

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036035.D
 Acq On : 06 Jun 2023 16:11
 Operator : JC/MD
 Sample : 02991-05MSD 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C06MSD

Quant Time: Jun 07 05:56:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	318716	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	106782	49.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.620%
7) Chloroethane-d5	1.672	69	80419	48.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.840%
11) 1,1-Dichloroethene-d2	2.306	65	54386	49.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.080%
21) 2-Butanone-d5	4.470	46	185073	104.272	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.270%
24) Chloroform-d	5.056	84	225927	50.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.060%
26) 1,2-Dichloroethane-d4	5.952	65	163728	49.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.380%
32) Benzene-d6	5.976	84	439861	51.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.500%
36) 1,2-Dichloropropane-d6	7.305	67	137732	52.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.280%
41) Toluene-d8	8.646	98	400843	51.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	8.951	79	65975	52.028	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.060%
47) 2-Hexanone-d5	9.384	63	132633	112.753	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	190651	52.836	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.680%
66) 1,2-Dichlorobenzene-d4	12.323	152	141938	51.427	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	142553	46.964	ug/L	99
3) Chloromethane	1.294	50	133018	46.512	ug/L	97
5) Vinyl chloride	1.373	62	124649	47.023	ug/L	98
6) Bromomethane	1.617	94	74150	48.013	ug/L	98
8) Chloroethane	1.690	64	73687	46.862	ug/L	100
9) Trichlorofluoromethane	1.886	101	181204	48.598	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	112724	46.319	ug/L	99
12) 1,1-Dichloroethene	2.318	96	102555	48.423	ug/L	95
13) Acetone	2.404	43	126400	67.402	ug/L	99
14) Carbon disulfide	2.513	76	280392	48.243	ug/L	100
15) Methyl Acetate	2.709	43	141120	48.637	ug/L	99
16) Methylene chloride	2.788	84	114301	47.001	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	105793	46.624	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	426759	52.860	ug/L	99
19) 1,1-Dichloroethane	3.611	63	215410	47.617	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	150462	57.792	ug/L	98
22) 2-Butanone	4.574	43	201210	89.833	ug/L	100
23) Bromochloromethane	4.897	128	59909	46.362	ug/L	99
25) Chloroform	5.092	83	238390	48.444	ug/L	98

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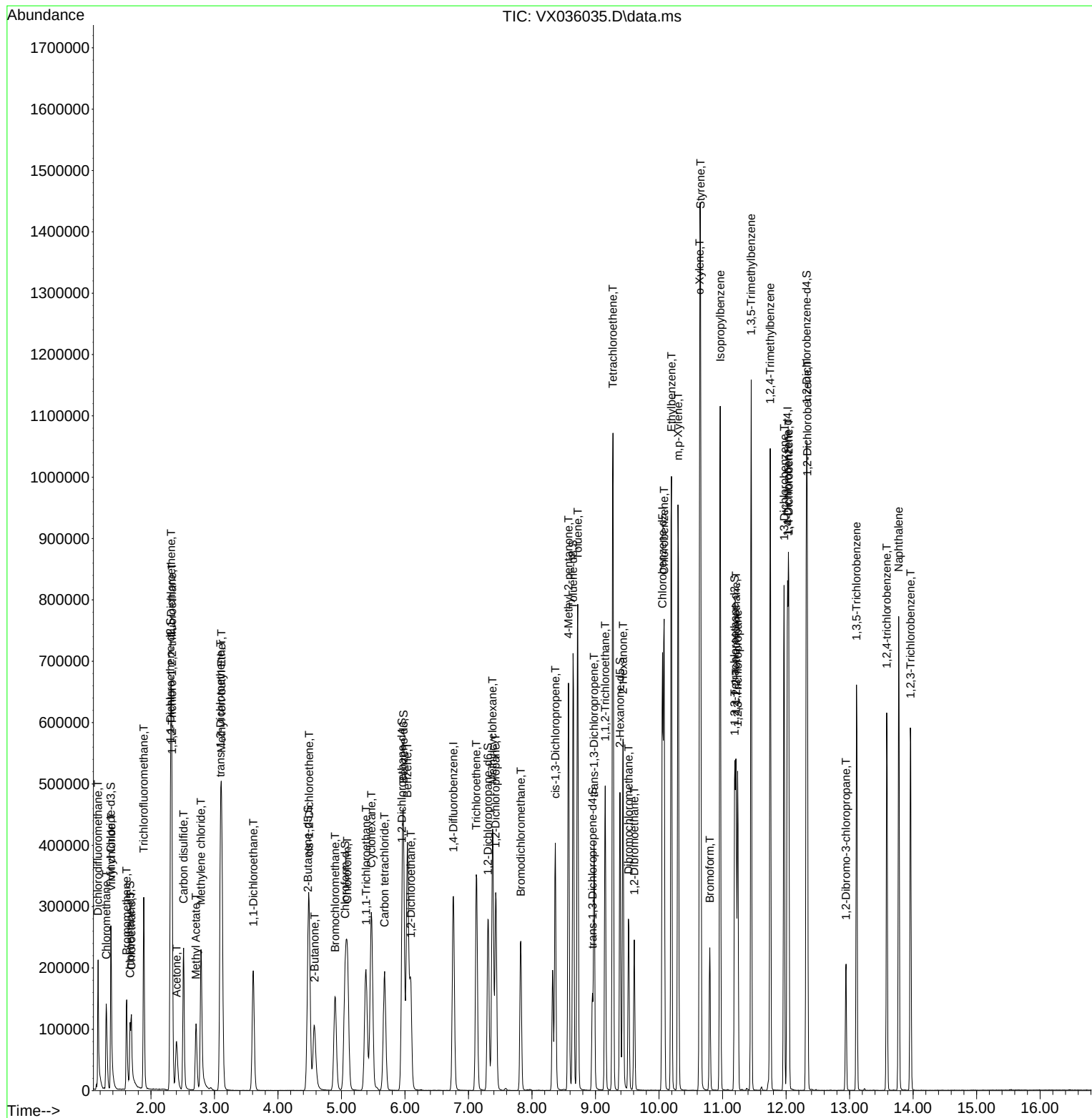
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	200580	47.771	ug/L	99
29) Cyclohexane	5.470	56	197101	50.227	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	195971	50.053	ug/L	99
31) Carbon tetrachloride	5.678	117	163187	50.189	ug/L	99
33) Benzene	6.037	78	473690	50.325	ug/L	100
34) Trichloroethene	7.122	95	137747	54.335	ug/L	95
35) Methylcyclohexane	7.378	83	187469	50.374	ug/L	98
37) 1,2-Dichloropropane	7.427	63	123639	50.048	ug/L	99
38) Bromodichloromethane	7.823	83	156635	49.181	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	198008	51.300	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	394827	106.120	ug/L	100
42) Toluene	8.720	91	484647	49.506	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	182698	50.549	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	119484	49.419	ug/L	99
46) Tetrachloroethene	9.274	164	183831	103.696	ug/L	97
48) 2-Hexanone	9.433	43	301890	102.832	ug/L	100
49) Dibromochloromethane	9.518	129	116270	50.684	ug/L	97
50) 1,2-Dibromoethane	9.610	107	127380	49.860	ug/L	99
51) Chlorobenzene	10.079	112	309125	47.995	ug/L	100
52) Ethylbenzene	10.195	91	560886	49.745	ug/L	98
53) m,p-Xylene	10.299	106	208458	48.751	ug/L	99
54) o-Xylene	10.640	106	207043	49.538	ug/L	99
55) Styrene	10.652	104	352885	49.680	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	193294	50.864	ug/L	100
59) Bromoform	10.799	173	76027	51.153	ug/L	99
60) Isopropylbenzene	10.963	105	554484	50.952	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	157855	51.925	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	463379	51.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	427192	51.002	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	234173	49.691	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	234012	48.546	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	229539	49.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	40856	53.215	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	138468	48.005	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	127452	48.372	ug/L	99
71) Naphthalene	13.774	128	444064	51.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124737	47.610	ug/L	99

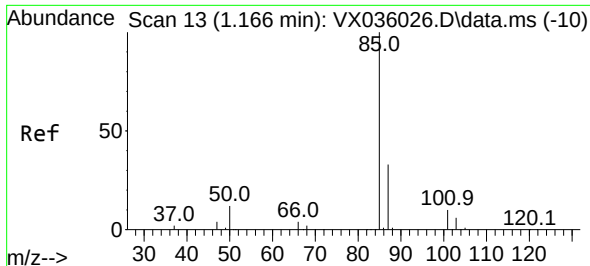
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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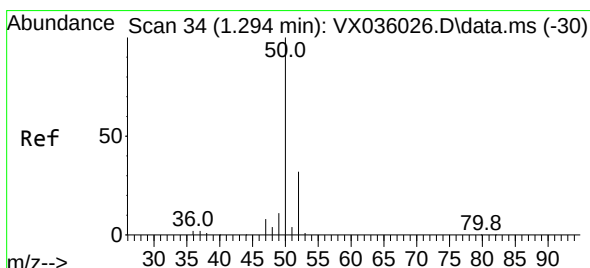
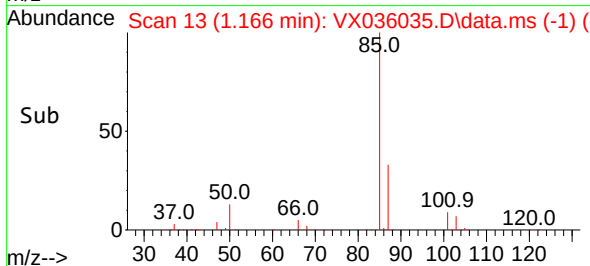
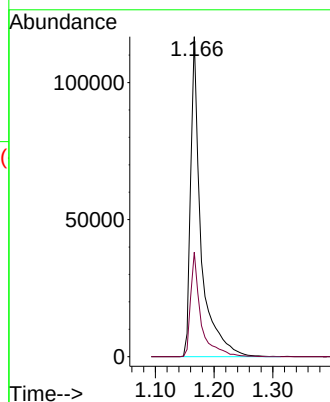
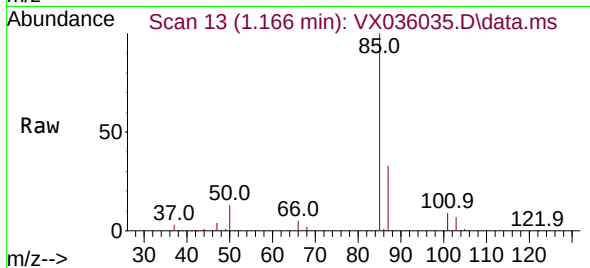




#2
Dichlorodifluoromethane
Concen: 46.964 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

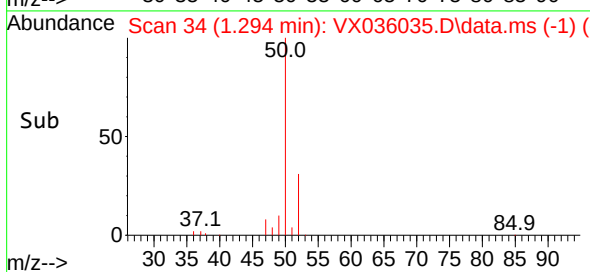
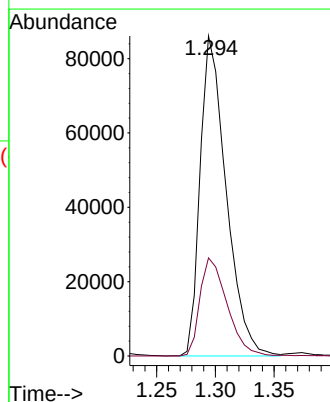
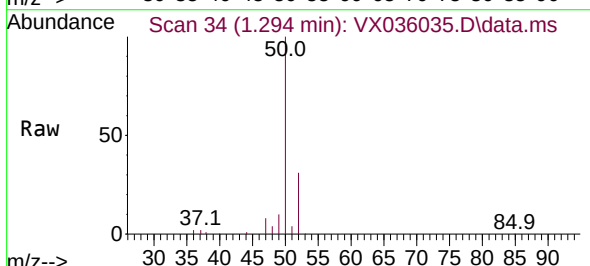
Instrument :
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ClientSampleId :
F6C06MSD

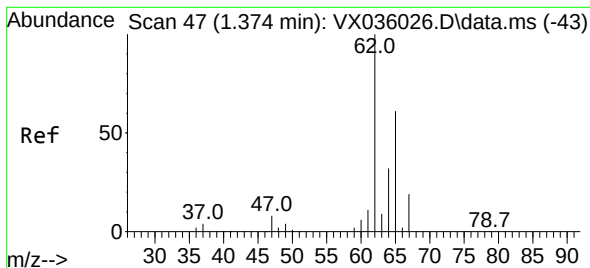
Tgt Ion: 85 Resp: 142553
Ion Ratio Lower Upper
85 100
87 32.5 26.4 39.6



#3
Chloromethane
Concen: 46.512 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 50 Resp: 133018
Ion Ratio Lower Upper
50 100
52 30.6 22.5 41.9





#5

Vinyl chloride

Concen: 47.023 ug/L

RT: 1.373 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

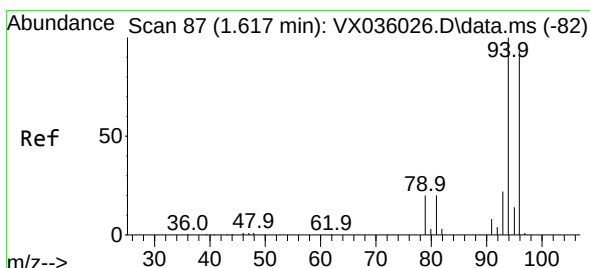
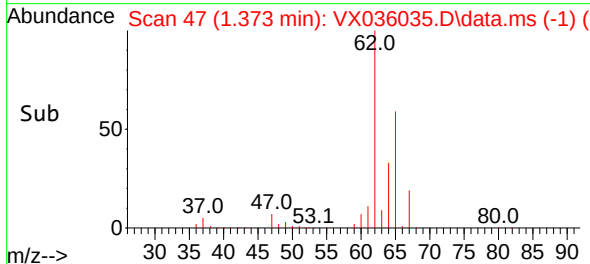
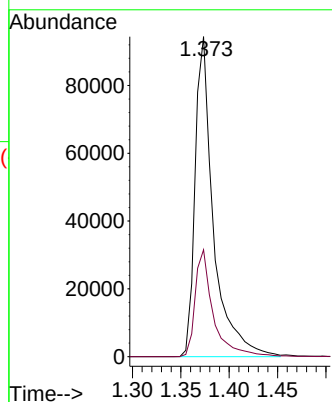
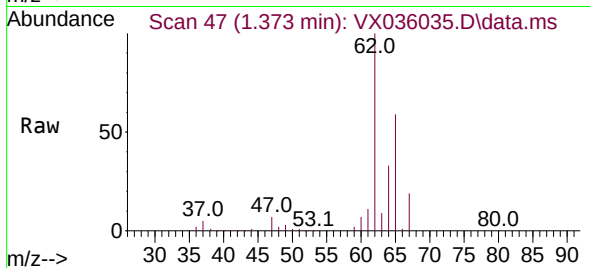
F6C06MSD

Tgt Ion: 62 Resp: 124649

Ion Ratio Lower Upper

62 100

64 33.4 22.7 42.1



#6

Bromomethane

Concen: 48.013 ug/L

RT: 1.617 min Scan# 87

Delta R.T. -0.000 min

Lab File: VX036035.D

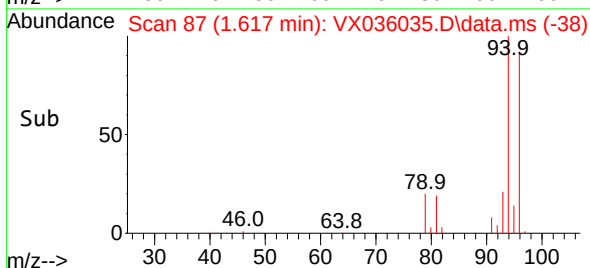
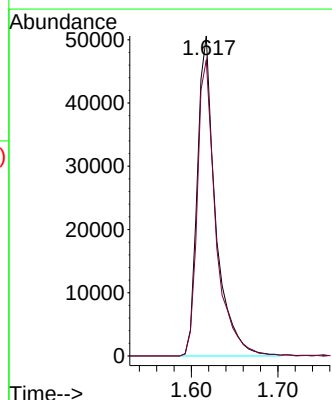
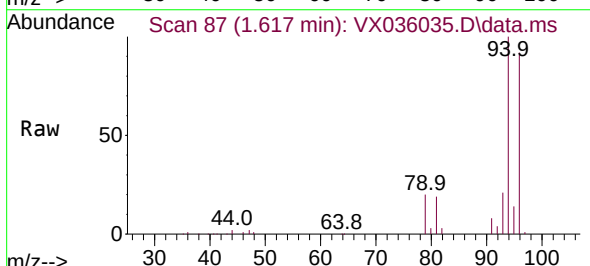
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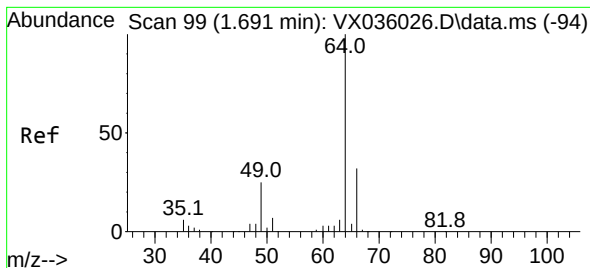
Tgt Ion: 94 Resp: 74150

