

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023837.D
 Acq On : 19 Aug 2021 12:05
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 20 06:32:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	123246	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	114271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22441	4.660	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.673	69	28035	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.313	63	72010	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.465	46	88043	45.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.180%
24) Chloroform-d	5.068	84	80491	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.971	65	40081	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.983	84	151401	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	7.318	67	47325	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	8.653	98	143576	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.952	79	13781	4.997	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	9.391	63	71548	47.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32028	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.323	152	54135	4.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	65004	5.397	ug/L	100
3) Chloromethane	1.295	50	52920	5.363	ug/L	97
5) Vinyl chloride	1.374	62	54735	5.404	ug/L	99
6) Bromomethane	1.612	94	34966	5.489	ug/L	99
8) Chloroethane	1.691	64	31413	5.114	ug/L	96
9) Trichlorofluoromethane	1.892	101	84297	5.361	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	46596	5.419	ug/L	97
12) 1,1-Dichloroethene	2.319	96	42203	5.181	ug/L	91
13) Acetone	2.386	43	60996	50.163	ug/L	92
14) Carbon disulfide	2.514	76	114733	5.243	ug/L	99
15) Methyl Acetate	2.709	43	16843	5.218	ug/L	92
16) Methylene chloride	2.794	84	46826	4.344	ug/L	92
17) Methyl tert-butyl Ether	3.123	73	93522	5.151	ug/L	# 95
18) trans-1,2-Dichloroethene	3.099	96	45632	5.417	ug/L	99
19) 1,1-Dichloroethane	3.617	63	80462	5.336	ug/L	97
21) 2-Butanone	4.568	43	103191	50.744	ug/L	94
22) cis-1,2-Dichloroethene	4.501	96	48962	5.416	ug/L	99
23) Bromochloromethane	4.910	128	20646	5.312	ug/L	95
25) Chloroform	5.105	83	84561	5.230	ug/L	98

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Quant Time: Aug 20 06:32:59 2021
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 Response via : Initial Calibration

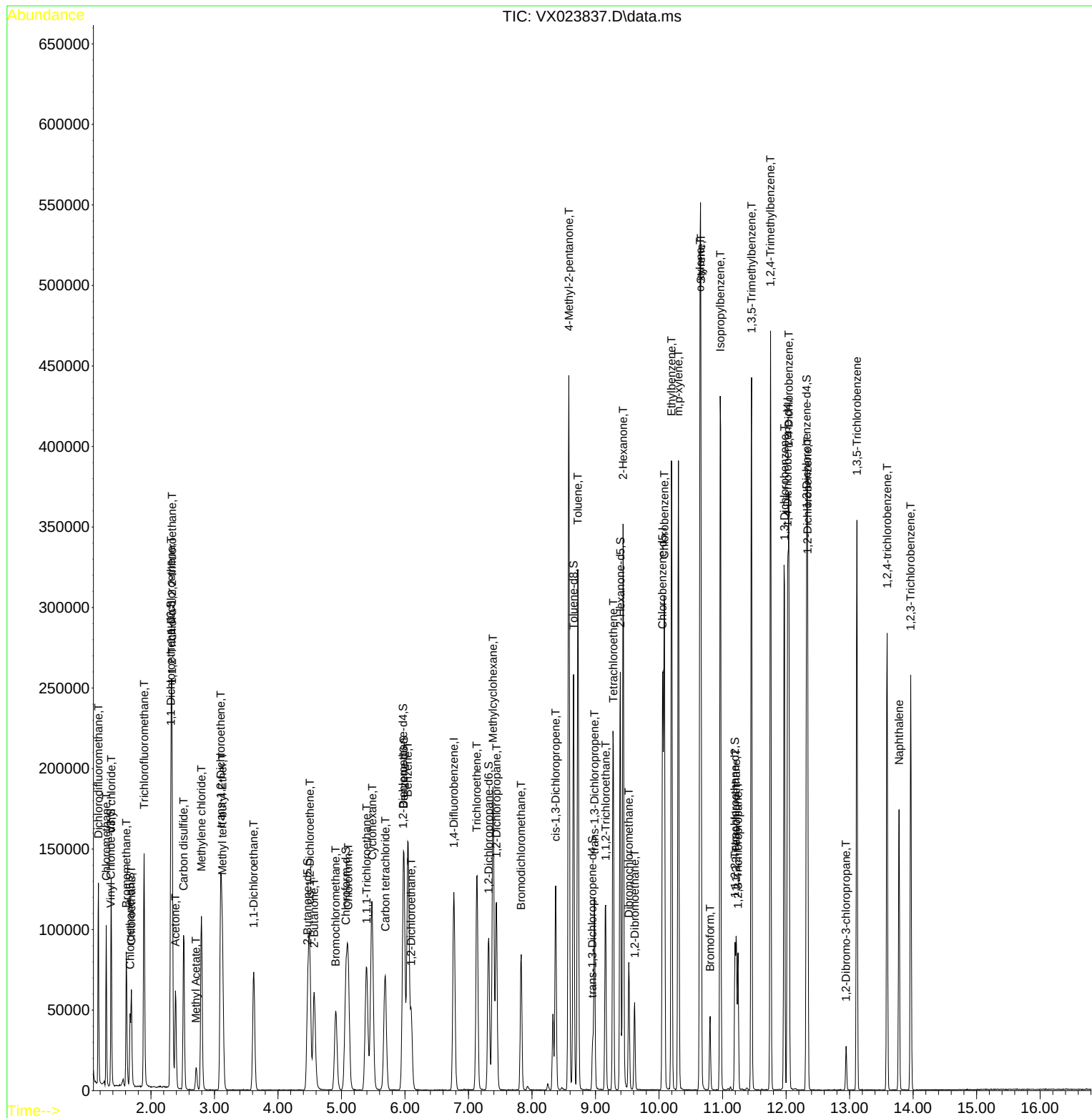
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	52493	5.295	ug/L	96
29) 1,1,1-Trichloroethane	5.397	97	74739	5.417	ug/L	98
30) Cyclohexane	5.483	56	74858	5.419	ug/L	98
31) Carbon tetrachloride	5.690	117	63942	5.393	ug/L	99
33) Benzene	6.044	78	183320	5.385	ug/L	100
34) Trichloroethene	7.129	95	49684	5.315	ug/L	99
35) Methylcyclohexane	7.385	83	82066	5.687	ug/L	96
37) 1,2-Dichloropropane	7.440	63	44998	5.305	ug/L	98
38) Bromodichloromethane	7.830	83	52119	5.223	ug/L	99
39) cis-1,3-Dichloropropene	8.373	75	62604	5.436	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	255877	51.996	ug/L	91
42) Toluene	8.720	91	205396	5.583	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	51190	5.370	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	30696	5.294	ug/L	97
47) Tetrachloroethene	9.281	164	40923	5.451	ug/L	97
48) 2-Hexanone	9.433	43	185421	52.520	ug/L #	89
49) Dibromochloromethane	9.525	129	32216	5.189	ug/L	96
50) 1,2-Dibromoethane	9.616	107	28053	5.230	ug/L #	93
51) Chlorobenzene	10.086	112	130118	5.444	ug/L	96
52) Ethylbenzene	10.195	91	220223	5.577	ug/L	100
53) m,p-xylene	10.305	106	87093	5.566	ug/L	96
54) o-xylene	10.647	106	82710	5.515	ug/L	99
55) Styrene	10.659	104	139500	5.590	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	33971	5.175	ug/L	99
59) Bromoform	10.805	173	15635	4.954	ug/L #	96
60) Isopropylbenzene	10.964	105	223341	5.558	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	25204	5.158	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	186851	5.657	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	192502	5.717	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	104042	5.511	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	102120	5.391	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	92904	5.358	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	4720	4.890	ug/L	83
69) 1,3,5-Trichlorobenzene	13.116	180	77855	5.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	64277	5.708	ug/L	97
71) Naphthalene	13.780	128	103793	5.461	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	57548	5.565	ug/L	97

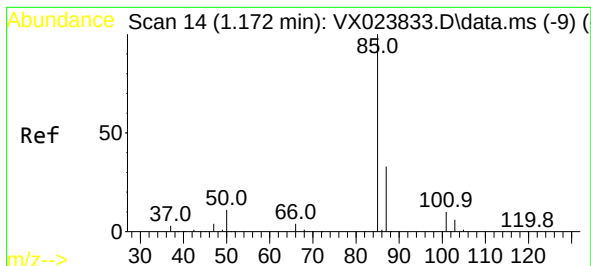
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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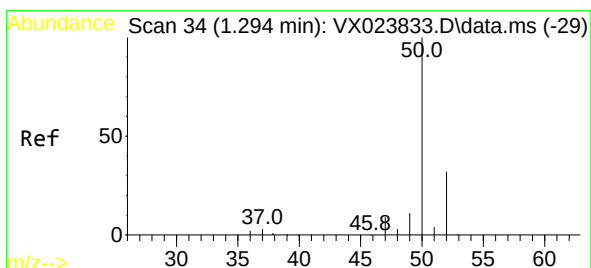
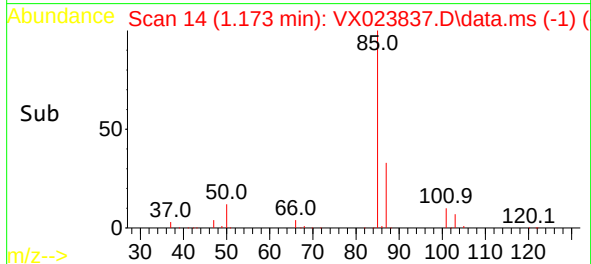
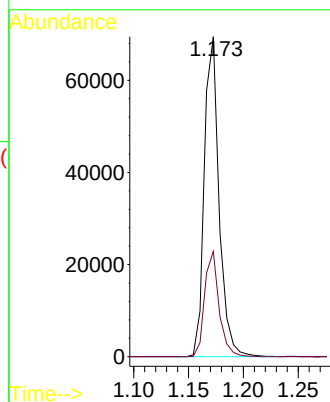
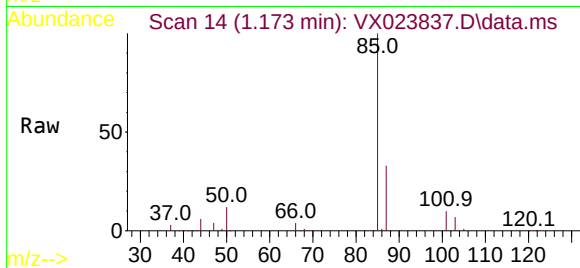




#2
Dichlorodifluoromethane
Concen: 5.397 ug/L
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

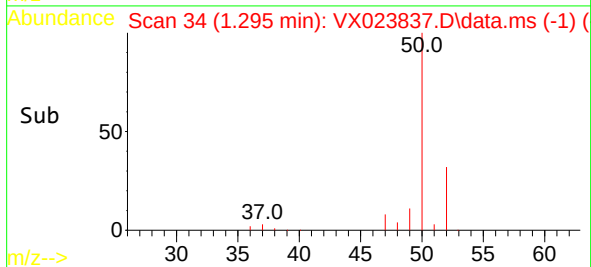
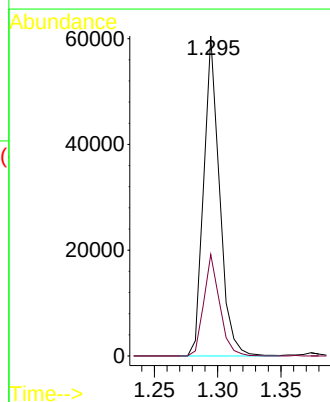
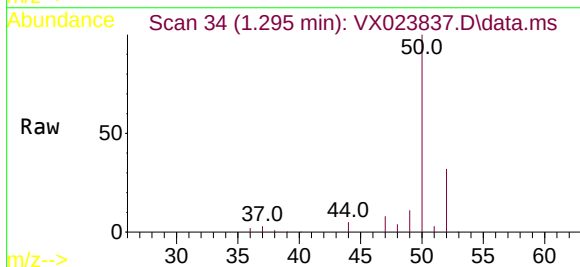
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ClientSampleId :

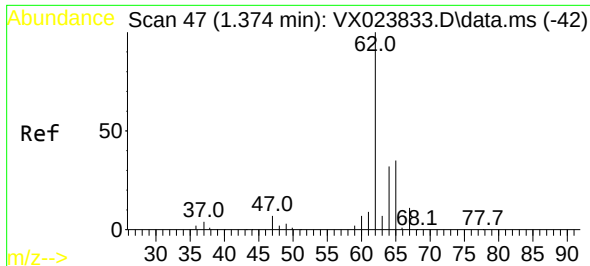
Tgt Ion: 85 Resp: 65004
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 5.363 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 50 Resp: 52920
Ion Ratio Lower Upper
50 100
52 31.7 23.5 43.7

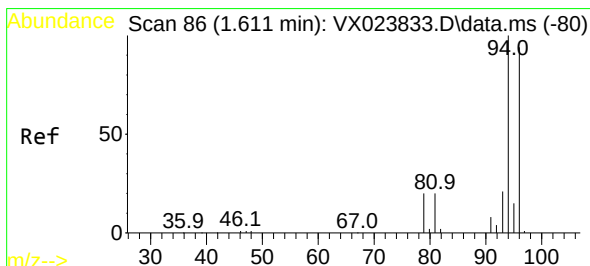
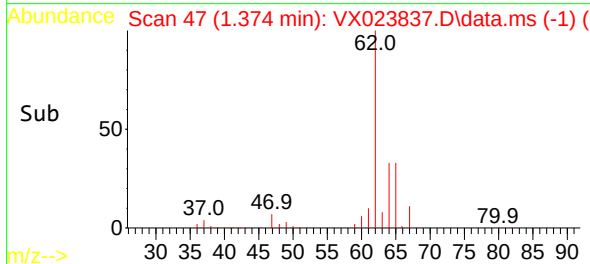
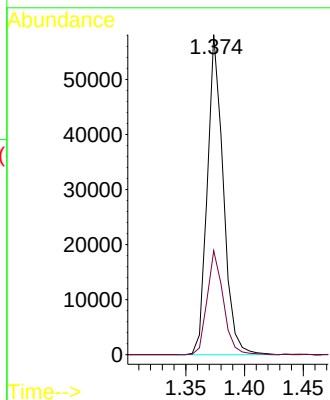
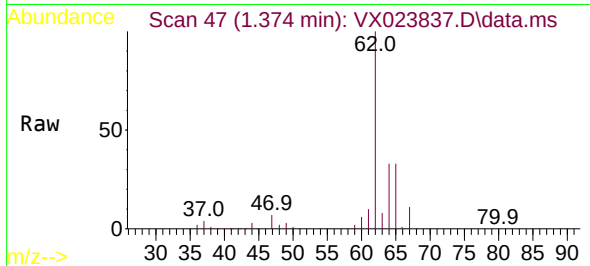




#5
 Vinyl chloride
 Concen: 5.404 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX023837.D
 Acq: 19 Aug 2021 12:05

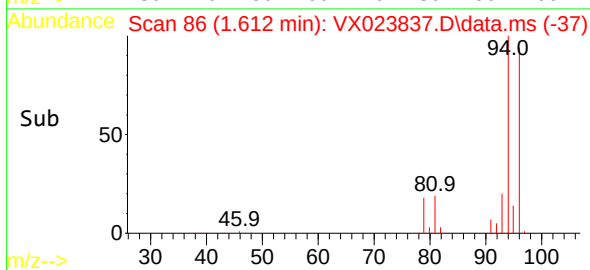
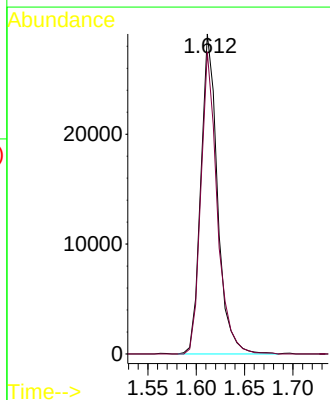
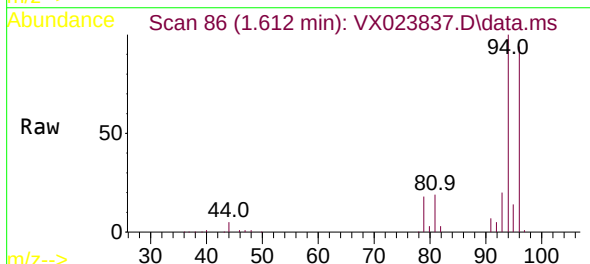
Instrument :
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 ClientSampled :

