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	166685	101.949	ug/l #	92
59) 2-Hexanone	9.433	43	125321	104.105	ug/l	90
61) Tetrachloroethene	9.275	164	23756	20.352	ug/l	95
62) Toluene	8.720	91	111094	20.453	ug/l	98
64) Chlorobenzene	10.079	112	67991	20.247	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	27484	21.485	ug/l	99
66) Ethyl Benzene	10.195	91	123674	20.296	ug/l	98
67) m/p-Xylenes	10.299	106	97498	41.122	ug/l	92
68) o-Xylene	10.640	106	46827	20.128	ug/l	89
69) Styrene	10.659	104	77466	20.029	ug/l	94
70) Isopropylbenzene	10.963	105	125105	20.138	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	39400	20.913	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	41121	25.131	ug/l	93
73) Bromobenzene	11.201	156	30700	20.342	ug/l	89
74) n-propylbenzene	11.305	91	142860	20.239	ug/l	94
75) 2-Chlorotoluene	11.366	91	86420	20.222	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	106324	20.245	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	10375	20.779	ug/l	88
78) 4-Chlorotoluene	11.457	91	100614	20.438	ug/l	92
79) tert-butylbenzene	11.713	119	103282	20.237	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	104450	20.341	ug/l	94
81) sec-Butylbenzene	11.890	105	124841	20.318	ug/l	95
82) p-Isopropyltoluene	12.012	119	105553	20.384	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	56896	20.549	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	57020	20.507	ug/l	99
85) n-Butylbenzene	12.335	91	88188	20.093	ug/l	94
86) Hexachloroethane	12.542	117	18708	22.007	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	56451	20.509	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	9228	23.087	ug/l #	76
89) 1,2,4-Trichlorobenzene	13.591	180	33450	19.788	ug/l	99
90) Hexachlorobutadiene	13.725	225	14440	21.223	ug/l	100
91) Naphthalene	13.774	128	115549	20.252	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	33785	19.871	ug/l	97

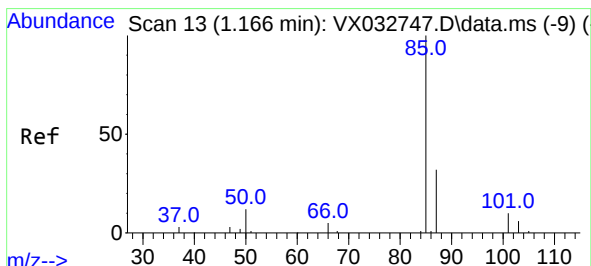
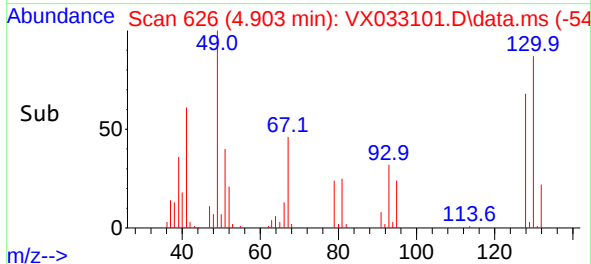
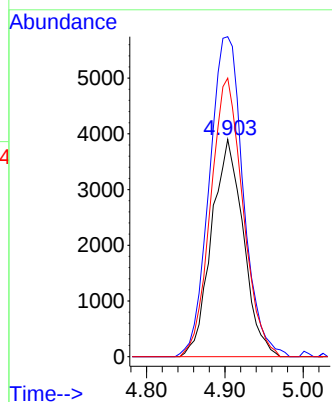
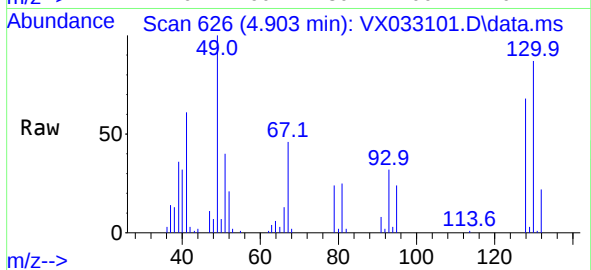
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

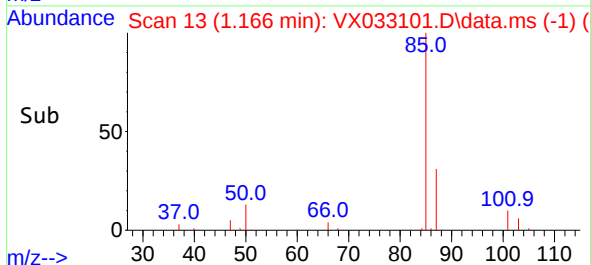
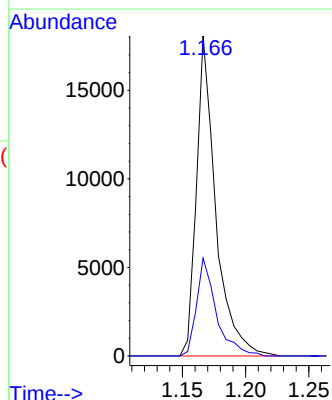
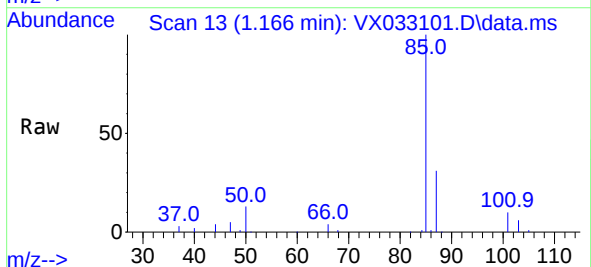
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 11023
Ion Ratio Lower Upper
128 100
49 156.8 0.0 293.0
130 130.1 0.0 321.5

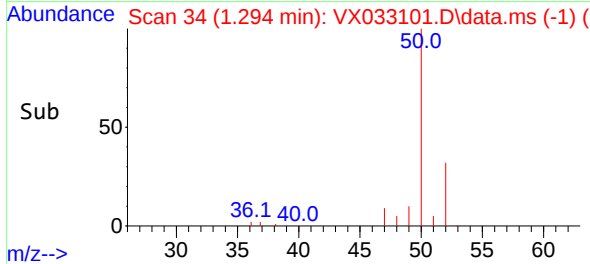
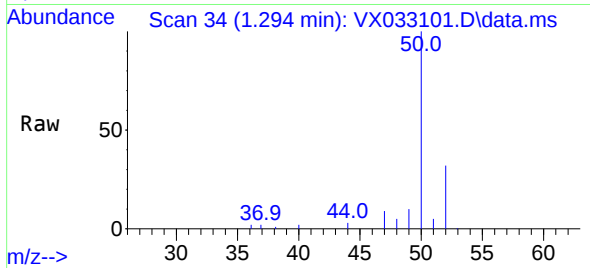
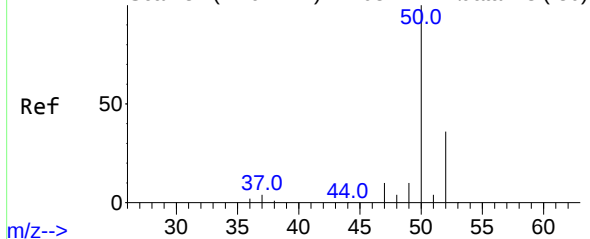


#2
Dichlorodifluoromethane
Concen: 19.689 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 85 Resp: 19208
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5



Abundance Scan 34 (1.294 min): VX032747.D\data.ms (-30)



#3

Chloromethane

Concen: 20.718 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

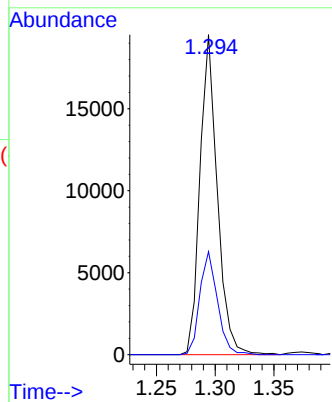
VSTDCCC020EC

Tgt Ion: 50 Resp: 20057

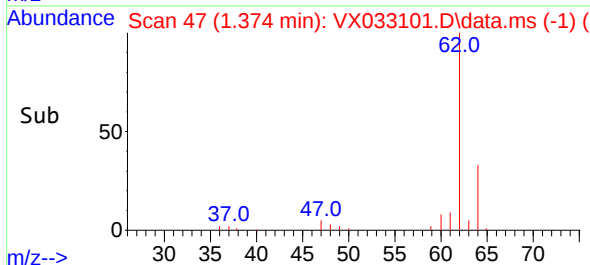
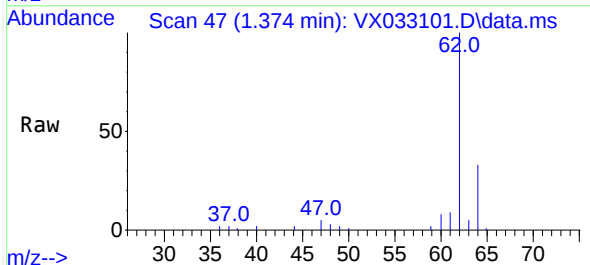
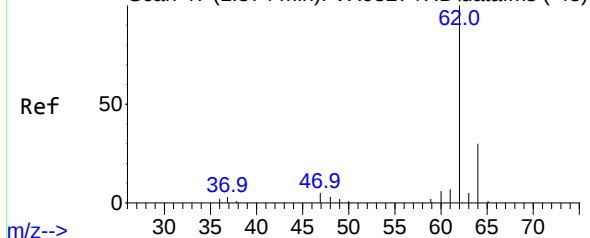
Ion Ratio Lower Upper

50 100

52 32.2 27.6 41.4



Abundance Scan 47 (1.374 min): VX032747.D\data.ms (-43)



#4

Vinyl Chloride

Concen: 20.645 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX033101.D

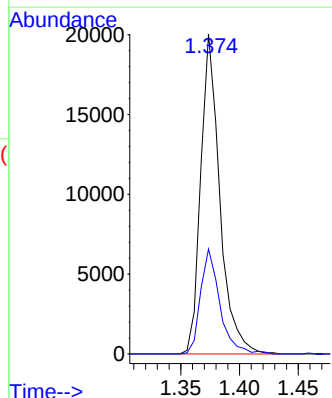
Acq: 28 Nov 2022 20:05

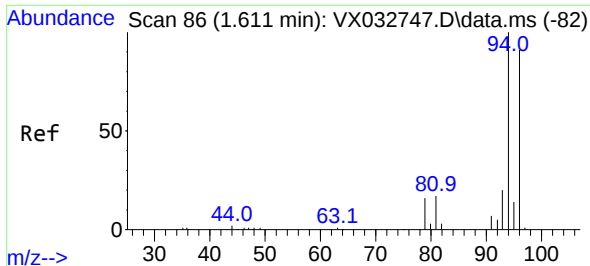
Tgt Ion: 62 Resp: 22599

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5

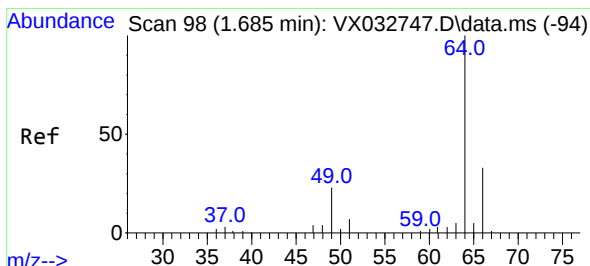
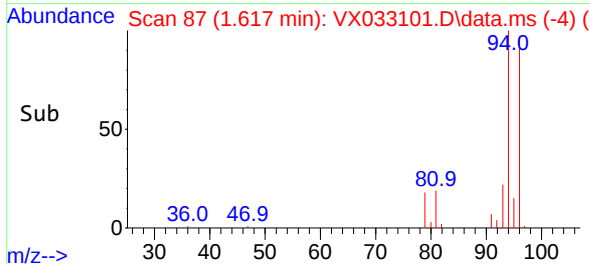
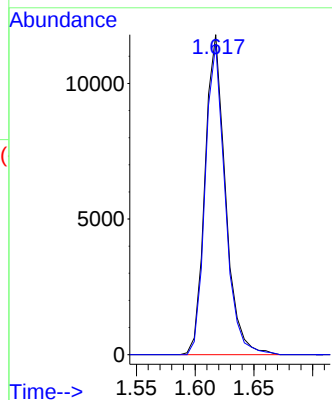
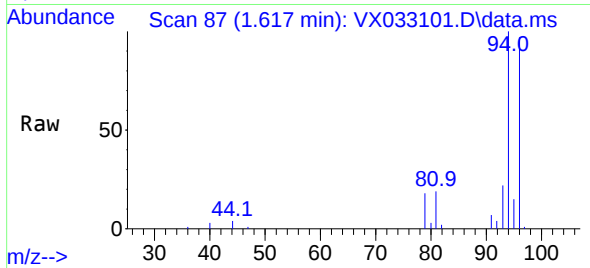




#5
Bromomethane
Concen: 14.724 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

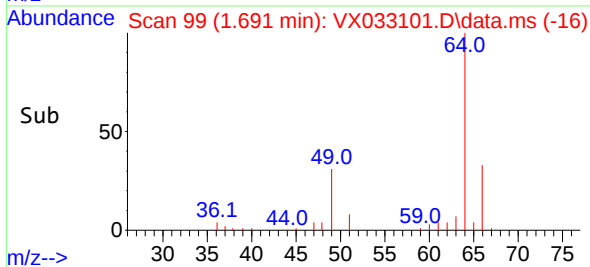
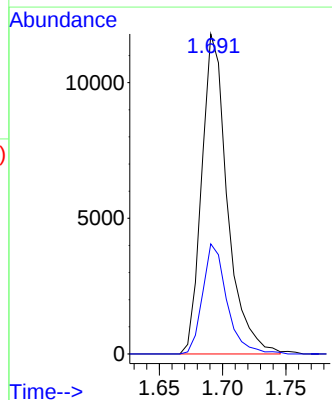
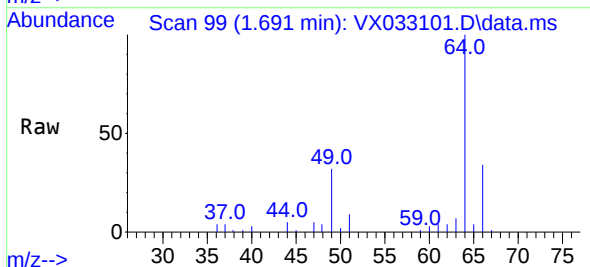
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 14309
Ion Ratio Lower Upper
94 100
96 97.0 76.8 115.2

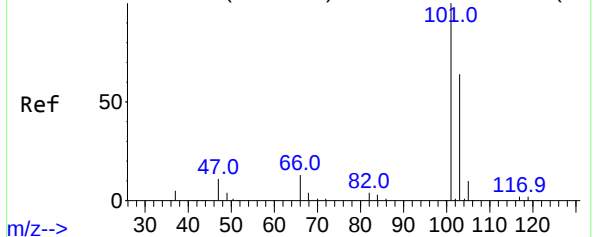


#6
Chloroethane
Concen: 19.257 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 64 Resp: 16650
Ion Ratio Lower Upper
64 100
66 34.4 30.6 46.0



Abundance Scan 131 (1.886 min): VX032747.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 21.932 ug/l

RT: 1.892 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

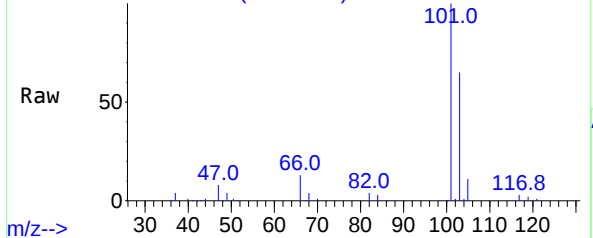
Tgt Ion:101 Resp: 46279

Ion Ratio Lower Upper

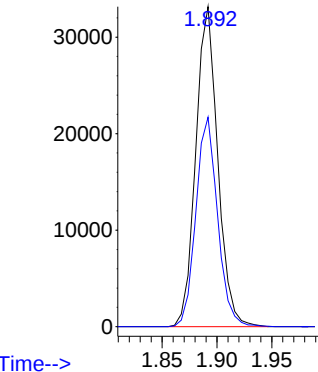
101 100

103 65.4 51.7 77.5

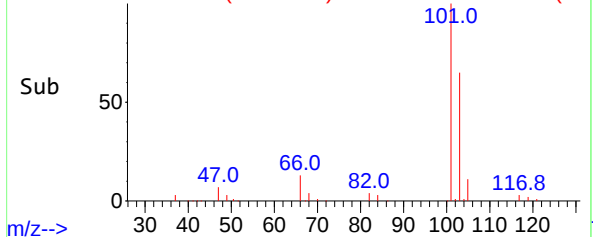
Abundance Scan 132 (1.892 min): VX033101.D\data.ms



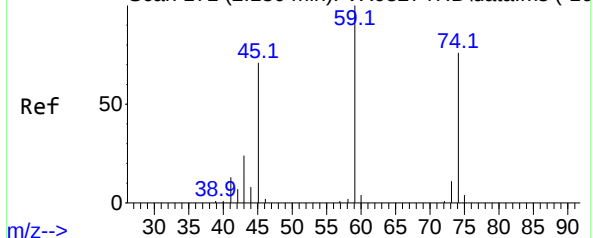
Abundance



Abundance Scan 132 (1.892 min): VX033101.D\data.ms (-49



Abundance Scan 171 (2.130 min): VX032747.D\data.ms (-16



#8

Diethyl Ether

Concen: 21.911 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

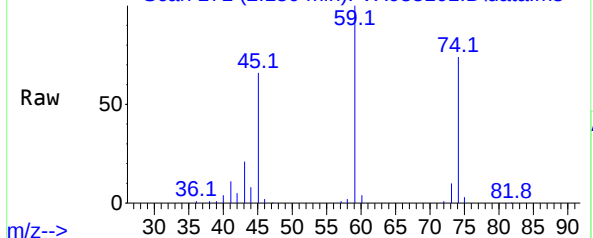
Tgt Ion: 74 Resp: 14949

Ion Ratio Lower Upper

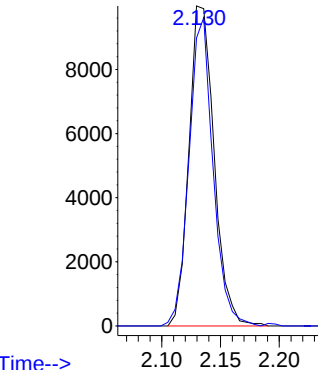
74 100

45 91.6 14.2 127.8

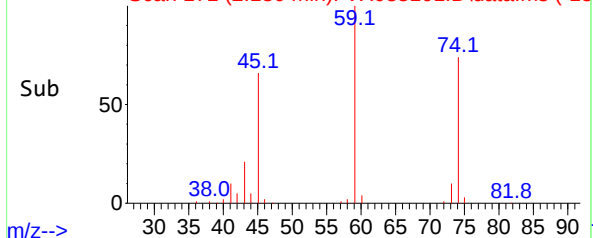
Abundance Scan 171 (2.130 min): VX033101.D\data.ms

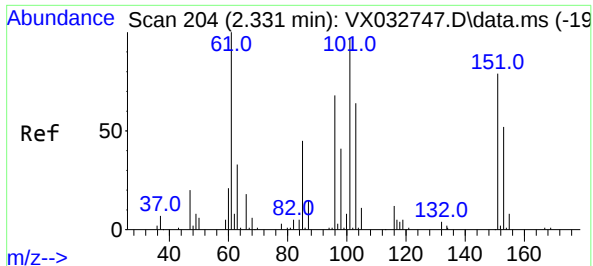


Abundance



Abundance Scan 171 (2.130 min): VX033101.D\data.ms (-13

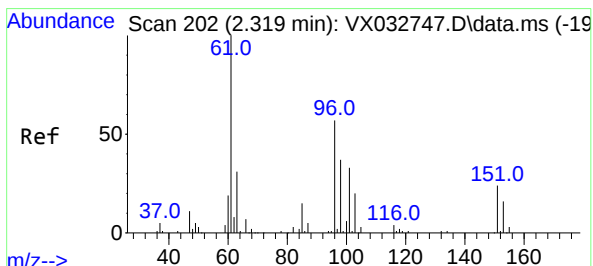
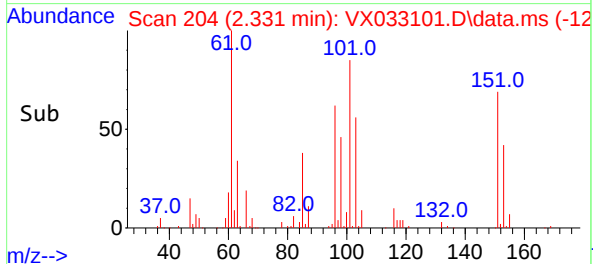
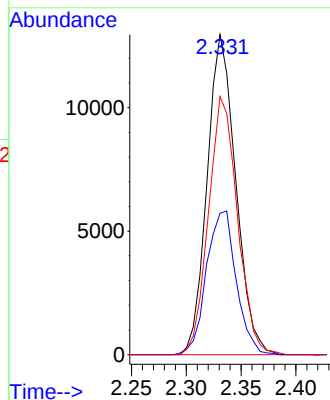
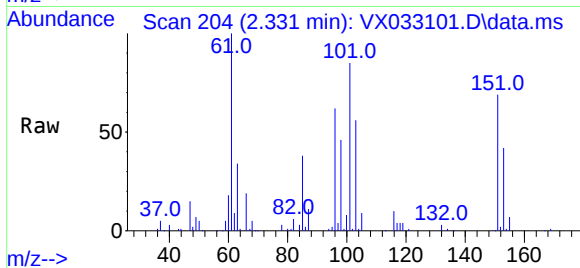




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.970 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

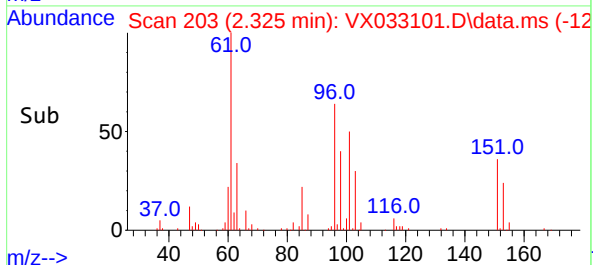
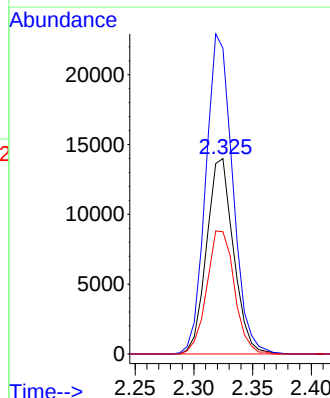
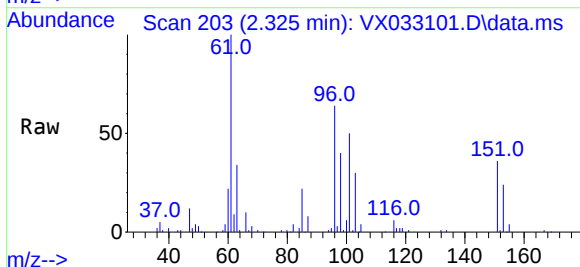
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MSVOA_X
ClientSampleId :
VSTDCCC020EC

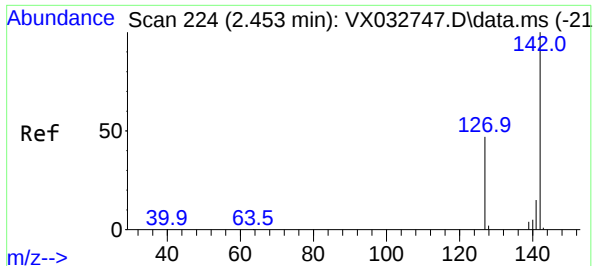
Tgt Ion:101 Resp: 23538
Ion Ratio Lower Upper
101 100
85 46.7 0.0 88.8
151 81.8 0.0 156.6



#10
1,1-Dichloroethene
Concen: 20.807 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

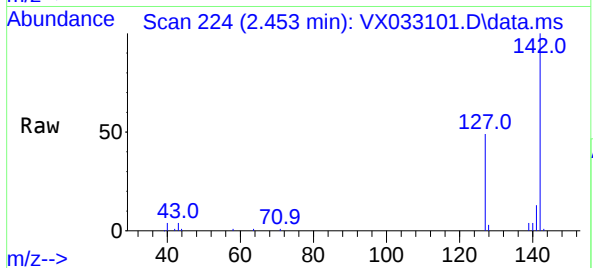
Tgt Ion: 96 Resp: 22312
Ion Ratio Lower Upper
96 100
61 156.0 115.8 173.6
98 62.6 49.7 74.5



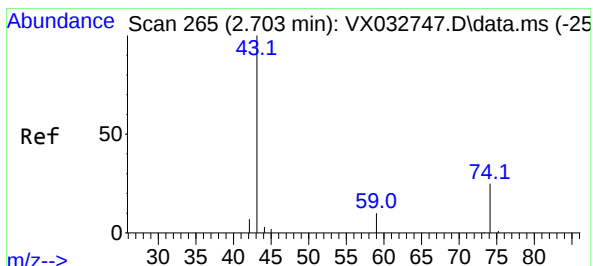
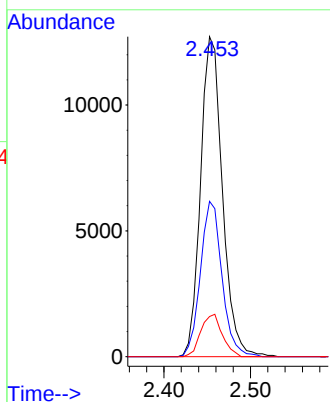
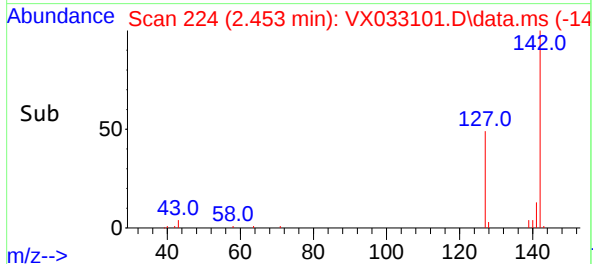


