

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060823\
 Data File : VX036092.D
 Acq On : 08 Jun 2023 23:42
 Operator : JC/MD
 Sample : 03097-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EZEN4MSD

Quant Time: Jun 09 02:25:56 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	293680	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	276247	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136757	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91981	46.099	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.200%
7) Chloroethane-d5	1.672	69	78238	51.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.260%
11) 1,1-Dichloroethene-d2	2.307	65	47935	47.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.760%
21) 2-Butanone-d5	4.471	46	170886	104.486	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.490%
24) Chloroform-d	5.056	84	220882	53.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.180%
26) 1,2-Dichloroethane-d4	5.952	65	161242	53.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.220%
32) Benzene-d6	5.970	84	412003	49.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	7.306	67	132788	51.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.820%
41) Toluene-d8	8.647	98	380914	49.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.946	79	61694	49.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.520%
47) 2-Hexanone-d5	9.384	63	121557	105.686	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	183587	52.035	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	134595	50.692	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127464	45.573	ug/L	98
3) Chloromethane	1.295	50	125977	47.805	ug/L	99
5) Vinyl chloride	1.374	62	119779	49.038	ug/L	99
6) Bromomethane	1.618	94	71928	50.545	ug/L	99
8) Chloroethane	1.691	64	74737	51.582	ug/L	100
9) Trichlorofluoromethane	1.892	101	166489	48.458	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	103155	46.001	ug/L	99
12) 1,1-Dichloroethene	2.319	96	95544	48.959	ug/L	94
13) Acetone	2.404	43	117266	67.862	ug/L	100
14) Carbon disulfide	2.514	76	252122	47.077	ug/L	99
15) Methyl Acetate	2.709	43	130219	48.706	ug/L	99
16) Methylene chloride	2.788	84	115053	51.343	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	102492	49.020	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	390306	52.466	ug/L	99
19) 1,1-Dichloroethane	3.611	63	216306	51.891	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	121620	50.697	ug/L	98
22) 2-Butanone	4.574	43	182002	88.184	ug/L	100
23) Bromochloromethane	4.898	128	60090	50.467	ug/L	97
25) Chloroform	5.093	83	233651	51.528	ug/L	96

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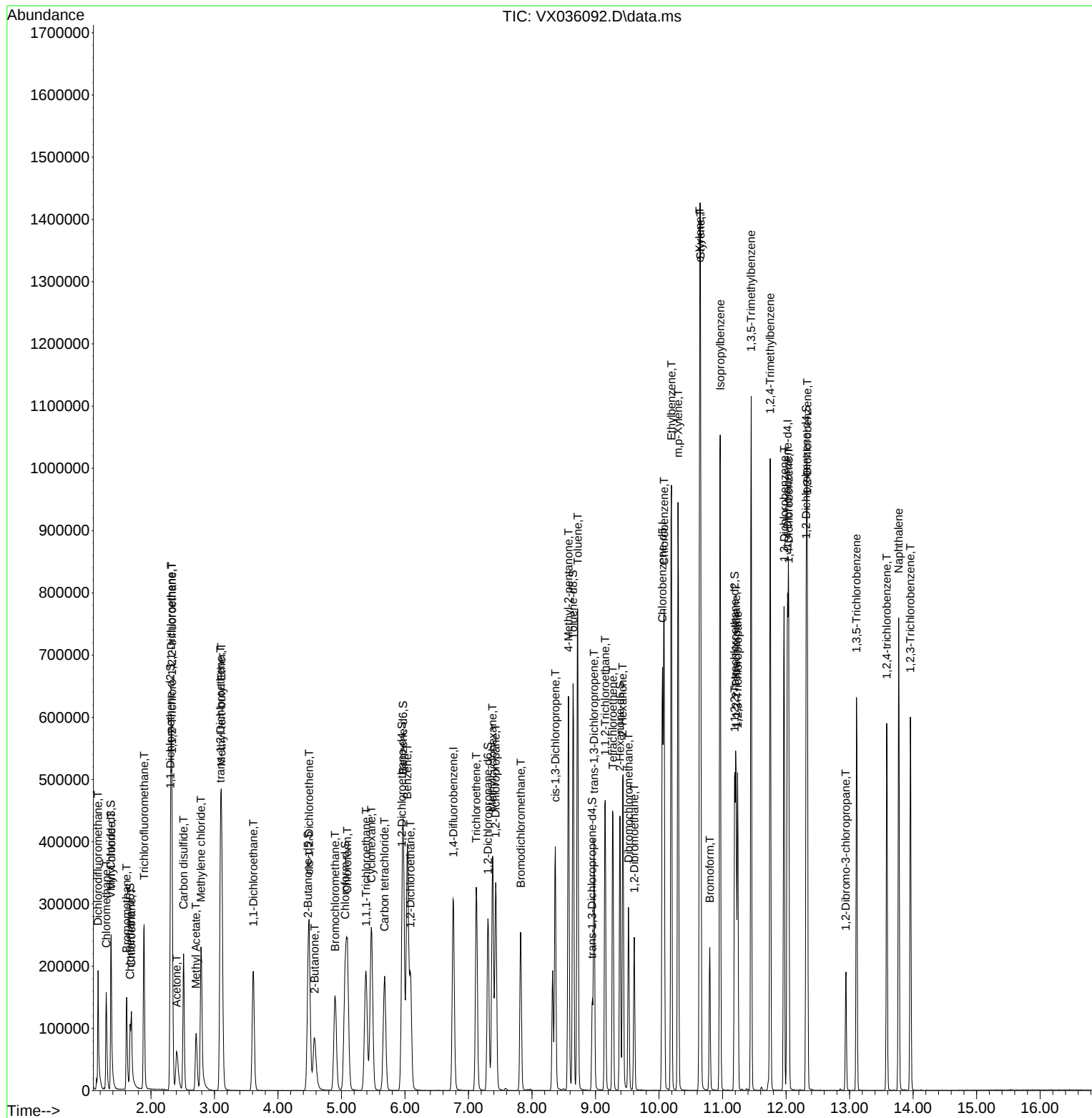
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	202222	52.268	ug/L	100
29) Cyclohexane	5.471	56	174310	45.429	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	191833	50.110	ug/L	98
31) Carbon tetrachloride	5.678	117	157069	49.405	ug/L	99
33) Benzene	6.038	78	457484	49.708	ug/L	100
34) Trichloroethene	7.123	95	125127	50.479	ug/L	95
35) Methylcyclohexane	7.379	83	160054	43.985	ug/L	99
37) 1,2-Dichloropropane	7.428	63	123920	51.302	ug/L	100
38) Bromodichloromethane	7.824	83	160037	51.391	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	191603	50.769	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	372895	102.504	ug/L	100
42) Toluene	8.720	91	485454	50.715	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	181937	51.483	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	119414	50.513	ug/L	99
46) Tetrachloroethene	9.275	164	80634	46.518	ug/L	97
48) 2-Hexanone	9.427	43	282258	98.330	ug/L	99
49) Dibromochloromethane	9.519	129	116288	51.845	ug/L	98
50) 1,2-Dibromoethane	9.610	107	129191	51.718	ug/L	96
51) Chlorobenzene	10.079	112	310598	49.320	ug/L	100
52) Ethylbenzene	10.195	91	556183	50.450	ug/L	99
53) m,p-Xylene	10.299	106	205102	49.057	ug/L	99
54) o-Xylene	10.640	106	203201	49.724	ug/L	97
55) Styrene	10.653	104	351277	50.578	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	191295	51.482	ug/L	99
59) Bromoform	10.799	173	74145	51.856	ug/L	99
60) Isopropylbenzene	10.963	105	538349	51.422	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	150848	51.579	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	448265	51.480	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	412196	51.155	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	226480	49.956	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	230215	49.644	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	226093	51.051	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	38625	52.295	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	130102	46.885	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	120800	47.657	ug/L	100
71) Naphthalene	13.774	128	430902	51.688	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	121983	48.397	ug/L	99

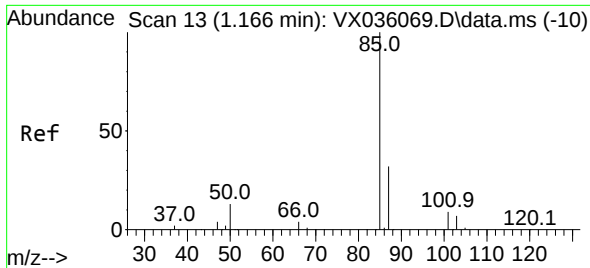
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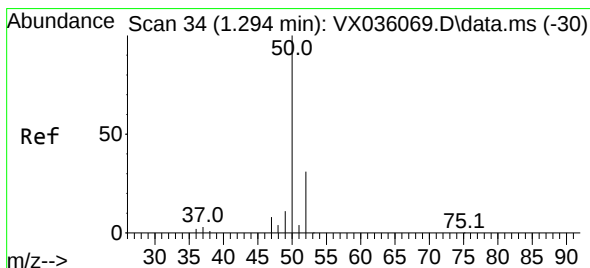
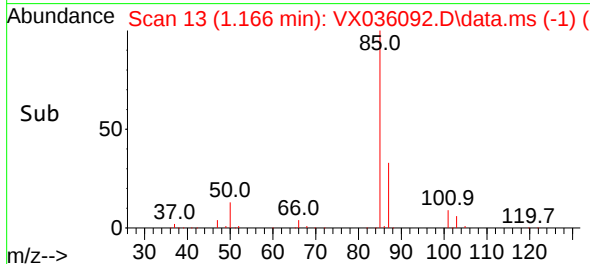
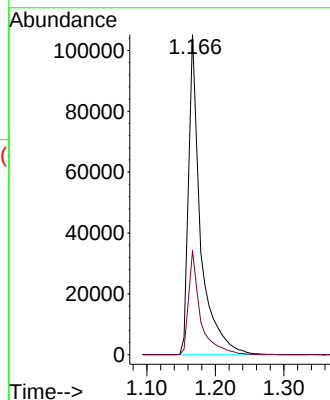
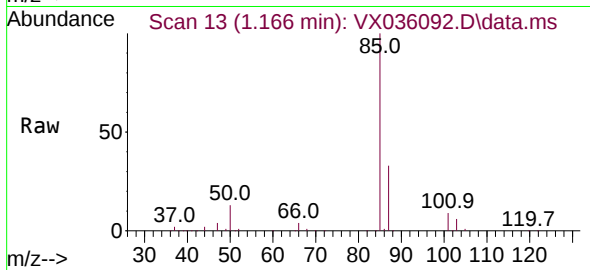




#2
 Dichlorodifluoromethane
 Concen: 45.573 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036092.D
 Acq: 08 Jun 2023 23:42

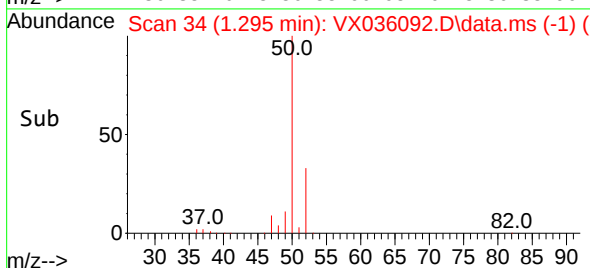
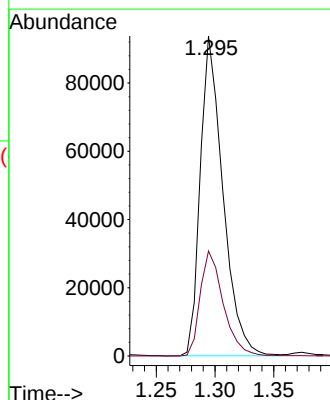
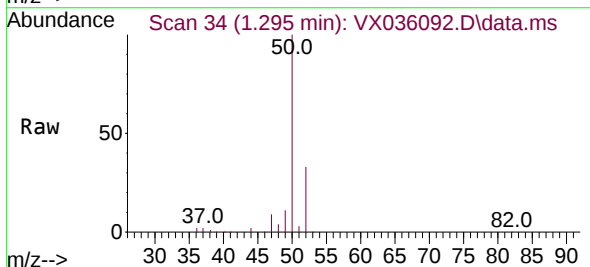
Instrument :
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 ClientSampleId :
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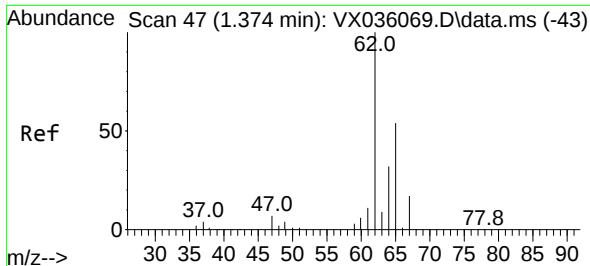
Tgt Ion: 85 Resp: 127464
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.4 39.6



#3
 Chloromethane
 Concen: 47.805 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036092.D
 Acq: 08 Jun 2023 23:42

Tgt Ion: 50 Resp: 125977
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.9

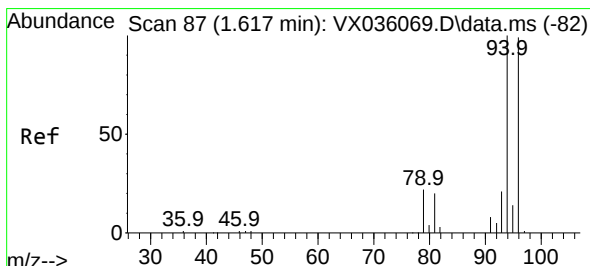
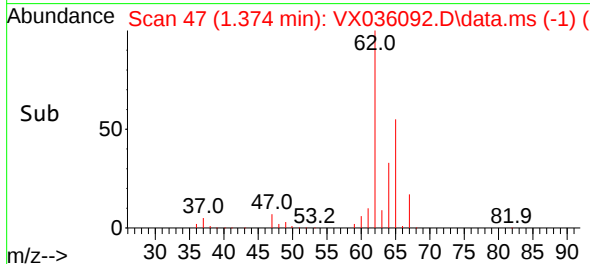
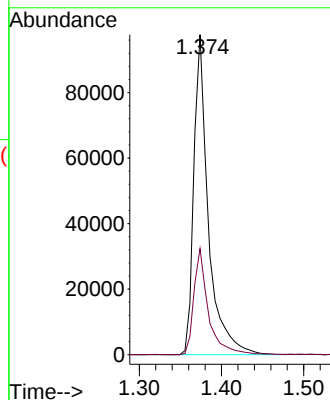
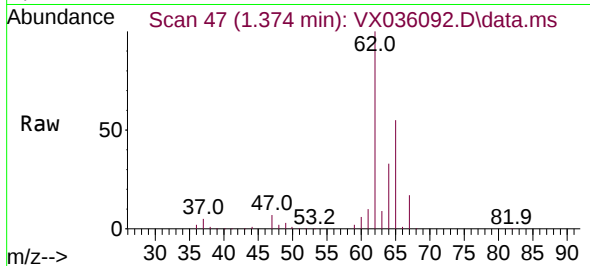




#5
 Vinyl chloride
 Concen: 49.038 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036092.D
 Acq: 08 Jun 2023 23:42

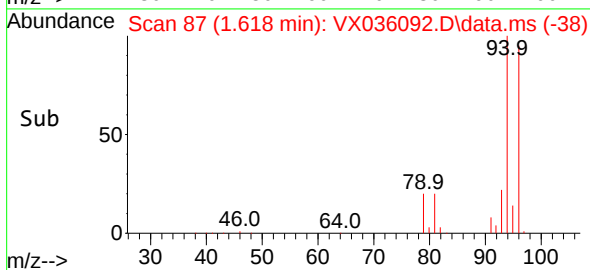
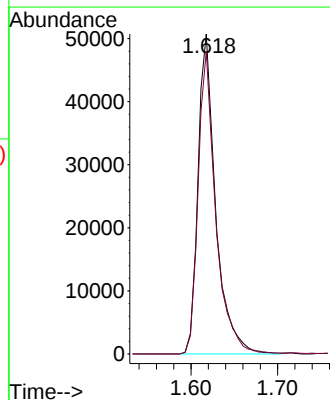
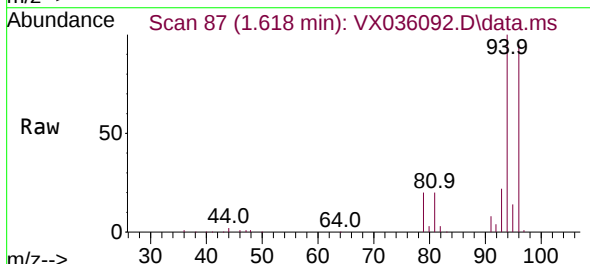
Instrument :
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 ClientSampleId :
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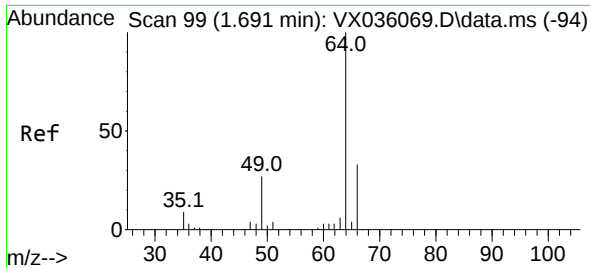
Tgt Ion: 62 Resp: 119779
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.7 42.1