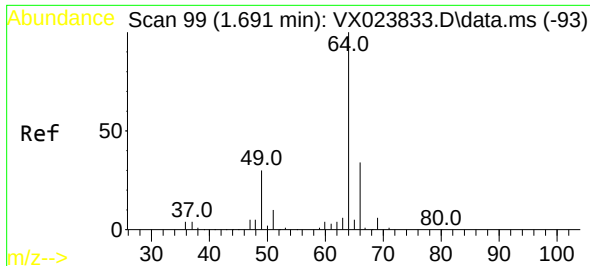
Tgt Ion: 62 Resp: 54735
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.489 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX023837.D
 Acq: 19 Aug 2021 12:05

Tgt Ion: 94 Resp: 34966
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.7 121.9

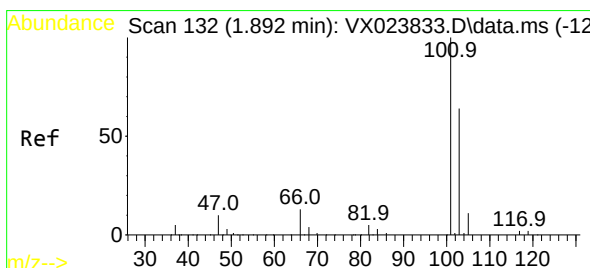
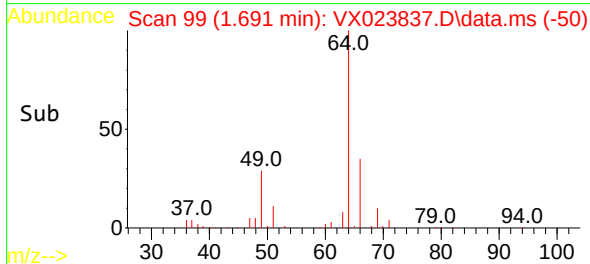
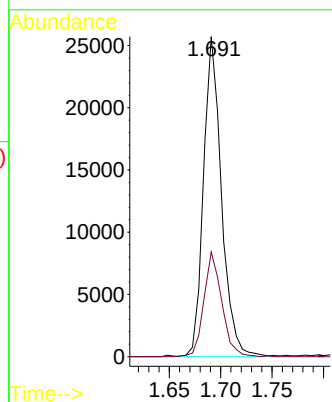
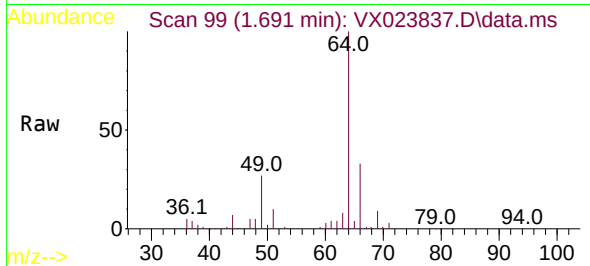




#8
Chloroethane
Concen: 5.114 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

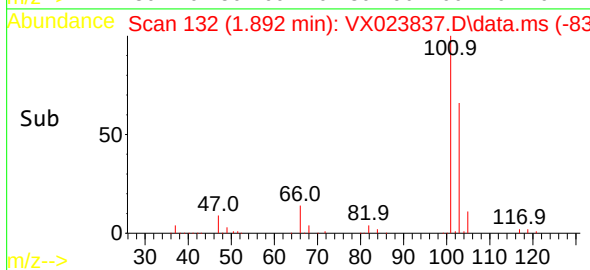
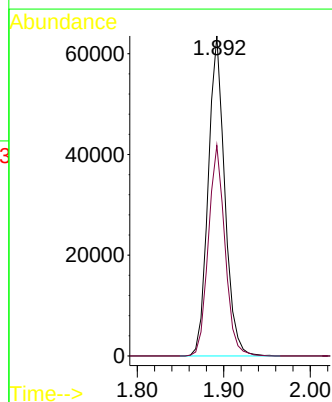
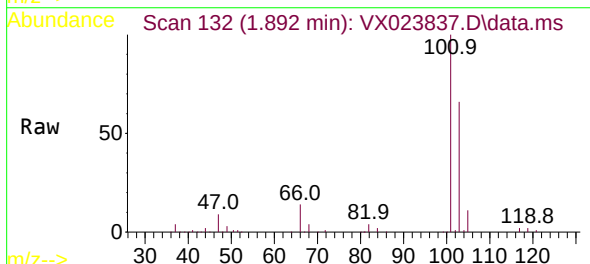
Instrument :
MSVOA_X
ClientSampled :

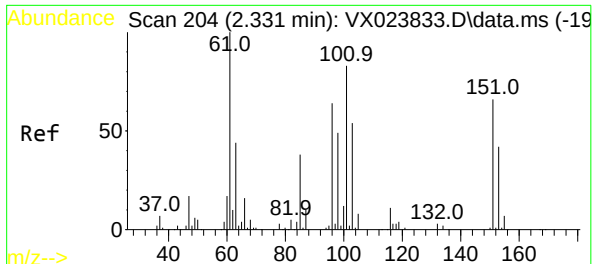
Tgt Ion: 64 Resp: 31413
Ion Ratio Lower Upper
64 100
66 32.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.361 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 101 Resp: 84297
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.6

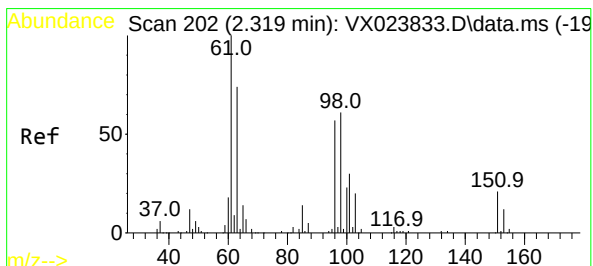
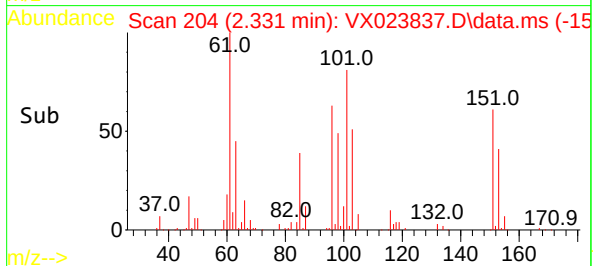
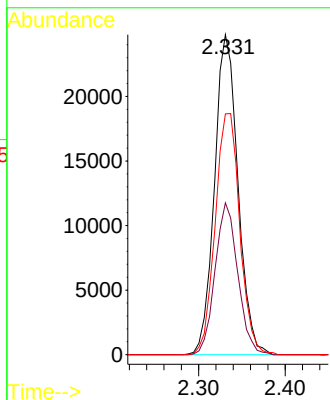
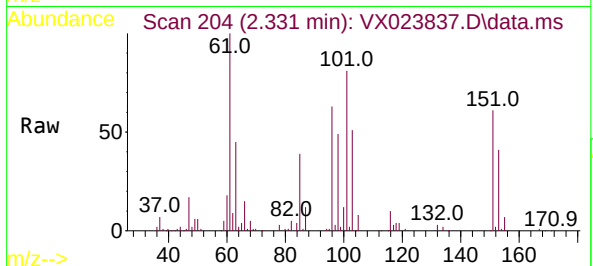




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.419 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

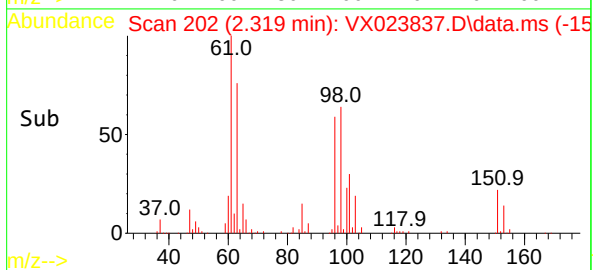
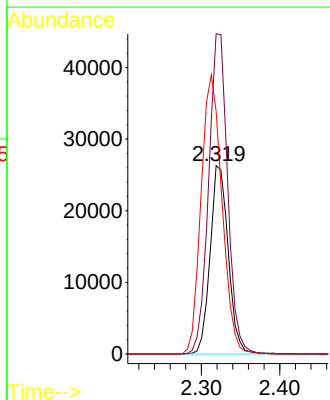
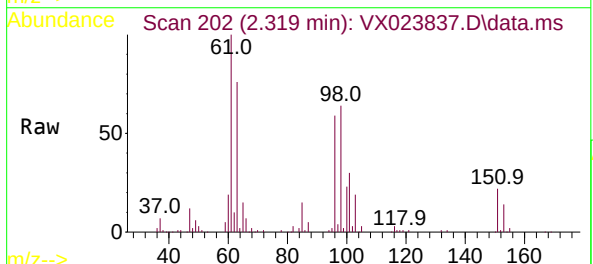
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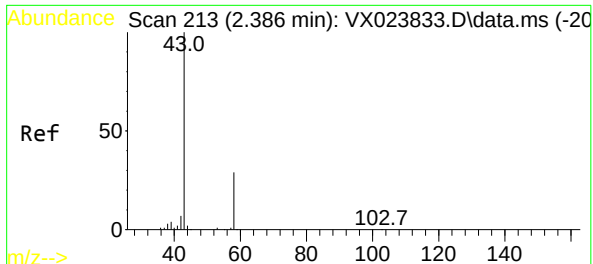
Tgt Ion:101 Resp: 46596
Ion Ratio Lower Upper
101 100
85 45.9 34.9 52.3
151 79.0 61.0 91.6



#12
1,1-Dichloroethene
Concen: 5.181 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 96 Resp: 42203
Ion Ratio Lower Upper
96 100
61 169.9 118.2 219.6
63 128.9 74.2 137.8

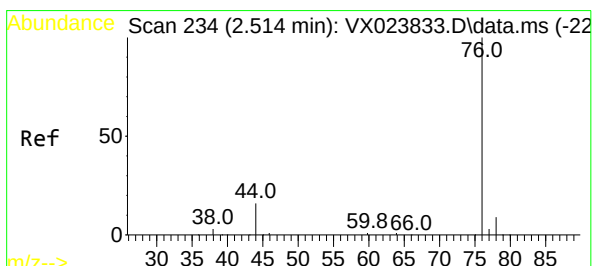
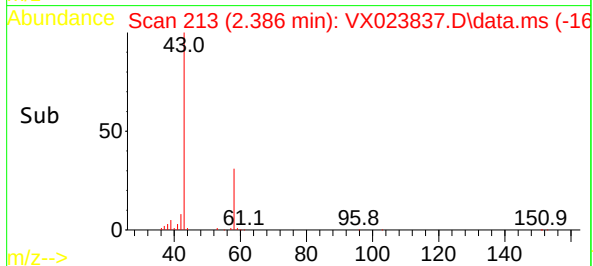
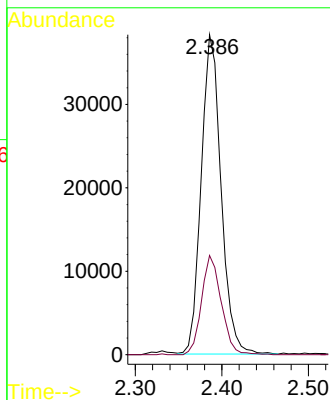
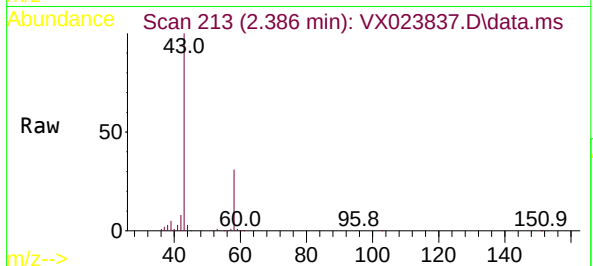




#13
Acetone
Concen: 50.163 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

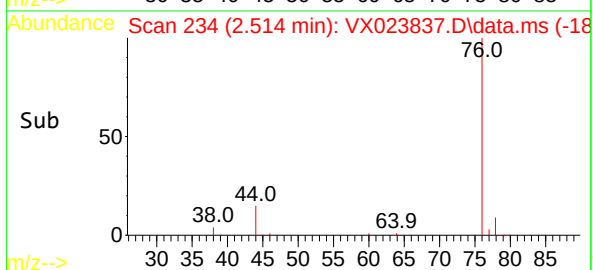
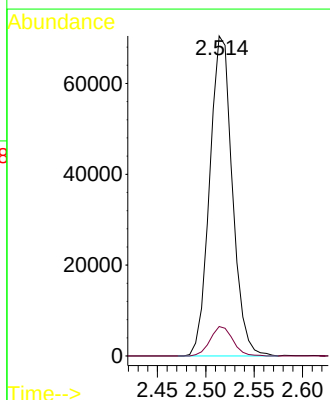
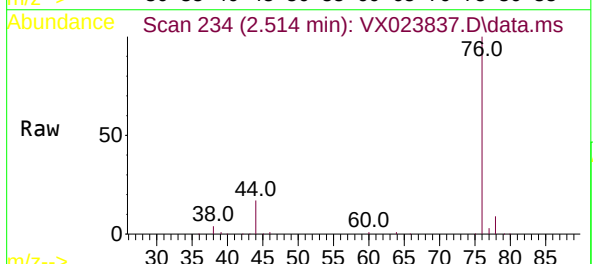
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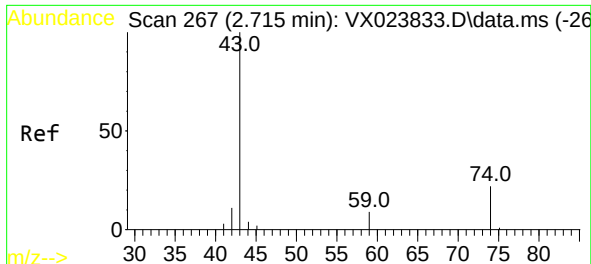
Tgt Ion: 43 Resp: 60996
Ion Ratio Lower Upper
43 100
58 30.8 0.0 70.4



#14
Carbon disulfide
Concen: 5.243 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 114733
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

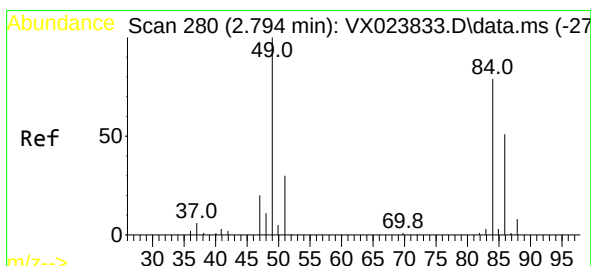
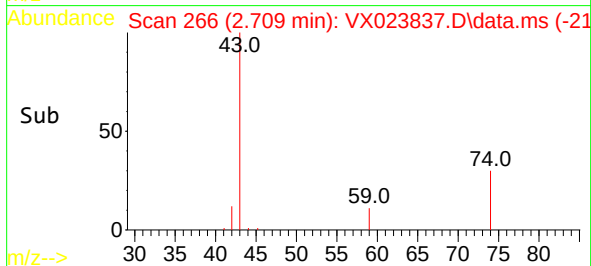
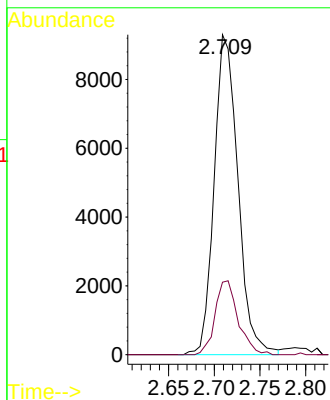
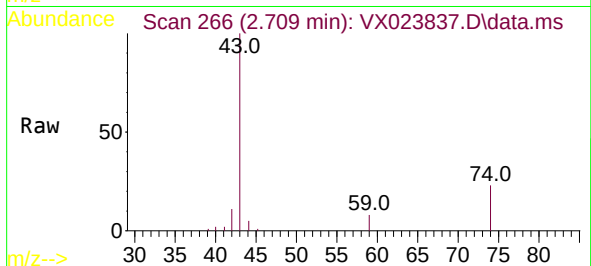




#15
Methyl Acetate
Concen: 5.218 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

