

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036091.D
 Acq On : 08 Jun 2023 23:18
 Operator : JC/MD
 Sample : 03097-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EZEN4MS

Quant Time: Jun 09 02:25:41 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	299226	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282846	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	141153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95616	47.032	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.060%
7) Chloroethane-d5	1.672	69	79431	50.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.880%
11) 1,1-Dichloroethene-d2	2.306	65	50210	48.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.420%
21) 2-Butanone-d5	4.477	46	166078	99.665	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.660%
24) Chloroform-d	5.056	84	219018	51.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	5.952	65	158732	51.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.620%
32) Benzene-d6	5.976	84	406745	47.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	7.306	67	130918	49.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	8.647	98	375400	47.936	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.880%
43) trans-1,3-Dichloroprop...	8.952	79	59684	47.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.020%
47) 2-Hexanone-d5	9.384	63	119281	101.288	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.290%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	181983	50.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	136744	49.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	133089	46.702	ug/L	99
3) Chloromethane	1.294	50	121028	45.076	ug/L	98
5) Vinyl chloride	1.374	62	119103	47.857	ug/L	97
6) Bromomethane	1.618	94	65447	45.138	ug/L	99
8) Chloroethane	1.691	64	72927	49.400	ug/L	99
9) Trichlorofluoromethane	1.892	101	173687	49.616	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109036	47.722	ug/L	99
12) 1,1-Dichloroethene	2.319	96	96042	48.302	ug/L	92
13) Acetone	2.410	43	108965	61.890	ug/L	100
14) Carbon disulfide	2.514	76	244497	44.807	ug/L	100
15) Methyl Acetate	2.709	43	121872	44.739	ug/L	99
16) Methylene chloride	2.788	84	109145	47.804	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	98887	46.419	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	369401	48.736	ug/L	99
19) 1,1-Dichloroethane	3.611	63	204499	48.149	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	114120	46.689	ug/L	99
22) 2-Butanone	4.574	43	173648	82.577	ug/L	100
23) Bromochloromethane	4.897	128	55561	45.798	ug/L	99
25) Chloroform	5.093	83	223269	48.326	ug/L	99

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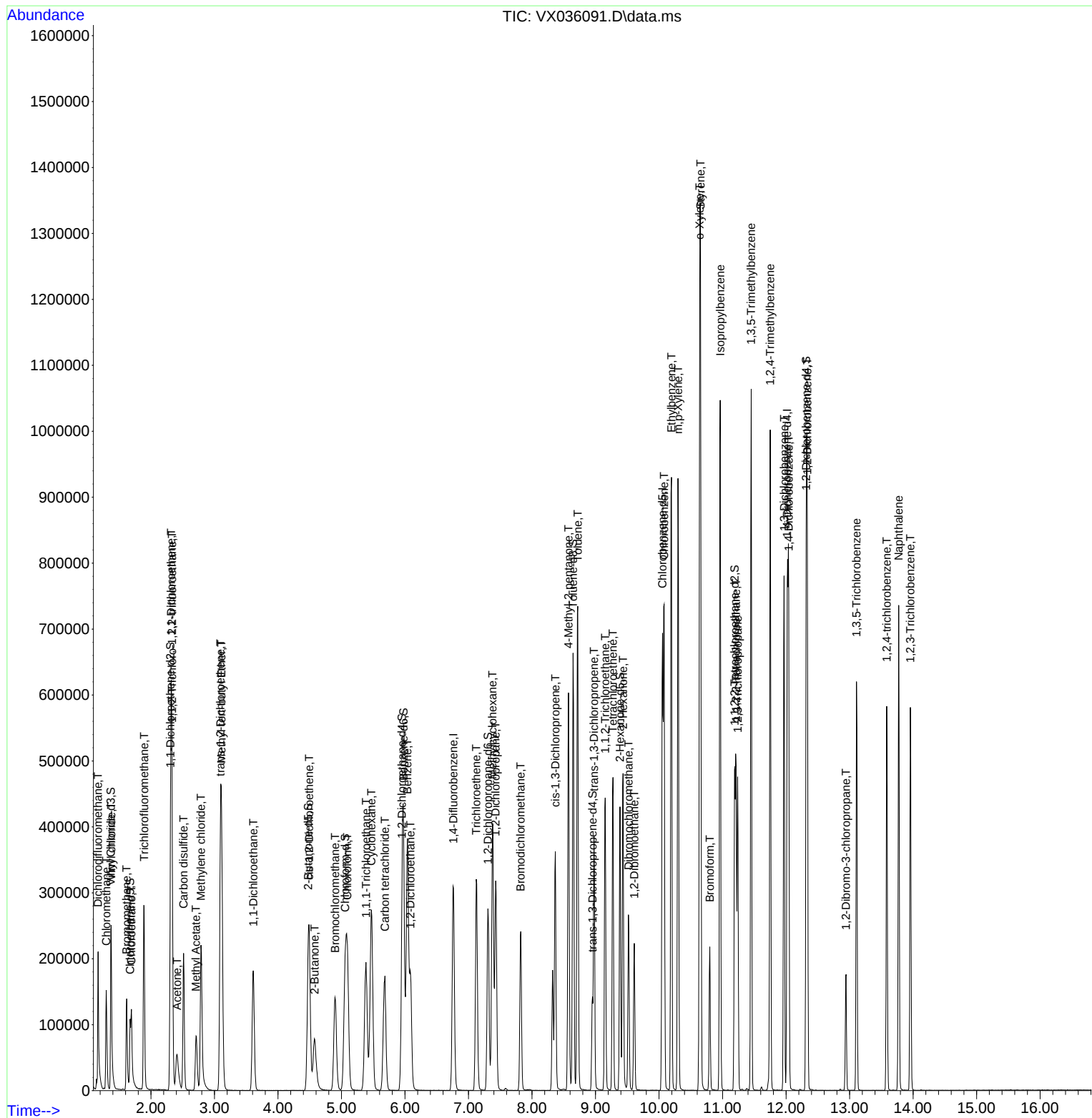
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	195577	49.613	ug/L	98
29) Cyclohexane	5.470	56	183319	46.663	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	185766	47.393	ug/L	99
31) Carbon tetrachloride	5.684	117	153697	47.217	ug/L	99
33) Benzene	6.037	78	438401	46.523	ug/L	100
34) Trichloroethene	7.123	95	120731	47.570	ug/L	98
35) Methylcyclohexane	7.379	83	171643	46.070	ug/L	99
37) 1,2-Dichloropropane	7.427	63	118696	47.993	ug/L	100
38) Bromodichloromethane	7.818	83	150367	47.160	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	178404	46.169	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	354163	95.084	ug/L	100
42) Toluene	8.720	91	463035	47.245	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	168848	46.664	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	114416	47.269	ug/L	97
46) Tetrachloroethene	9.275	164	80822	45.539	ug/L	97
48) 2-Hexanone	9.433	43	263405	89.622	ug/L	99
49) Dibromochloromethane	9.519	129	108342	47.175	ug/L	96
50) 1,2-Dibromoethane	9.610	107	119465	46.709	ug/L	99
51) Chlorobenzene	10.079	112	297822	46.188	ug/L	98
52) Ethylbenzene	10.195	91	533474	47.261	ug/L	98
53) m,p-Xylene	10.299	106	201788	47.138	ug/L	99
54) o-Xylene	10.640	106	197533	47.209	ug/L	99
55) Styrene	10.652	104	331681	46.642	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	179707	47.235	ug/L	100
59) Bromoform	10.799	173	70001	47.433	ug/L	98
60) Isopropylbenzene	10.963	105	524054	48.497	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	145990	48.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	438431	48.782	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	404432	48.628	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	219078	46.818	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	219048	45.765	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	217308	47.539	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	35029	45.949	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	130475	45.555	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	118116	45.147	ug/L	100
71) Naphthalene	13.774	128	407569	47.366	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	117858	45.304	ug/L	98

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

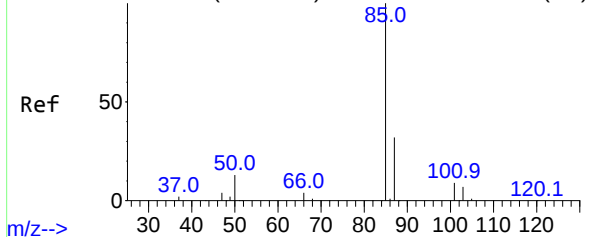
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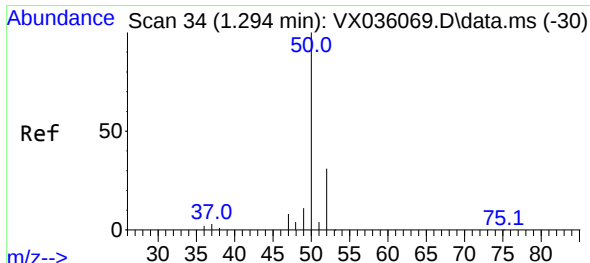
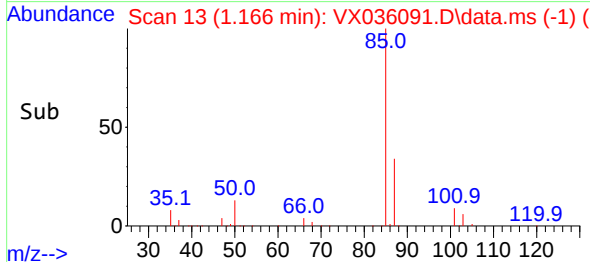
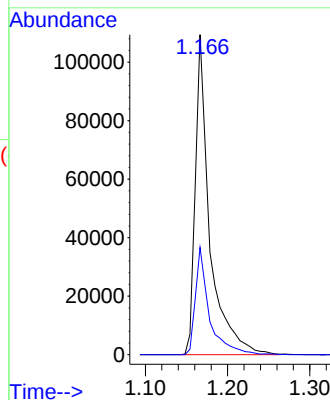
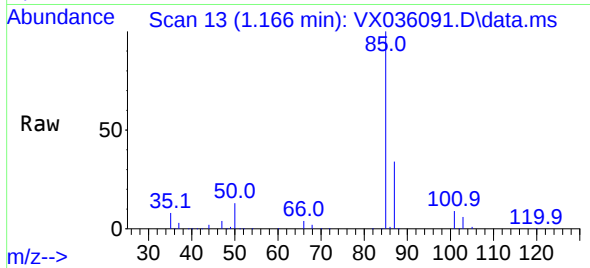
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#2
Dichlorodifluoromethane
Concen: 46.702 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

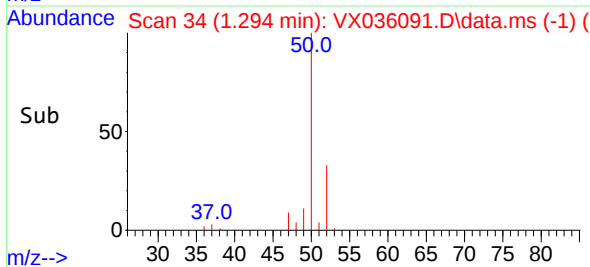
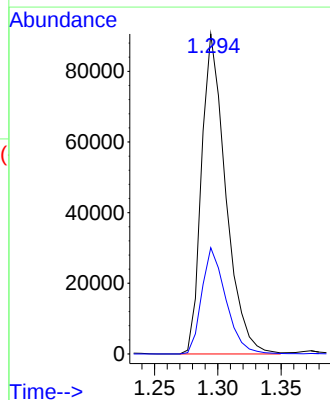
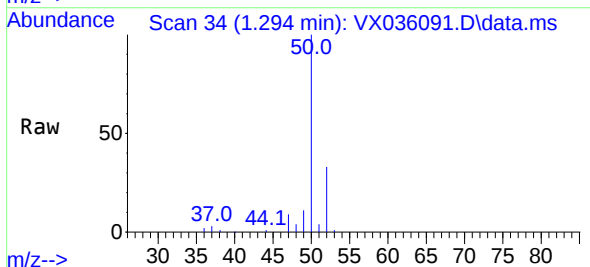
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

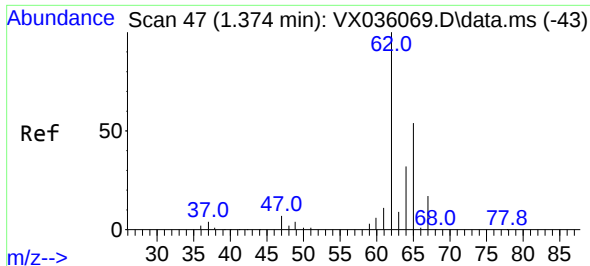
Tgt Ion: 85 Resp: 133089
Ion Ratio Lower Upper
85 100
87 32.3 26.4 39.6



#3
Chloromethane
Concen: 45.076 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 50 Resp: 121028
Ion Ratio Lower Upper
50 100
52 33.2 22.5 41.9

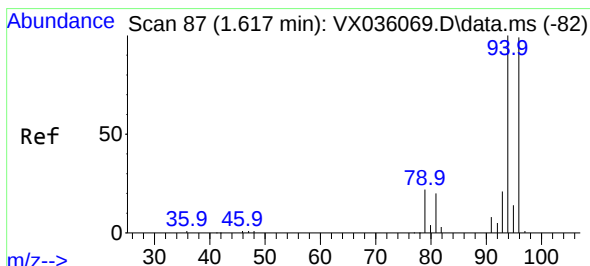
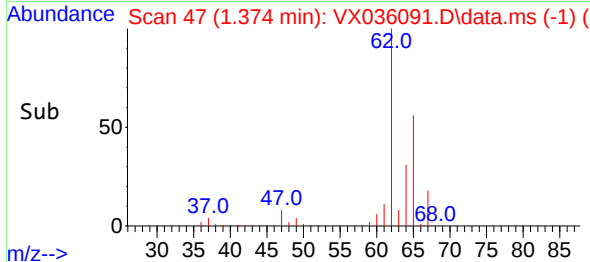
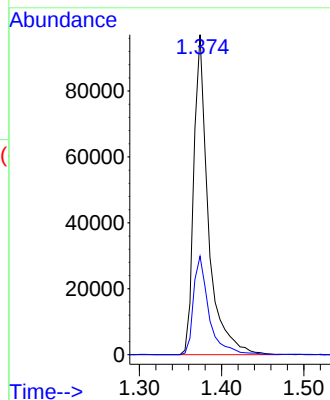
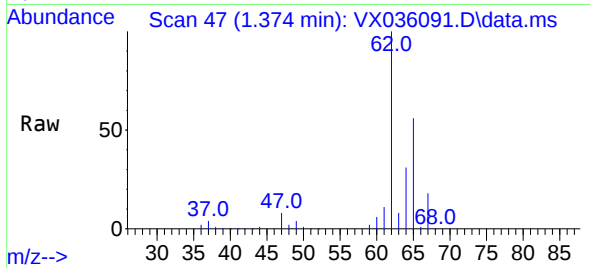




#5
Vinyl chloride
Concen: 47.857 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

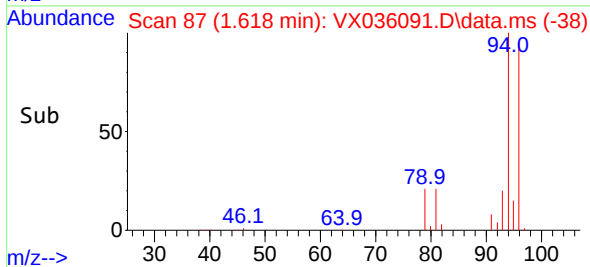
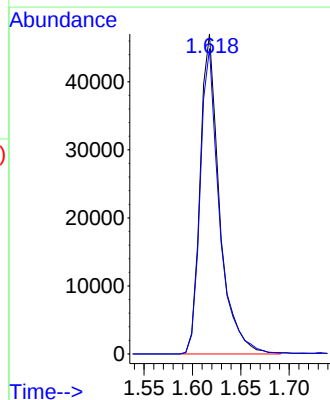
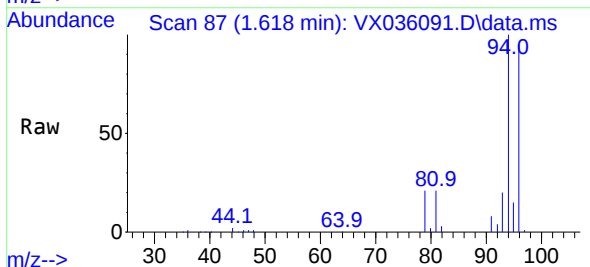
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