#6
 Bromomethane
 Concen: 50.545 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX036092.D
 Acq: 08 Jun 2023 23:42

Tgt Ion: 94 Resp: 71928
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.8 122.2

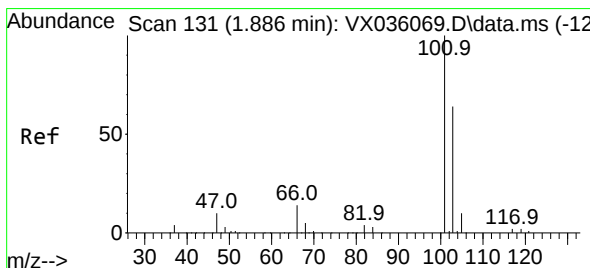
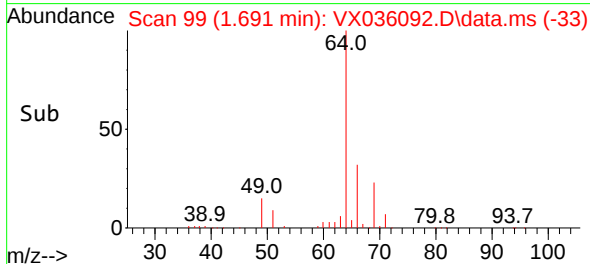
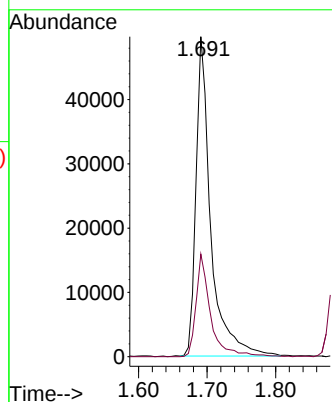
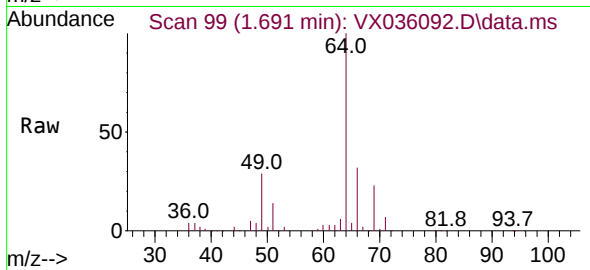




#8
Chloroethane
Concen: 51.582 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

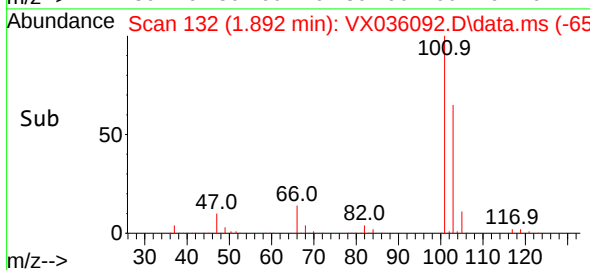
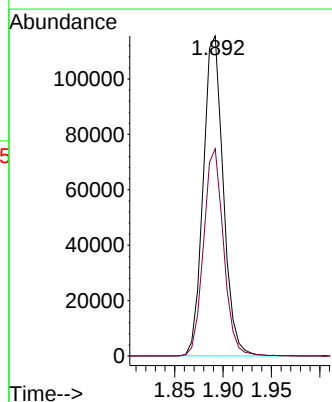
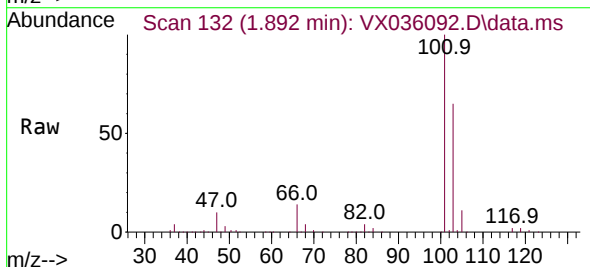
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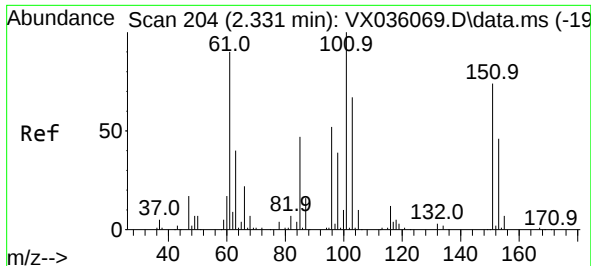
Tgt Ion: 64 Resp: 74737
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 48.458 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 101 Resp: 166489
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

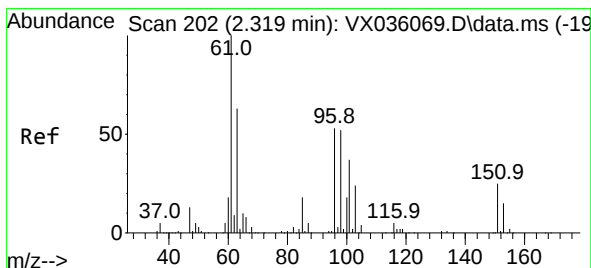
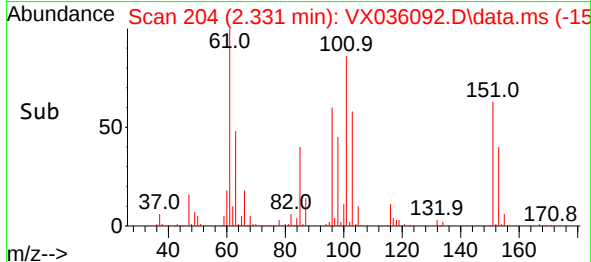
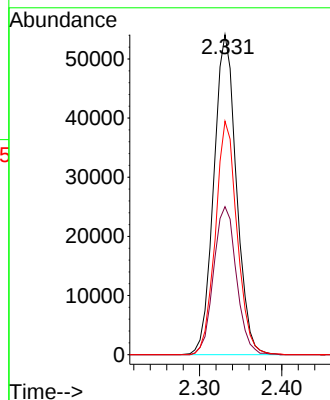
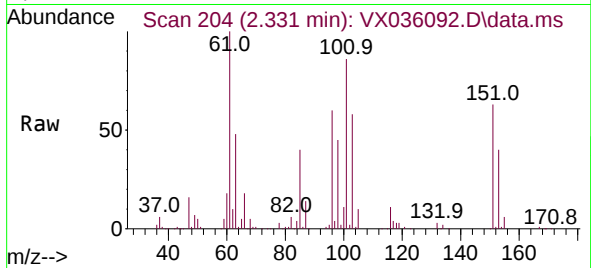




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.001 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036092.D
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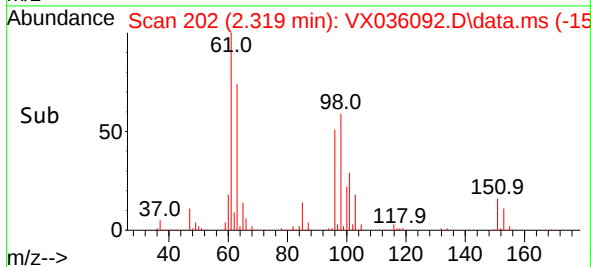
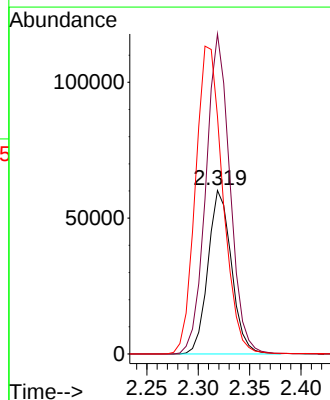
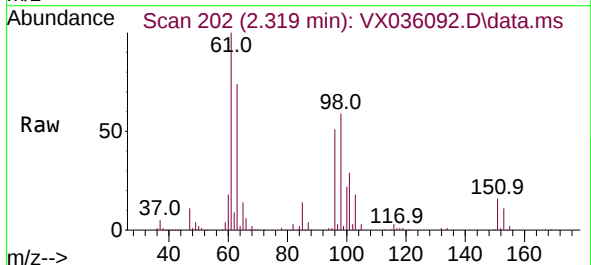
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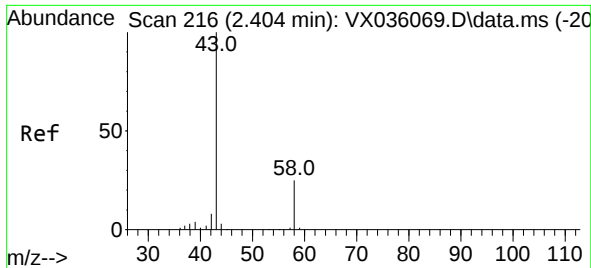
Tgt Ion:101 Resp: 103155
 Ion Ratio Lower Upper
 101 100
 85 46.8 36.6 55.0
 151 70.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 48.959 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036092.D
 Acq: 08 Jun 2023 23:42

Tgt Ion: 96 Resp: 95544
 Ion Ratio Lower Upper
 96 100
 61 195.6 132.5 246.1
 63 145.2 95.1 176.7





#13

Acetone

Concen: 67.862 ug/L

RT: 2.404 min Scan# 216

Delta R.T. -0.006 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

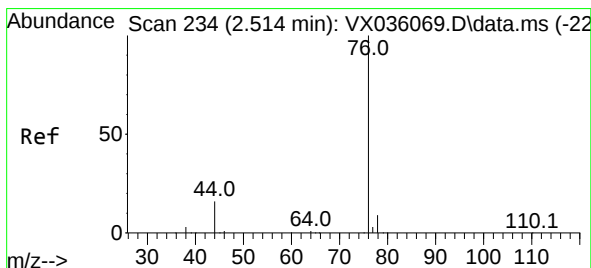
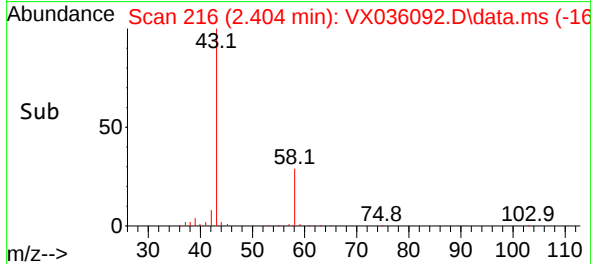
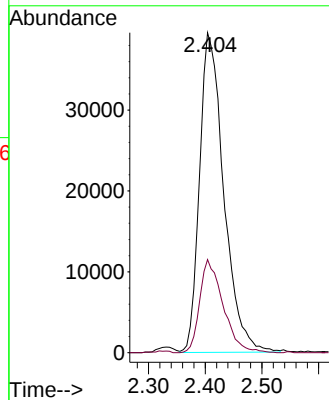
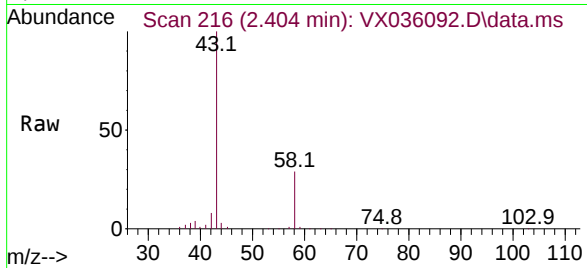
EZEN4MSD

Tgt Ion: 43 Resp: 117266

Ion Ratio Lower Upper

43 100

58 27.7 0.0 55.4



#14

Carbon disulfide

Concen: 47.077 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

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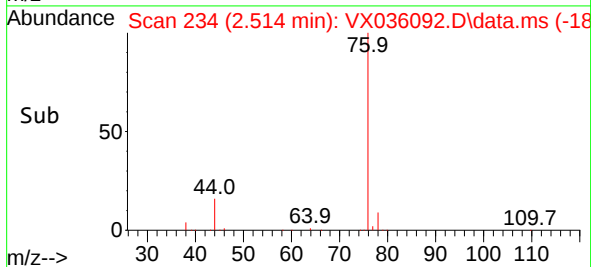
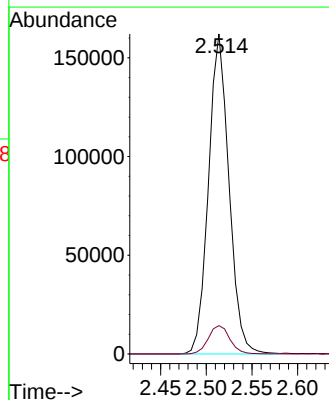
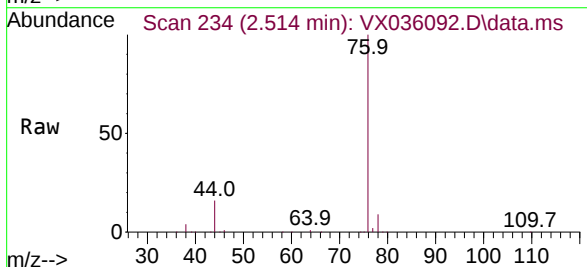
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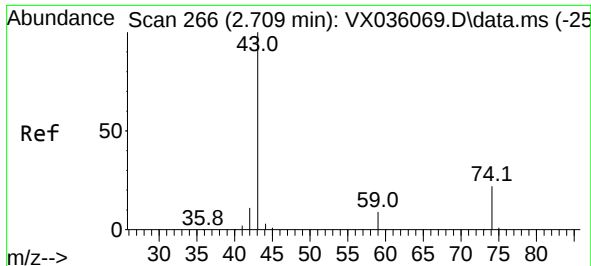
Tgt Ion: 76 Resp: 252122

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

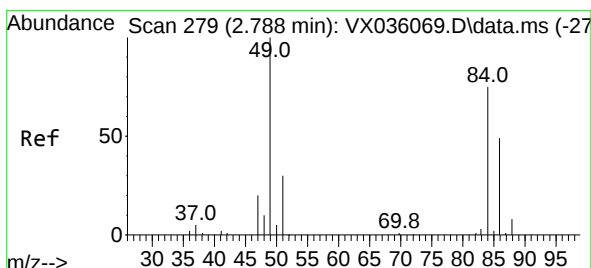
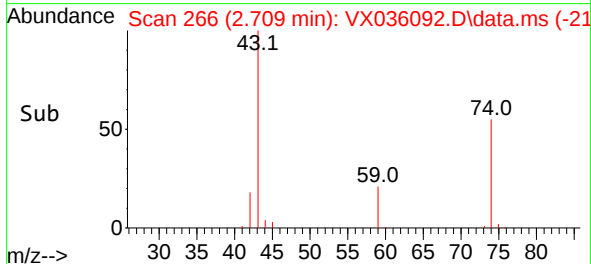
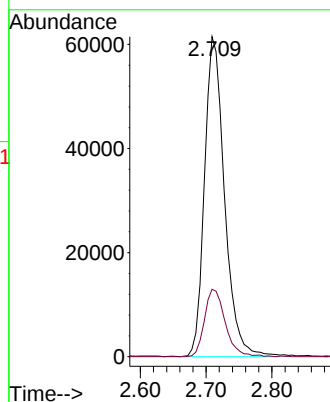
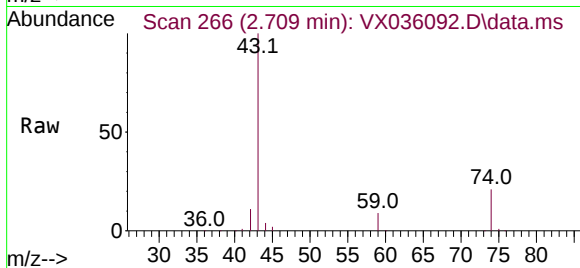