Ion Ratio Lower Upper

94 100

96 92.4 65.8 122.2

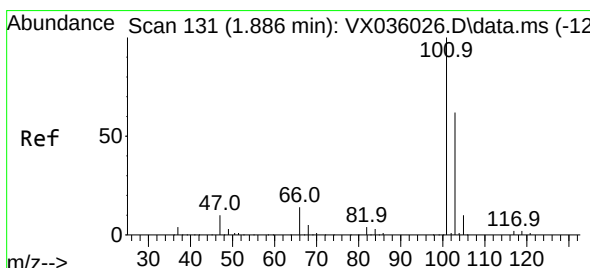
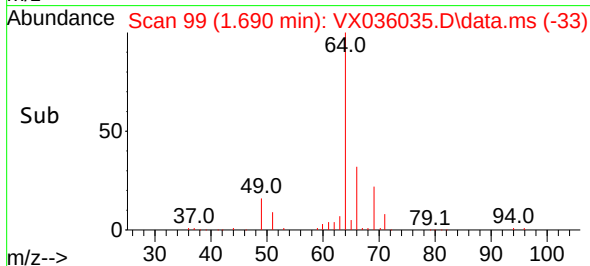
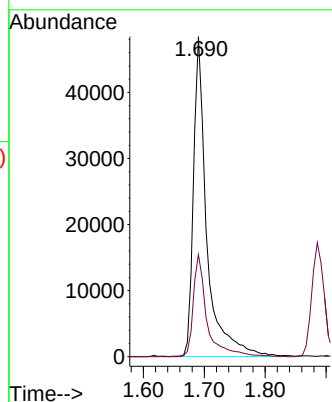
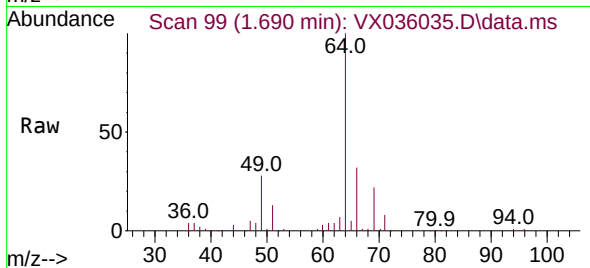




#8
Chloroethane
Concen: 46.862 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

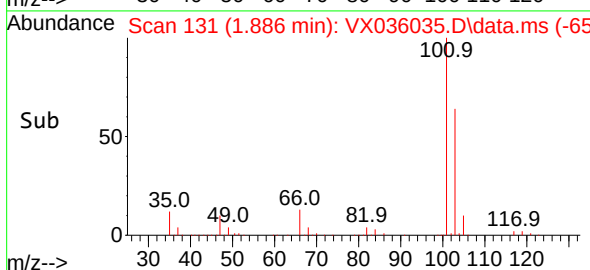
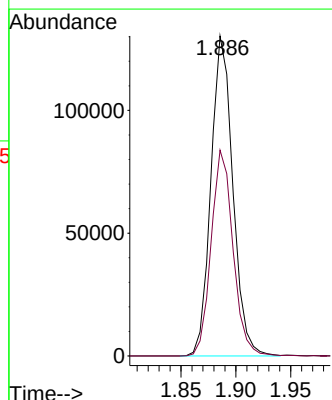
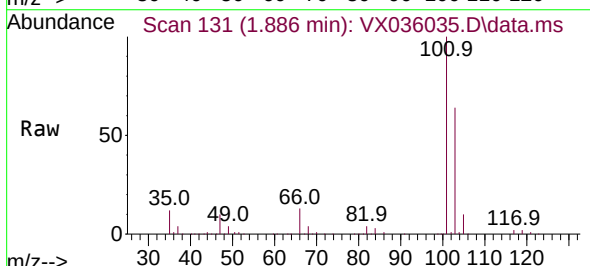
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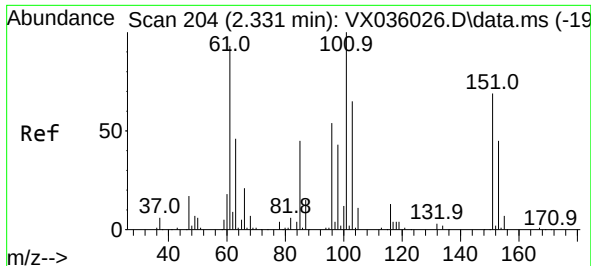
Tgt Ion: 64 Resp: 73687
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 48.598 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion:101 Resp: 181204
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

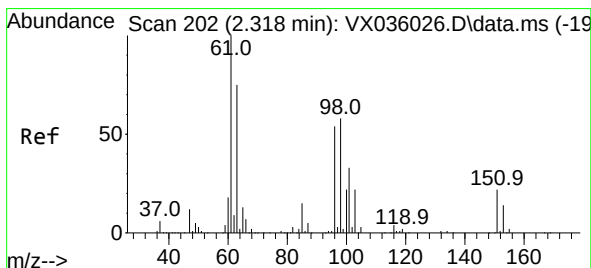
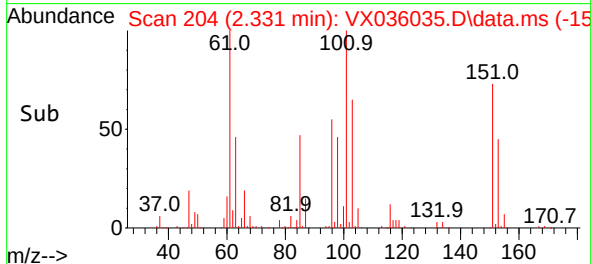
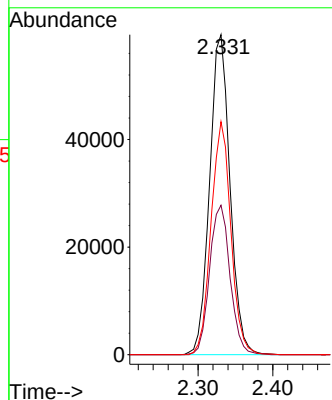
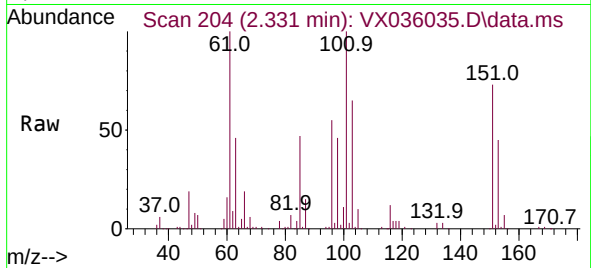




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.319 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX036035.D
 Acq: 06 Jun 2023 16:11

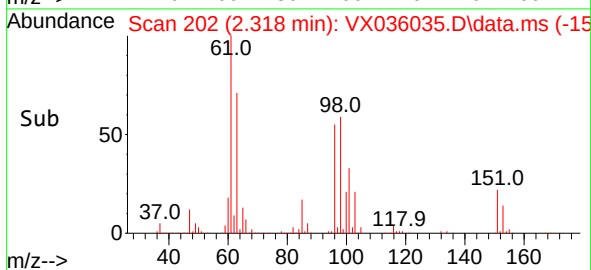
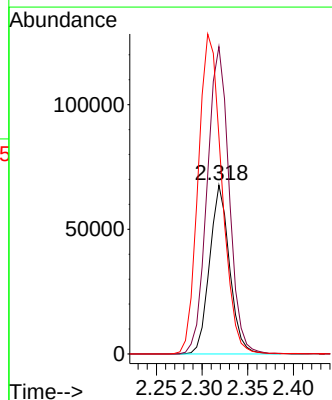
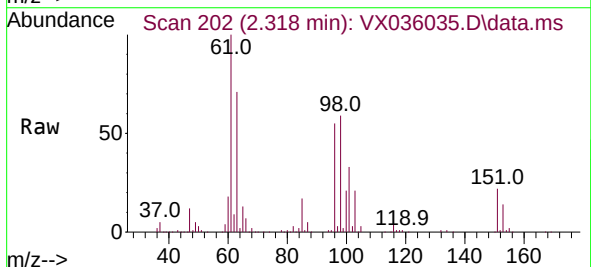
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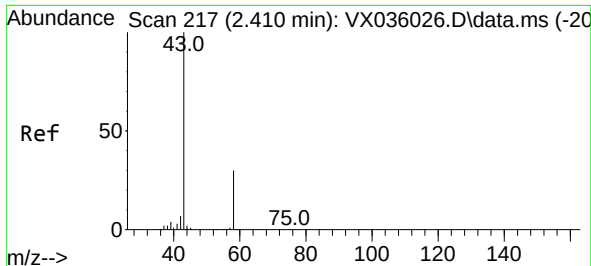
Tgt Ion:101 Resp: 112724
 Ion Ratio Lower Upper
 101 100
 85 47.0 36.6 55.0
 151 70.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 48.423 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX036035.D
 Acq: 06 Jun 2023 16:11

Tgt Ion: 96 Resp: 102555
 Ion Ratio Lower Upper
 96 100
 61 182.1 132.5 246.1
 63 128.9 95.1 176.7

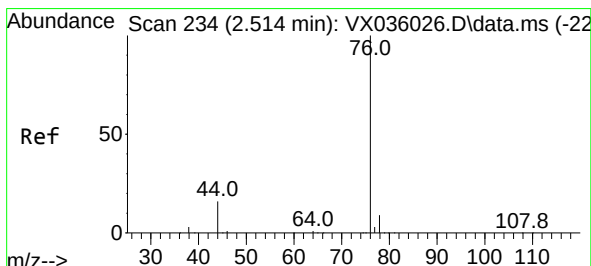
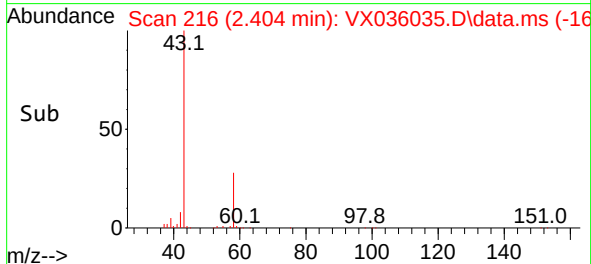
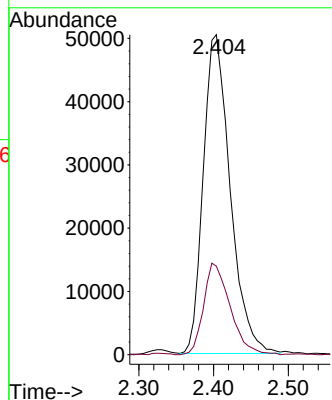
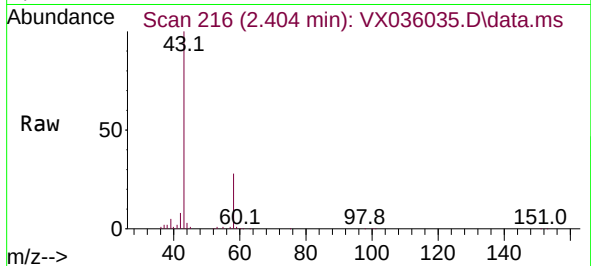




#13
Acetone
Concen: 67.402 ug/L
RT: 2.404 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

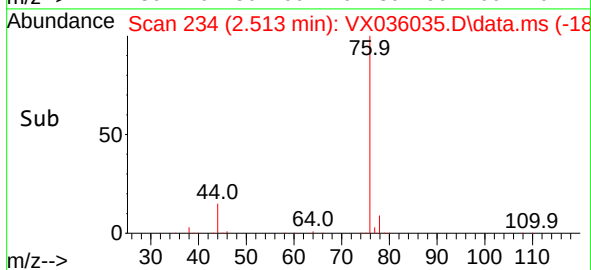
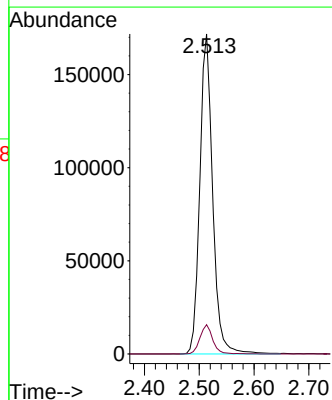
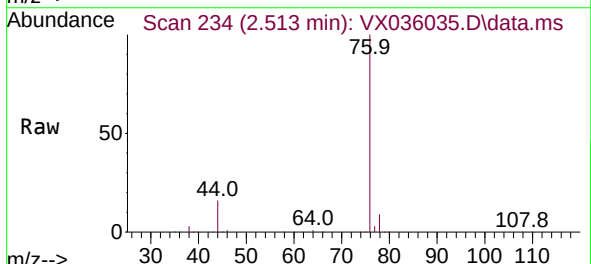
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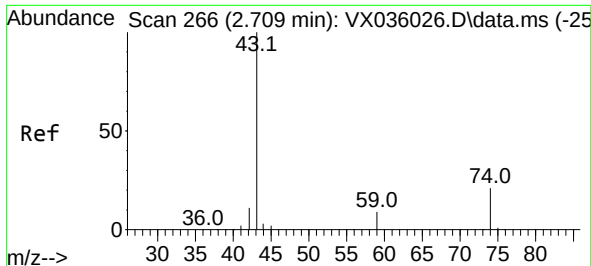
Tgt Ion: 43 Resp: 126400
Ion Ratio Lower Upper
43 100
58 28.2 0.0 55.4



#14
Carbon disulfide
Concen: 48.243 ug/L
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 280392
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

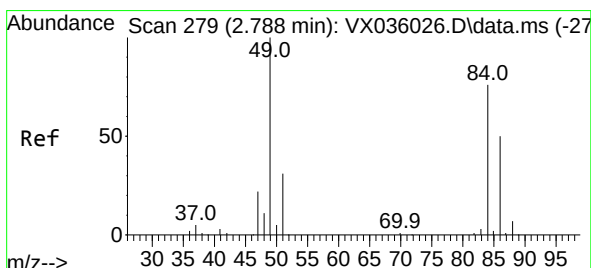
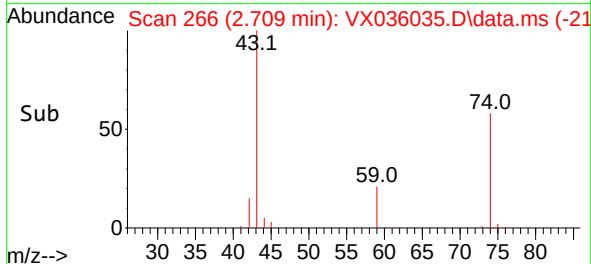
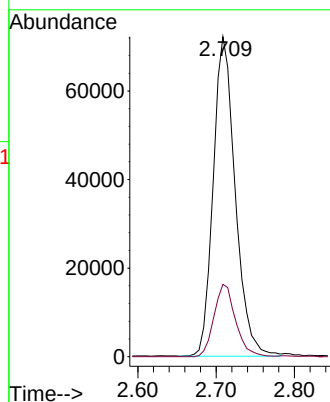
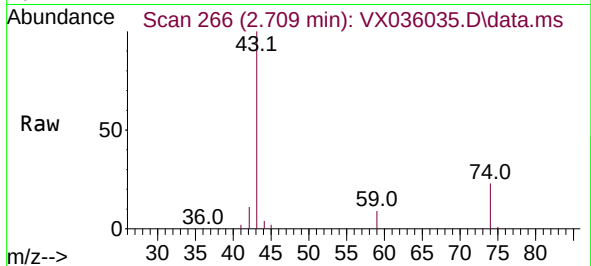