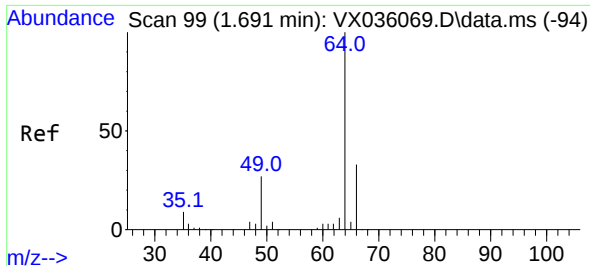
Tgt Ion: 62 Resp: 119103
Ion Ratio Lower Upper
62 100
64 30.8 22.7 42.1



#6
Bromomethane
Concen: 45.138 ug/L
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 94 Resp: 65447
Ion Ratio Lower Upper
94 100
96 95.4 65.8 122.2

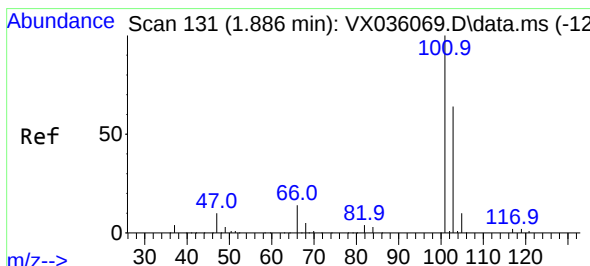
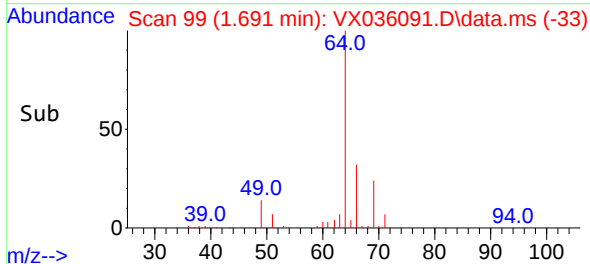
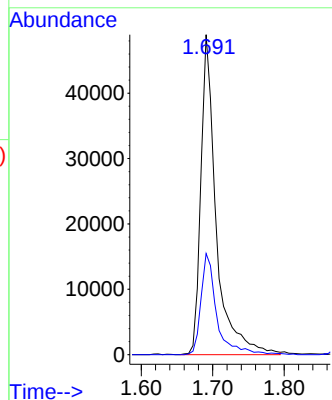
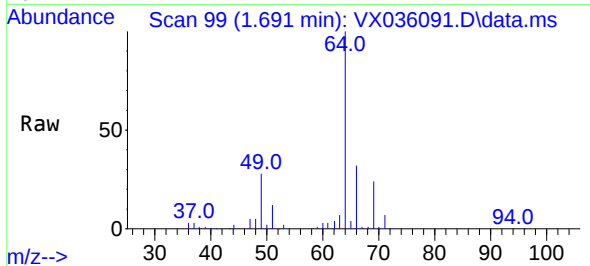




#8
Chloroethane
Concen: 49.400 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

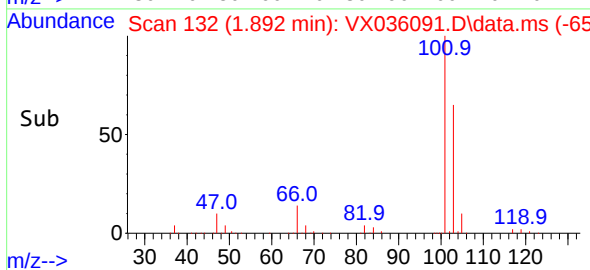
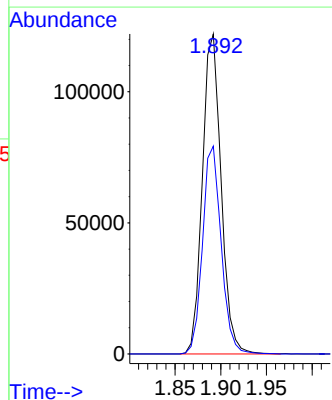
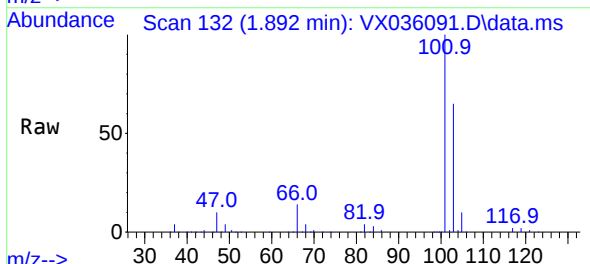
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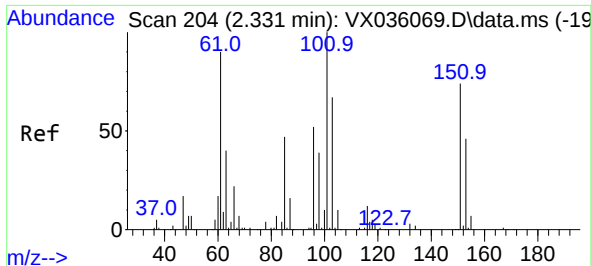
Tgt Ion: 64 Resp: 72927
Ion Ratio Lower Upper
64 100
66 31.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 49.616 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 101 Resp: 173687
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

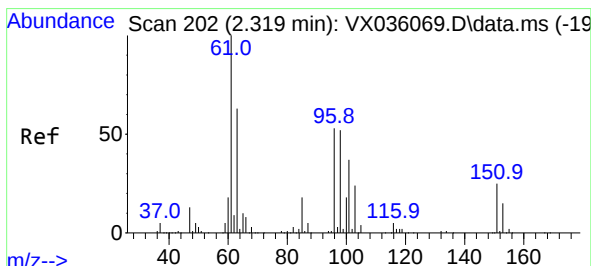
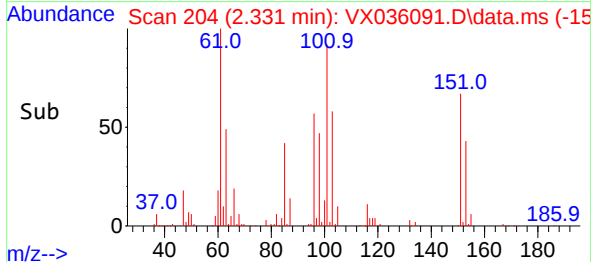
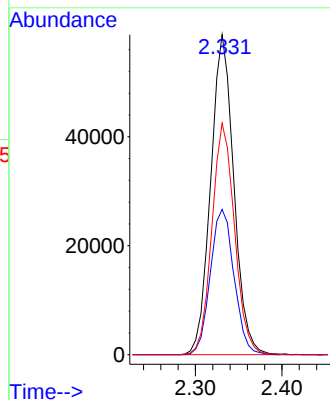
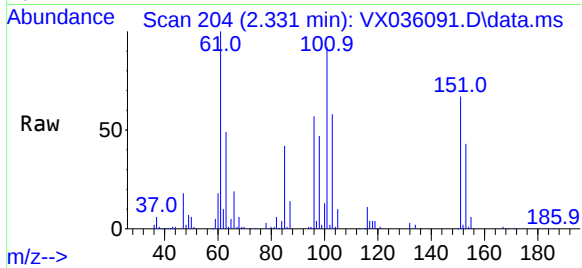




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.722 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036091.D
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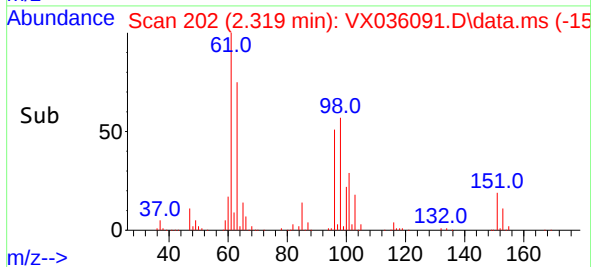
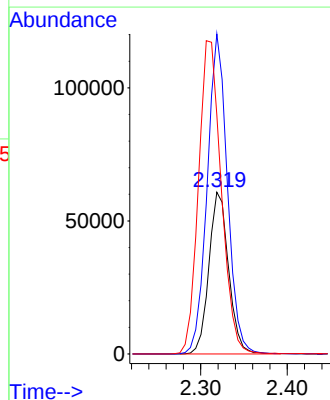
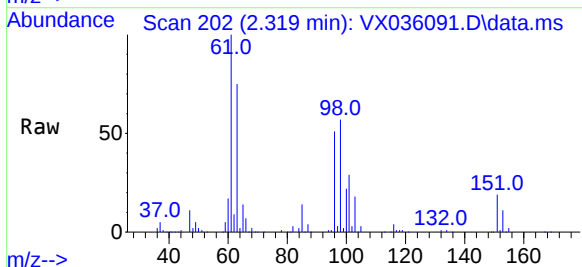
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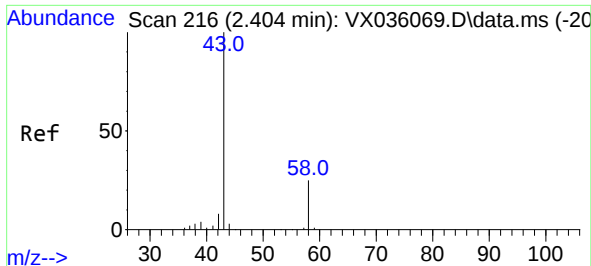
Tgt Ion:101 Resp: 109036
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.6 55.0
 151 70.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 48.302 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036091.D
 Acq: 08 Jun 2023 23:18

Tgt Ion: 96 Resp: 96042
 Ion Ratio Lower Upper
 96 100
 61 197.9 132.5 246.1
 63 147.7 95.1 176.7





#13

Acetone

Concen: 61.890 ug/L

RT: 2.410 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

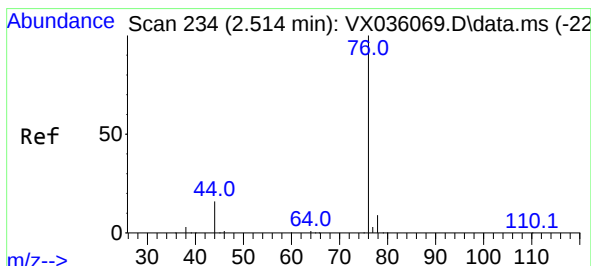
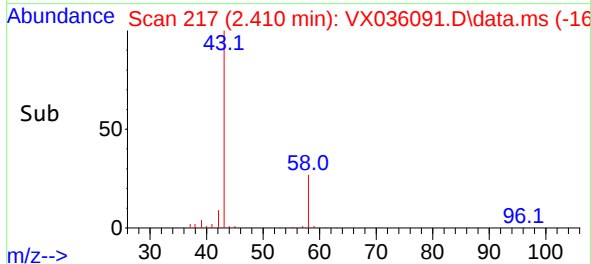
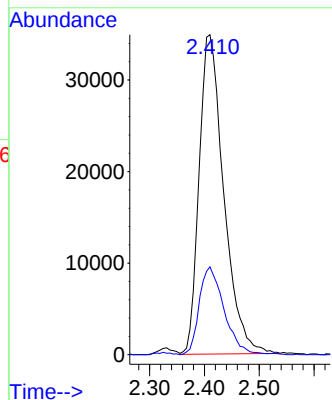
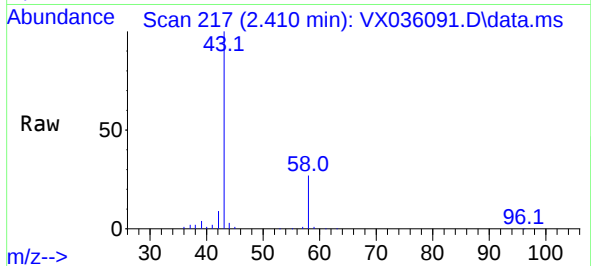
EZEN4MS

Tgt Ion: 43 Resp: 108965

Ion Ratio Lower Upper

43 100

58 27.6 0.0 55.4



#14

Carbon disulfide

Concen: 44.807 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036091.D

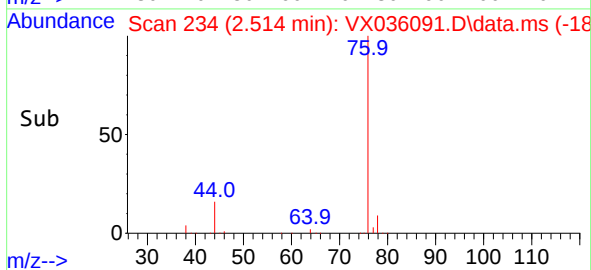
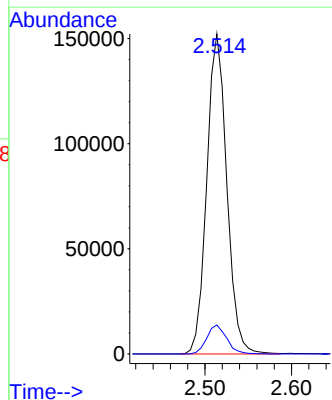
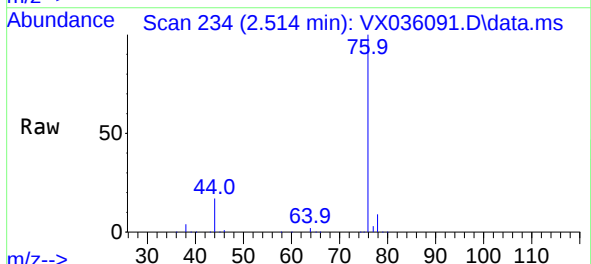
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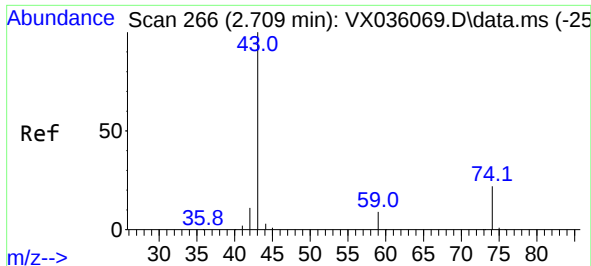
Tgt Ion: 76 Resp: 244497

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

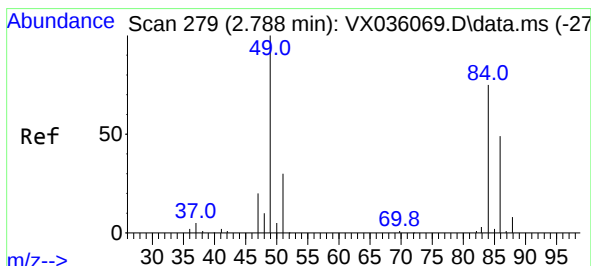
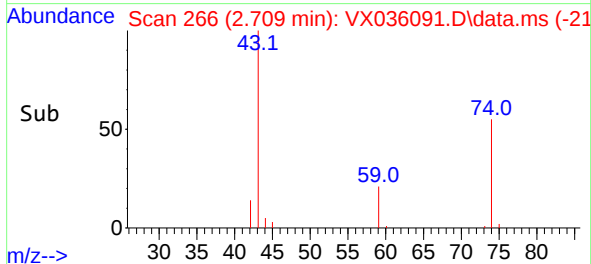
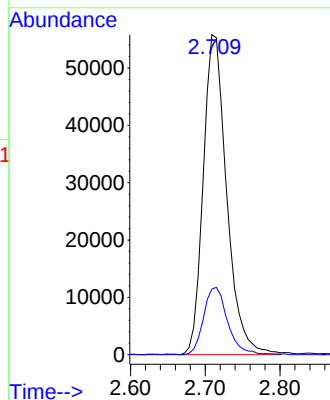
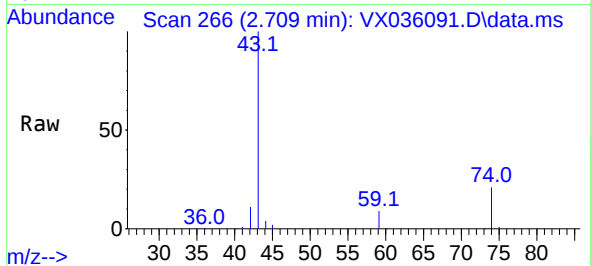




#15
Methyl Acetate
Concen: 44.739 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