#15
Methyl Acetate
Concen: 48.706 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

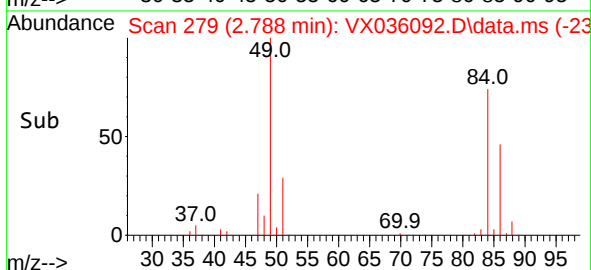
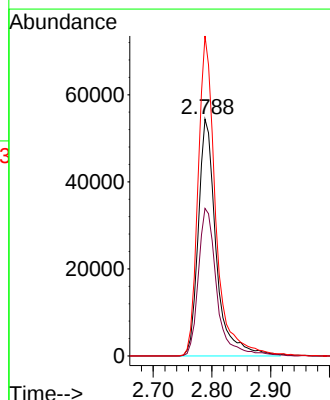
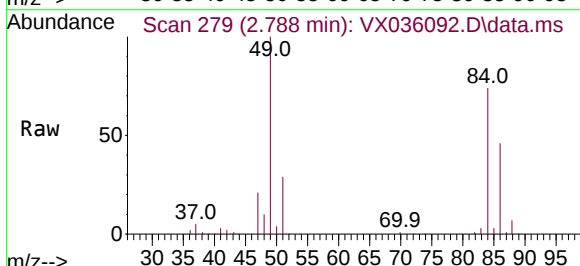
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

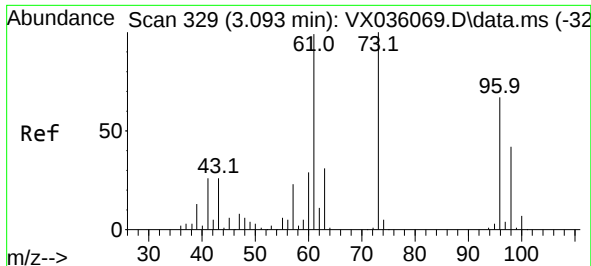
Tgt Ion: 43 Resp: 130219
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.2



#16
Methylene chloride
Concen: 51.343 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 84 Resp: 115053
Ion Ratio Lower Upper
84 100
86 62.3 46.5 86.5
49 135.1 95.1 176.5

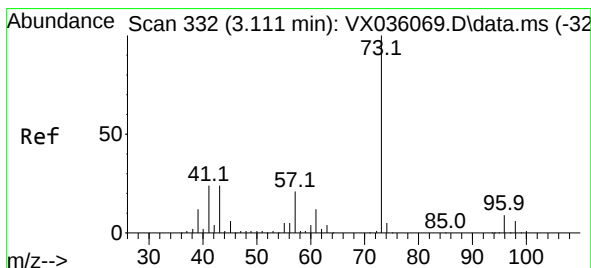
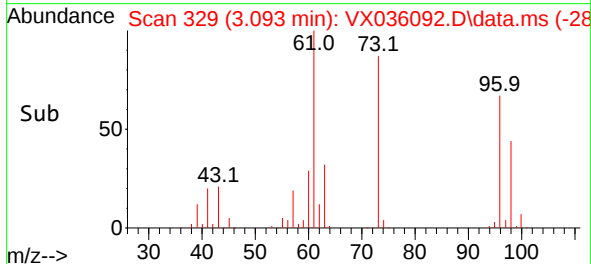
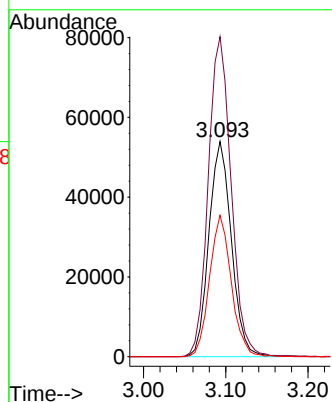
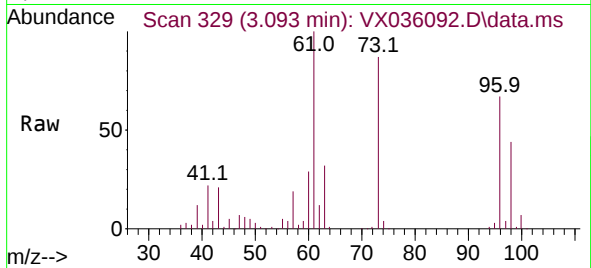




#17
trans-1,2-Dichloroethene
Concen: 49.020 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

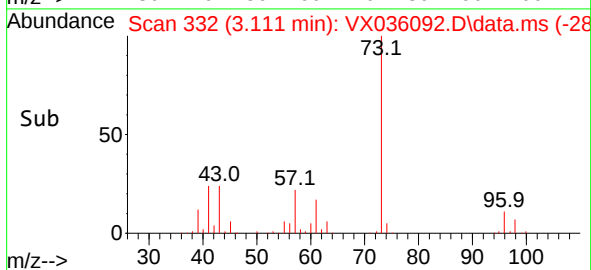
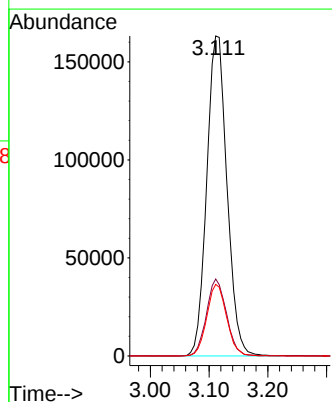
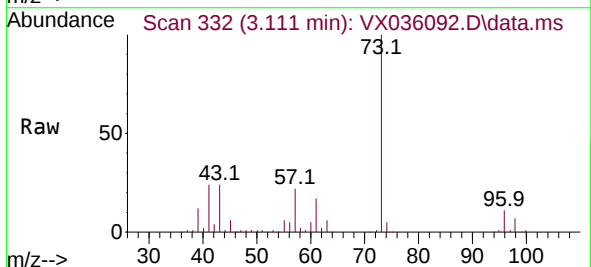
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

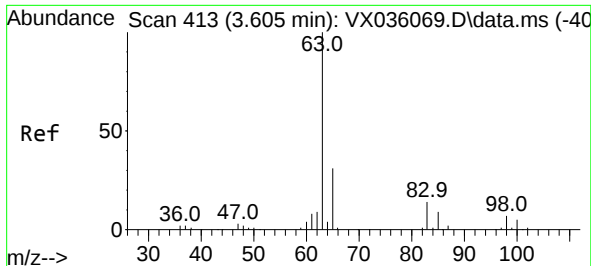
Tgt Ion: 96 Resp: 102492
Ion Ratio Lower Upper
96 100
61 148.6 100.7 187.1
98 65.7 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 52.466 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 73 Resp: 390306
Ion Ratio Lower Upper
73 100
43 23.7 19.4 29.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.891 ug/L

RT: 3.611 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MSD

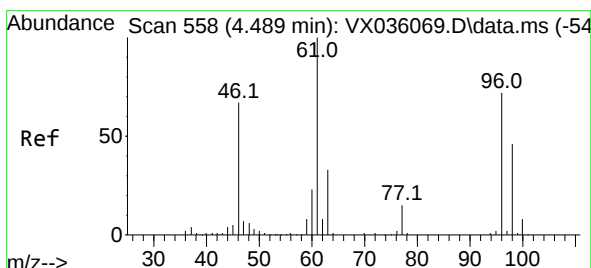
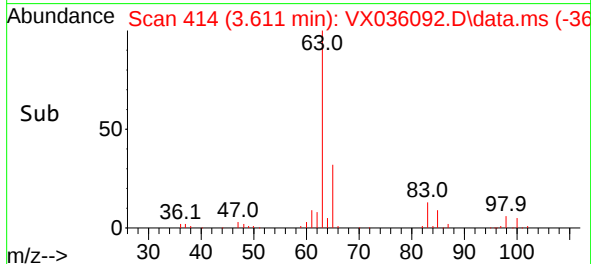
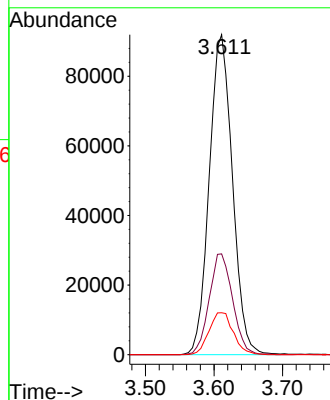
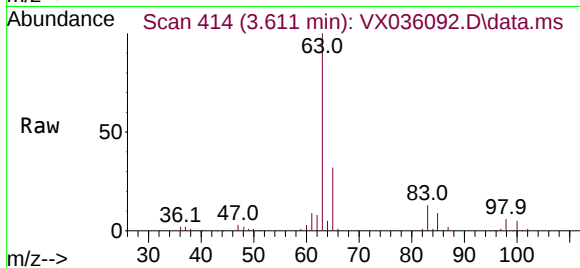
Tgt Ion: 63 Resp: 216306

Ion Ratio Lower Upper

63 100

65 31.5 22.6 42.0

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 50.697 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

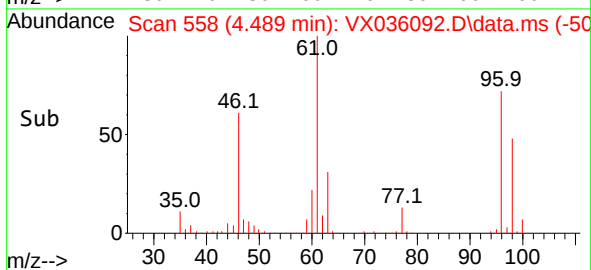
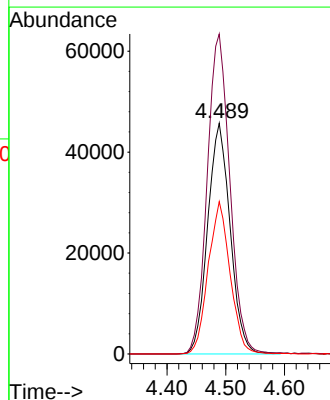
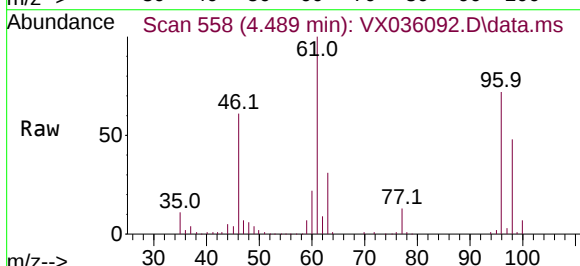
Tgt Ion: 96 Resp: 121620

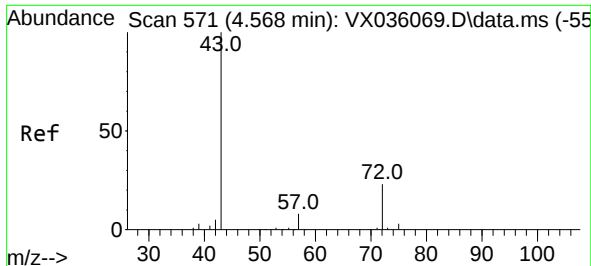
Ion Ratio Lower Upper

96 100

61 138.7 94.7 175.9

98 66.0 45.4 84.4

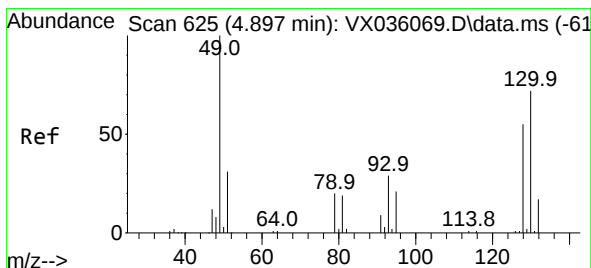
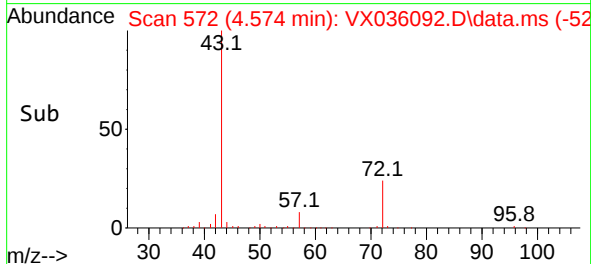
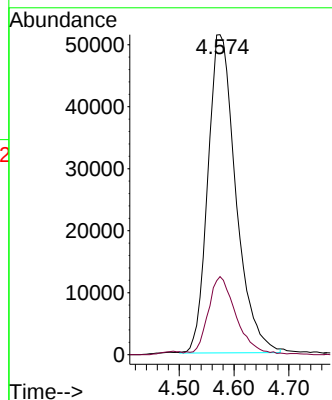
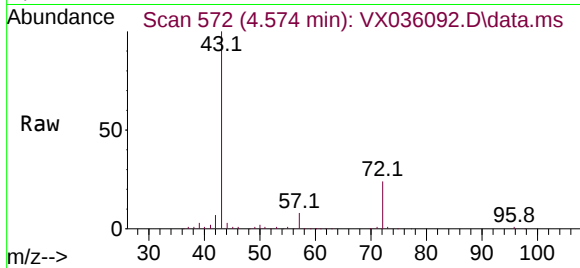




#22
2-Butanone
Concen: 88.184 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

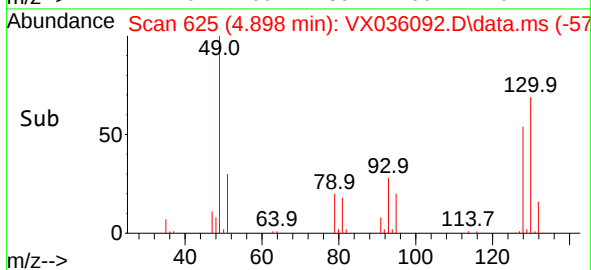
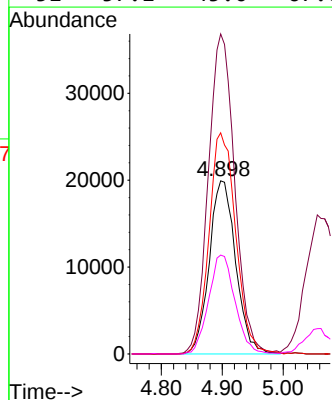
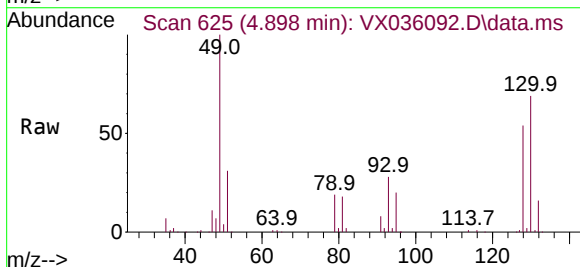
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

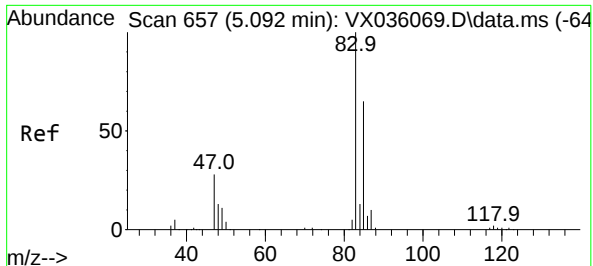
Tgt Ion: 43 Resp: 182002
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.1



#23
Bromochloromethane
Concen: 50.467 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 128 Resp: 60090
Ion Ratio Lower Upper
128 100
49 184.9 123.9 230.1
130 127.8 88.3 164.1
51 57.1 45.0 67.6