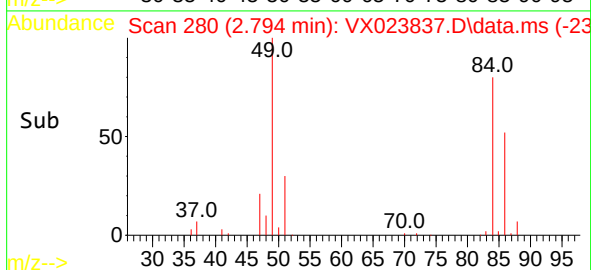
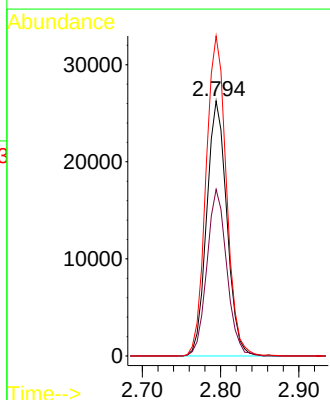
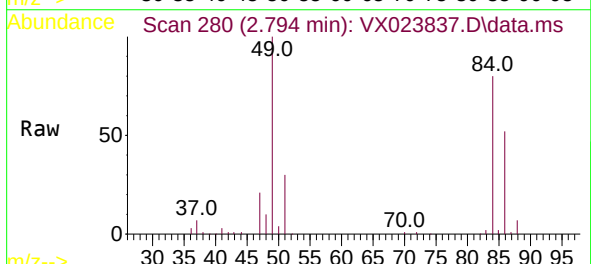
Instrument :
MSVOA_X
ClientSampled :

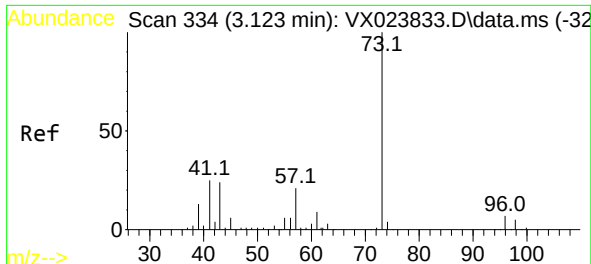
Tgt Ion: 43 Resp: 16843
Ion Ratio Lower Upper
43 100
74 22.3 21.1 31.7



#16
Methylene chloride
Concen: 4.344 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 84 Resp: 46826
Ion Ratio Lower Upper
84 100
86 65.3 44.6 82.8
49 125.5 79.5 147.6

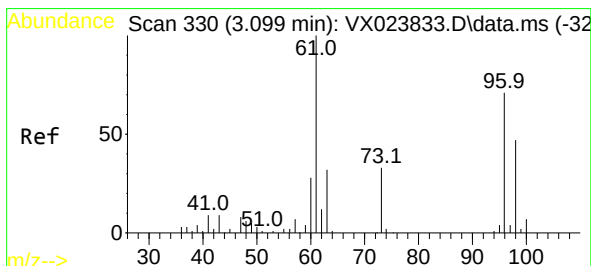
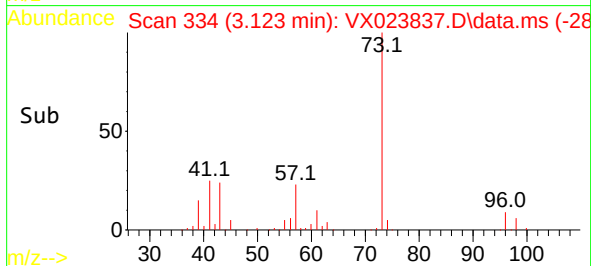
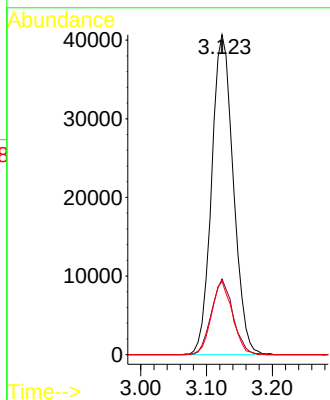
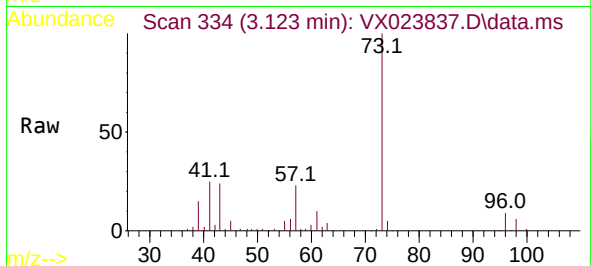




#17
Methyl tert-butyl Ether
Concen: 5.151 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

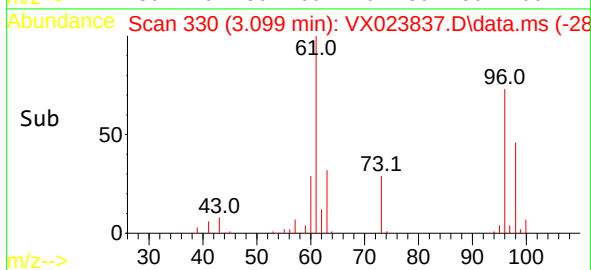
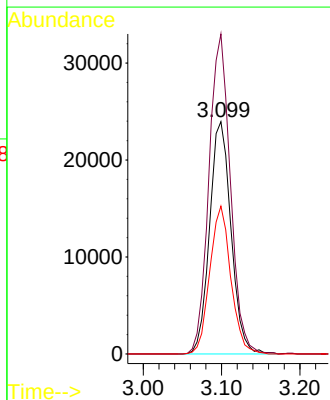
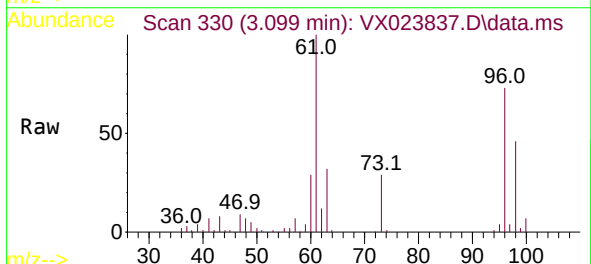
Instrument :
MSVOA_X
ClientSampled :

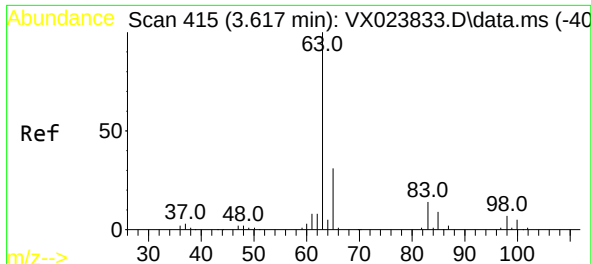
Tgt Ion: 73 Resp: 93522
Ion Ratio Lower Upper
73 100
43 23.3 15.1 22.7#
57 22.2 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.417 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 96 Resp: 45632
Ion Ratio Lower Upper
96 100
61 137.7 95.4 177.2
98 63.6 44.2 82.2





#19

1,1-Dichloroethane

Concen: 5.336 ug/L

RT: 3.617 min Scan# 415

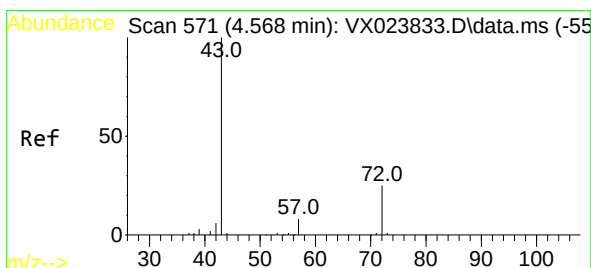
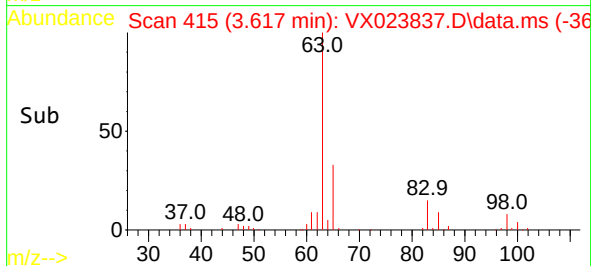
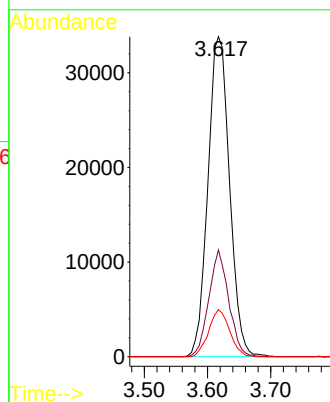
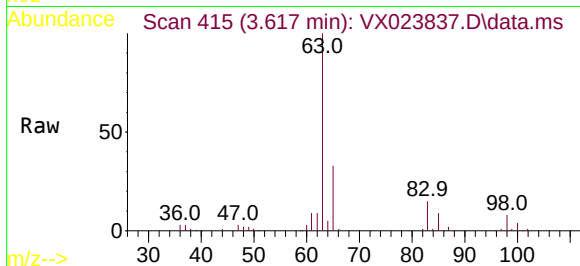
Delta R.T. 0.000 min

Lab File: VX023837.D

Acq: 19 Aug 2021 12:05

Tgt Ion:	63	Resp:	80462
Ion	Ratio	Lower	Upper
63	100		
65	33.3	21.8	40.6
83	14.7	9.6	17.8

Instrument :
MSVOA_X
ClientSampled :



#21

2-Butanone

Concen: 50.744 ug/L

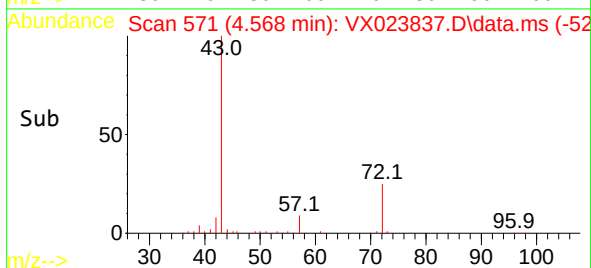
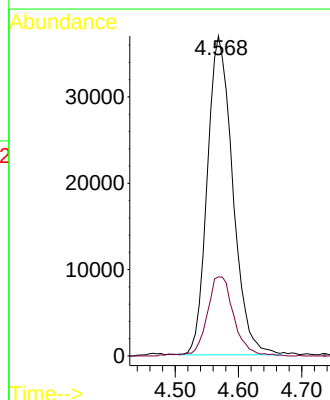
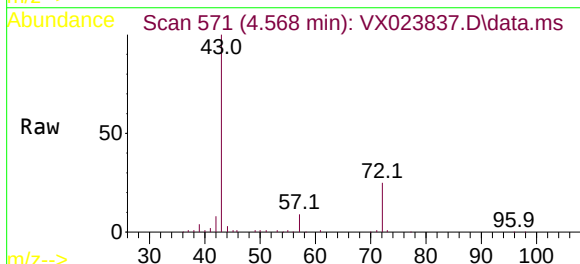
RT: 4.568 min Scan# 571

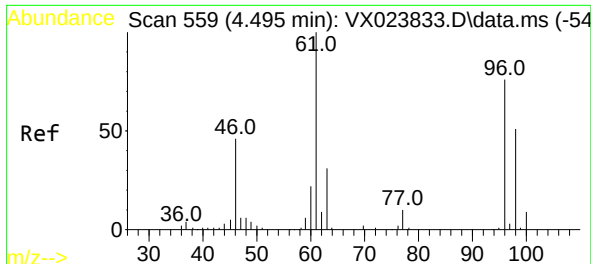
Delta R.T. 0.000 min

Lab File: VX023837.D

Acq: 19 Aug 2021 12:05

Tgt Ion:	43	Resp:	103191
Ion	Ratio	Lower	Upper
43	100		
72	26.2	14.8	44.4



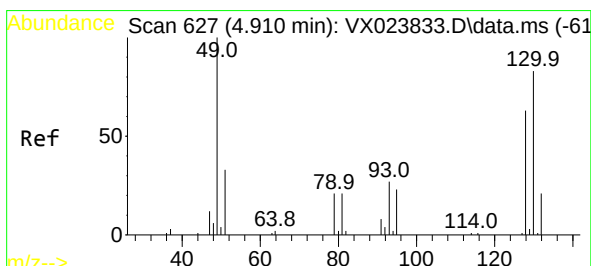
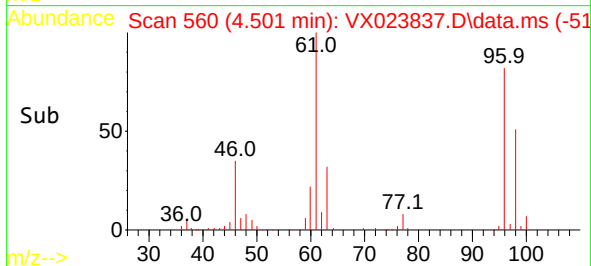
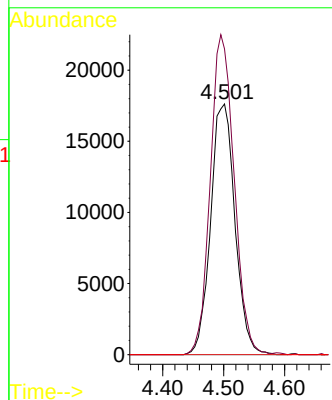
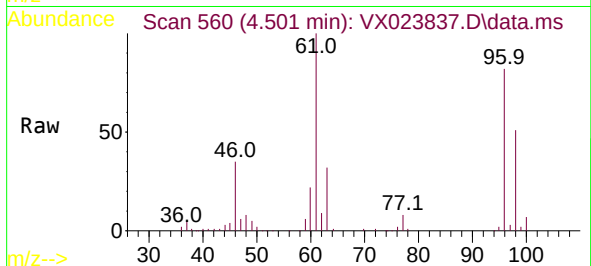


#22
 cis-1,2-Dichloroethene
 Concen: 5.416 ug/L
 RT: 4.501 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: VX023837.D
 Acq: 19 Aug 2021 12:05

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 96 Resp: 48962

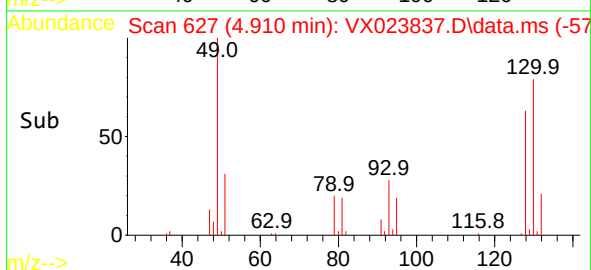
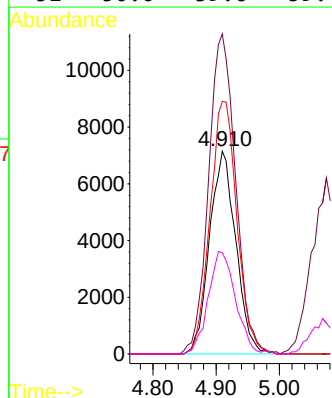
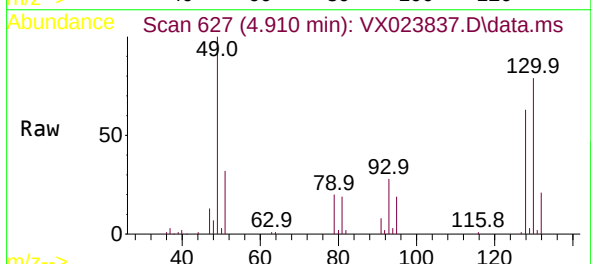
Ion	Ratio	Lower	Upper
96	100		
61	122.0	85.9	159.5
68	0.0	0.0	0.0

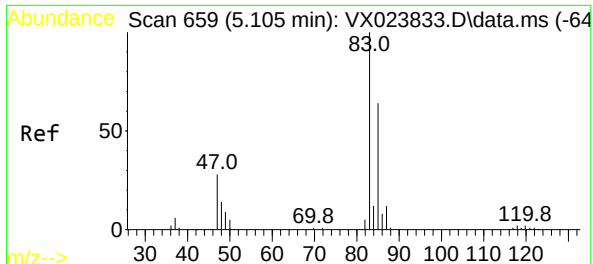


#23
 Bromochloromethane
 Concen: 5.312 ug/L
 RT: 4.910 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VX023837.D
 Acq: 19 Aug 2021 12:05

Tgt Ion: 128 Resp: 20646

Ion	Ratio	Lower	Upper
128	100		
49	157.9	103.2	191.6
130	124.6	89.1	165.5
51	50.0	39.6	59.4