#15
Methyl Acetate
Concen: 48.637 ug/L
RT: 2.709 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

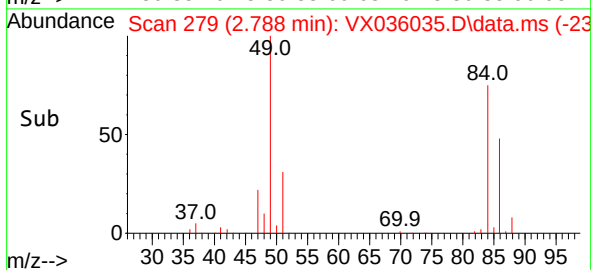
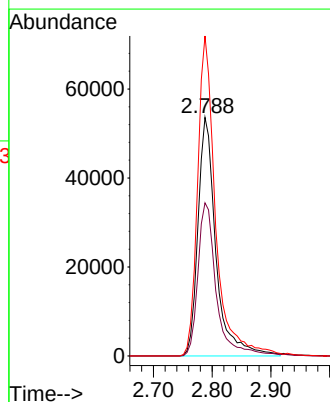
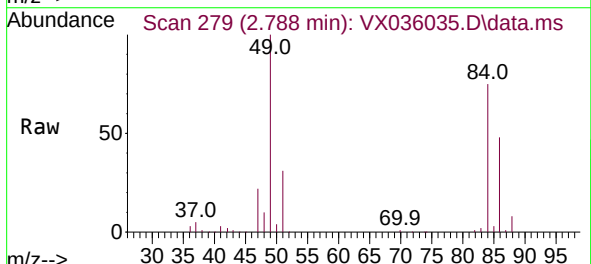
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

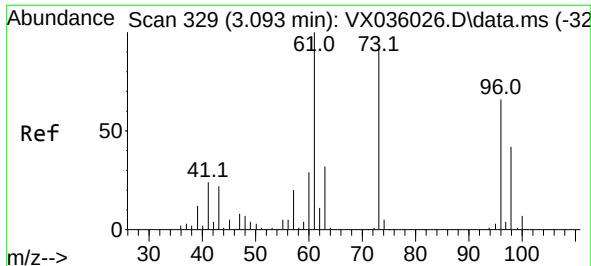
Tgt Ion: 43 Resp: 141120
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2



#16
Methylene chloride
Concen: 47.001 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 84 Resp: 114301
Ion Ratio Lower Upper
84 100
86 64.2 46.5 86.5
49 134.1 95.1 176.5





#17

trans-1,2-Dichloroethene

Concen: 46.624 ug/L

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

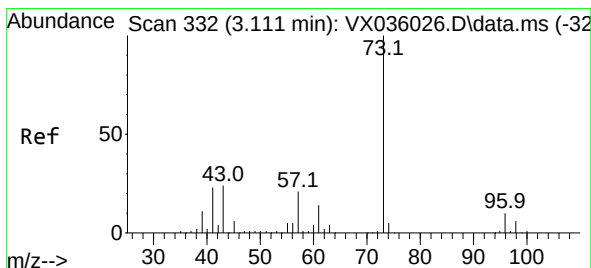
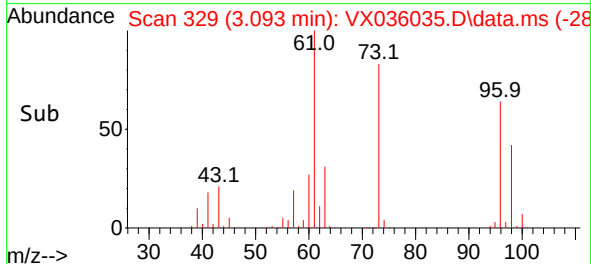
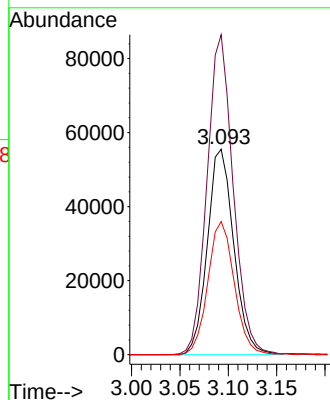
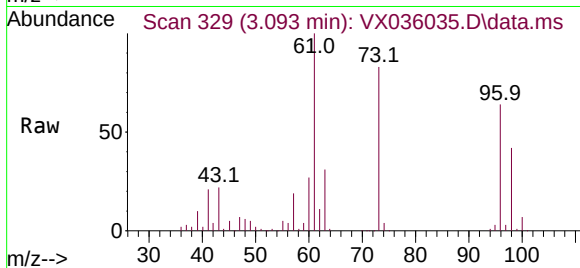
Tgt Ion: 96 Resp: 105793

Ion Ratio Lower Upper

96 100

61 155.7 100.7 187.1

98 64.8 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 52.860 ug/L

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

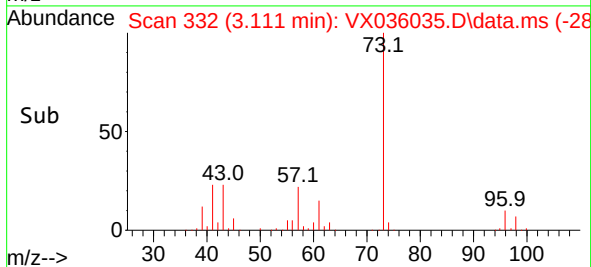
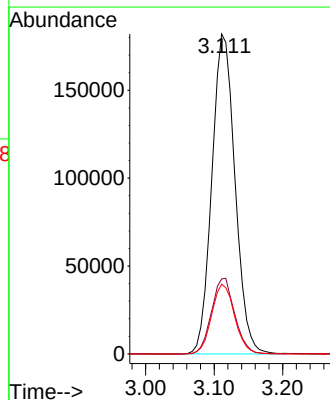
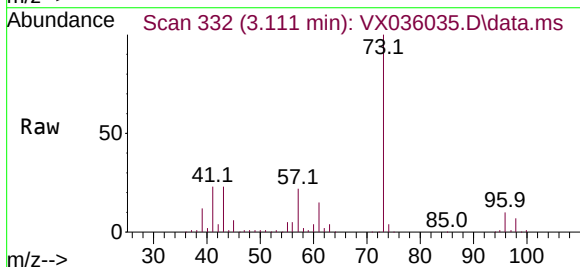
Tgt Ion: 73 Resp: 426759

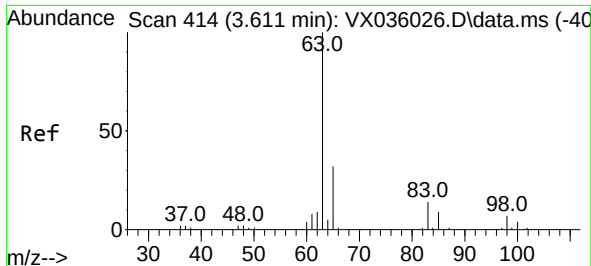
Ion Ratio Lower Upper

73 100

43 23.7 19.4 29.0

57 21.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 47.617 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

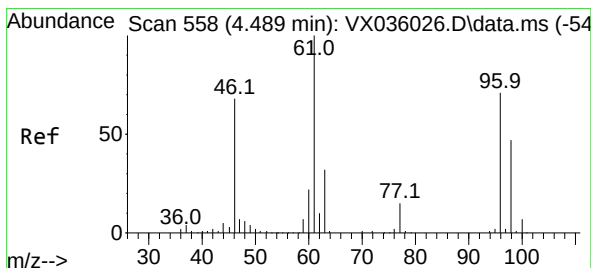
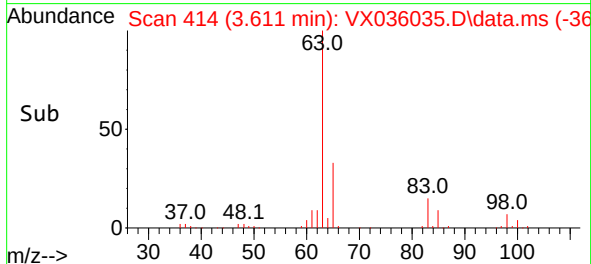
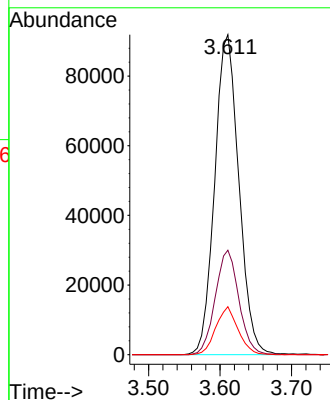
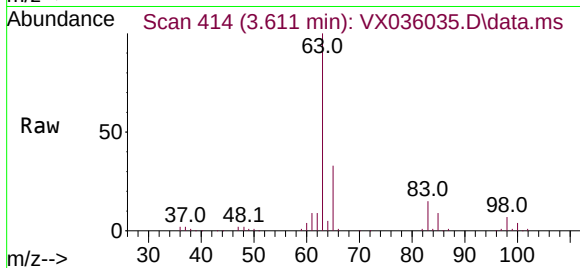
Tgt Ion: 63 Resp: 215410

Ion Ratio Lower Upper

63 100

65 32.6 22.6 42.0

83 15.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 57.792 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

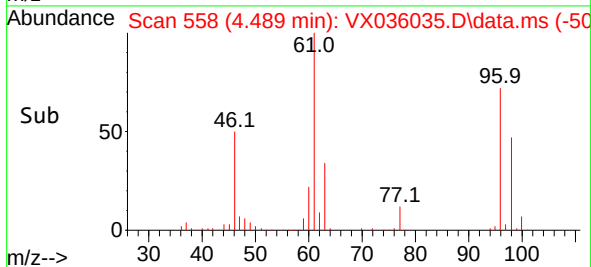
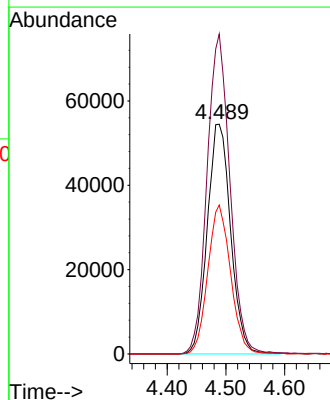
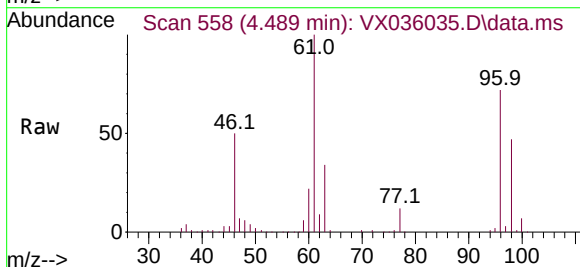
Tgt Ion: 96 Resp: 150462

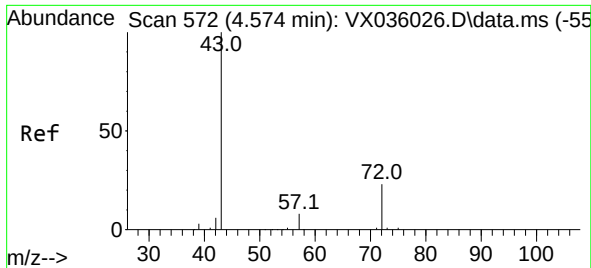
Ion Ratio Lower Upper

96 100

61 139.3 94.7 175.9

98 64.9 45.4 84.4

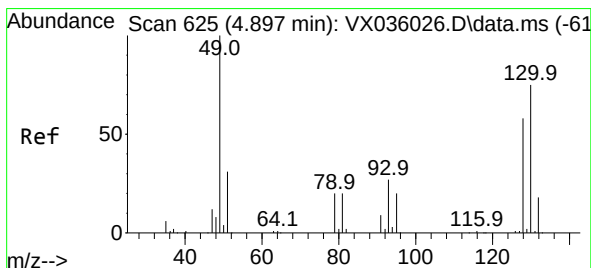
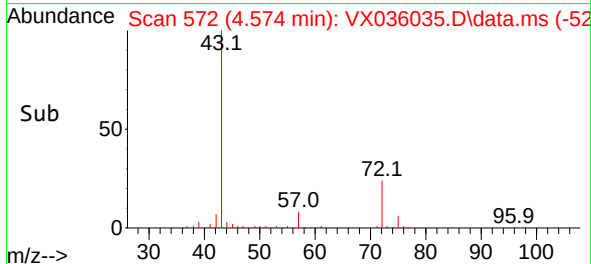
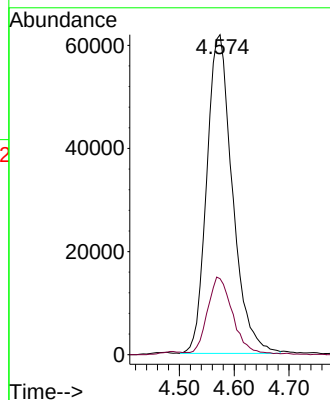
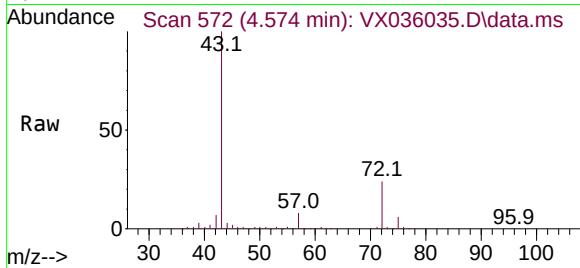




#22
2-Butanone
Concen: 89.833 ug/L
RT: 4.574 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

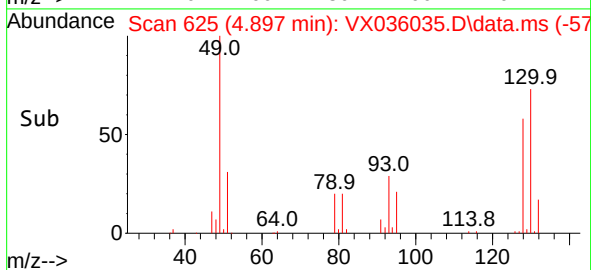
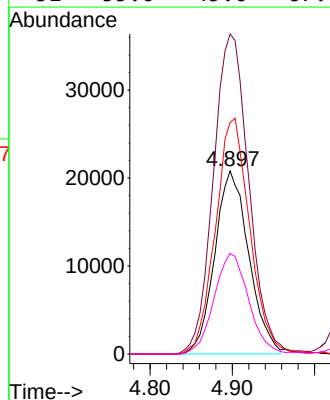
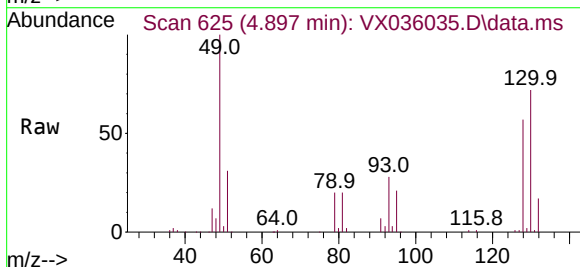
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

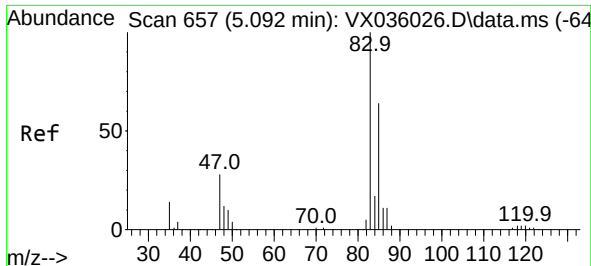
Tgt Ion: 43 Resp: 201210
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.1



#23
Bromochloromethane
Concen: 46.362 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 128 Resp: 59909
Ion Ratio Lower Upper
128 100
49 174.8 123.9 230.1
130 126.4 88.3 164.1
51 55.0 45.0 67.6

