

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033993.D
 Acq On : 02 Feb 2023 17:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV618

Quant Time: Feb 03 04:35:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:22:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	216515	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	191747	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	105524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65048	45.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.220%
7) Chloroethane-d5	1.666	69	46345	52.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.880%
11) 1,1-Dichloroethene-d2	2.307	63	126662	47.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.880%
21) 2-Butanone-d5	4.446	46	90016	108.882	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.880%
24) Chloroform-d	5.050	84	131540	50.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	5.946	65	79928	51.215	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.420%
32) Benzene-d6	5.971	84	271703	49.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.860%
36) 1,2-Dichloropropane-d6	7.306	67	81377	50.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.160%
41) Toluene-d8	8.647	98	257078	49.304	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.946	79	38588	52.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.660%
47) 2-Hexanone-d5	9.378	63	67524	110.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107914	52.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.920%
66) 1,2-Dichlorobenzene-d4	12.323	152	108698	51.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	72075	44.745	ug/L	100
3) Chloromethane	1.295	50	60925	41.437	ug/L	98
5) Vinyl chloride	1.374	62	61247	41.195	ug/L	97
6) Bromomethane	1.612	94	32788	42.529	ug/L	96
8) Chloroethane	1.685	64	34265	43.354	ug/L	96
9) Trichlorofluoromethane	1.886	101	92158	43.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	65981	45.278	ug/L	99
12) 1,1-Dichloroethene	2.319	96	58373	43.789	ug/L	87
13) Acetone	2.374	43	75001	88.180	ug/L	98
14) Carbon disulfide	2.514	76	163839	45.409	ug/L	99
15) Methyl Acetate	2.697	43	61086	45.080	ug/L	99
16) Methylene chloride	2.788	84	63045	44.660	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	62008	45.060	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	180028	44.932	ug/L	99
19) 1,1-Dichloroethane	3.605	63	106801	44.470	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	69667	44.300	ug/L	99
22) 2-Butanone	4.550	43	96235	91.065	ug/L	99
23) Bromochloromethane	4.891	128	37977	43.990	ug/L	98
25) Chloroform	5.087	83	111511	44.963	ug/L	98

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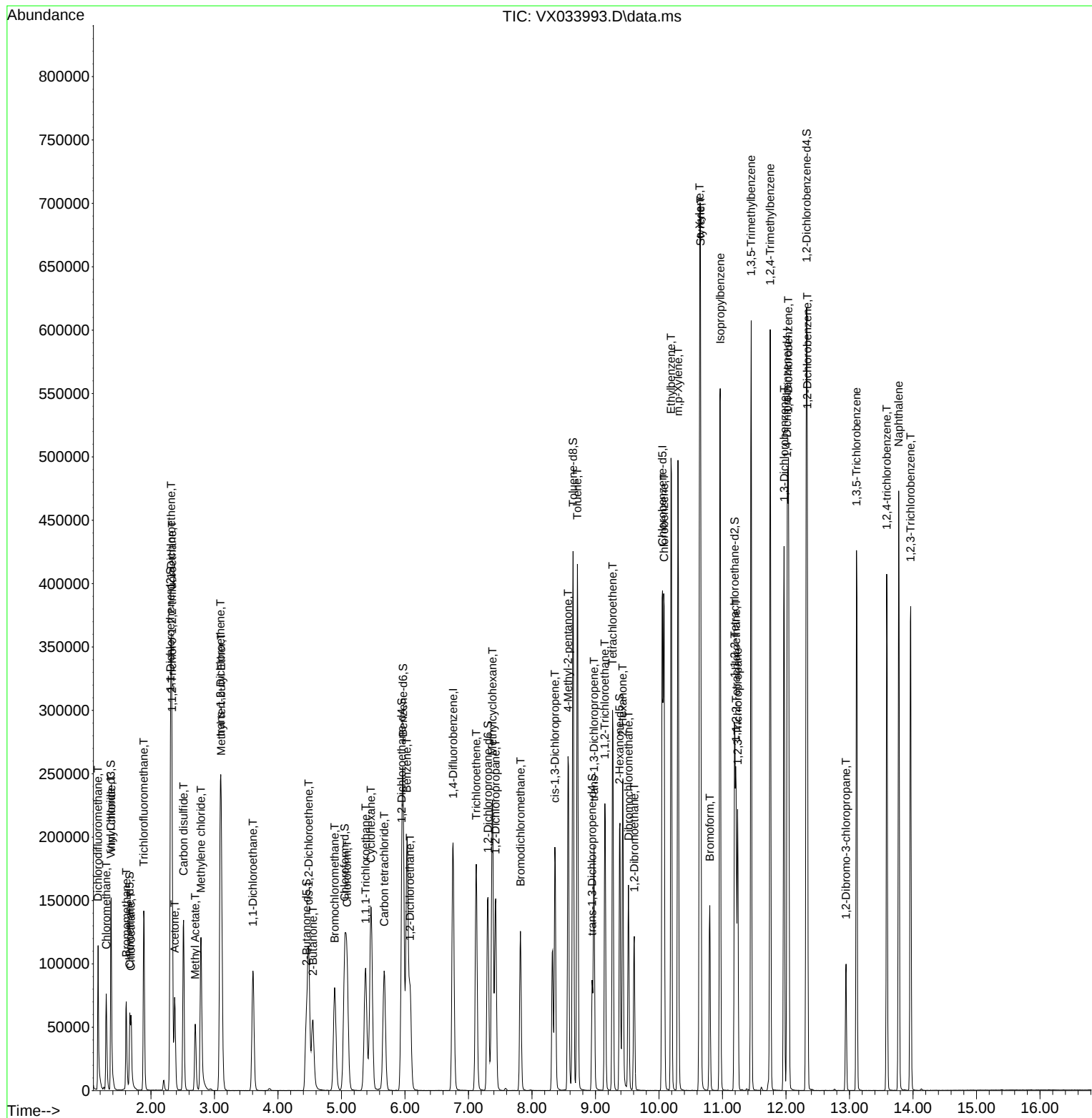
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	84473	44.378	ug/L	99
29) Cyclohexane	5.465	56	101453	43.259	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	95500	44.065	ug/L	99
31) Carbon tetrachloride	5.672	117	88779	44.030	ug/L	100
33) Benzene	6.032	78	247373	43.385	ug/L	100
34) Trichloroethene	7.123	95	66701	43.164	ug/L	97
35) Methylcyclohexane	7.379	83	112503	45.657	ug/L	98
37) 1,2-Dichloropropane	7.428	63	62156	42.800	ug/L	100
38) Bromodichloromethane	7.818	83	81450	44.108	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	100289	44.992	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	161694	90.476	ug/L	99
42) Toluene	8.714	91	270079	44.280	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	90096	45.423	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	65584	44.613	ug/L	97
46) Tetrachloroethene	9.269	164	65717	44.294	ug/L	98
48) 2-Hexanone	9.427	43	130124	91.365	ug/L	99
49) Dibromochloromethane	9.519	129	71419	45.027	ug/L	97
50) 1,2-Dibromoethane	9.610	107	70926	44.896	ug/L #	100
51) Chlorobenzene	10.080	112	183764	44.596	ug/L	98
52) Ethylbenzene	10.189	91	299535	44.687	ug/L	98
53) m,p-Xylene	10.299	106	121278	45.074	ug/L	97
54) o-Xylene	10.640	106	114653	44.107	ug/L	95
55) Styrene	10.653	104	201257	46.151	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	93567	45.275	ug/L	99
59) Bromoform	10.799	173	57920	45.101	ug/L	99
60) Isopropylbenzene	10.964	105	312047	45.264	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	69941	43.659	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	259840	46.048	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	254527	45.762	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	152775	44.567	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	153866	44.350	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	147075	43.877	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	17902	45.612	ug/L	99
69) 1,3,5-Trichlorobenzene	13.110	180	117908	45.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	108590	46.271	ug/L	99
71) Naphthalene	13.774	128	302154	46.505	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	106326	45.894	ug/L	99

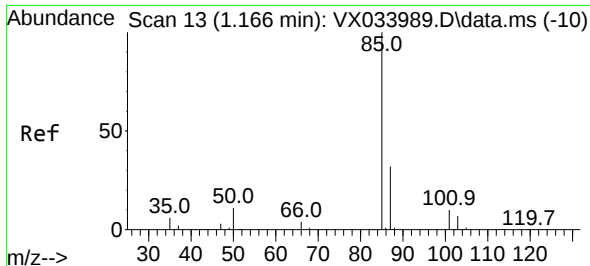
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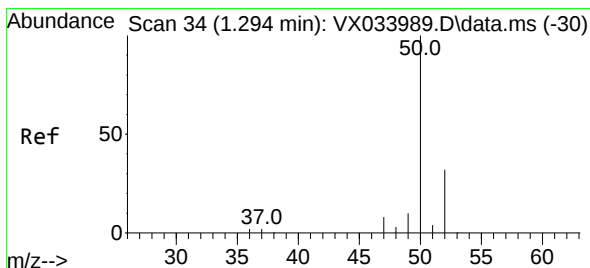
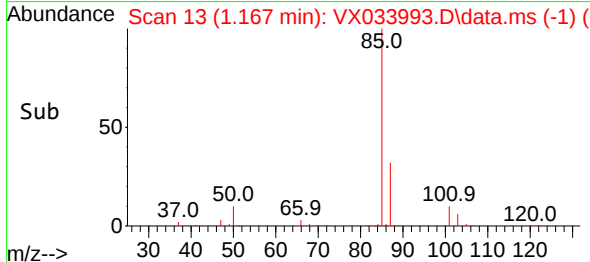
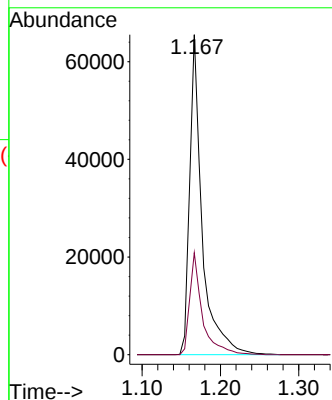
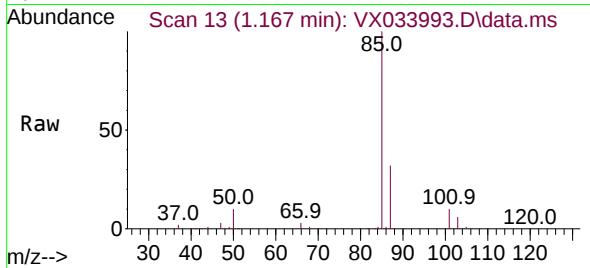




#2
 Dichlorodifluoromethane
 Concen: 44.745 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX033993.D
 Acq: 02 Feb 2023 17:04

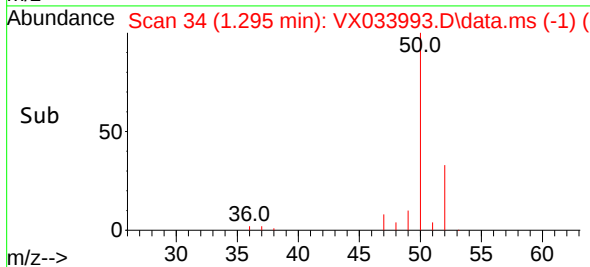
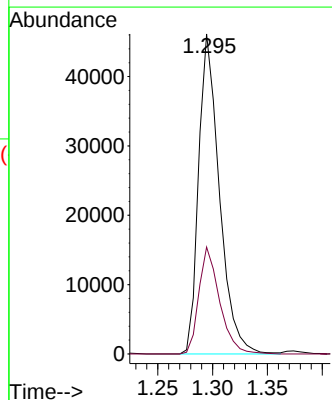
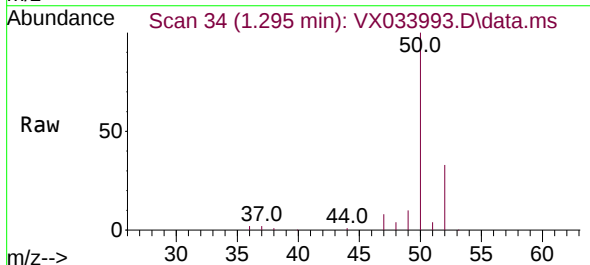
Instrument :
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 ClientSampleId :
 VICV618

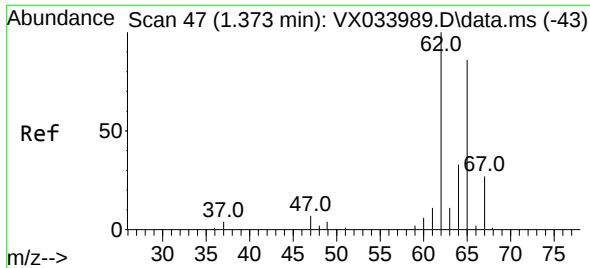
Tgt Ion: 85 Resp: 72075
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 41.437 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033993.D
 Acq: 02 Feb 2023 17:04

Tgt Ion: 50 Resp: 60925
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.7

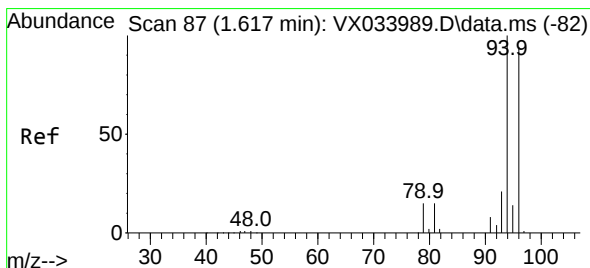
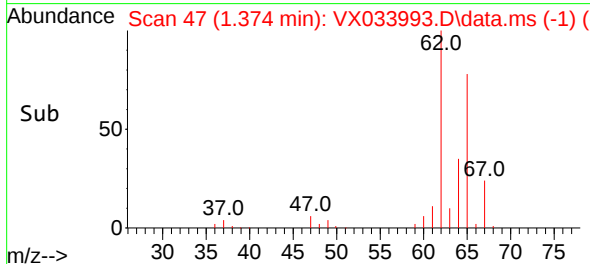
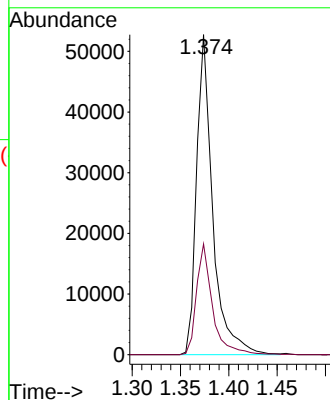
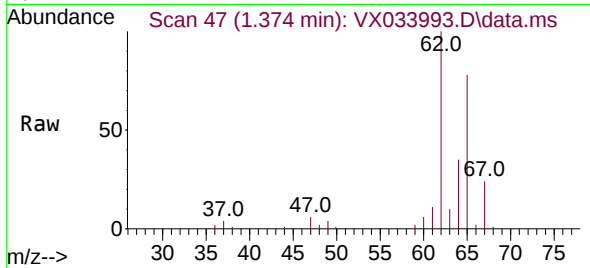




#5
 Vinyl chloride
 Concen: 41.195 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033993.D
 Acq: 02 Feb 2023 17:04

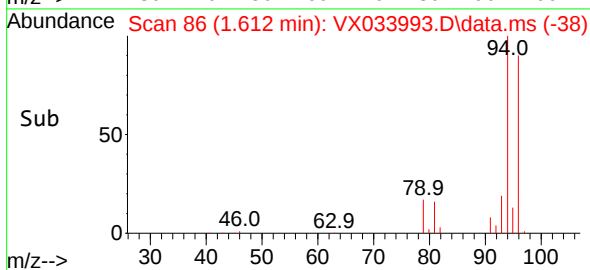
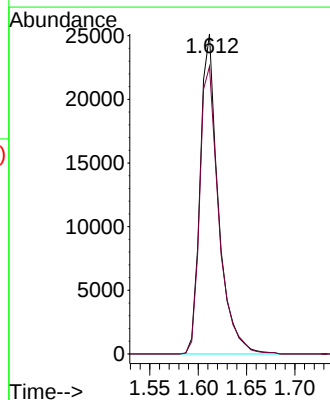
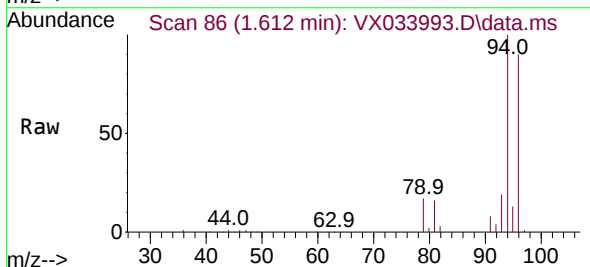
Instrument :
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 ClientSampleId :
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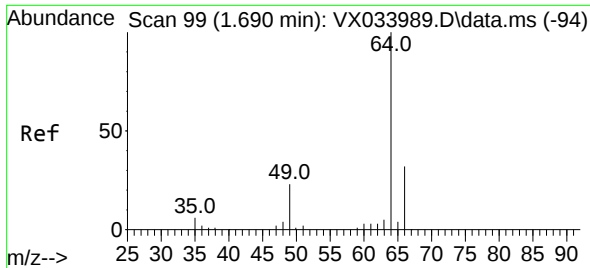
Tgt Ion: 62 Resp: 61247
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.2 43.0