#25

Chloroform

Concen: 5.230 ug/L

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX023837.D

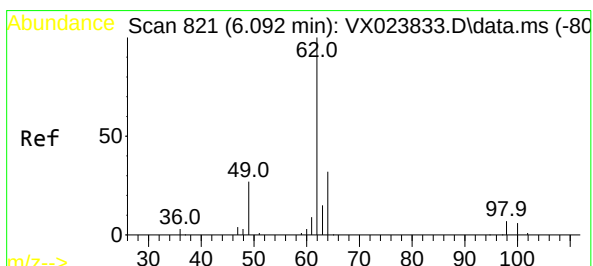
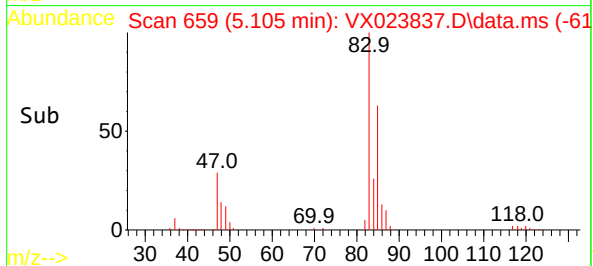
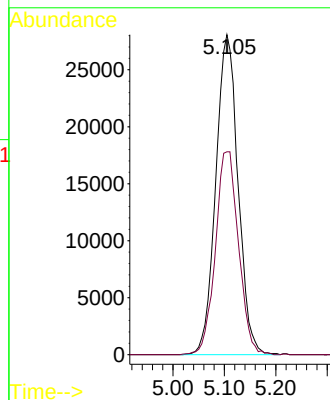
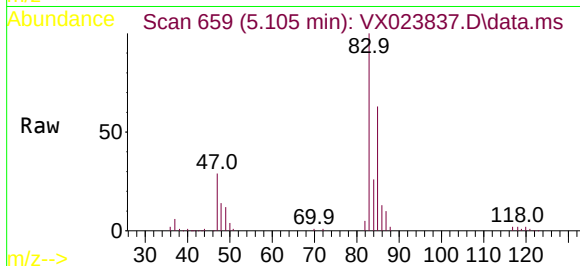
Acq: 19 Aug 2021 12:05

Tgt Ion: 83 Resp: 84561

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.8



#27

1,2-Dichloroethane

Concen: 5.295 ug/L

RT: 6.099 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX023837.D

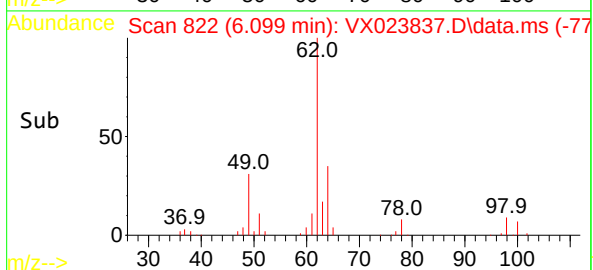
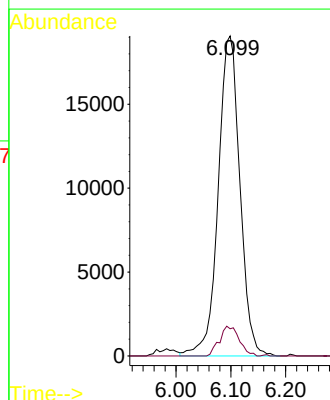
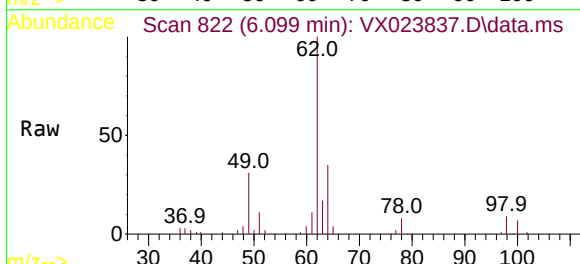
Acq: 19 Aug 2021 12:05

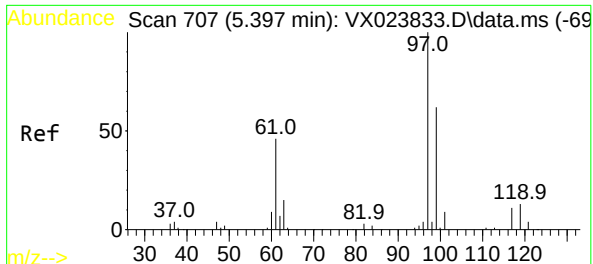
Tgt Ion: 62 Resp: 52493

Ion Ratio Lower Upper

62 100

98 8.5 7.9 11.9



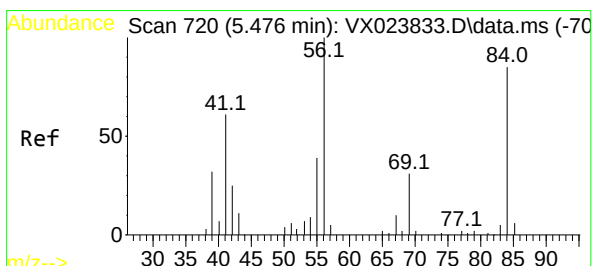
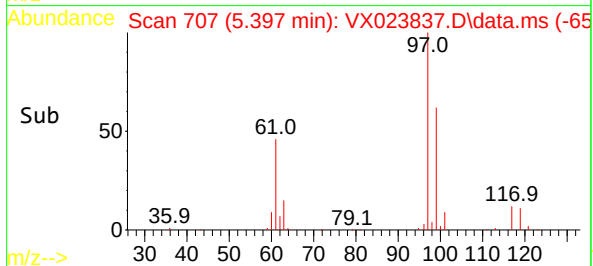
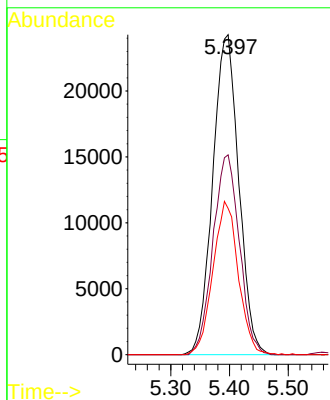
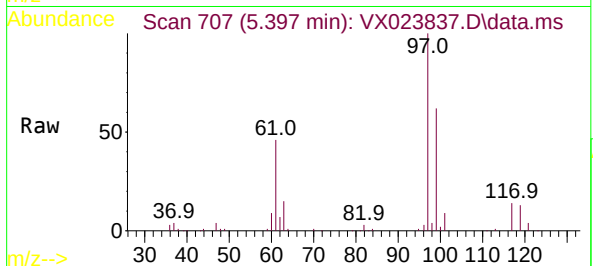


#29

1,1,1-Trichloroethane
Concen: 5.417 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Instrument :
MSVOA_X
ClientSampled :

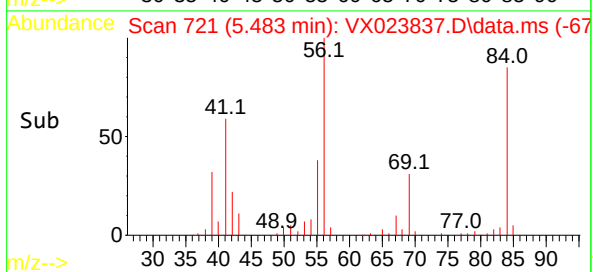
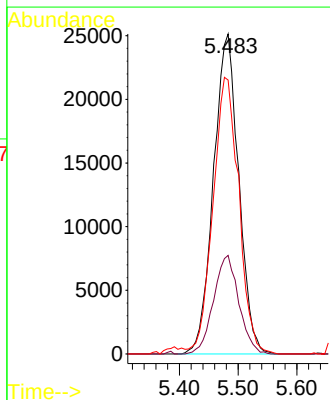
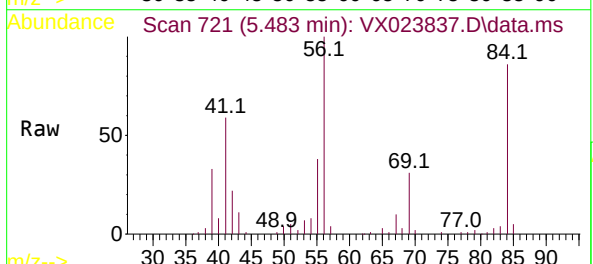
Tgt Ion:	97	Resp:	74739
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	46.7	35.3	52.9

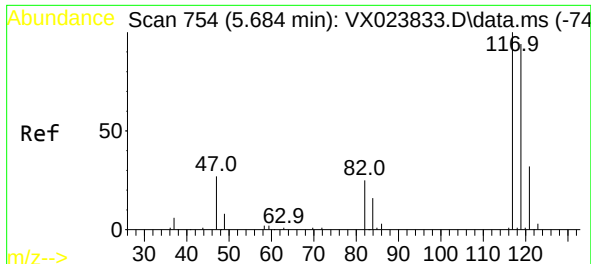


#30

Cyclohexane
Concen: 5.419 ug/L
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:	56	Resp:	74858
Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.8	38.6
84	88.7	72.4	108.6

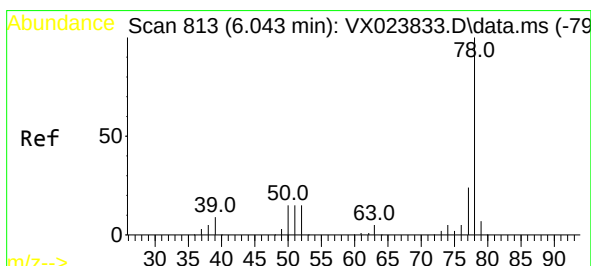
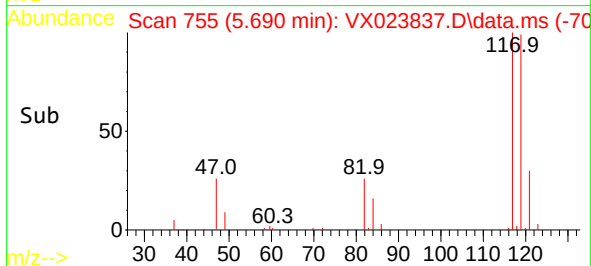
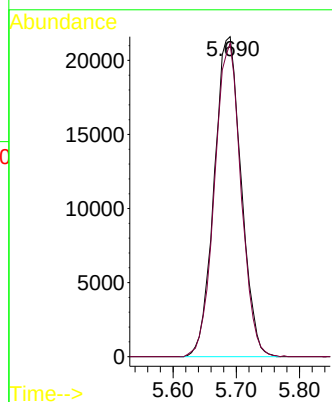
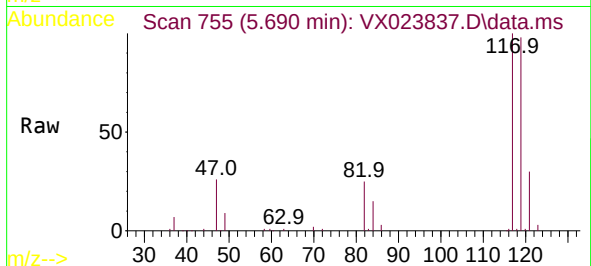




#31
Carbon tetrachloride
Concen: 5.393 ug/L
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

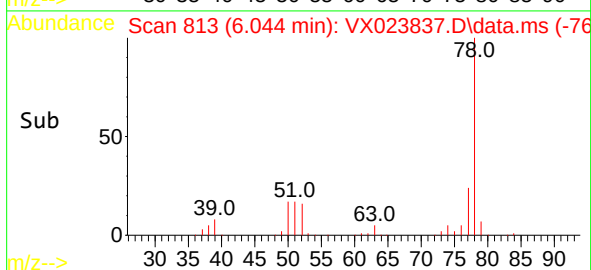
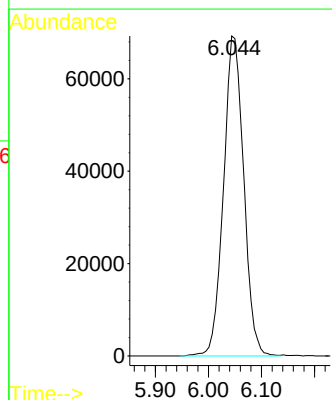
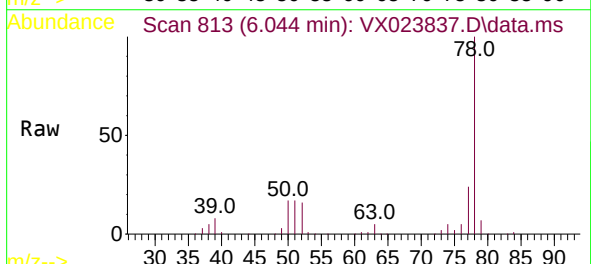
Instrument :
MSVOA_X
ClientSampled :

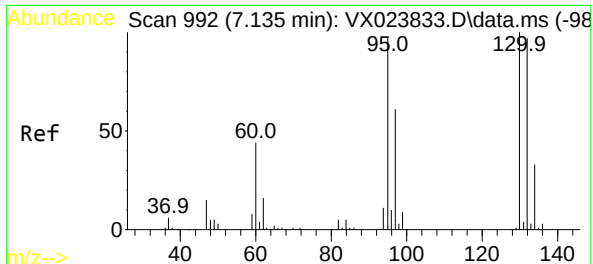
Tgt Ion:117 Resp: 63942
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#33
Benzene
Concen: 5.385 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 78 Resp: 183320

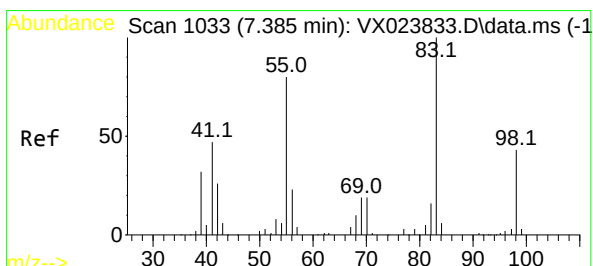
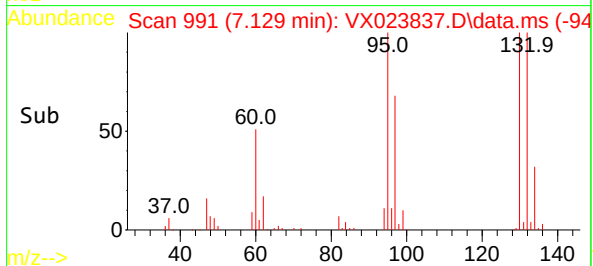
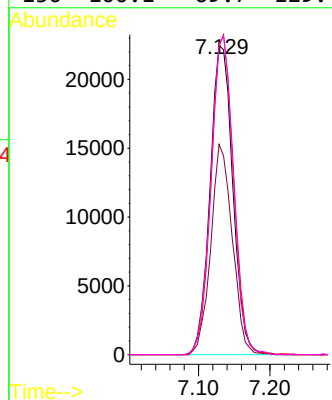
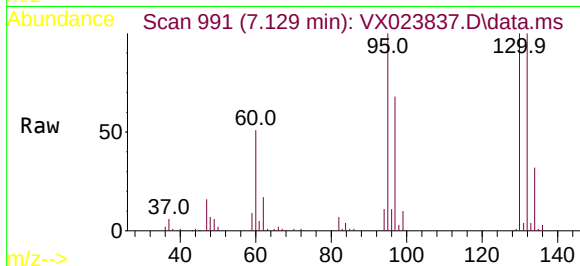




#34
Trichloroethene
Concen: 5.315 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

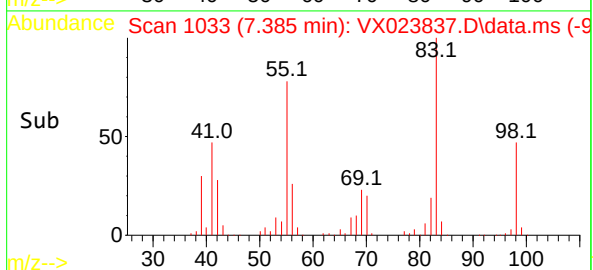
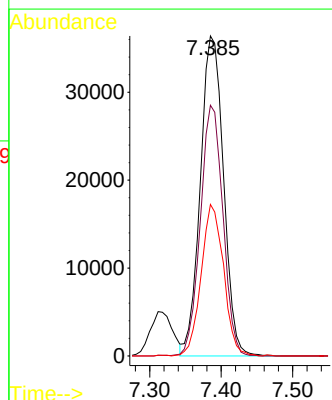
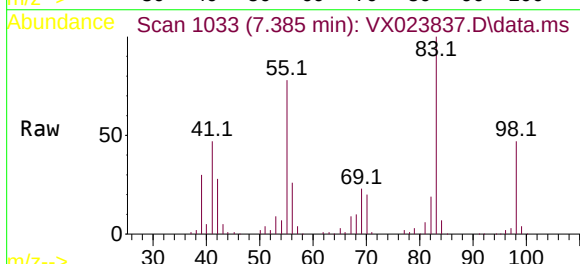
Instrument :
MSVOA_X
ClientSampleId :

