

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026596.D
 Acq On : 29 Jun 2022 20:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV230

Quant Time: Jun 30 04:45:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 04:36:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	407468	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	393531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	216242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	155707	46.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.581	69	137423	48.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.480%
11) 1,1-Dichloroethene-d2	2.121	63	289876	46.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.660%
21) 2-Butanone-d5	3.915	46	184306	110.829	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.830%
24) Chloroform-d	4.359	84	316635	49.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
26) 1,2-Dichloroethane-d4	5.040	65	183295	50.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
32) Benzene-d6	5.056	84	611567	51.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
36) 1,2-Dichloropropane-d6	6.076	67	191848	50.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.800%
41) Toluene-d8	7.317	98	542759	51.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	7.622	79	81874	54.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.200%
47) 2-Hexanone-d5	8.092	63	146536	112.410	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.410%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	280213	51.489	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.980%
66) 1,2-Dichlorobenzene-d4	11.622	152	213653	50.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	131160	44.766	ug/L	99
3) Chloromethane	1.256	50	180272	49.623	ug/L	99
5) Vinyl chloride	1.323	62	186897	48.702	ug/L	99
6) Bromomethane	1.536	94	121161	50.154	ug/L	99
8) Chloroethane	1.600	64	127302	49.436	ug/L	97
9) Trichlorofluoromethane	1.767	101	246152	45.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	139670	44.187	ug/L	99
12) 1,1-Dichloroethene	2.130	96	148074	47.549	ug/L	98
13) Acetone	2.208	43	111449	92.046	ug/L	88
14) Carbon disulfide	2.307	76	415513	48.115	ug/L	99
15) Methyl Acetate	2.452	43	134324	52.816	ug/L	100
16) Methylene chloride	2.519	84	183886	50.300	ug/L	98
17) trans-1,2-Dichloroethene	2.773	96	160200	49.862	ug/L	99
18) Methyl tert-butyl Ether	2.786	73	482478	53.544	ug/L	99
19) 1,1-Dichloroethane	3.201	63	293757	50.507	ug/L	100
20) cis-1,2-Dichloroethene	3.925	96	177858	51.814	ug/L	98
22) 2-Butanone	3.995	43	174118	107.317	ug/L	93
23) Bromochloromethane	4.259	128	98880	50.929	ug/L	99
25) Chloroform	4.384	83	312345	50.744	ug/L	99