#6
 Bromomethane
 Concen: 42.529 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX033993.D
 Acq: 02 Feb 2023 17:04

Tgt Ion: 94 Resp: 32788
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.7 122.1

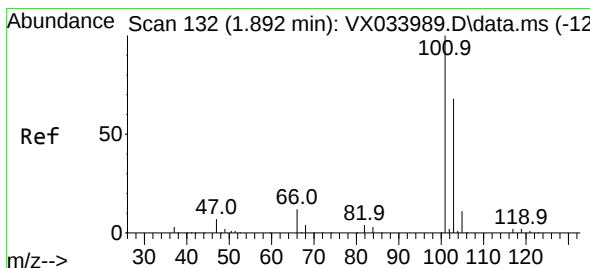
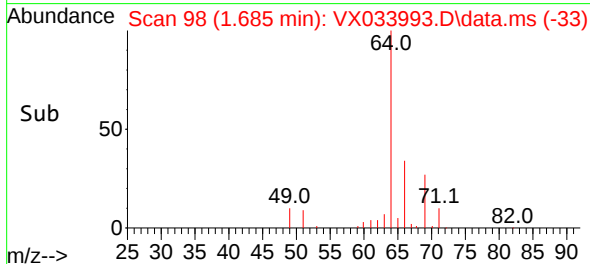
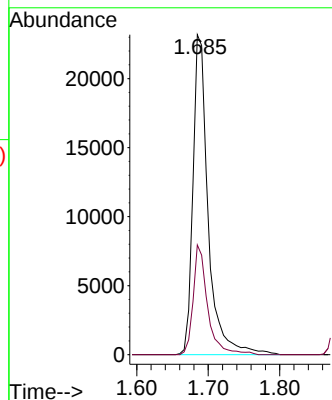
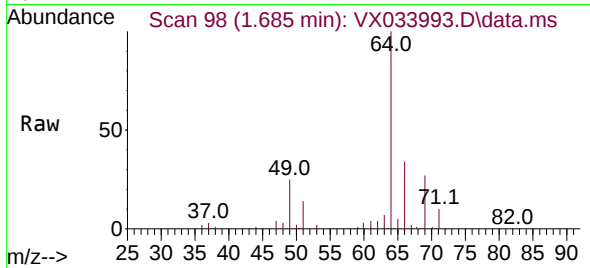




#8
Chloroethane
Concen: 43.354 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

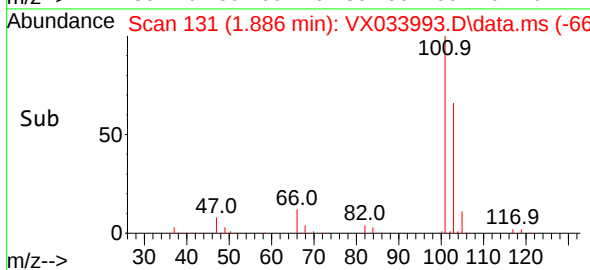
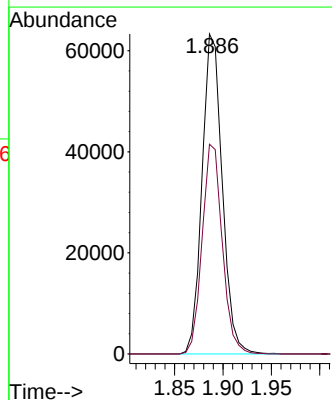
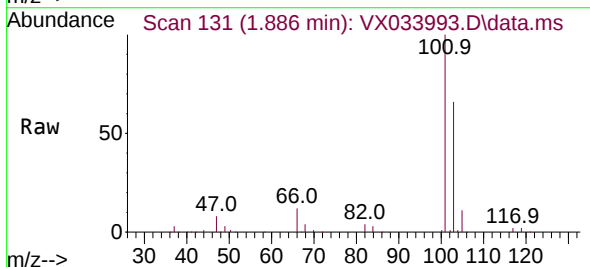
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ClientSampleId :
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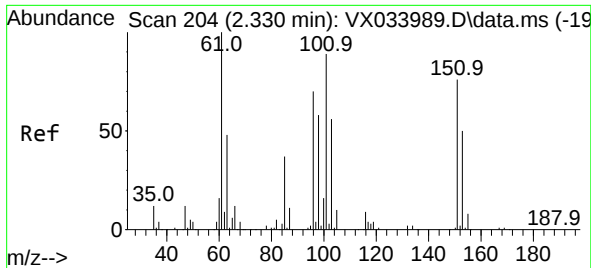
Tgt Ion: 64 Resp: 34265
Ion Ratio Lower Upper
64 100
66 34.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.733 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion: 101 Resp: 92158
Ion Ratio Lower Upper
101 100
103 65.3 52.6 78.8

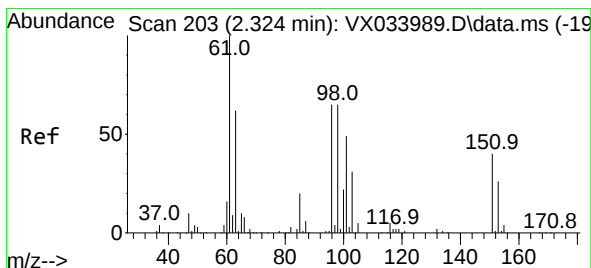
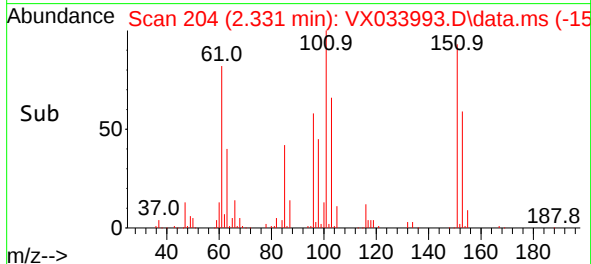
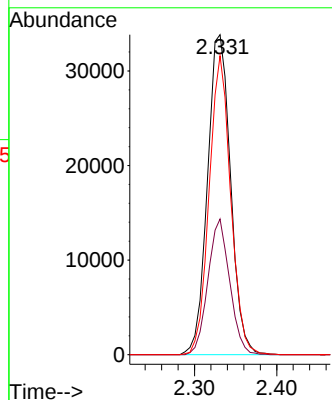
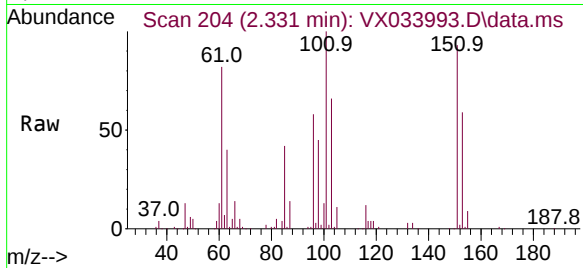




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.278 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.001 min
 Lab File: VX033993.D
 Acq: 02 Feb 2023 17:04

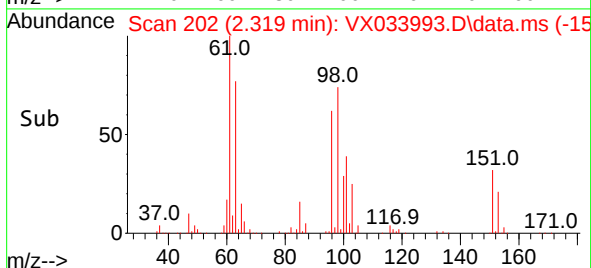
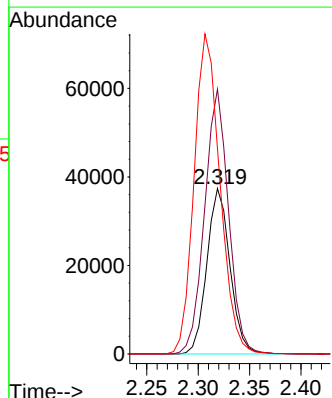
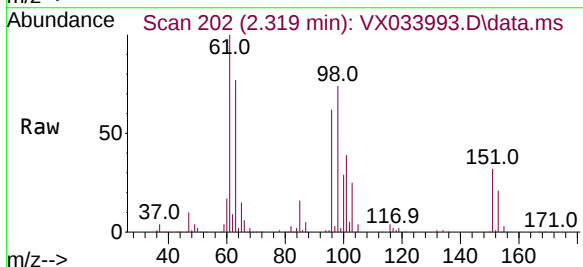
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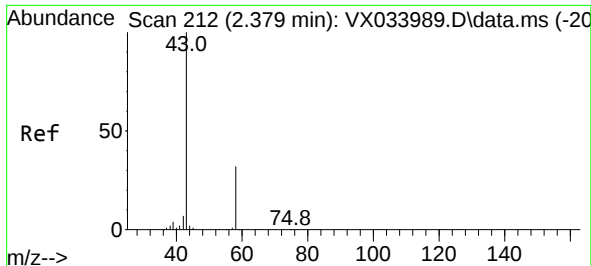
Tgt Ion:	101	Resp:	65981
Ion	Ratio	Lower	Upper
101	100		
85	39.9	32.2	48.4
151	87.0	69.3	103.9



#12
 1,1-Dichloroethene
 Concen: 43.789 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX033993.D
 Acq: 02 Feb 2023 17:04

Tgt Ion:	96	Resp:	58373
Ion	Ratio	Lower	Upper
96	100		
61	160.0	107.6	199.8
63	123.9	69.6	129.2





#13

Acetone

Concen: 88.180 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

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ClientSampleId :

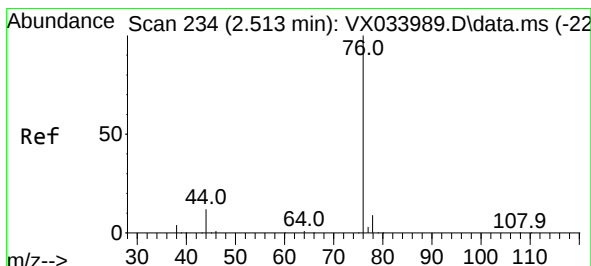
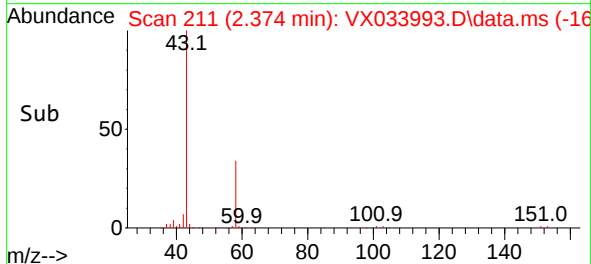
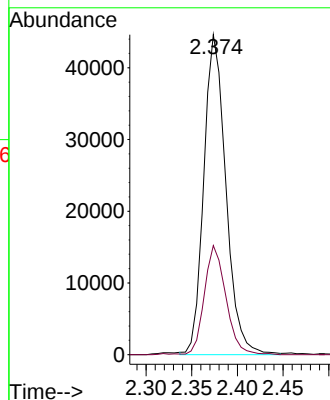
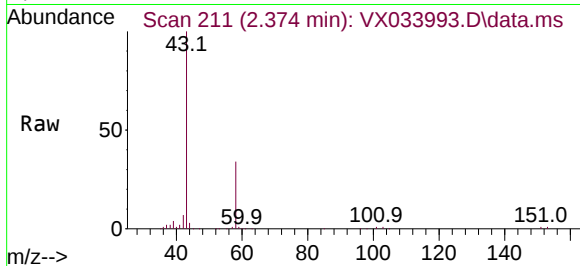
VICV618

Tgt Ion: 43 Resp: 75001

Ion Ratio Lower Upper

43 100

58 32.7 0.0 62.8



#14

Carbon disulfide

Concen: 45.409 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.001 min

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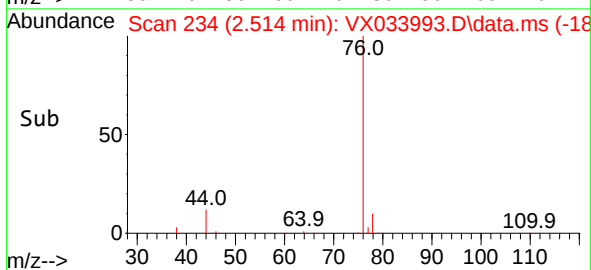
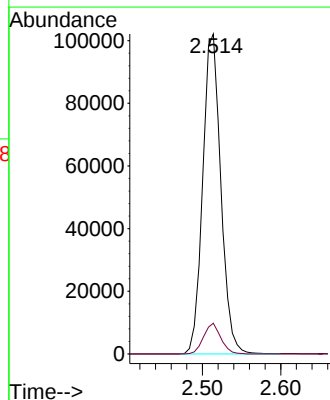
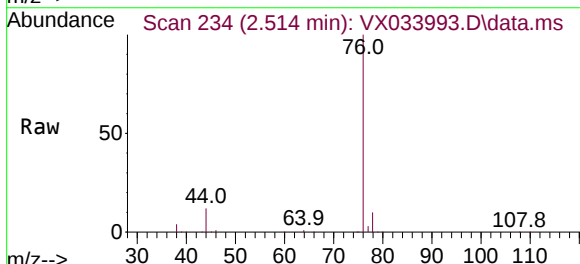
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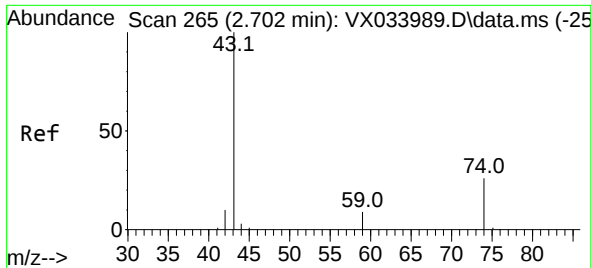
Tgt Ion: 76 Resp: 163839

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

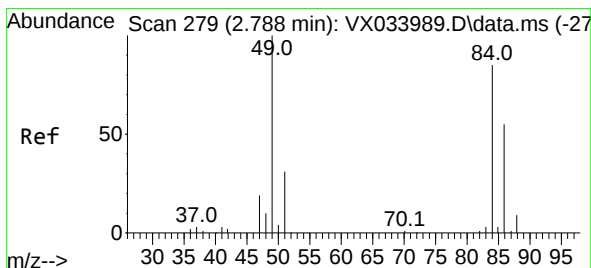
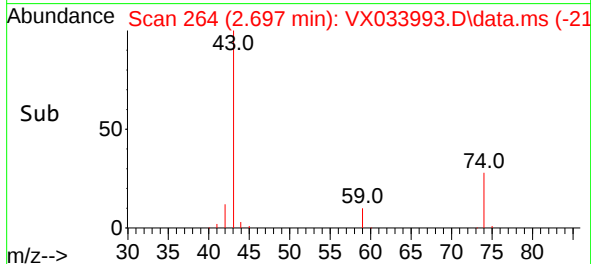
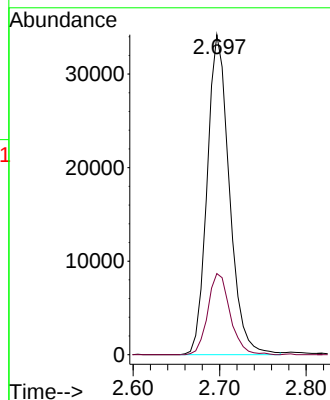
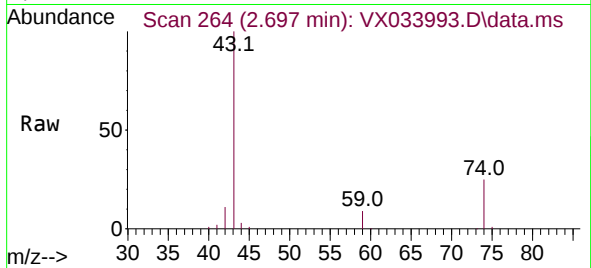




#15
Methyl Acetate
Concen: 45.080 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