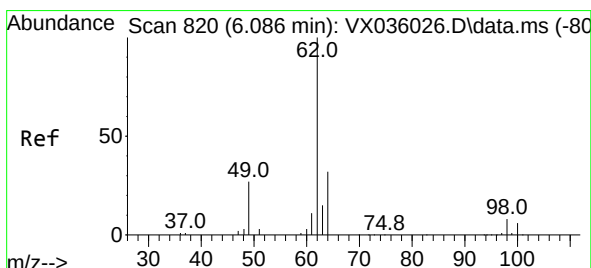
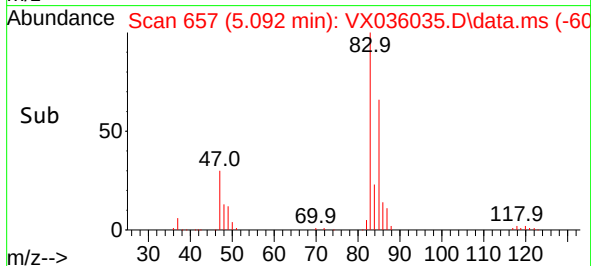
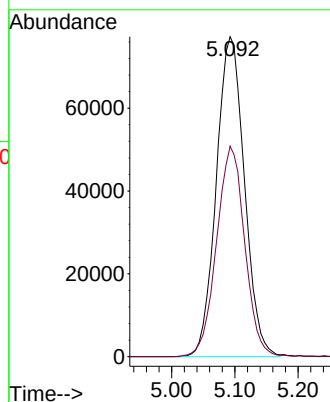
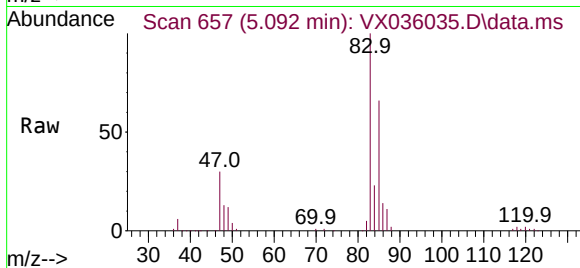




#25
Chloroform
Concen: 48.444 ug/L
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

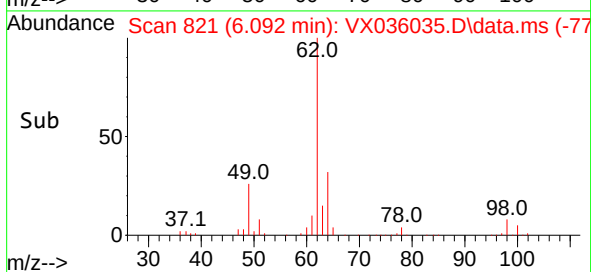
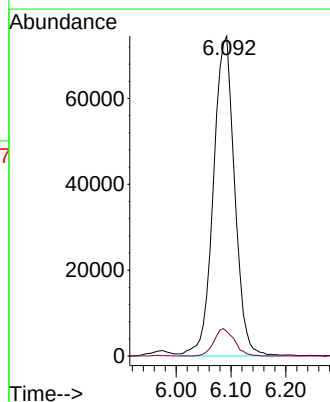
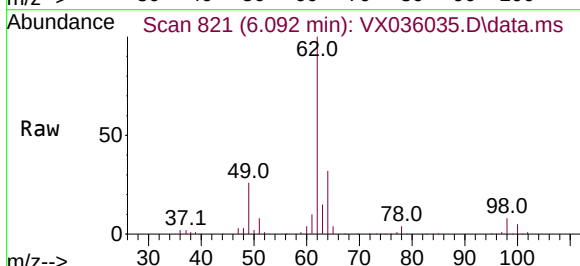
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

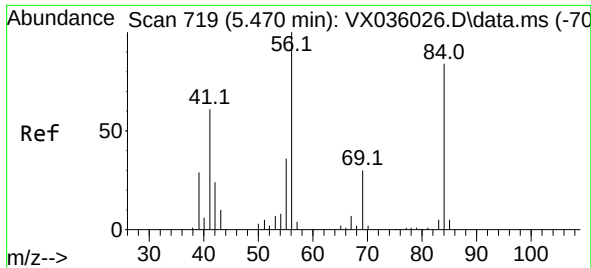
Tgt Ion: 83 Resp: 238390
Ion Ratio Lower Upper
83 100
85 65.7 45.0 83.6



#27
1,2-Dichloroethane
Concen: 47.771 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 62 Resp: 200580
Ion Ratio Lower Upper
62 100
98 7.6 6.4 9.6

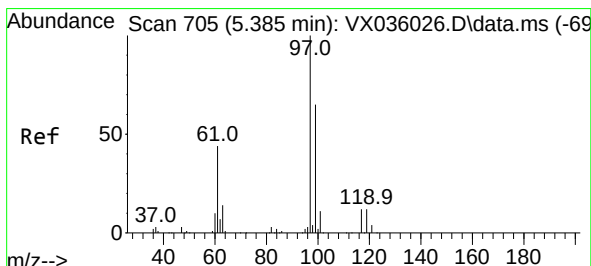
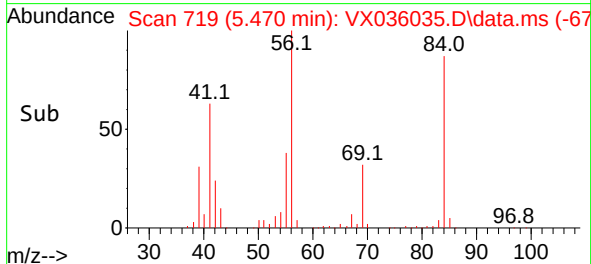
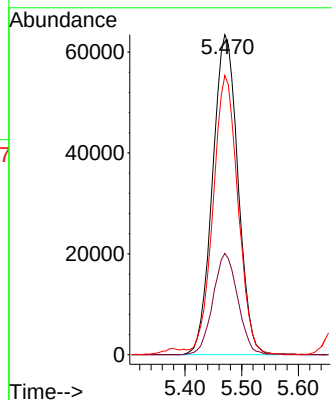
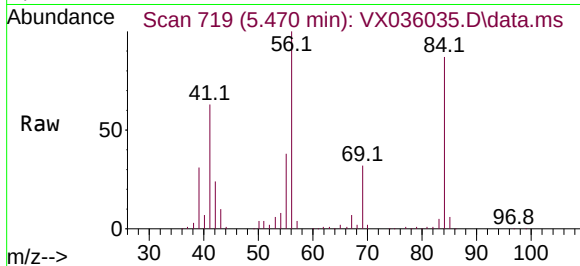




#29
Cyclohexane
Concen: 50.227 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

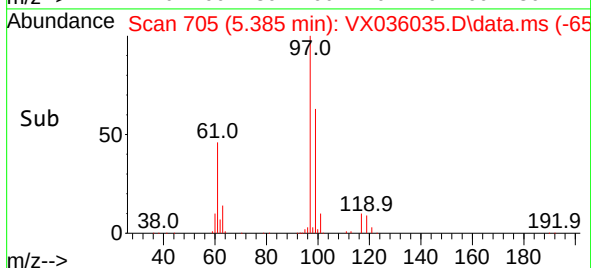
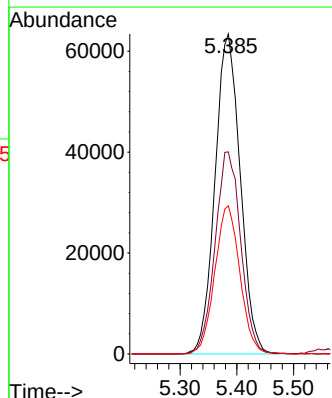
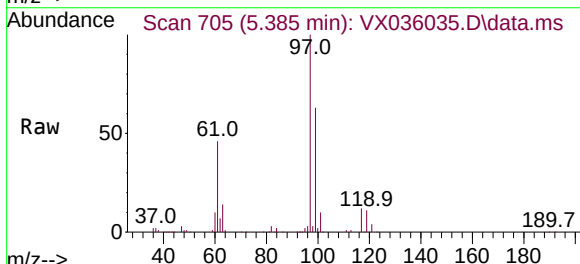
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

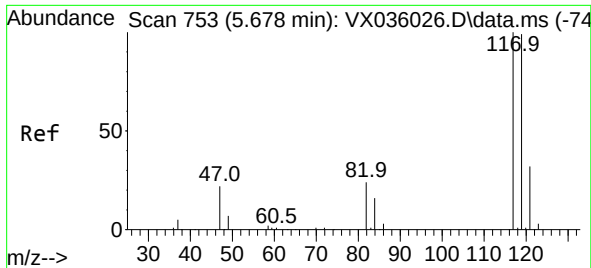
Tgt Ion:	56	Resp:	197101
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.3	36.5
84	85.7	68.4	102.6



#30
1,1,1-Trichloroethane
Concen: 50.053 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion:	97	Resp:	195971
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.9	77.9
61	46.1	38.0	57.0

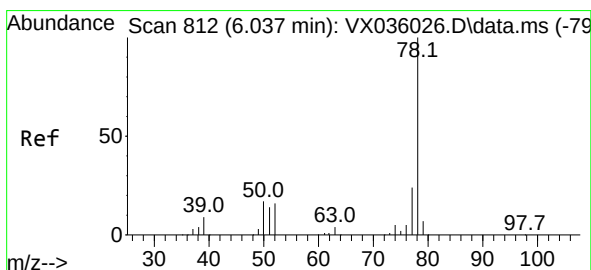
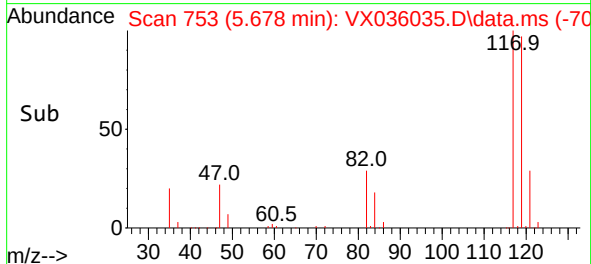
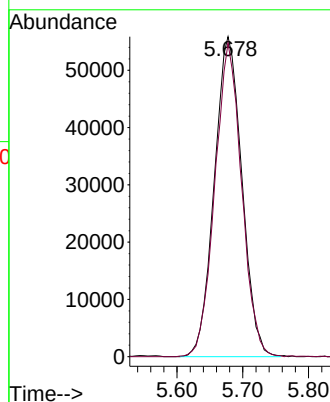
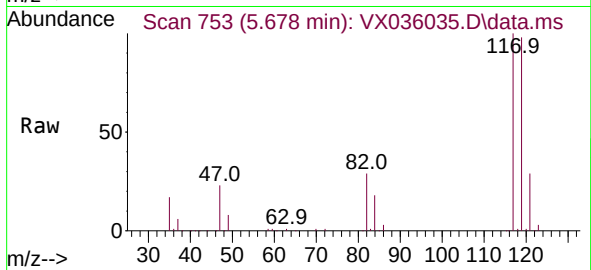




#31
Carbon tetrachloride
Concen: 50.189 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

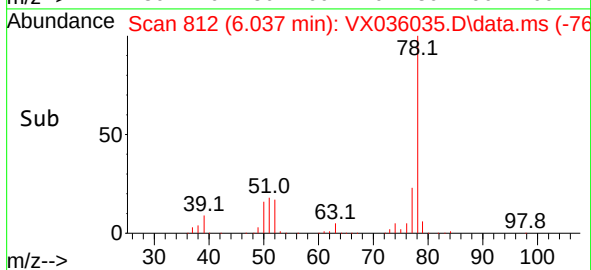
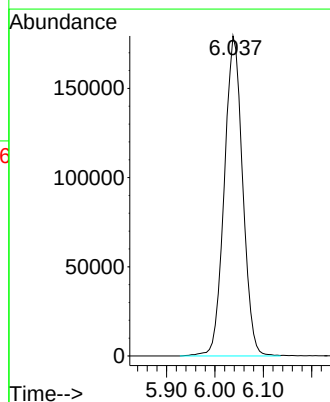
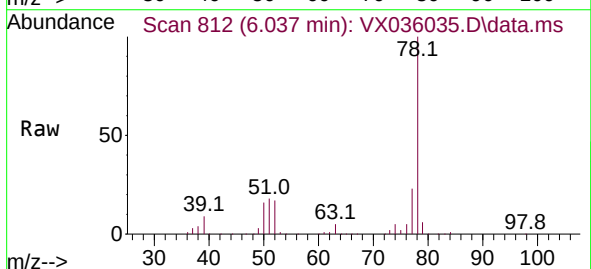
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

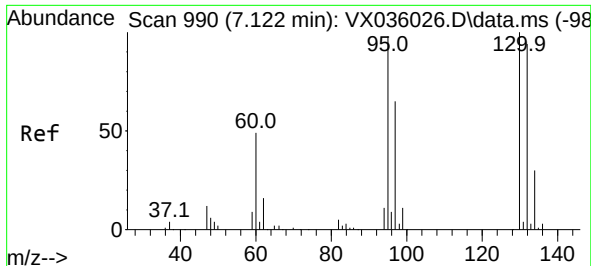
Tgt Ion:117 Resp: 163187
Ion Ratio Lower Upper
117 100
119 95.0 76.9 115.3



#33
Benzene
Concen: 50.325 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 78 Resp: 473690

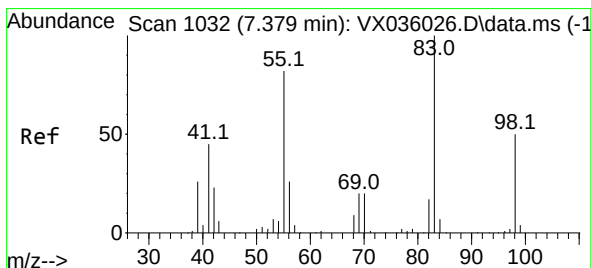
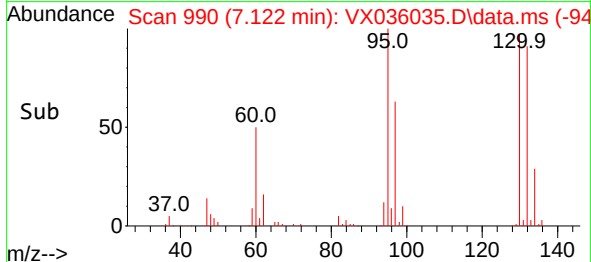
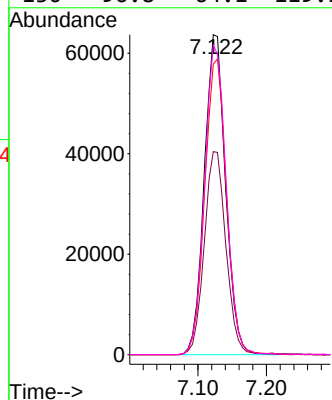
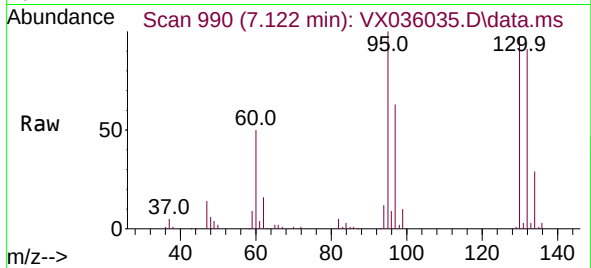




#34
Trichloroethene
Concen: 54.335 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

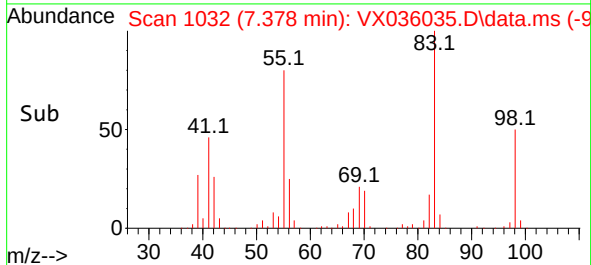
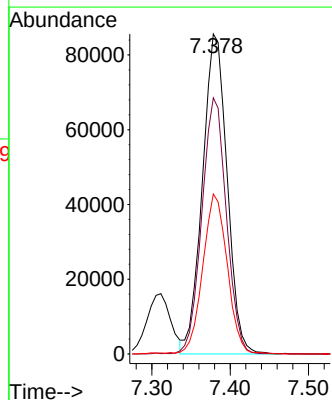
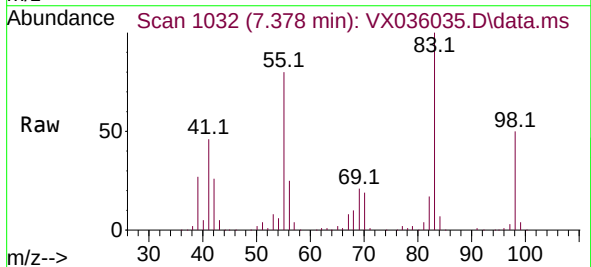
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