#11
Methyl Iodide
Concen: 19.348 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

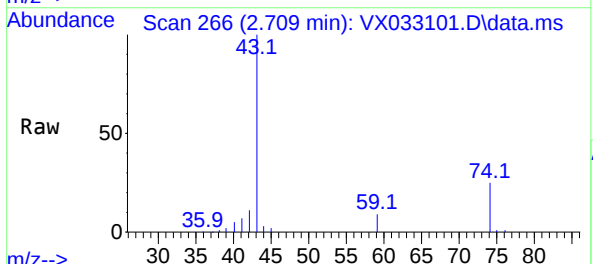
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



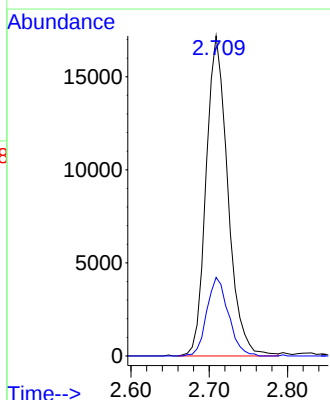
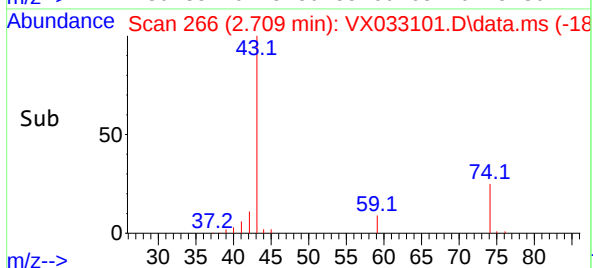
Tgt Ion:142 Resp: 22305
Ion Ratio Lower Upper
142 100
127 48.6 23.8 71.2
141 12.6 7.6 22.8



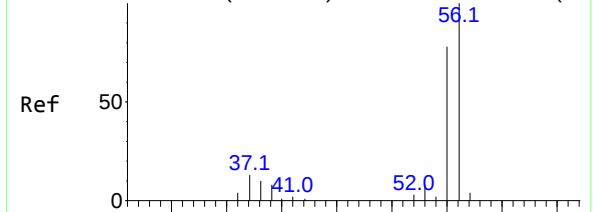
#12
Methyl Acetate
Concen: 20.871 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05



Tgt Ion: 43 Resp: 33153
Ion Ratio Lower Upper
43 100
74 24.7 24.8 37.2#

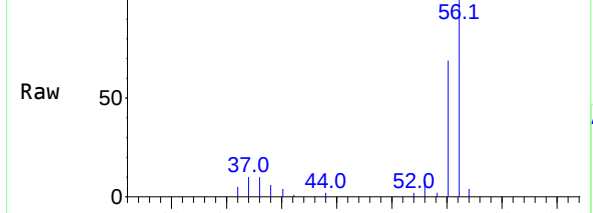


Abundance Scan 189 (2.239 min): VX032747.D\data.ms (-18



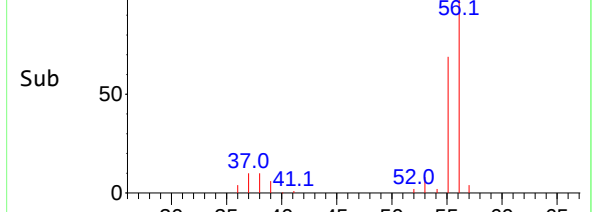
m/z-->

Abundance Scan 189 (2.239 min): VX033101.D\data.ms



m/z-->

Abundance Scan 189 (2.239 min): VX033101.D\data.ms (-10



m/z-->

#13

Acrolein

Concen: 104.710 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

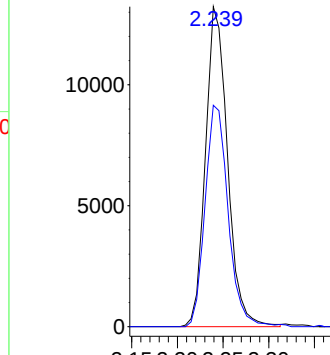
Tgt Ion: 56 Resp: 22180

Ion Ratio Lower Upper

56 100

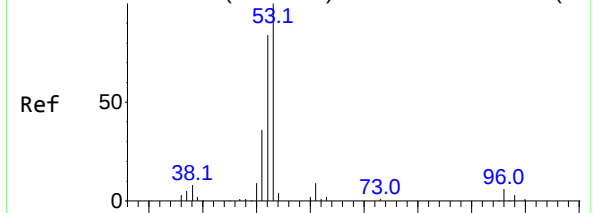
55 72.5 58.4 87.6

Abundance



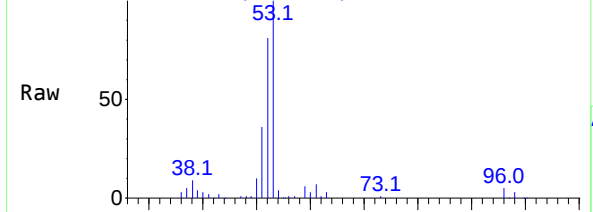
Time-->

Abundance Scan 325 (3.068 min): VX032747.D\data.ms (-31



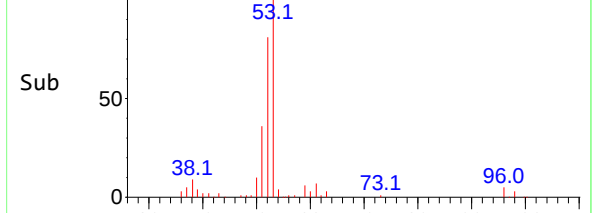
m/z-->

Abundance Scan 325 (3.068 min): VX033101.D\data.ms



m/z-->

Abundance Scan 325 (3.068 min): VX033101.D\data.ms (-24



m/z-->

#14

Acrylonitrile

Concen: 101.502 ug/l

RT: 3.068 min Scan# 325

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Tgt Ion: 53 Resp: 57799

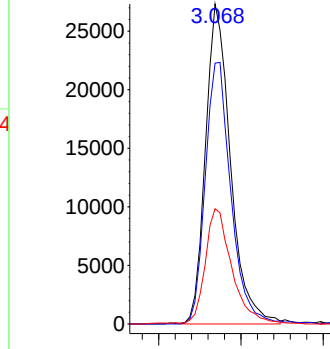
Ion Ratio Lower Upper

53 100

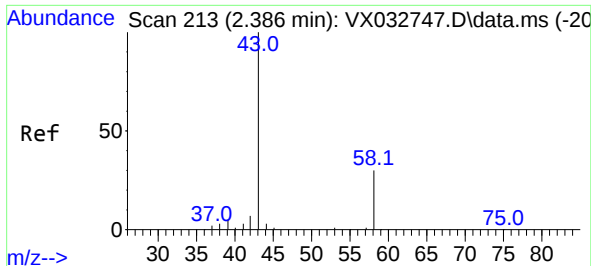
52 83.9 41.5 124.5

51 38.3 18.3 54.9

Abundance



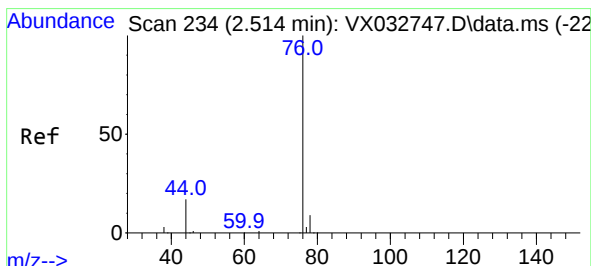
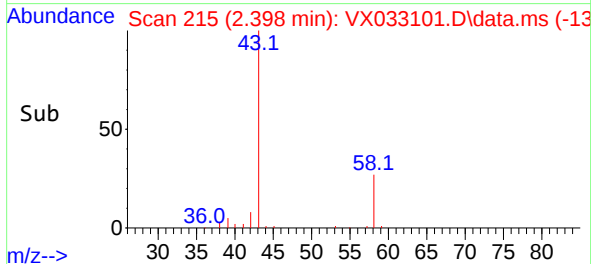
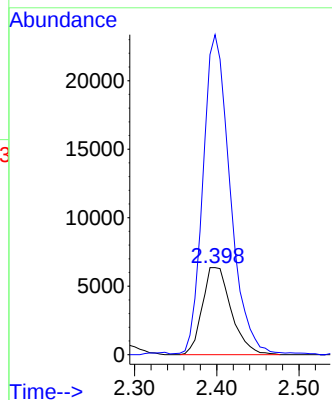
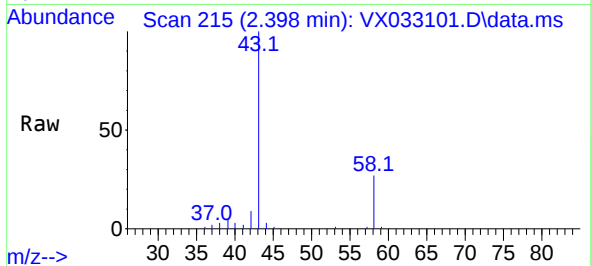
Time-->



#15
Acetone
Concen: 104.989 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

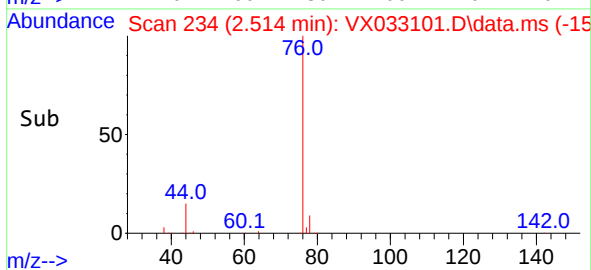
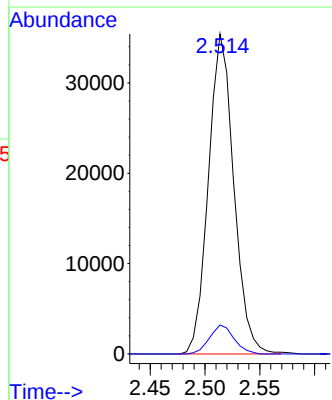
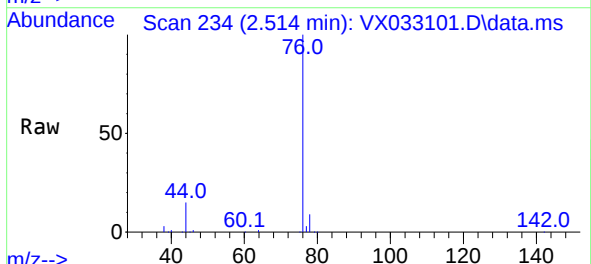
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

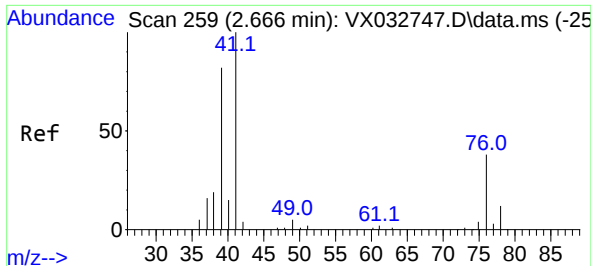
Tgt Ion: 58 Resp: 15546
Ion Ratio Lower Upper
58 100
43 365.8 242.6 364.0#



#16
Carbon Disulfide
Concen: 21.390 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 76 Resp: 57098
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

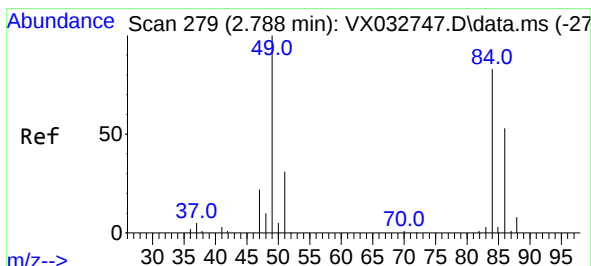
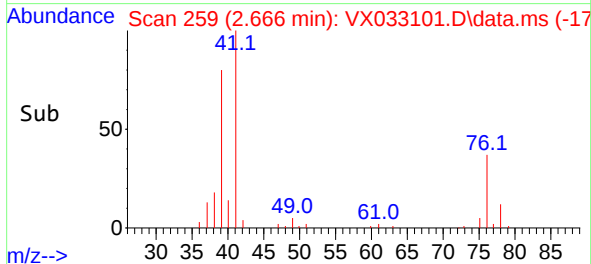
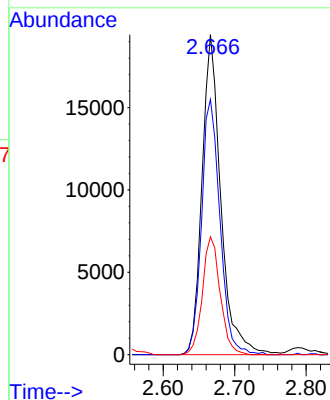
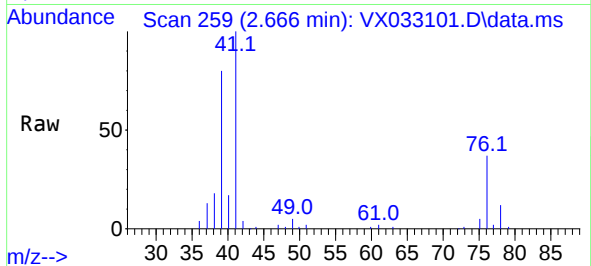




#17
 Allyl chloride
 Concen: 20.852 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX033101.D
 Acq: 28 Nov 2022 20:05

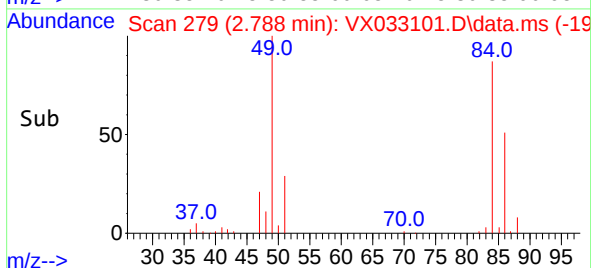
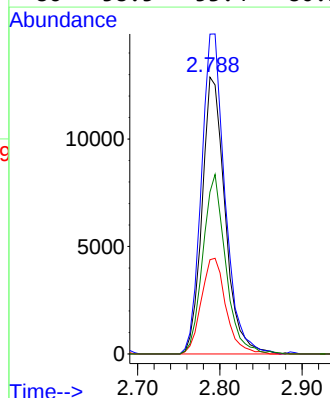
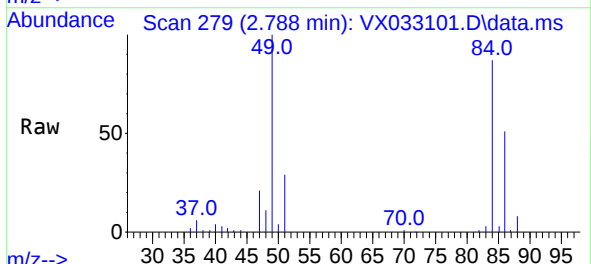
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

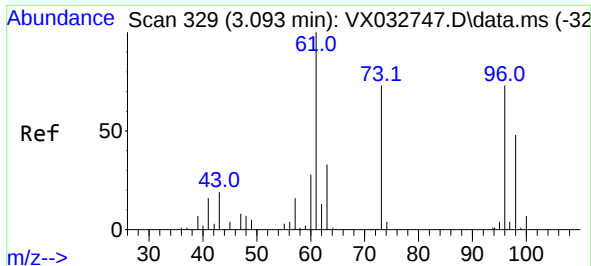
Tgt Ion:	41	Resp:	35529
Ion	Ratio	Lower	Upper
41	100		
39	79.8	37.0	111.0
76	36.9	23.8	71.5



#18
 Methylene Chloride
 Concen: 20.277 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX033101.D
 Acq: 28 Nov 2022 20:05

Tgt Ion:	84	Resp:	25076
Ion	Ratio	Lower	Upper
84	100		
49	115.5	84.6	127.0
51	34.0	26.5	39.7
86	58.5	53.4	80.2

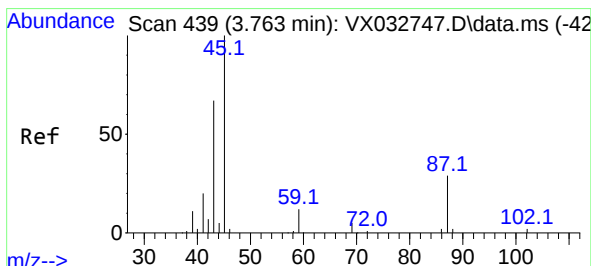
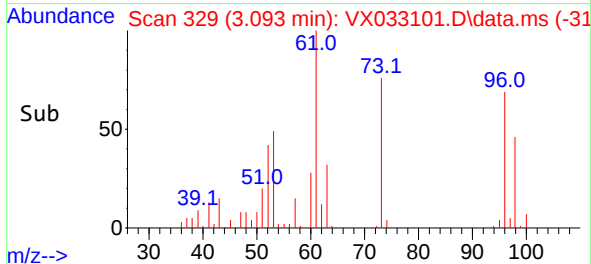
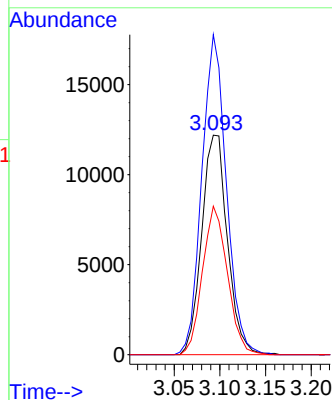
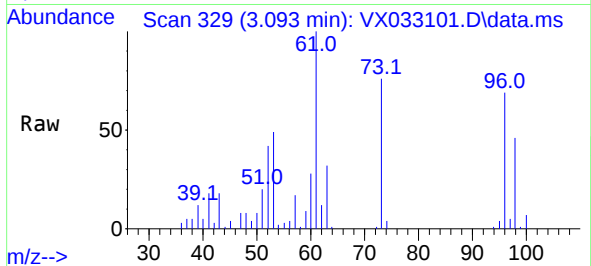




#19
trans-1,2-Dichloroethene
Concen: 20.216 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

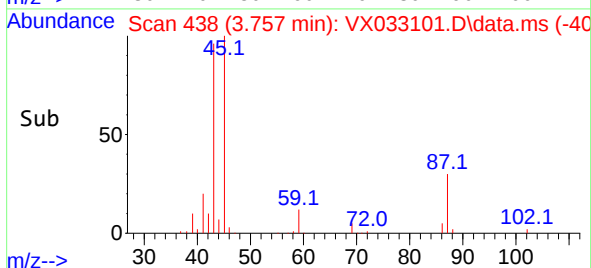
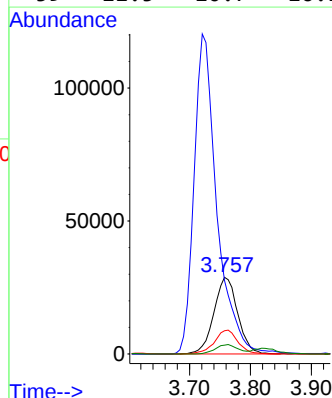
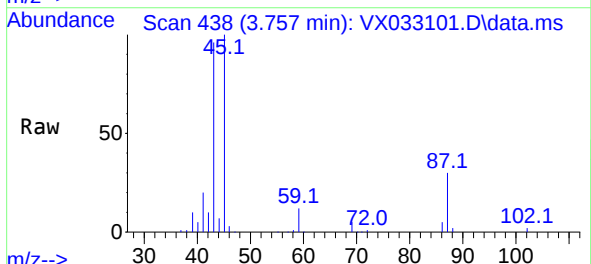
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

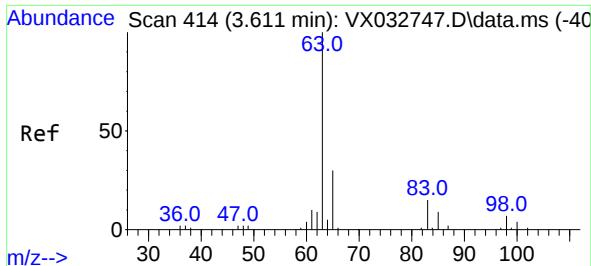
Tgt Ion: 96 Resp: 23880
Ion Ratio Lower Upper
96 100
61 145.8 87.4 131.0#
98 67.6 51.5 77.3



#20
Diisopropyl ether
Concen: 20.461 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 45 Resp: 78173
Ion Ratio Lower Upper
45 100
43 93.8 74.5 111.7
87 30.3 30.4 45.6#
59 11.5 10.7 16.1





#21

1,1-Dichloroethane

Concen: 21.003 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

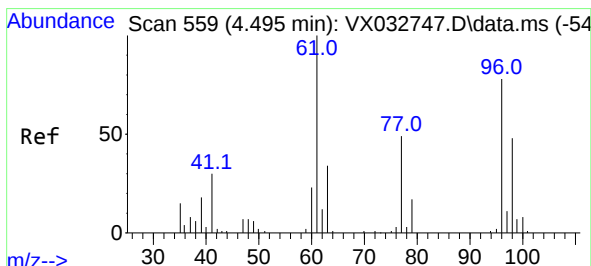
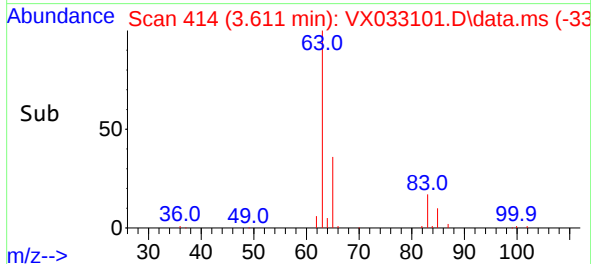
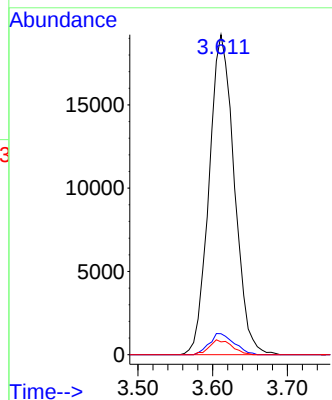
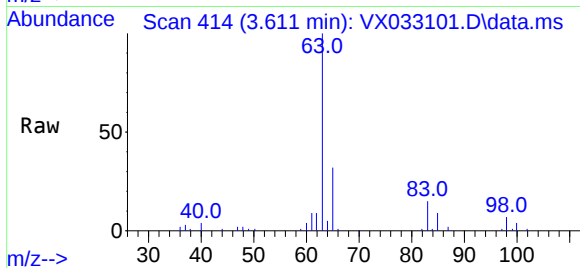
Tgt Ion: 63 Resp: 45046

Ion Ratio Lower Upper

63 100

98 6.6 4.5 13.7

100 4.0 2.8 8.3



#22

cis-1,2-Dichloroethene

Concen: 20.632 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

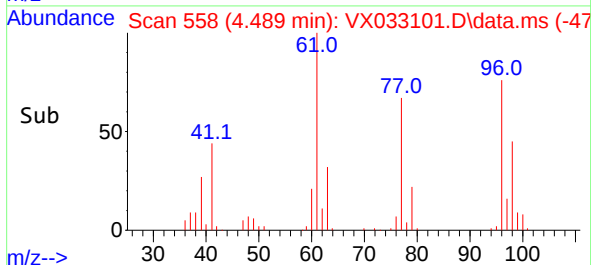
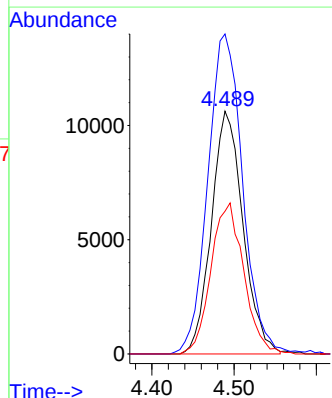
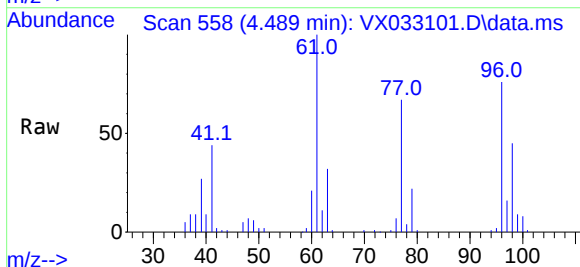
Tgt Ion: 96 Resp: 28456