#25

Chloroform

Concen: 51.528 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

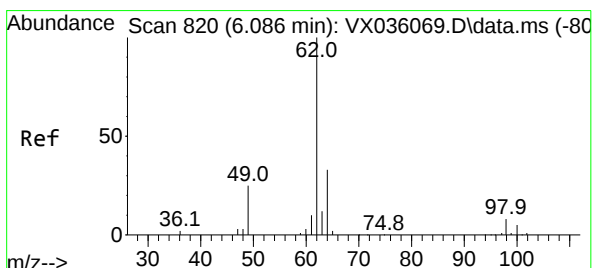
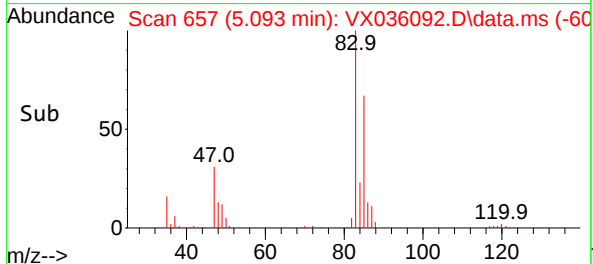
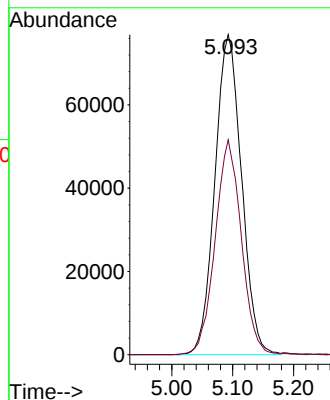
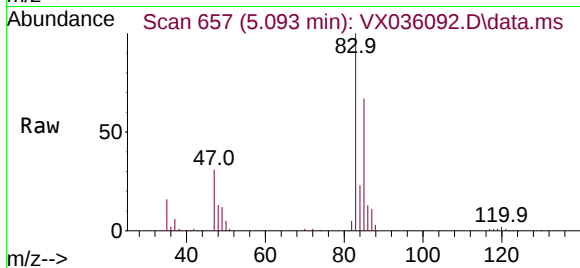
EZEN4MSD

Tgt Ion: 83 Resp: 233651

Ion Ratio Lower Upper

83 100

85 67.2 45.0 83.6



#27

1,2-Dichloroethane

Concen: 52.268 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036092.D

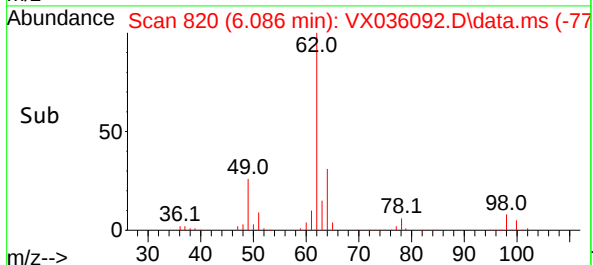
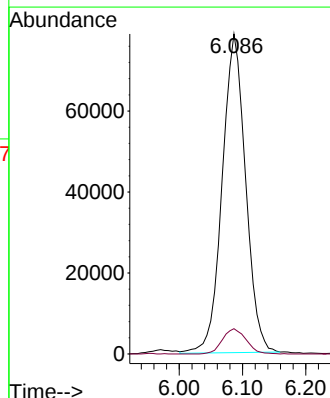
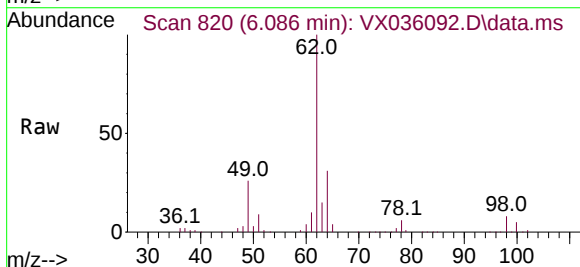
Acq: 08 Jun 2023 23:42

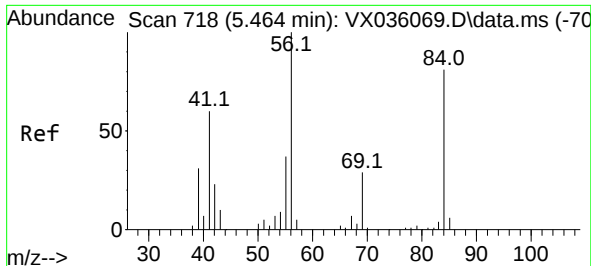
Tgt Ion: 62 Resp: 202222

Ion Ratio Lower Upper

62 100

98 7.9 6.4 9.6

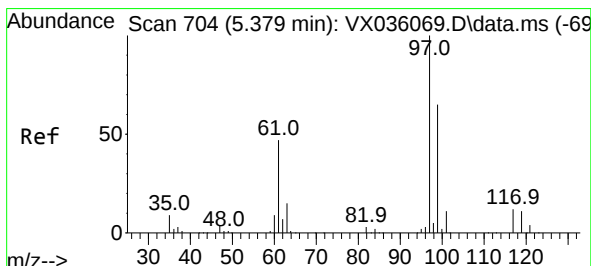
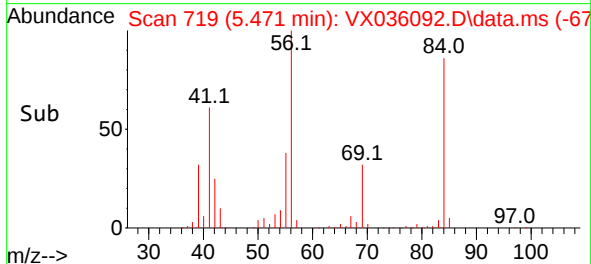
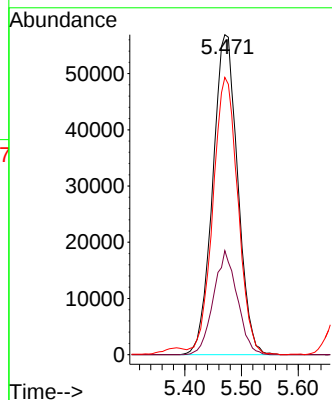
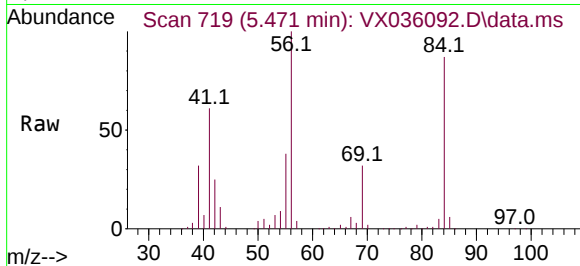




#29
Cyclohexane
Concen: 45.429 ug/L
RT: 5.471 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

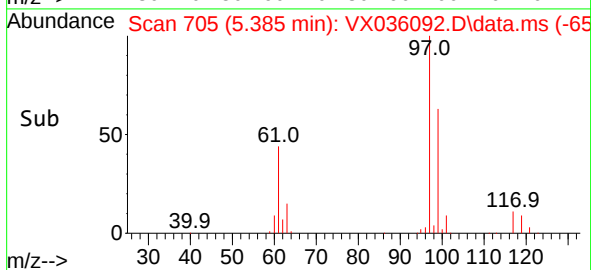
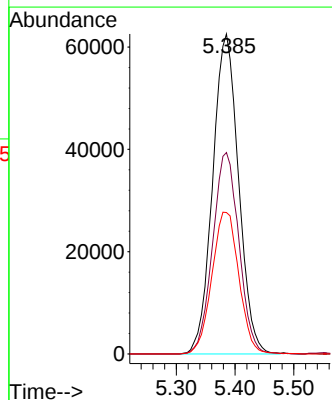
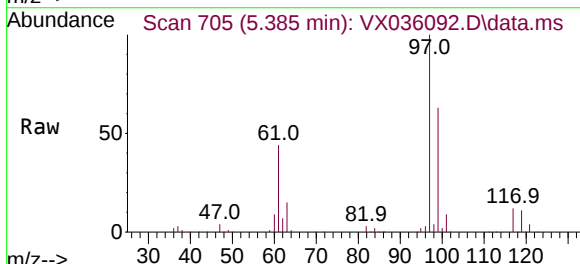
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

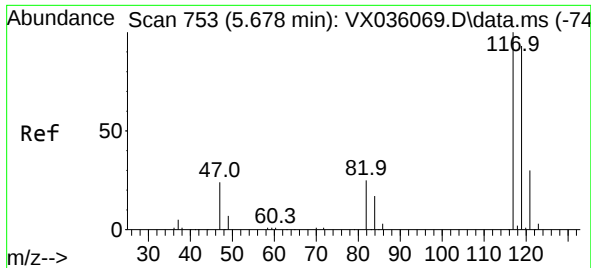
Tgt Ion: 56 Resp: 174310
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 86.9 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 50.110 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 97 Resp: 191833
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 46.2 38.0 57.0

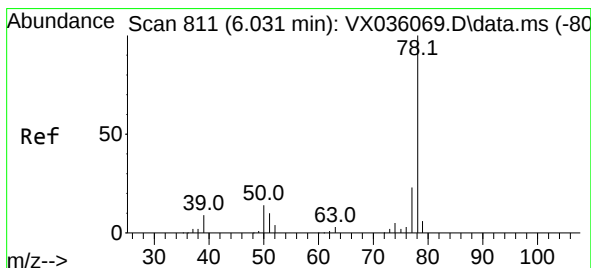
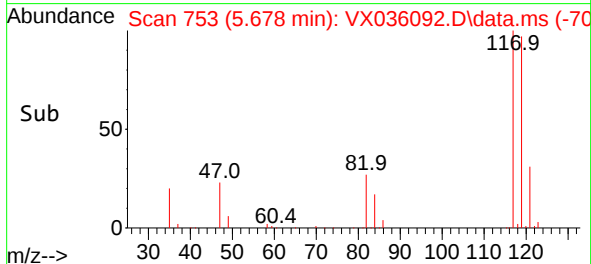
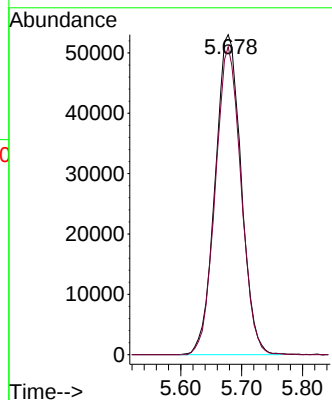
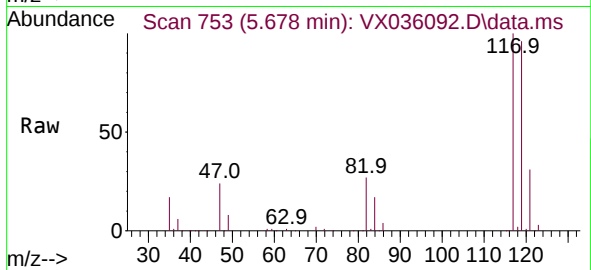




#31
Carbon tetrachloride
Concen: 49.405 ug/L
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

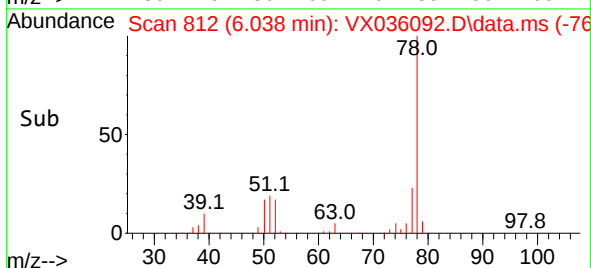
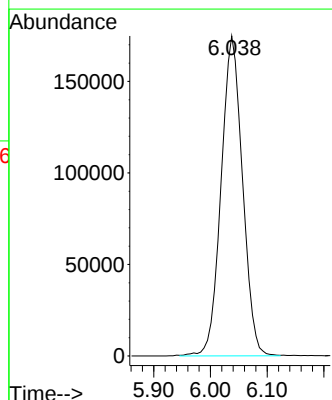
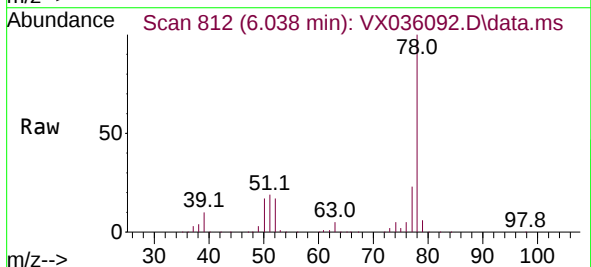
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

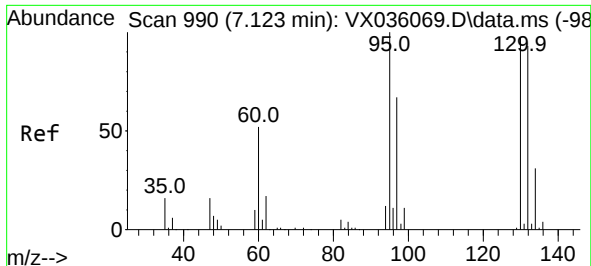
Tgt Ion:117 Resp: 157069
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 49.708 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 78 Resp: 457484



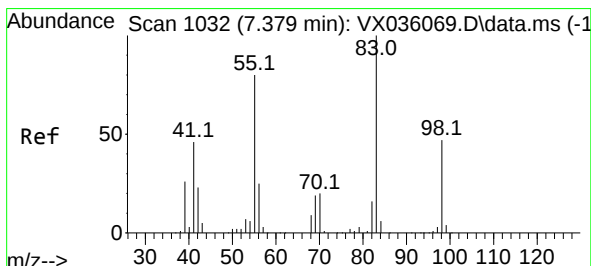
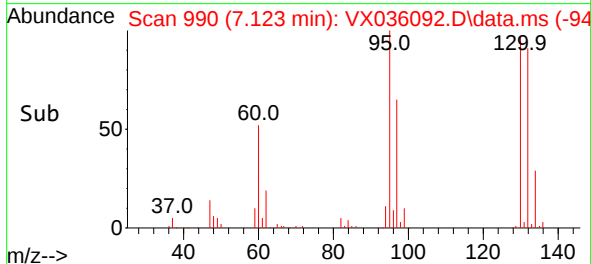
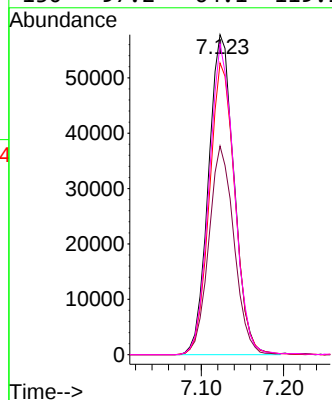
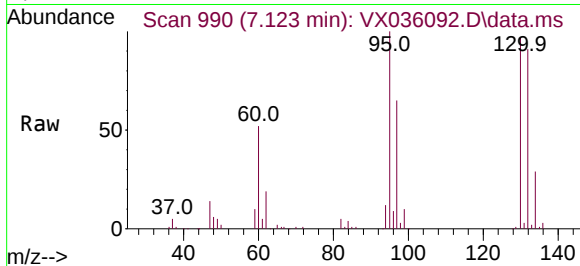


#34
Trichloroethene
Concen: 50.479 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

Tgt Ion: 95 Resp: 125127

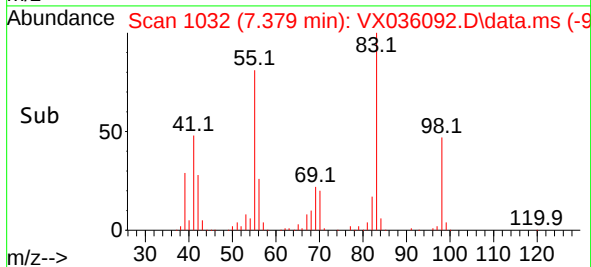
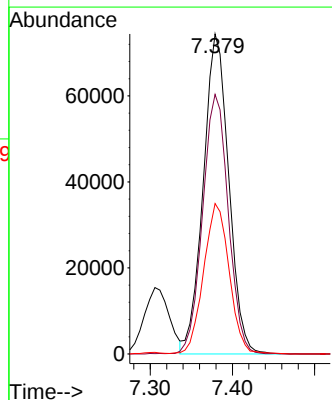
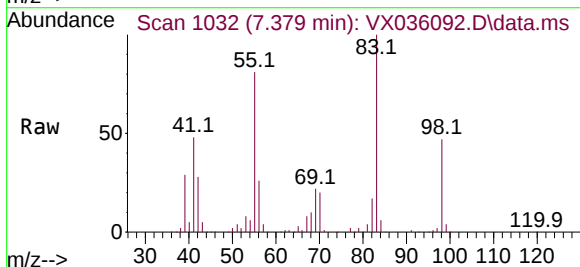
Ion	Ratio	Lower	Upper
95	100		
97	65.2	43.6	81.0
132	91.2	59.9	111.3
130	97.2	64.1	119.1