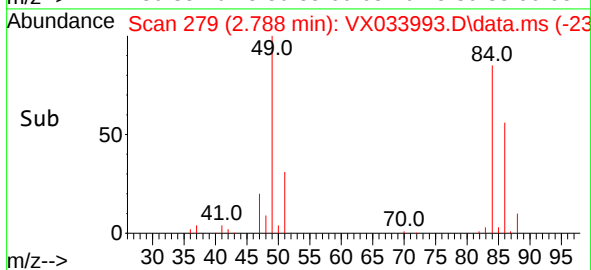
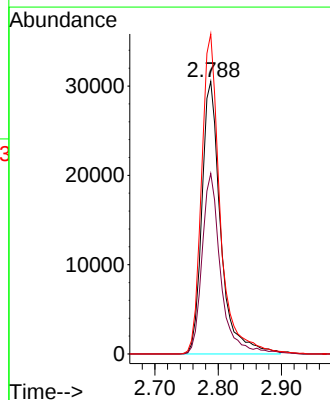
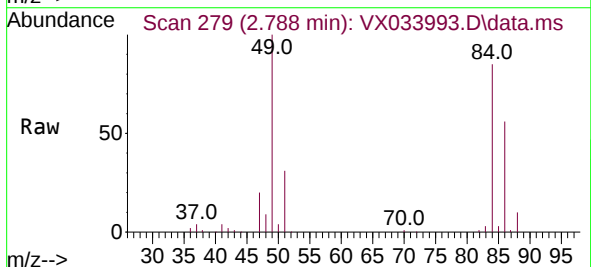
Instrument :
MSVOA_X
ClientSampleId :
VICV618

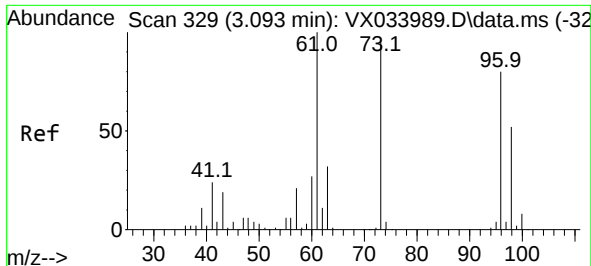
Tgt Ion: 43 Resp: 61086
Ion Ratio Lower Upper
43 100
74 25.2 19.7 29.5



#16
Methylene chloride
Concen: 44.660 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion: 84 Resp: 63045
Ion Ratio Lower Upper
84 100
86 66.3 45.2 84.0
49 117.4 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 45.060 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

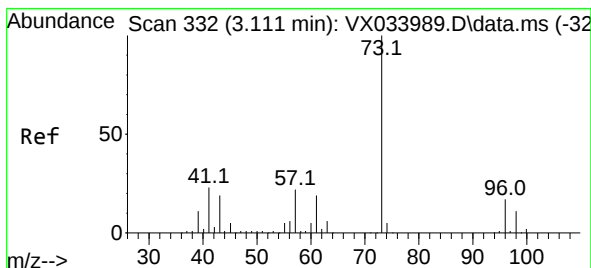
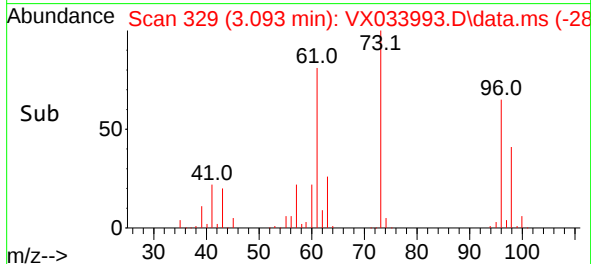
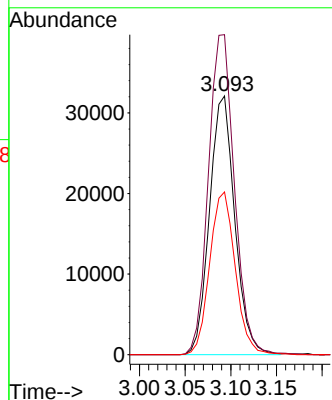
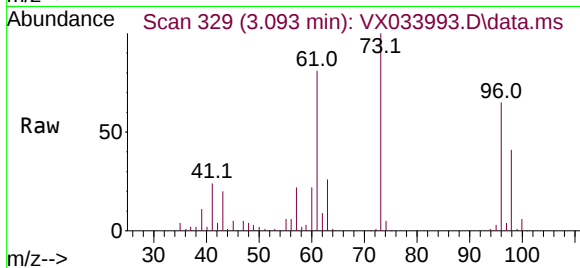
Tgt Ion: 96 Resp: 62008

Ion Ratio Lower Upper

96 100

61 123.7 87.7 162.9

98 62.9 45.4 84.4



#18

Methyl tert-butyl Ether

Concen: 44.932 ug/L

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

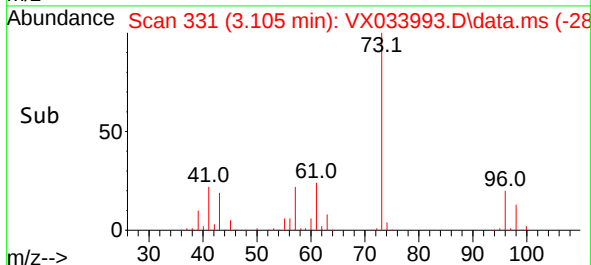
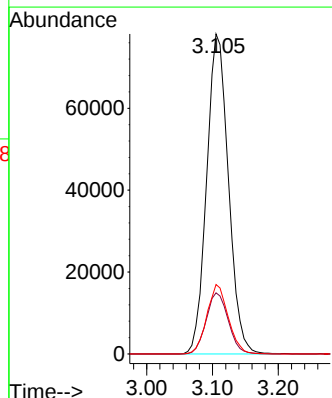
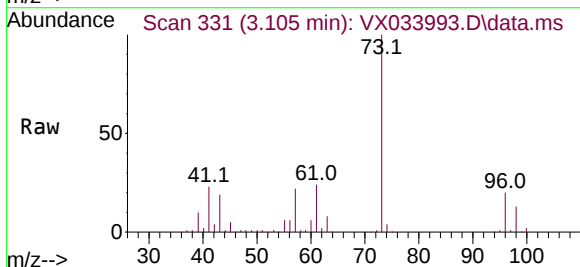
Tgt Ion: 73 Resp: 180028

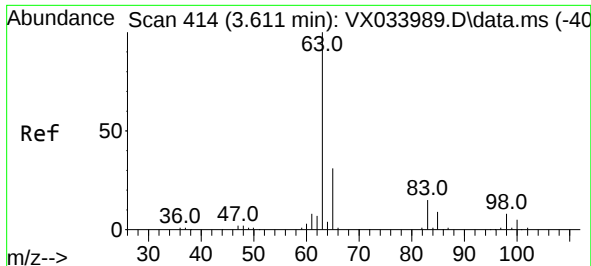
Ion Ratio Lower Upper

73 100

43 19.4 15.6 23.4

57 21.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 44.470 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

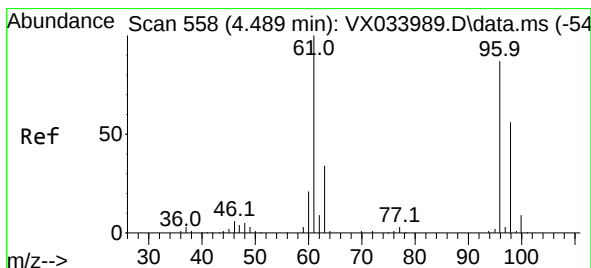
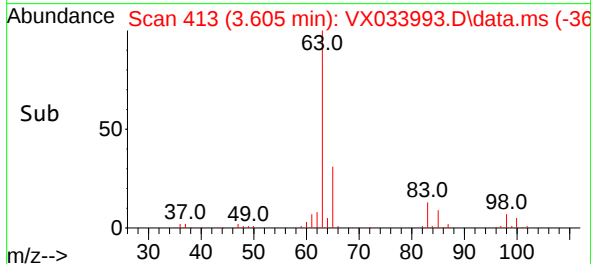
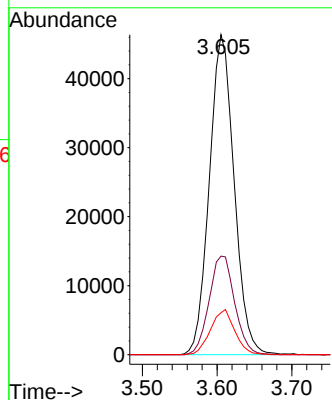
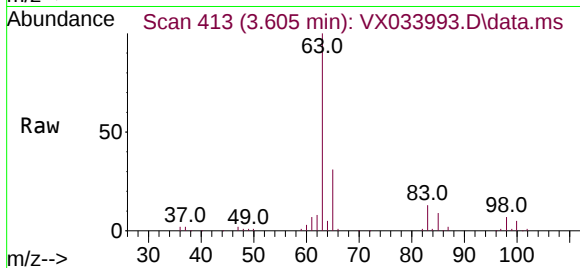
Tgt Ion: 63 Resp: 106801

Ion Ratio Lower Upper

63 100

65 30.8 21.9 40.7

83 13.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 44.300 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

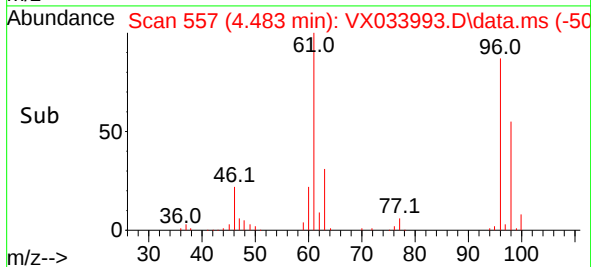
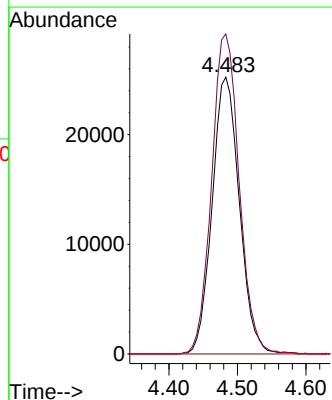
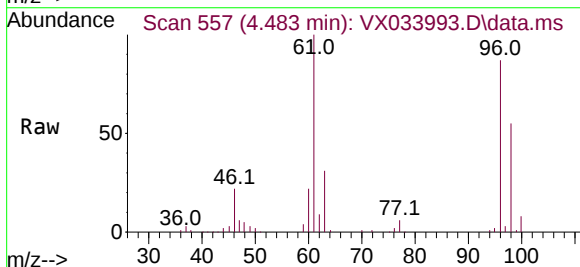
Tgt Ion: 96 Resp: 69667

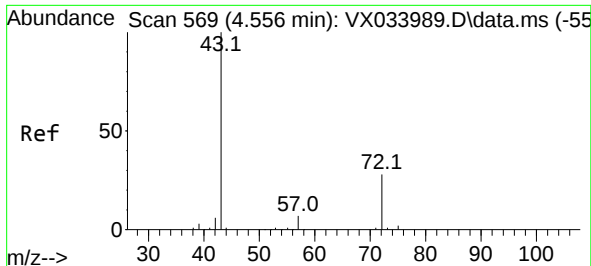
Ion Ratio Lower Upper

96 100

61 115.6 80.3 149.1

68 0.0 0.0 0.0

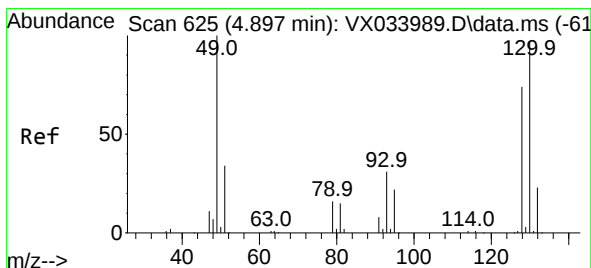
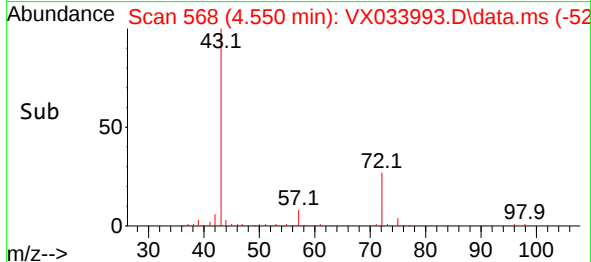
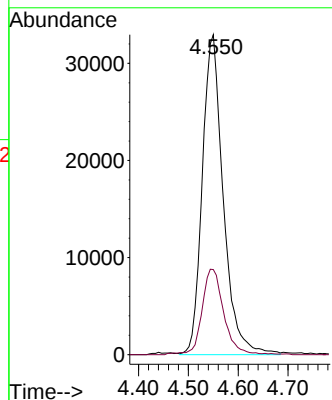
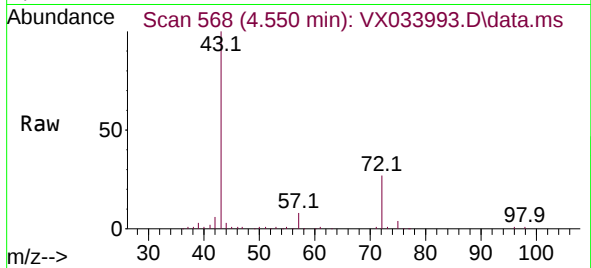




#22
2-Butanone
Concen: 91.065 ug/L
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

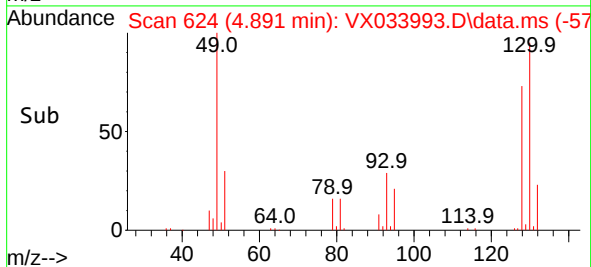
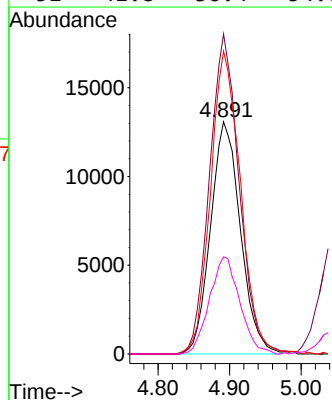
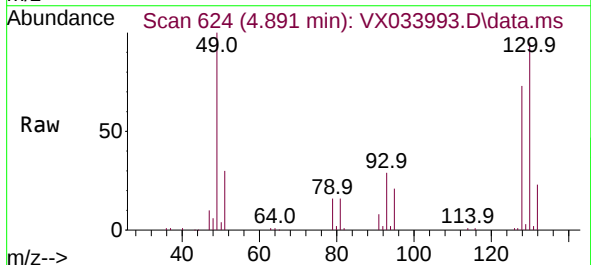
Instrument :
MSVOA_X
ClientSampleId :
VICV618

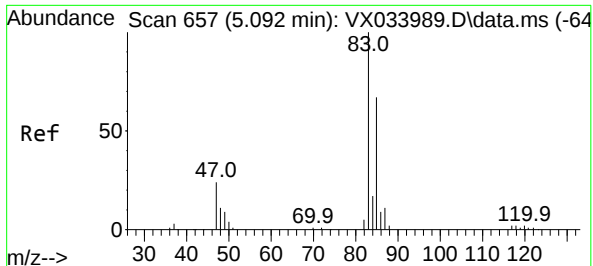
Tgt Ion: 43 Resp: 96235
Ion Ratio Lower Upper
43 100
72 26.9 13.2 39.6



#23
Bromochloromethane
Concen: 43.990 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion:128 Resp: 37977
Ion Ratio Lower Upper
128 100
49 137.8 94.7 175.9
130 130.5 91.3 169.6
51 41.8 36.4 54.6