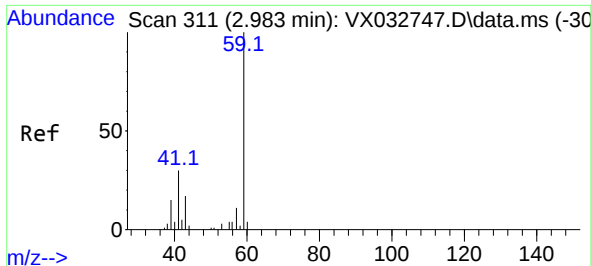
Ion Ratio Lower Upper

96 100

61 144.7 98.0 147.0

98 64.5 52.2 78.4

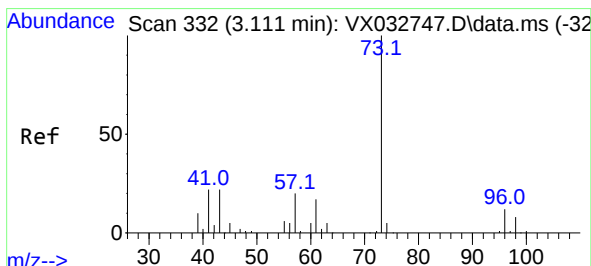
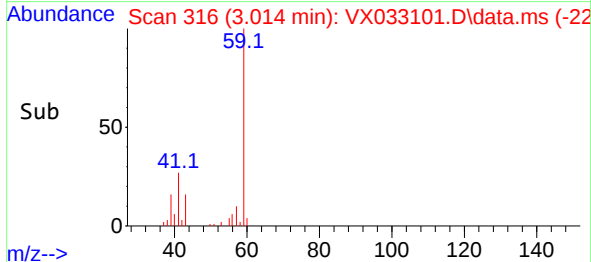
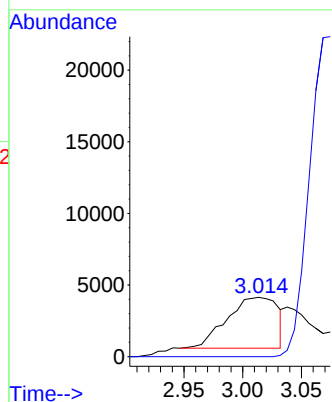
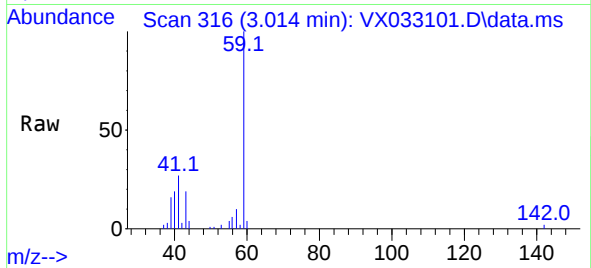




#23
tert-Butyl Alcohol
Concen: 57.596 ug/l
RT: 3.014 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

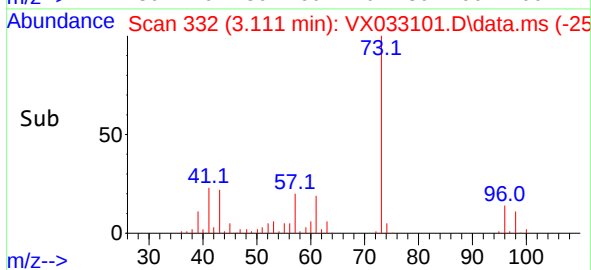
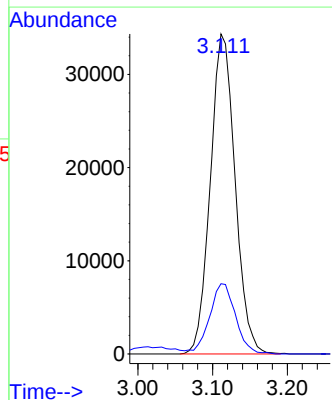
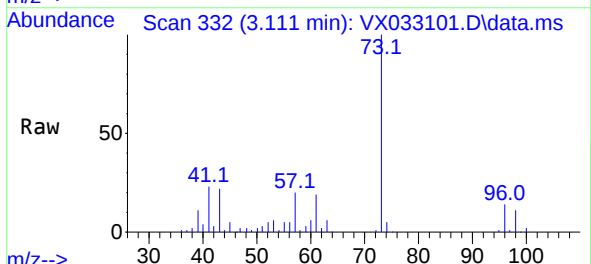
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

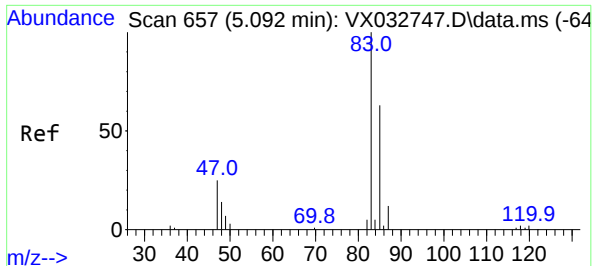
Tgt Ion: 59 Resp: 10649
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.623 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 73 Resp: 79188
Ion Ratio Lower Upper
73 100
43 21.7 14.8 22.2





#25

Chloroform

Concen: 20.825 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

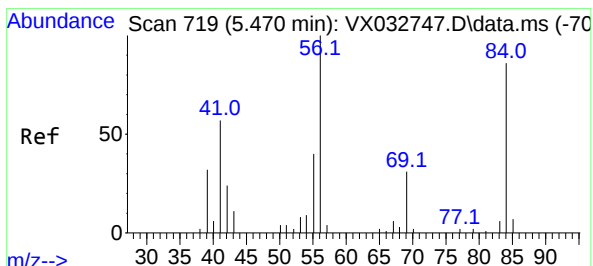
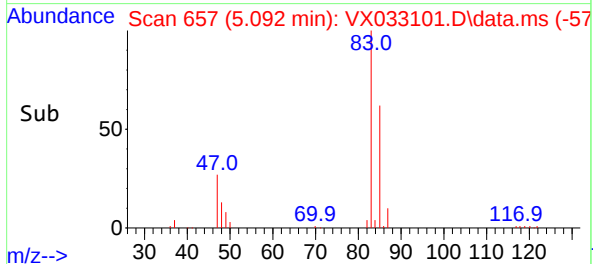
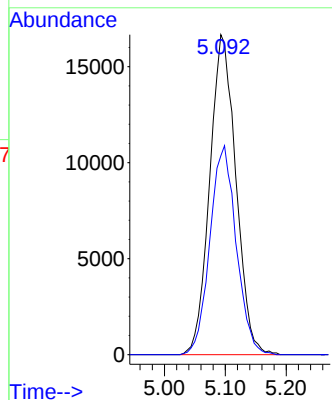
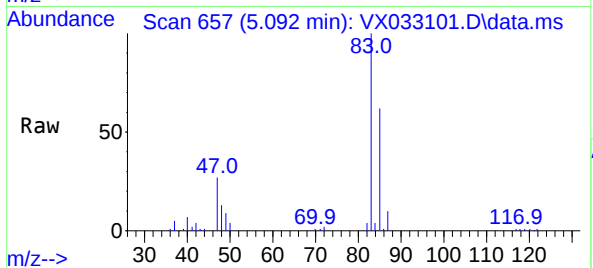
VSTDCCC020EC

Tgt Ion: 83 Resp: 49817

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.0



#26

Cyclohexane

Concen: 20.413 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

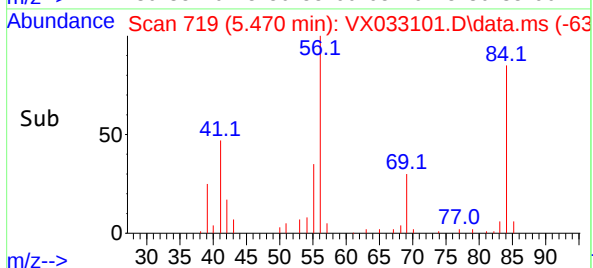
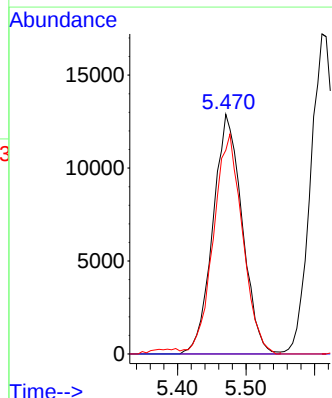
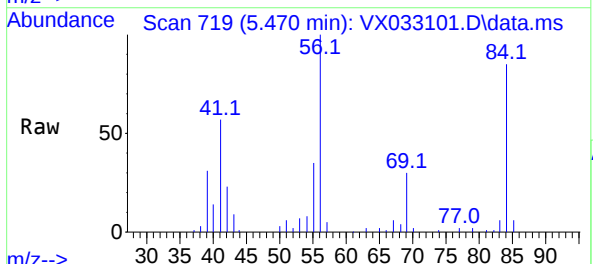
Tgt Ion: 56 Resp: 38234

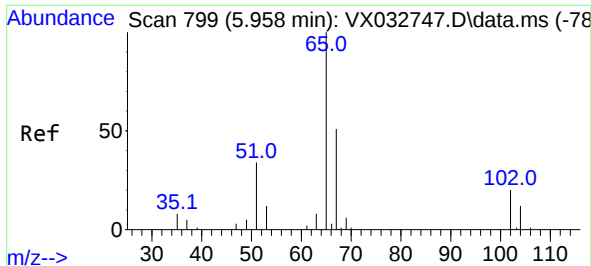
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.8 86.6 130.0

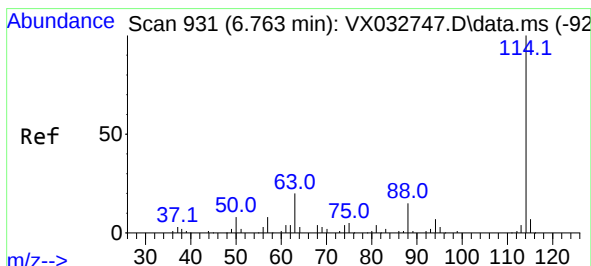
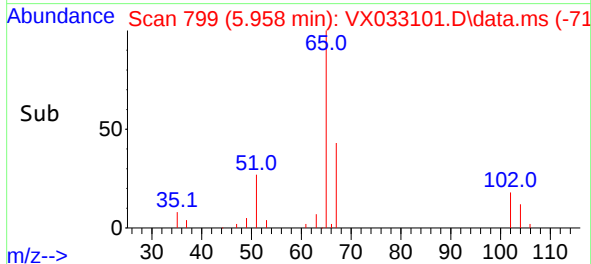
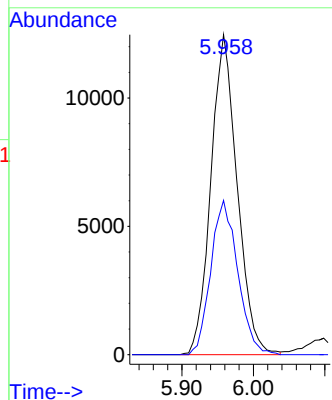
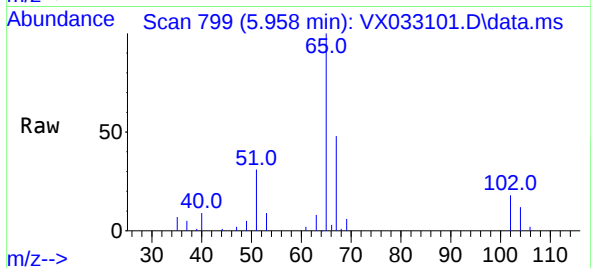




#27
1,2-Dichloroethane-d4
Concen: 29.953 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

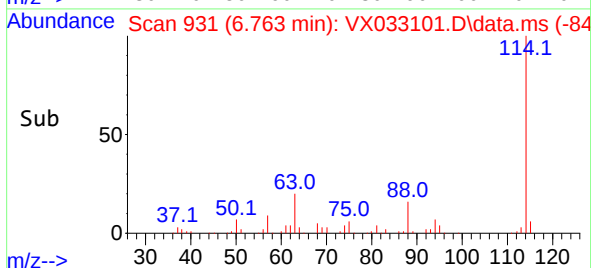
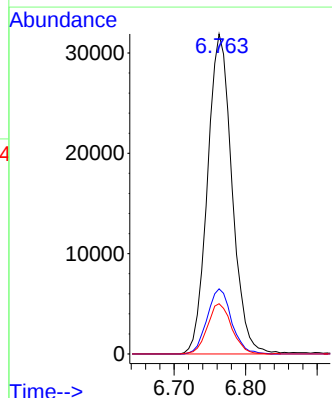
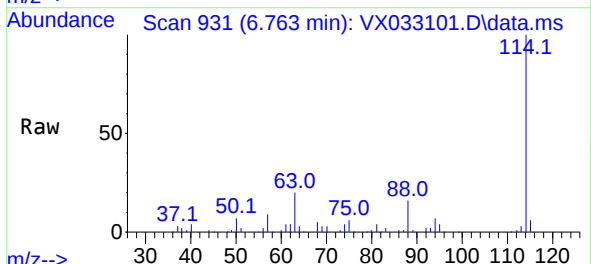
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

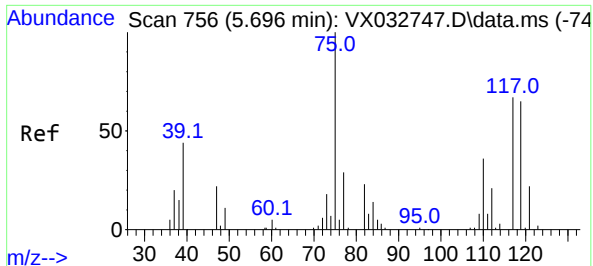
Tgt Ion: 65 Resp: 31853
Ion Ratio Lower Upper
65 100
67 49.5 41.8 62.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 114 Resp: 75870
Ion Ratio Lower Upper
114 100
63 20.2 13.6 20.4
88 15.6 11.8 17.6

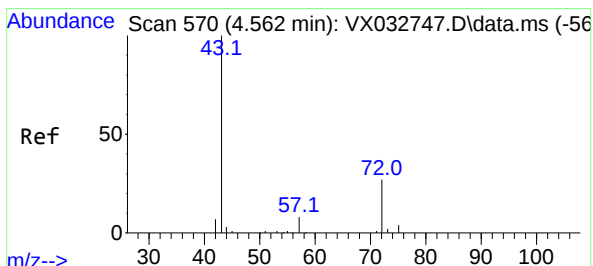
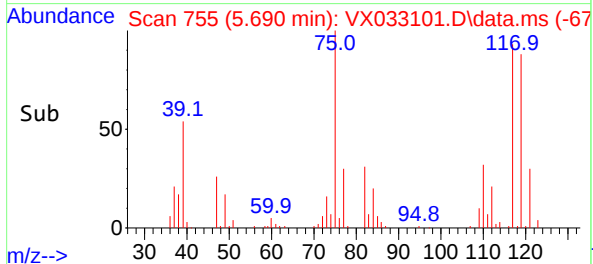
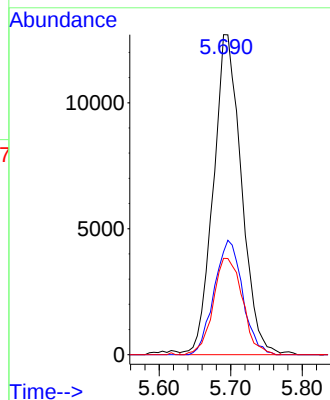
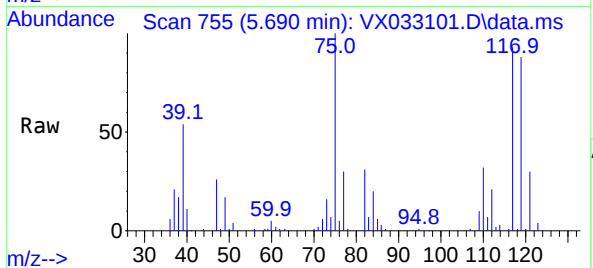




#29
1,1-Dichloropropene
Concen: 20.578 ug/l
RT: 5.690 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

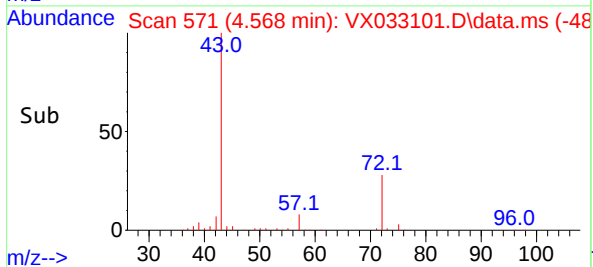
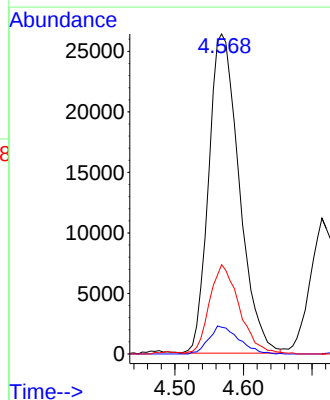
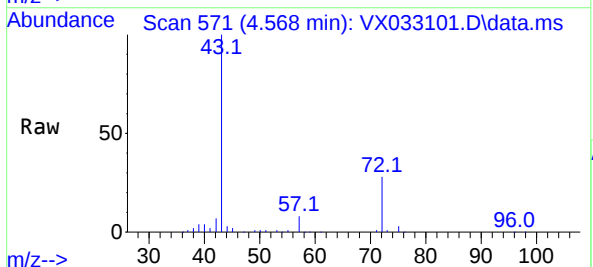
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

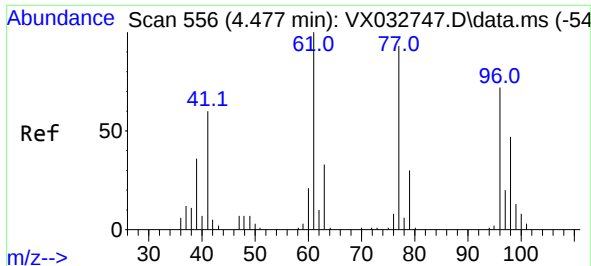
Tgt Ion: 75 Resp: 34626
Ion Ratio Lower Upper
75 100
110 36.2 0.0 80.4
77 31.5 0.0 62.0



#30
2-Butanone
Concen: 104.051 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 43 Resp: 81637
Ion Ratio Lower Upper
43 100
57 8.5 7.5 11.3
72 27.5 26.6 39.8





#31

2,2-Dichloropropane

Concen: 23.986 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

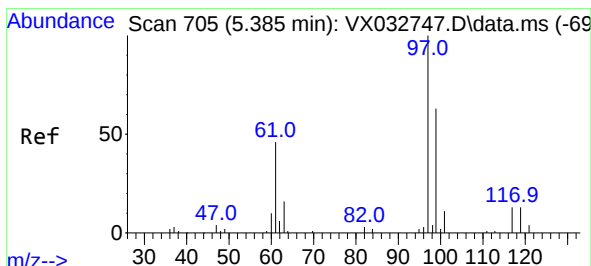
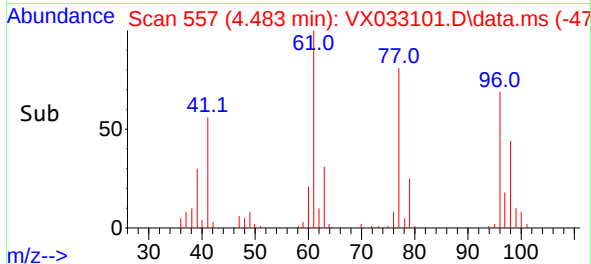
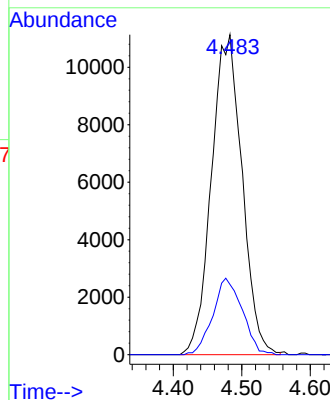
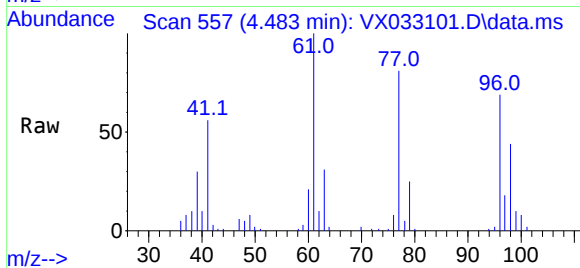
VSTDCCC020EC

Tgt Ion: 77 Resp: 34518

Ion Ratio Lower Upper

77 100

97 23.1 20.0 30.0



#32

1,1,1-Trichloroethane

Concen: 21.775 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

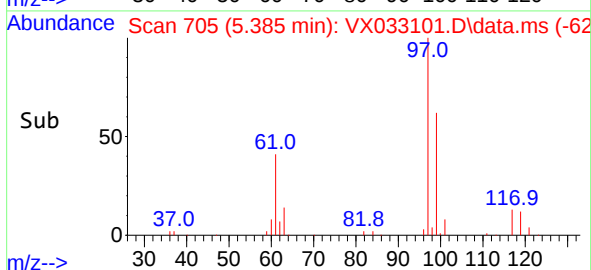
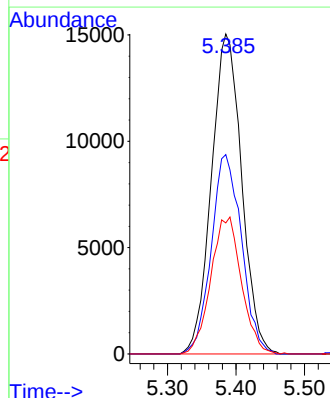
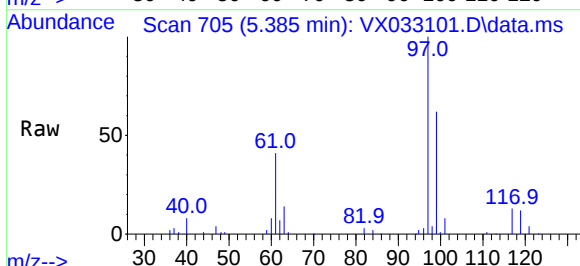
Tgt Ion: 97 Resp: 46089

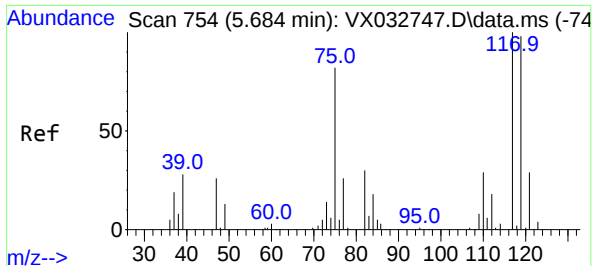
Ion Ratio Lower Upper

97 100

99 62.3 53.8 80.6

61 43.4 31.3 46.9

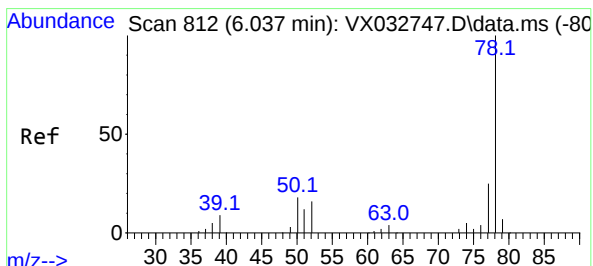
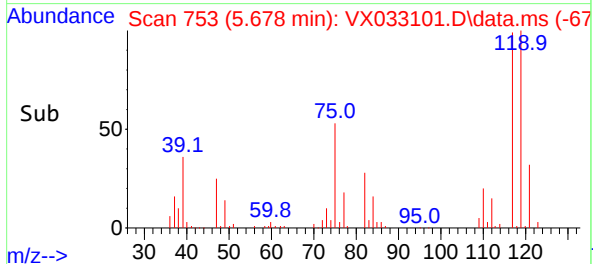
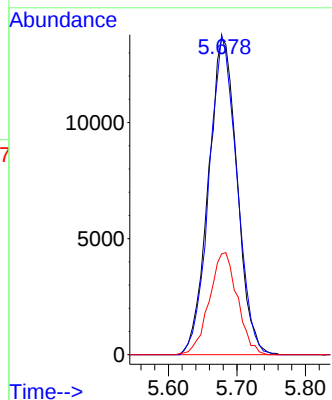
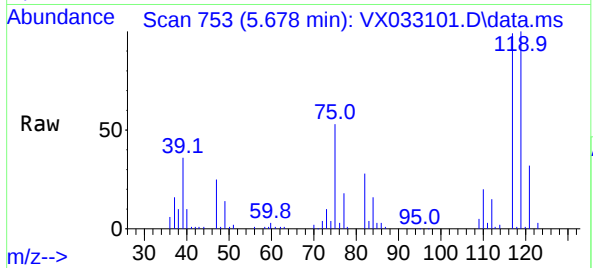




#33
Carbon Tetrachloride
Concen: 21.385 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

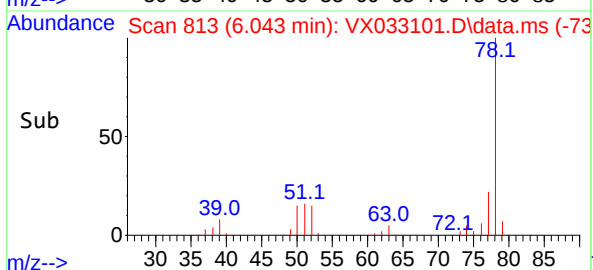
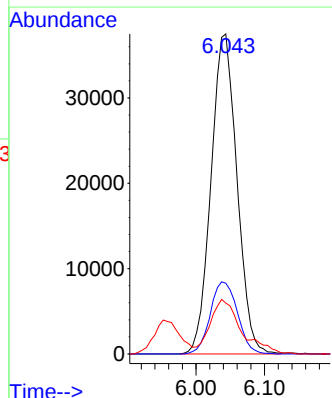
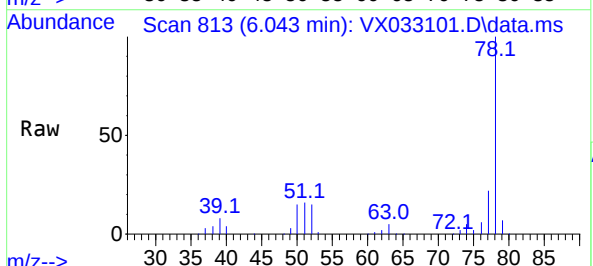
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