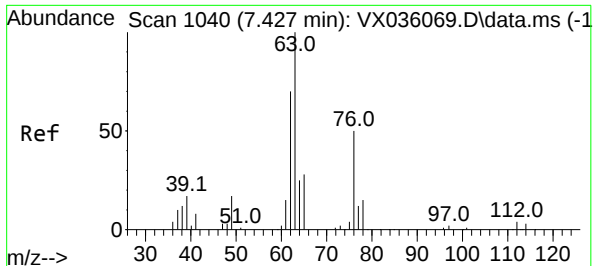


#35
Methylcyclohexane
Concen: 43.985 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 83 Resp: 160054

Ion	Ratio	Lower	Upper
83	100		
55	81.6	65.4	98.2
98	47.3	39.0	58.6





#37

1,2-Dichloropropane

Concen: 51.302 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

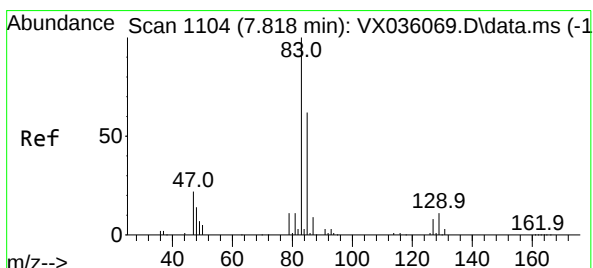
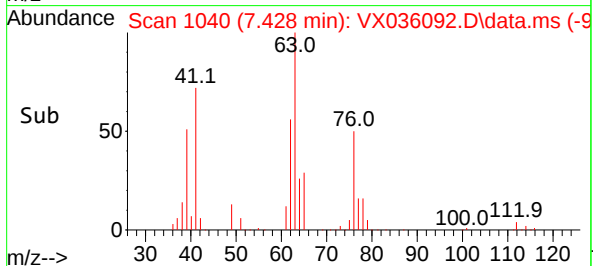
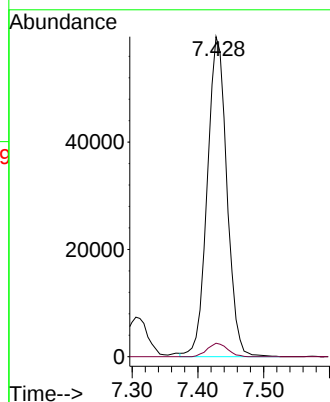
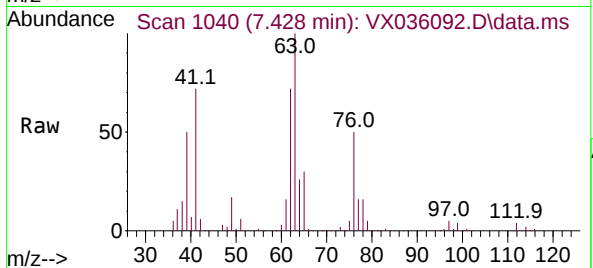
EZEN4MSD

Tgt Ion: 63 Resp: 123920

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 51.391 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

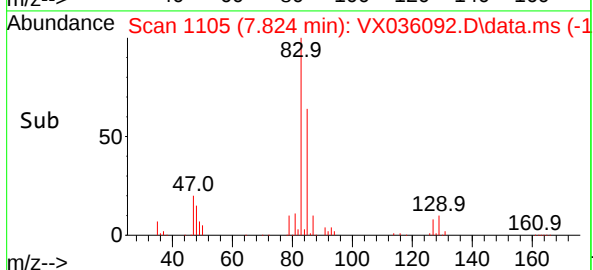
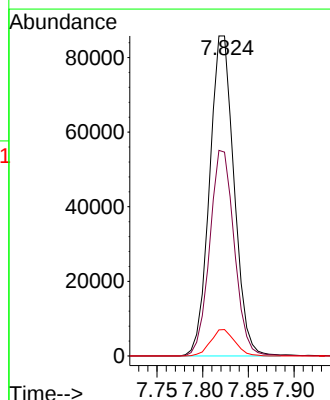
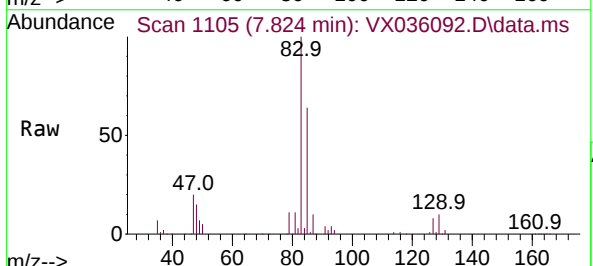
Tgt Ion: 83 Resp: 160037

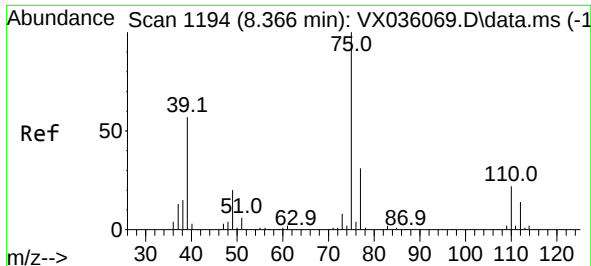
Ion Ratio Lower Upper

83 100

85 63.7 45.3 84.1

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 50.769 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

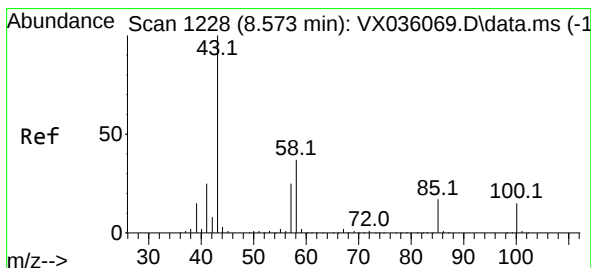
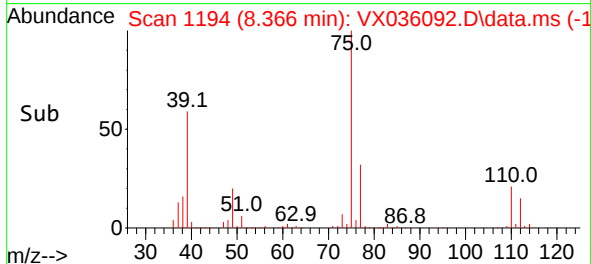
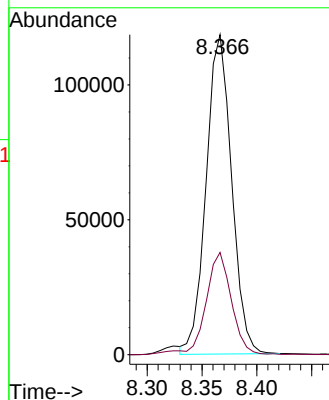
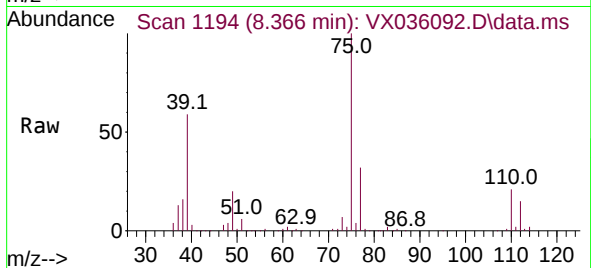
EZEN4MSD

Tgt Ion: 75 Resp: 191603

Ion Ratio Lower Upper

75 100

77 32.0 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 102.504 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

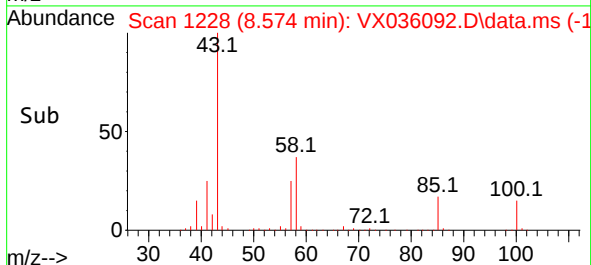
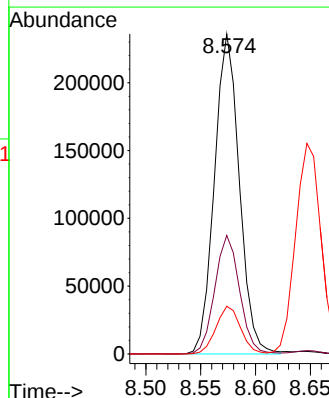
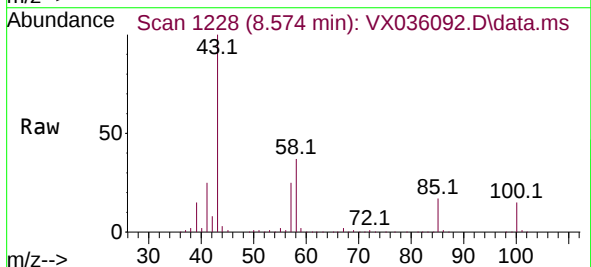
Tgt Ion: 43 Resp: 372895

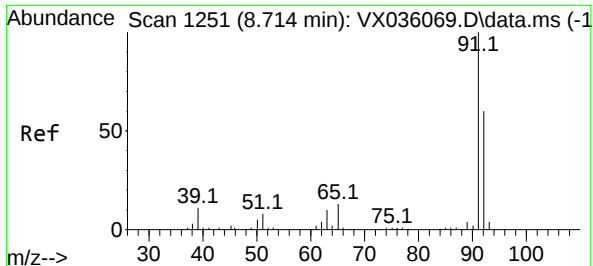
Ion Ratio Lower Upper

43 100

58 36.9 29.4 44.2

100 14.8 11.8 17.6





#42

Toluene

Concen: 50.715 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

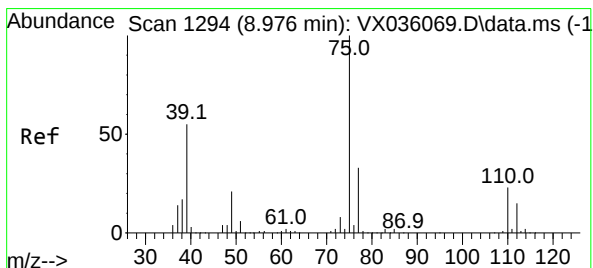
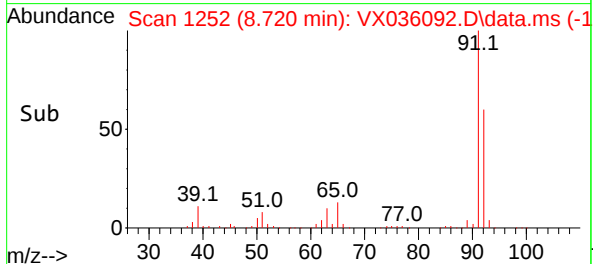
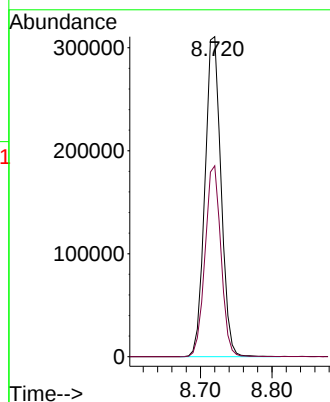
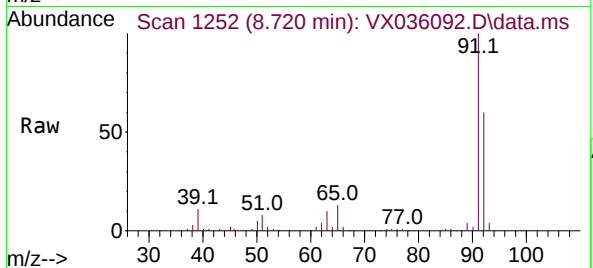
EZEN4MSD

Tgt Ion: 91 Resp: 485454

Ion Ratio Lower Upper

91 100

92 59.7 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 51.483 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036092.D

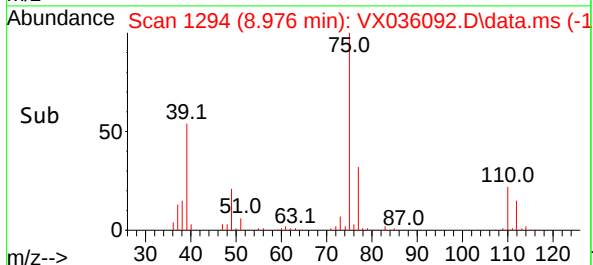
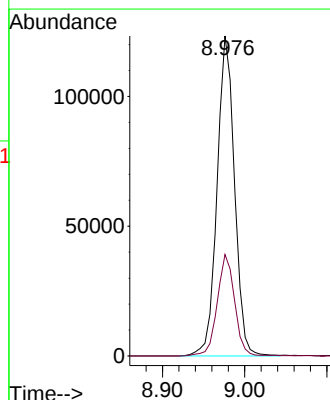
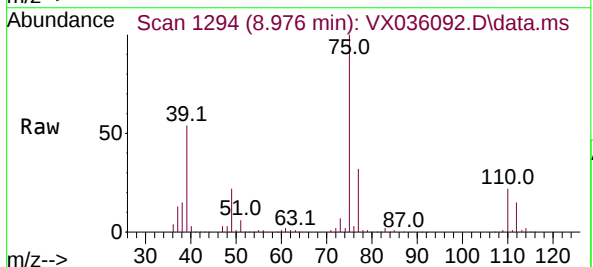
Acq: 08 Jun 2023 23:42

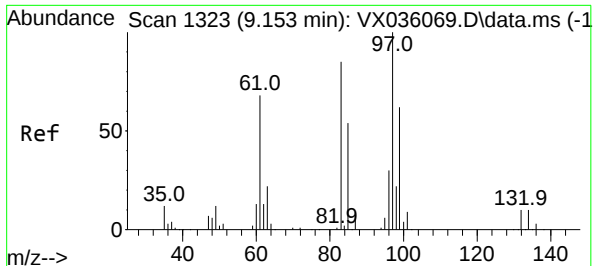
Tgt Ion: 75 Resp: 181937

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 50.513 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MSD

Tgt Ion: 97 Resp: 119414

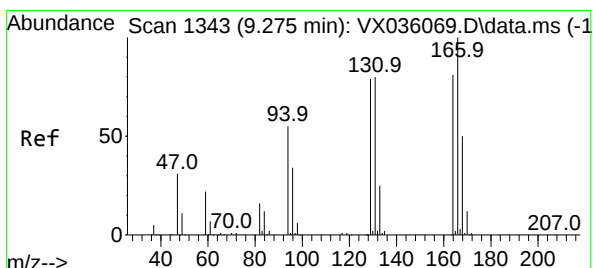
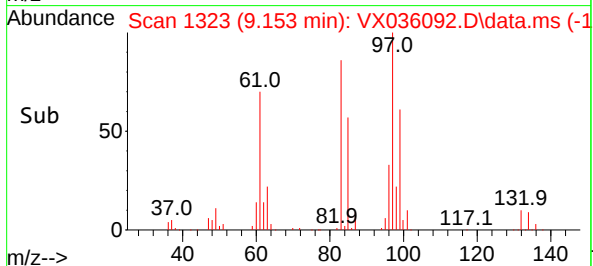
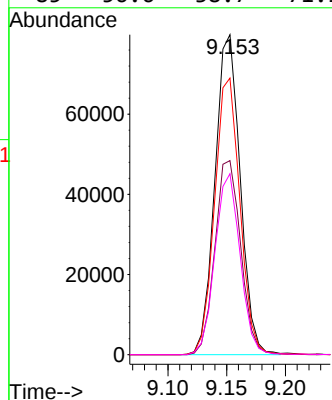
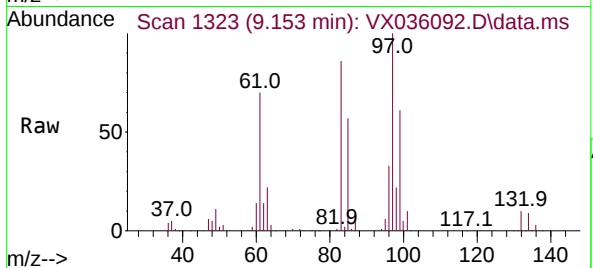
Ion Ratio Lower Upper

97 100

99 60.6 42.9 79.7

83 86.5 61.0 113.2

85 56.6 38.7 71.9



#46

Tetrachloroethene

Concen: 46.518 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Tgt Ion: 164 Resp: 80634