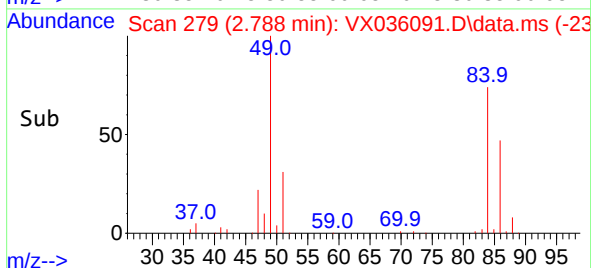
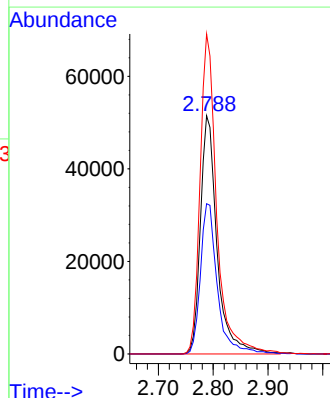
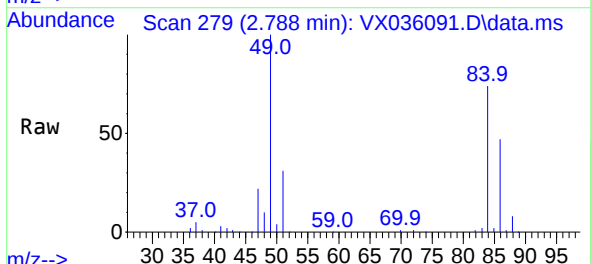
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

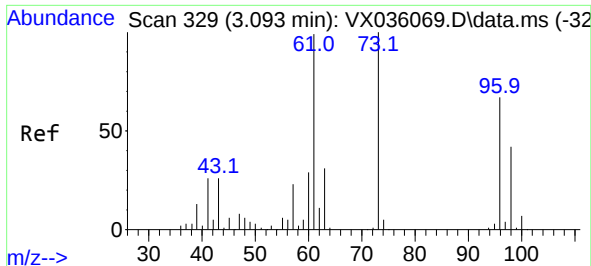
Tgt Ion: 43 Resp: 121872
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.2



#16
Methylene chloride
Concen: 47.804 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 84 Resp: 109145
Ion Ratio Lower Upper
84 100
86 63.0 46.5 86.5
49 134.3 95.1 176.5

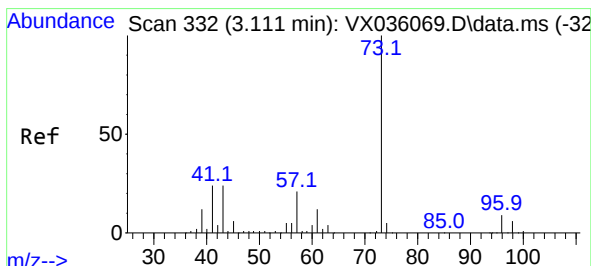
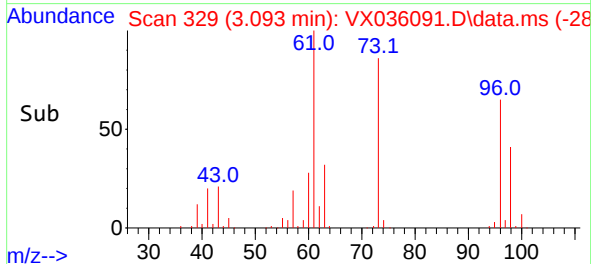
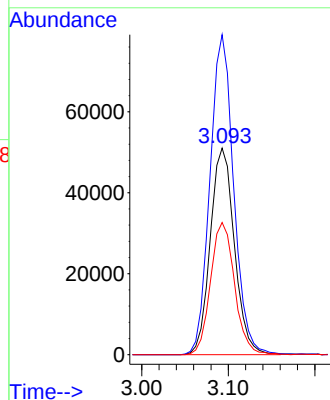
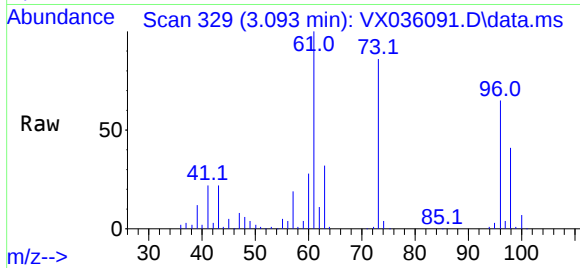




#17
trans-1,2-Dichloroethene
Concen: 46.419 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

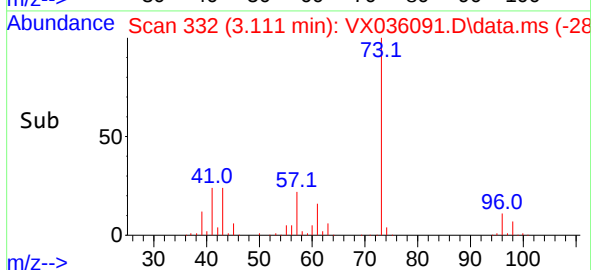
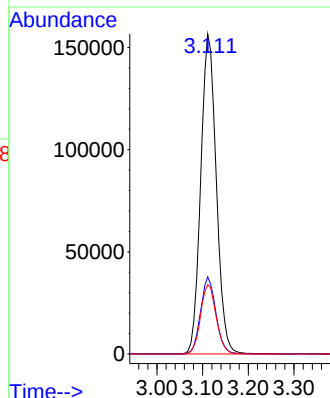
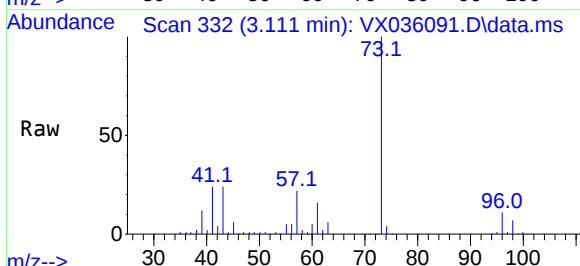
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

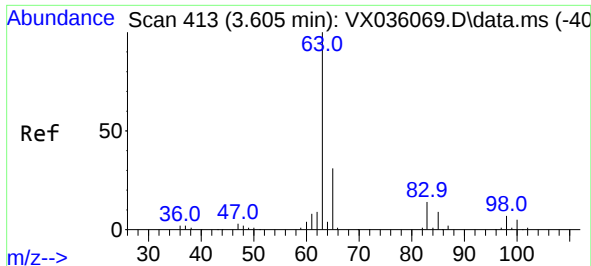
Tgt Ion: 96 Resp: 98887
Ion Ratio Lower Upper
96 100
61 154.9 100.7 187.1
98 64.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 48.736 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 73 Resp: 369401
Ion Ratio Lower Upper
73 100
43 23.7 19.4 29.0
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.149 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MS

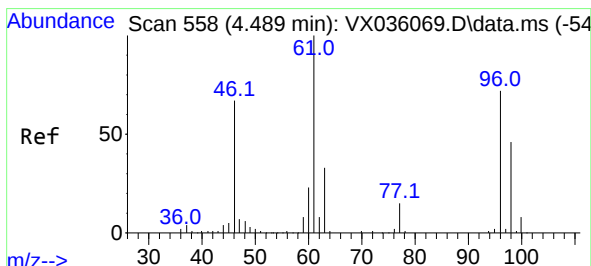
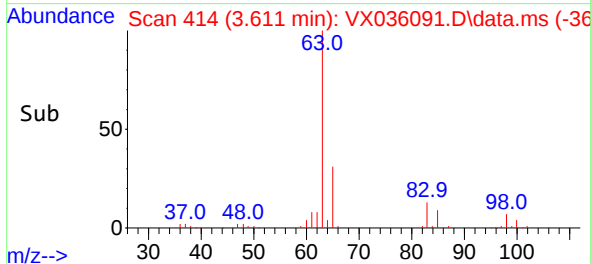
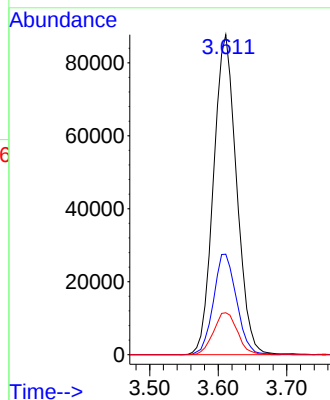
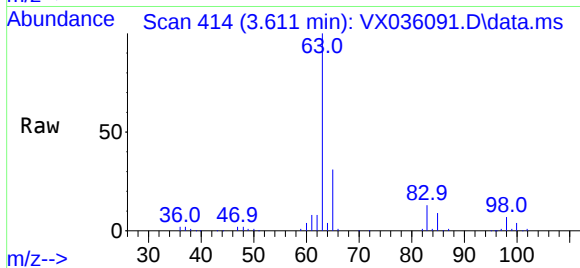
Tgt Ion: 63 Resp: 204499

Ion Ratio Lower Upper

63 100

65 31.4 22.6 42.0

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 46.689 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

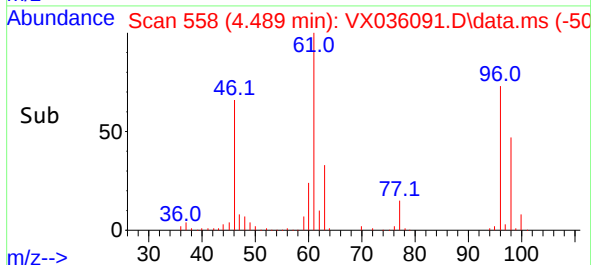
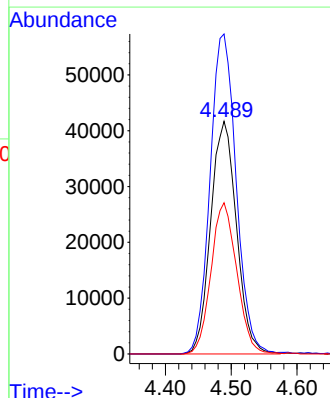
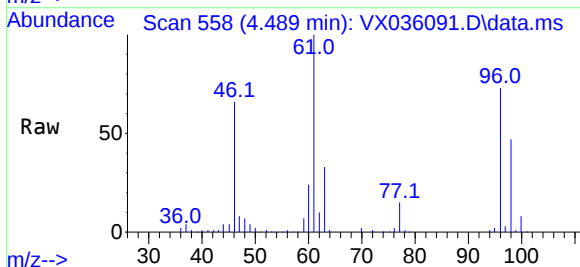
Tgt Ion: 96 Resp: 114120

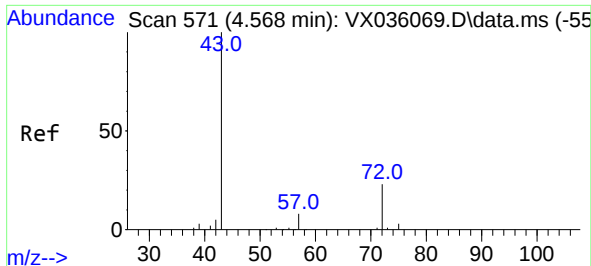
Ion Ratio Lower Upper

96 100

61 137.6 94.7 175.9

98 65.0 45.4 84.4

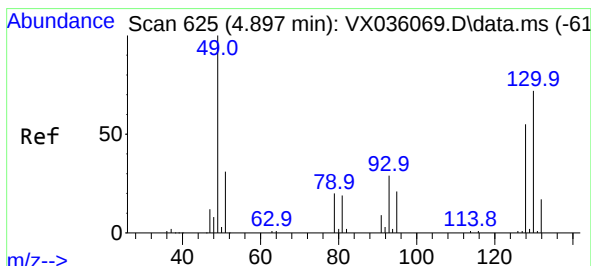
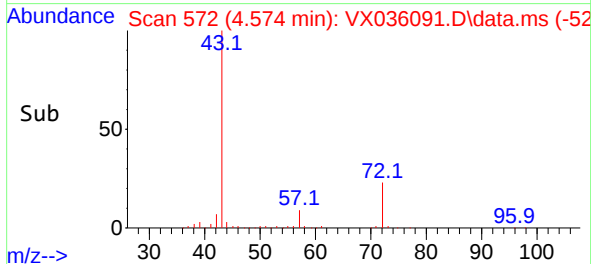
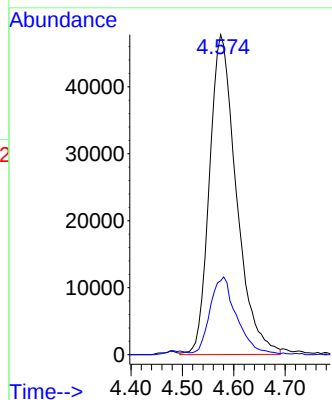
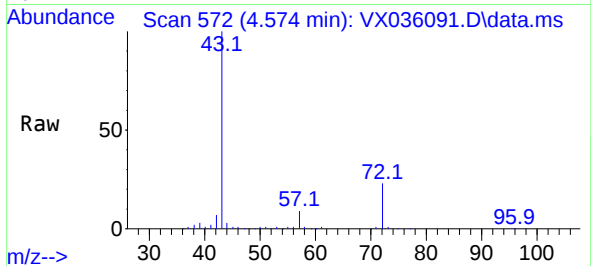




#22
2-Butanone
Concen: 82.577 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

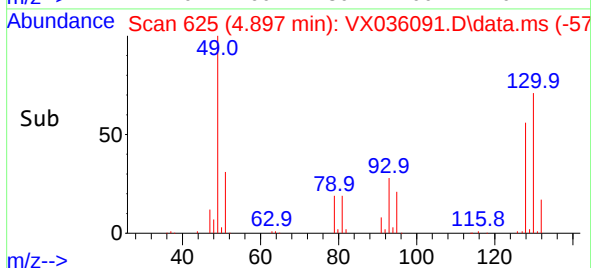
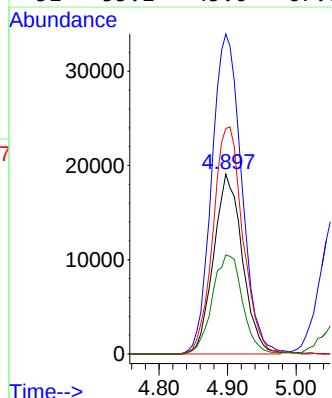
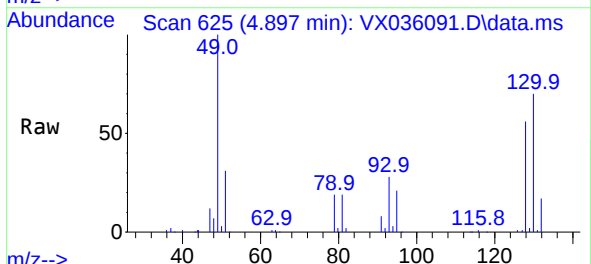
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

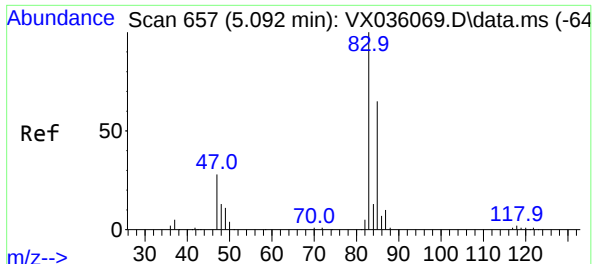
Tgt Ion: 43 Resp: 173648
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1



#23
Bromochloromethane
Concen: 45.798 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:128 Resp: 55561
Ion Ratio Lower Upper
128 100
49 177.9 123.9 230.1
130 125.3 88.3 164.1
51 55.1 45.0 67.6