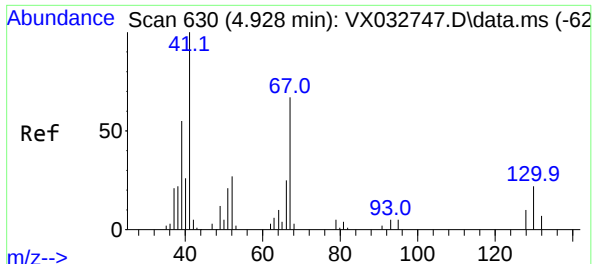
Tgt Ion:117 Resp: 39742
Ion Ratio Lower Upper
117 100
119 101.2 75.4 113.2
121 31.9 24.4 36.6



#34
Benzene
Concen: 20.789 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 78 Resp: 98560
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.6
51 15.4 10.6 15.8



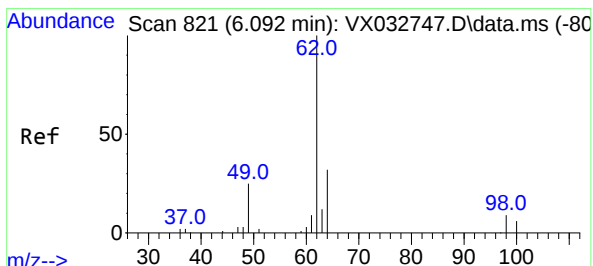
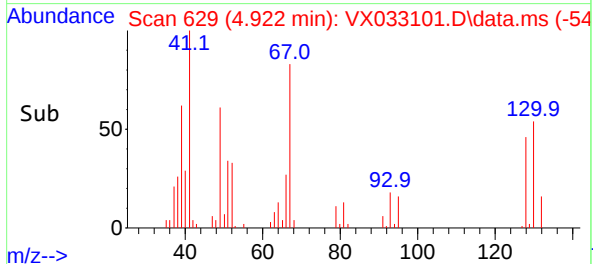
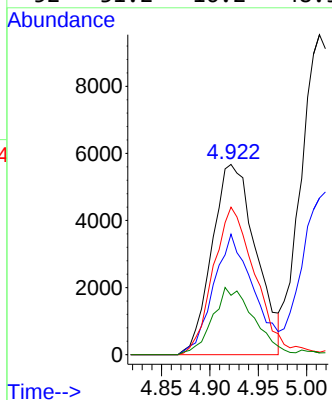
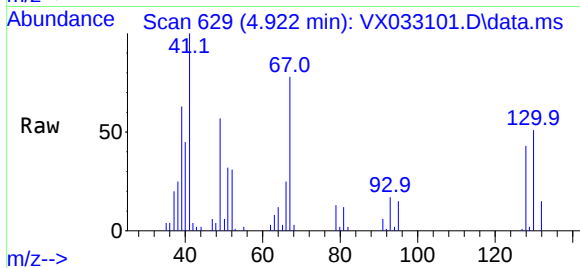


#35
Methacrylonitrile
Concen: 20.188 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 17939

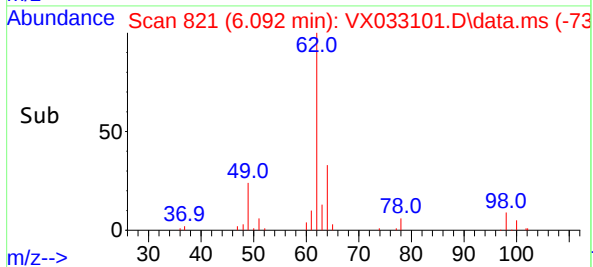
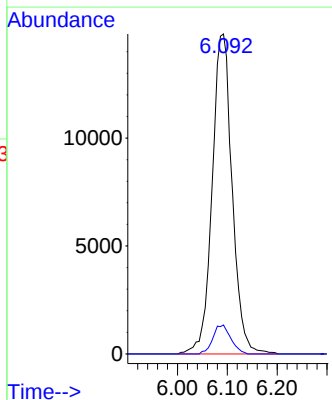
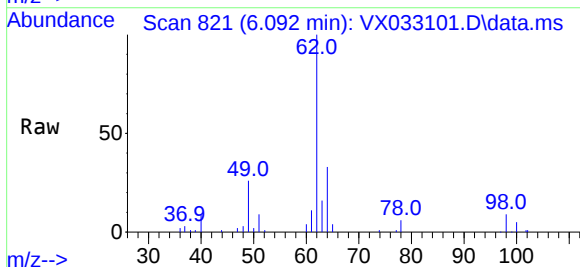
Ion	Ratio	Lower	Upper
41	100		
39	63.3	26.9	80.7
67	77.5	40.6	121.8
52	31.2	16.2	48.5

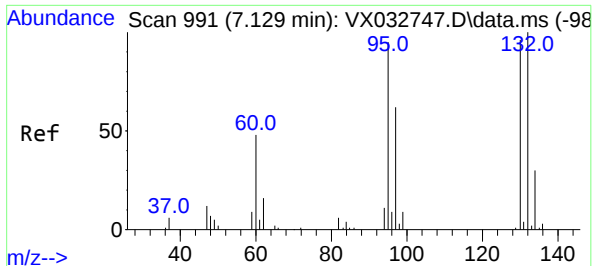


#36
1,2-Dichloroethane
Concen: 21.153 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 62 Resp: 41286

Ion	Ratio	Lower	Upper
62	100		
98	8.1	8.8	13.2#





#37

Trichloroethene

Concen: 20.600 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

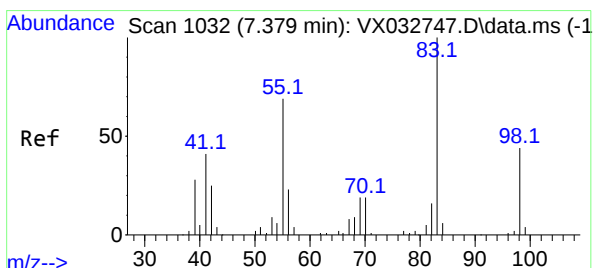
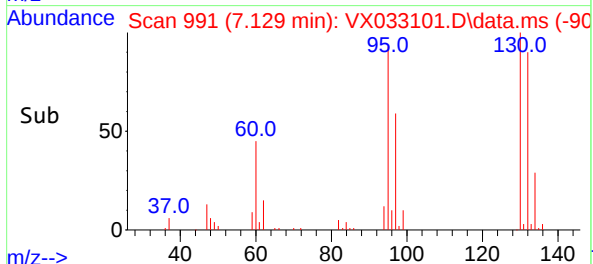
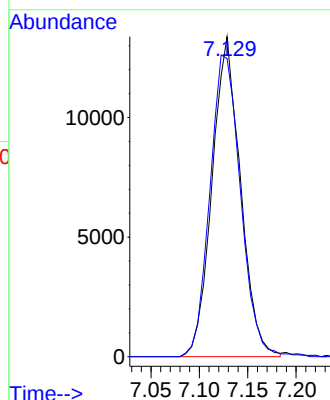
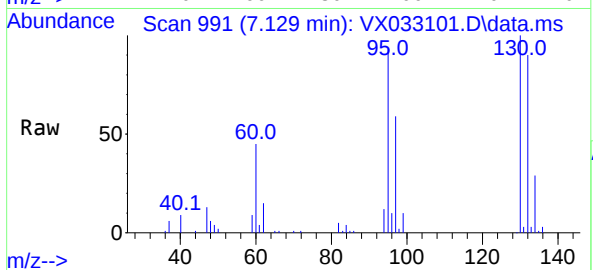
VSTDCCC020EC

Tgt Ion:130 Resp: 27323

Ion Ratio Lower Upper

130 100

95 93.1 72.4 108.6



#38

Methylcyclohexane

Concen: 20.319 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

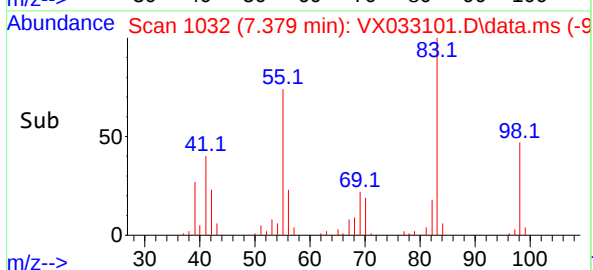
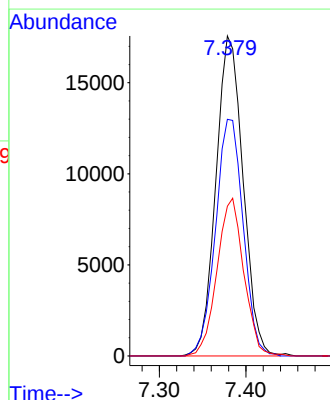
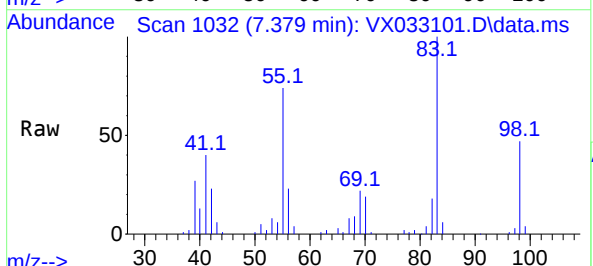
Tgt Ion: 83 Resp: 38307

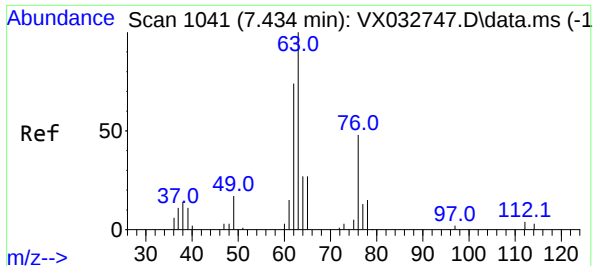
Ion Ratio Lower Upper

83 100

55 75.2 31.6 94.7

98 48.6 26.9 80.6

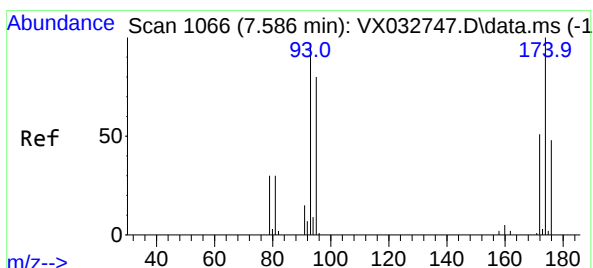
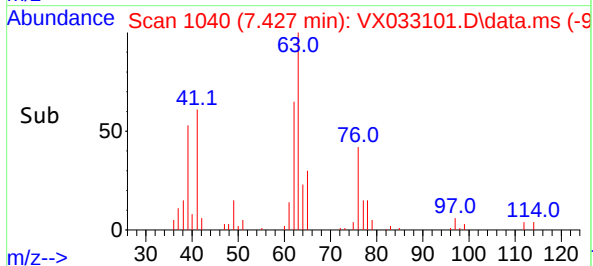
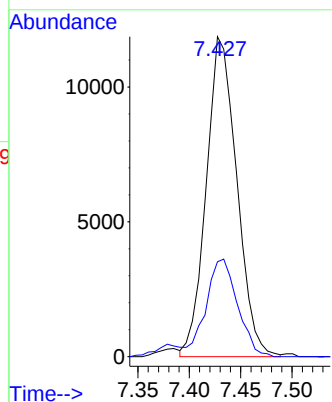
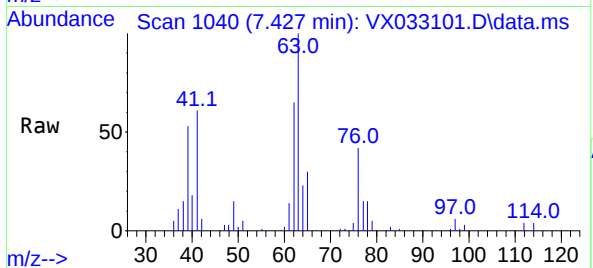




#39
1,2-Dichloropropane
Concen: 20.435 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

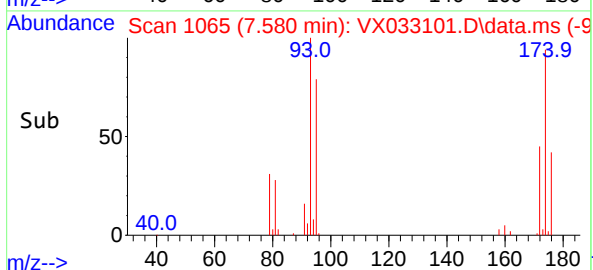
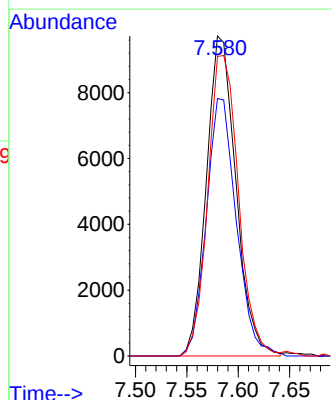
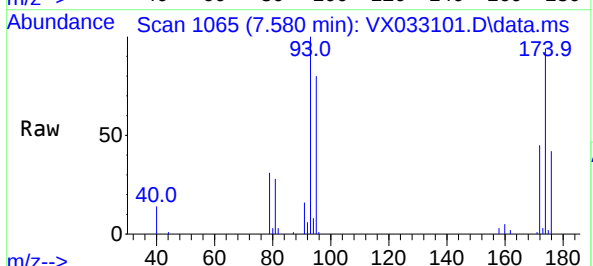
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

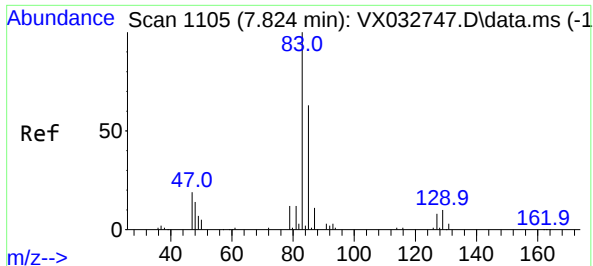
Tgt Ion: 63 Resp: 24524
Ion Ratio Lower Upper
63 100
65 29.8 26.5 39.7



#40
Dibromomethane
Concen: 21.224 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 93 Resp: 19447
Ion Ratio Lower Upper
93 100
95 81.6 0.0 165.0
174 97.2 0.0 205.2

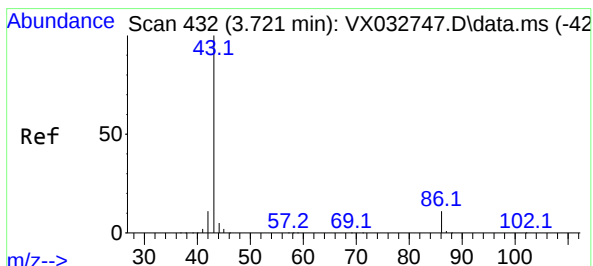
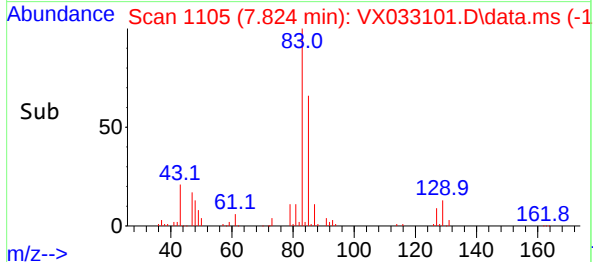
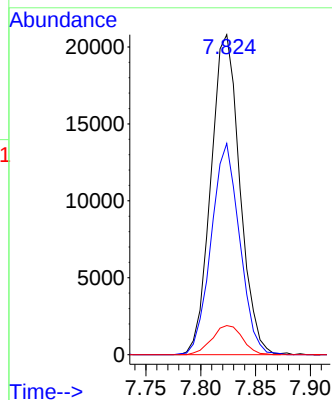
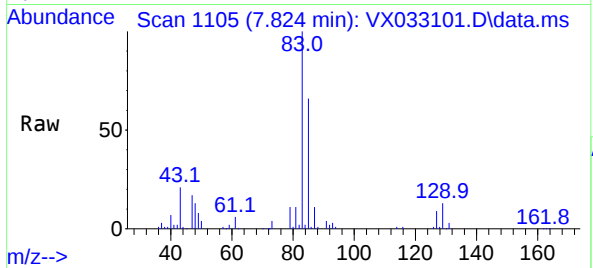




#41
Bromodichloromethane
Concen: 21.861 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

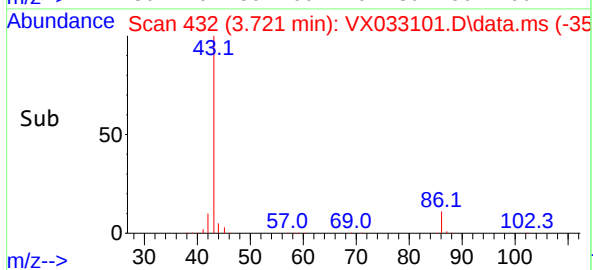
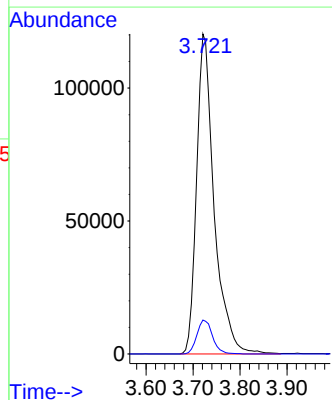
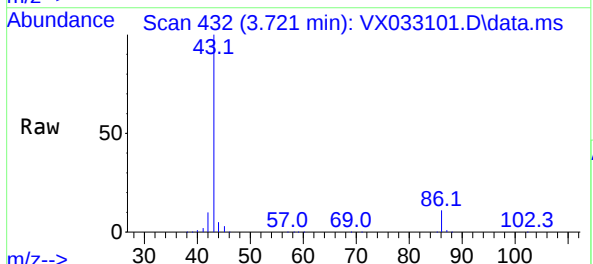
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

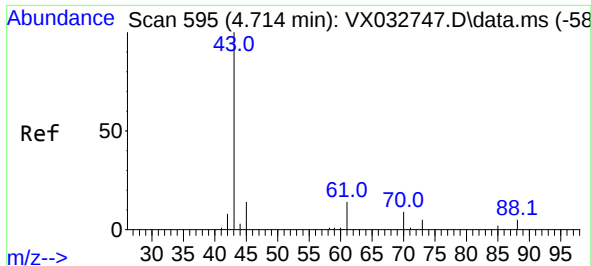
Tgt Ion: 83 Resp: 38179
Ion Ratio Lower Upper
83 100
85 65.7 52.3 78.5
127 9.1 6.8 10.2



#42
Vinyl Acetate
Concen: 103.851 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 43 Resp: 313085
Ion Ratio Lower Upper
43 100
86 9.5 10.3 15.5#

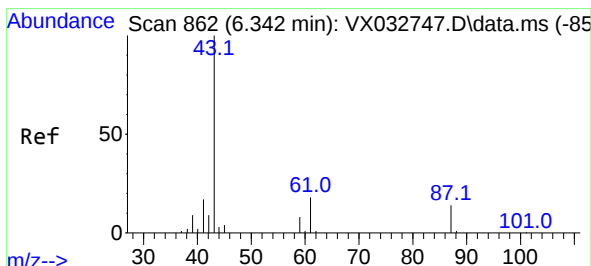
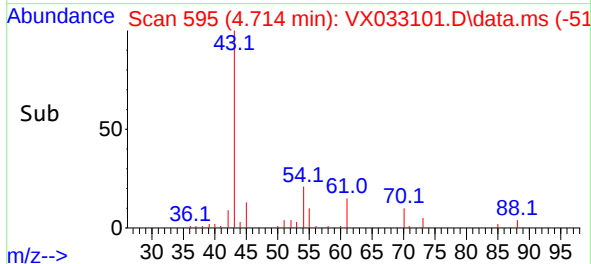
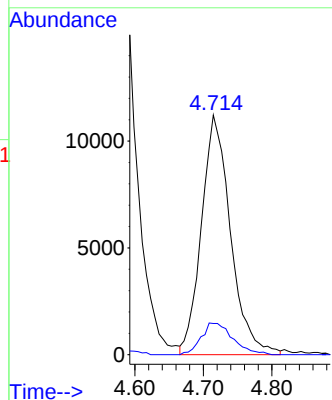
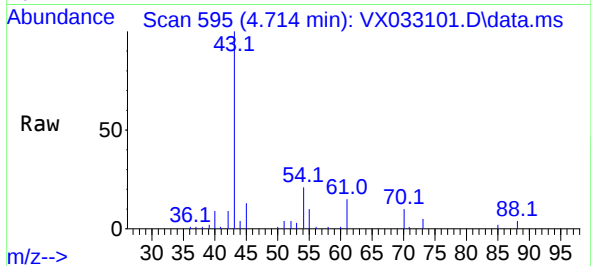




#43
Ethyl Acetate
Concen: 21.010 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

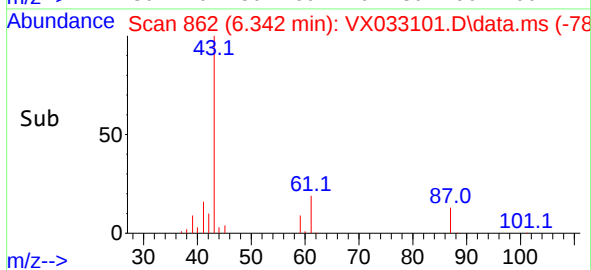
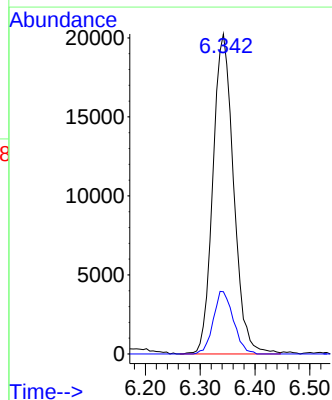
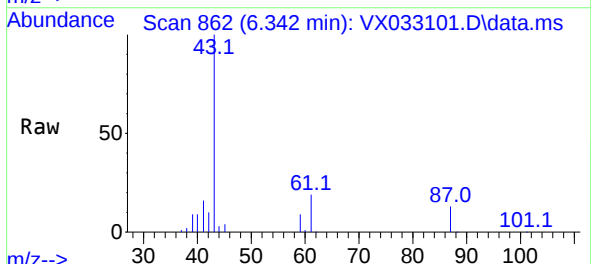
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

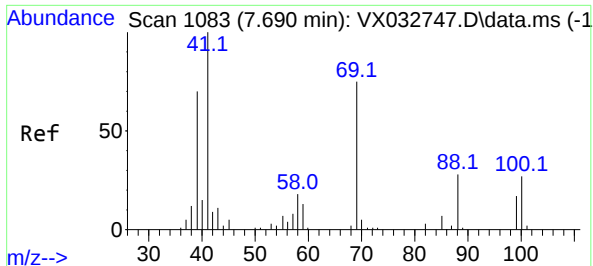
Tgt Ion: 43 Resp: 33160
Ion Ratio Lower Upper
43 100
45 14.4 8.2 12.2#



#44
Isopropyl Acetate
Concen: 20.069 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 43 Resp: 53082
Ion Ratio Lower Upper
43 100
61 19.0 17.2 25.8





#45

1,4-Dioxane

Concen: 479.273 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.024 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

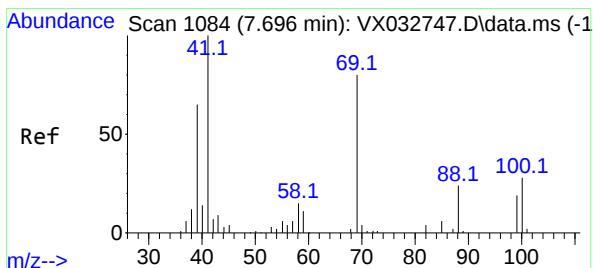
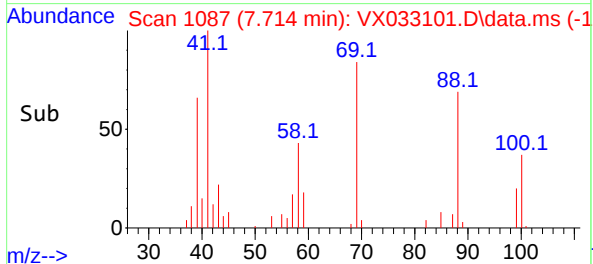
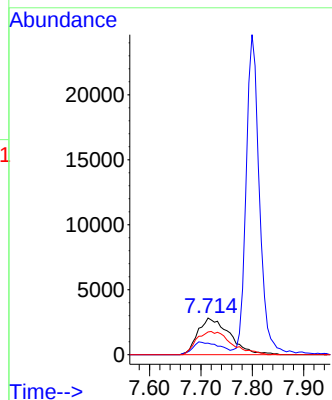
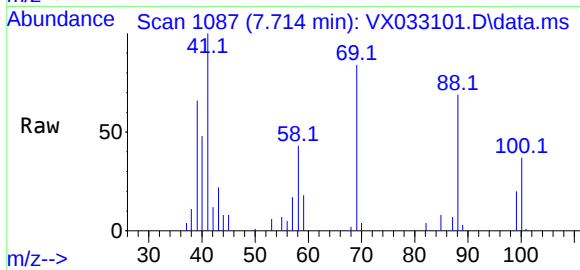
Tgt Ion: 88 Resp: 12176