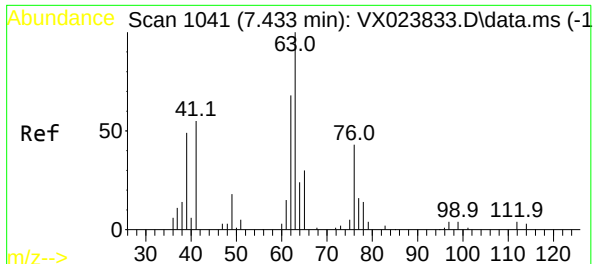
Tgt Ion: 95 Resp: 49684
Ion Ratio Lower Upper
95 100
97 67.9 46.0 85.4
132 100.0 69.0 128.1
130 100.1 69.7 129.4



#35
Methylcyclohexane
Concen: 5.687 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 83 Resp: 82066
Ion Ratio Lower Upper
83 100
55 76.3 63.4 95.0
98 45.8 39.2 58.8

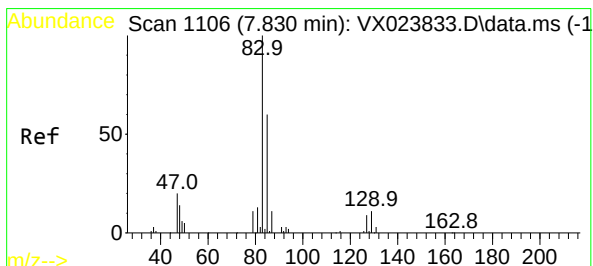
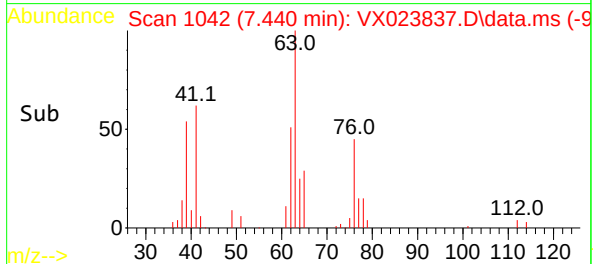
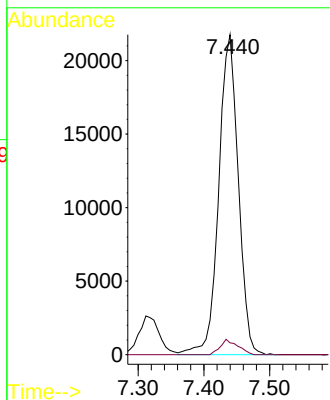
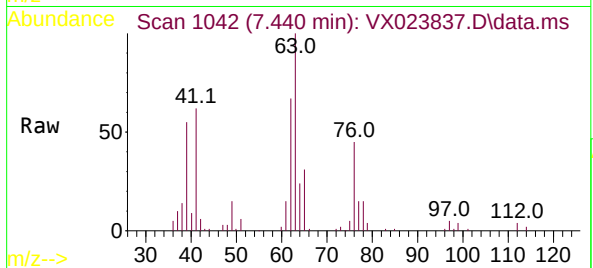




#37
1,2-Dichloropropane
Concen: 5.305 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

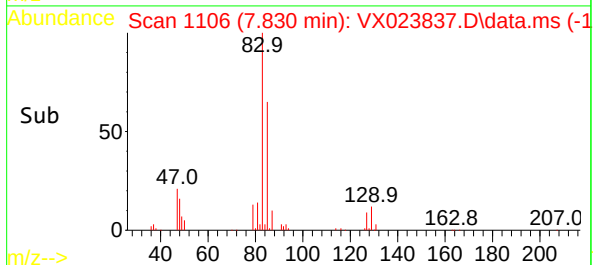
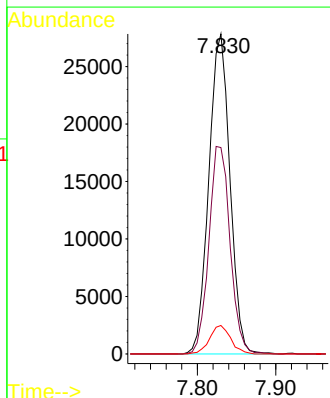
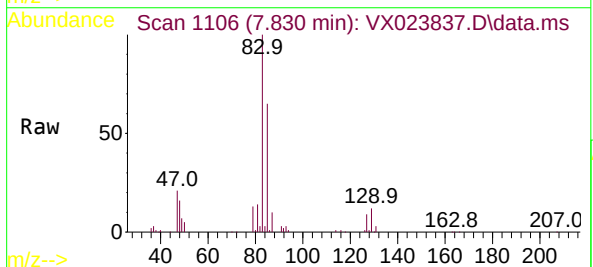
Instrument :
MSVOA_X
ClientSampled :

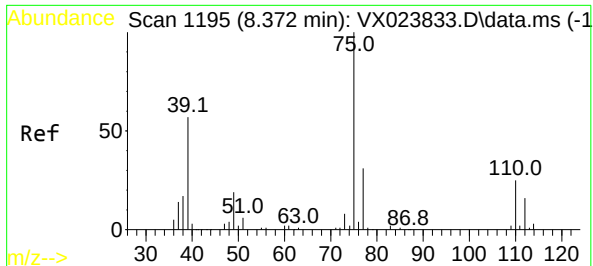
Tgt Ion: 63 Resp: 44998
Ion Ratio Lower Upper
63 100
112 4.2 3.9 5.9



#38
Bromodichloromethane
Concen: 5.223 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 83 Resp: 52119
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
127 8.9 7.0 10.4

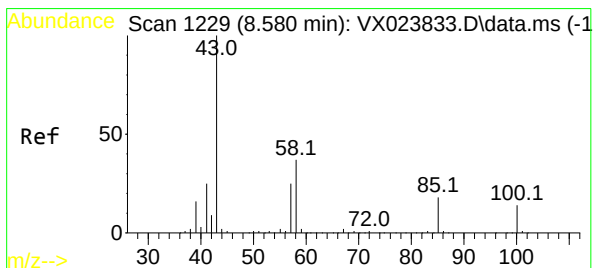
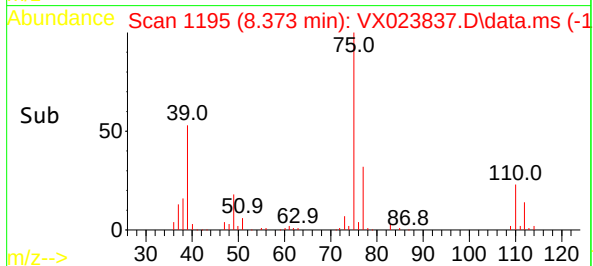
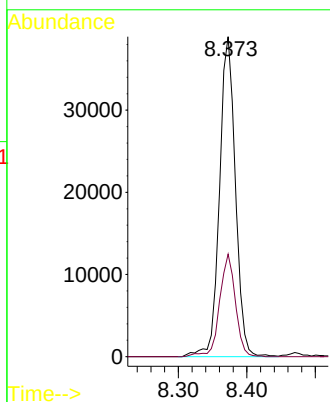
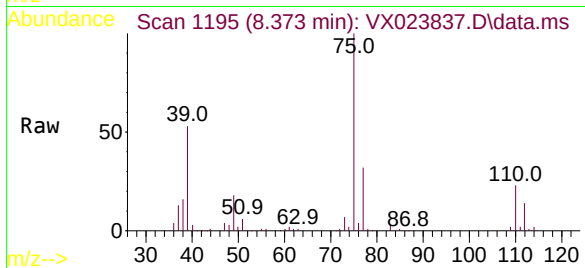




#39
cis-1,3-Dichloropropene
Concen: 5.436 ug/L
RT: 8.373 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

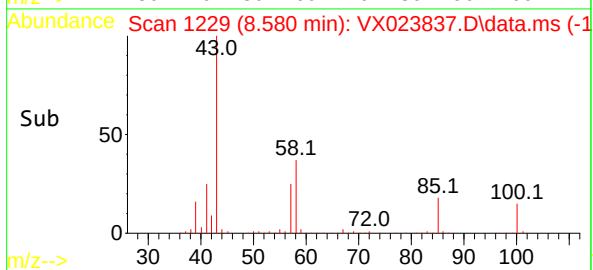
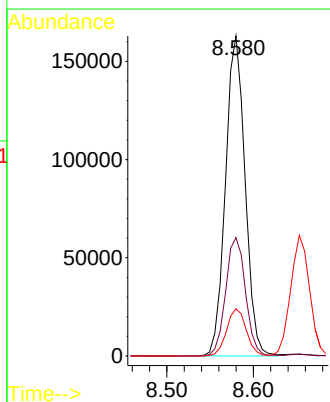
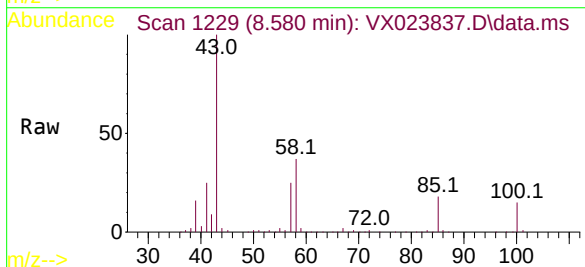
Instrument :
MSVOA_X
ClientSampled :

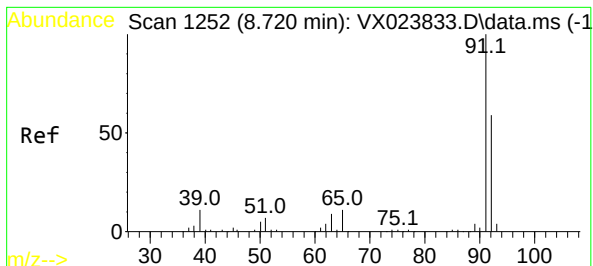
Tgt Ion: 75 Resp: 62604
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 51.996 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 43 Resp: 255877
Ion Ratio Lower Upper
43 100
58 37.5 35.0 52.4
100 14.8 14.3 21.5





#42

Toluene

Concen: 5.583 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX023837.D

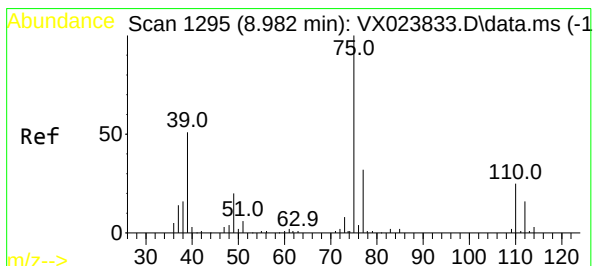
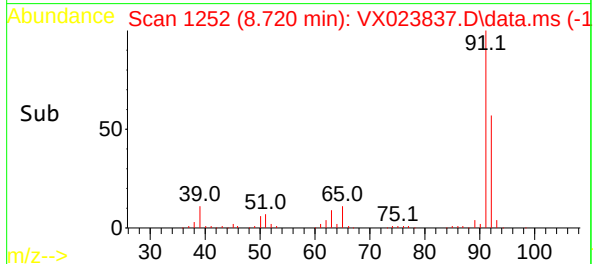
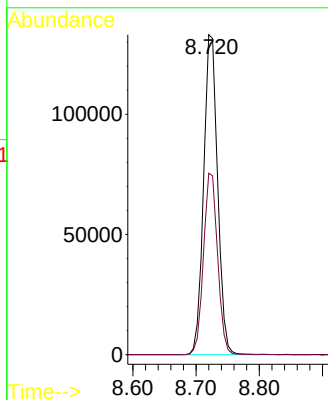
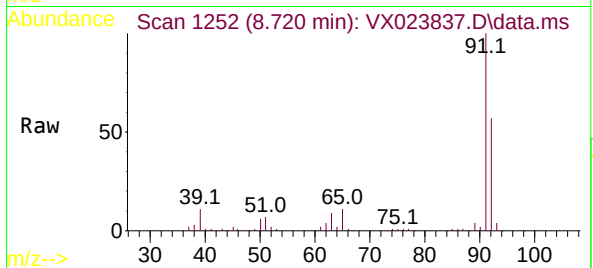
Acq: 19 Aug 2021 12:05

Tgt Ion: 91 Resp: 205396

Ion Ratio Lower Upper

91 100

92 56.7 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.370 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX023837.D

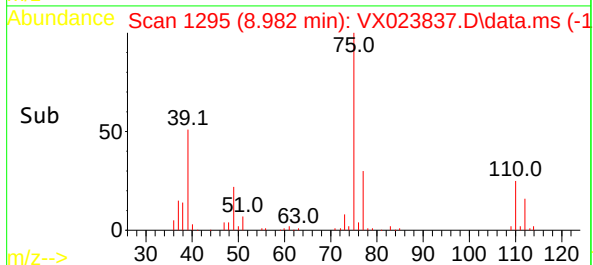
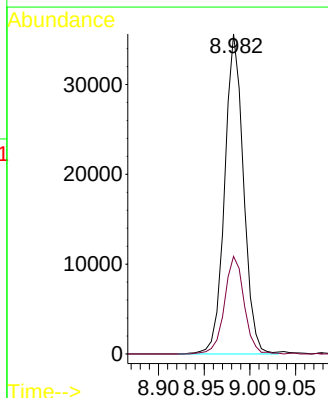
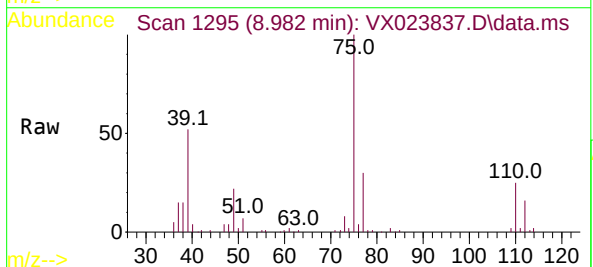
Acq: 19 Aug 2021 12:05

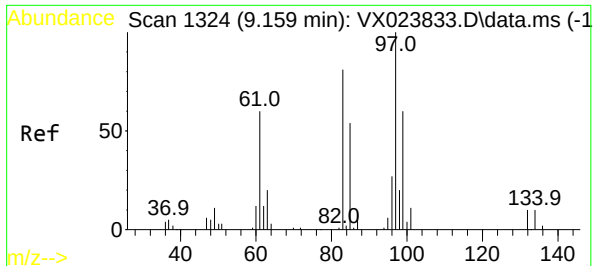
Tgt Ion: 75 Resp: 51190

Ion Ratio Lower Upper

75 100

77 30.5 21.7 40.3



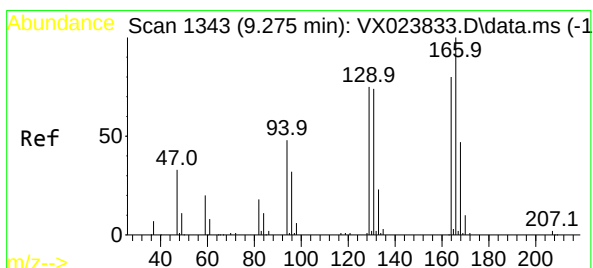
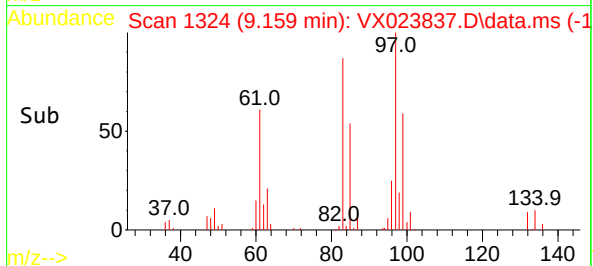
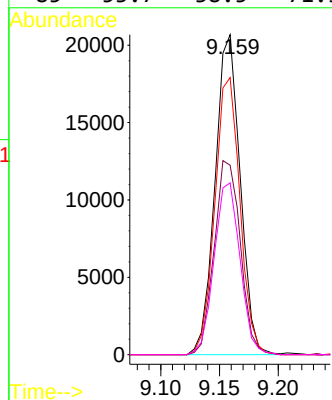
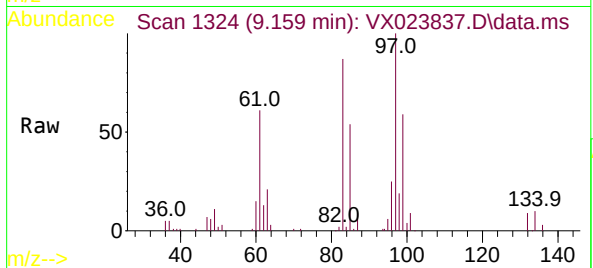


#45

1,1,2-Trichloroethane
Concen: 5.294 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Instrument :
MSVOA_X
ClientSampled :