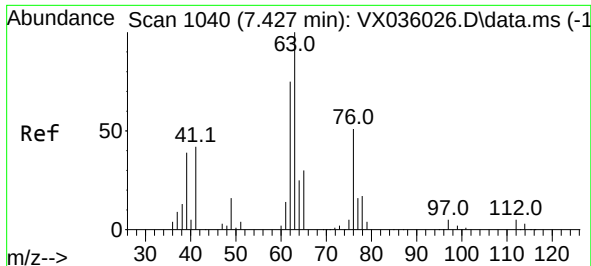
Tgt Ion: 95 Resp: 137747
Ion Ratio Lower Upper
95 100
97 63.5 43.6 81.0
132 90.9 59.9 111.3
130 96.8 64.1 119.1



#35
Methylcyclohexane
Concen: 50.374 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 83 Resp: 187469
Ion Ratio Lower Upper
83 100
55 79.2 65.4 98.2
98 48.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 50.048 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

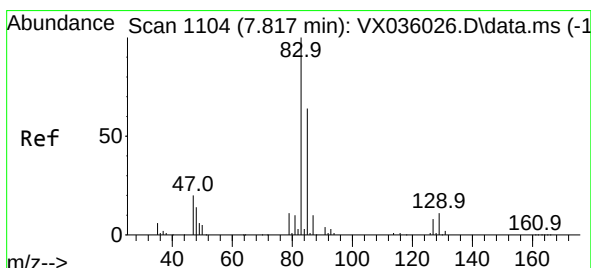
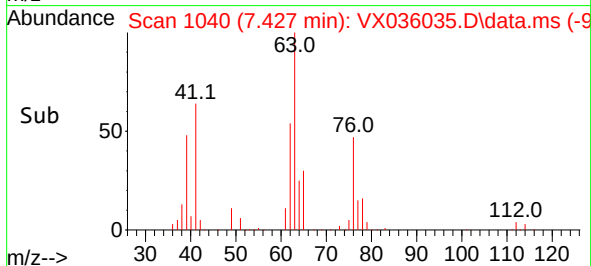
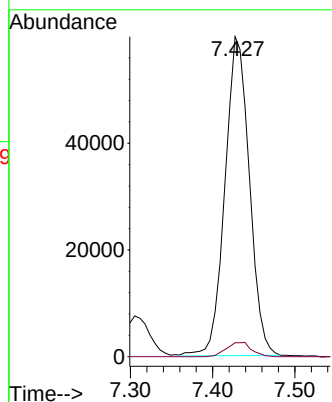
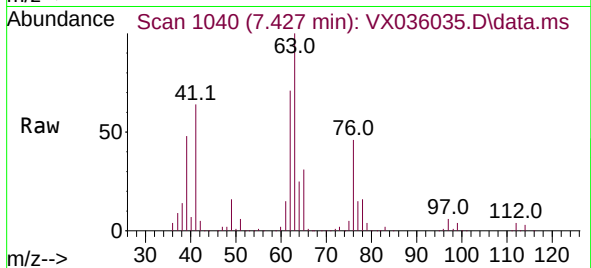
F6C06MSD

Tgt Ion: 63 Resp: 123639

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 49.181 ug/L

RT: 7.823 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

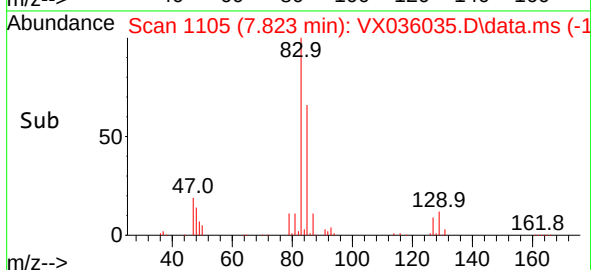
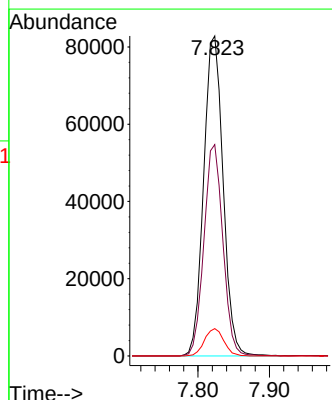
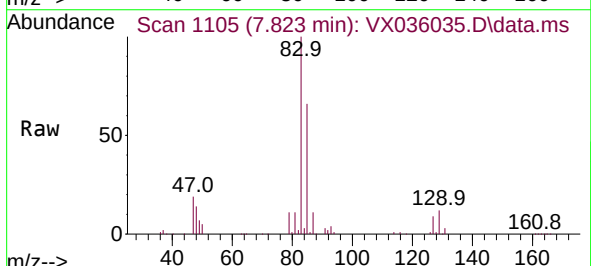
Tgt Ion: 83 Resp: 156635

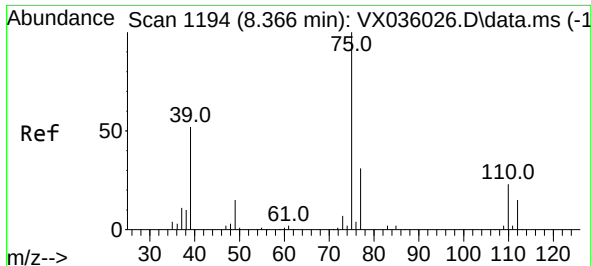
Ion Ratio Lower Upper

83 100

85 66.0 45.3 84.1

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 51.300 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

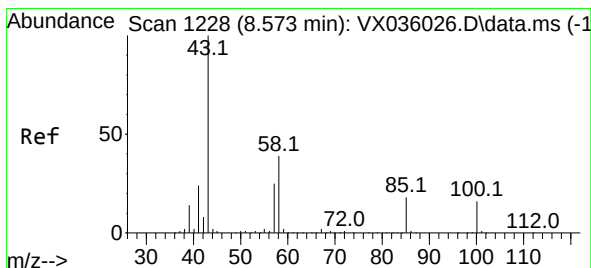
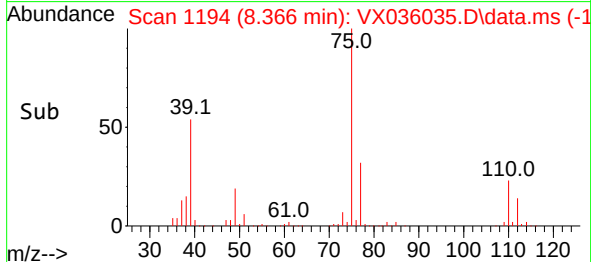
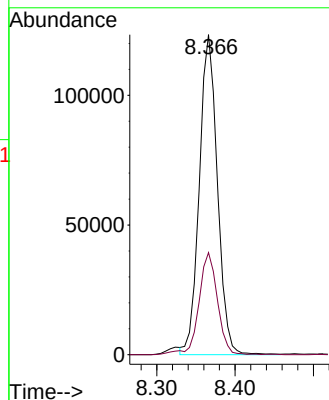
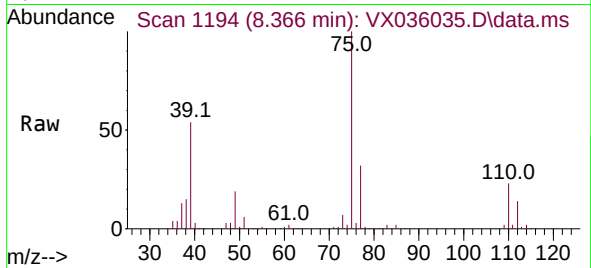
F6C06MSD

Tgt Ion: 75 Resp: 198008

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 106.120 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

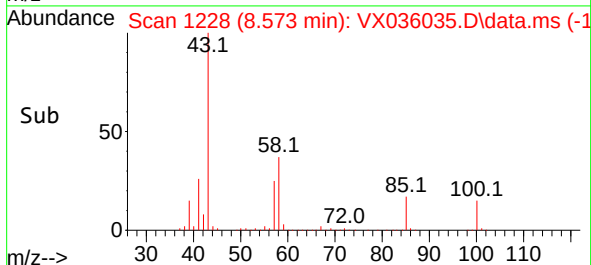
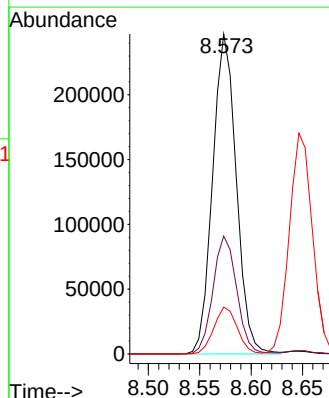
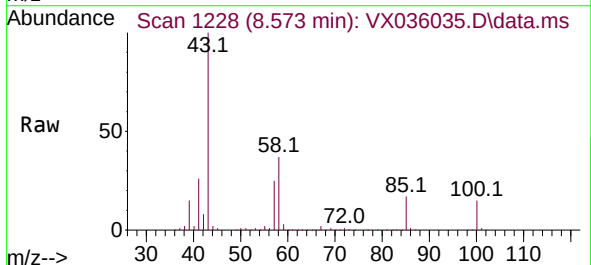
Tgt Ion: 43 Resp: 394827

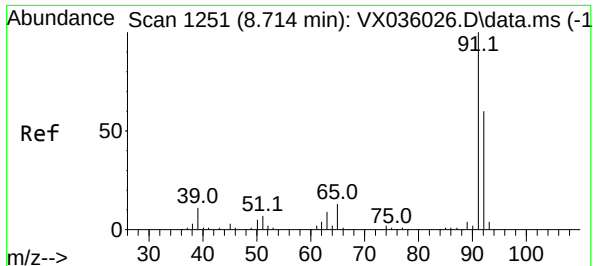
Ion Ratio Lower Upper

43 100

58 36.9 29.4 44.2

100 14.6 11.8 17.6





#42

Toluene

Concen: 49.506 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

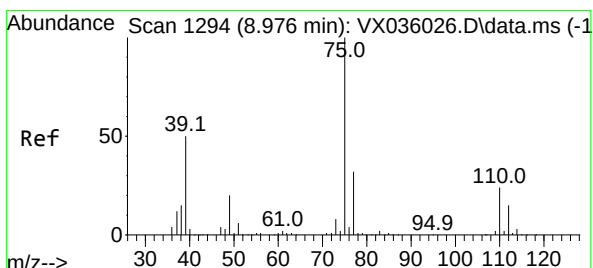
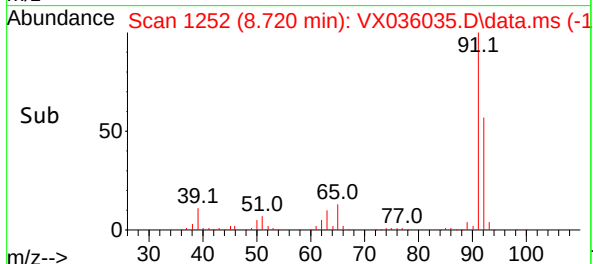
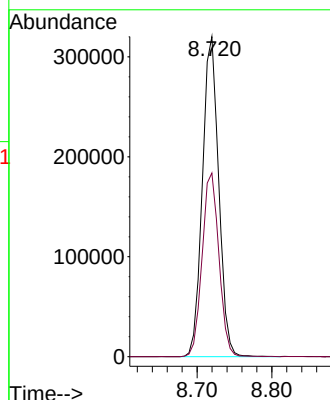
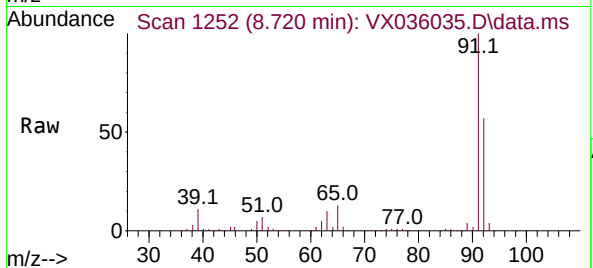
F6C06MSD

Tgt Ion: 91 Resp: 484647

Ion Ratio Lower Upper

91 100

92 57.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 50.549 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036035.D

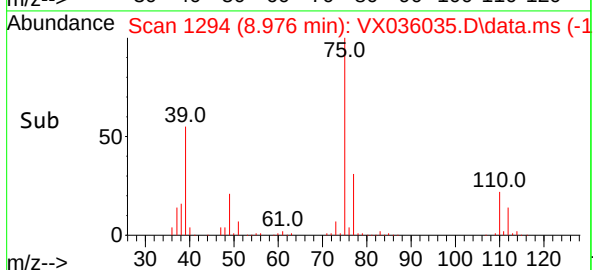
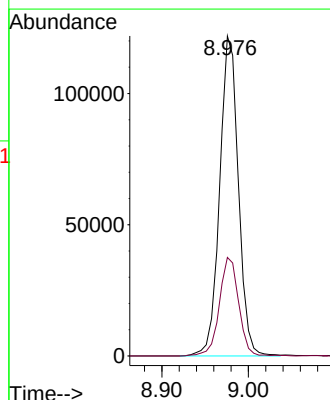
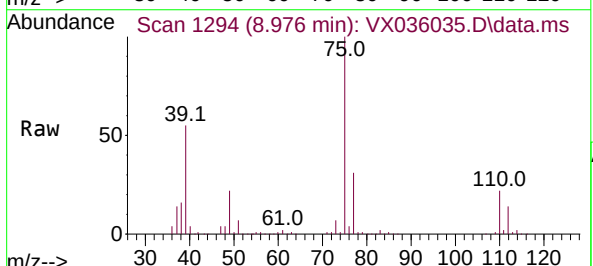
Acq: 06 Jun 2023 16:11

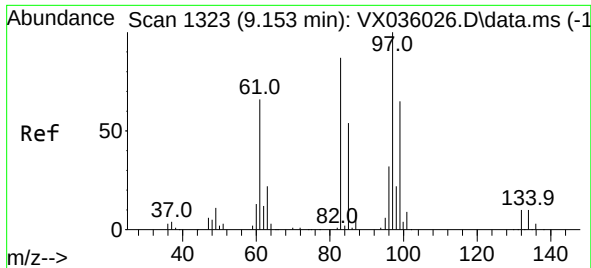
Tgt Ion: 75 Resp: 182698

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0

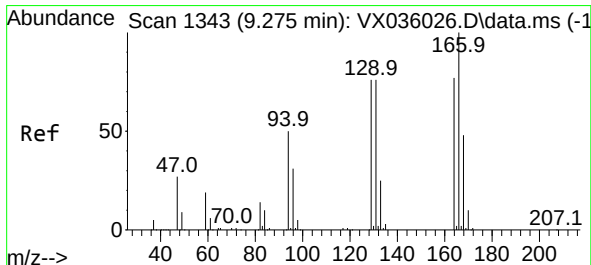
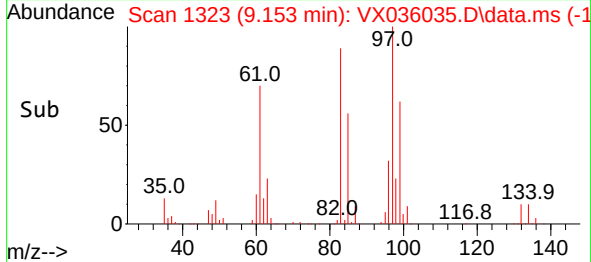
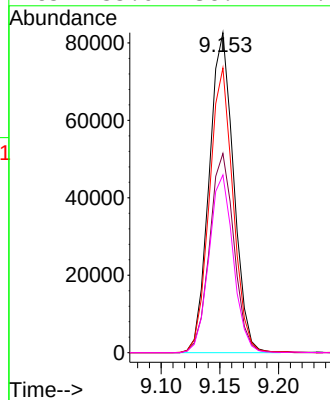
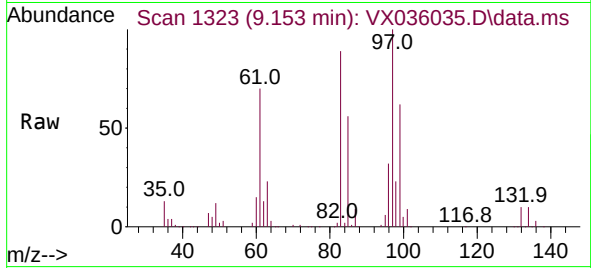




#45
1,1,2-Trichloroethane
Concen: 49.419 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