#25

Chloroform

Concen: 48.326 ug/L

RT: 5.093 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

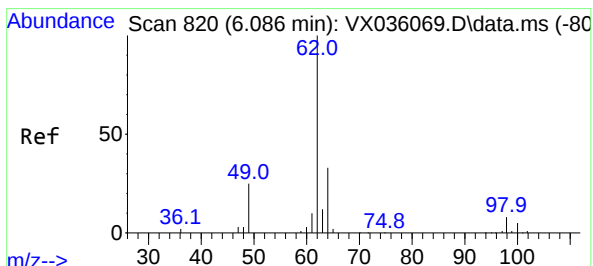
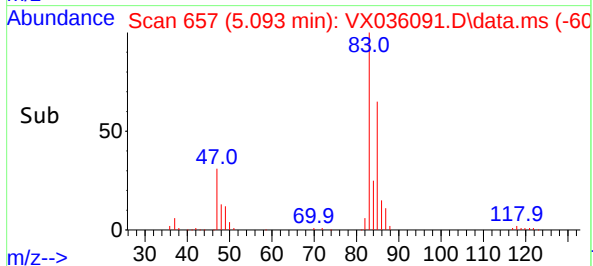
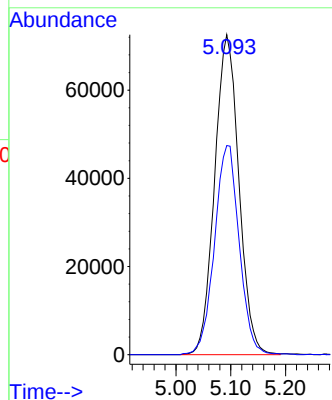
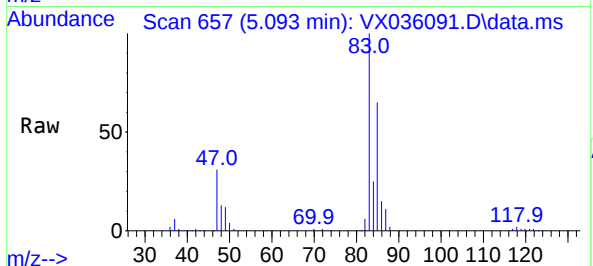
EZEN4MS

Tgt Ion: 83 Resp: 223269

Ion Ratio Lower Upper

83 100

85 65.3 45.0 83.6



#27

1,2-Dichloroethane

Concen: 49.613 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036091.D

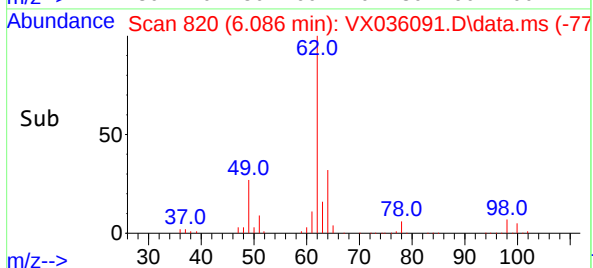
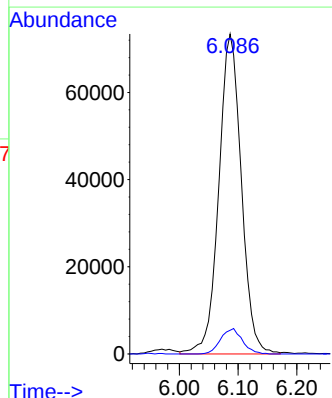
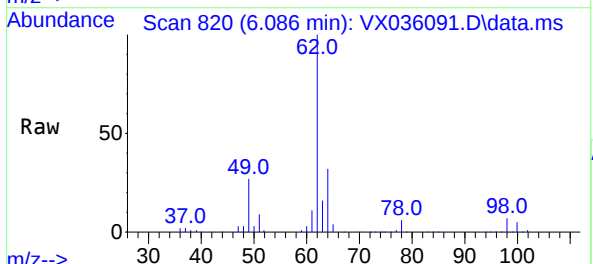
Acq: 08 Jun 2023 23:18

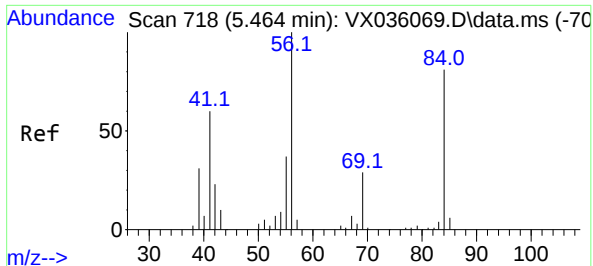
Tgt Ion: 62 Resp: 195577

Ion Ratio Lower Upper

62 100

98 7.4 6.4 9.6





#29

Cyclohexane

Concen: 46.663 ug/L

RT: 5.470 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MS

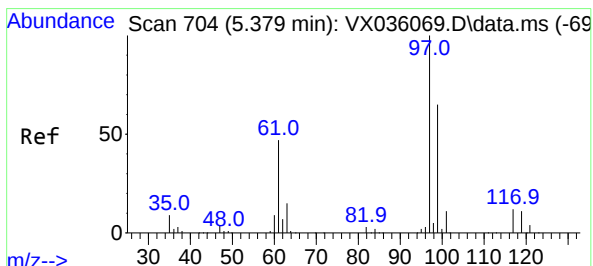
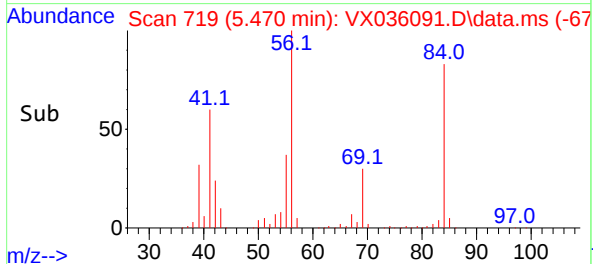
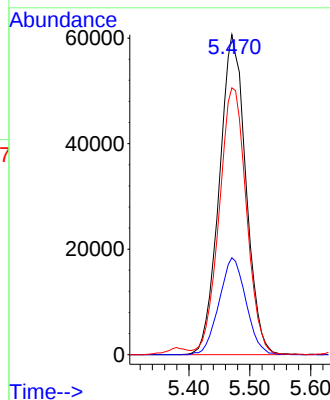
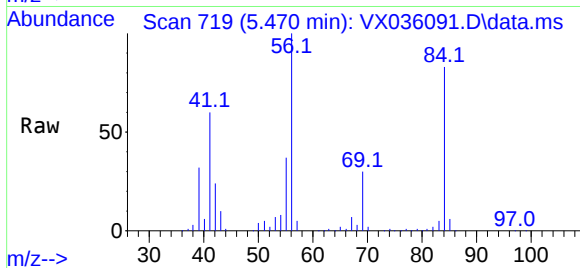
Tgt Ion: 56 Resp: 183319

Ion Ratio Lower Upper

56 100

69 30.7 24.3 36.5

84 85.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 47.393 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

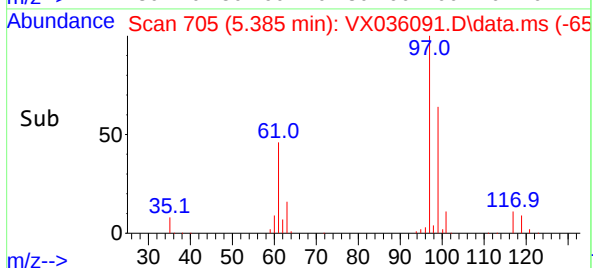
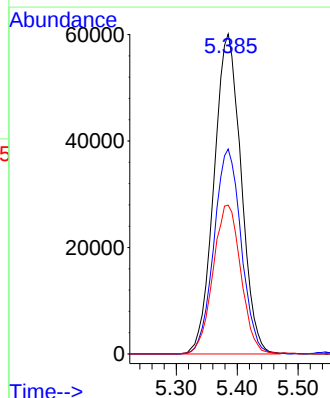
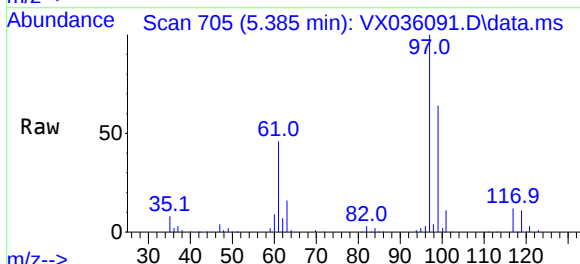
Tgt Ion: 97 Resp: 185766

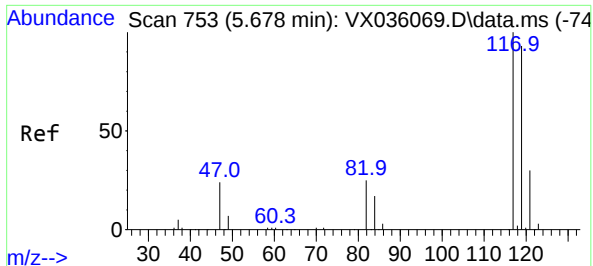
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 47.8 38.0 57.0

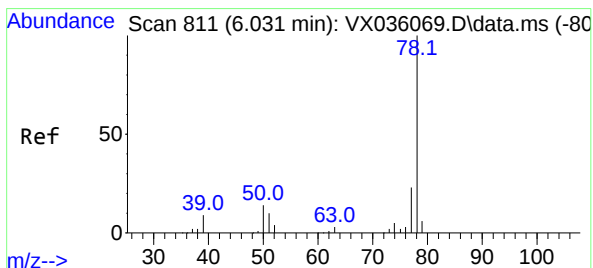
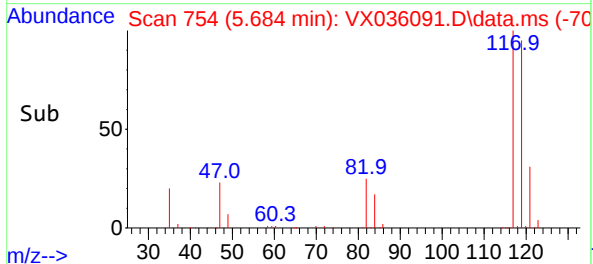
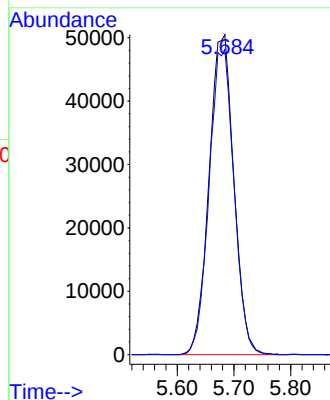
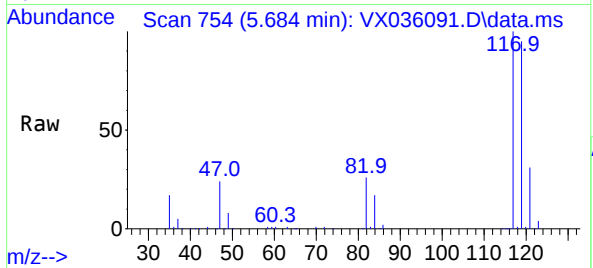




#31
Carbon tetrachloride
Concen: 47.217 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

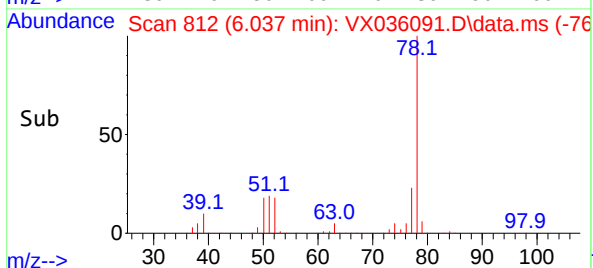
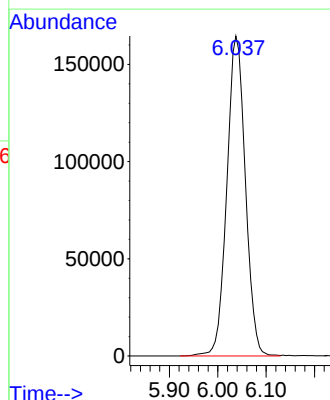
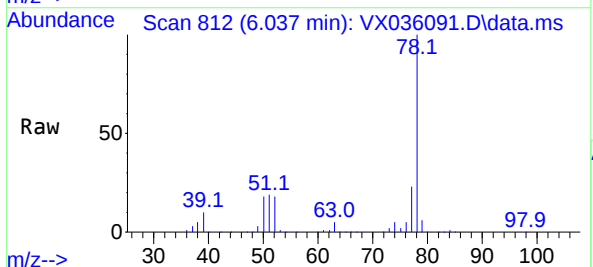
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

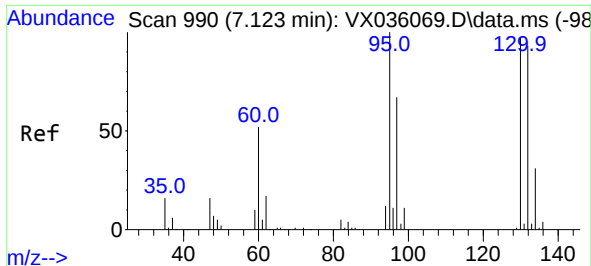
Tgt Ion:117 Resp: 153697
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 46.523 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 78 Resp: 438401

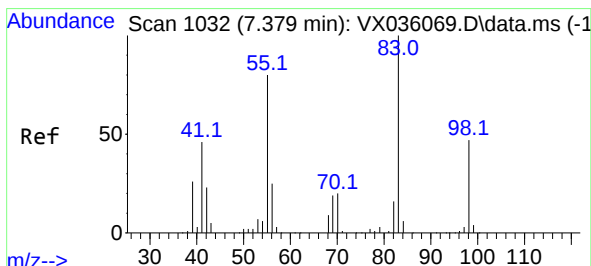
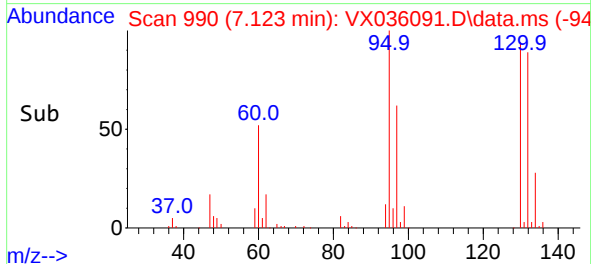
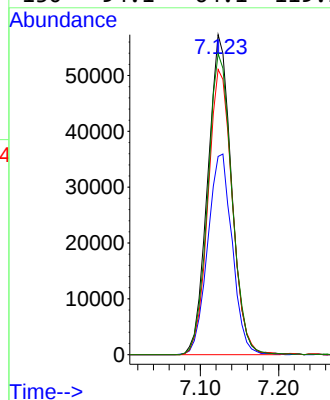
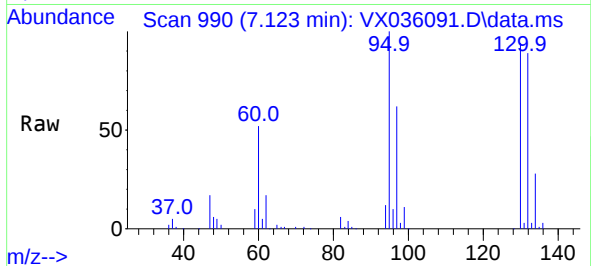




#34
Trichloroethene
Concen: 47.570 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

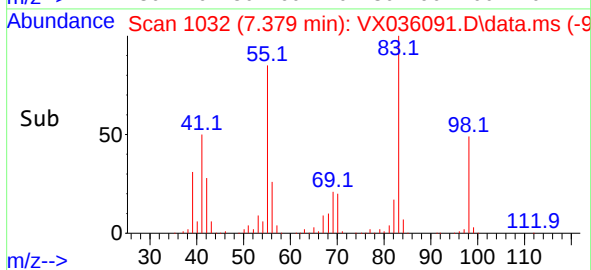
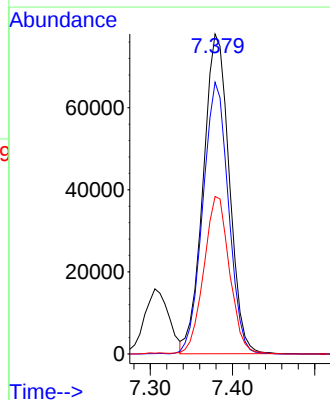
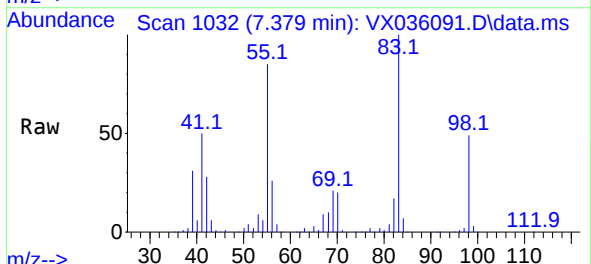
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