#25

Chloroform

Concen: 44.963 ug/L

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

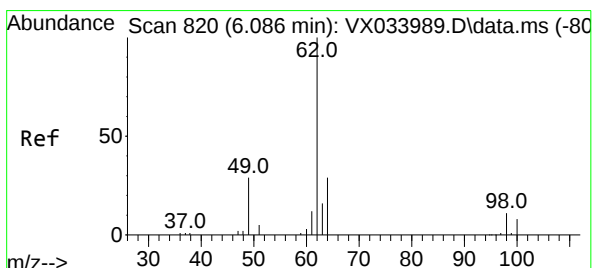
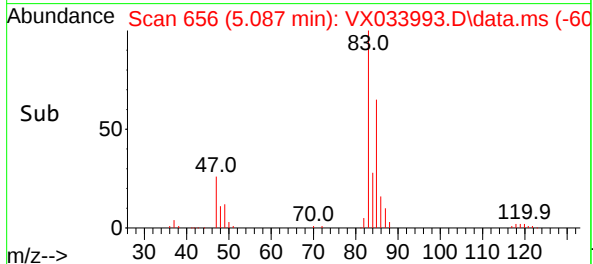
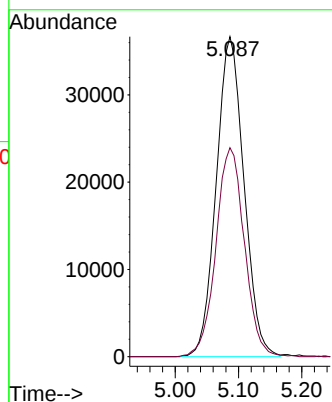
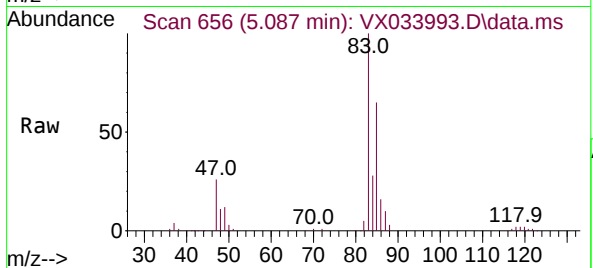
VICV618

Tgt Ion: 83 Resp: 111511

Ion Ratio Lower Upper

83 100

85 65.3 47.0 87.4



#27

1,2-Dichloroethane

Concen: 44.378 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX033993.D

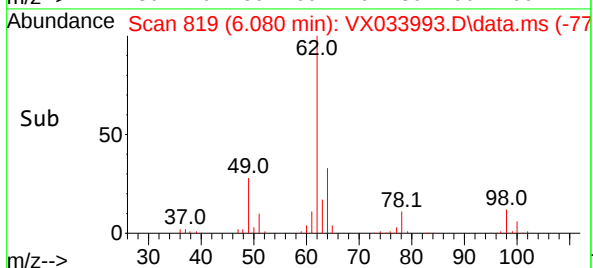
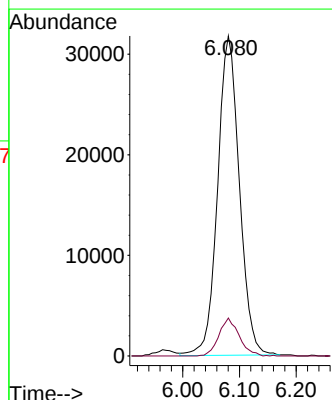
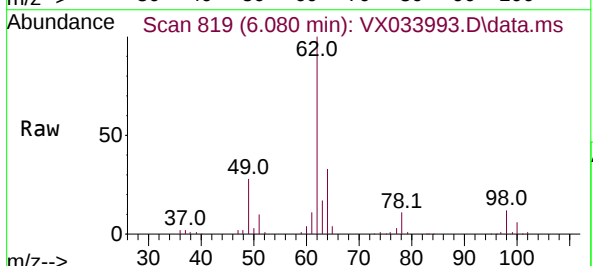
Acq: 02 Feb 2023 17:04

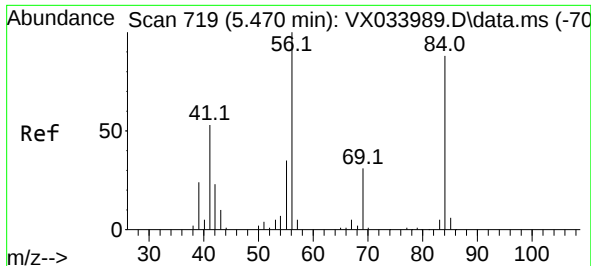
Tgt Ion: 62 Resp: 84473

Ion Ratio Lower Upper

62 100

98 11.8 9.1 13.7

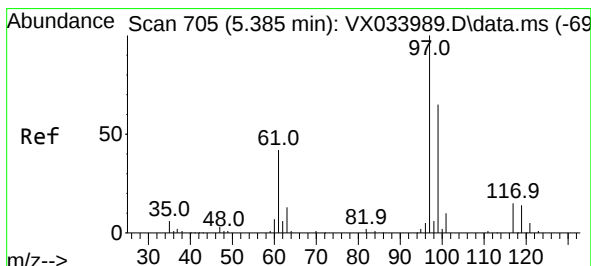
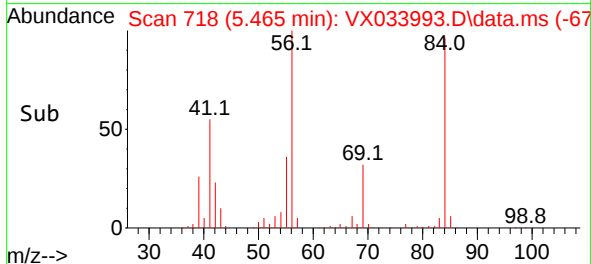
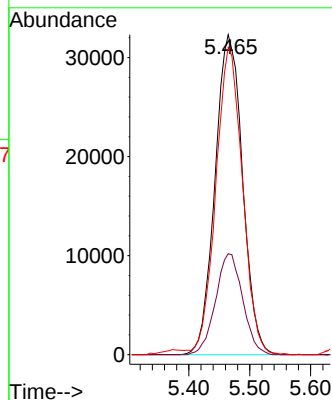
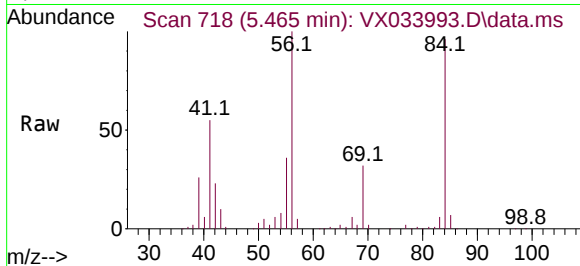




#29
Cyclohexane
Concen: 43.259 ug/L
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

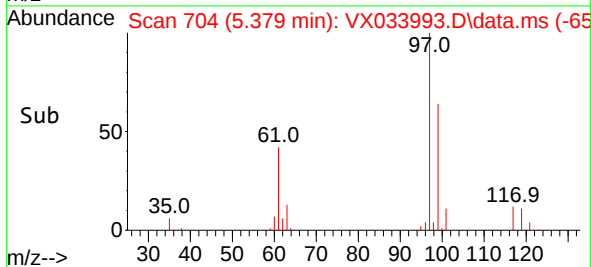
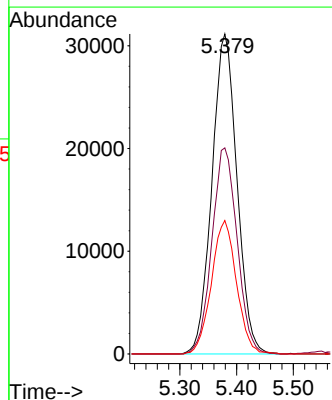
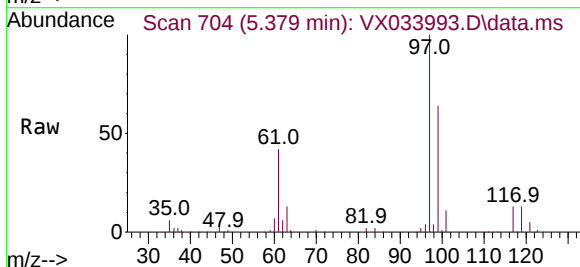
Instrument :
MSVOA_X
ClientSampleId :
VICV618

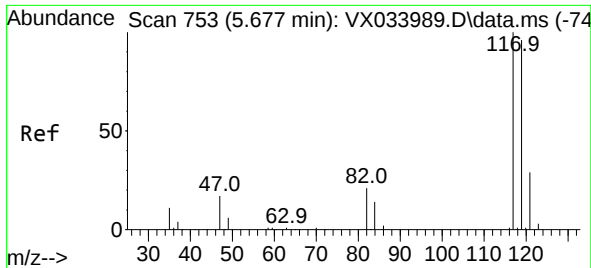
Tgt Ion: 56 Resp: 101453
Ion Ratio Lower Upper
56 100
69 31.0 24.8 37.2
84 93.0 73.2 109.8



#30
1,1,1-Trichloroethane
Concen: 44.065 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion: 97 Resp: 95500
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 41.6 34.7 52.1

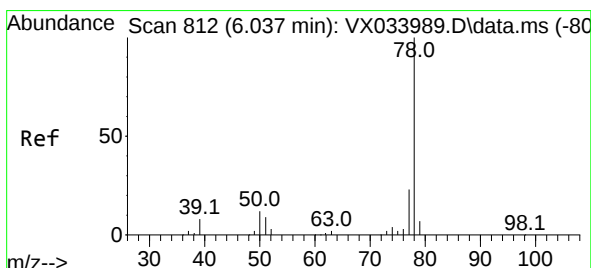
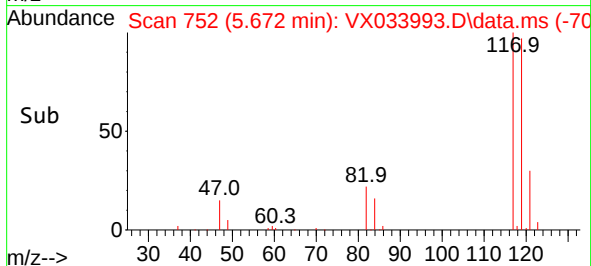
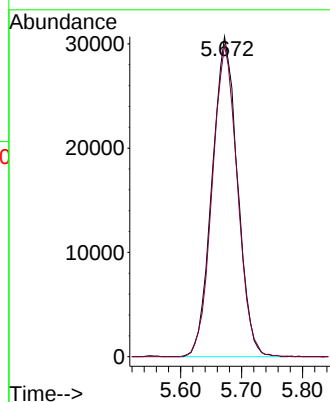
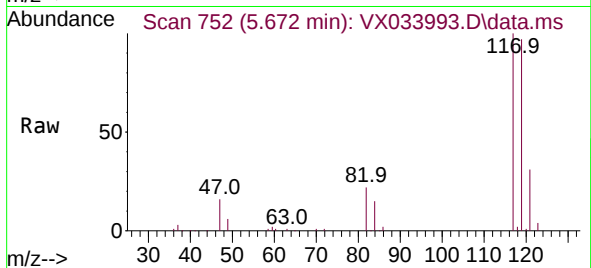




#31
Carbon tetrachloride
Concen: 44.030 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

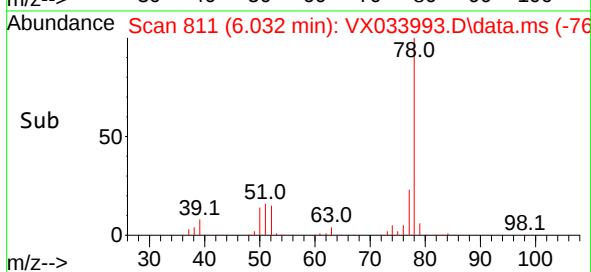
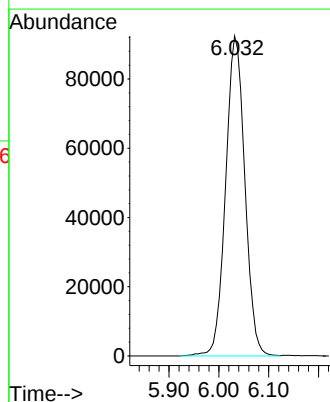
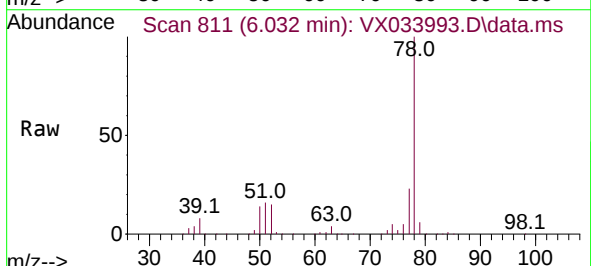
Instrument :
MSVOA_X
ClientSampleId :
VICV618

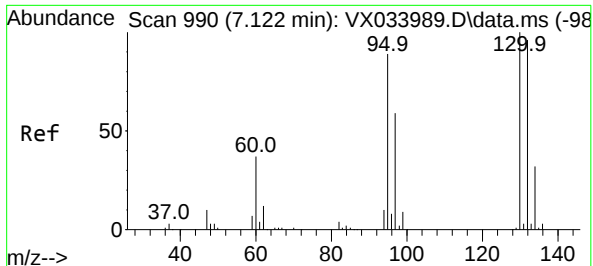
Tgt Ion:117 Resp: 88779
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 43.385 ug/L
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion: 78 Resp: 247373

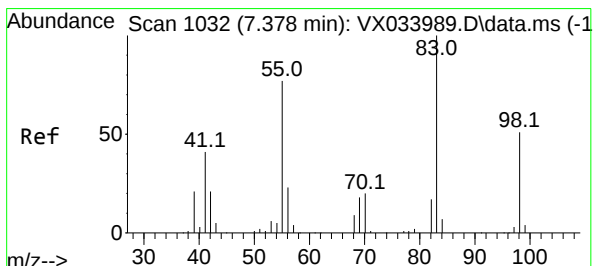
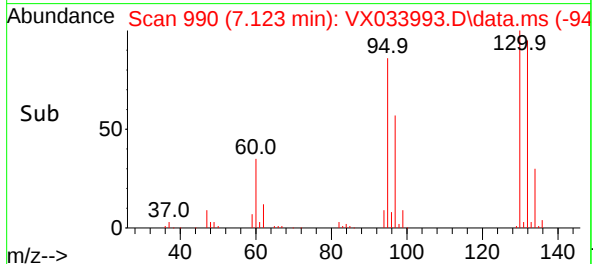
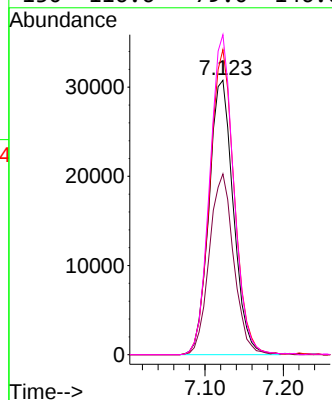
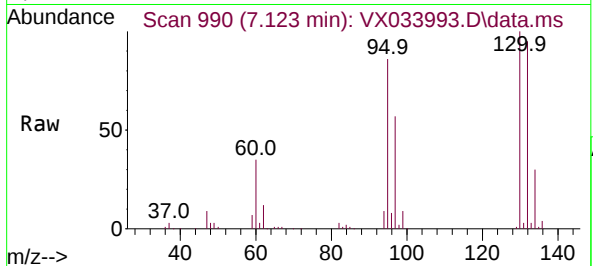




#34
Trichloroethene
Concen: 43.164 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

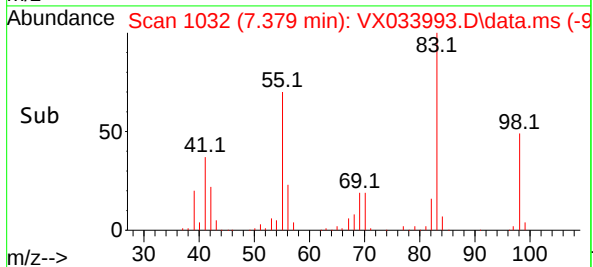
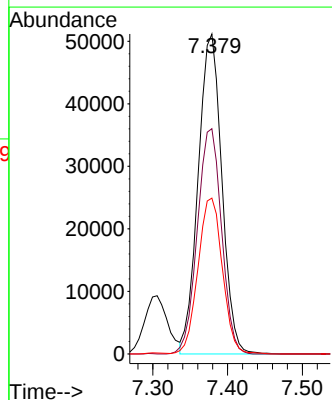
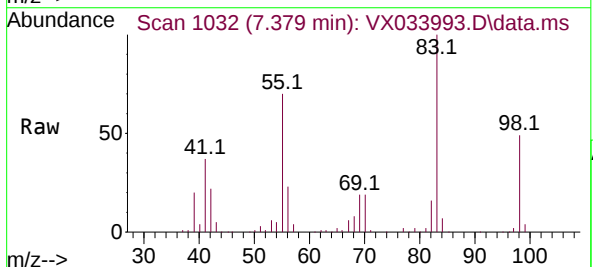
Instrument :
MSVOA_X
ClientSampleId :
VICV618