Ion Ratio Lower Upper

88 100

43 29.4 20.4 30.6

58 36.1 44.0 66.0#



#46

Methyl methacrylate

Concen: 20.207 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

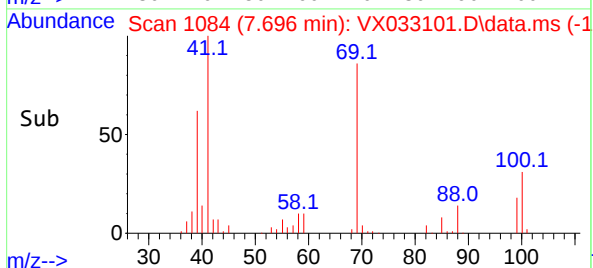
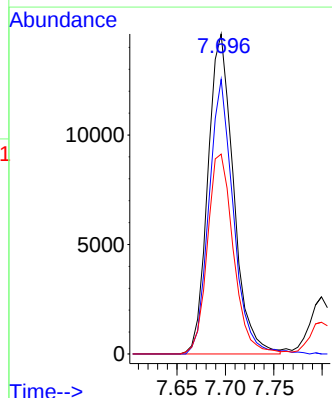
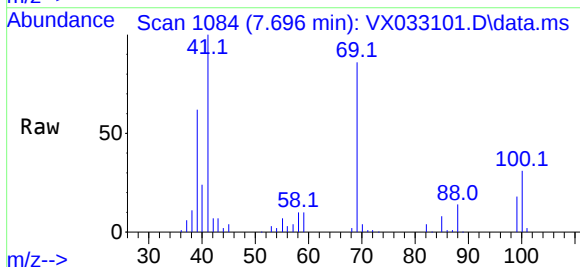
Tgt Ion: 41 Resp: 26906

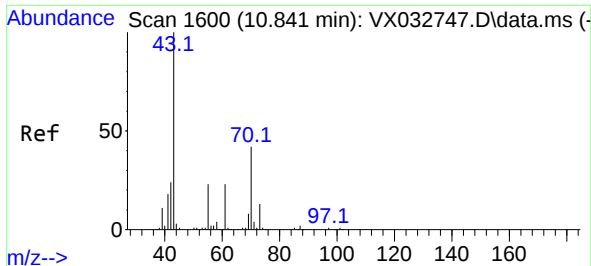
Ion Ratio Lower Upper

41 100

69 85.8 50.5 151.5

39 62.5 34.6 103.8

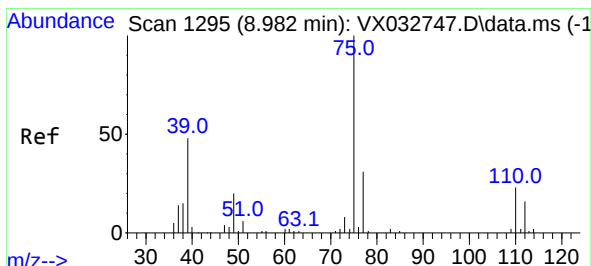
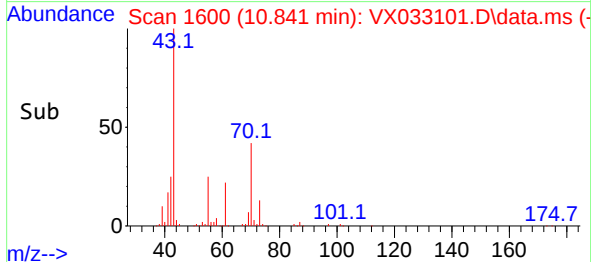
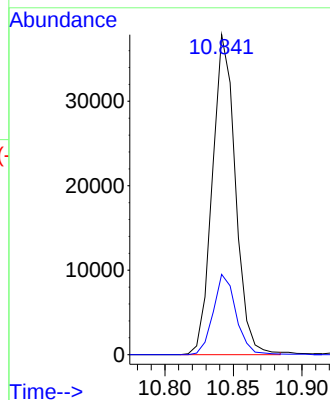
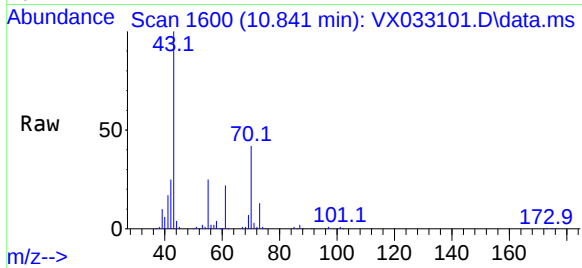




#47
n-amy1 Acetate
Concen: 18.854 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

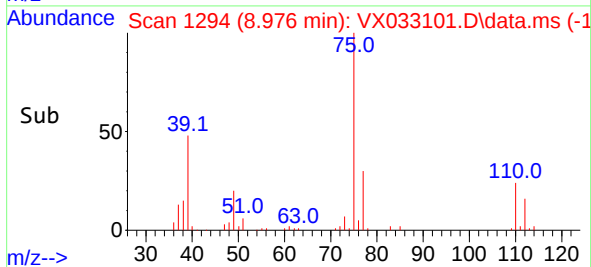
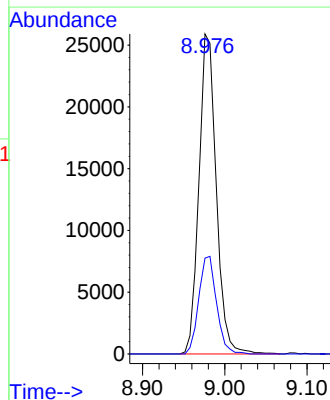
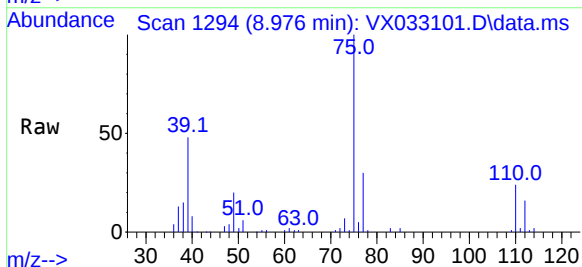
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

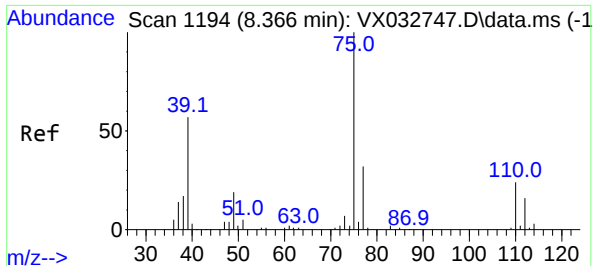
Tgt Ion: 43 Resp: 44331
Ion Ratio Lower Upper
43 100
55 24.8 21.6 32.4



#48
t-1,3-Dichloropropene
Concen: 21.170 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 75 Resp: 37929
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

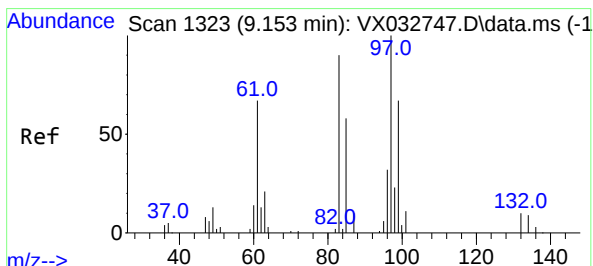
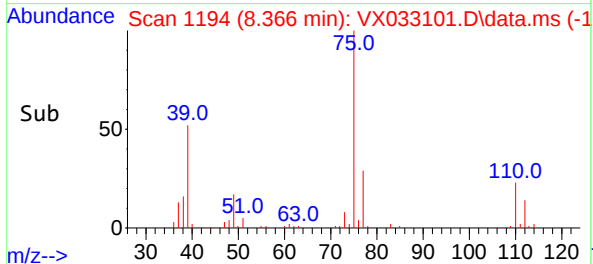
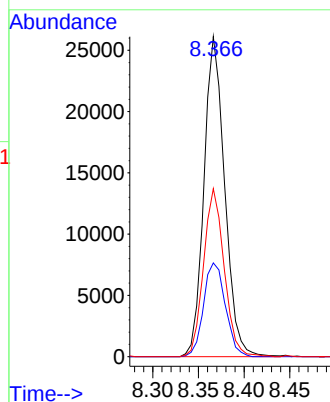
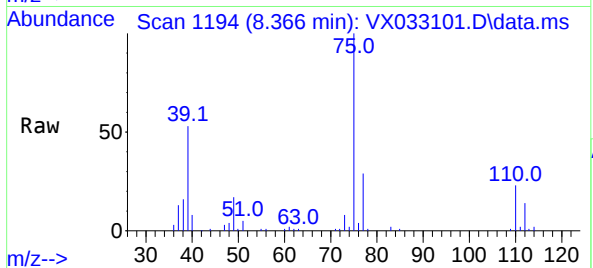




#49
cis-1,3-Dichloropropene
Concen: 21.760 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

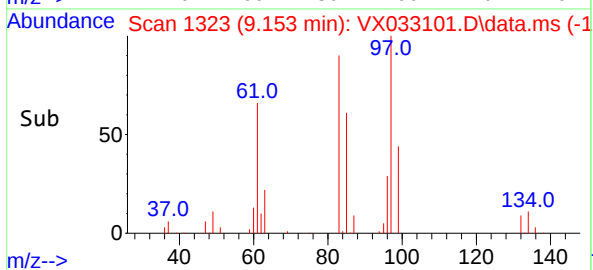
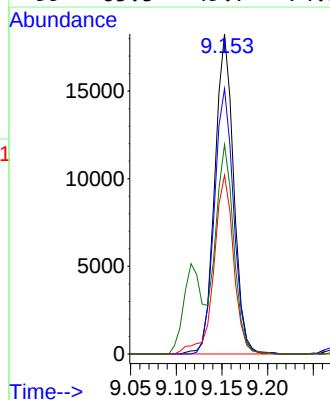
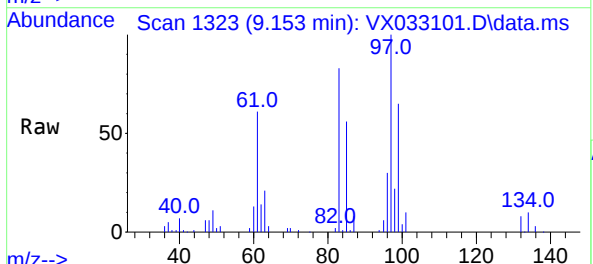
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

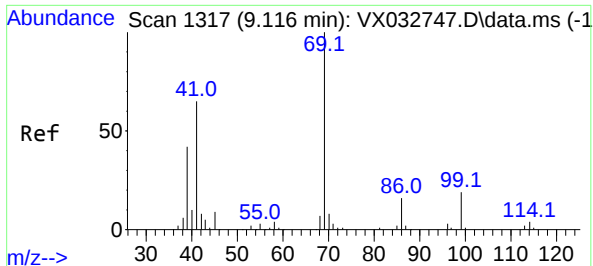
Tgt Ion: 75 Resp: 41167
Ion Ratio Lower Upper
75 100
77 29.3 25.7 38.5
39 52.5 34.1 51.1#



#50
1,1,2-Trichloroethane
Concen: 20.809 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 97 Resp: 26215
Ion Ratio Lower Upper
97 100
83 82.9 62.2 93.4
85 55.9 44.2 66.2
99 65.5 49.7 74.5

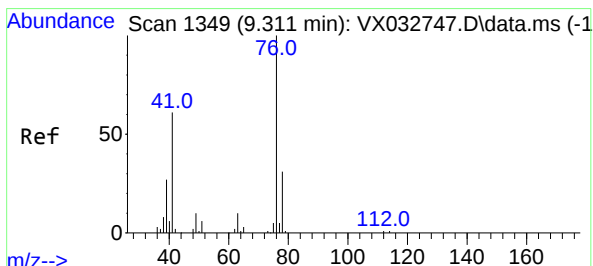
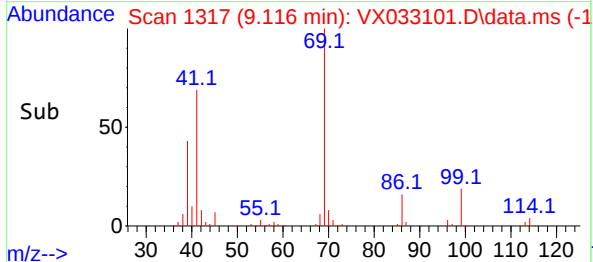
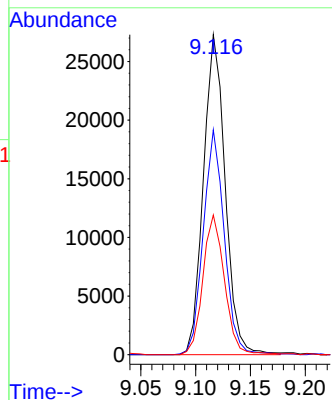
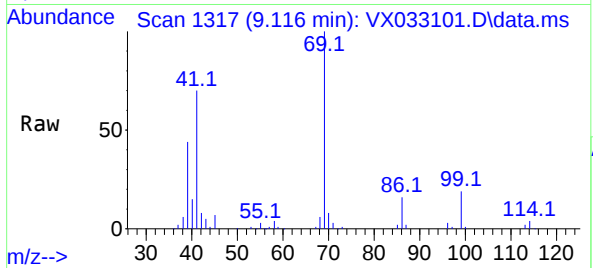




#51
Ethyl methacrylate
Concen: 20.047 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

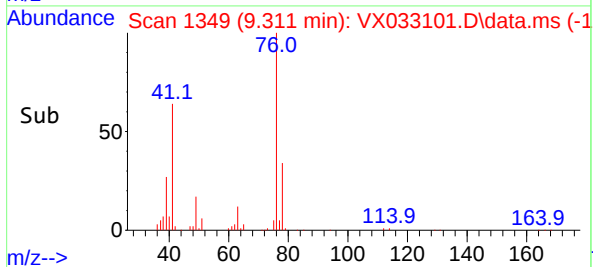
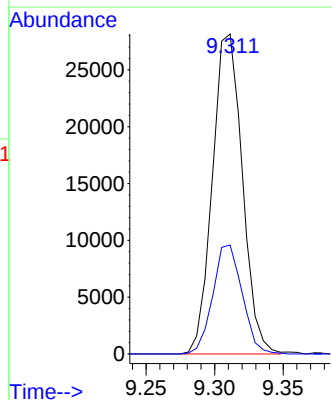
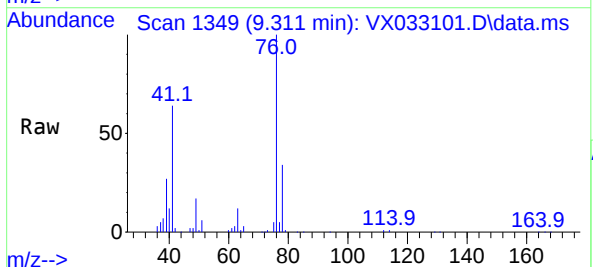
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

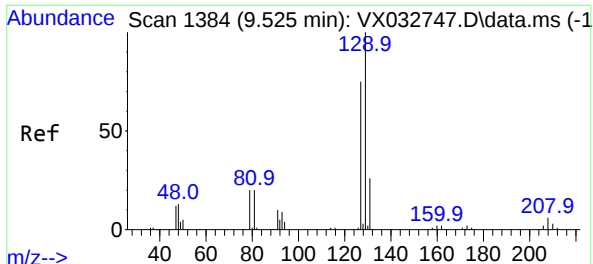
Tgt Ion: 69 Resp: 37718
Ion Ratio Lower Upper
69 100
41 70.0 25.9 77.7
39 43.7 17.8 53.3



#52
1,3-Dichloropropane
Concen: 20.777 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 76 Resp: 42793
Ion Ratio Lower Upper
76 100
78 33.4 0.0 66.0





#53

Dibromochloromethane

Concen: 21.900 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

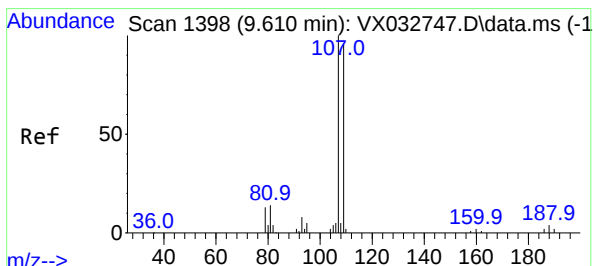
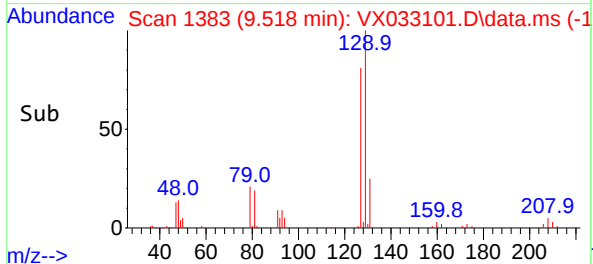
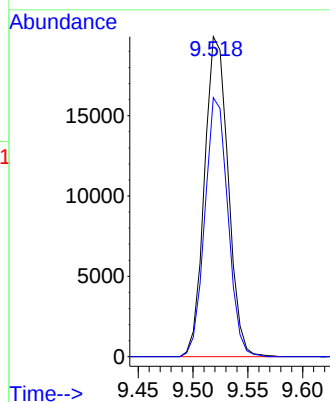
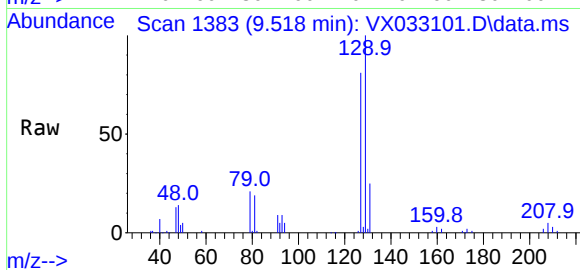
VSTDCCC020EC

Tgt Ion:129 Resp: 30004

Ion Ratio Lower Upper

129 100

127 78.6 39.0 117.0



#54

1,2-Dibromoethane

Concen: 21.046 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX033101.D

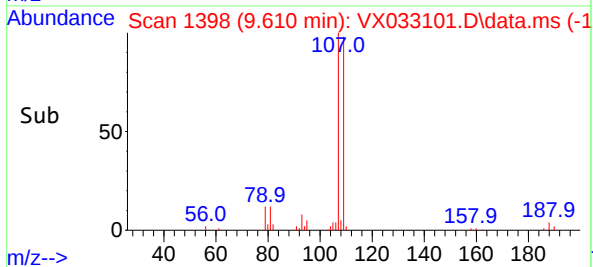
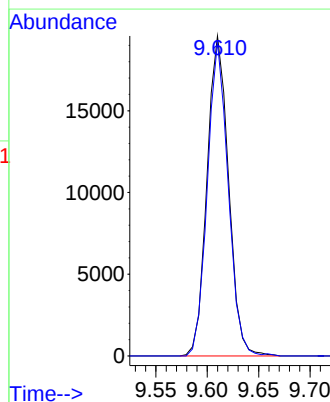
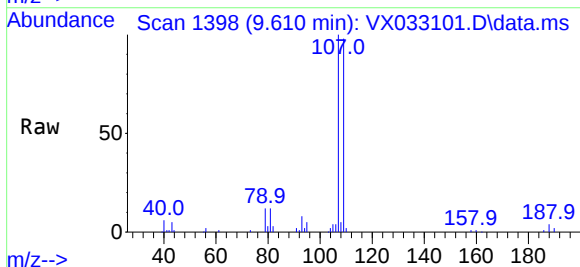
Acq: 28 Nov 2022 20:05

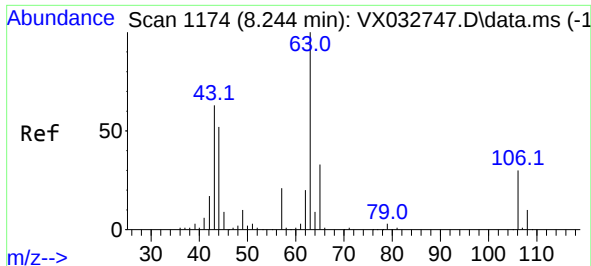
Tgt Ion:107 Resp: 28559

Ion Ratio Lower Upper

107 100

109 94.4 75.0 112.6



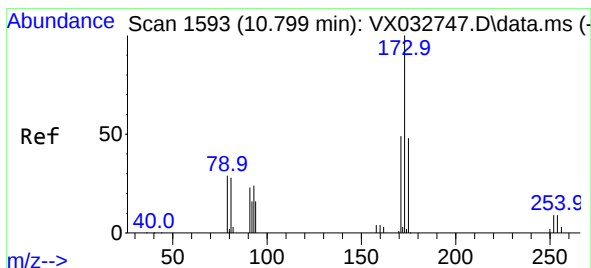
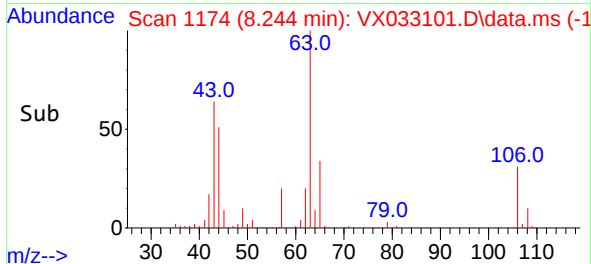
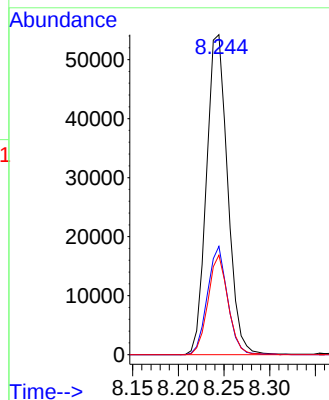
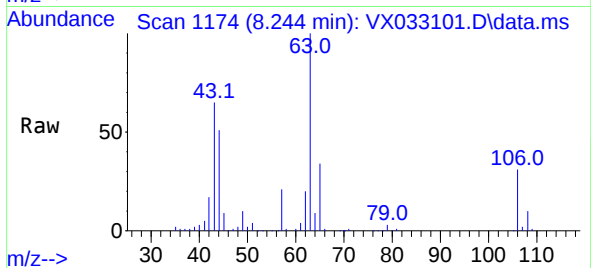


#55
2-Chloroethyl vinyl ether
Concen: 96.006 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 87292

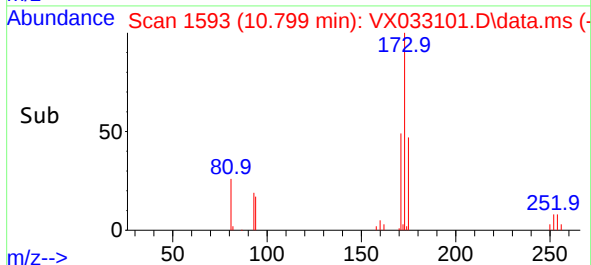
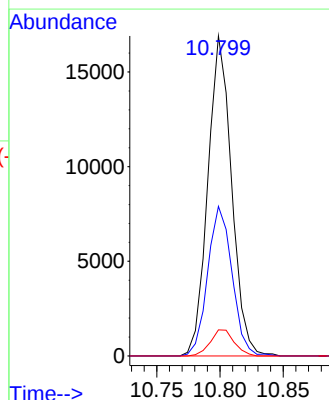
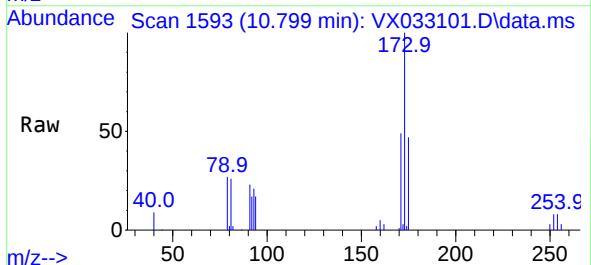
Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3
106	29.5	28.9	43.3

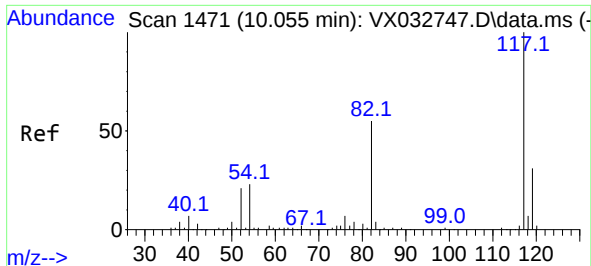


#56
Bromoform
Concen: 22.521 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 173 Resp: 22091

Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	58.0
254	8.3	6.8	10.2

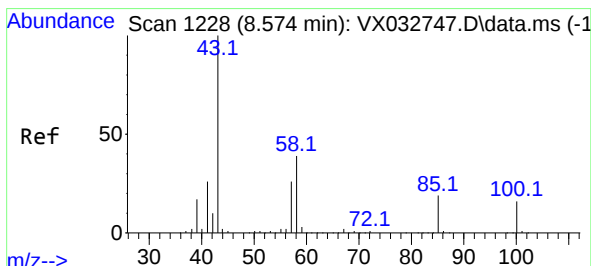
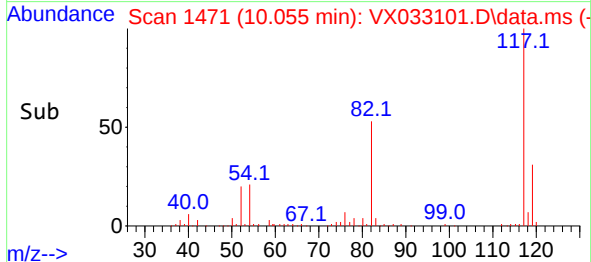
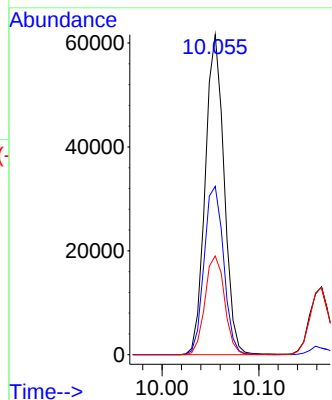
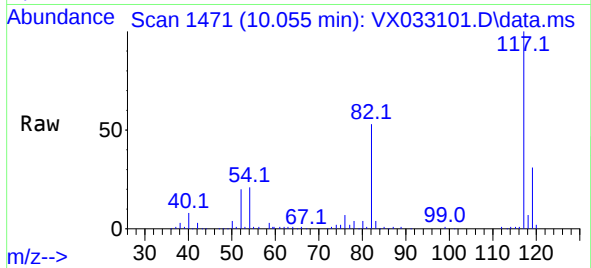