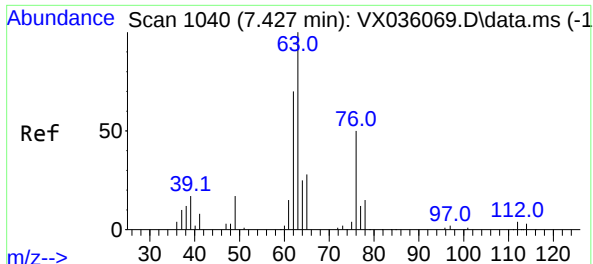
Tgt Ion: 95 Resp: 120731
Ion Ratio Lower Upper
95 100
97 62.0 43.6 81.0
132 89.1 59.9 111.3
130 94.1 64.1 119.1



#35
Methylcyclohexane
Concen: 46.070 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 83 Resp: 171643
Ion Ratio Lower Upper
83 100
55 83.5 65.4 98.2
98 48.7 39.0 58.6

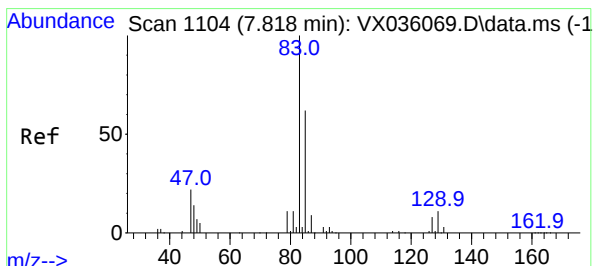
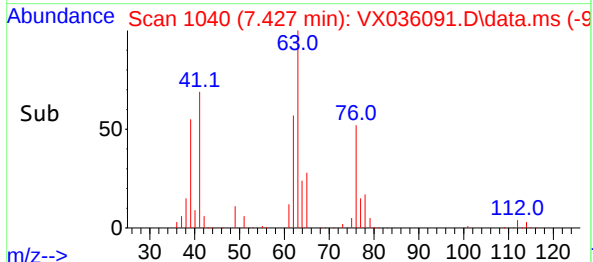
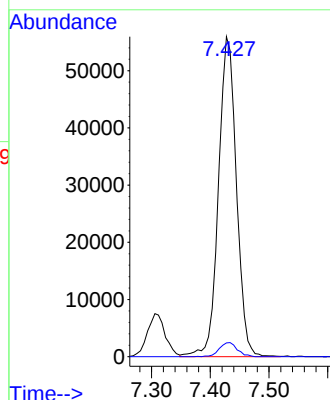
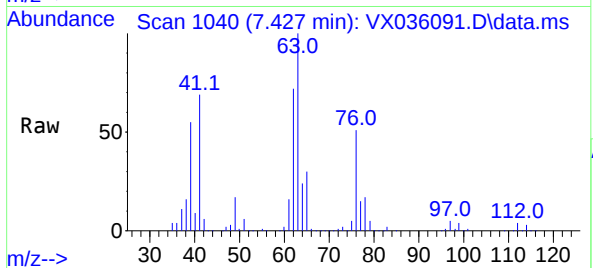




#37
1,2-Dichloropropane
Concen: 47.993 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

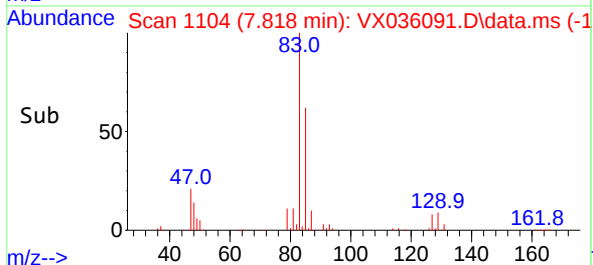
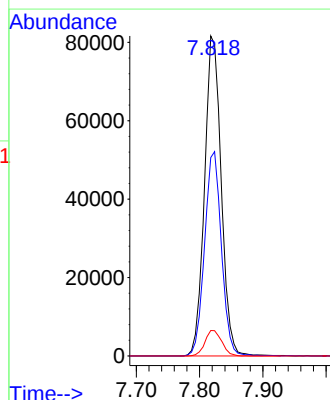
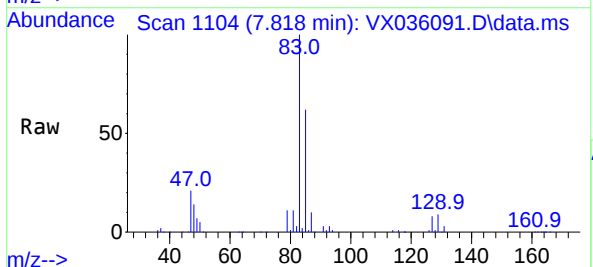
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

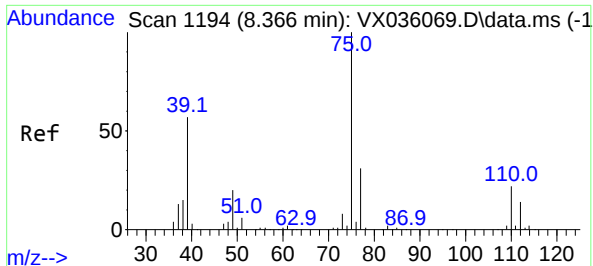
Tgt Ion: 63 Resp: 118696
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 47.160 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 83 Resp: 150367
Ion Ratio Lower Upper
83 100
85 62.0 45.3 84.1
127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 46.169 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

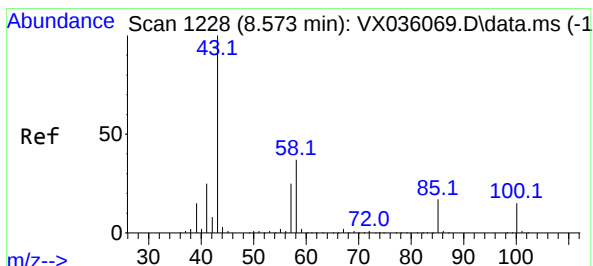
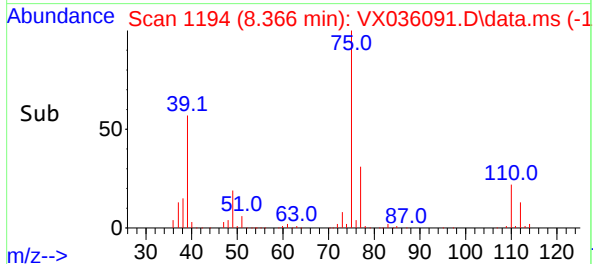
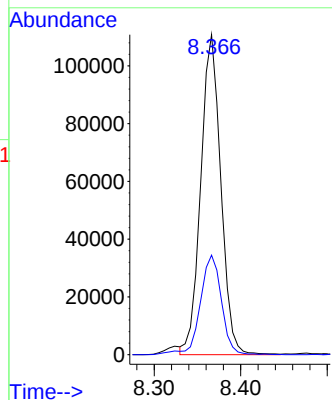
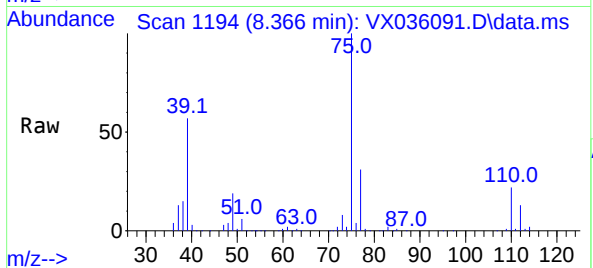
EZEN4MS

Tgt Ion: 75 Resp: 178404

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 95.084 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

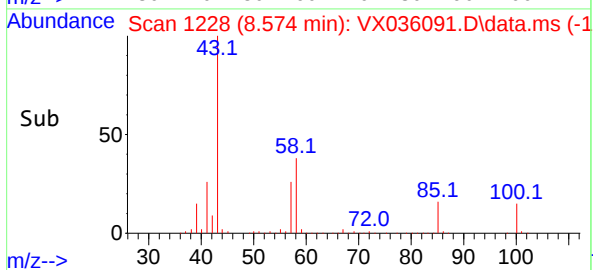
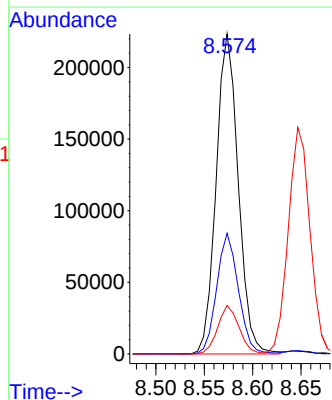
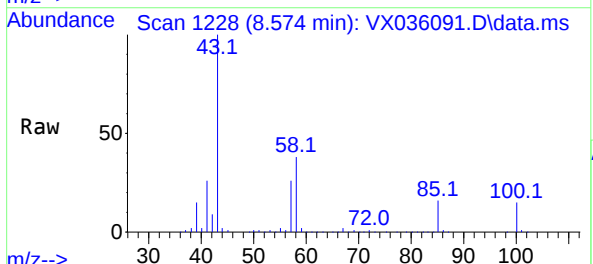
Tgt Ion: 43 Resp: 354163

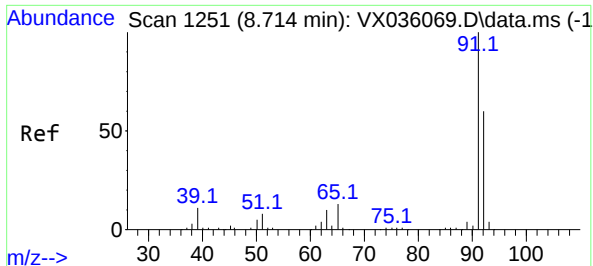
Ion Ratio Lower Upper

43 100

58 37.0 29.4 44.2

100 14.6 11.8 17.6





#42

Toluene

Concen: 47.245 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

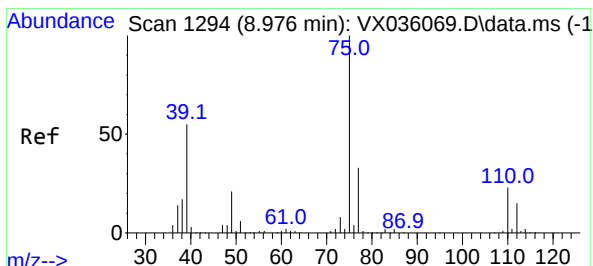
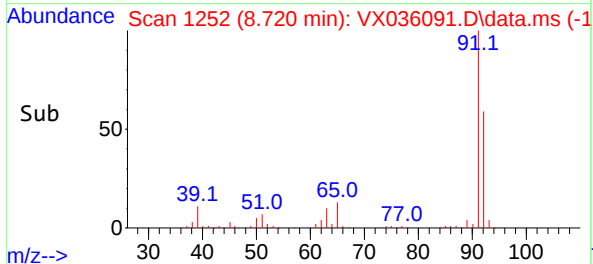
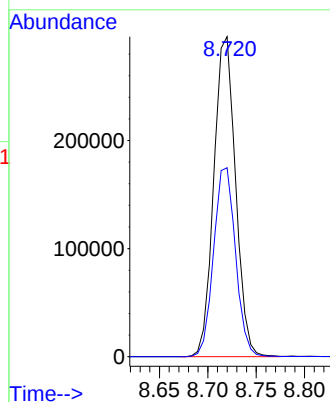
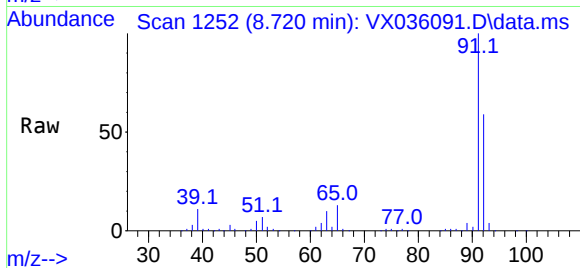
EZEN4MS

Tgt Ion: 91 Resp: 463035

Ion Ratio Lower Upper

91 100

92 59.0 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 46.664 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036091.D

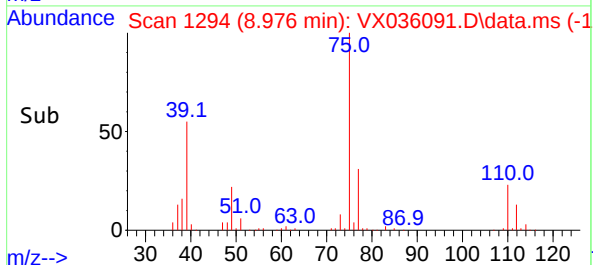
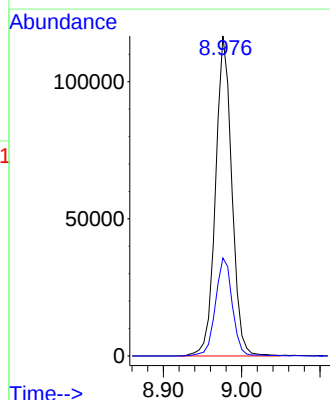
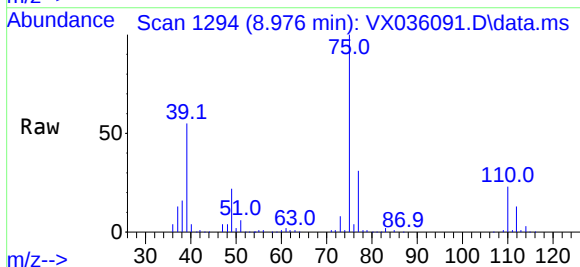
Acq: 08 Jun 2023 23:18

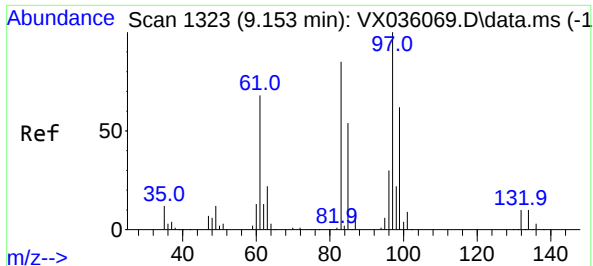
Tgt Ion: 75 Resp: 168848

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0



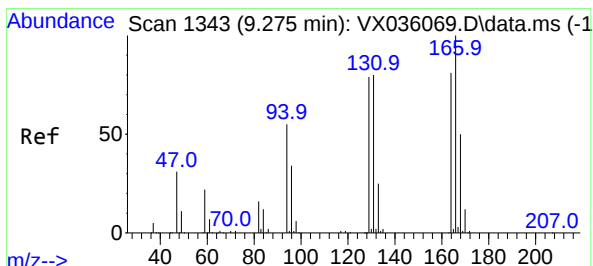
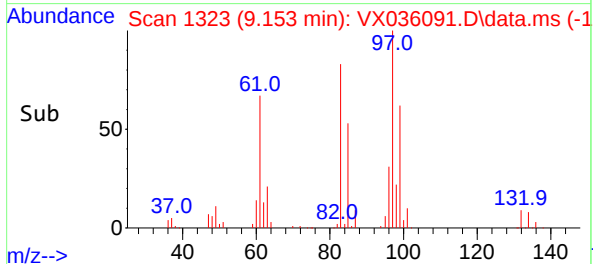
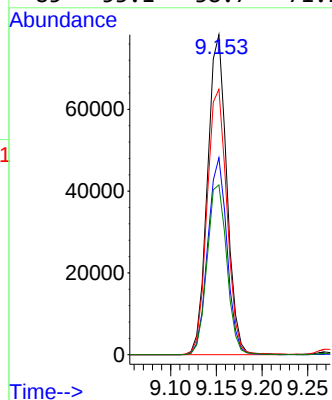
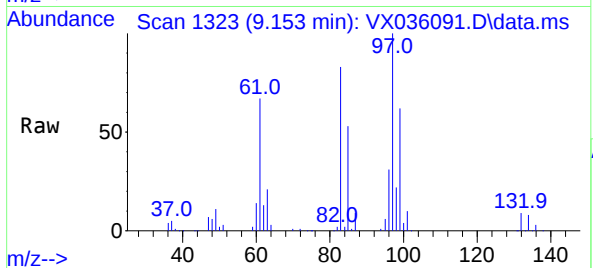


#45
1,1,2-Trichloroethane
Concen: 47.269 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