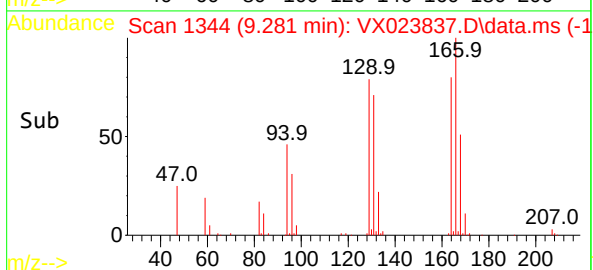
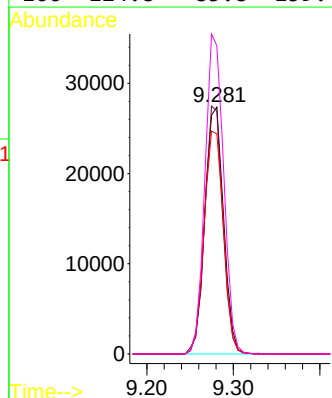
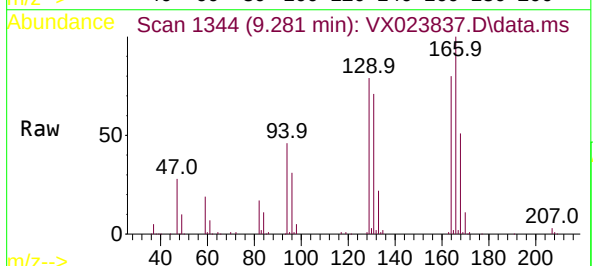
Tgt Ion:	97	Resp:	30696
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.4	80.6
83	86.6	58.6	108.8
85	53.7	38.5	71.5

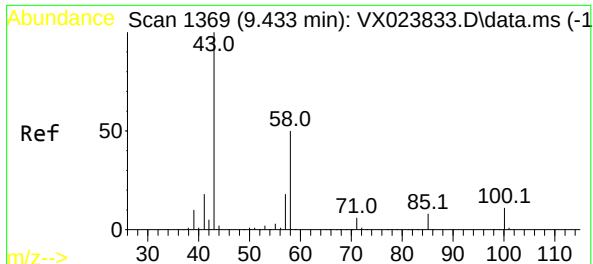


#47

Tetrachloroethene
Concen: 5.451 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:	164	Resp:	40923
Ion	Ratio	Lower	Upper
164	100		
129	98.5	64.5	119.7
131	89.2	63.8	118.6
166	124.8	85.8	159.4

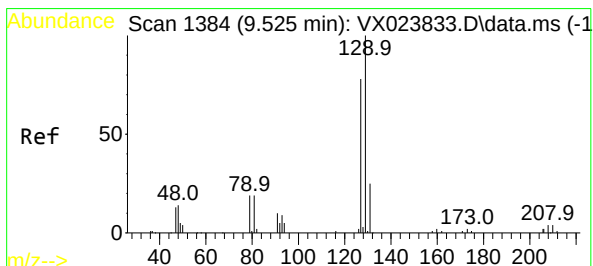
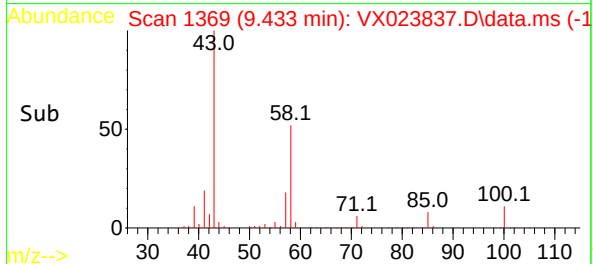
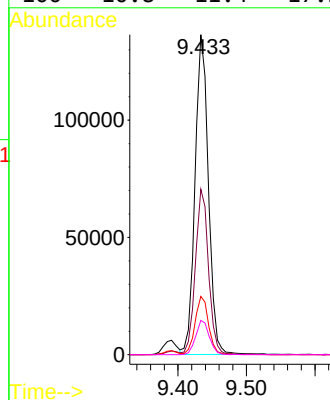
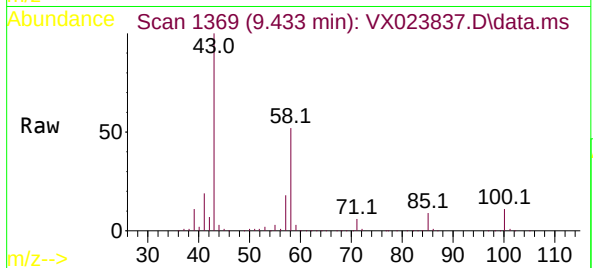




#48
2-Hexanone
Concen: 52.520 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

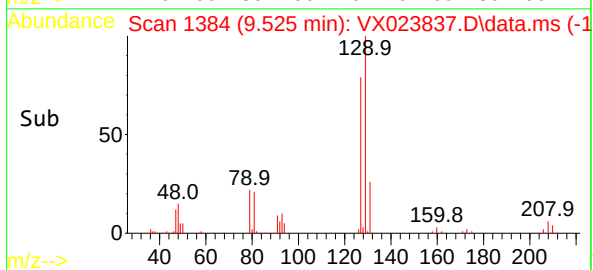
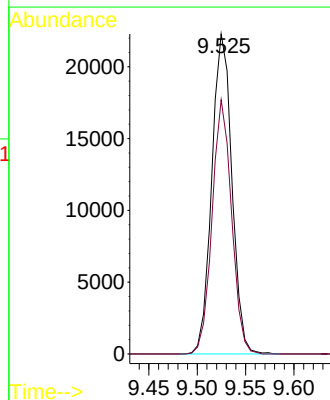
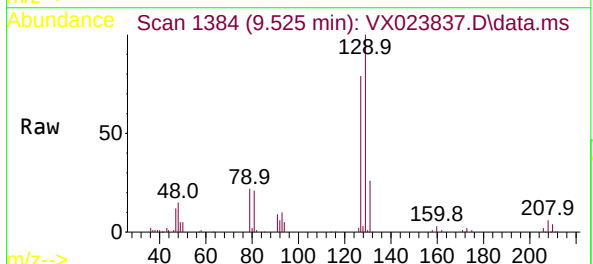
Instrument :
MSVOA_X
ClientSampled :

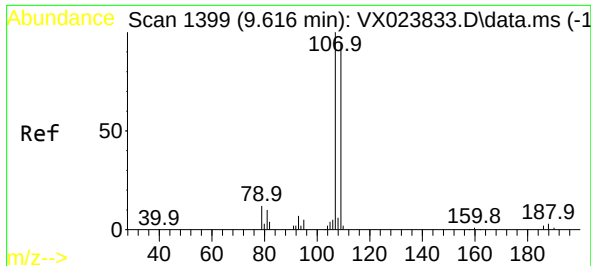
Tgt Ion: 43 Resp: 185421
Ion Ratio Lower Upper
43 100
58 50.6 48.8 73.2
57 18.2 16.6 25.0
100 10.8 11.4 17.2#



#49
Dibromochloromethane
Concen: 5.189 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:129 Resp: 32216
Ion Ratio Lower Upper
129 100
127 79.5 53.0 98.4

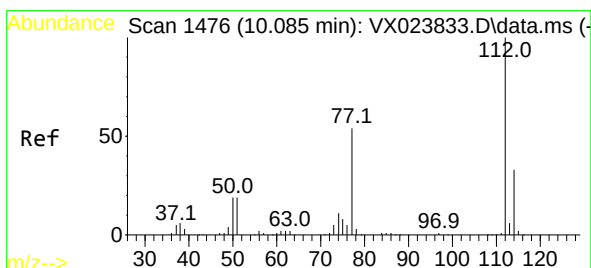
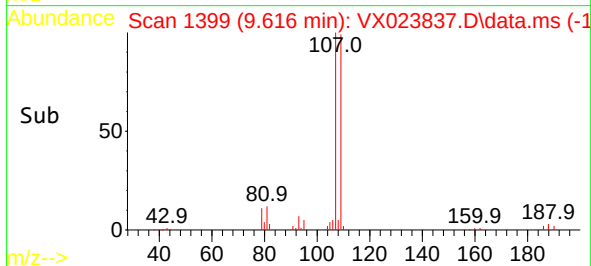
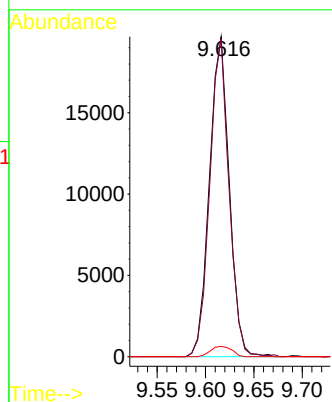
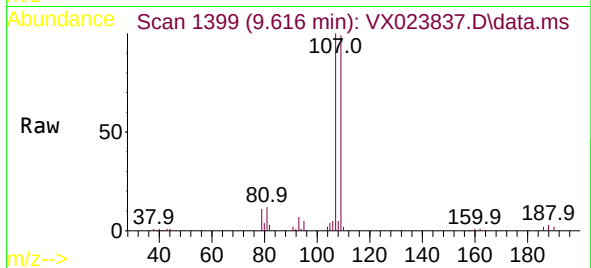




#50
1,2-Dibromoethane
Concen: 5.230 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

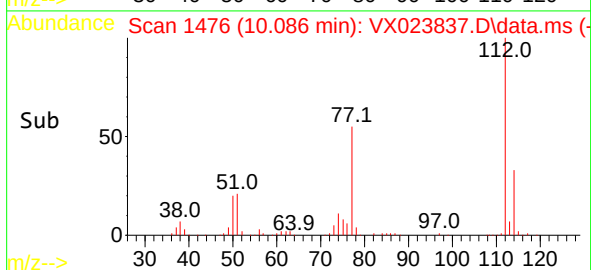
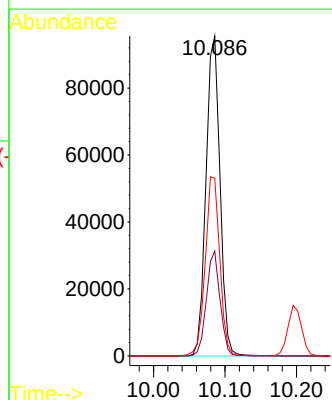
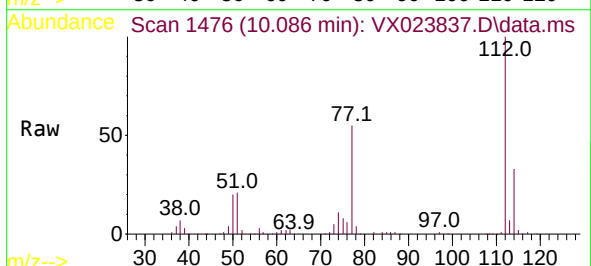
Instrument :
MSVOA_X
ClientSampled :

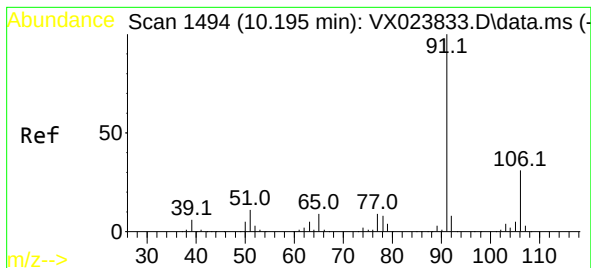
Tgt Ion:107 Resp: 28053
Ion Ratio Lower Upper
107 100
109 99.4 65.0 120.8
188 3.2 3.4 5.0#



#51
Chlorobenzene
Concen: 5.444 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:112 Resp: 130118
Ion Ratio Lower Upper
112 100
114 32.8 22.1 41.1
77 55.5 47.0 70.6

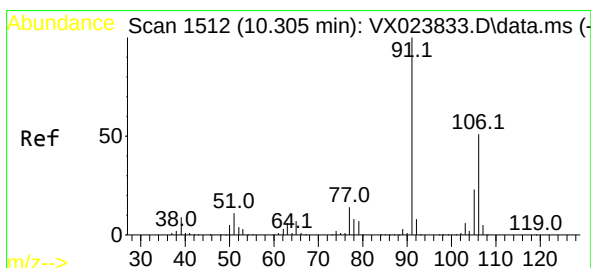
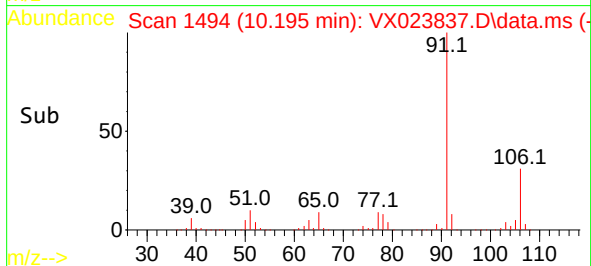
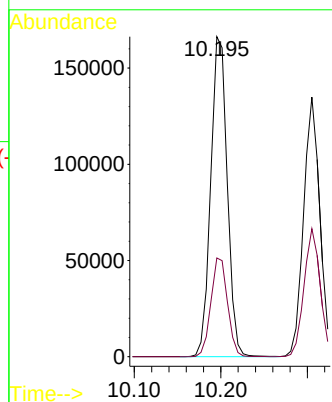
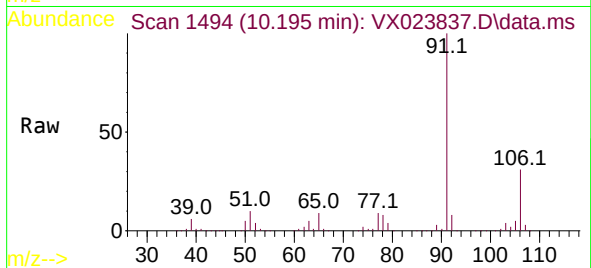




#52
Ethylbenzene
Concen: 5.577 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

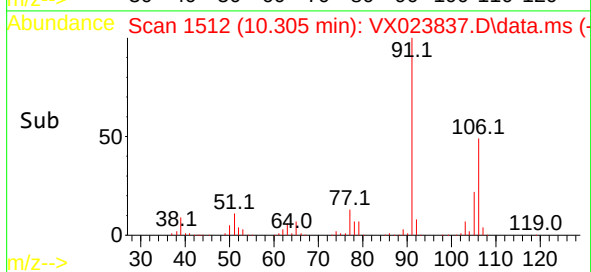
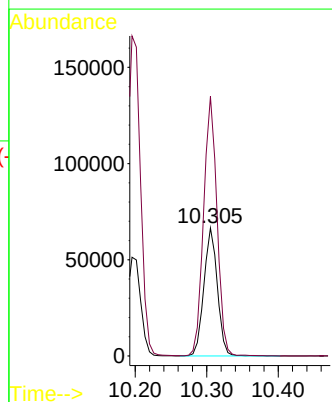
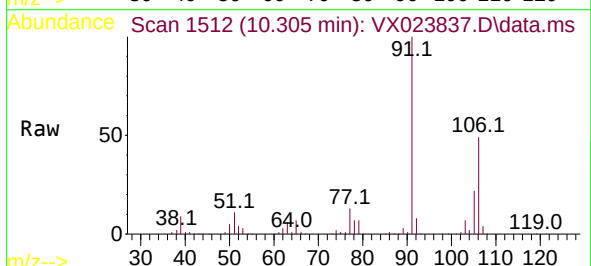
Instrument :
MSVOA_X
ClientSampled :

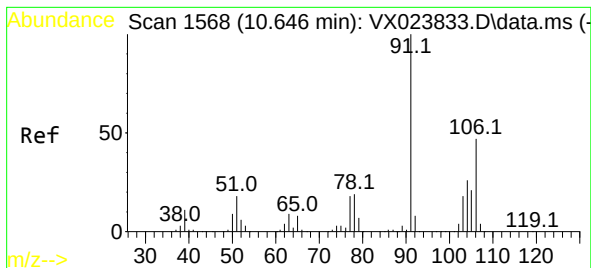
Tgt Ion: 91 Resp: 220223
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-xylene
Concen: 5.566 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 106 Resp: 87093
Ion Ratio Lower Upper
106 100
91 202.9 137.4 255.2