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

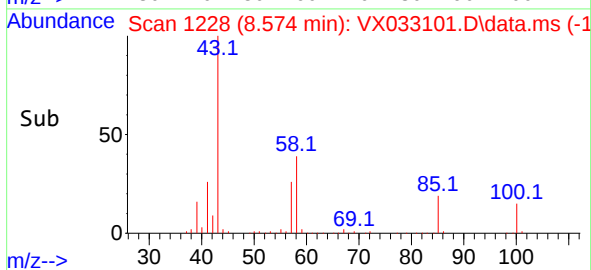
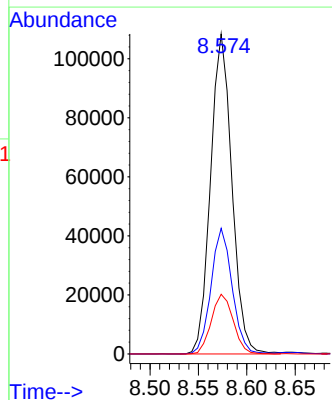
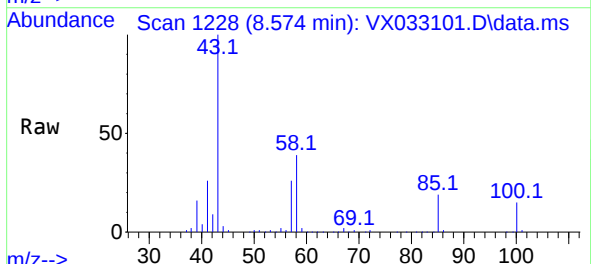
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

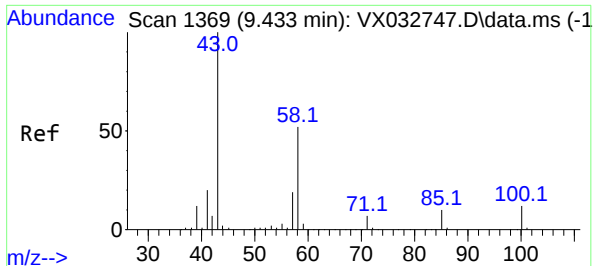
Tgt Ion:117 Resp: 83521
Ion Ratio Lower Upper
117 100
82 54.6 40.0 60.0
119 32.1 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 101.949 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 43 Resp: 166685
Ion Ratio Lower Upper
43 100
58 38.9 34.9 52.3
85 19.1 19.4 29.2#

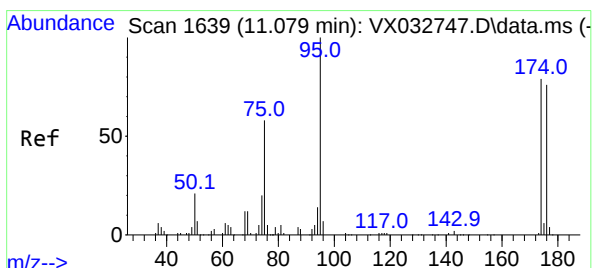
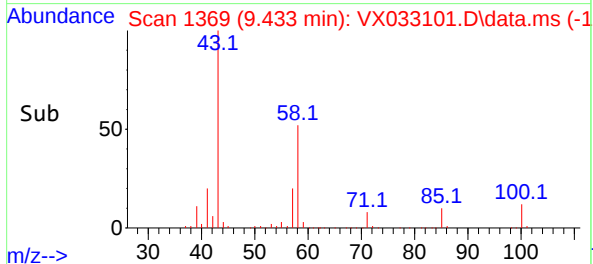
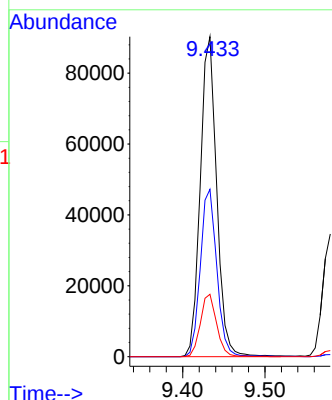
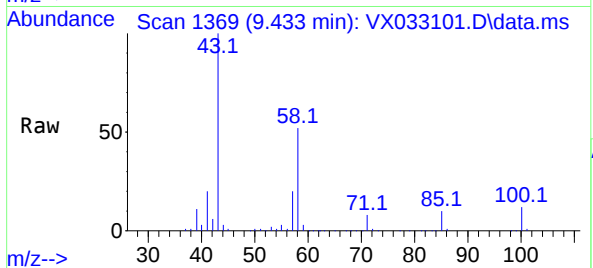




#59
2-Hexanone
Concen: 104.105 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

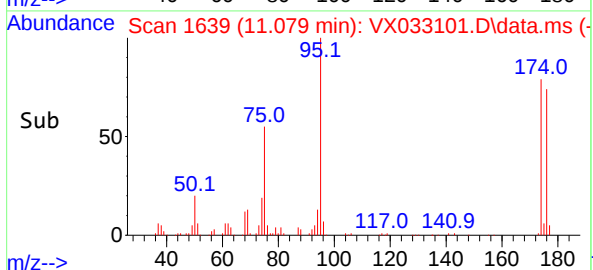
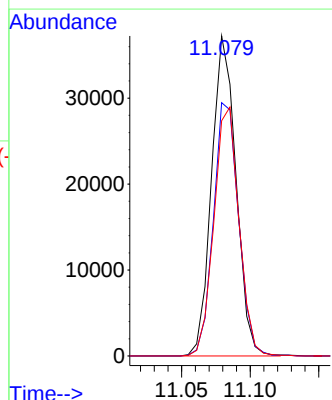
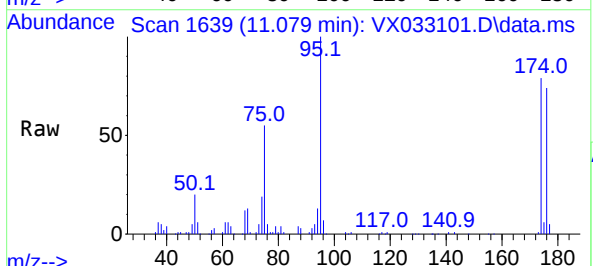
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

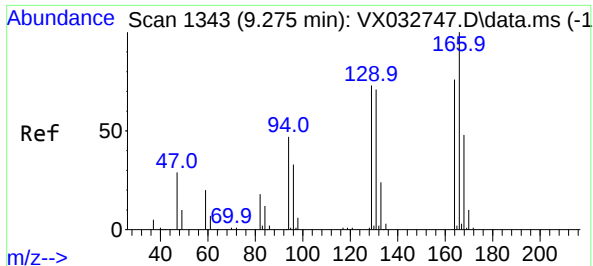
Tgt Ion: 43 Resp: 125321
Ion Ratio Lower Upper
43 100
58 52.4 49.0 73.6
57 19.3 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 28.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

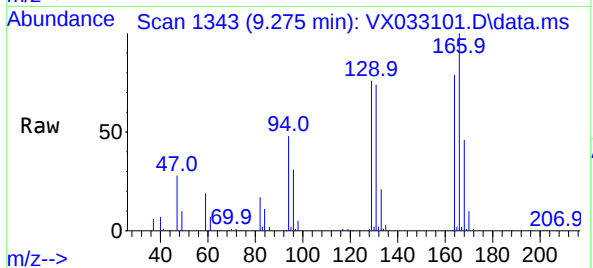
Tgt Ion: 95 Resp: 46105
Ion Ratio Lower Upper
95 100
174 81.6 68.2 102.2
176 79.8 68.1 102.1



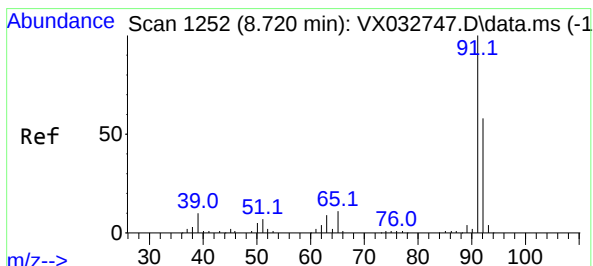
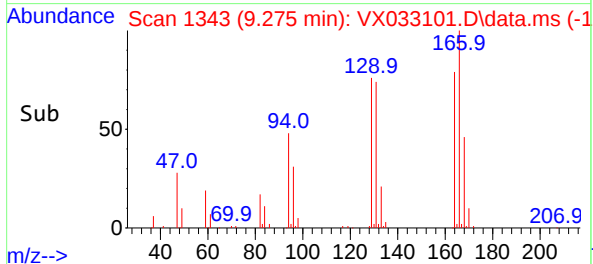
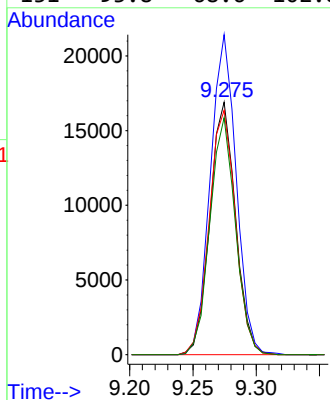


#61
Tetrachloroethene
Concen: 20.352 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

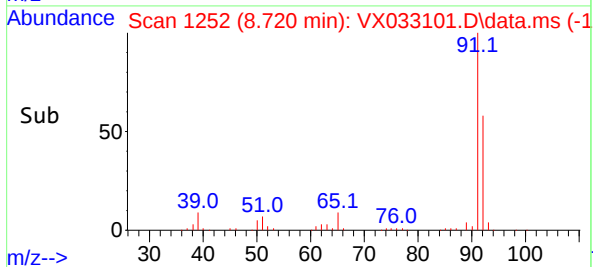
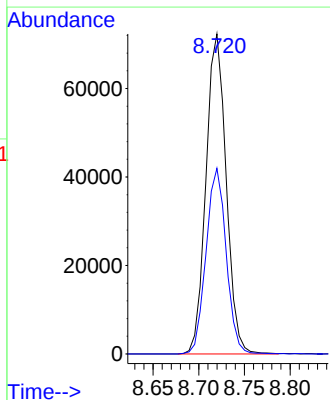
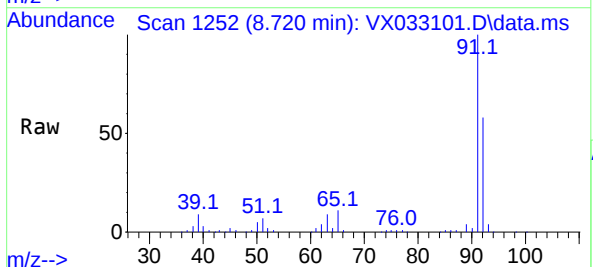


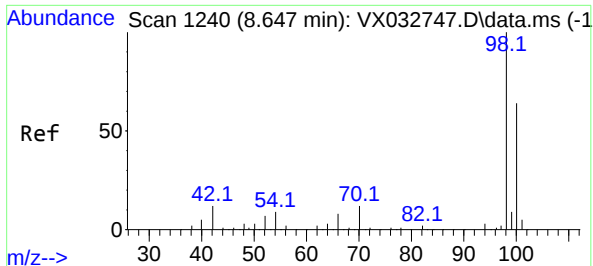
Tgt Ion:164 Resp: 23756
Ion Ratio Lower Upper
164 100
166 126.7 102.8 154.2
129 96.8 73.0 109.4
131 93.8 68.6 102.8



#62
Toluene
Concen: 20.453 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 91 Resp: 111094
Ion Ratio Lower Upper
91 100
92 57.8 47.3 70.9





#63

Toluene-d8

Concen: 29.480 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

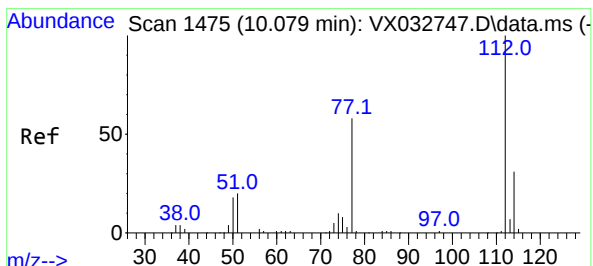
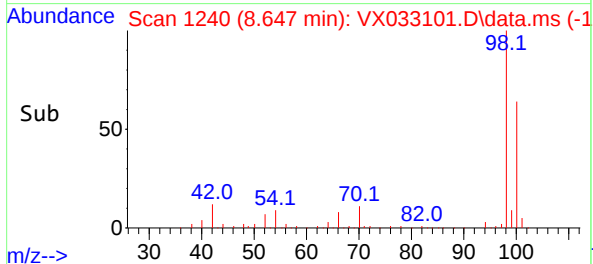
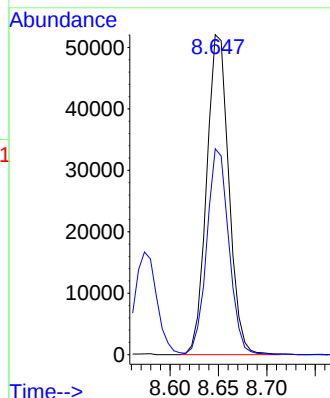
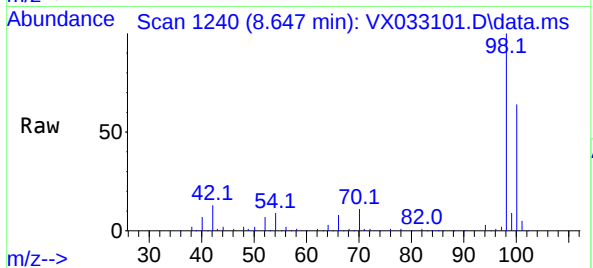
VSTDCCC020EC

Tgt Ion: 98 Resp: 83093

Ion Ratio Lower Upper

98 100

100 64.1 53.8 80.8



#64

Chlorobenzene

Concen: 20.247 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX033101.D

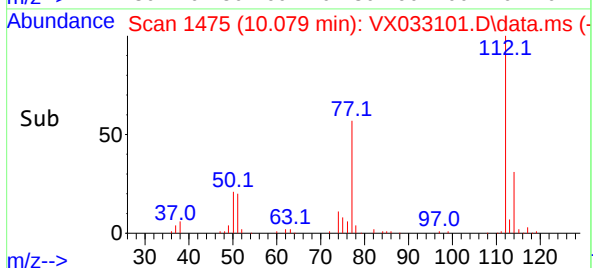
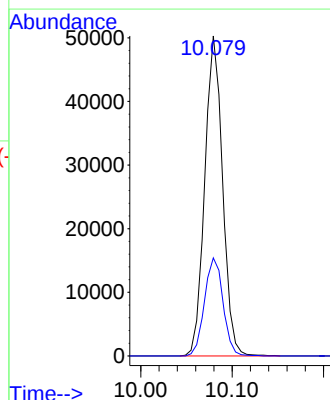
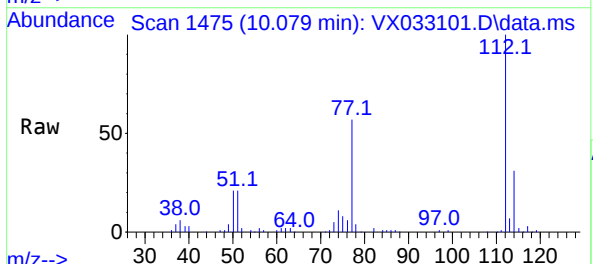
Acq: 28 Nov 2022 20:05

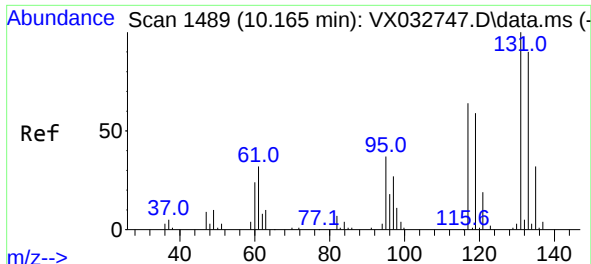
Tgt Ion: 112 Resp: 67991

Ion Ratio Lower Upper

112 100

114 30.7 25.7 38.5

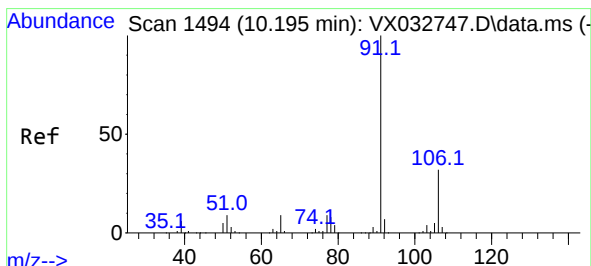
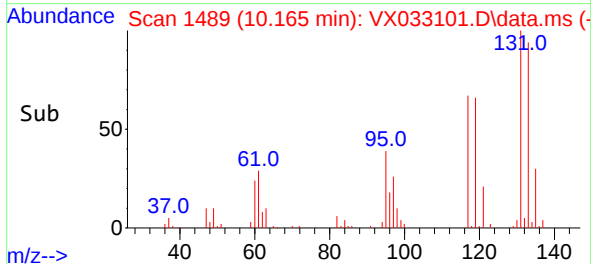
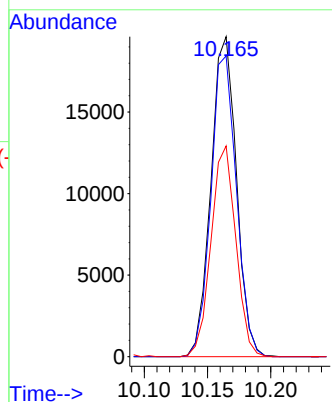
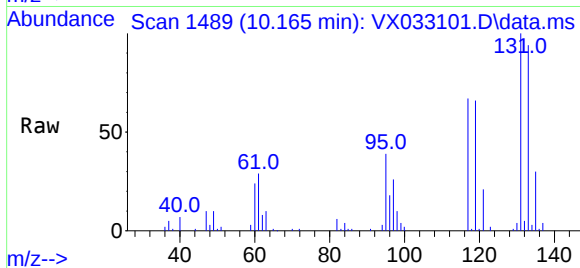




#65
1,1,1,2-Tetrachloroethane
Concen: 21.485 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

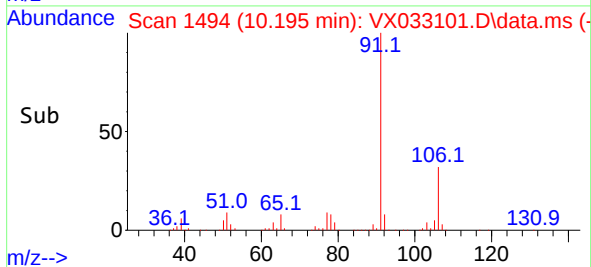
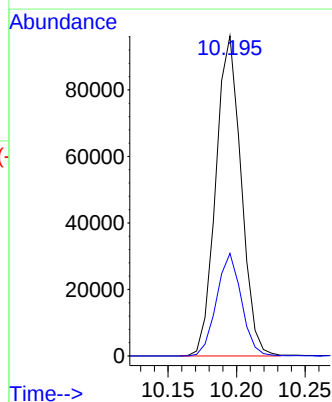
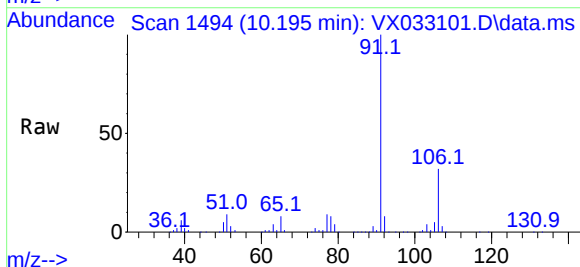
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

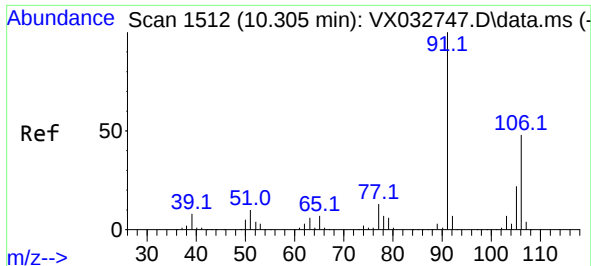
Tgt Ion:131	Resp:	27484
Ion	Ratio	Lower Upper
131	100	
133	94.2	0.0 189.4
119	64.1	0.0 127.0



#66
Ethyl Benzene
Concen: 20.296 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 91	Resp:	123674
Ion	Ratio	Lower Upper
91	100	
106	32.0	26.7 40.1





#67

m/p-Xylenes

Concen: 41.122 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

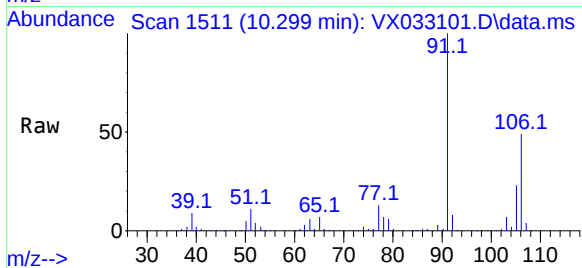
VSTDCCC020EC

Tgt Ion:106 Resp: 97498

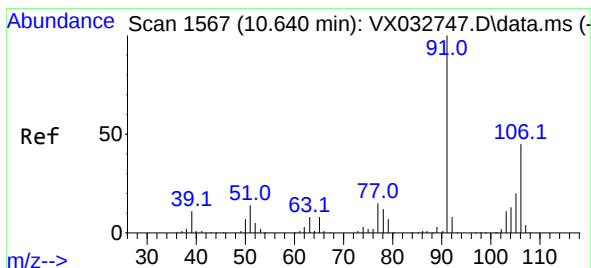
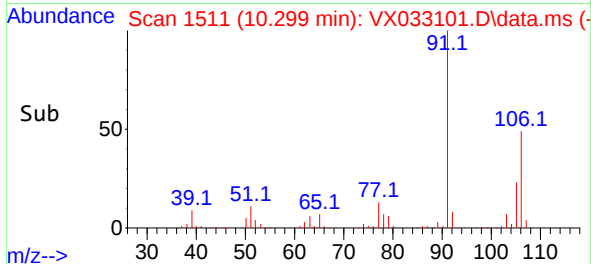
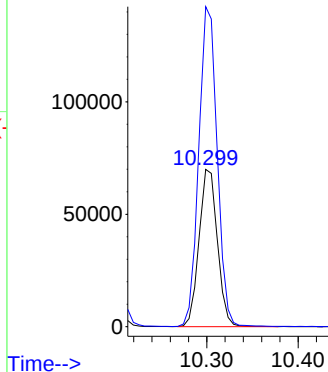
Ion Ratio Lower Upper

106 100

91 202.7 152.3 228.5



Abundance



#68

o-Xylene

Concen: 20.128 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX033101.D

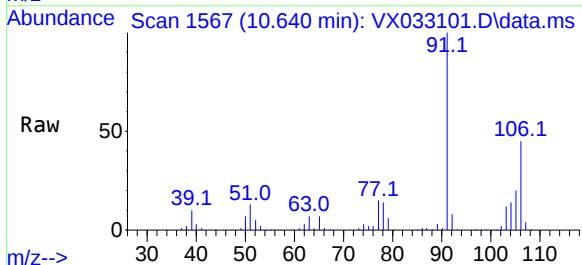
Acq: 28 Nov 2022 20:05

Tgt Ion:106 Resp: 46827

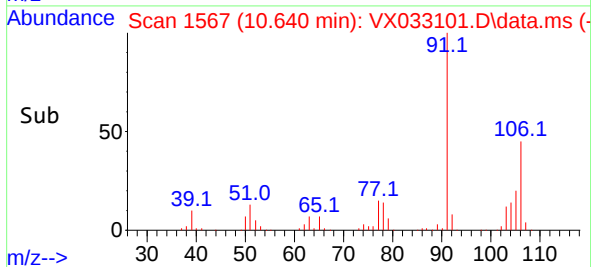
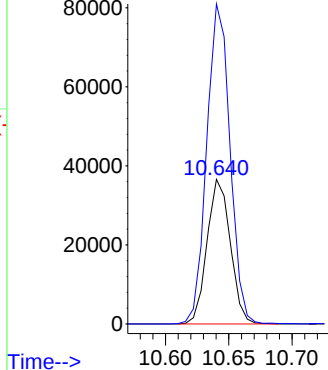
Ion Ratio Lower Upper