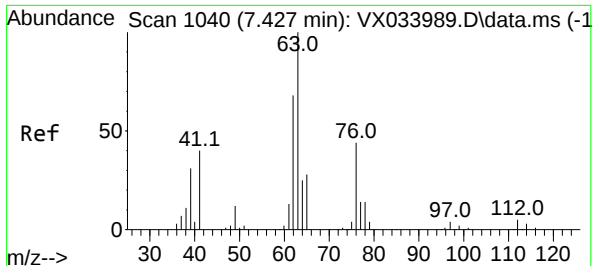
Tgt Ion: 95 Resp: 66701
Ion Ratio Lower Upper
95 100
97 65.9 46.8 87.0
132 111.2 76.2 141.4
130 116.6 79.0 146.6



#35
Methylcyclohexane
Concen: 45.657 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion: 83 Resp: 112503
Ion Ratio Lower Upper
83 100
55 71.8 59.0 88.4
98 50.2 40.6 60.8





#37

1,2-Dichloropropane

Concen: 42.800 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

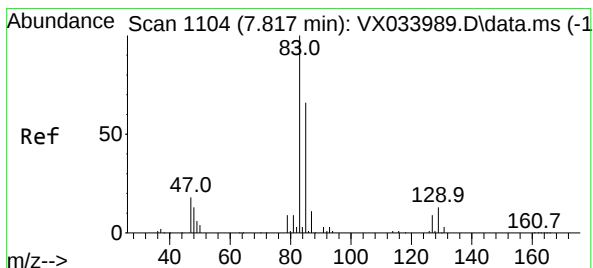
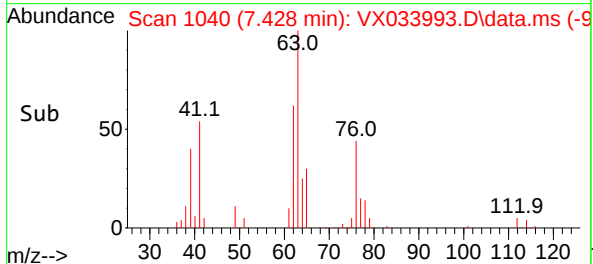
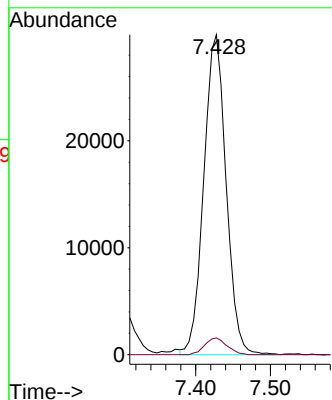
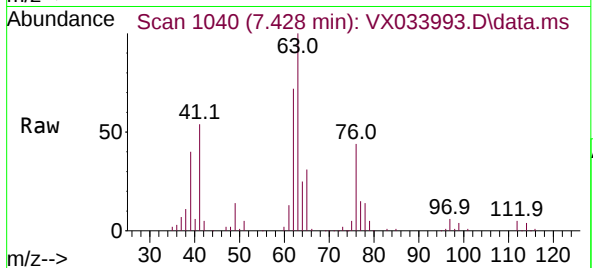
VICV618

Tgt Ion: 63 Resp: 62156

Ion Ratio Lower Upper

63 100

112 5.2 4.1 6.1



#38

Bromodichloromethane

Concen: 44.108 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

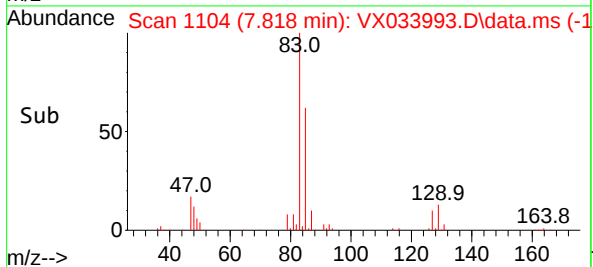
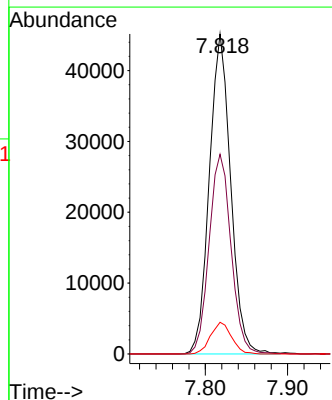
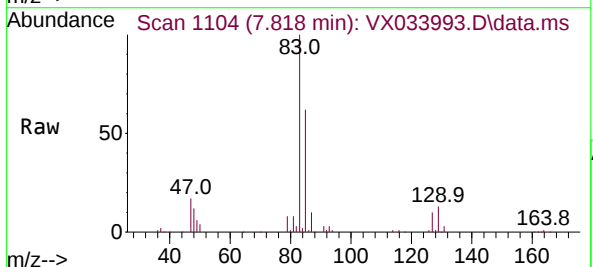
Tgt Ion: 83 Resp: 81450

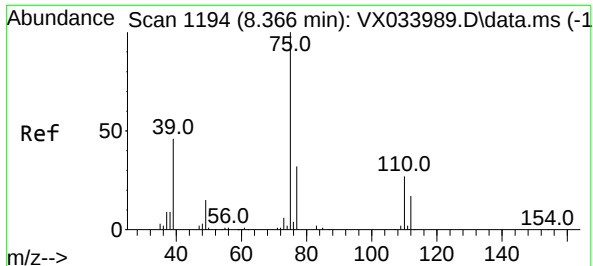
Ion Ratio Lower Upper

83 100

85 62.4 46.3 85.9

127 9.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 44.992 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

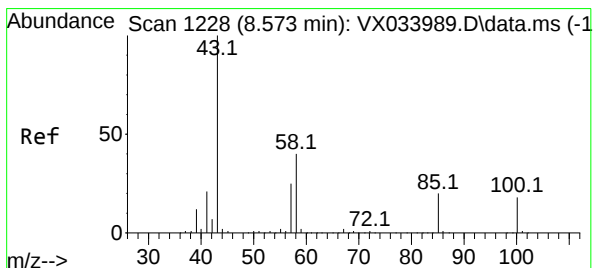
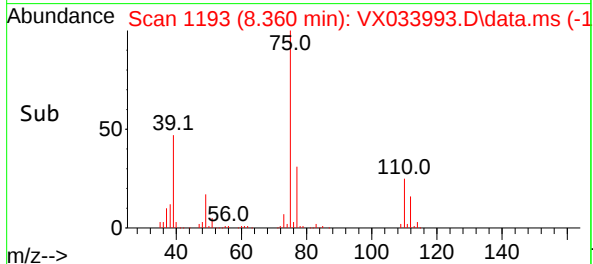
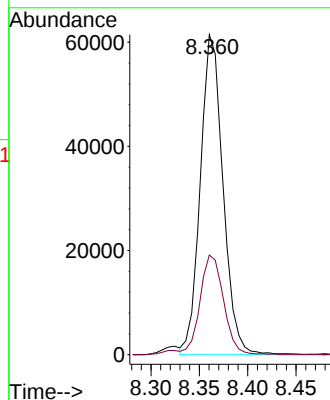
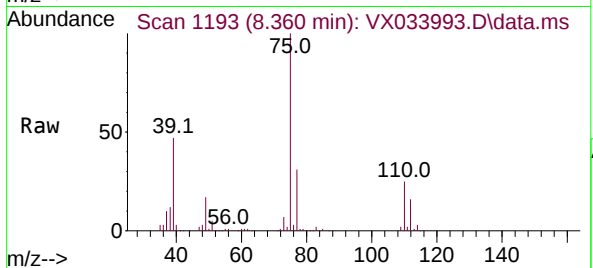
VICV618

Tgt Ion: 75 Resp: 100289

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 90.476 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

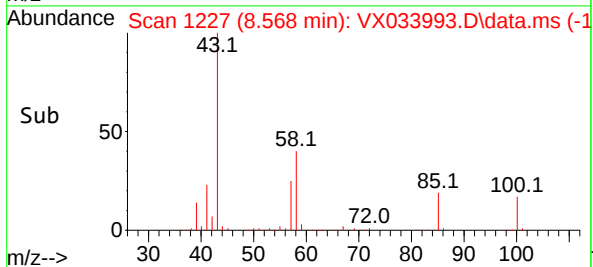
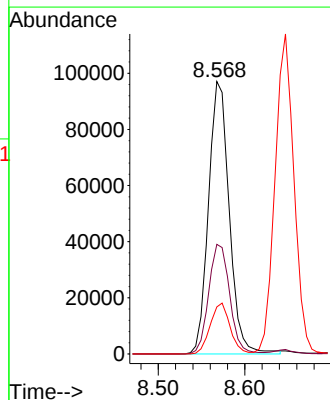
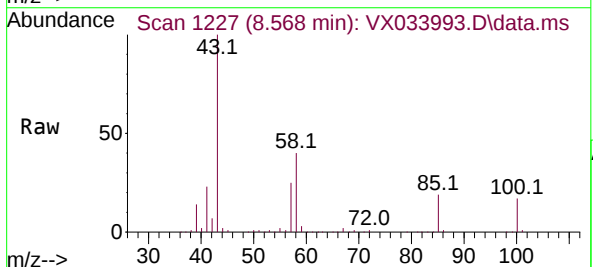
Tgt Ion: 43 Resp: 161694

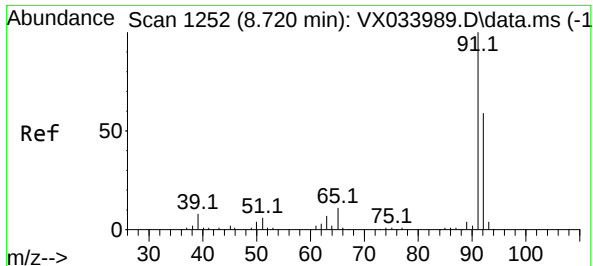
Ion Ratio Lower Upper

43 100

58 40.7 31.9 47.9

100 17.8 14.4 21.6





#42

Toluene

Concen: 44.280 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

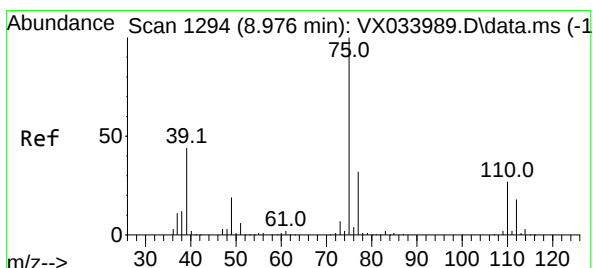
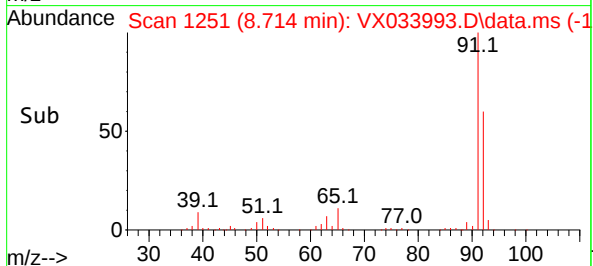
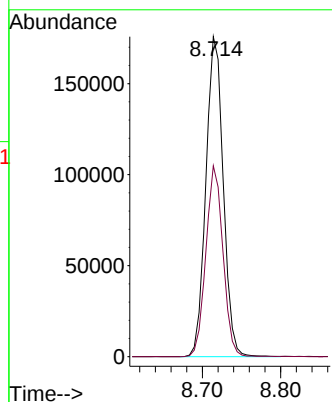
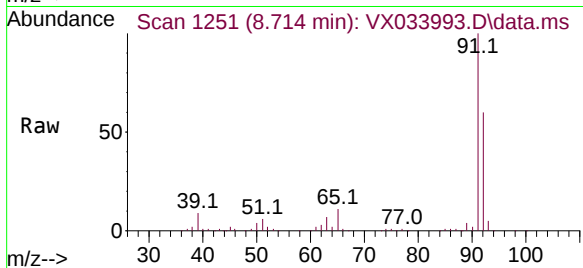
VICV618

Tgt Ion: 91 Resp: 270079

Ion Ratio Lower Upper

91 100

92 59.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 45.423 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.001 min

Lab File: VX033993.D

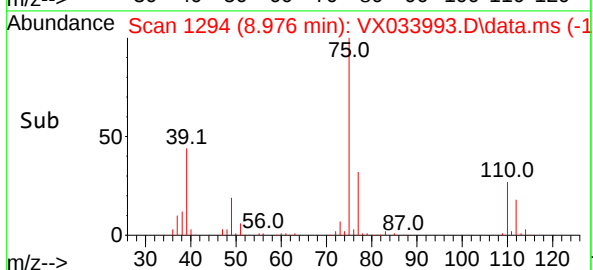
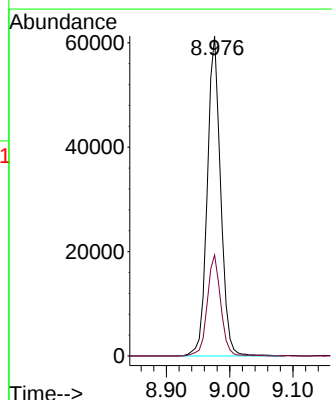
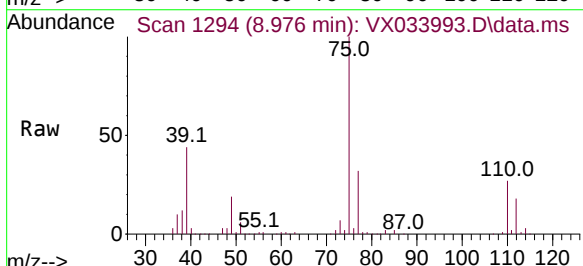
Acq: 02 Feb 2023 17:04

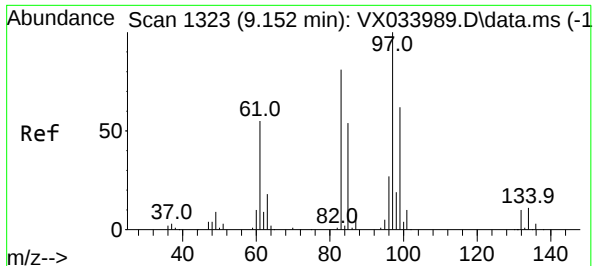
Tgt Ion: 75 Resp: 90096

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 44.613 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

Tgt Ion: 97 Resp: 65584

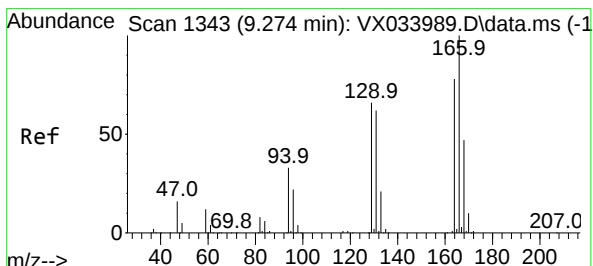
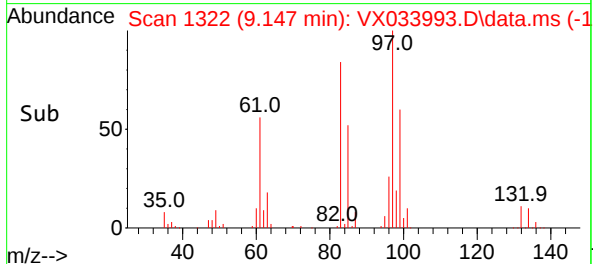
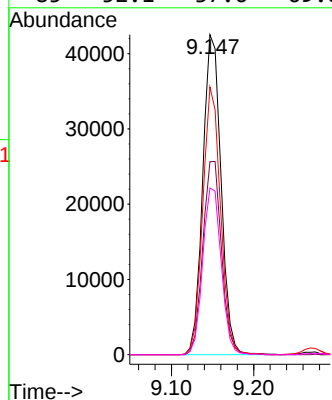
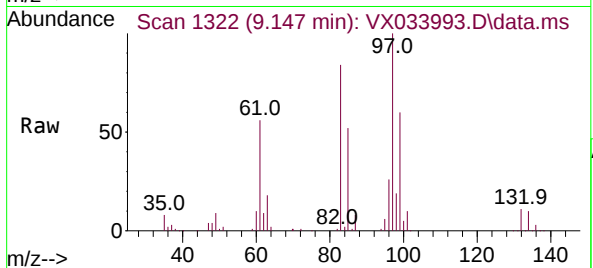
Ion Ratio Lower Upper

97 100

99 60.3 43.5 80.9

83 83.7 56.8 105.4

85 52.1 37.6 69.8



#46

Tetrachloroethene

Concen: 44.294 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Tgt Ion: 164 Resp: 65717