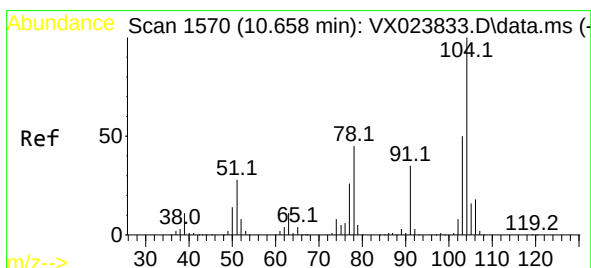
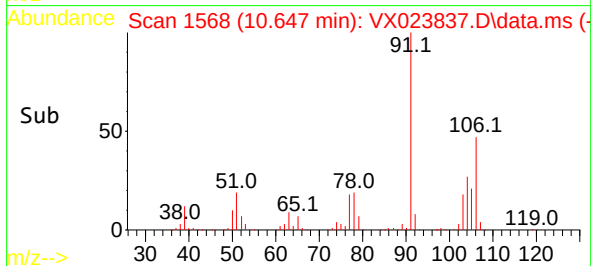
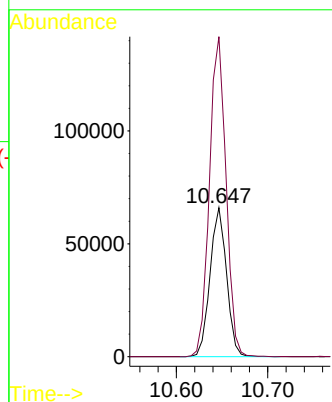
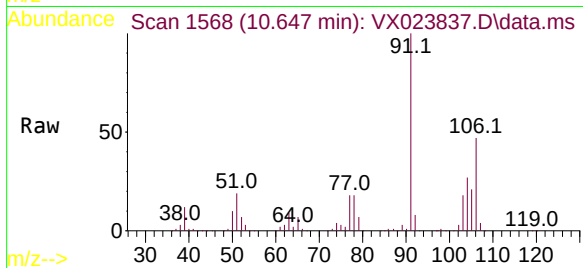




#54
o-xylene
Concen: 5.515 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

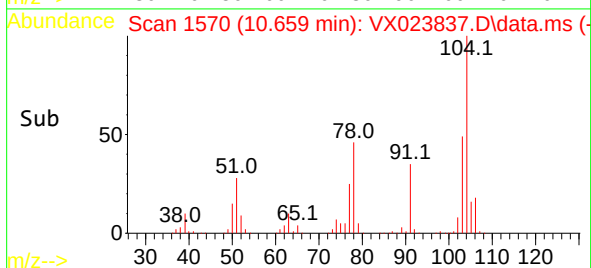
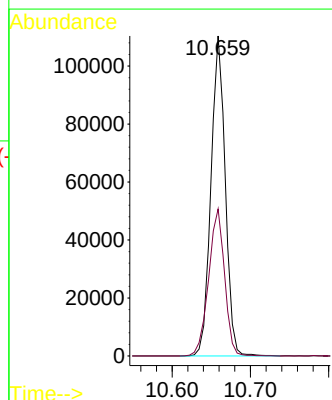
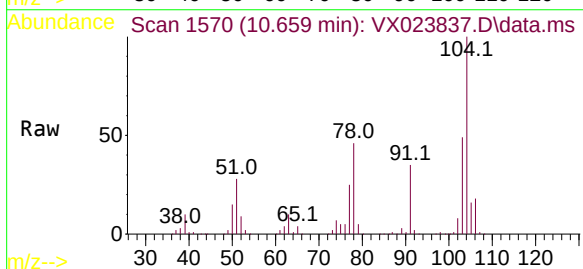
Instrument :
MSVOA_X
ClientSampled :

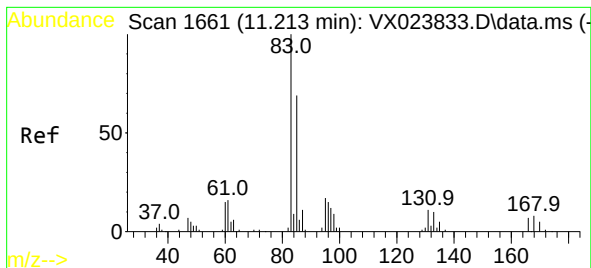
Tgt Ion:106 Resp: 82710
Ion Ratio Lower Upper
106 100
91 214.9 151.1 280.7



#55
Styrene
Concen: 5.590 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:104 Resp: 139500
Ion Ratio Lower Upper
104 100
78 46.0 30.3 56.3

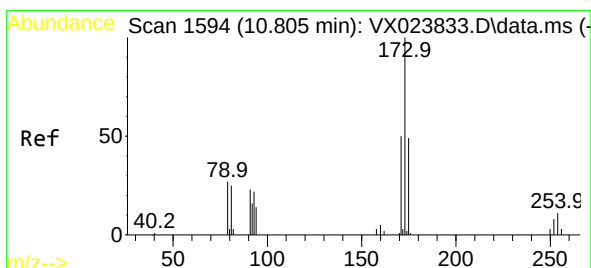
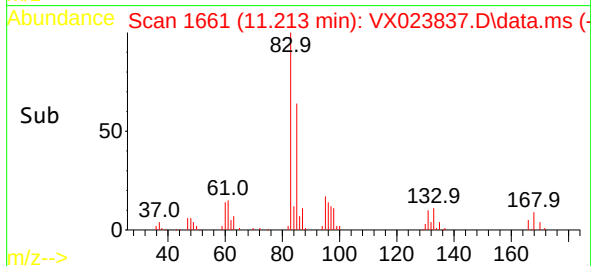
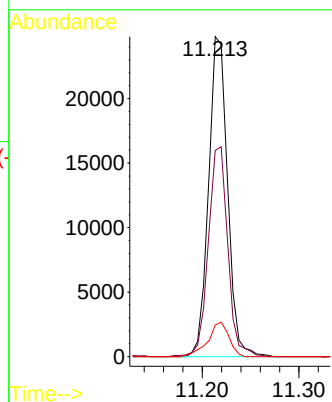
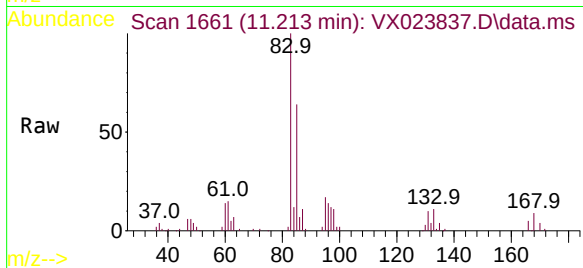




#57
1,1,2,2-Tetrachloroethane
Concen: 5.175 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

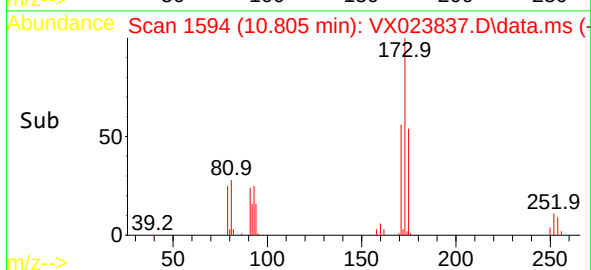
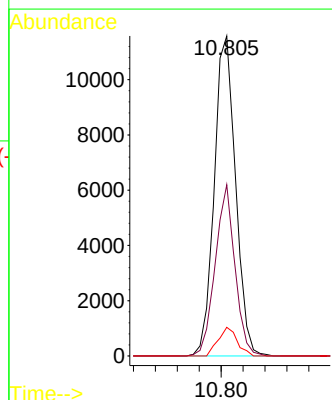
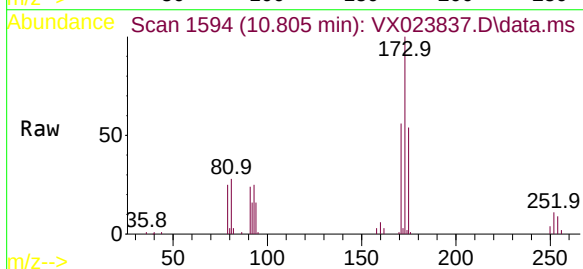
Instrument :
MSVOA_X
ClientSampled :

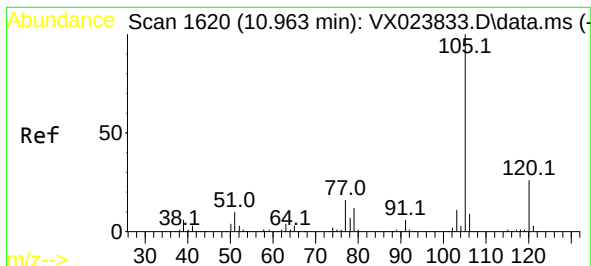
Tgt Ion:	83	Resp:	33971
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.6	82.8
131	9.9	8.2	12.2



#59
Bromoform
Concen: 4.954 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:	173	Resp:	15635
Ion	Ratio	Lower	Upper
173	100		
175	49.6	38.0	57.0
254	8.0	8.8	13.2#

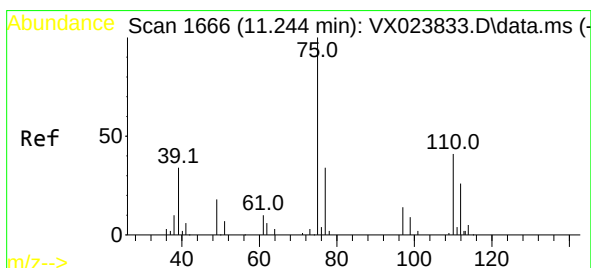
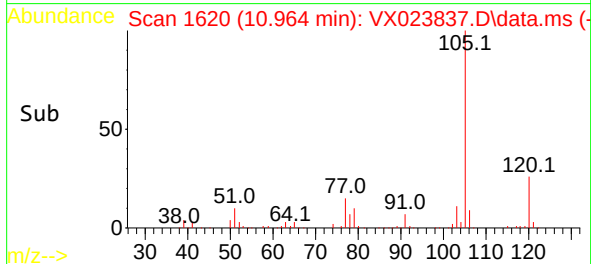
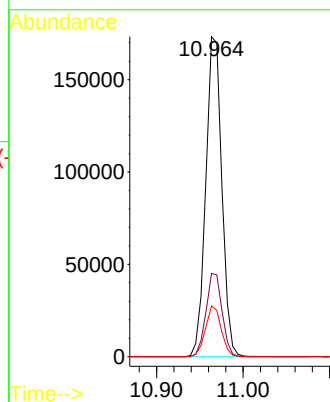
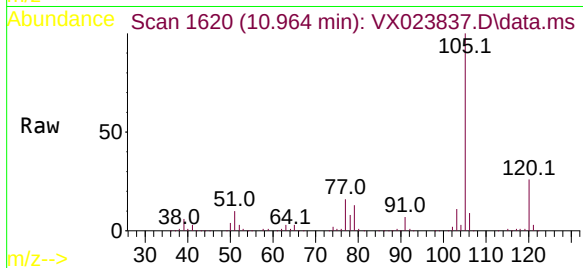




#60
Isopropylbenzene
Concen: 5.558 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

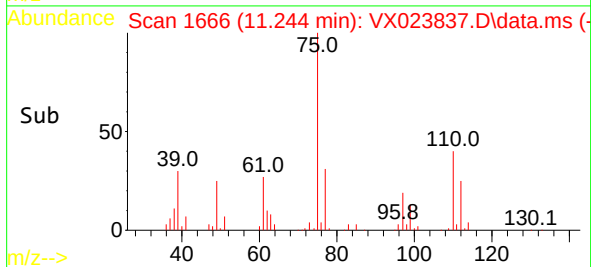
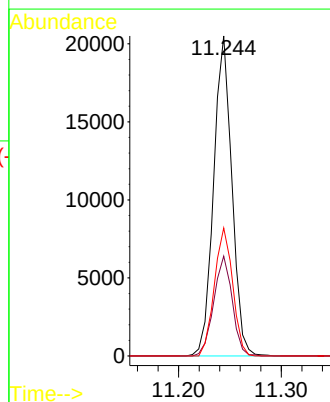
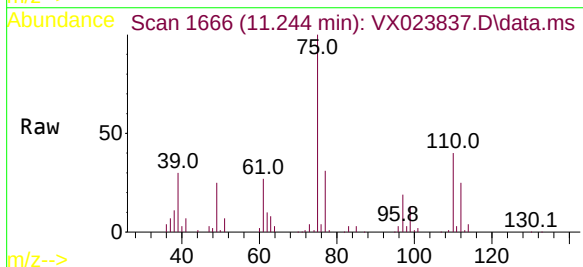
Instrument :
MSVOA_X
ClientSampled :

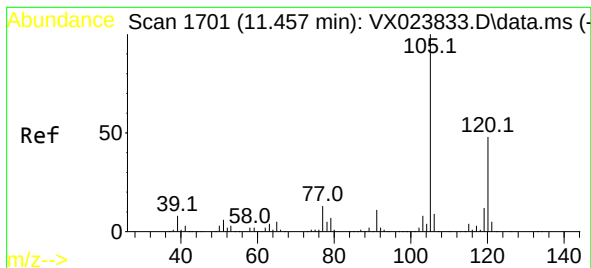
Tgt Ion:105 Resp: 223341
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 15.6 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.158 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 75 Resp: 25204
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5
110 40.0 32.1 48.1

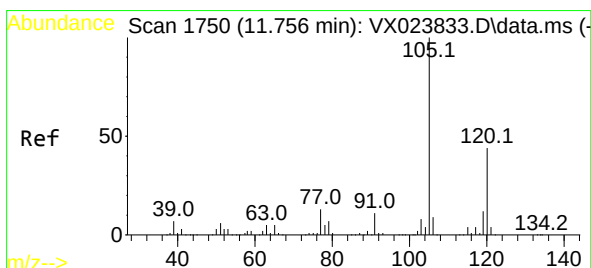
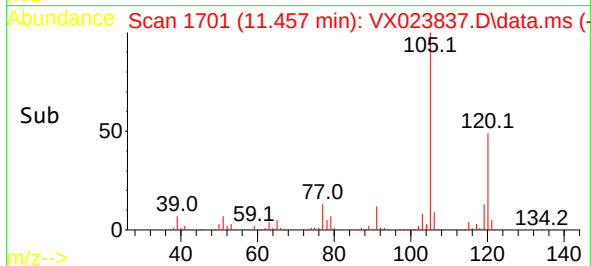
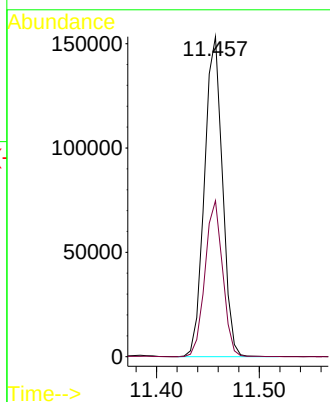
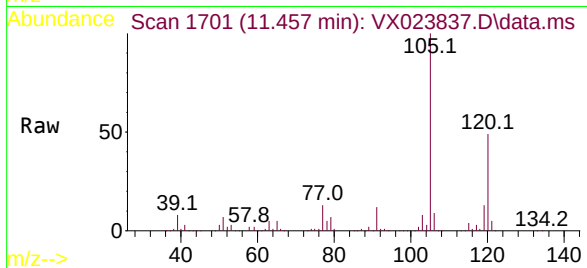




#62
1,3,5-Trimethylbenzene
Concen: 5.657 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

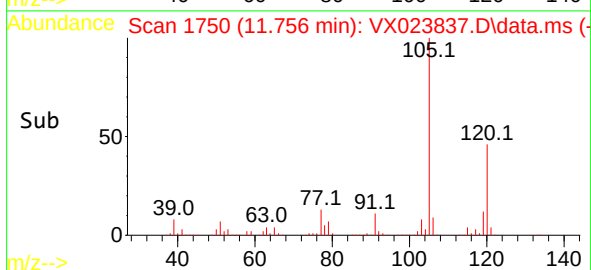
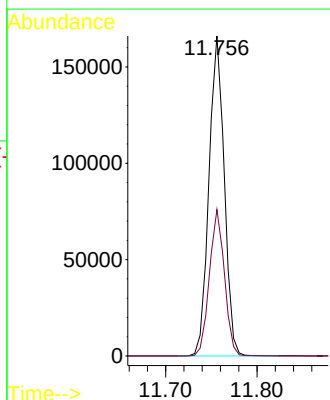
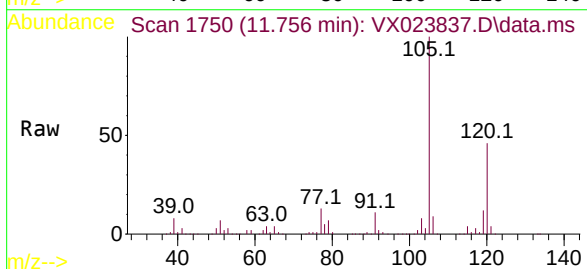
Instrument :
MSVOA_X
ClientSampled :