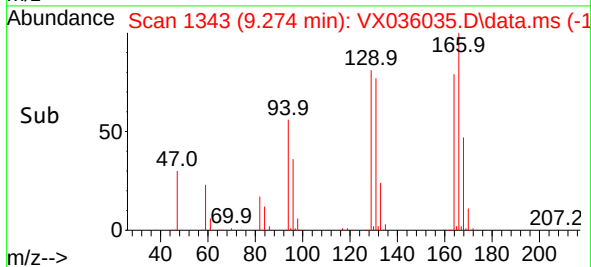
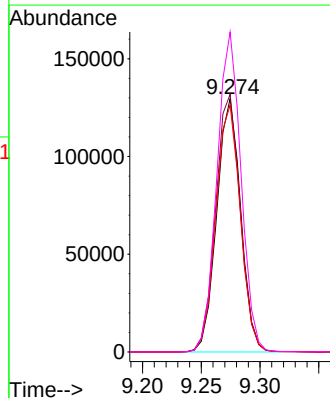
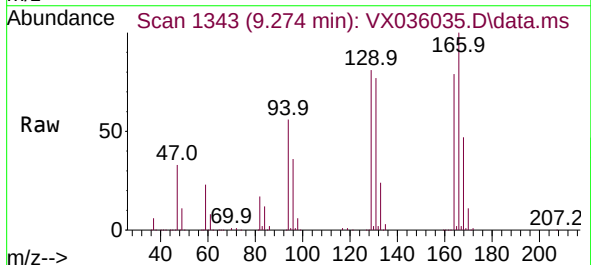
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

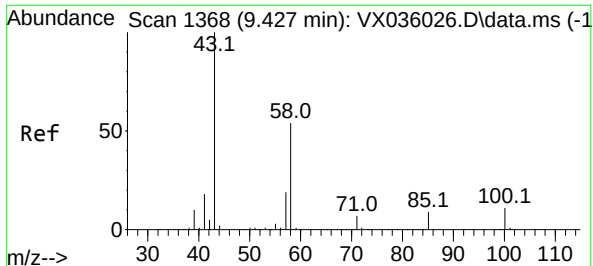
Tgt Ion:	97	Resp:	119484
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.9	79.7
83	89.0	61.0	113.2
85	55.6	38.7	71.9



#46
Tetrachloroethene
Concen: 103.696 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion:	164	Resp:	183831
Ion	Ratio	Lower	Upper
164	100		
129	101.8	74.8	139.0
131	97.5	68.9	127.9
166	126.3	86.8	161.2



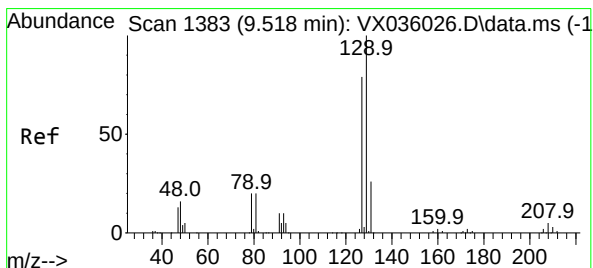
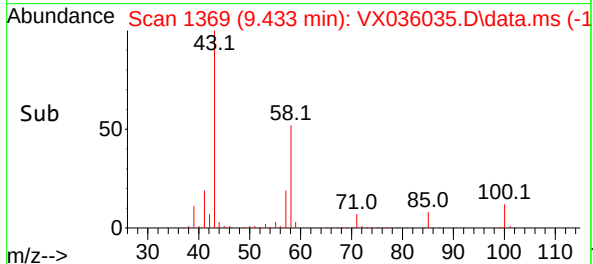
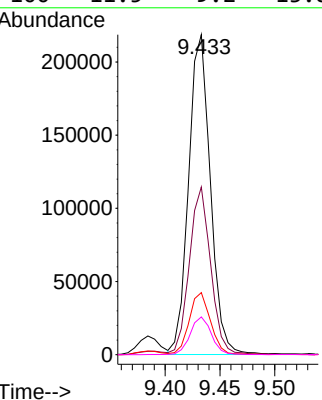
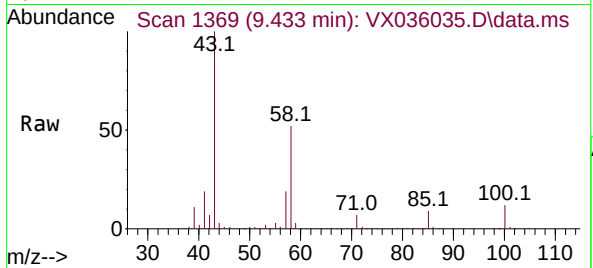


#48
2-Hexanone
Concen: 102.832 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

Tgt Ion: 43 Resp: 301890

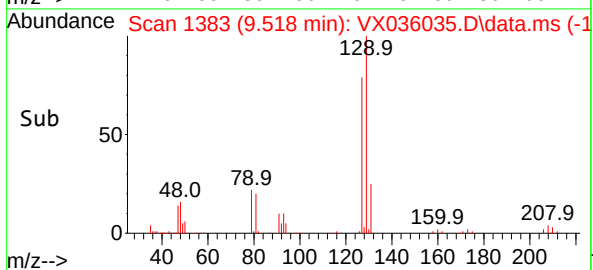
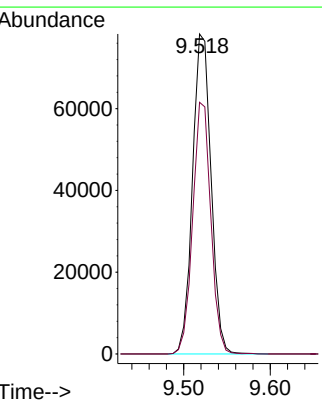
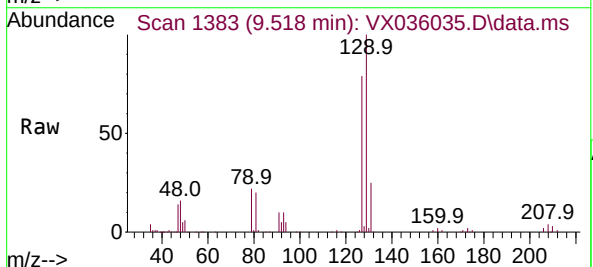
Ion	Ratio	Lower	Upper
43	100		
58	51.6	41.0	61.6
57	19.1	15.2	22.8
100	11.5	9.2	13.8

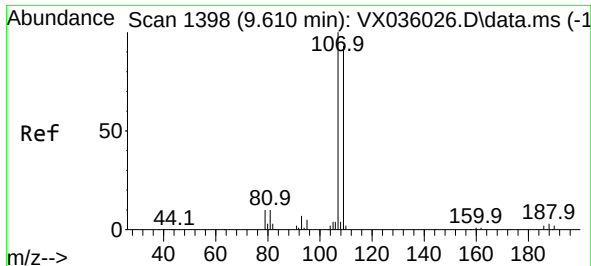


#49
Dibromochloromethane
Concen: 50.684 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 129 Resp: 116270

Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.3	98.9





#50

1,2-Dibromoethane

Concen: 49.860 ug/L

RT: 9.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

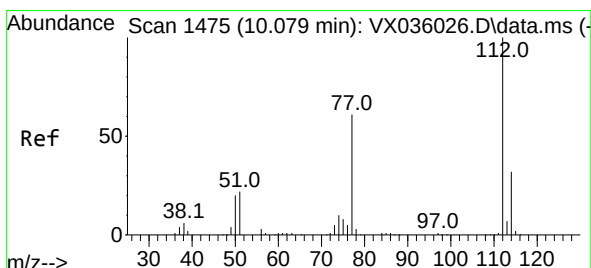
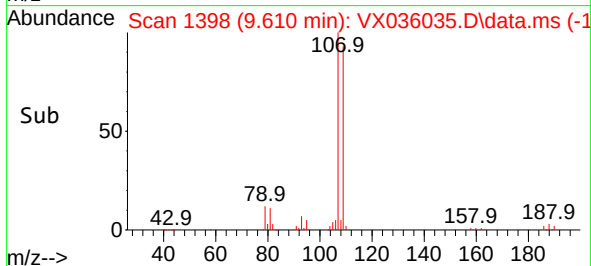
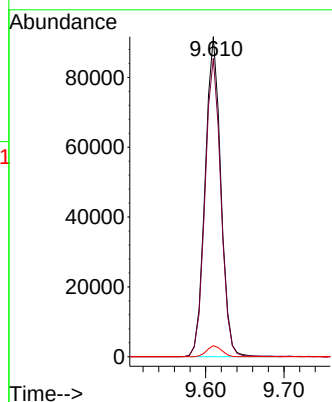
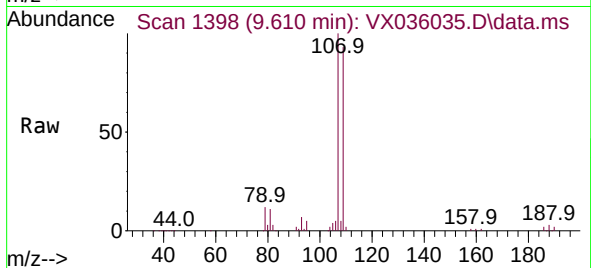
Tgt Ion:107 Resp: 127380

Ion Ratio Lower Upper

107 100

109 93.3 66.1 122.8

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 47.995 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

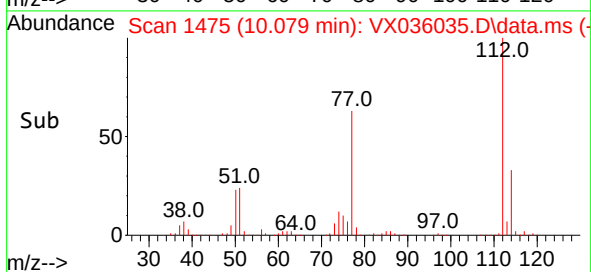
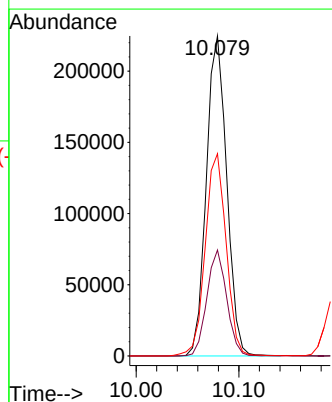
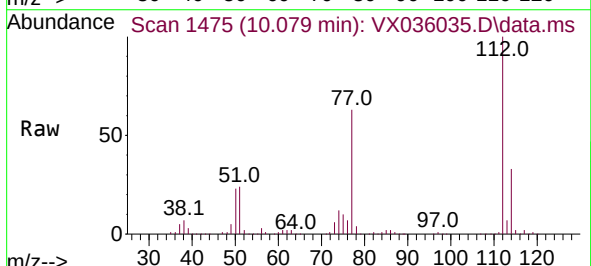
Tgt Ion:112 Resp: 309125

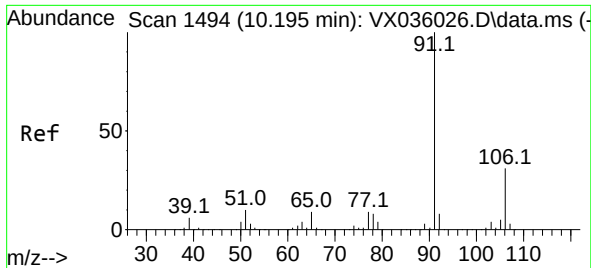
Ion Ratio Lower Upper

112 100

114 33.1 22.7 42.3

77 63.2 50.6 75.8

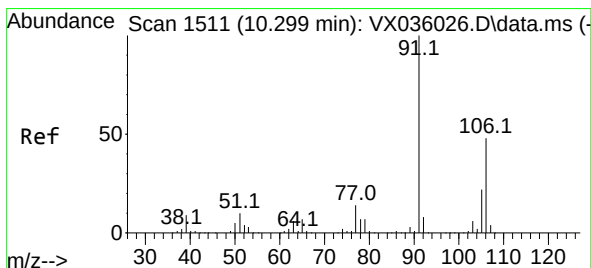
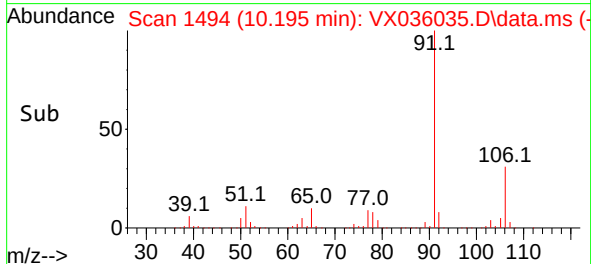
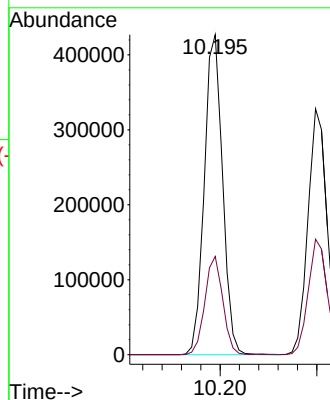
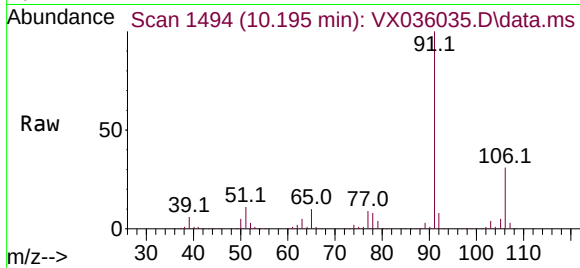




#52
Ethylbenzene
Concen: 49.745 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

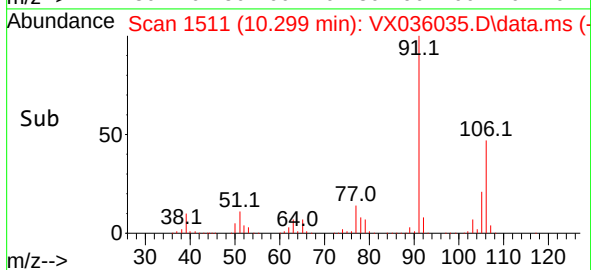
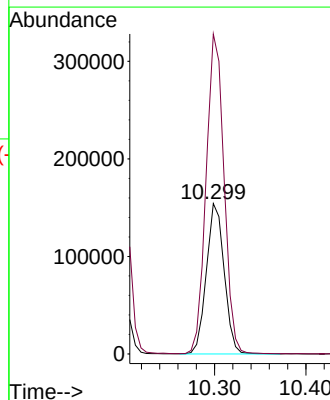
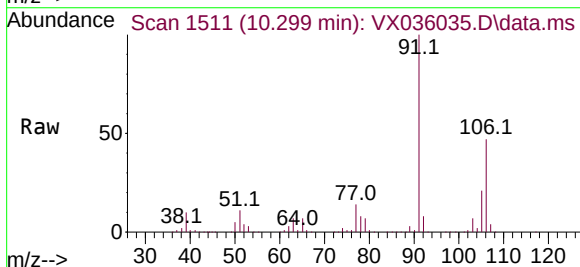
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

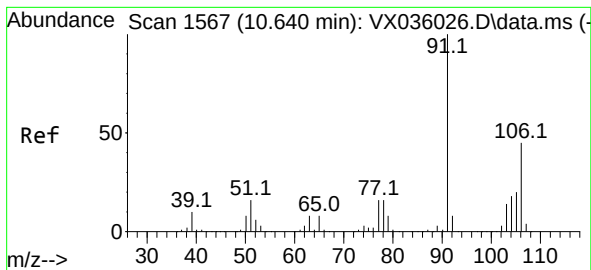
Tgt Ion: 91 Resp: 560886
Ion Ratio Lower Upper
91 100
106 30.7 20.8 38.6



#53
m,p-Xylene
Concen: 48.751 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 106 Resp: 208458
Ion Ratio Lower Upper
106 100
91 212.7 149.8 278.2