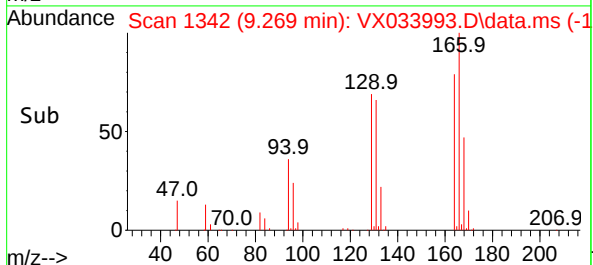
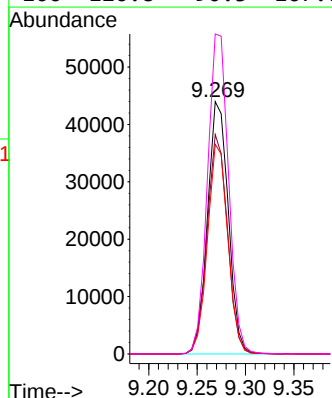
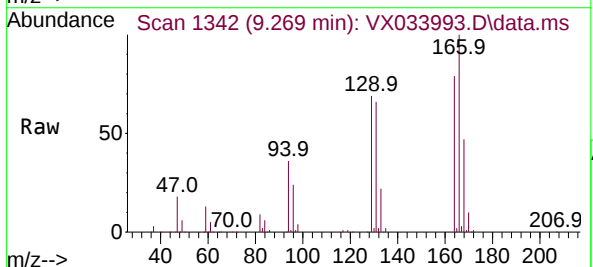
Ion Ratio Lower Upper

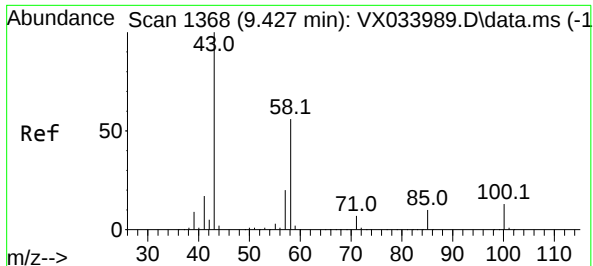
164 100

129 86.9 59.3 110.1

131 83.1 56.1 104.3

166 126.8 90.3 167.7

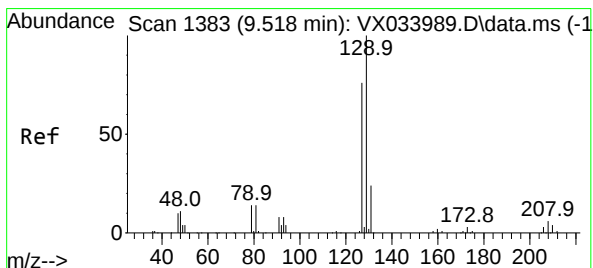
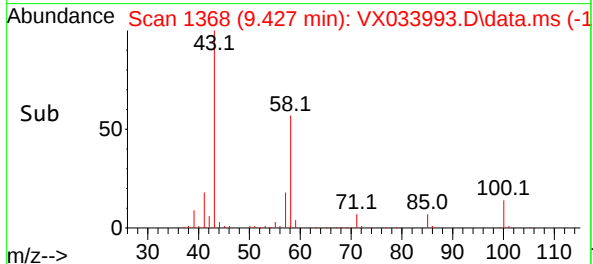
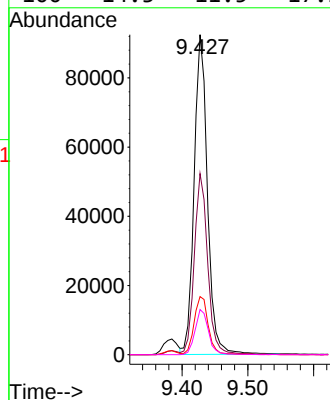
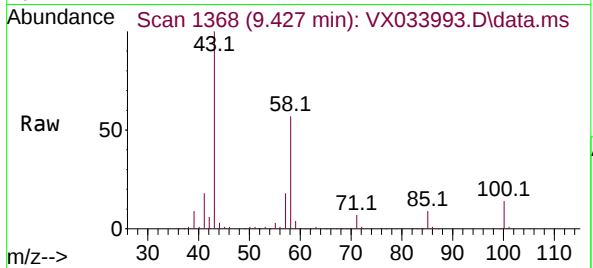




#48
2-Hexanone
Concen: 91.365 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

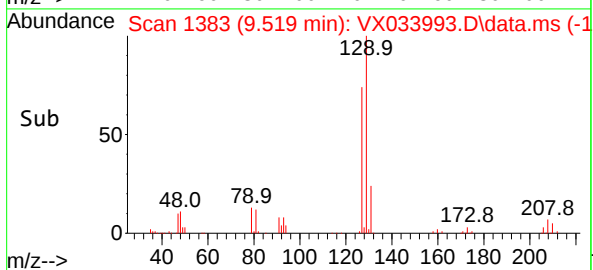
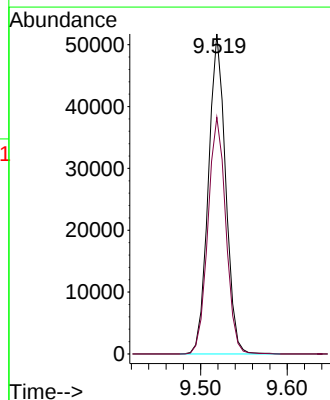
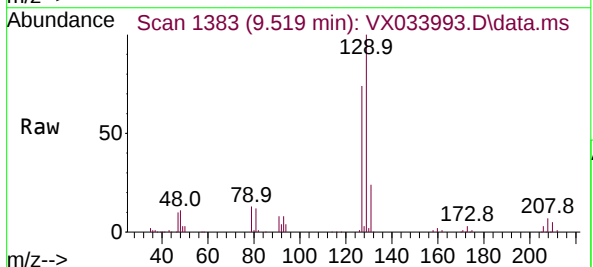
Instrument :
MSVOA_X
ClientSampleId :
VICV618

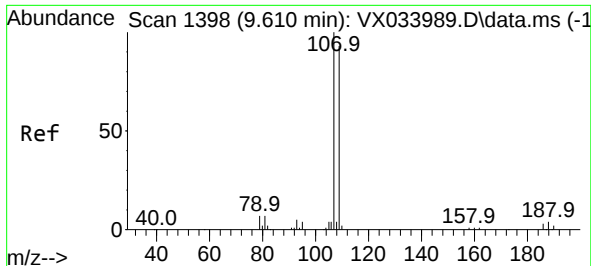
Tgt Ion:	43	Resp:	130124
Ion	Ratio	Lower	Upper
43	100		
58	56.8	45.7	68.5
57	19.3	15.8	23.8
100	14.3	11.5	17.3



#49
Dibromochloromethane
Concen: 45.027 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion:	129	Resp:	71419
Ion	Ratio	Lower	Upper
129	100		
127	73.9	53.3	98.9

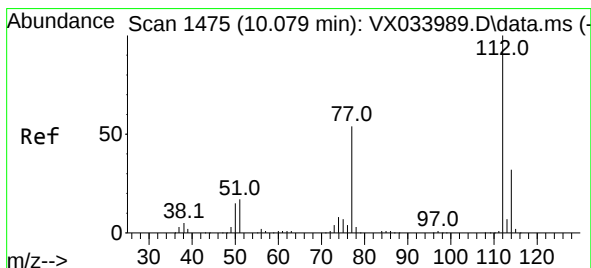
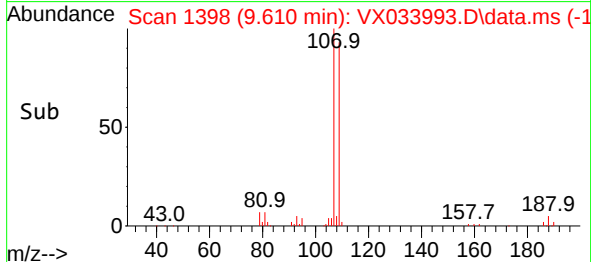
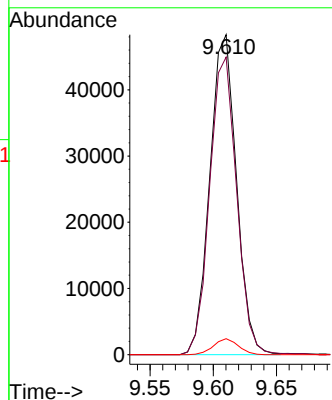
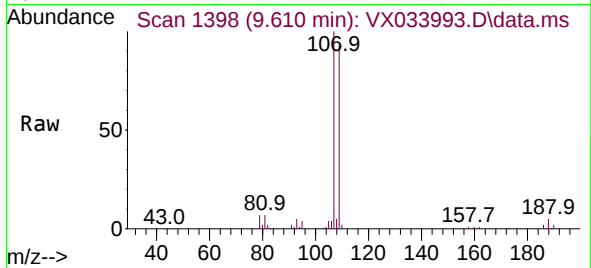




#50
1,2-Dibromoethane
Concen: 44.896 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

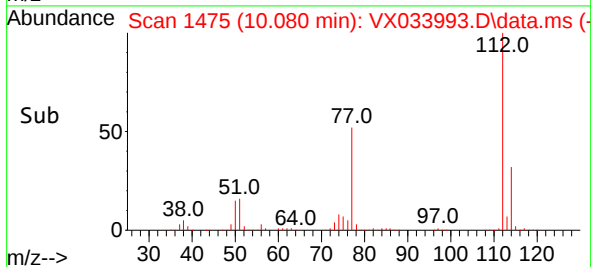
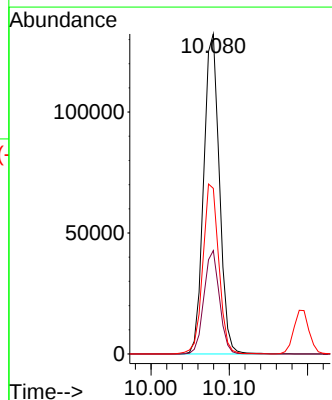
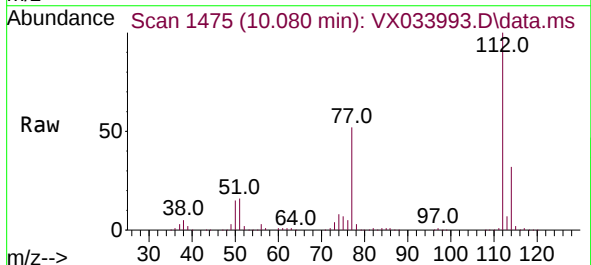
Instrument :
MSVOA_X
ClientSampleId :
VICV618

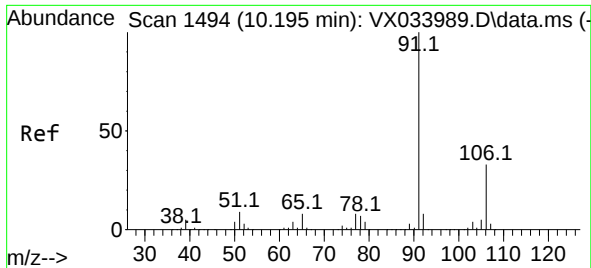
Tgt Ion:107 Resp: 70926
Ion Ratio Lower Upper
107 100
109 93.0 64.9 120.5
188 5.0 3.3 4.9#



#51
Chlorobenzene
Concen: 44.596 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion:112 Resp: 183764
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 51.7 43.4 65.0

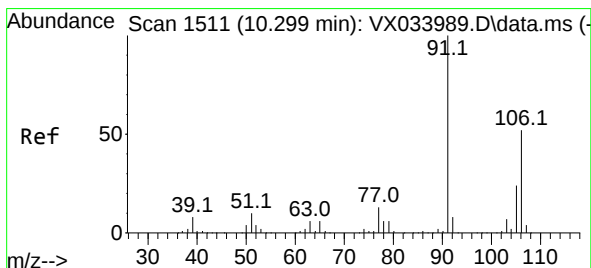
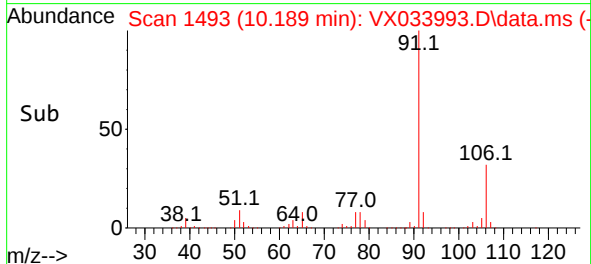
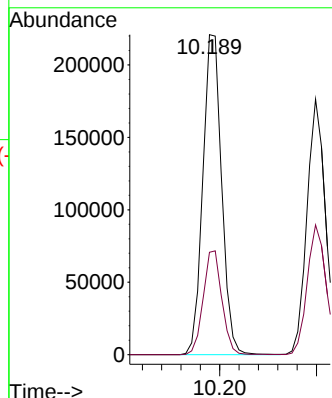
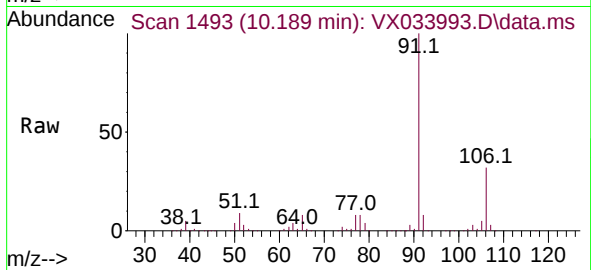




#52
Ethylbenzene
Concen: 44.687 ug/L
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

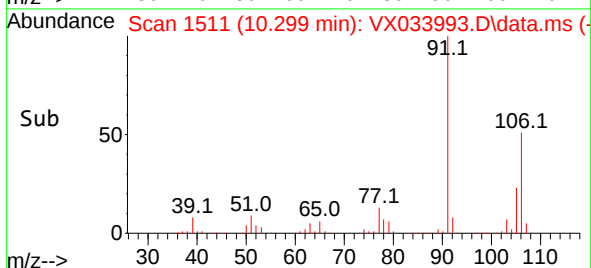
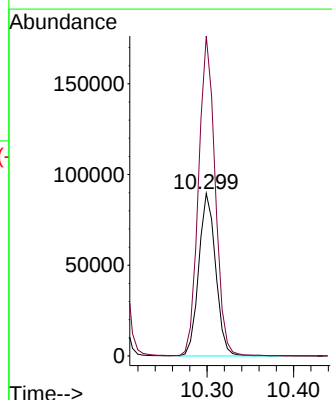
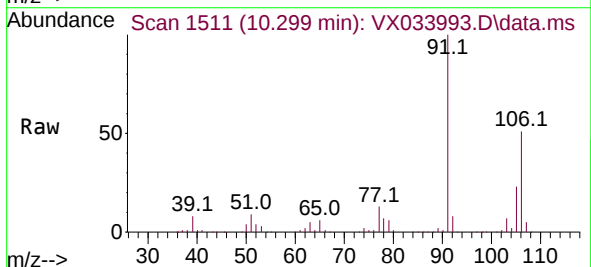
Instrument :
MSVOA_X
ClientSampleId :
VICV618

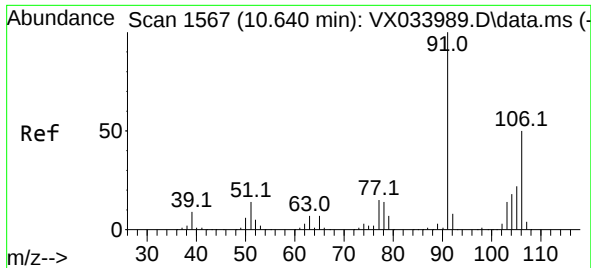
Tgt Ion: 91 Resp: 299535
Ion Ratio Lower Upper
91 100
106 32.0 23.2 43.0



#53
m,p-Xylene
Concen: 45.074 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion:106 Resp: 121278
Ion Ratio Lower Upper
106 100
91 196.9 135.2 251.0