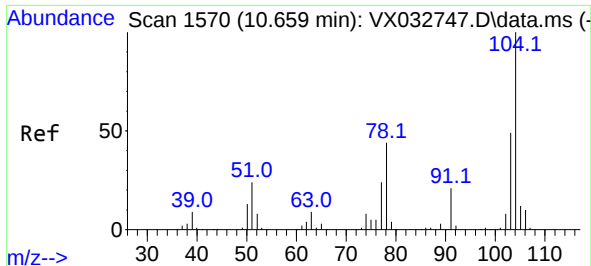
106 100

91 221.2 101.9 305.7



Abundance

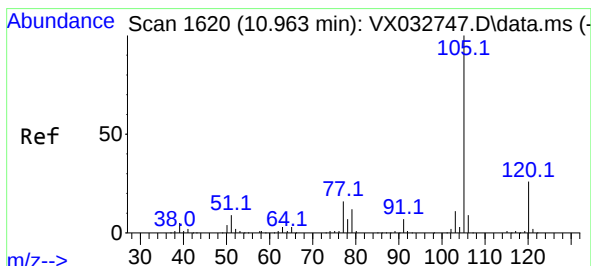
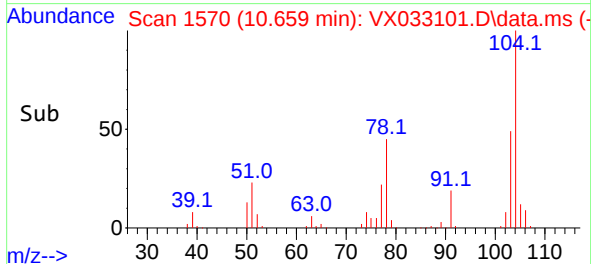
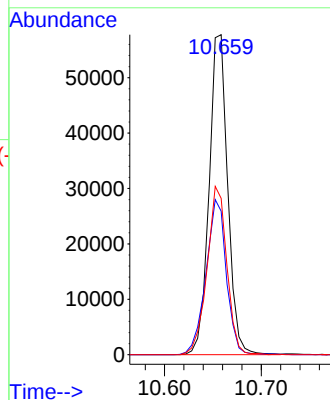
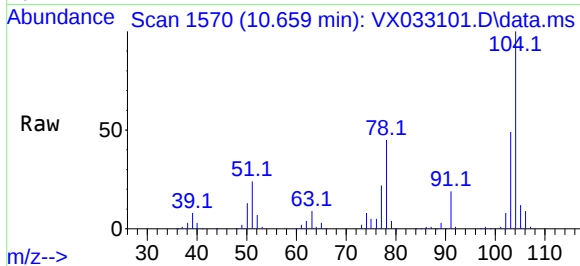




#69
Styrene
Concen: 20.029 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

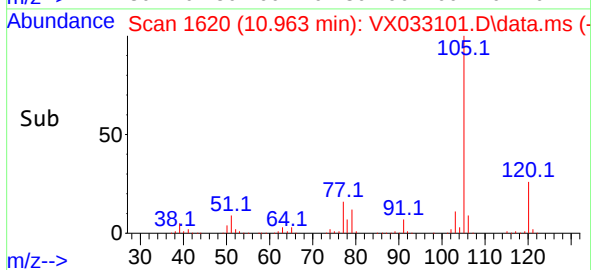
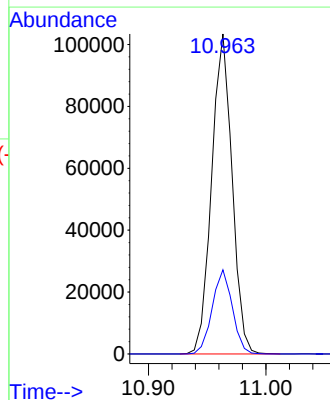
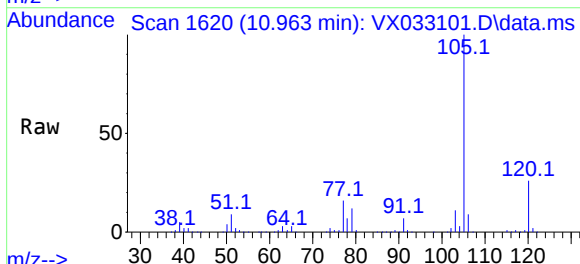
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

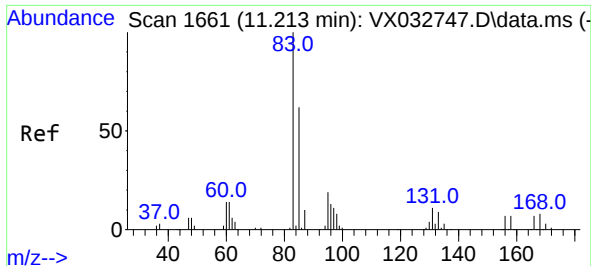
Tgt Ion:104 Resp: 77466
Ion Ratio Lower Upper
104 100
78 53.3 36.6 55.0
103 55.5 43.3 64.9



#70
Isopropylbenzene
Concen: 20.138 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion:105 Resp: 125105
Ion Ratio Lower Upper
105 100
120 25.8 19.3 35.9

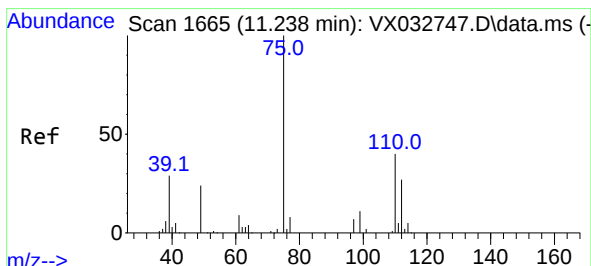
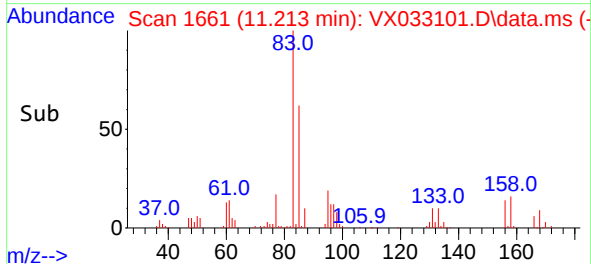
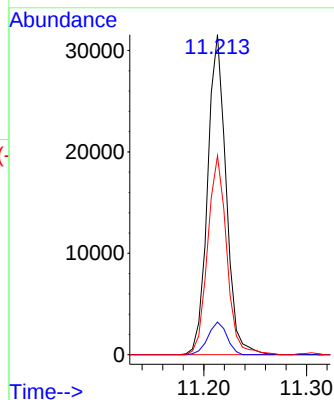
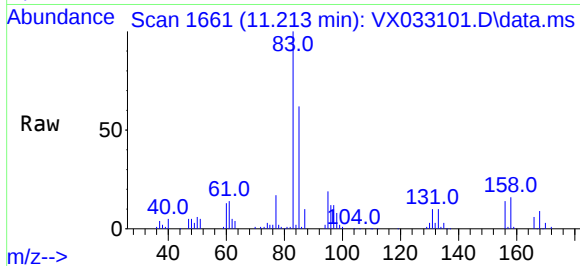




#71
1,1,2,2-Tetrachloroethane
Concen: 20.913 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

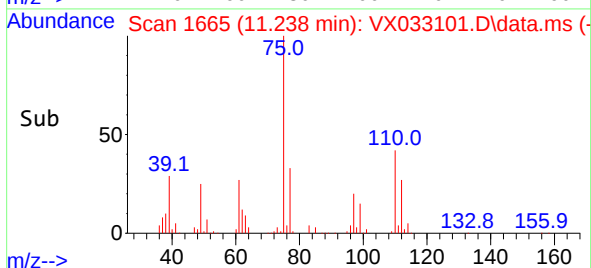
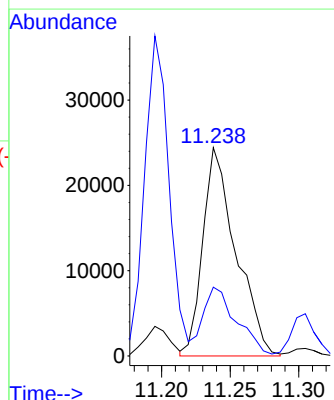
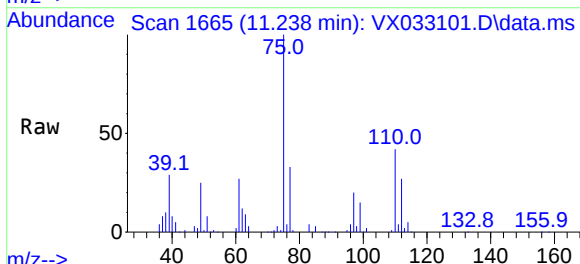
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

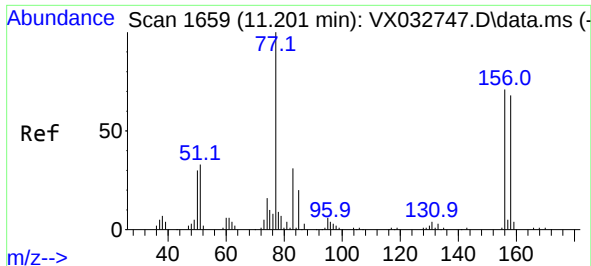
Tgt Ion: 83 Resp: 39400
Ion Ratio Lower Upper
83 100
131 10.5 6.0 18.1
85 64.1 32.8 98.3



#72
1,2,3-Trichloropropane
Concen: 25.131 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 75 Resp: 41121
Ion Ratio Lower Upper
75 100
77 33.8 0.0 76.6

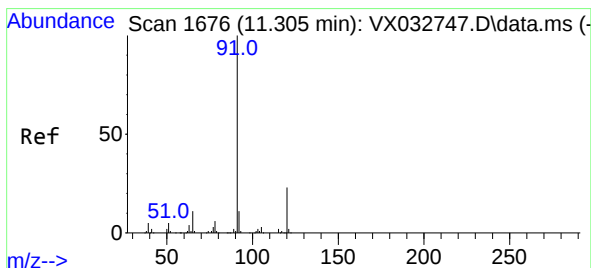
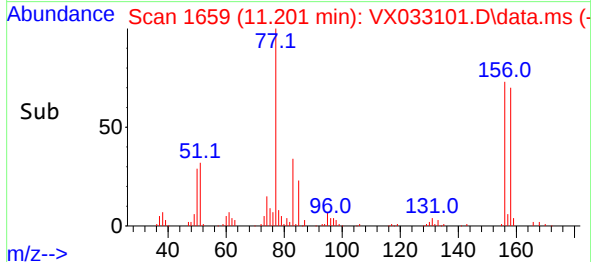
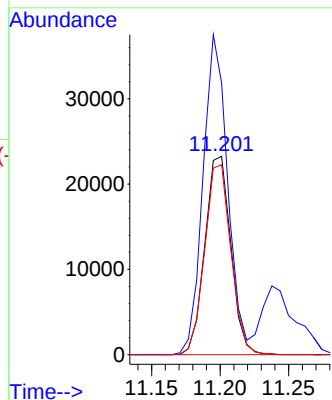
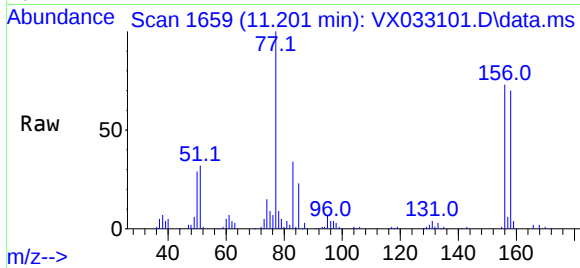




#73
Bromobenzene
Concen: 20.342 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

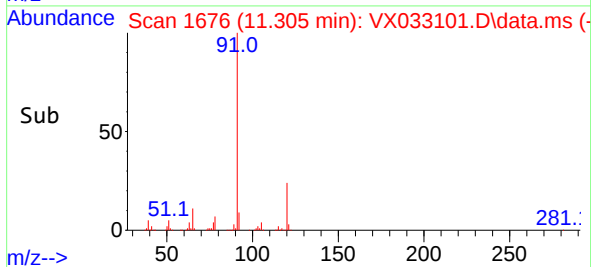
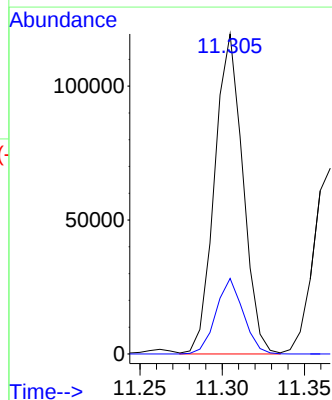
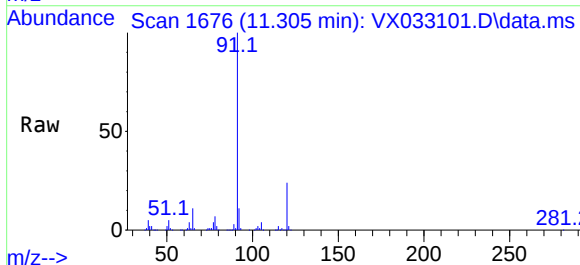
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

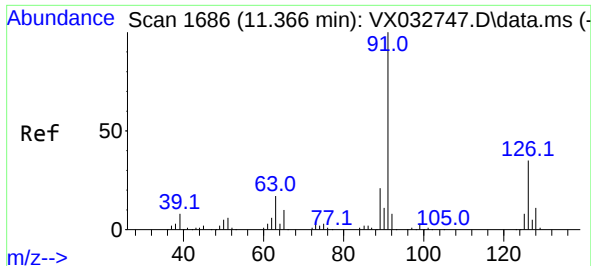
Tgt Ion:156 Resp: 30700
Ion Ratio Lower Upper
156 100
77 152.4 0.0 259.2
158 96.8 0.0 193.2



#74
n-propylbenzene
Concen: 20.239 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 91 Resp: 142860
Ion Ratio Lower Upper
91 100
120 22.7 0.0 51.0

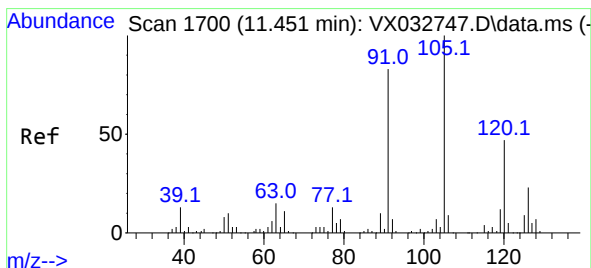
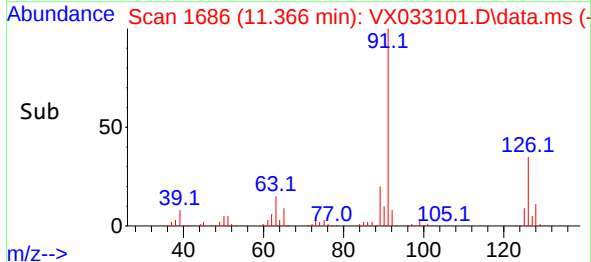
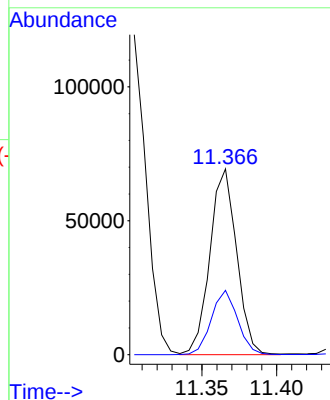
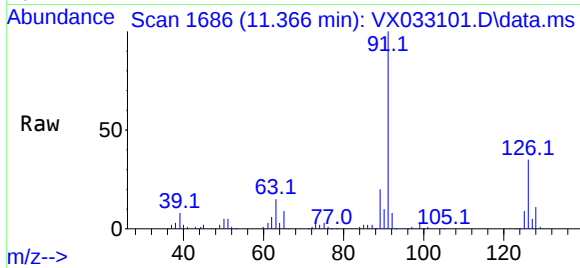




#75
2-Chlorotoluene
Concen: 20.222 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

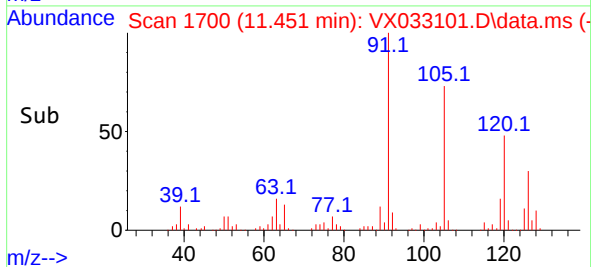
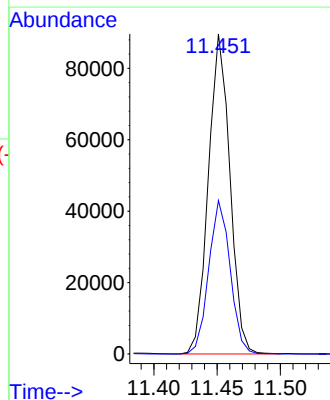
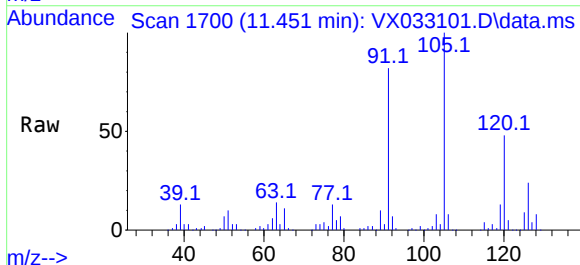
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

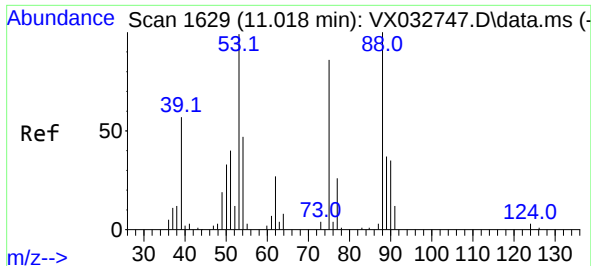
Tgt Ion: 91 Resp: 86420
Ion Ratio Lower Upper
91 100
126 34.0 0.0 76.4



#76
1,3,5-Trimethylbenzene
Concen: 20.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 105 Resp: 106324
Ion Ratio Lower Upper
105 100
120 47.7 0.0 100.6

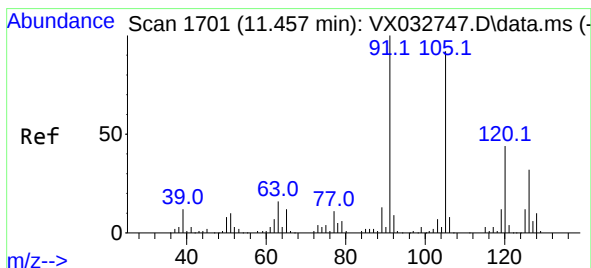
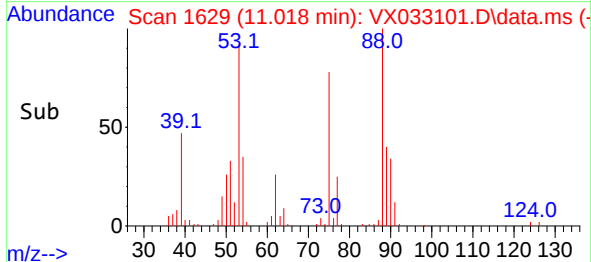
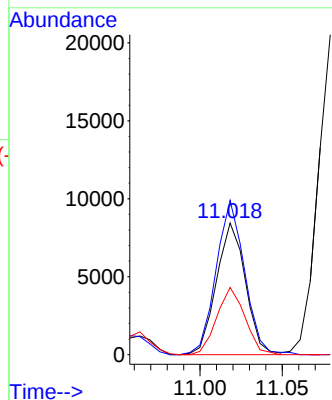
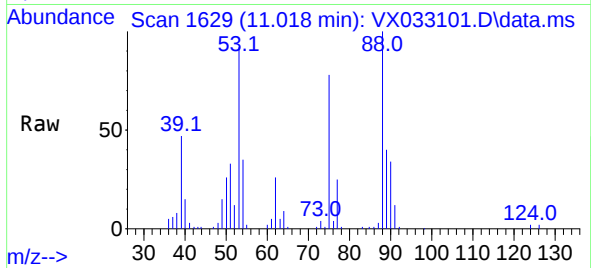




#77
t-1,4-Dichloro-2-butene
Concen: 20.779 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

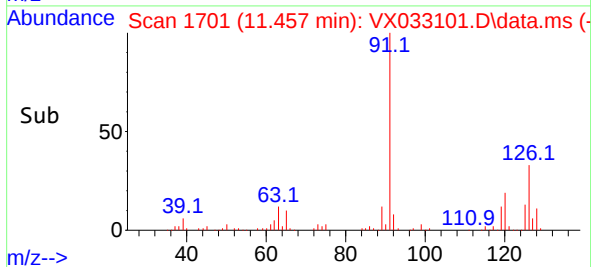
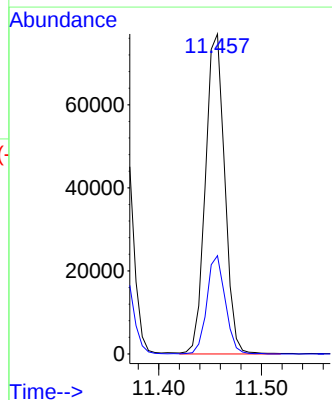
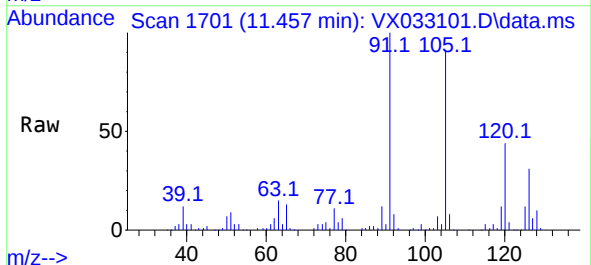
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

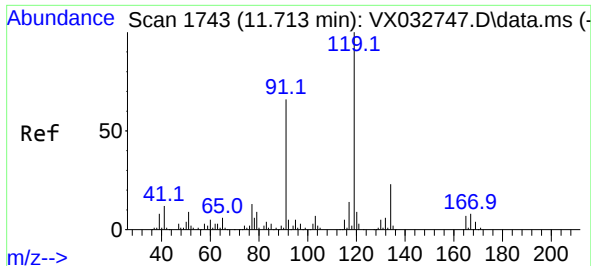
Tgt Ion: 75 Resp: 10375
Ion Ratio Lower Upper
75 100
53 117.1 51.8 155.4
89 51.0 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.438 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 91 Resp: 100614
Ion Ratio Lower Upper
91 100
126 29.1 0.0 67.0

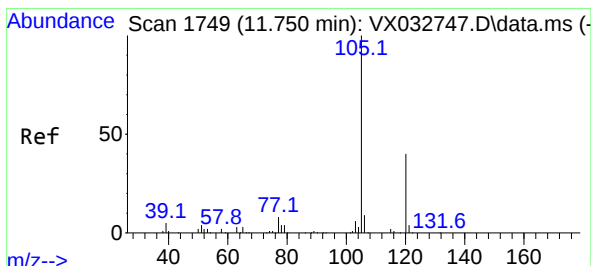
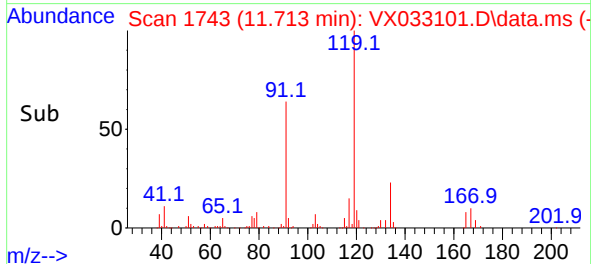
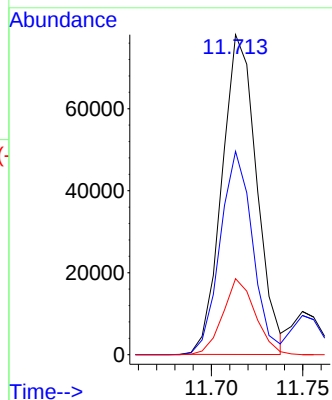
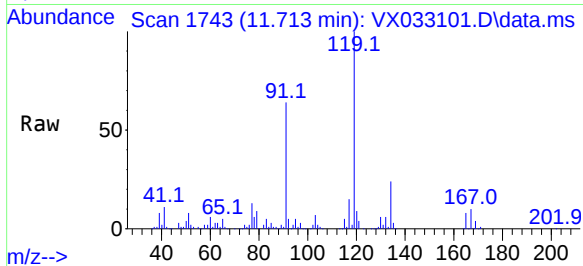




#79
tert-butylbenzene
Concen: 20.237 ug/l
RT: 11.713 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

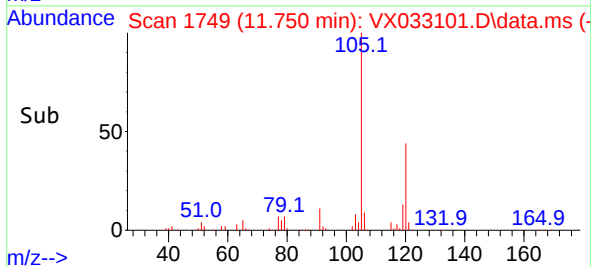
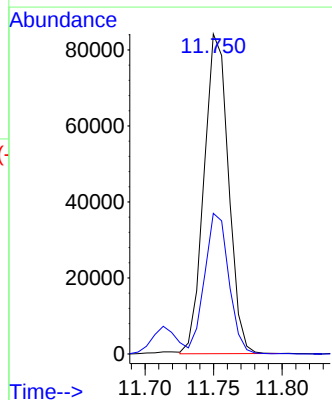
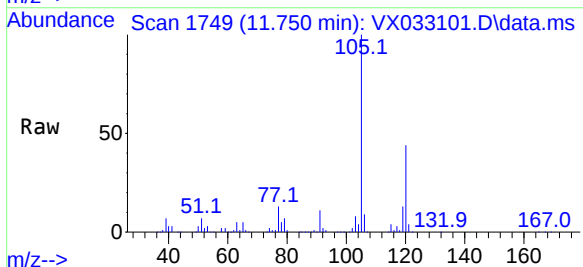
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