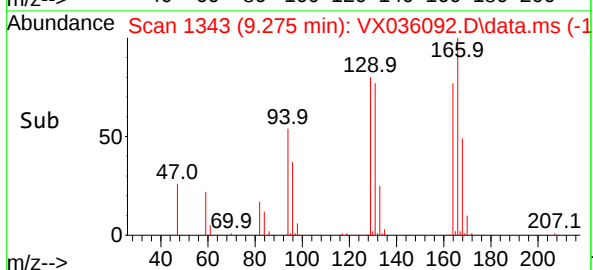
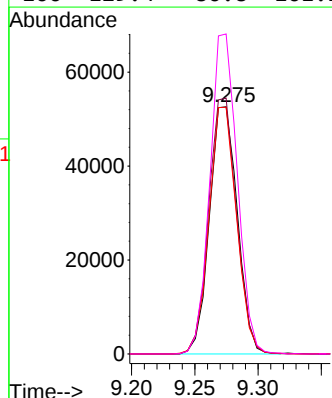
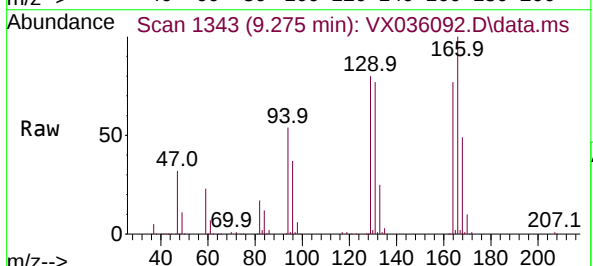
Ion Ratio Lower Upper

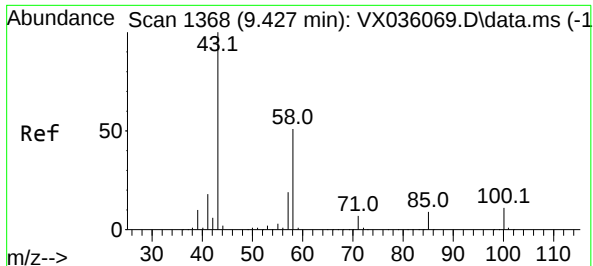
164 100

129 103.5 74.8 139.0

131 99.8 68.9 127.9

166 129.4 86.8 161.2



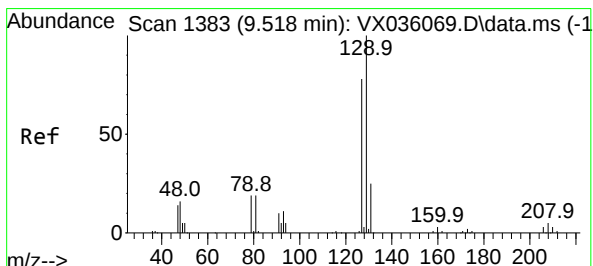
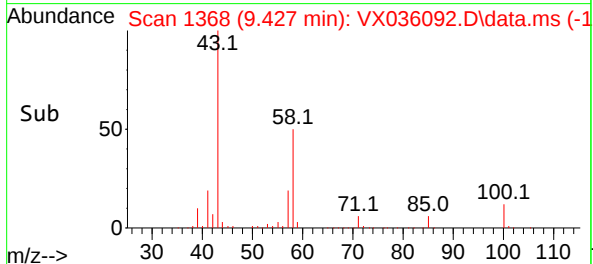
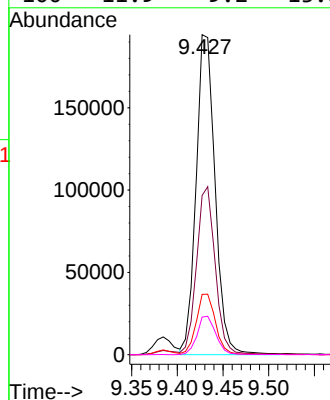
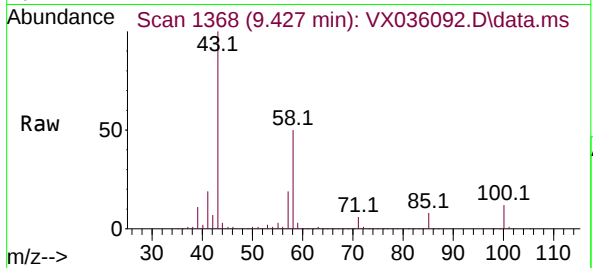


#48
2-Hexanone
Concen: 98.330 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

Tgt Ion: 43 Resp: 282258

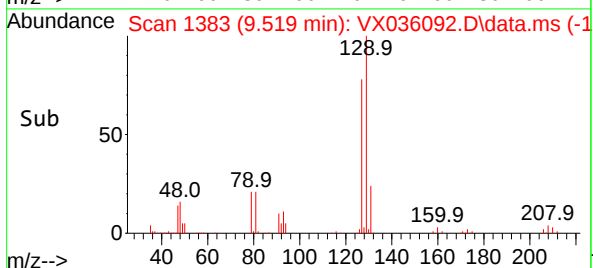
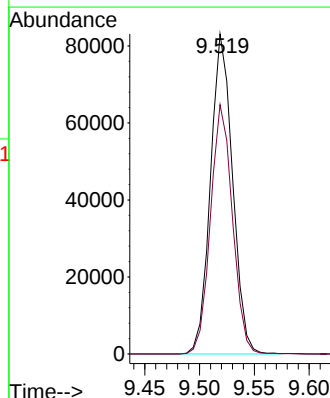
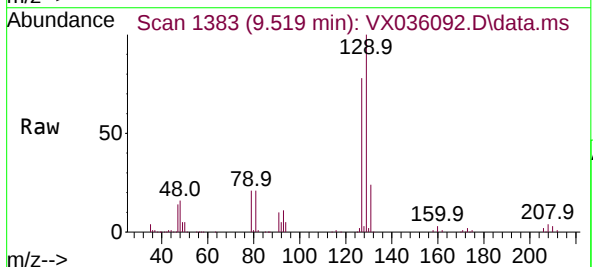
Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.0	61.6
57	19.2	15.2	22.8
100	11.9	9.2	13.8

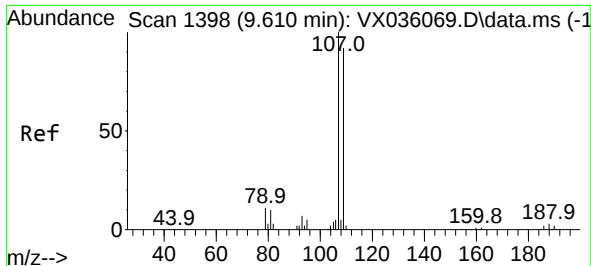


#49
Dibromochloromethane
Concen: 51.845 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 129 Resp: 116288

Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.3	98.9





#50

1,2-Dibromoethane

Concen: 51.718 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MSD

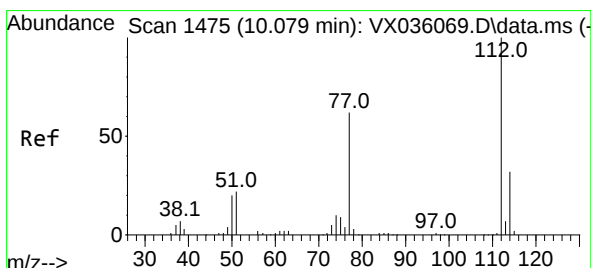
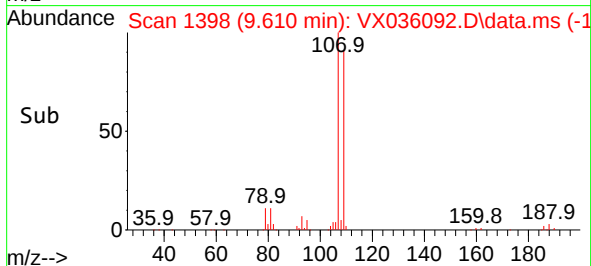
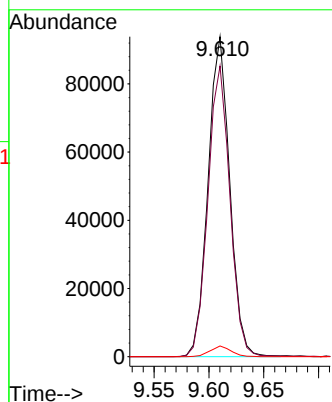
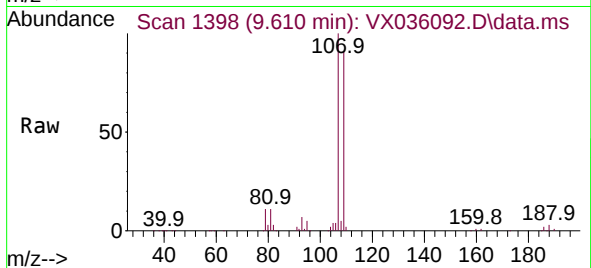
Tgt Ion:107 Resp: 129191

Ion Ratio Lower Upper

107 100

109 90.9 66.1 122.8

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 49.320 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

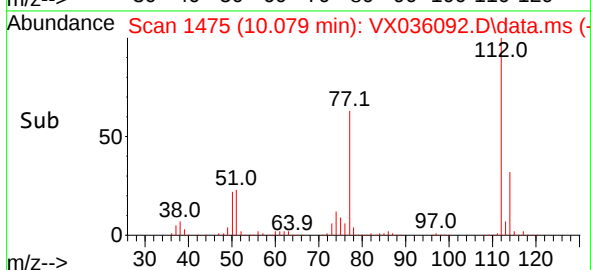
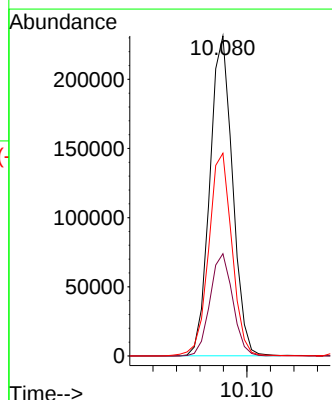
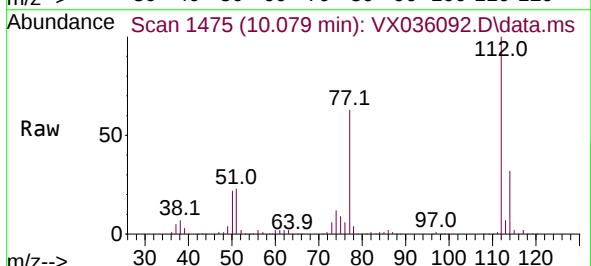
Tgt Ion:112 Resp: 310598

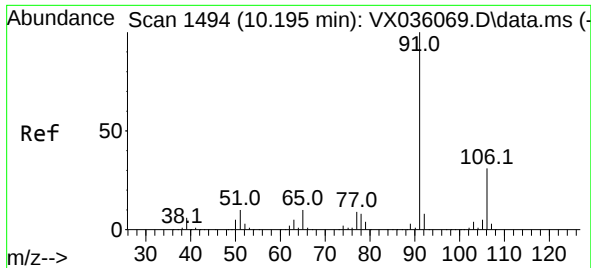
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 63.3 50.6 75.8

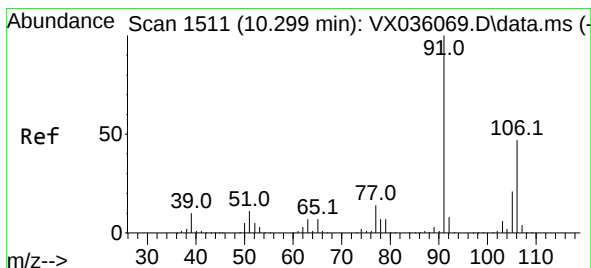
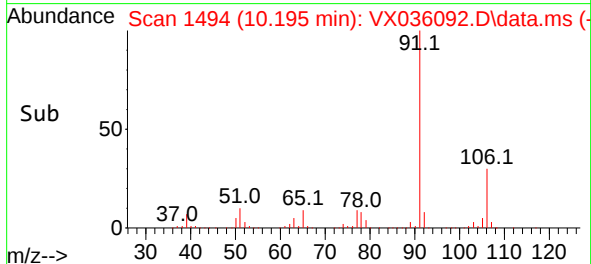
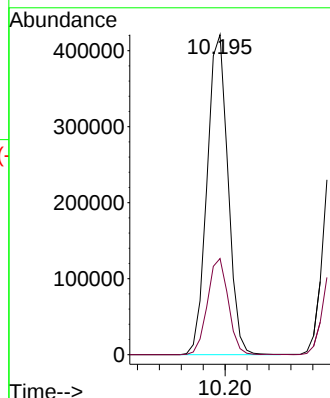
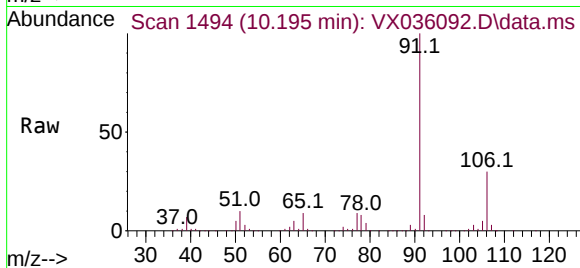




#52
Ethylbenzene
Concen: 50.450 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

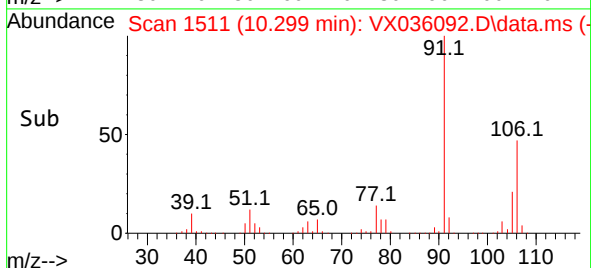
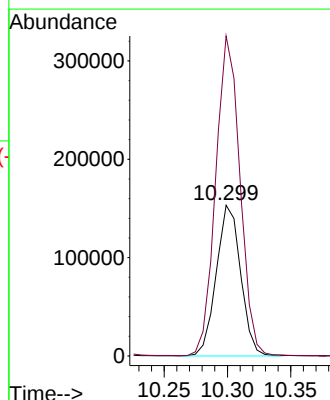
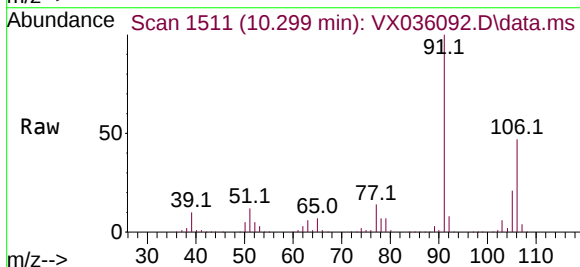
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

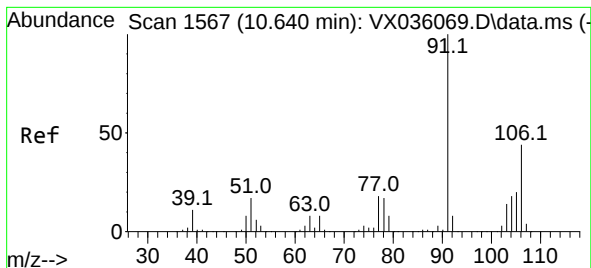
Tgt Ion: 91 Resp: 556183
Ion Ratio Lower Upper
91 100
106 30.1 20.8 38.6



#53
m,p-Xylene
Concen: 49.057 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion:106 Resp: 205102
Ion Ratio Lower Upper
106 100
91 212.4 149.8 278.2