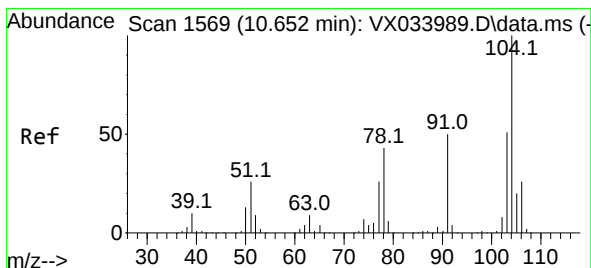
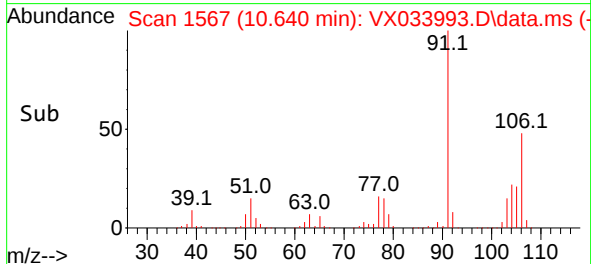
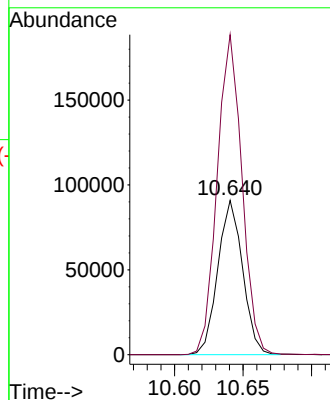
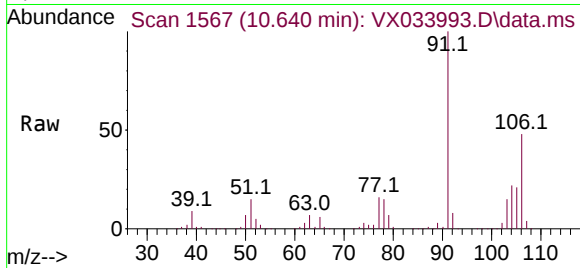




#54
o-Xylene
Concen: 44.107 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

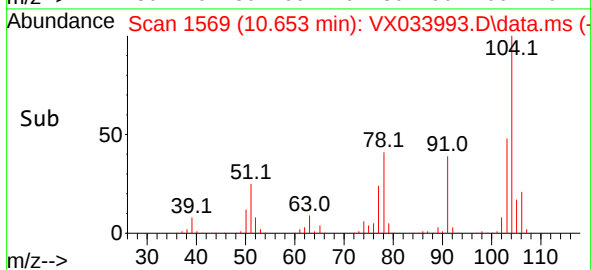
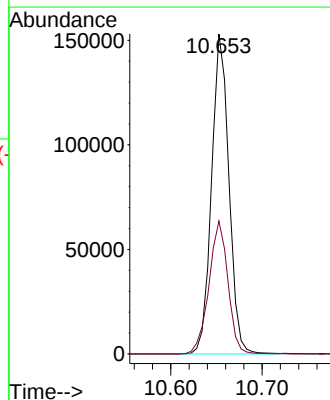
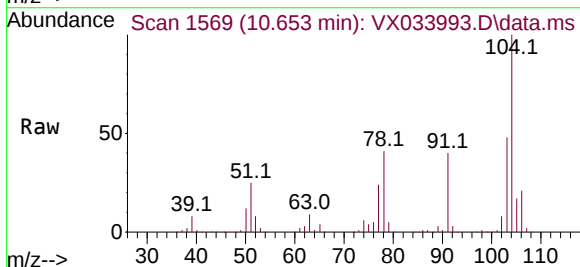
Instrument :
MSVOA_X
ClientSampleId :
VICV618

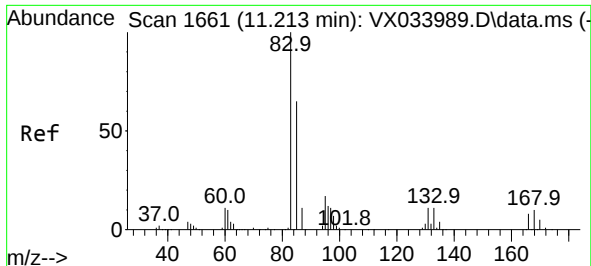
Tgt Ion:106 Resp: 114653
Ion Ratio Lower Upper
106 100
91 207.4 140.2 260.4



#55
Styrene
Concen: 46.151 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion:104 Resp: 201257
Ion Ratio Lower Upper
104 100
78 41.5 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 45.275 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

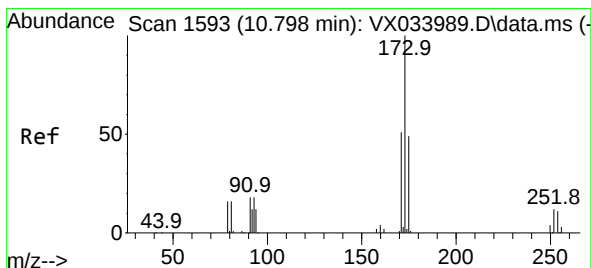
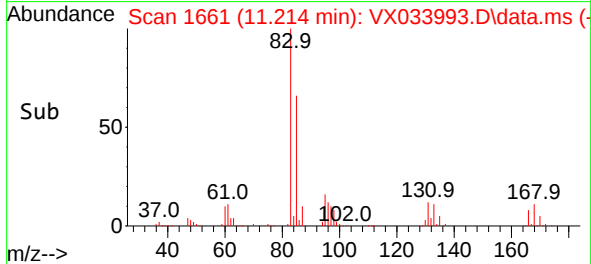
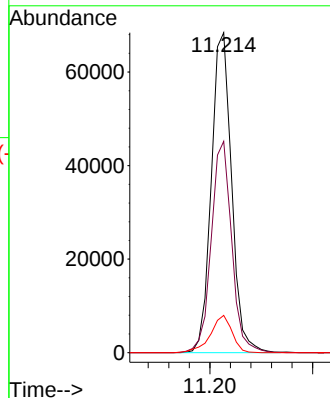
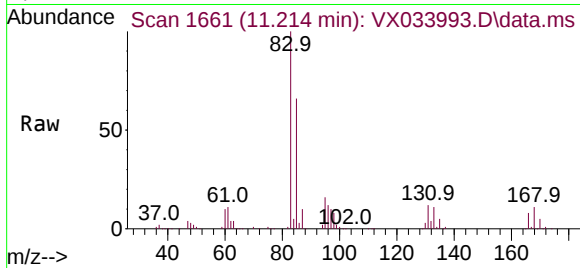
Tgt Ion: 83 Resp: 93567

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.0

131 11.6 9.1 13.7



#59

Bromoform

Concen: 45.101 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

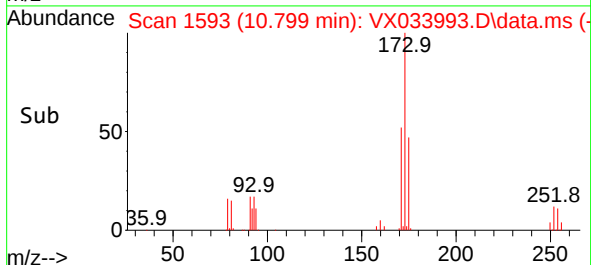
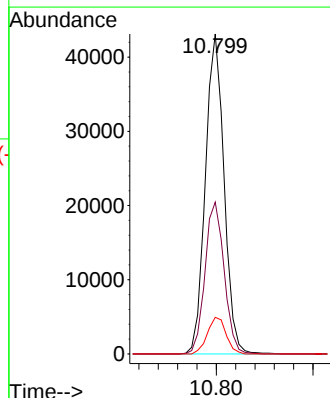
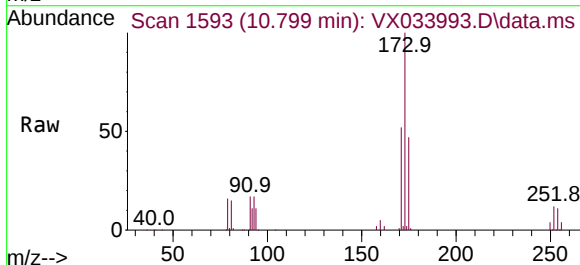
Tgt Ion:173 Resp: 57920

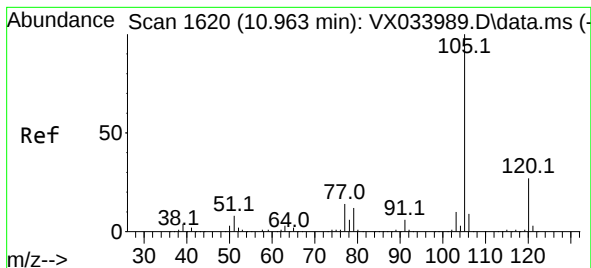
Ion Ratio Lower Upper

173 100

175 48.7 38.3 57.5

254 11.5 9.1 13.7





#60

Isopropylbenzene

Concen: 45.264 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

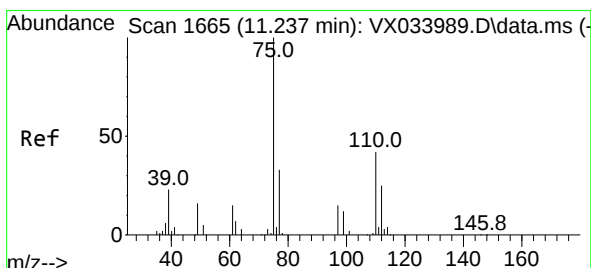
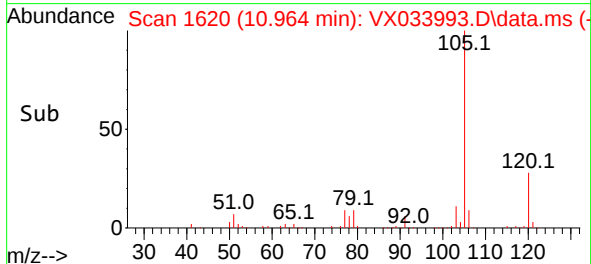
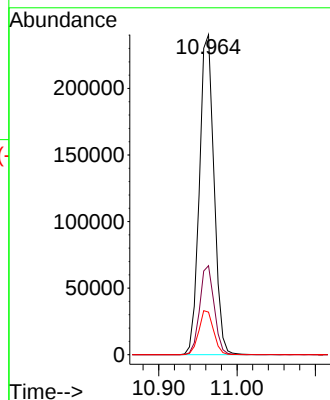
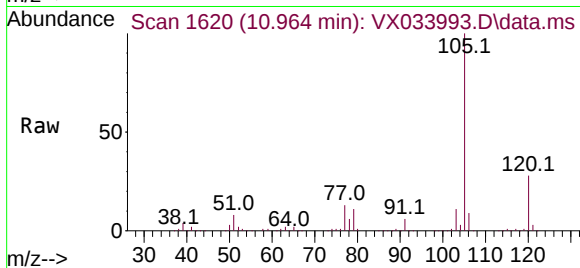
Tgt Ion:105 Resp: 312047

Ion Ratio Lower Upper

105 100

120 27.5 21.8 32.6

77 13.9 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 43.659 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

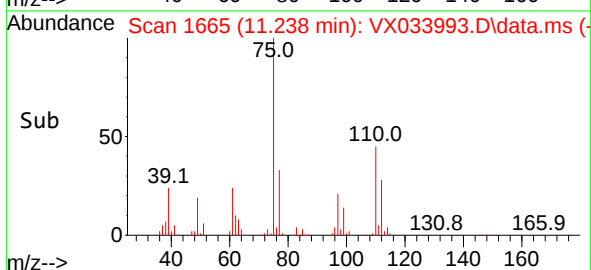
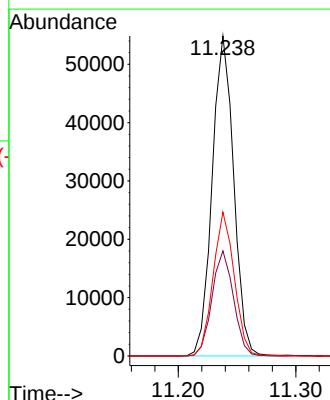
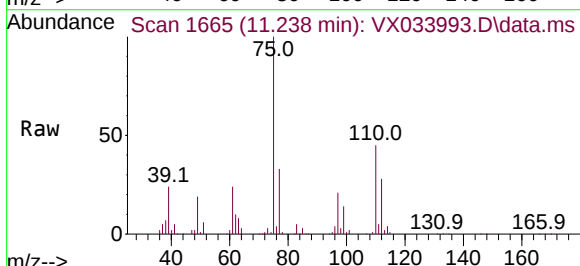
Tgt Ion: 75 Resp: 69941

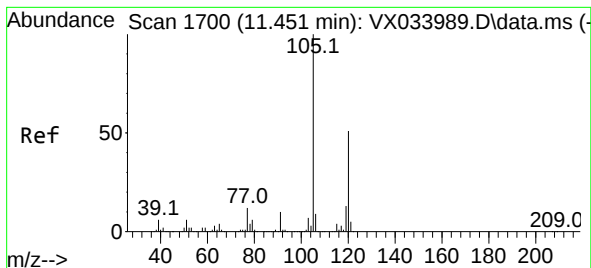
Ion Ratio Lower Upper

75 100

77 32.7 26.1 39.1

110 44.2 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 46.048 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

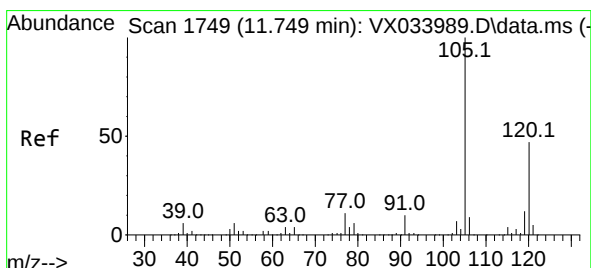
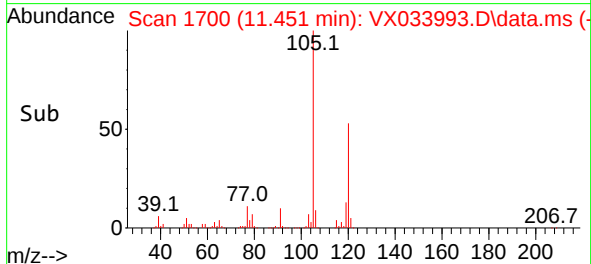
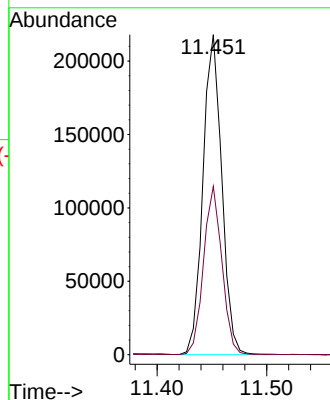
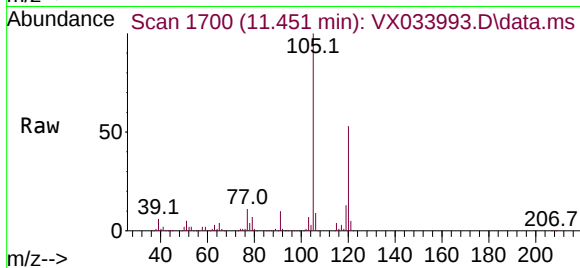
VICV618

Tgt Ion:105 Resp: 259840

Ion Ratio Lower Upper

105 100

120 51.5 41.3 61.9



#63

1,2,4-Trimethylbenzene

Concen: 45.762 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX033993.D

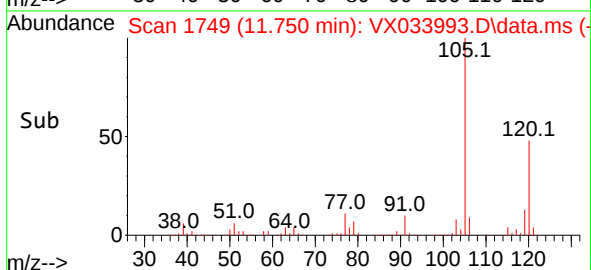
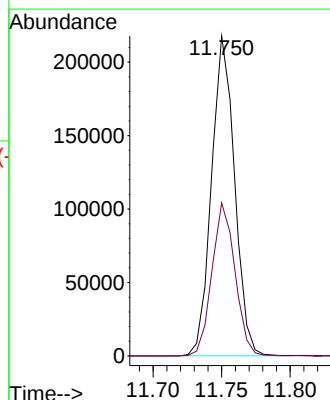
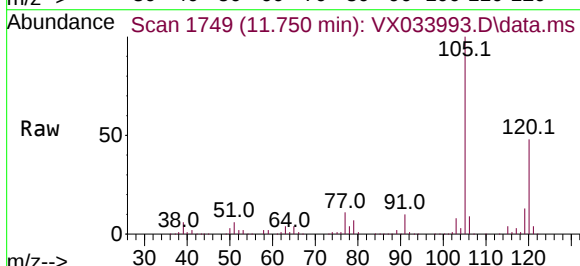
Acq: 02 Feb 2023 17:04