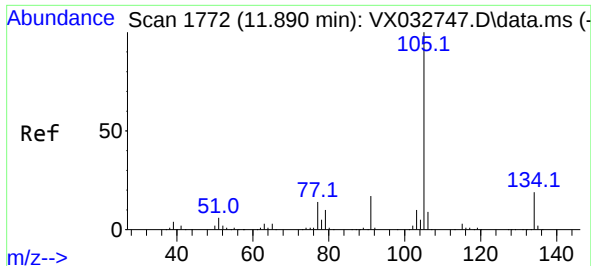
Tgt Ion:119 Resp: 103282
Ion Ratio Lower Upper
119 100
91 59.7 0.0 112.0
134 22.2 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 20.341 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion:105 Resp: 104450
Ion Ratio Lower Upper
105 100
120 43.5 0.0 95.0

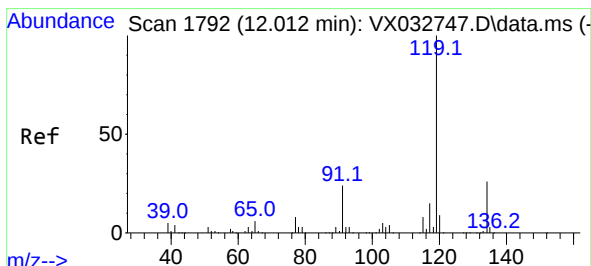
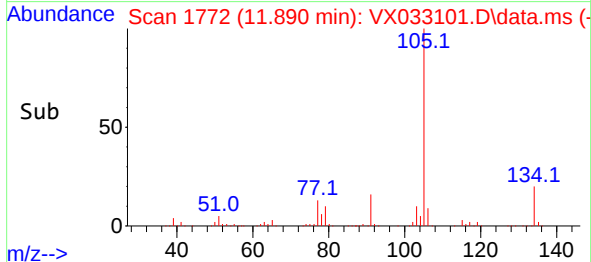
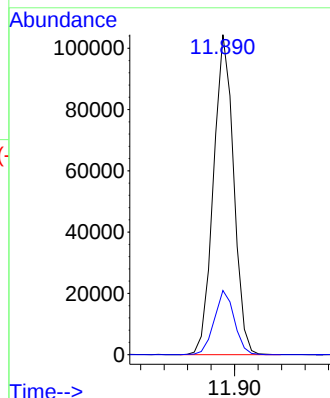
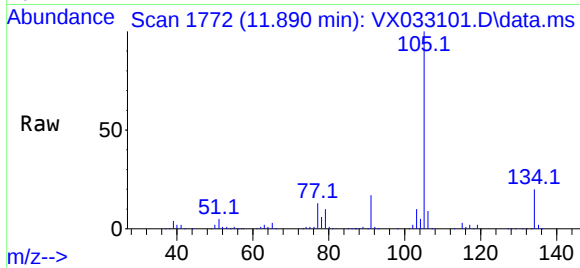




#81
sec-Butylbenzene
Concen: 20.318 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

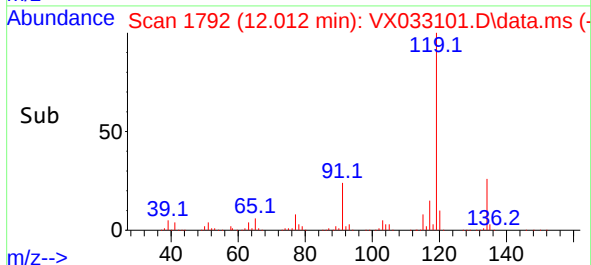
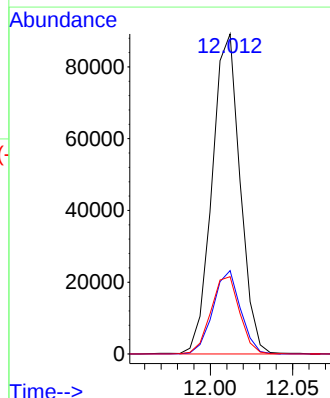
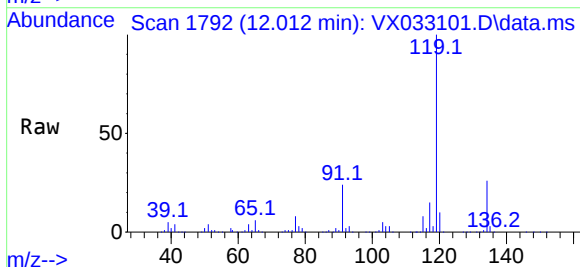
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

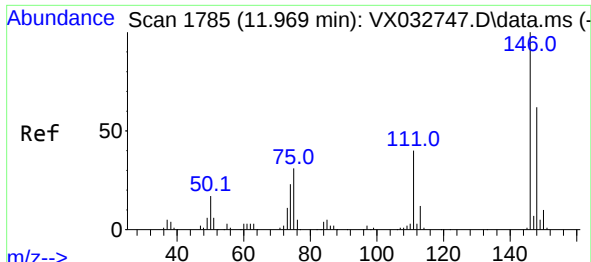
Tgt Ion:105 Resp: 124841
Ion Ratio Lower Upper
105 100
134 20.0 0.0 44.4



#82
p-Isopropyltoluene
Concen: 20.384 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion:119 Resp: 105553
Ion Ratio Lower Upper
119 100
134 25.7 0.0 55.4
91 24.9 0.0 45.6

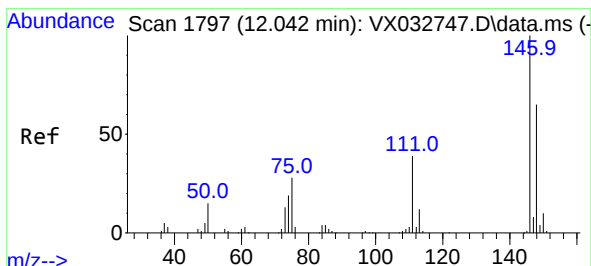
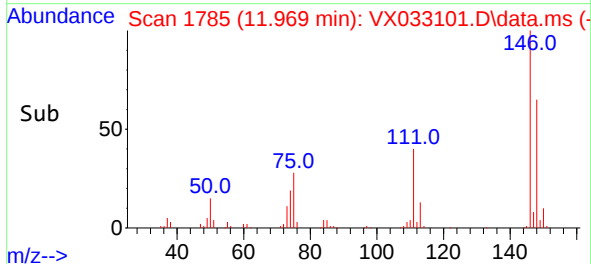
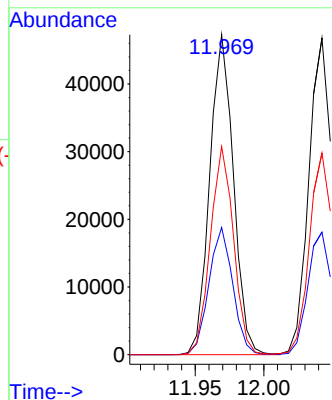
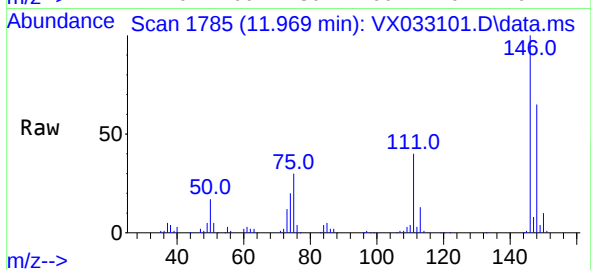




#83
1,3-Dichlorobenzene
Concen: 20.549 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

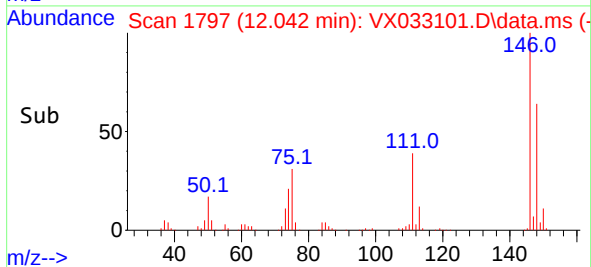
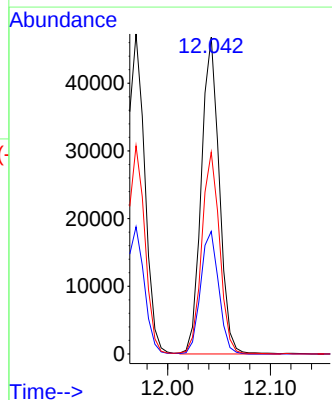
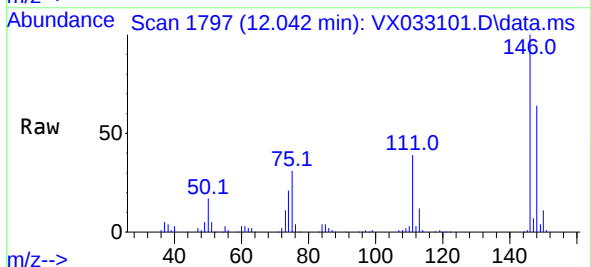
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

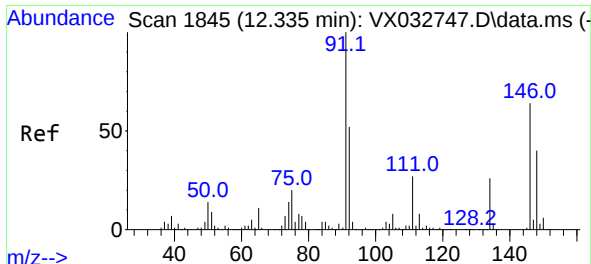
Tgt Ion:146 Resp: 56896
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.1
148 63.7 32.6 97.7



#84
1,4-Dichlorobenzene
Concen: 20.507 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion:146 Resp: 57020
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.5
148 62.6 31.6 95.0

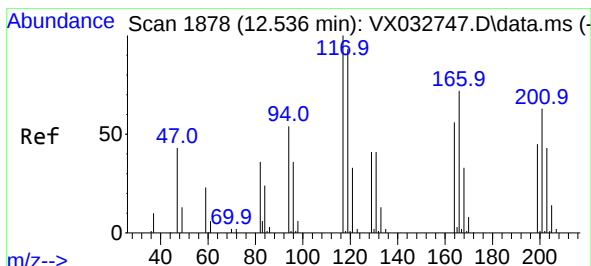
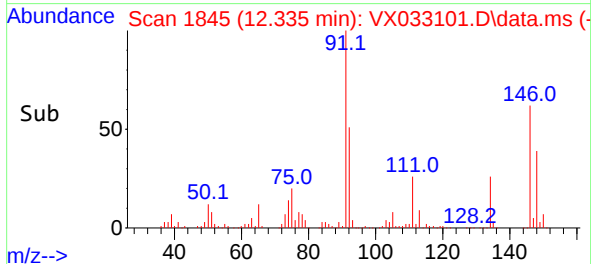
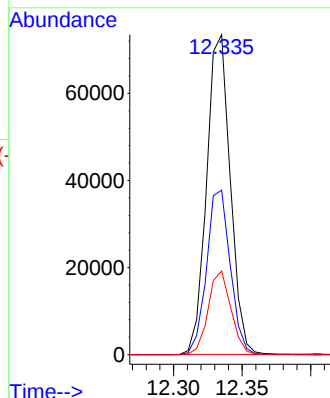
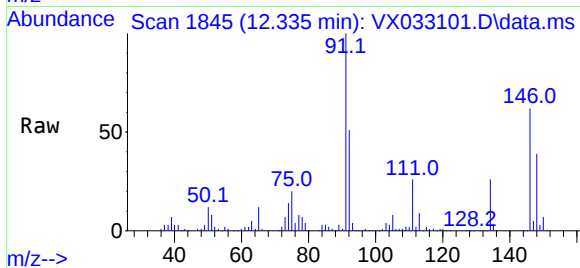




#85
n-Butylbenzene
Concen: 20.093 ug/l
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

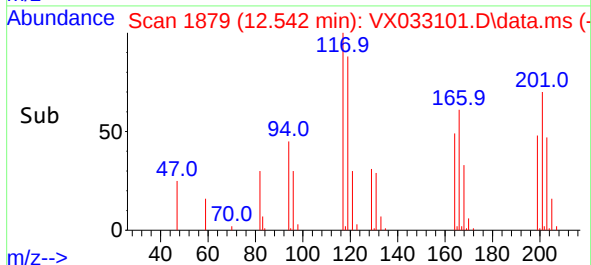
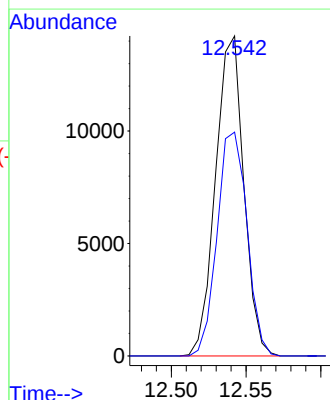
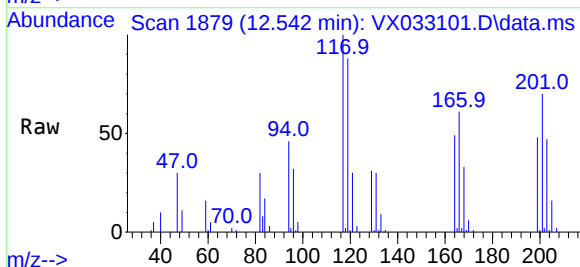
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

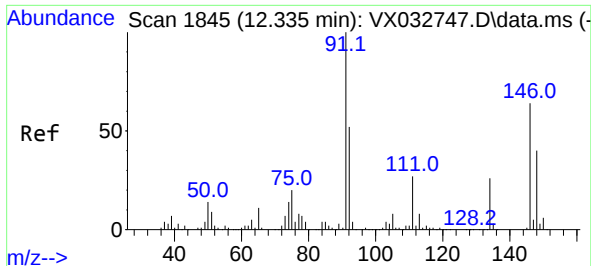
Tgt Ion: 91 Resp: 88188
Ion Ratio Lower Upper
91 100
92 51.7 0.0 108.4
134 25.3 0.0 60.6



#86
Hexachloroethane
Concen: 22.007 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 117 Resp: 18708
Ion Ratio Lower Upper
117 100
201 73.9 37.7 113.1

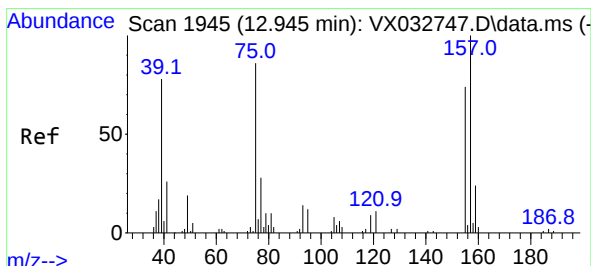
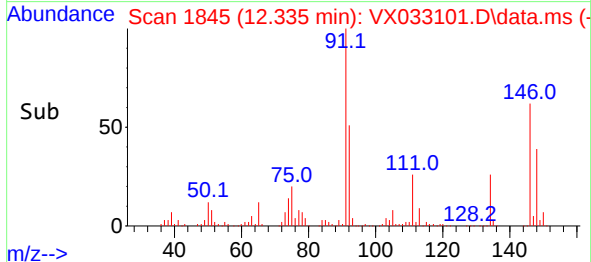
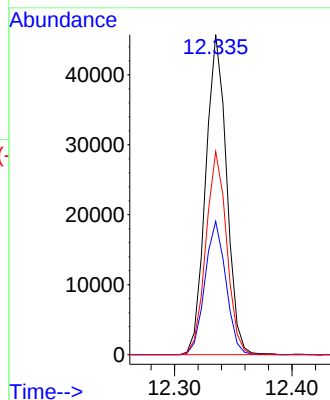
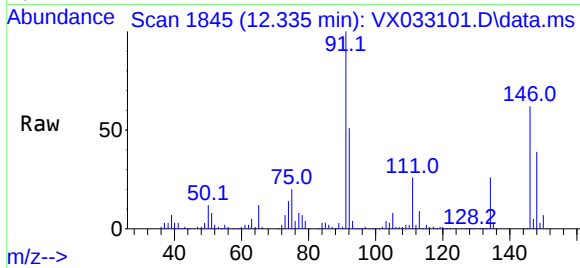




#87
1,2-Dichlorobenzene
Concen: 20.509 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

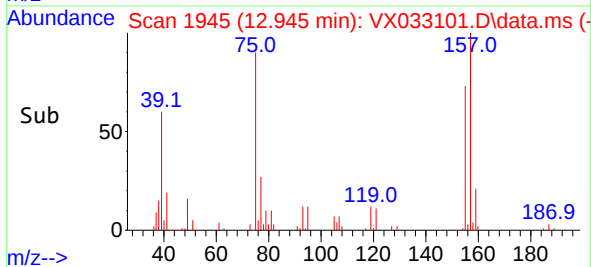
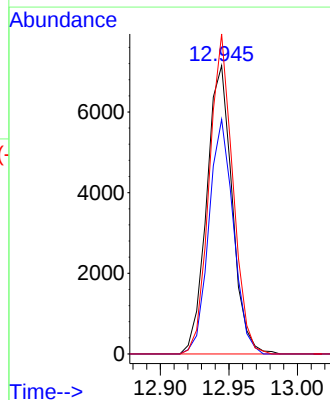
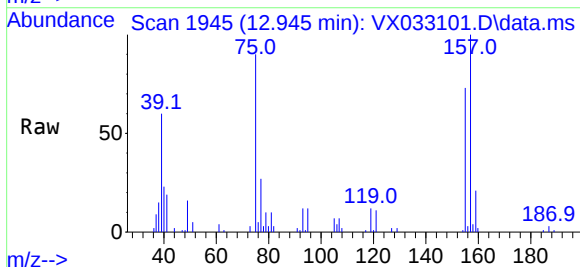
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

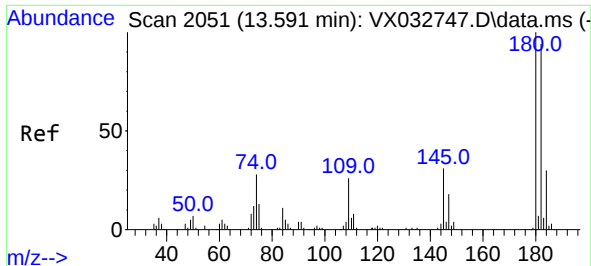
Tgt Ion:146 Resp: 56451
Ion Ratio Lower Upper
146 100
111 41.7 20.0 60.0
148 63.0 33.0 99.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 23.087 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion: 75 Resp: 9228
Ion Ratio Lower Upper
75 100
155 78.2 85.0 127.6#
157 102.6 101.0 151.6





#89

1,2,4-Trichlorobenzene

Concen: 19.788 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

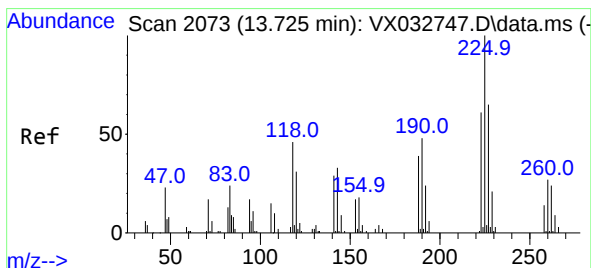
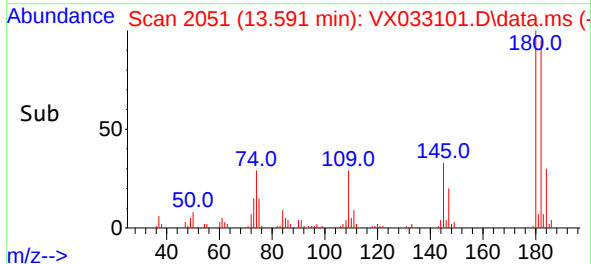
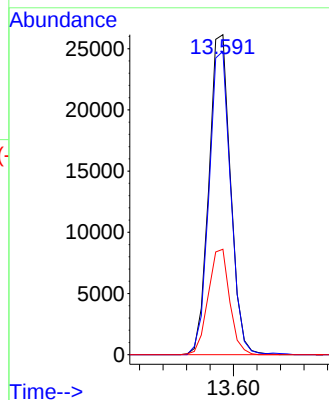
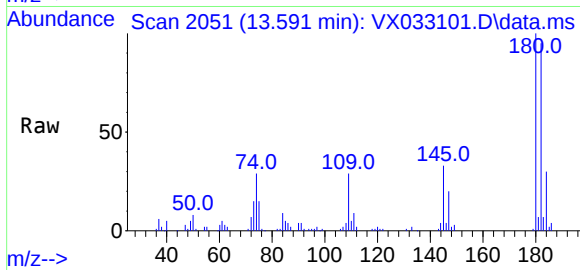
Tgt Ion:180 Resp: 33450

Ion Ratio Lower Upper

180 100

182 94.7 75.3 112.9

145 32.7 25.9 38.9



#90

Hexachlorobutadiene

Concen: 21.223 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033101.D

Acq: 28 Nov 2022 20:05

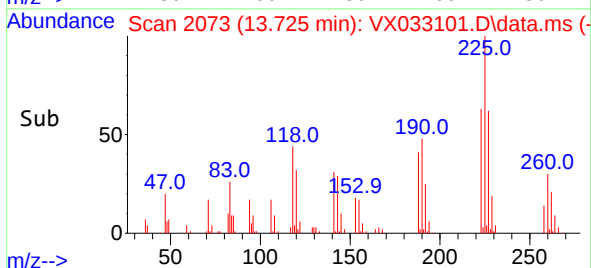
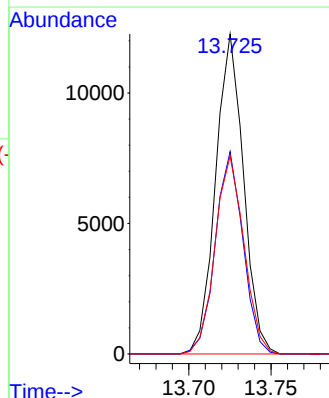
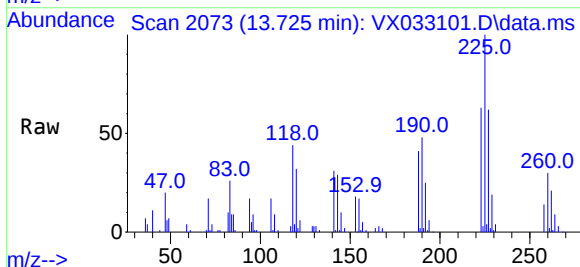
Tgt Ion:225 Resp: 14440

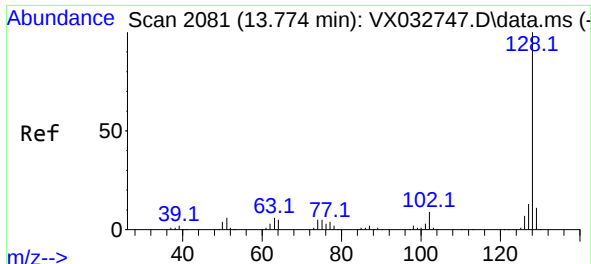
Ion Ratio Lower Upper

225 100

223 62.8 0.0 126.0

227 64.1 0.0 127.6

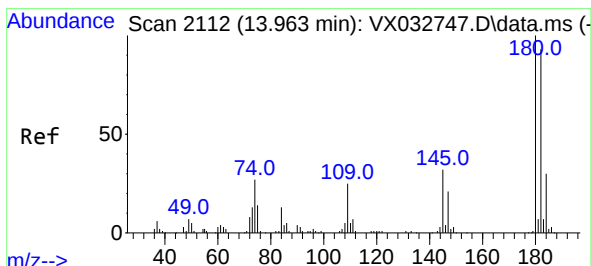
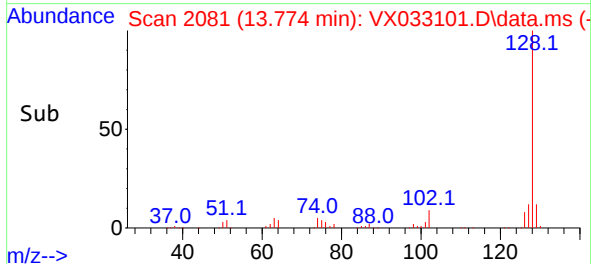
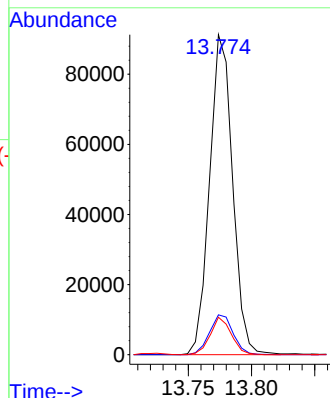
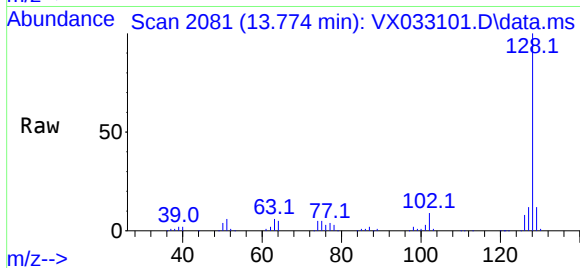




#91
Naphthalene
Concen: 20.252 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 115549
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 10.7 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 19.871 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033101.D
Acq: 28 Nov 2022 20:05

Tgt Ion:180 Resp: 33785
Ion Ratio Lower Upper
180 100
182 95.6 0.0 199.0
145 34.6 0.0 68.2