#54

o-Xylene

Concen: 49.724 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

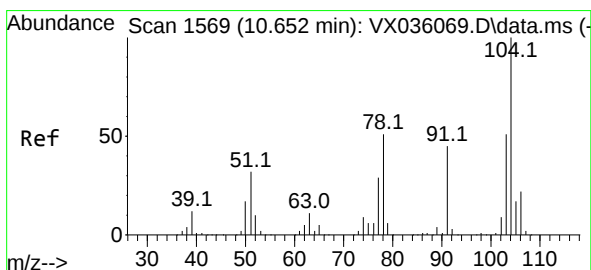
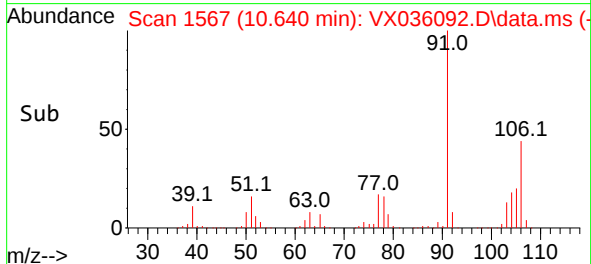
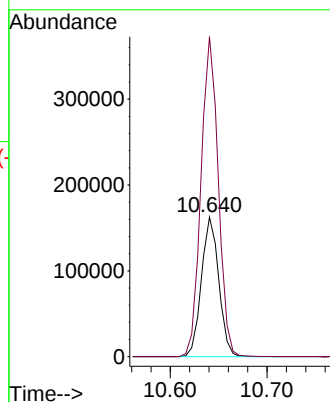
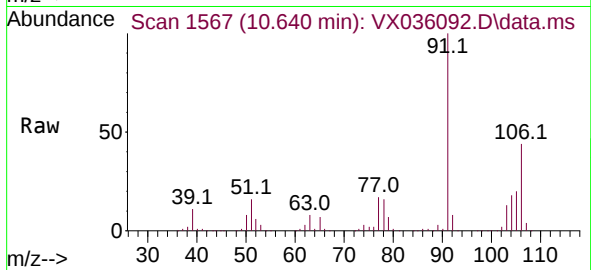
EZEN4MSD

Tgt Ion:106 Resp: 203201

Ion Ratio Lower Upper

106 100

91 229.4 156.9 291.5



#55

Styrene

Concen: 50.578 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036092.D

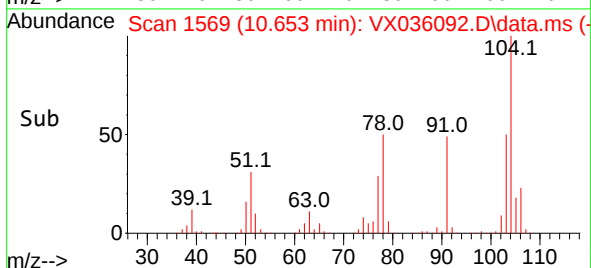
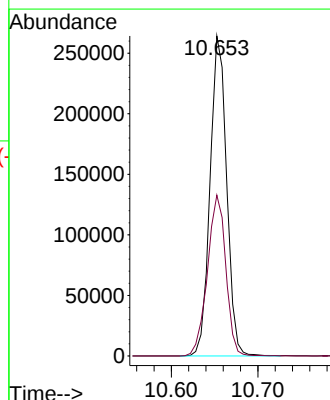
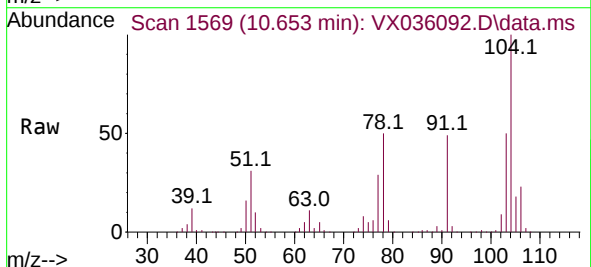
Acq: 08 Jun 2023 23:42

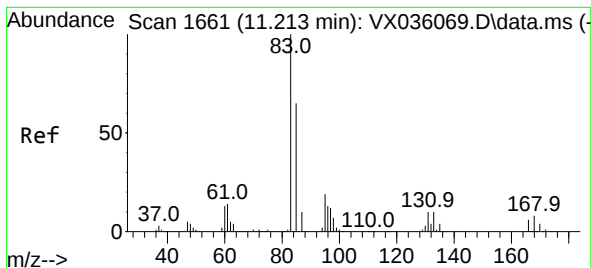
Tgt Ion:104 Resp: 351277

Ion Ratio Lower Upper

104 100

78 50.2 36.1 67.1

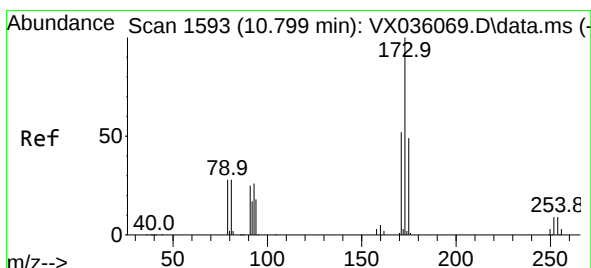
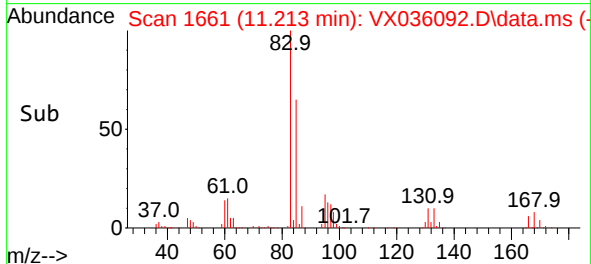
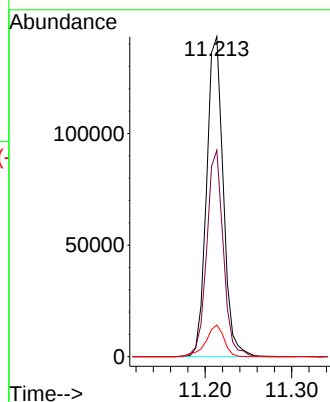
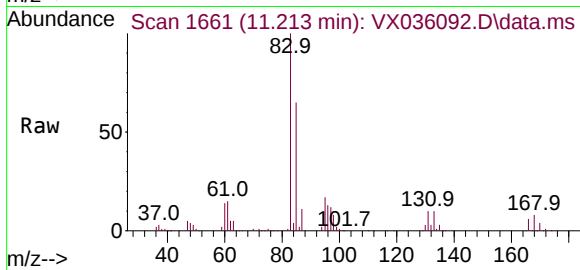




#57
1,1,2,2-Tetrachloroethane
Concen: 51.482 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

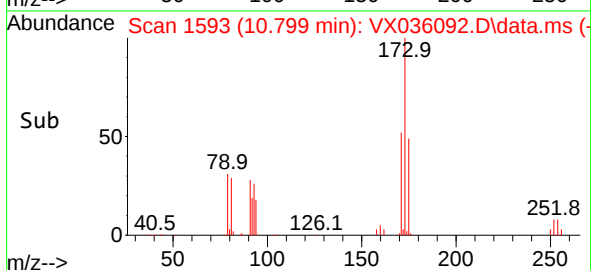
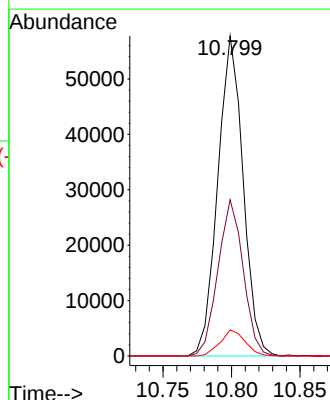
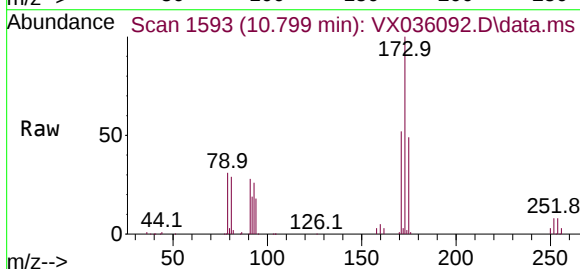
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

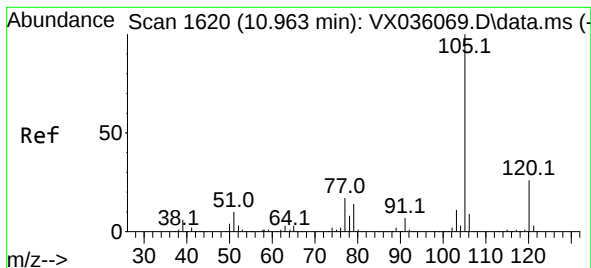
Tgt Ion: 83 Resp: 191295
Ion Ratio Lower Upper
83 100
85 64.5 45.6 84.8
131 9.9 8.1 12.1



#59
Bromoform
Concen: 51.856 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 173 Resp: 74145
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
254 8.0 6.6 10.0





#60

Isopropylbenzene

Concen: 51.422 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MSD

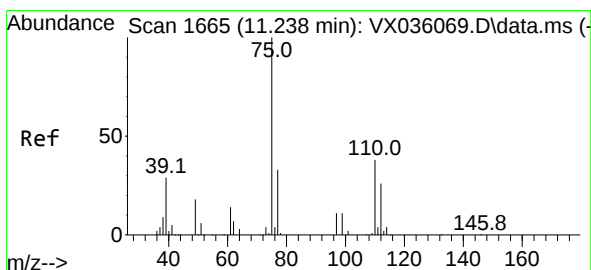
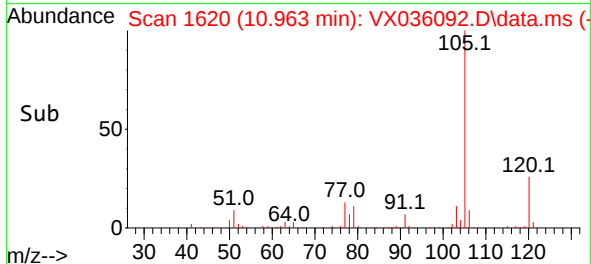
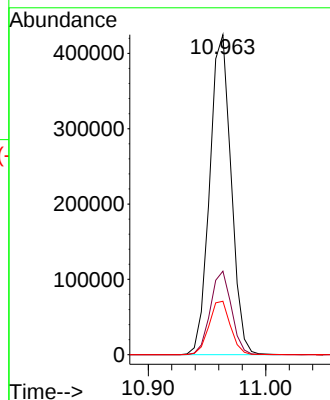
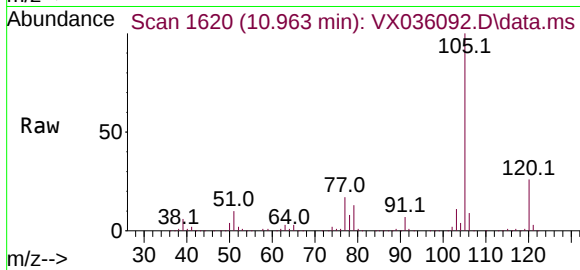
Tgt Ion:105 Resp: 538349

Ion Ratio Lower Upper

105 100

120 25.7 20.9 31.3

77 16.7 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 51.579 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

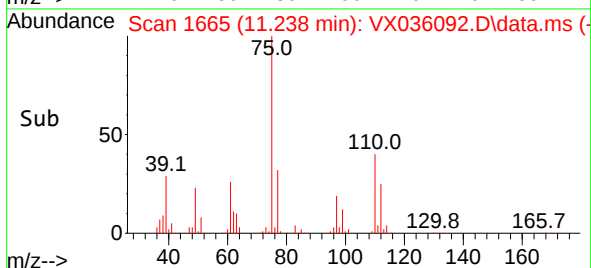
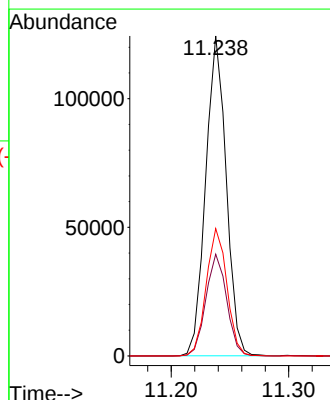
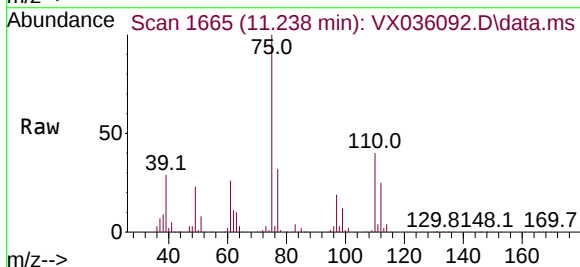
Tgt Ion: 75 Resp: 150848

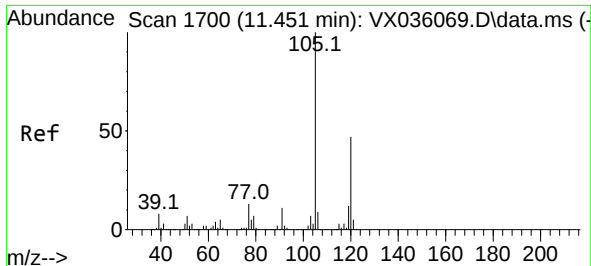
Ion Ratio Lower Upper

75 100

77 32.4 25.2 37.8

110 40.2 31.8 47.6

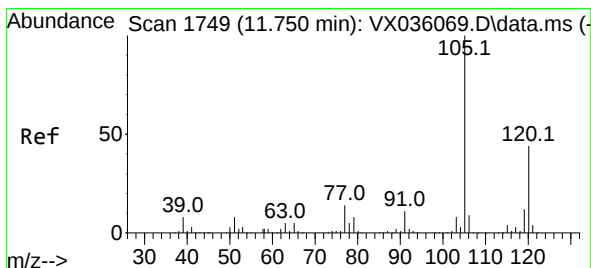
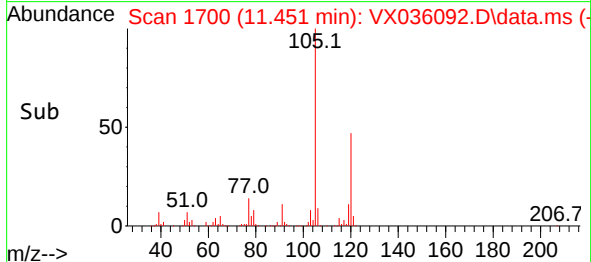
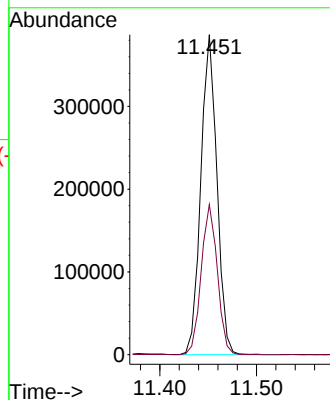
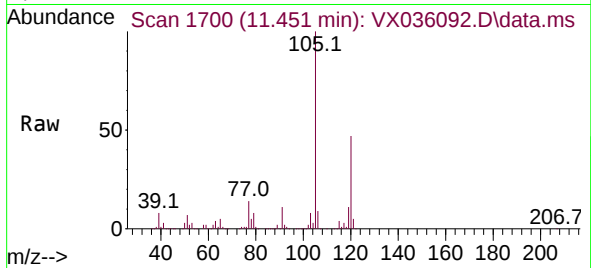




#62
1,3,5-Trimethylbenzene
Concen: 51.480 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

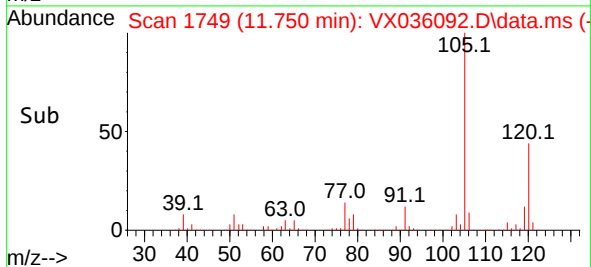
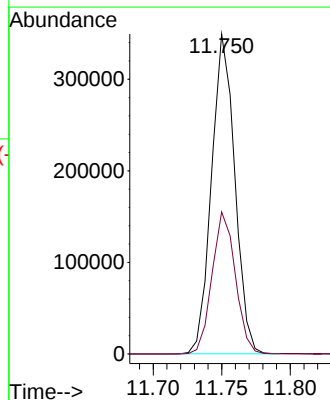
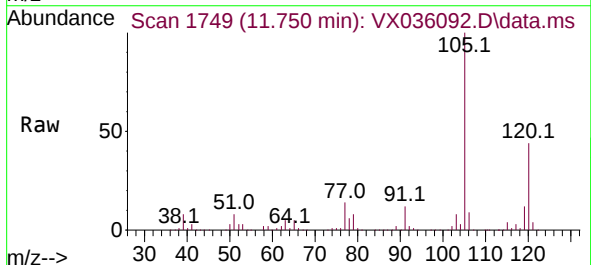
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