#54

o-Xylene

Concen: 49.538 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

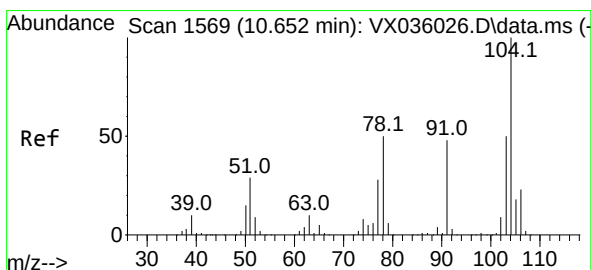
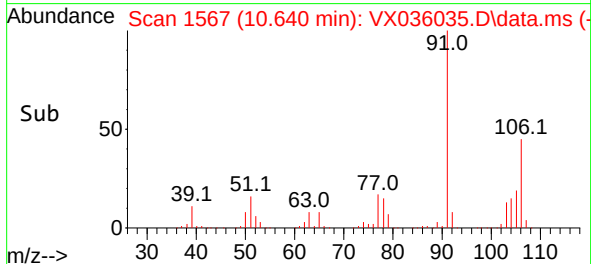
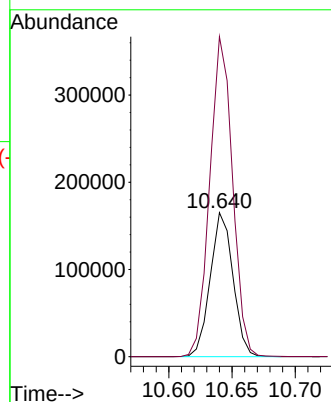
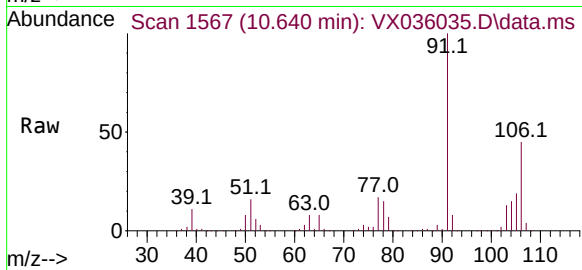
F6C06MSD

Tgt Ion:106 Resp: 207043

Ion Ratio Lower Upper

106 100

91 222.1 156.9 291.5



#55

Styrene

Concen: 49.680 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036035.D

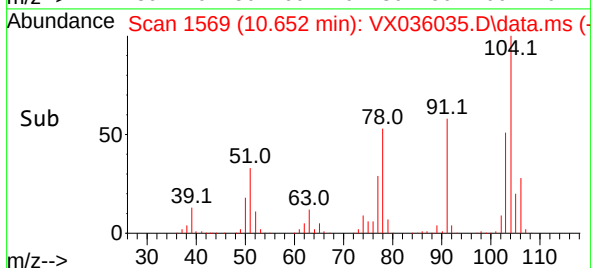
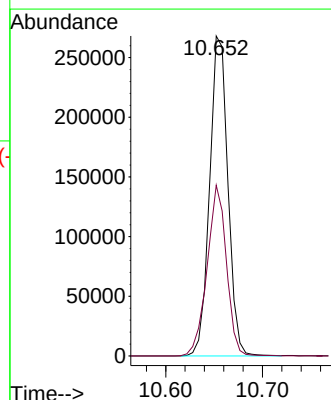
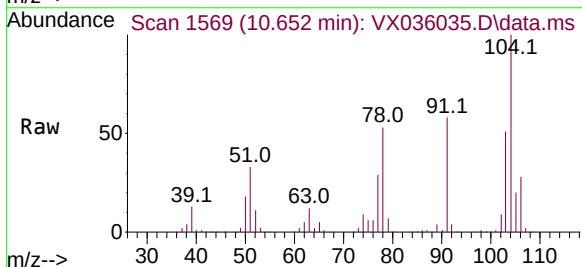
Acq: 06 Jun 2023 16:11

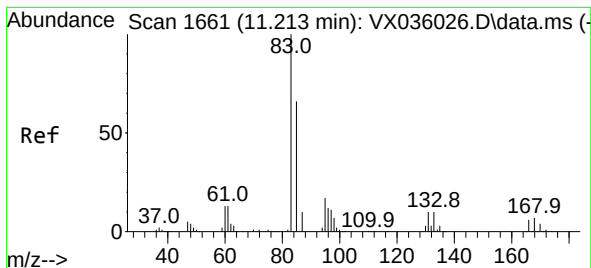
Tgt Ion:104 Resp: 352885

Ion Ratio Lower Upper

104 100

78 53.3 36.1 67.1

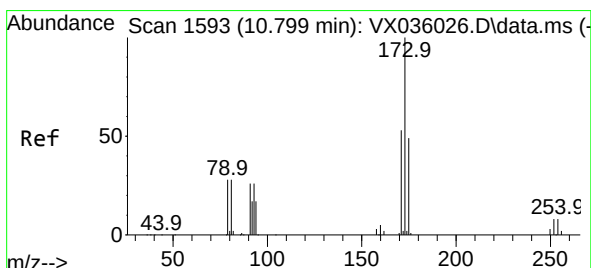
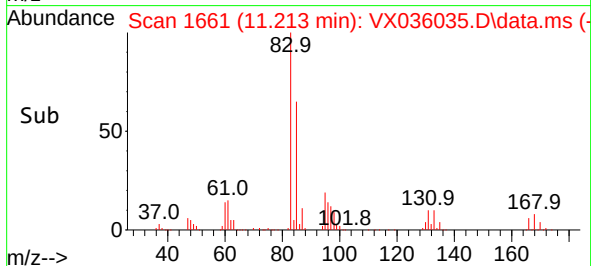
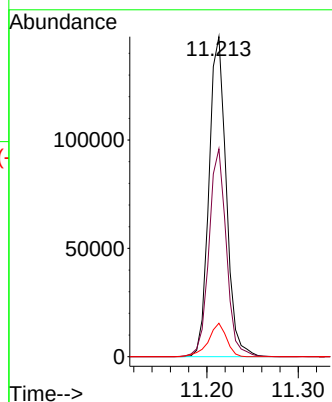
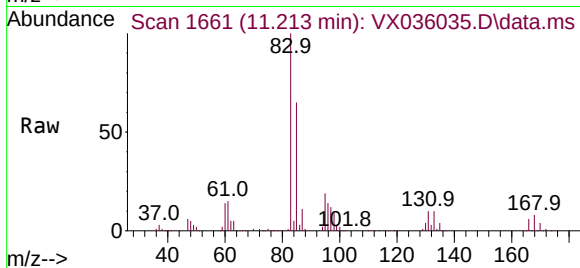




#57
1,1,2,2-Tetrachloroethane
Concen: 50.864 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

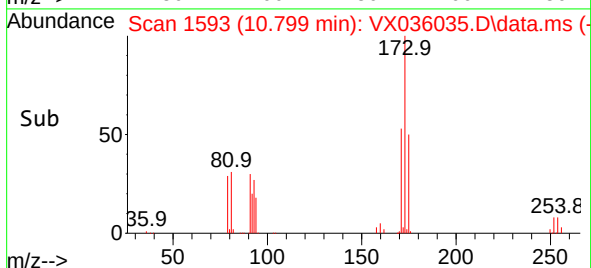
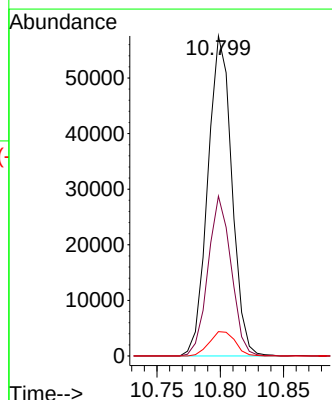
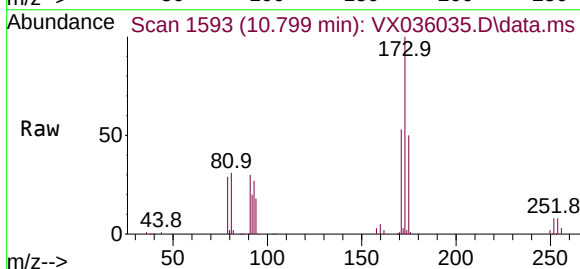
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

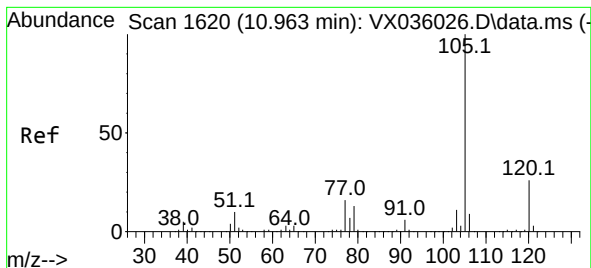
Tgt Ion: 83 Resp: 193294
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8
131 10.5 8.1 12.1



#59
Bromoform
Concen: 51.153 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion: 173 Resp: 76027
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 8.2 6.6 10.0





#60

Isopropylbenzene

Concen: 50.952 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

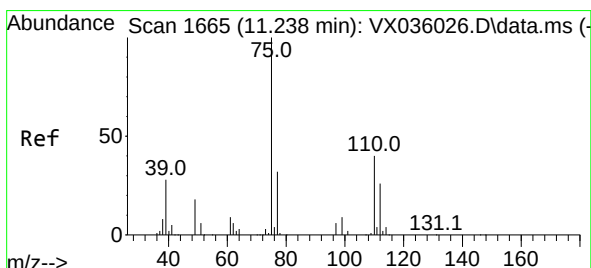
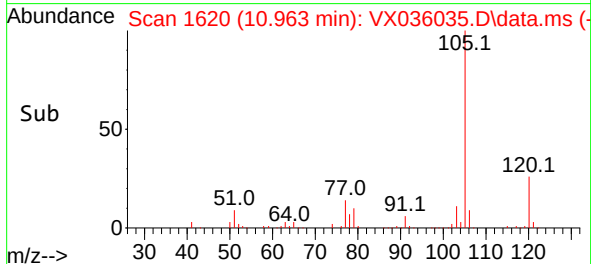
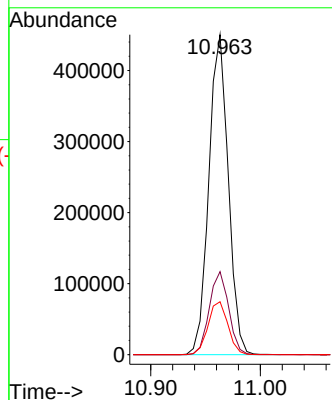
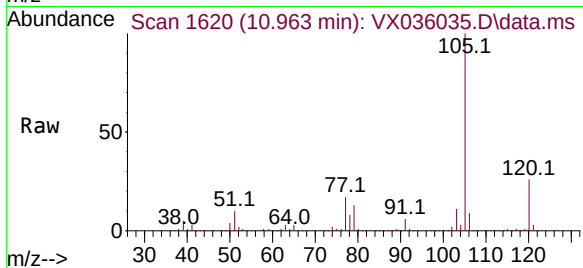
Tgt Ion:105 Resp: 554484

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 17.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 51.925 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

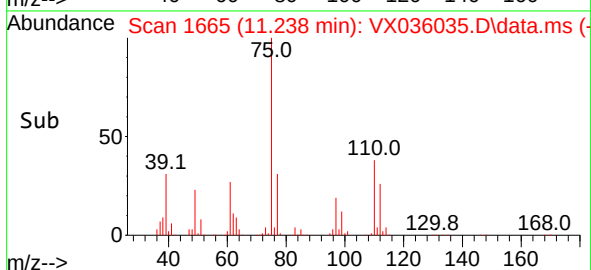
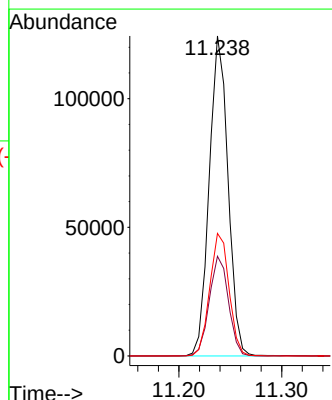
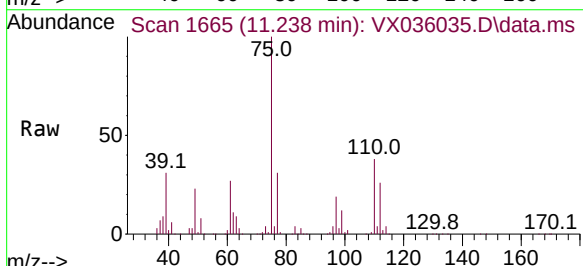
Tgt Ion: 75 Resp: 157855

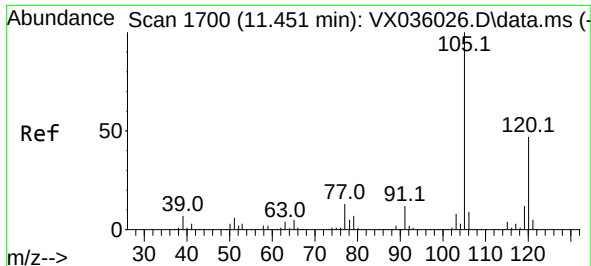
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 39.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 51.195 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

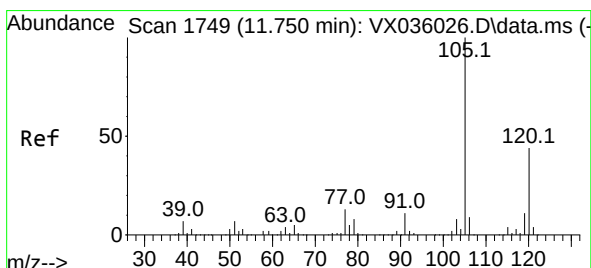
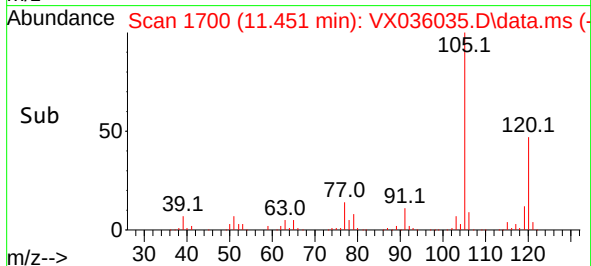
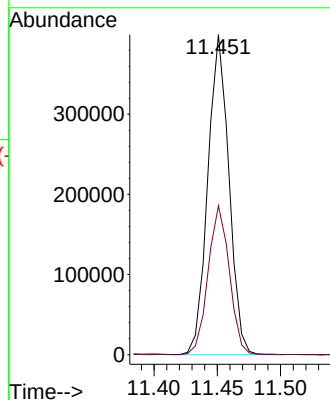
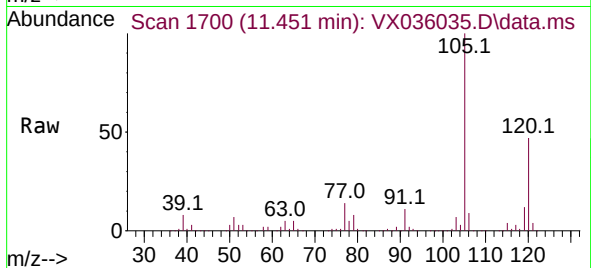
F6C06MSD

Tgt Ion:105 Resp: 463379

Ion Ratio Lower Upper

105 100

120 46.8 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 51.002 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036035.D

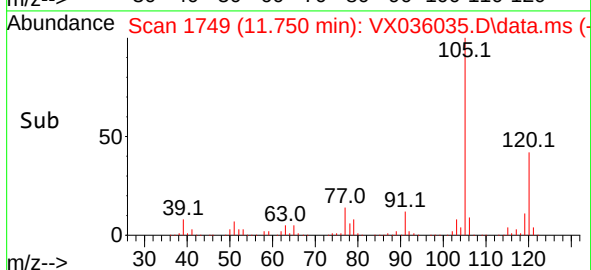
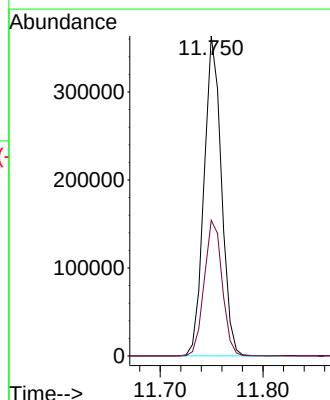
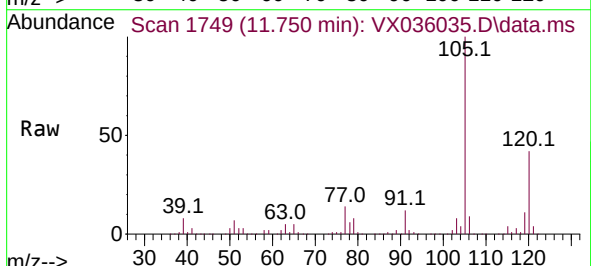
Acq: 06 Jun 2023 16:11