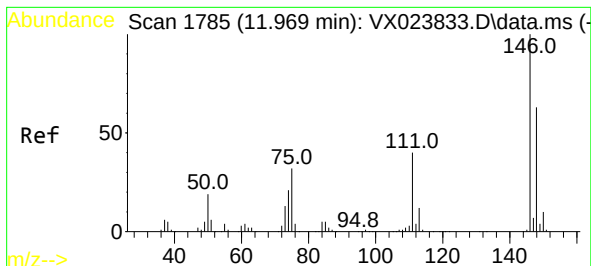
Tgt Ion:105 Resp: 186851
Ion Ratio Lower Upper
105 100
120 47.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.717 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:105 Resp: 192502
Ion Ratio Lower Upper
105 100
120 44.9 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 5.511 ug/L

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX023837.D

Acq: 19 Aug 2021 12:05

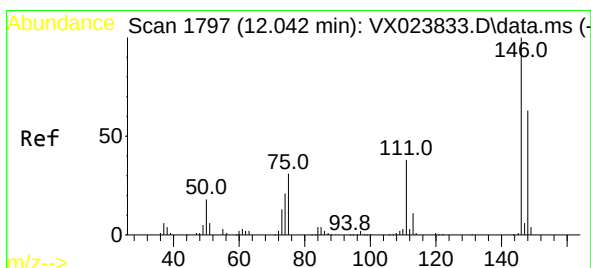
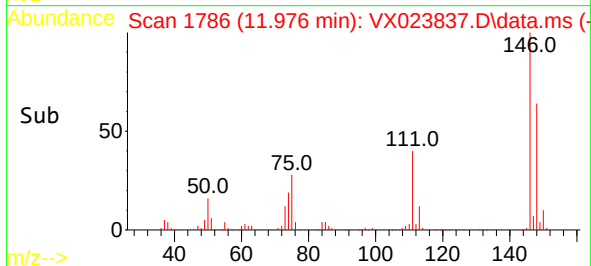
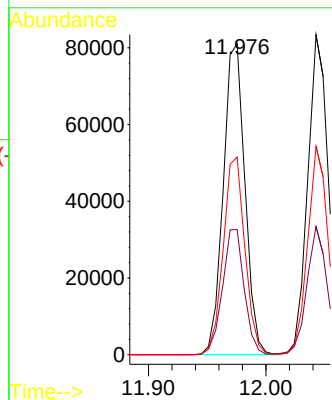
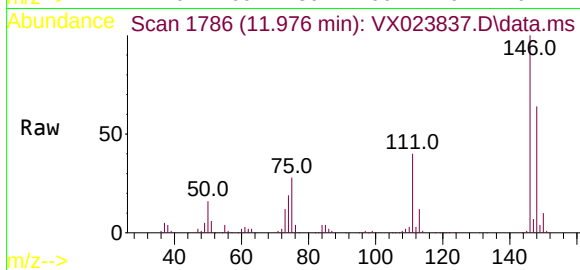
Tgt Ion:146 Resp: 104042

Ion Ratio Lower Upper

146 100

111 40.2 28.2 52.4

148 63.6 41.7 77.5



#65

1,4-Dichlorobenzene

Concen: 5.391 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX023837.D

Acq: 19 Aug 2021 12:05

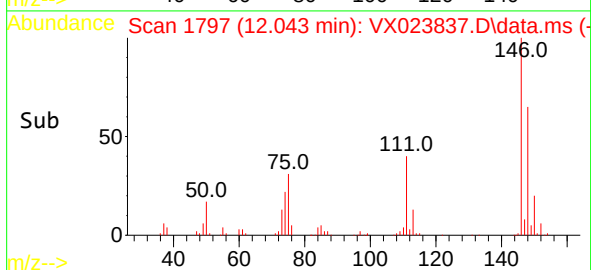
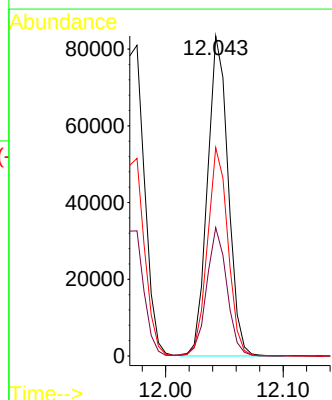
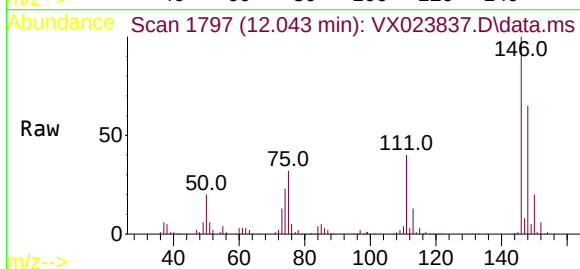
Tgt Ion:146 Resp: 102120

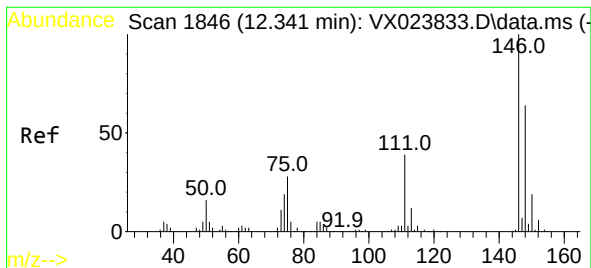
Ion Ratio Lower Upper

146 100

111 40.1 26.2 48.8

148 65.1 44.1 81.9

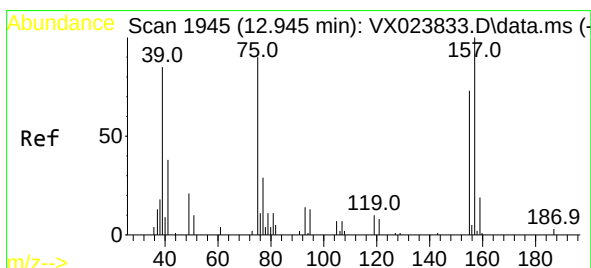
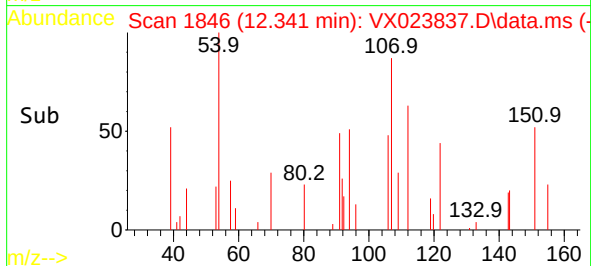
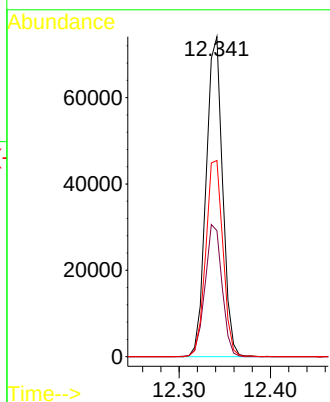
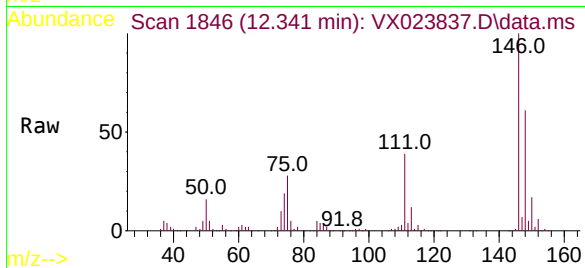




#67
1,2-Dichlorobenzene
Concen: 5.358 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

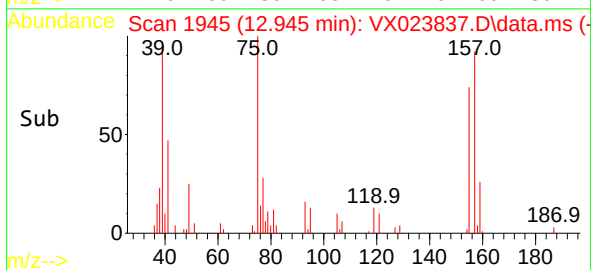
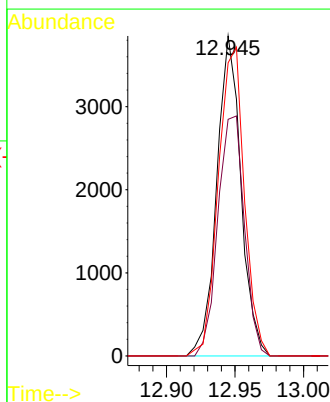
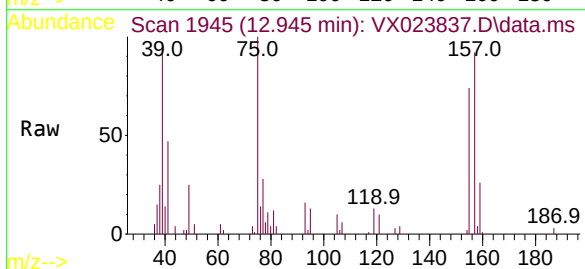
Instrument :
MSVOA_X
ClientSampled :

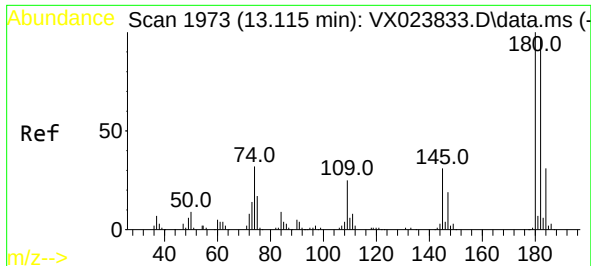
Tgt Ion:146 Resp: 92904
Ion Ratio Lower Upper
146 100
111 39.4 36.3 54.5
148 61.3 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.890 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion: 75 Resp: 4720
Ion Ratio Lower Upper
75 100
155 74.0 69.8 104.8
157 91.6 90.0 135.0

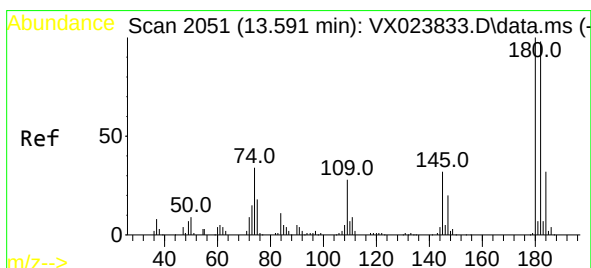
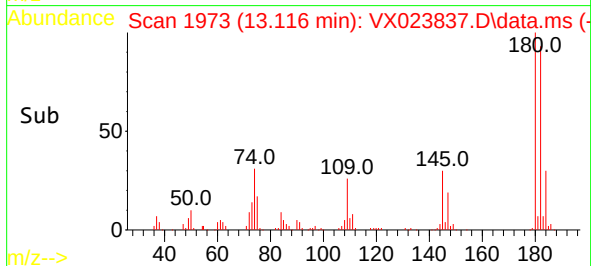
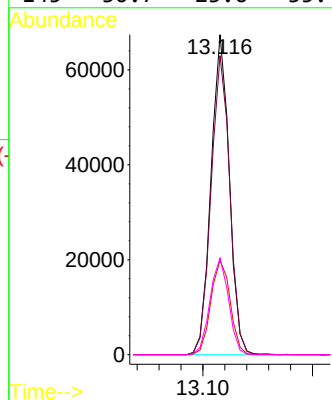
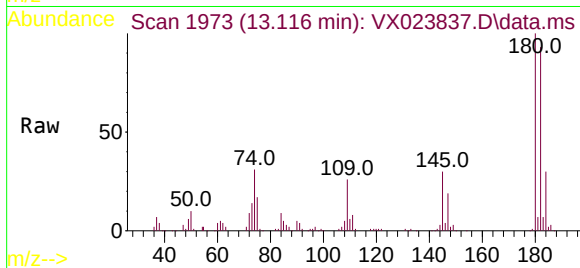




#69
 1,3,5-Trichlorobenzene
 Concen: 5.511 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX023837.D
 Acq: 19 Aug 2021 12:05

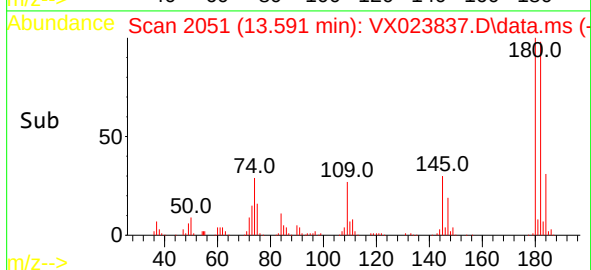
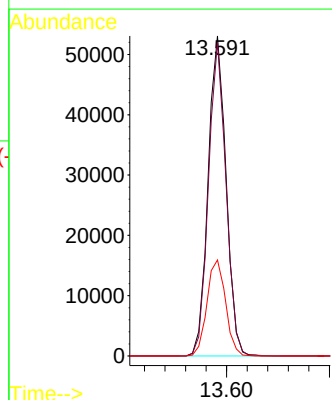
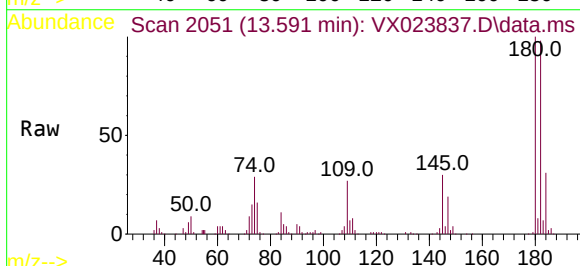
Instrument :
 MSVOA_X
 ClientSampleId :

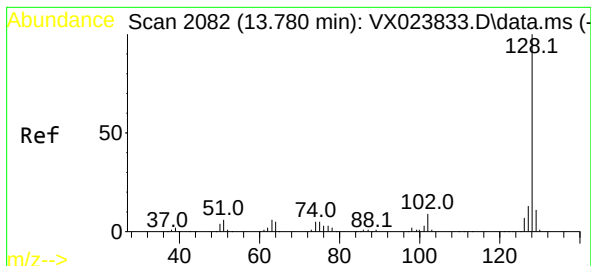
Tgt Ion:	180	Resp:	77855
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.0	115.4
184	31.2	24.6	36.8
145	30.7	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 5.708 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX023837.D
 Acq: 19 Aug 2021 12:05

Tgt Ion:	180	Resp:	64277
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.3	111.5
145	31.1	24.1	36.1

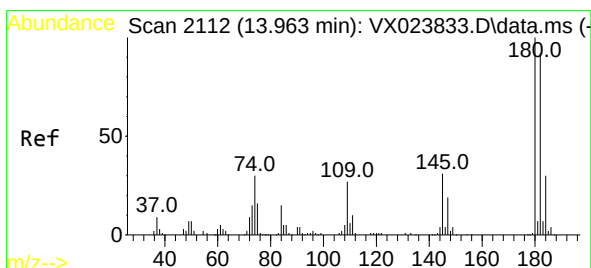
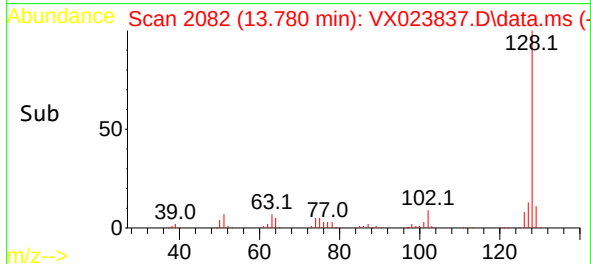
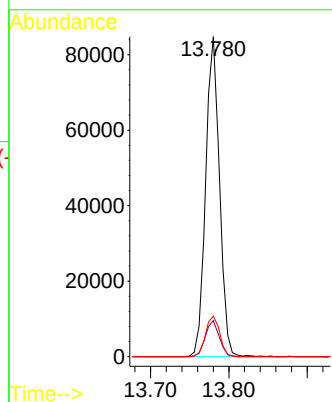
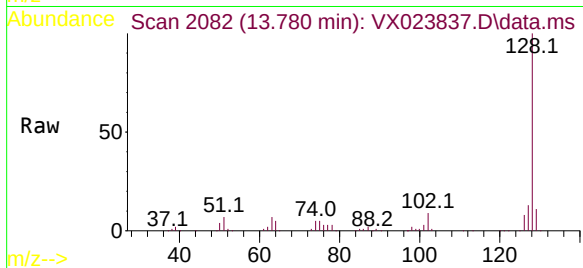




#71
Naphthalene
Concen: 5.461 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:128 Resp: 103793
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.0 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.565 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023837.D
Acq: 19 Aug 2021 12:05

Tgt Ion:180 Resp: 57548
Ion Ratio Lower Upper
180 100
182 95.3 79.3 118.9
145 33.5 26.5 39.7