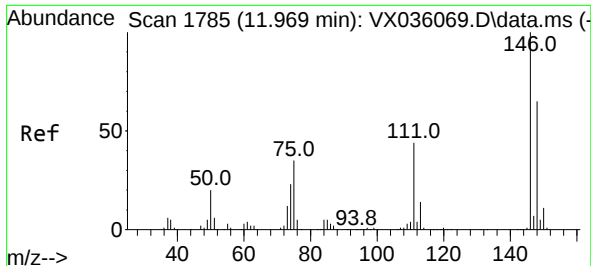
Tgt Ion:105 Resp: 448265
Ion Ratio Lower Upper
105 100
120 47.0 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 51.155 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion:105 Resp: 412196
Ion Ratio Lower Upper
105 100
120 44.4 35.0 52.6

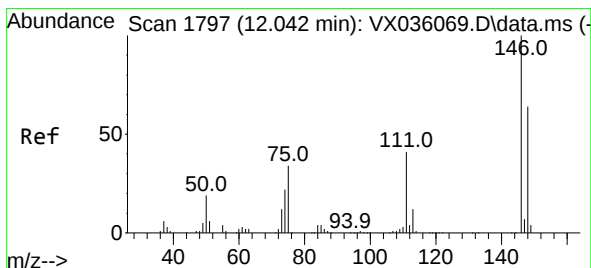
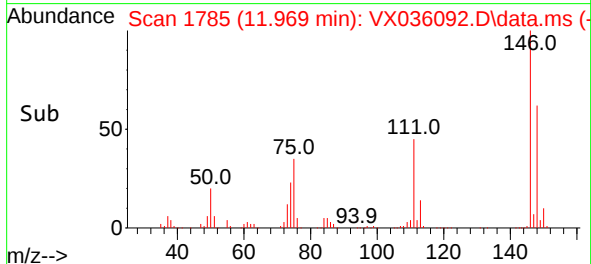
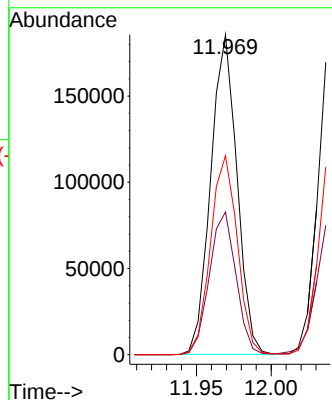
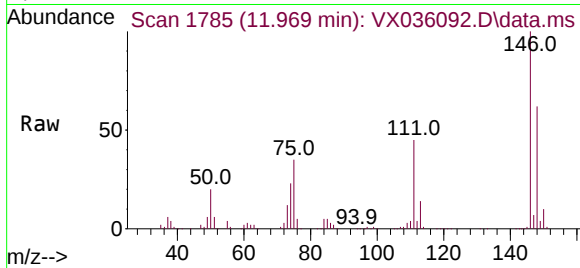




#64
1,3-Dichlorobenzene
Concen: 49.956 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

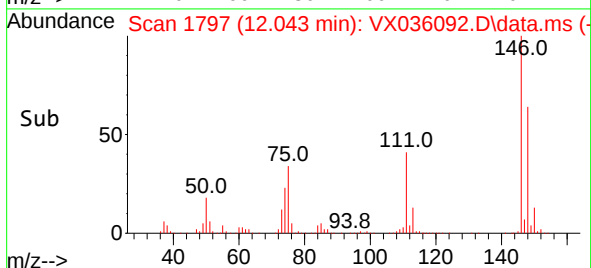
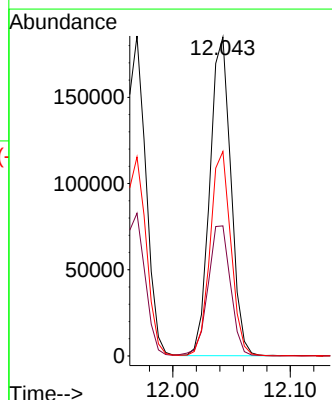
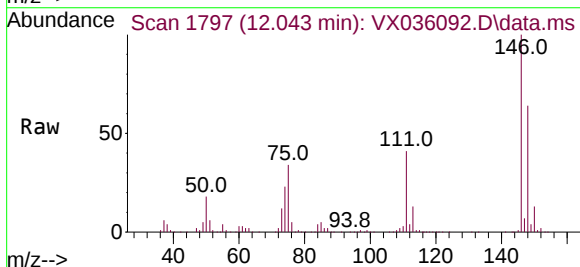
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

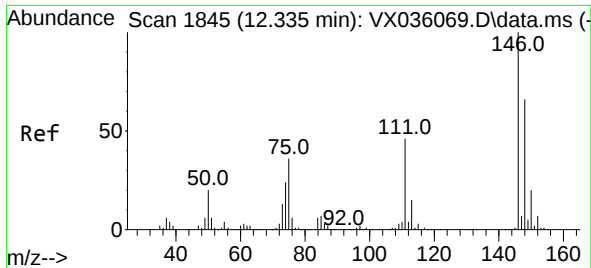
Tgt Ion:146 Resp: 226480
Ion Ratio Lower Upper
146 100
111 44.6 30.9 57.3
148 62.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 49.644 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion:146 Resp: 230215
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.4
148 64.1 44.5 82.7

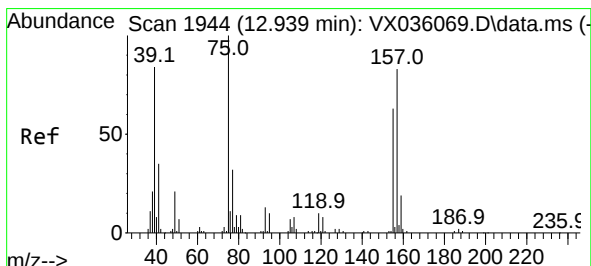
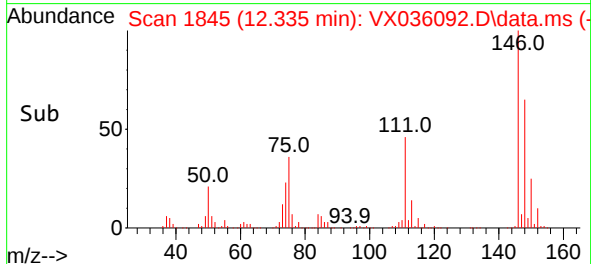
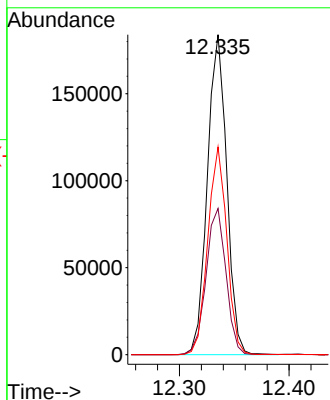
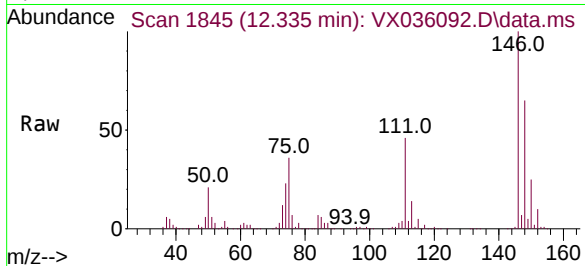




#67
1,2-Dichlorobenzene
Concen: 51.051 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

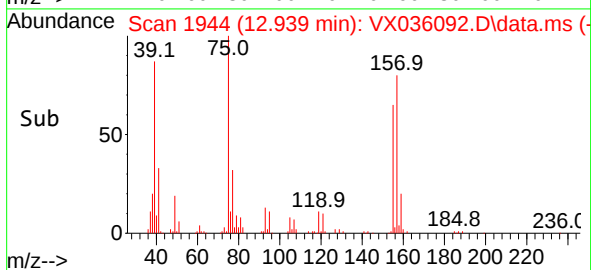
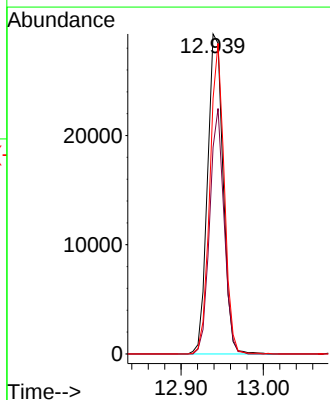
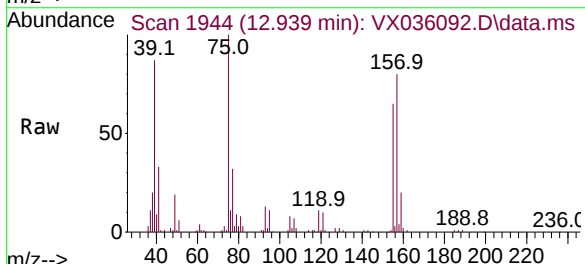
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

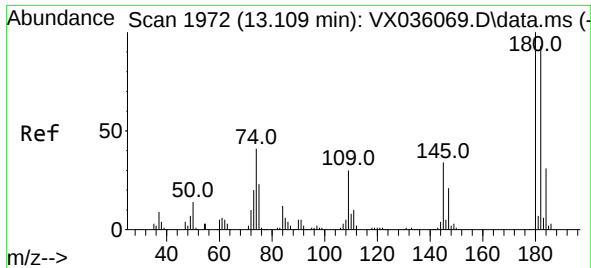
Tgt Ion:146 Resp: 226093
Ion Ratio Lower Upper
146 100
111 45.7 37.0 55.4
148 64.9 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 52.295 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion: 75 Resp: 38625
Ion Ratio Lower Upper
75 100
155 64.6 57.0 85.6
157 79.8 75.2 112.8

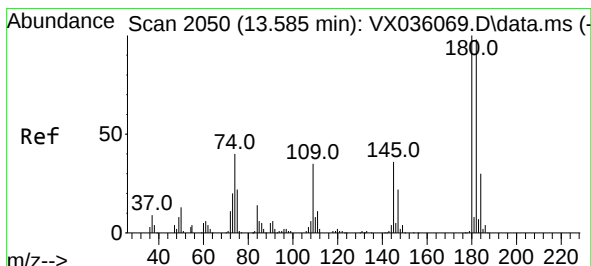
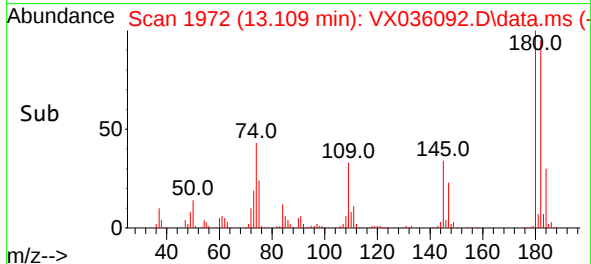
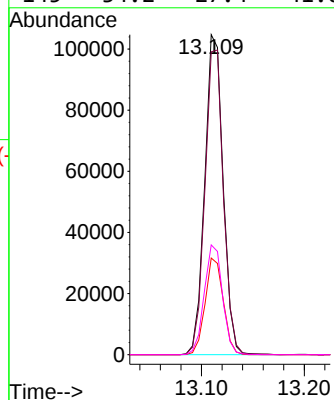
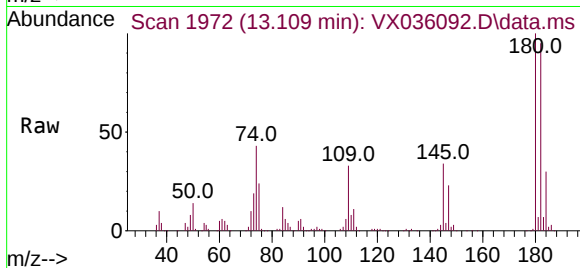




#69
1,3,5-Trichlorobenzene
Concen: 46.885 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

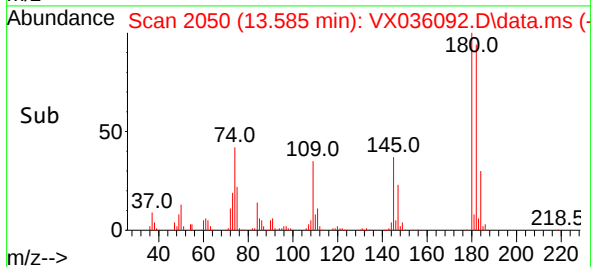
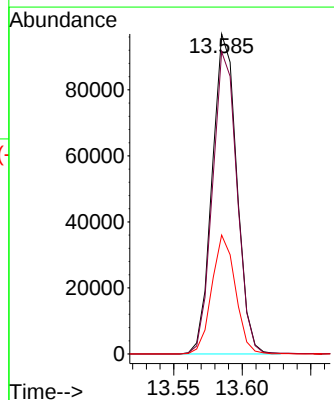
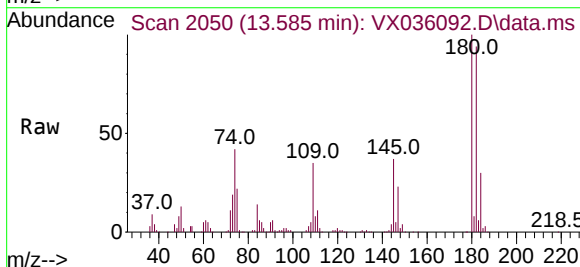
Instrument :
MSVOA_X
ClientSampleId :
EZEN4MSD

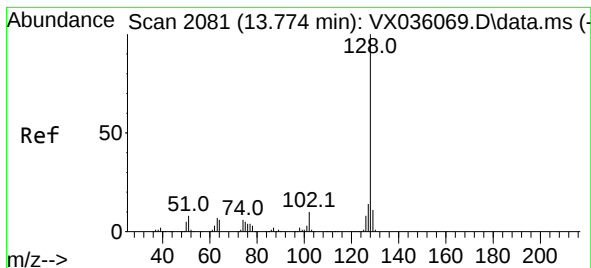
Tgt Ion:180 Resp: 130102
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
184 29.8 23.8 35.8
145 34.2 27.4 41.0



#70
1,2,4-trichlorobenzene
Concen: 47.657 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036092.D
Acq: 08 Jun 2023 23:42

Tgt Ion:180 Resp: 120800
Ion Ratio Lower Upper
180 100
182 93.8 74.6 112.0
145 35.6 28.6 42.8





#71

Naphthalene

Concen: 51.688 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Instrument :

MSVOA_X

ClientSampleId :

EZEN4MSD

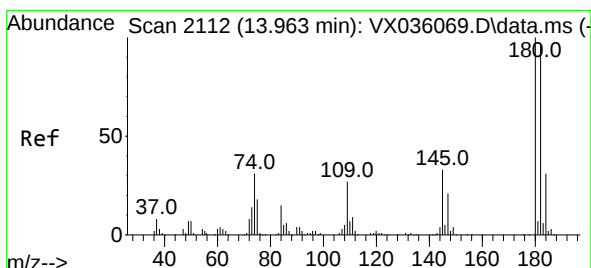
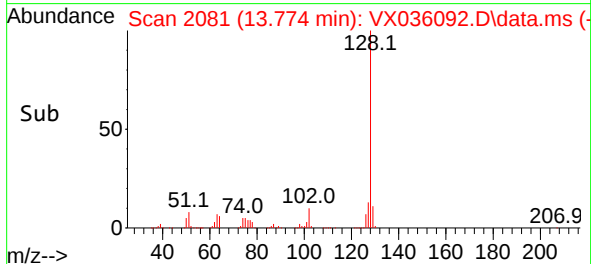
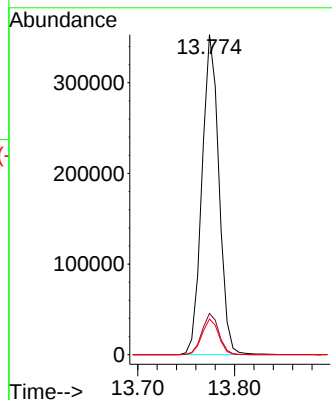
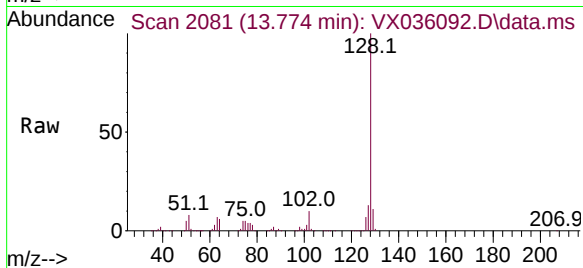
Tgt Ion:128 Resp: 430902

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 48.397 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX036092.D

Acq: 08 Jun 2023 23:42

Tgt Ion:180 Resp: 121983

Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

145 37.6 29.4 44.0