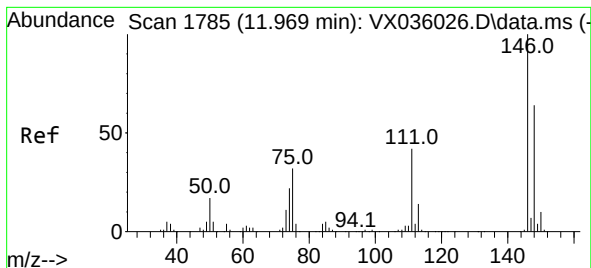
Tgt Ion:105 Resp: 427192

Ion Ratio Lower Upper

105 100

120 43.8 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 49.691 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

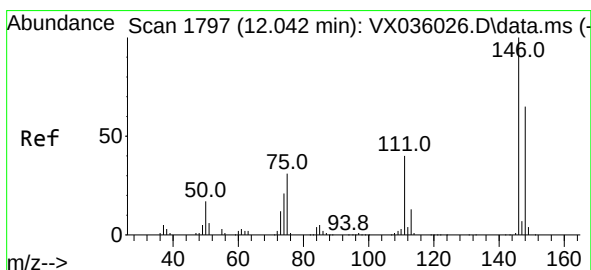
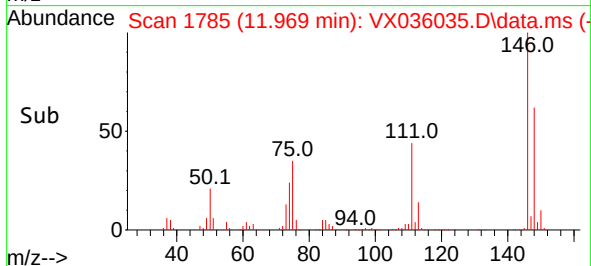
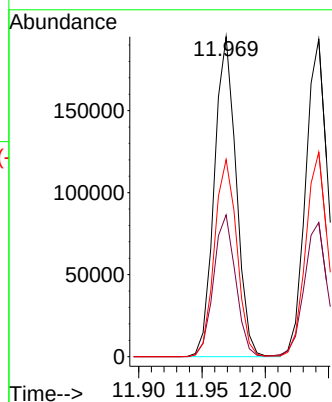
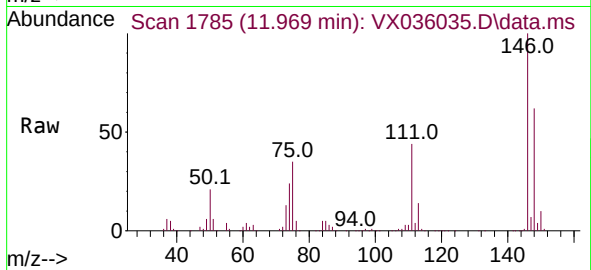
Tgt Ion:146 Resp: 234173

Ion Ratio Lower Upper

146 100

111 44.3 30.9 57.3

148 61.6 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 48.546 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

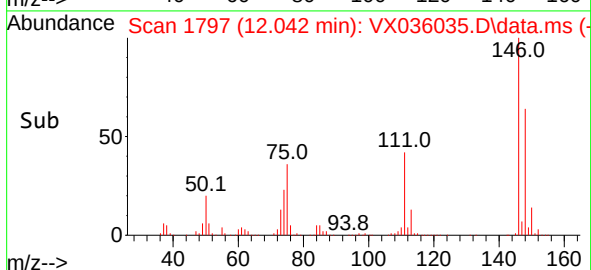
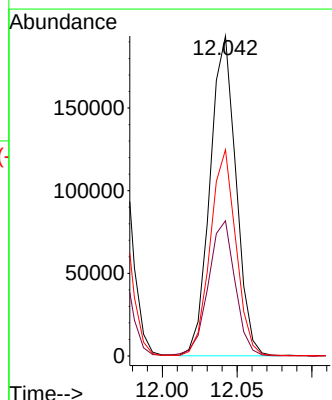
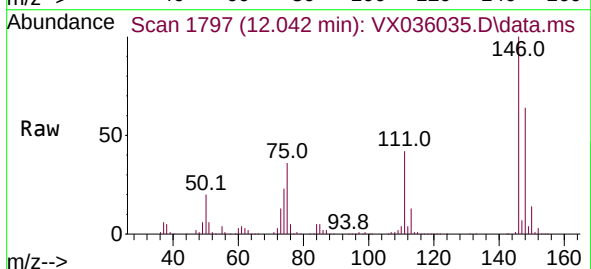
Tgt Ion:146 Resp: 234012

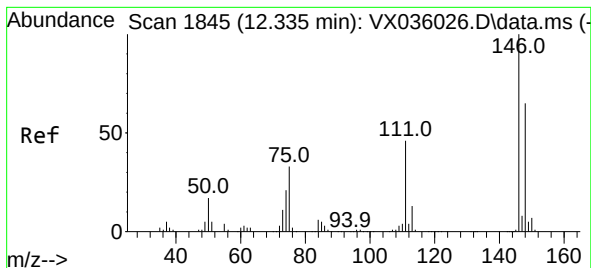
Ion Ratio Lower Upper

146 100

111 42.3 28.8 53.4

148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 49.860 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

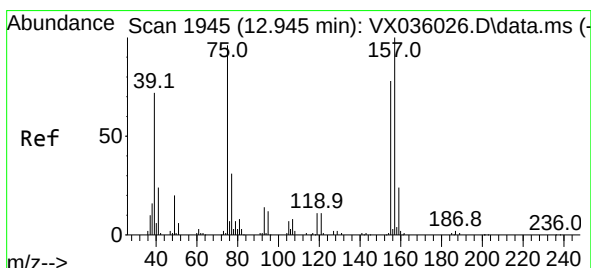
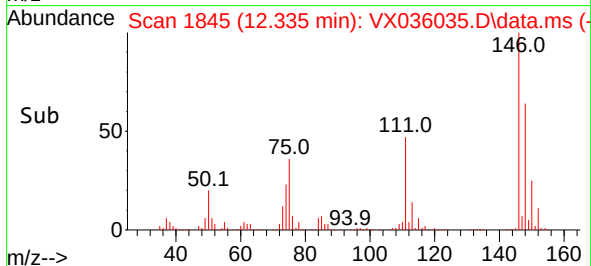
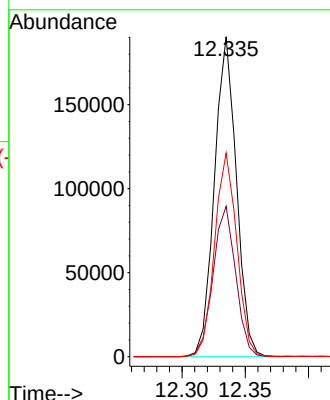
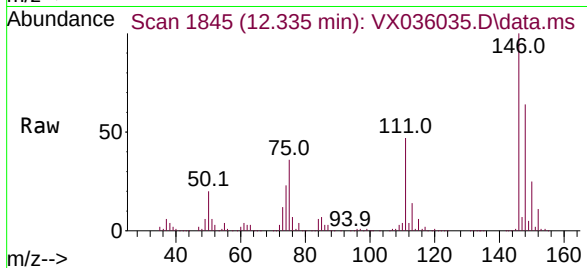
Tgt Ion:146 Resp: 229539

Ion Ratio Lower Upper

146 100

111 47.0 37.0 55.4

148 63.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 53.215 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

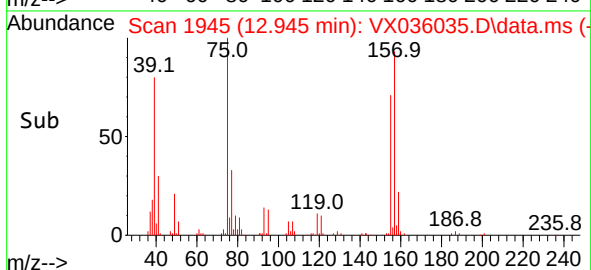
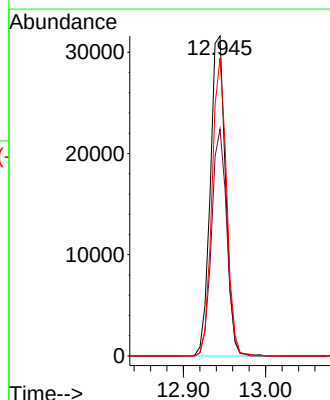
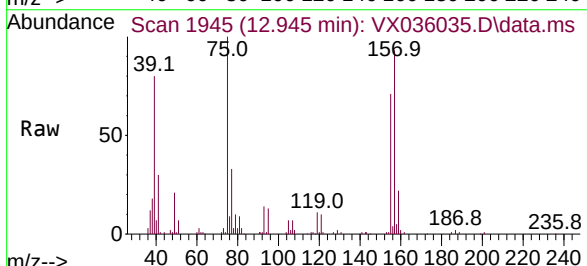
Tgt Ion: 75 Resp: 40856

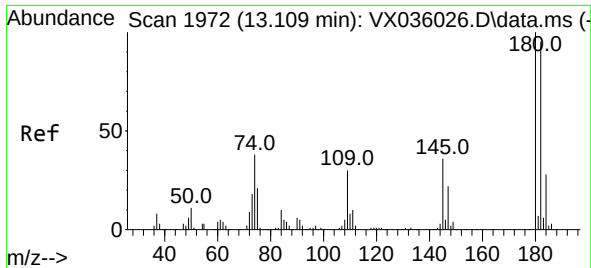
Ion Ratio Lower Upper

75 100

155 70.9 57.0 85.6

157 93.1 75.2 112.8

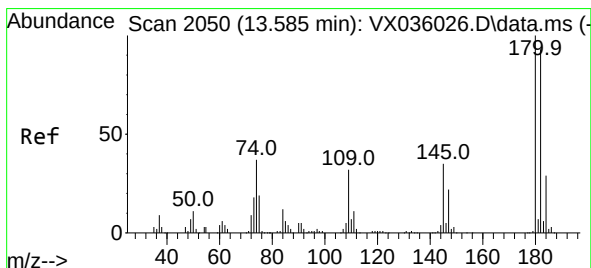
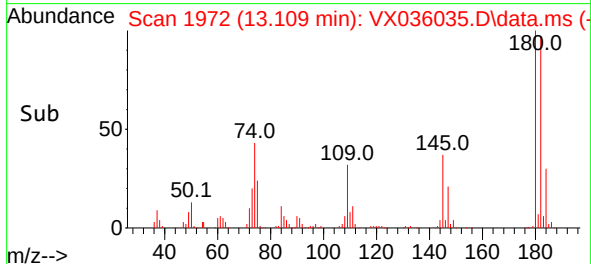
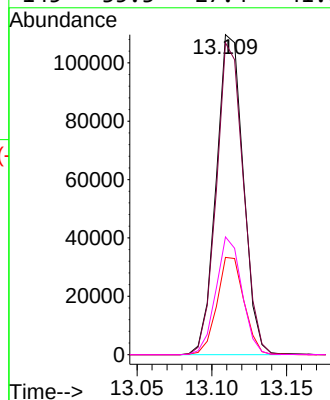
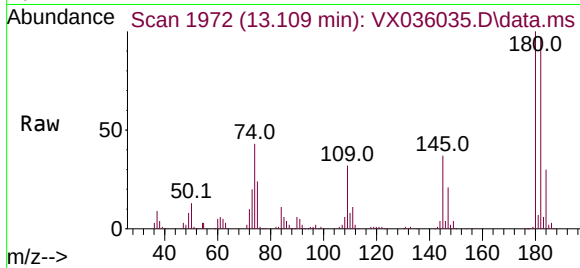




#69
1,3,5-Trichlorobenzene
Concen: 48.005 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

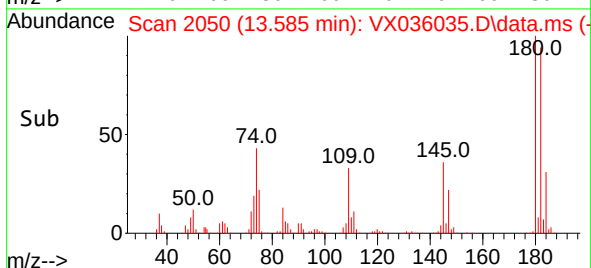
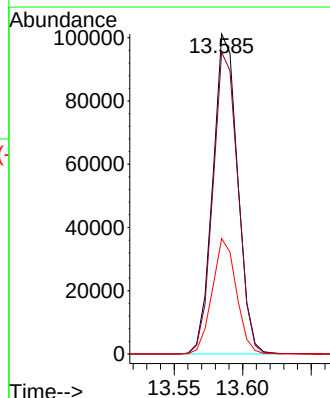
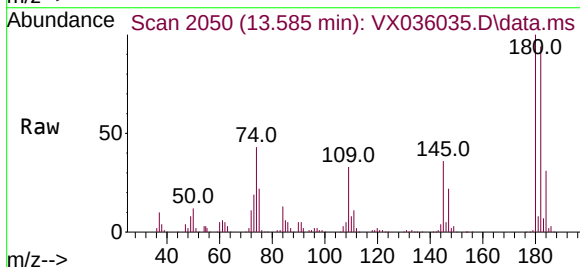
Instrument :
MSVOA_X
ClientSampleId :
F6C06MSD

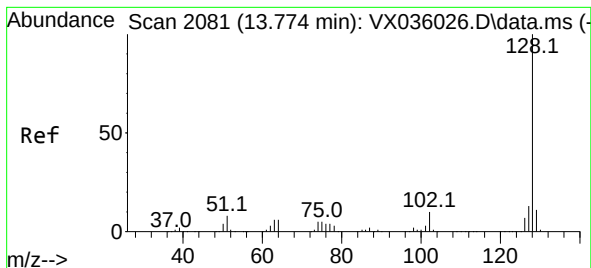
Tgt Ion:180 Resp: 138468
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
184 30.3 23.8 35.8
145 35.3 27.4 41.0



#70
1,2,4-trichlorobenzene
Concen: 48.372 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036035.D
Acq: 06 Jun 2023 16:11

Tgt Ion:180 Resp: 127452
Ion Ratio Lower Upper
180 100
182 94.8 74.6 112.0
145 35.1 28.6 42.8





#71

Naphthalene

Concen: 51.243 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

F6C06MSD

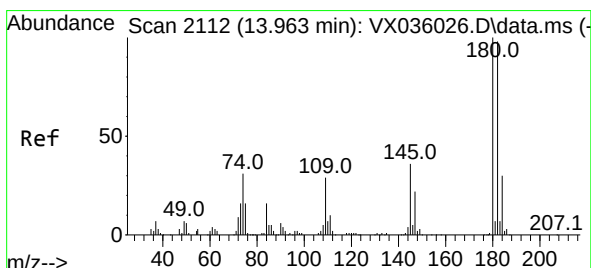
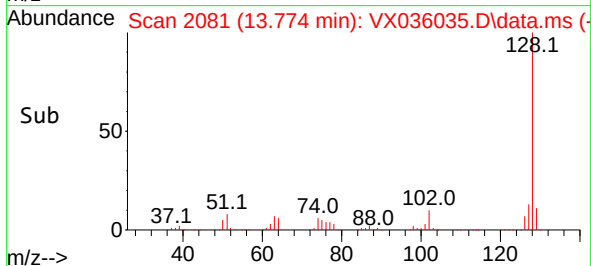
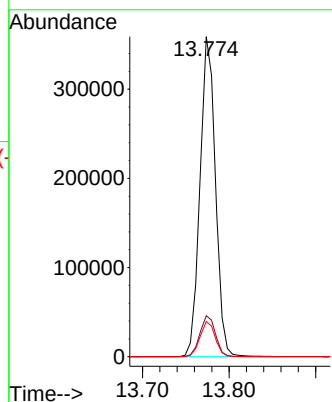
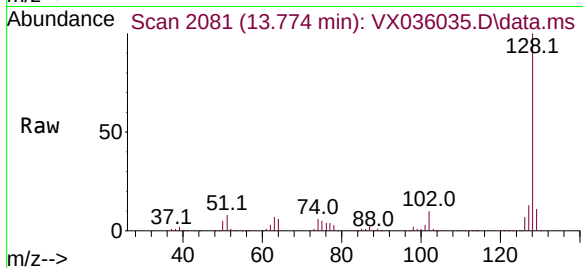
Tgt Ion:128 Resp: 444064

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 47.610 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036035.D

Acq: 06 Jun 2023 16:11

Tgt Ion:180 Resp: 124737

Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.2

145 36.6 29.4 44.0