Tgt Ion: 97 Resp: 114416

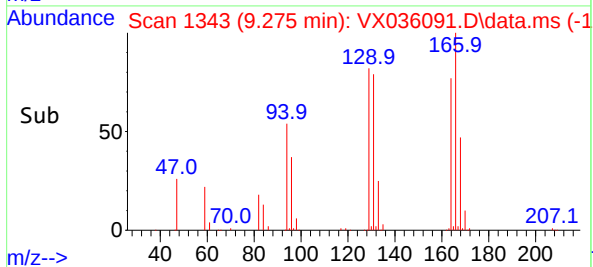
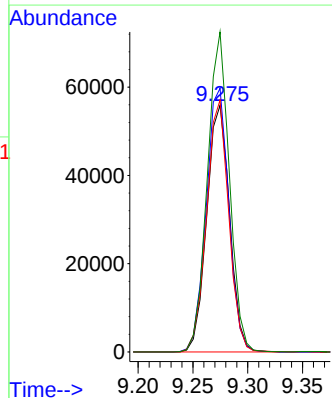
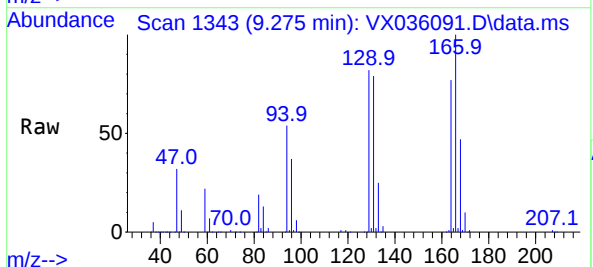
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.9	79.7
83	82.9	61.0	113.2
85	53.1	38.7	71.9

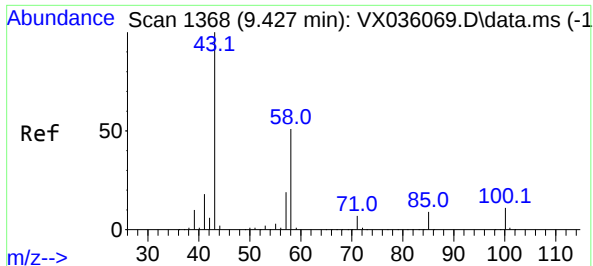


#46
Tetrachloroethene
Concen: 45.539 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 164 Resp: 80822

Ion	Ratio	Lower	Upper
164	100		
129	107.0	74.8	139.0
131	102.2	68.9	127.9
166	129.8	86.8	161.2





#48

2-Hexanone

Concen: 89.622 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MS

Tgt Ion: 43 Resp: 263405

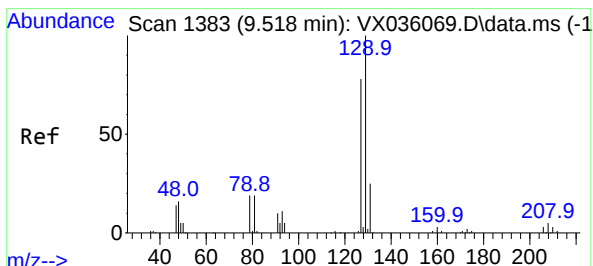
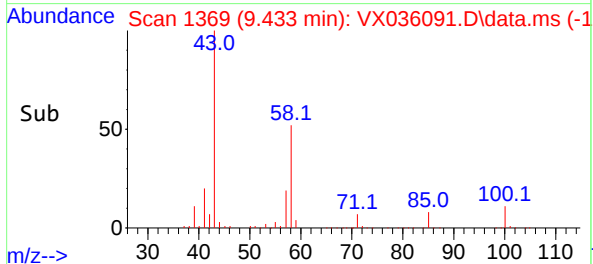
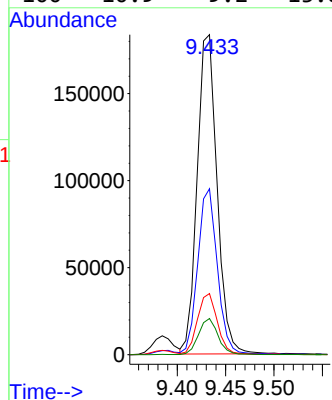
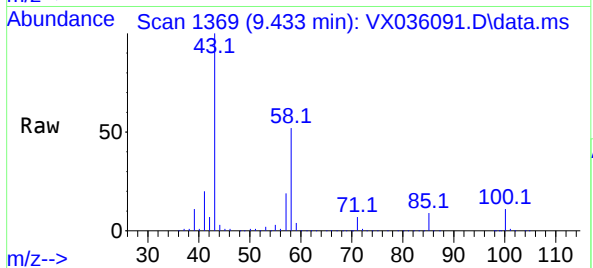
Ion Ratio Lower Upper

43 100

58 50.7 41.0 61.6

57 19.4 15.2 22.8

100 10.9 9.2 13.8



#49

Dibromochloromethane

Concen: 47.175 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036091.D

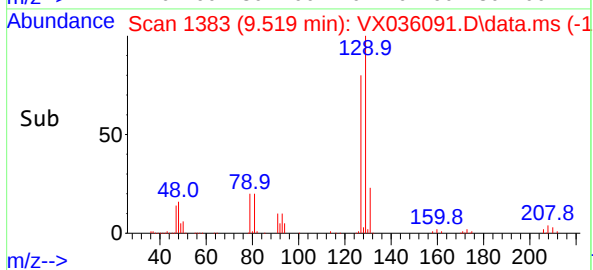
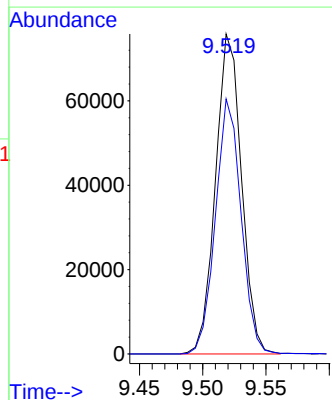
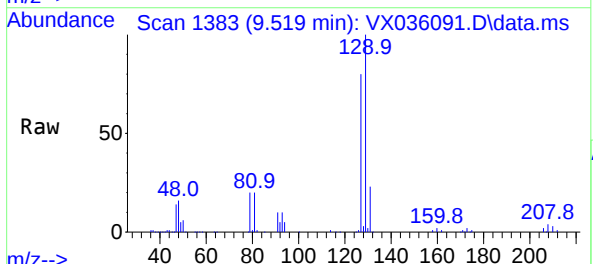
Acq: 08 Jun 2023 23:18

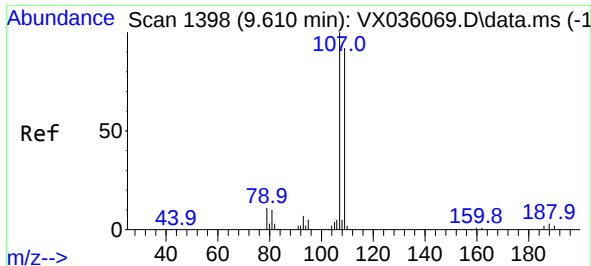
Tgt Ion: 129 Resp: 108342

Ion Ratio Lower Upper

129 100

127 79.7 53.3 98.9





#50

1,2-Dibromoethane

Concen: 46.709 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MS

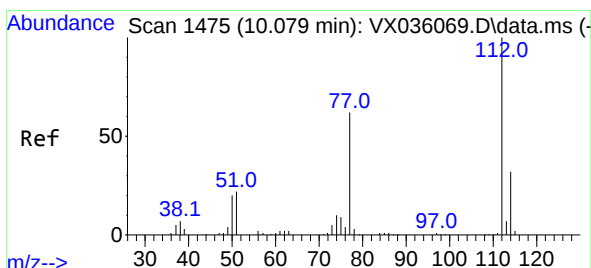
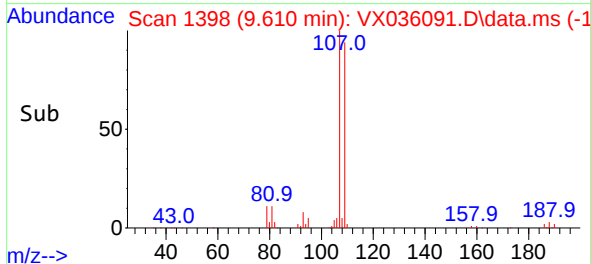
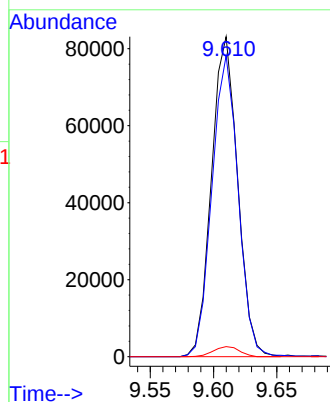
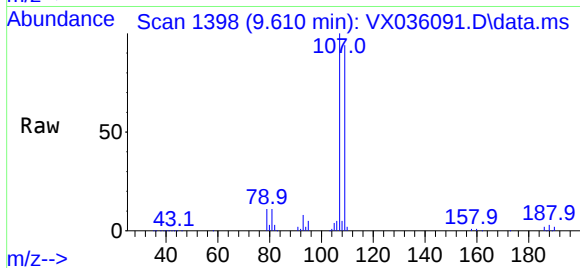
Tgt Ion:107 Resp: 119465

Ion Ratio Lower Upper

107 100

109 94.0 66.1 122.8

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 46.188 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

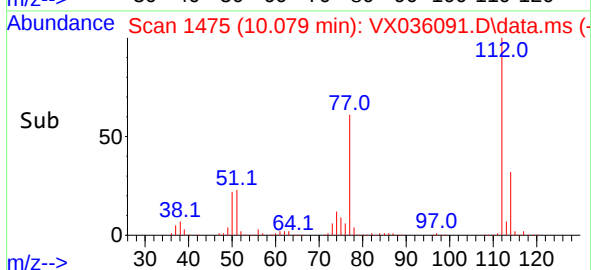
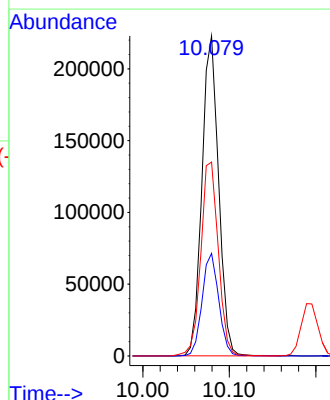
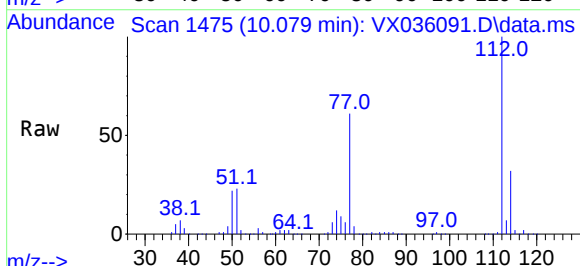
Tgt Ion:112 Resp: 297822

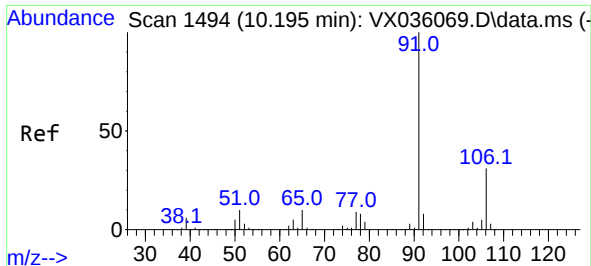
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.3

77 60.6 50.6 75.8

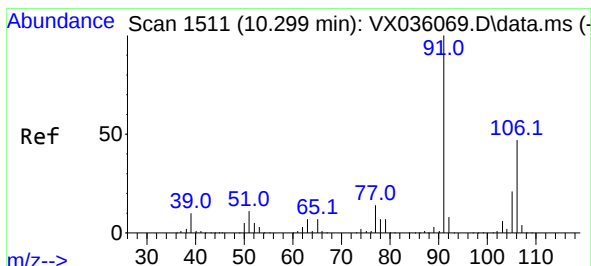
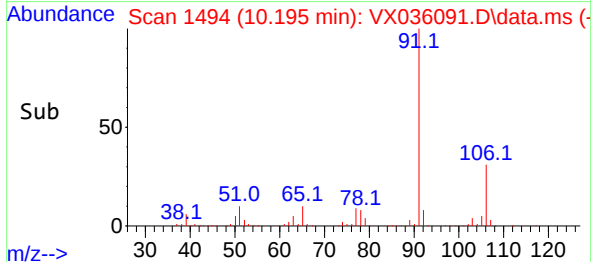
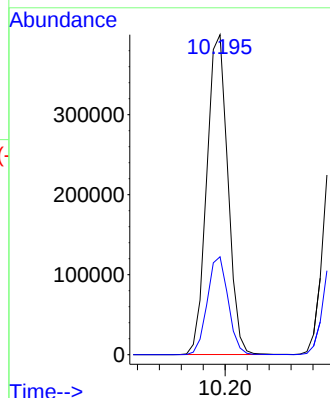
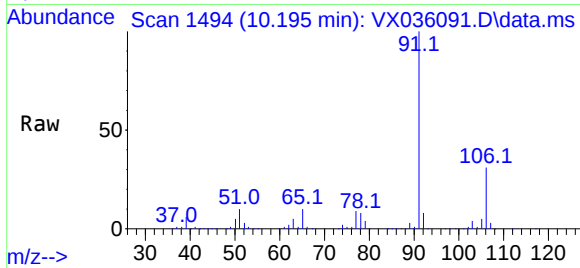




#52
Ethylbenzene
Concen: 47.261 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

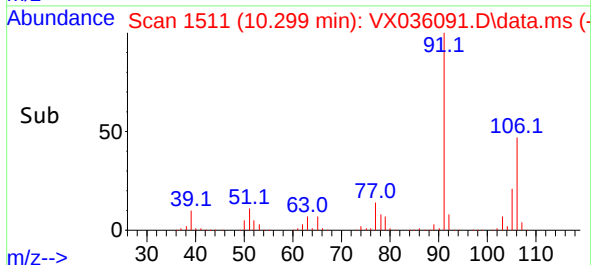
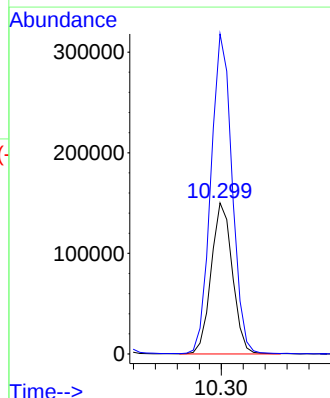
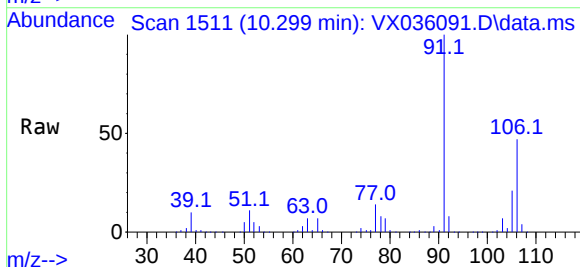
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

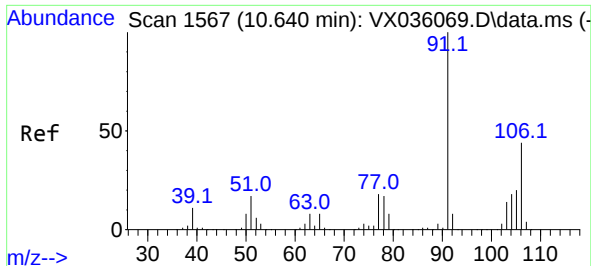
Tgt Ion: 91 Resp: 533474
Ion Ratio Lower Upper
91 100
106 30.6 20.8 38.6



#53
m,p-Xylene
Concen: 47.138 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 106 Resp: 201788
Ion Ratio Lower Upper
106 100
91 211.9 149.8 278.2