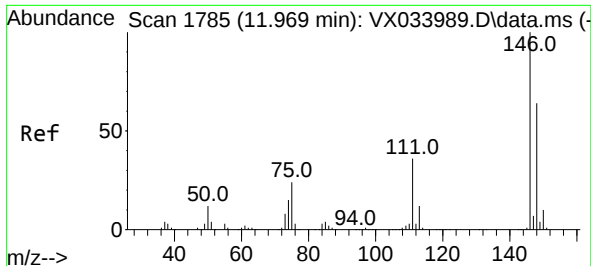
Tgt Ion:105 Resp: 254527

Ion Ratio Lower Upper

105 100

120 47.9 38.5 57.7

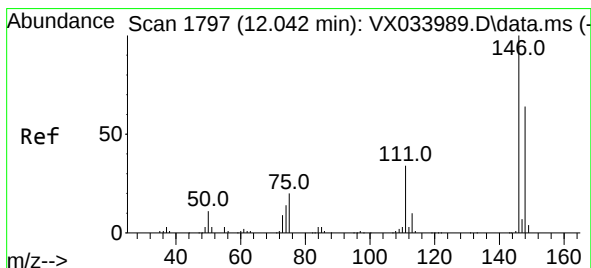
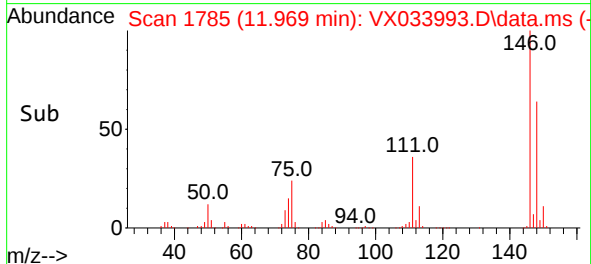
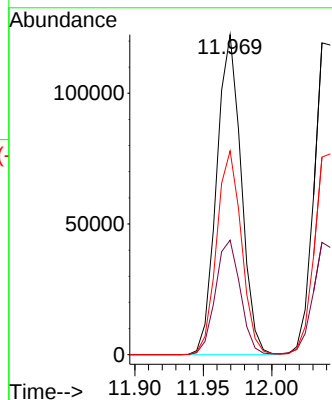
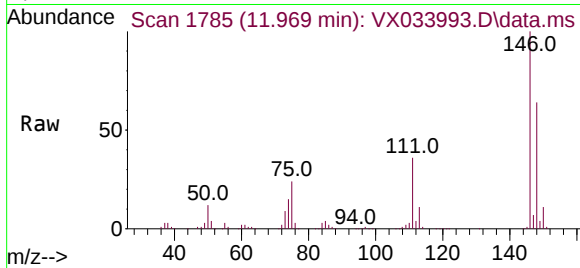




#64
1,3-Dichlorobenzene
Concen: 44.567 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

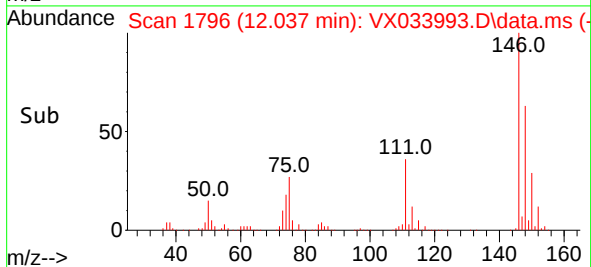
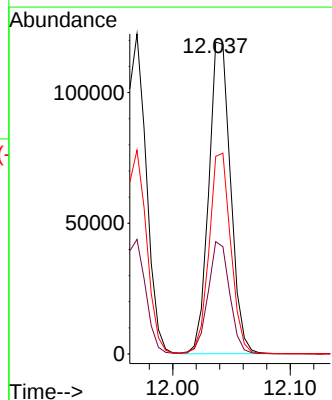
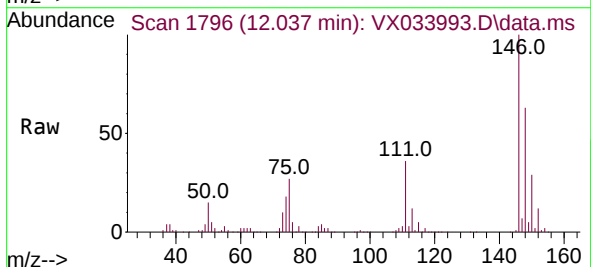
Instrument :
MSVOA_X
ClientSampleId :
VICV618

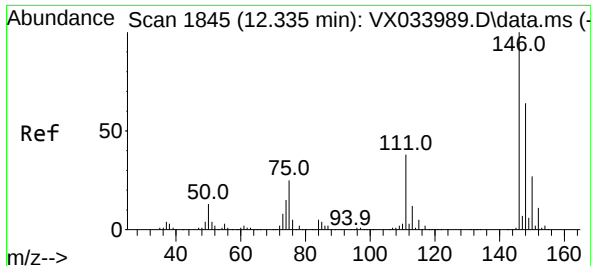
Tgt Ion:146 Resp: 152775
Ion Ratio Lower Upper
146 100
111 35.8 25.5 47.3
148 63.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 44.350 ug/L
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion:146 Resp: 153866
Ion Ratio Lower Upper
146 100
111 36.0 23.7 44.1
148 63.3 45.0 83.6

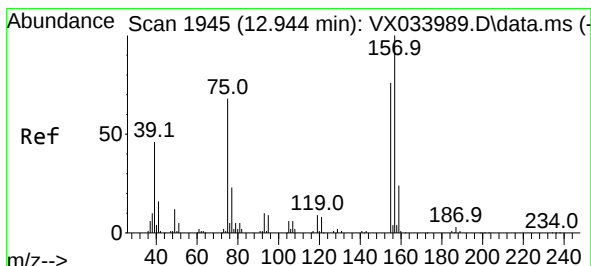
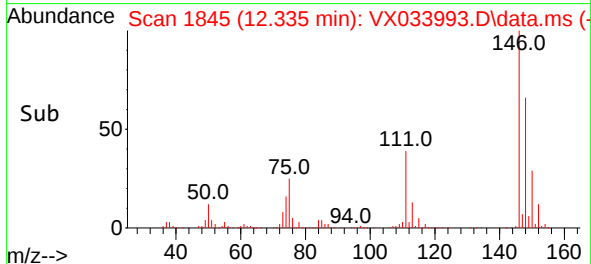
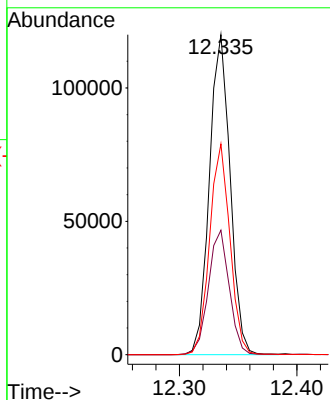
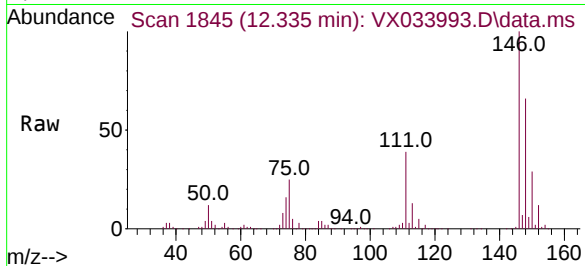




#67
1,2-Dichlorobenzene
Concen: 43.877 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

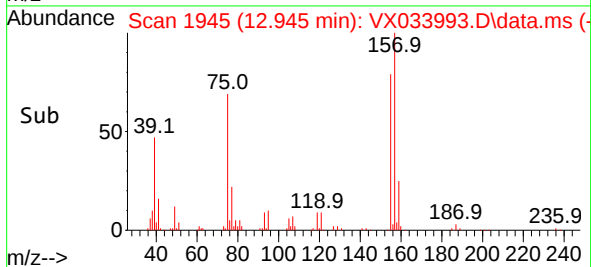
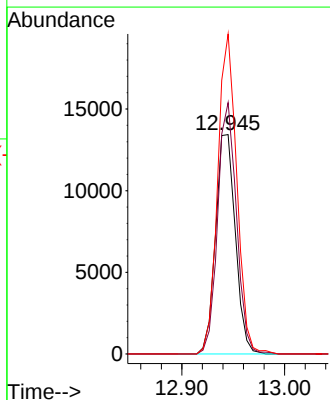
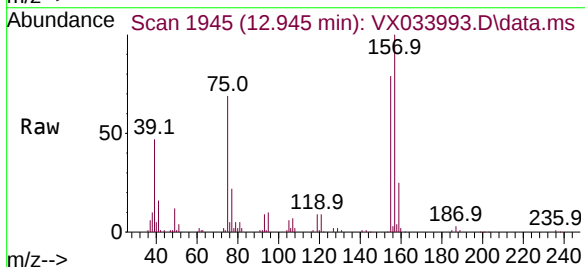
Instrument :
MSVOA_X
ClientSampleId :
VICV618

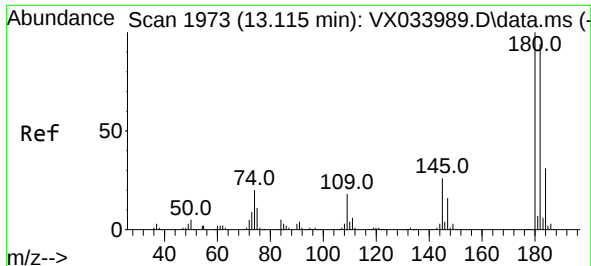
Tgt Ion:146 Resp: 147075
Ion Ratio Lower Upper
146 100
111 38.9 30.4 45.6
148 65.9 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 45.612 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX033993.D
Acq: 02 Feb 2023 17:04

Tgt Ion: 75 Resp: 17902
Ion Ratio Lower Upper
75 100
155 114.6 89.0 133.6
157 145.9 116.9 175.3





#69

1,3,5-Trichlorobenzene

Concen: 45.609 ug/L

RT: 13.110 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

Tgt Ion:180 Resp: 117908

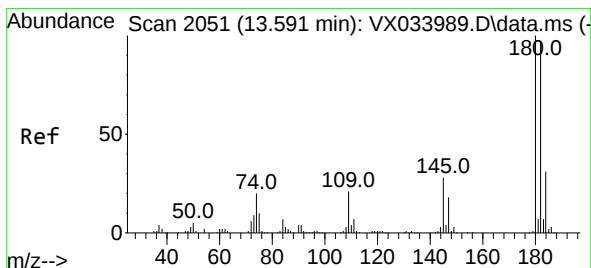
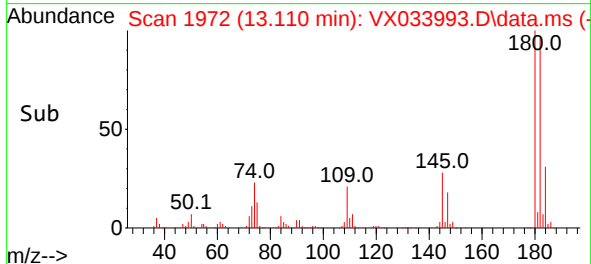
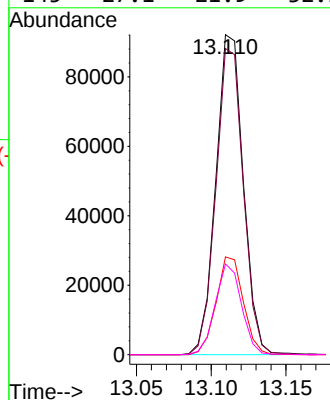
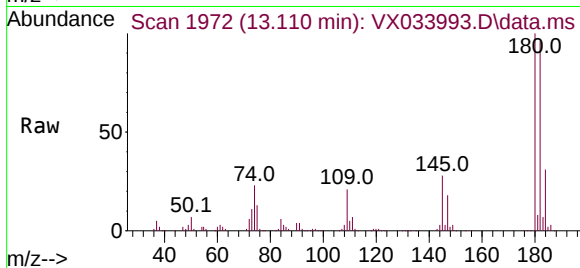
Ion Ratio Lower Upper

180 100

182 95.5 77.3 115.9

184 30.2 24.5 36.7

145 27.1 21.9 32.9



#70

1,2,4-trichlorobenzene

Concen: 46.271 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

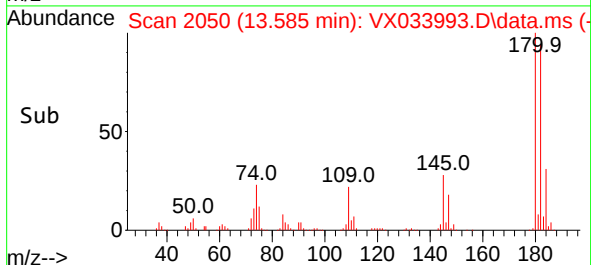
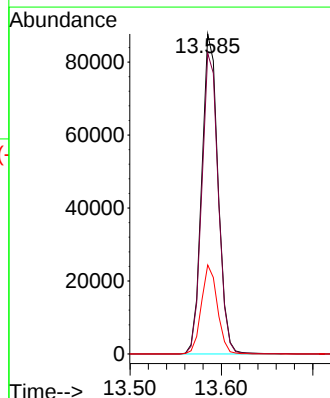
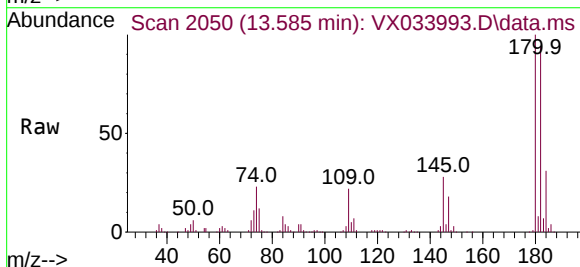
Tgt Ion:180 Resp: 108590

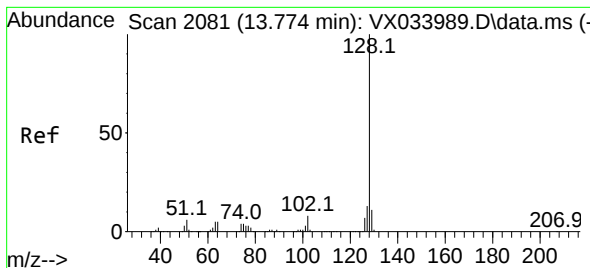
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 27.3 22.3 33.5





#71

Naphthalene

Concen: 46.505 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

VICV618

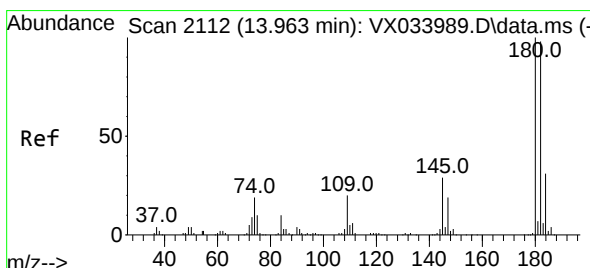
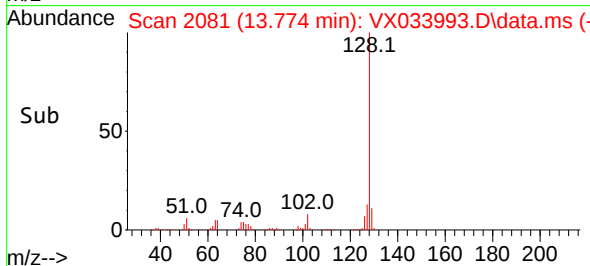
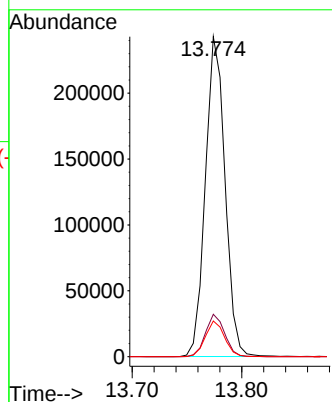
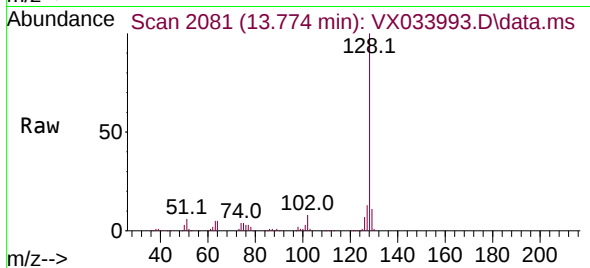
Tgt Ion:128 Resp: 302154

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 45.894 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.001 min

Lab File: VX033993.D

Acq: 02 Feb 2023 17:04

Tgt Ion:180 Resp: 106326

Ion Ratio Lower Upper

180 100

182 97.1 77.1 115.7

145 29.6 23.5 35.3