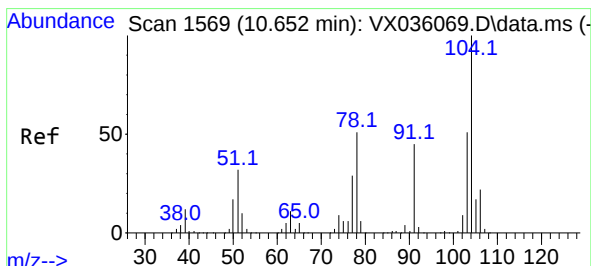
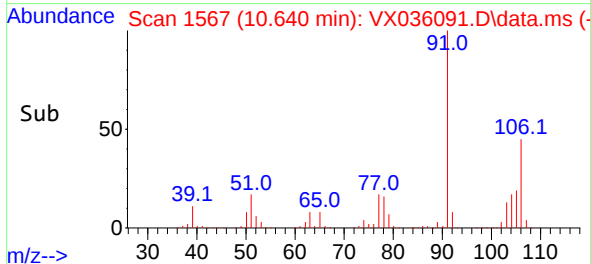
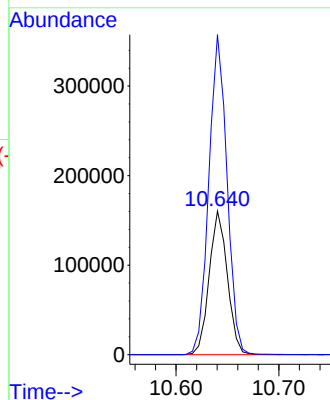
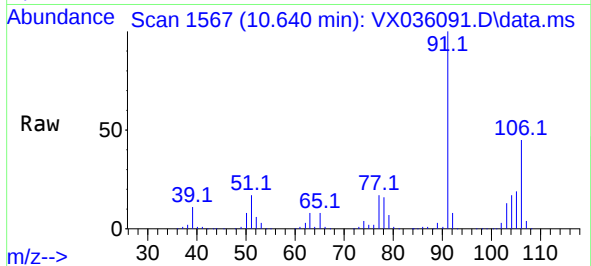




#54
o-Xylene
Concen: 47.209 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

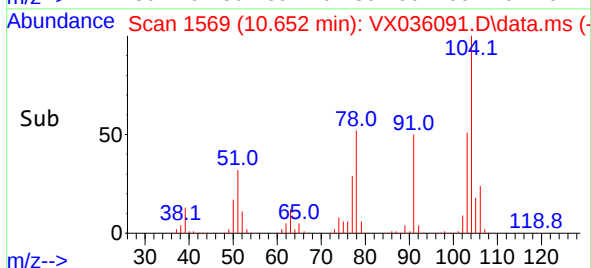
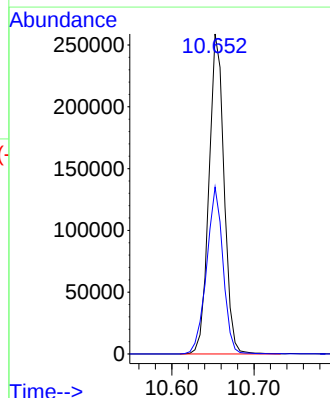
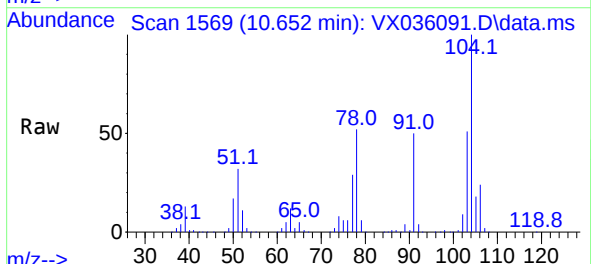
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

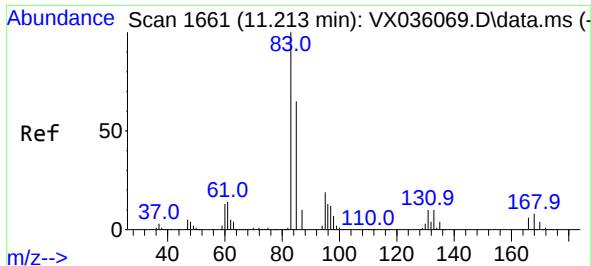
Tgt Ion:106 Resp: 197533
Ion Ratio Lower Upper
106 100
91 222.6 156.9 291.5



#55
Styrene
Concen: 46.642 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:104 Resp: 331681
Ion Ratio Lower Upper
104 100
78 52.2 36.1 67.1

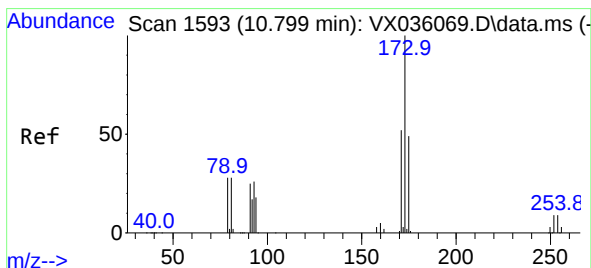
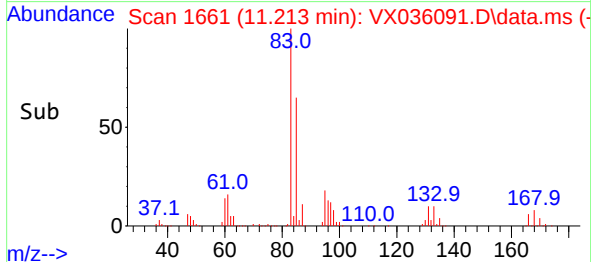
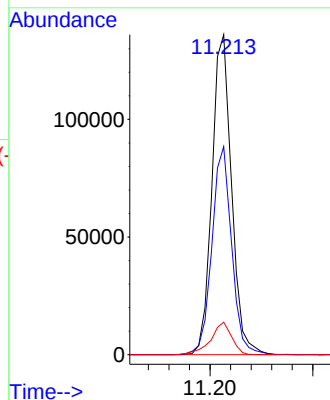
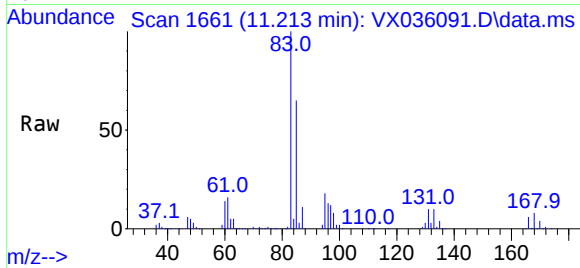




#57
1,1,2,2-Tetrachloroethane
Concen: 47.235 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

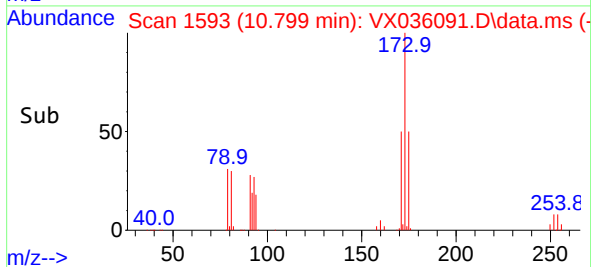
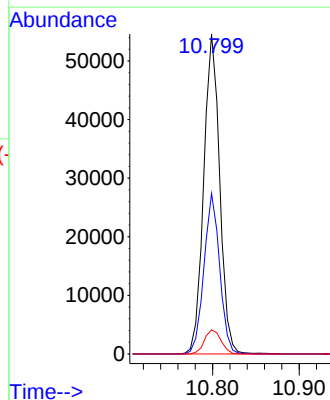
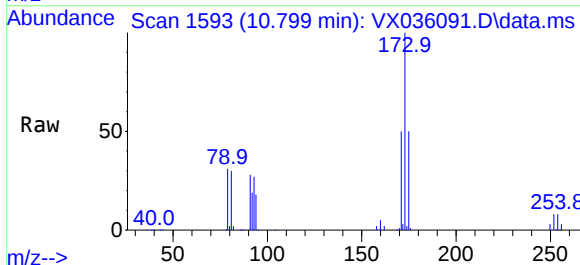
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

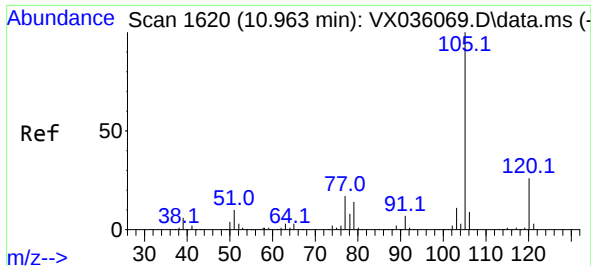
Tgt Ion: 83 Resp: 179707
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.8
131 10.2 8.1 12.1



#59
Bromoform
Concen: 47.433 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:173 Resp: 70001
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 7.8 6.6 10.0

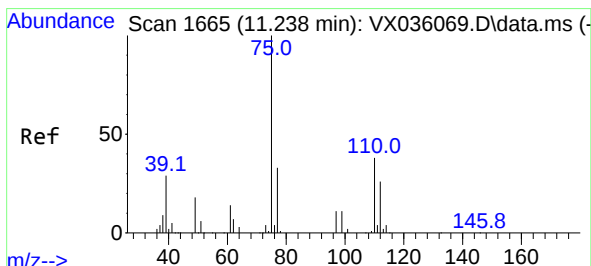
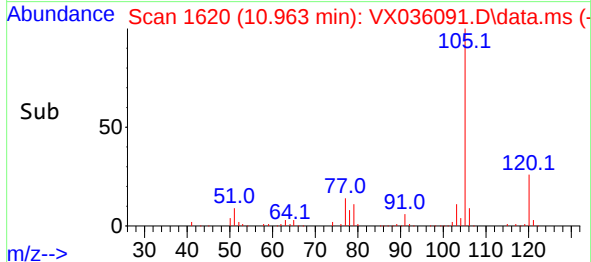
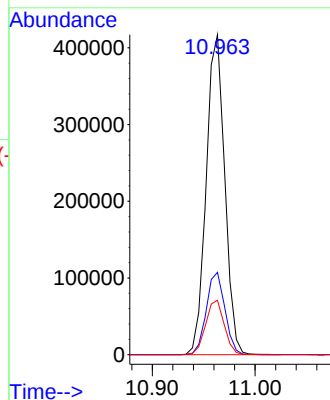
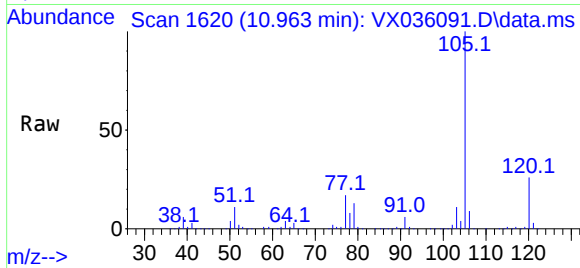




#60
Isopropylbenzene
Concen: 48.497 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

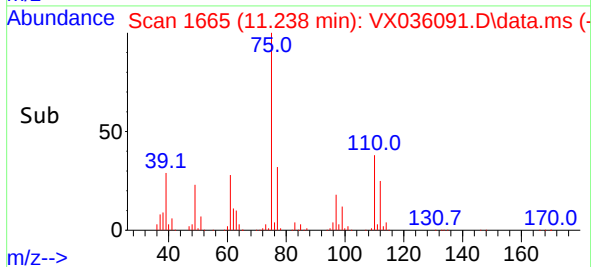
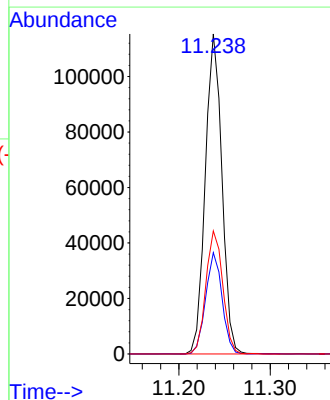
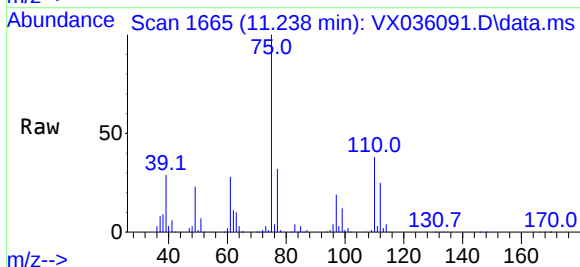
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

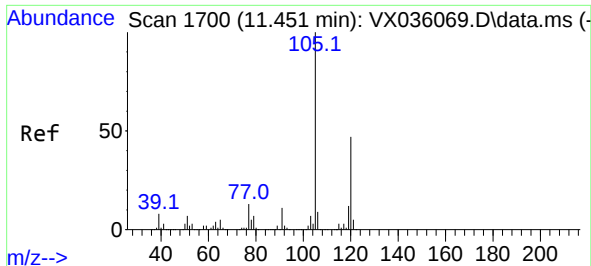
Tgt Ion:105 Resp: 524054
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 17.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 48.364 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion: 75 Resp: 145990
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
110 39.1 31.8 47.6

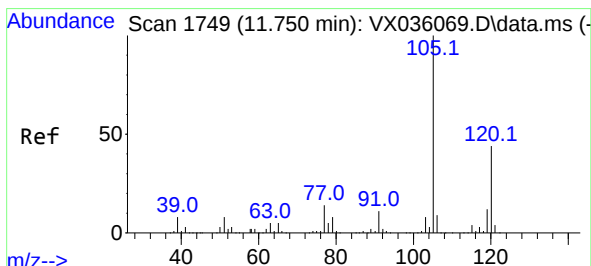
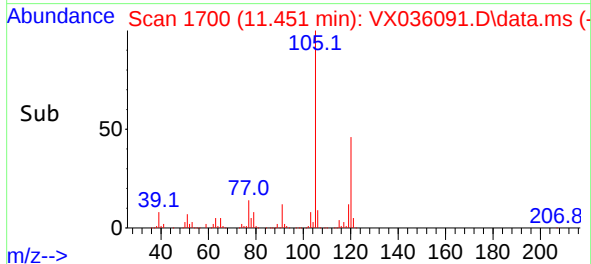
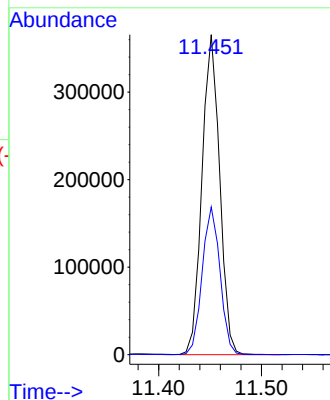
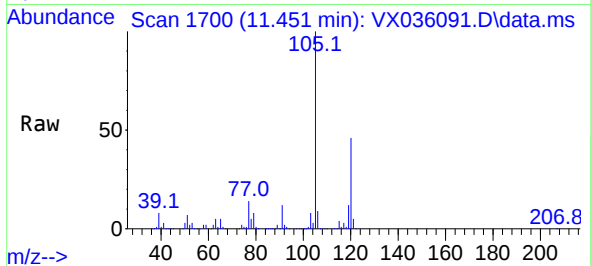




#62
1,3,5-Trimethylbenzene
Concen: 48.782 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

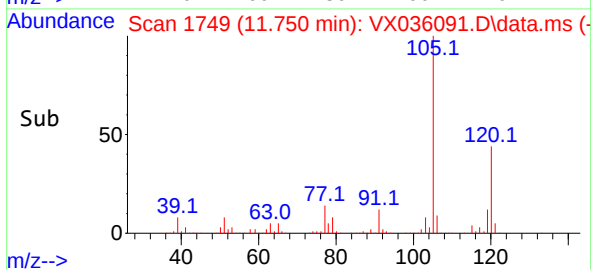
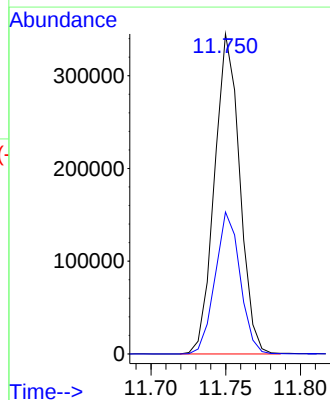
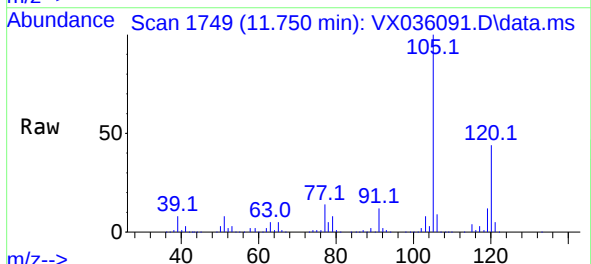
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

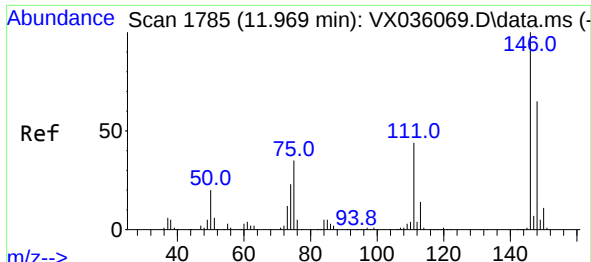
Tgt Ion:105 Resp: 438431
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 48.628 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:105 Resp: 404432
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.6

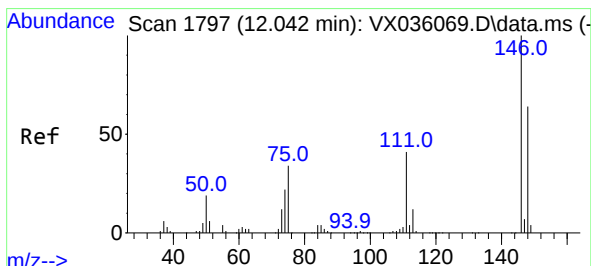
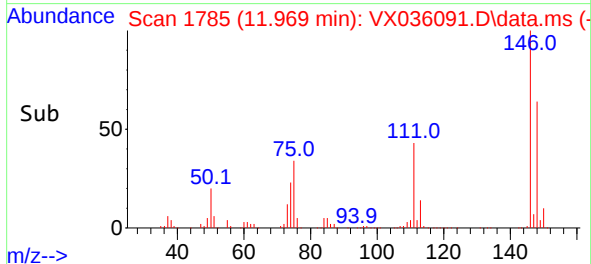
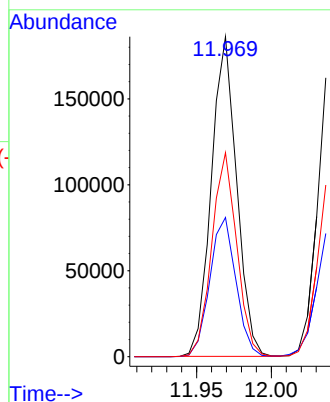
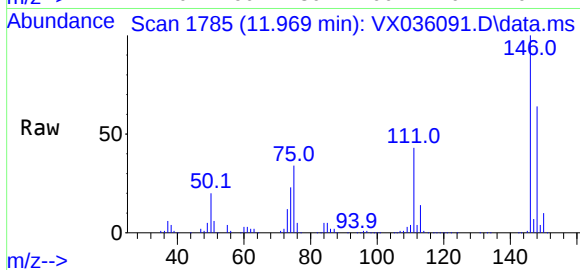




#64
1,3-Dichlorobenzene
Concen: 46.818 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

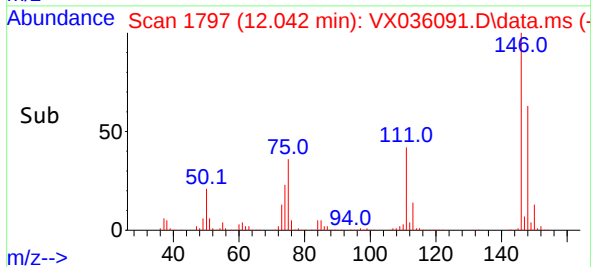
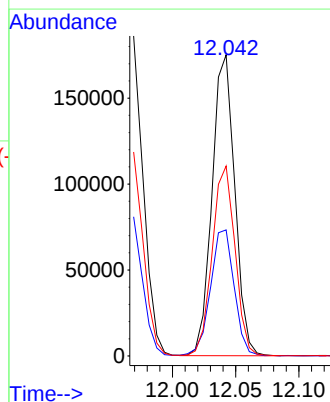
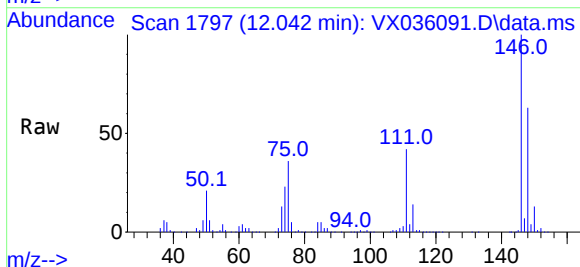
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

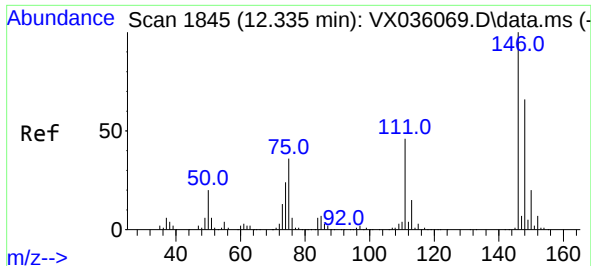
Tgt Ion:146 Resp: 219078
Ion Ratio Lower Upper
146 100
111 43.5 30.9 57.3
148 63.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 45.765 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:146 Resp: 219048
Ion Ratio Lower Upper
146 100
111 41.9 28.8 53.4
148 63.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 47.539 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MS

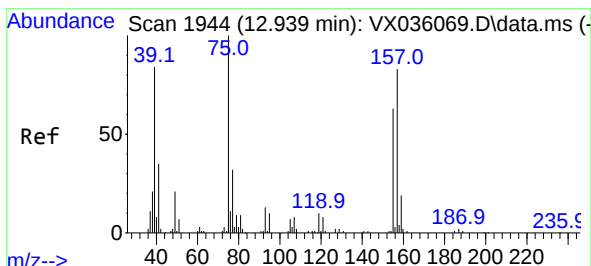
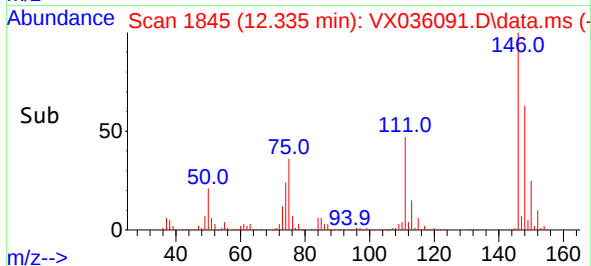
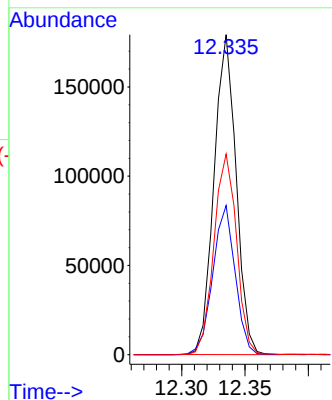
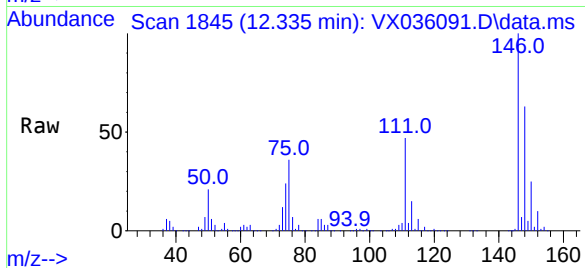
Tgt Ion:146 Resp: 217308

Ion Ratio Lower Upper

146 100

111 46.6 37.0 55.4

148 62.7 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 45.949 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX036091.D

Acq: 08 Jun 2023 23:18

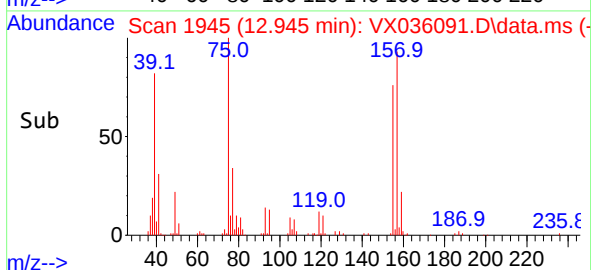
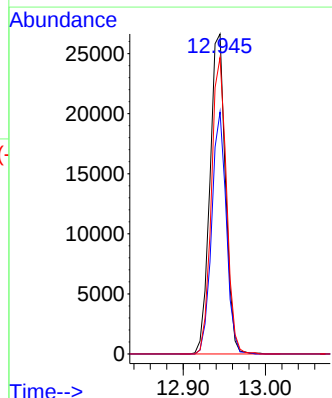
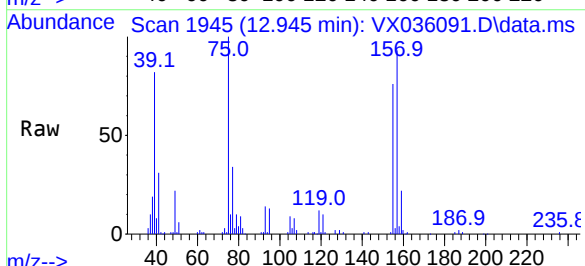
Tgt Ion: 75 Resp: 35029

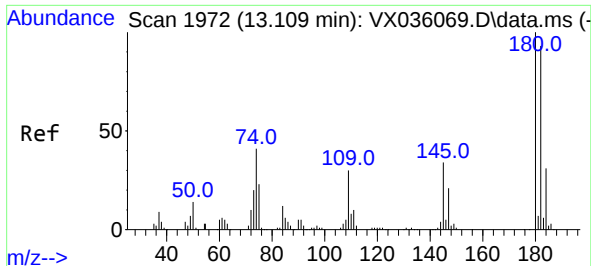
Ion Ratio Lower Upper

75 100

155 75.6 57.0 85.6

157 92.7 75.2 112.8

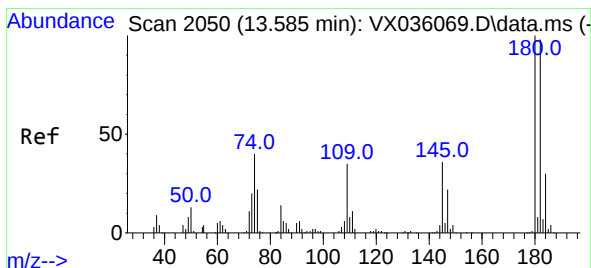
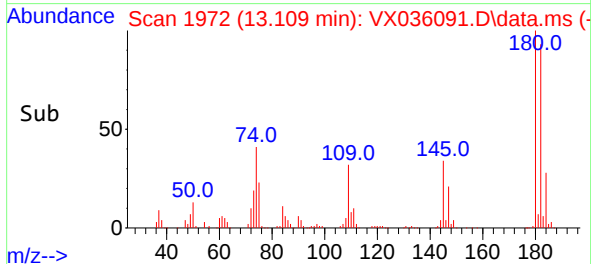
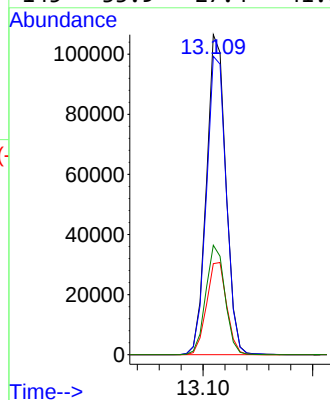
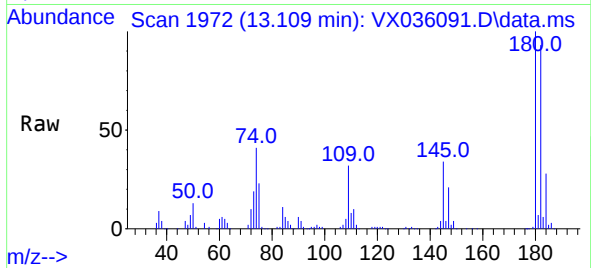




#69
1,3,5-Trichlorobenzene
Concen: 45.555 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

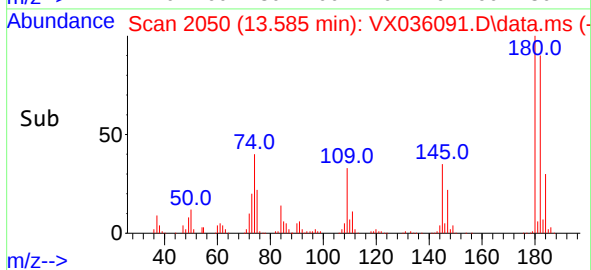
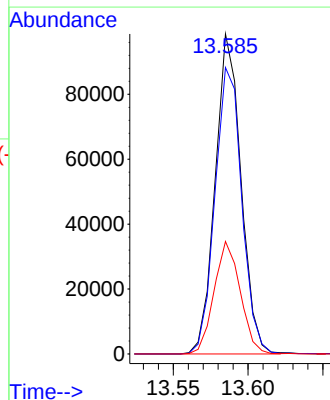
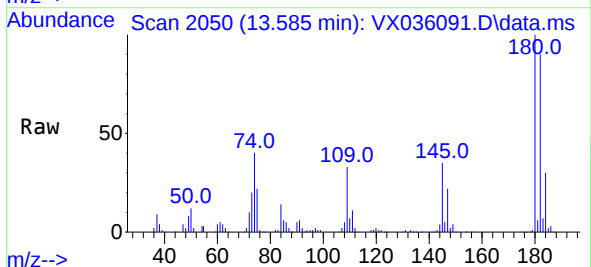
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

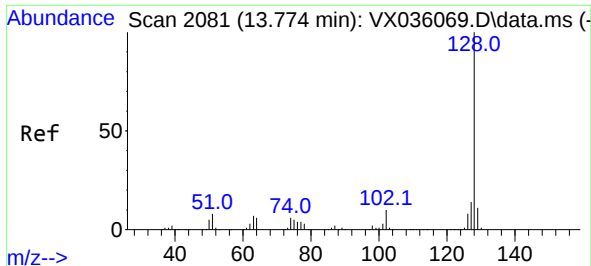
Tgt Ion:180 Resp: 130475
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
184 29.9 23.8 35.8
145 33.9 27.4 41.0



#70
1,2,4-trichlorobenzene
Concen: 45.147 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:180 Resp: 118116
Ion Ratio Lower Upper
180 100
182 93.1 74.6 112.0
145 35.7 28.6 42.8

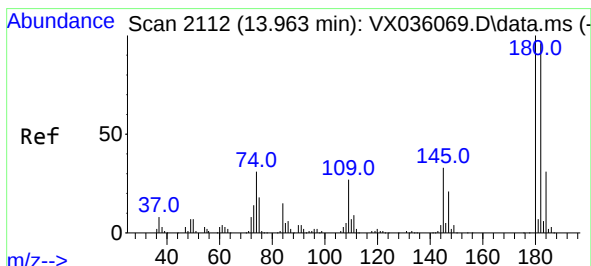
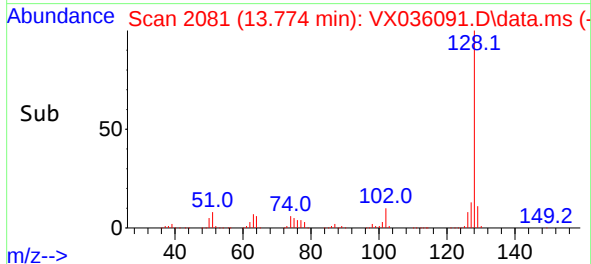
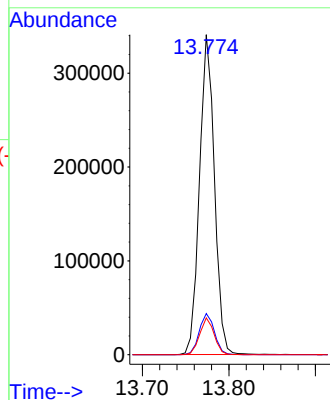
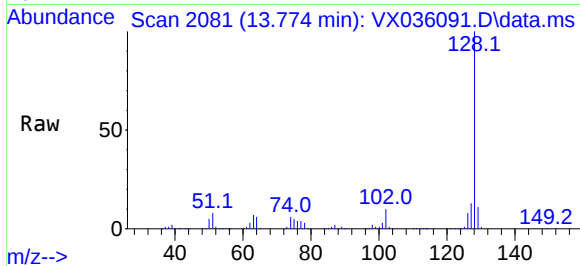




#71
Naphthalene
Concen: 47.366 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Instrument :
MSVOA_X
ClientSampleId :
EZEN4MS

Tgt Ion:128 Resp: 407569
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 45.304 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036091.D
Acq: 08 Jun 2023 23:18

Tgt Ion:180 Resp: 117858
Ion Ratio Lower Upper
180 100
182 97.0 75.4 113.2
145 37.4 29.4 44.0