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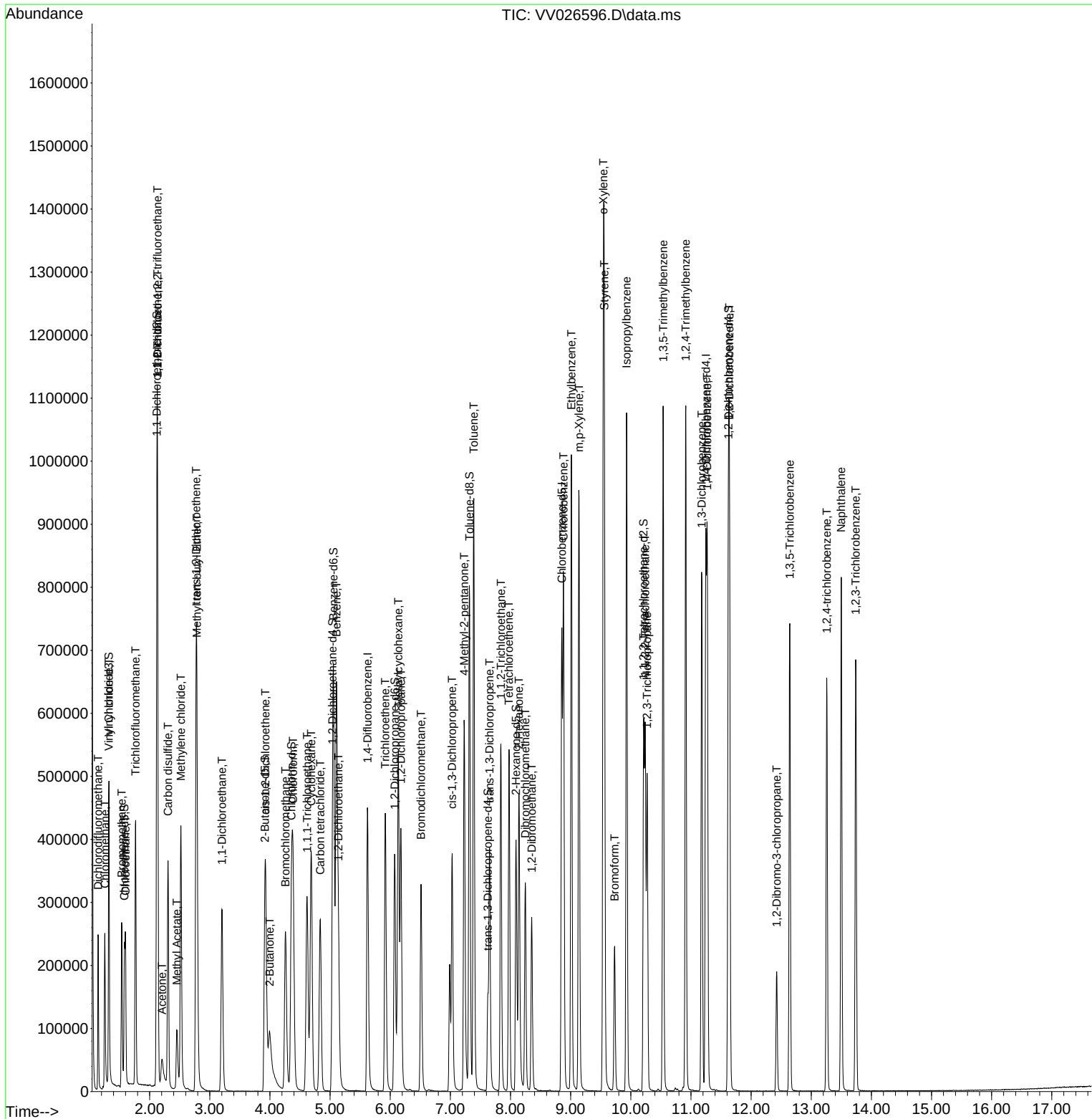
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV230

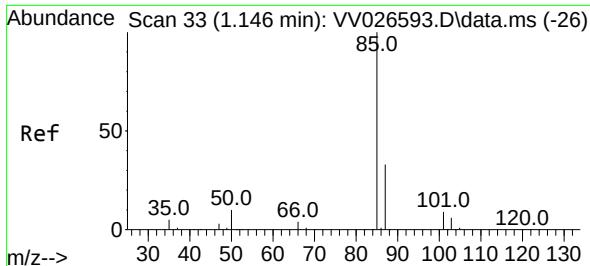
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 Quant Title : VOC Analysis
 QLast Update : Thu Jun 30 04:36:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	217867	52.373	ug/L	99
29) Cyclohexane	4.687	56	203571	48.674	ug/L	100
30) 1,1,1-Trichloroethane	4.619	97	259141	50.406	ug/L	99
31) Carbon tetrachloride	4.838	117	212745	49.283	ug/L	99
33) Benzene	5.108	78	672848	52.732	ug/L	100
34) Trichloroethene	5.918	95	160678	49.893	ug/L	99
35) Methylcyclohexane	6.137	83	233749	47.644	ug/L	99
37) 1,2-Dichloropropane	6.178	63	173278	52.136	ug/L	100
38) Bromodichloromethane	6.513	83	227347	53.231	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	245442	54.842	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	387511	115.514	ug/L	100
42) Toluene	7.391	91	708364	52.953	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	228568	55.382	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	179233	53.128	ug/L	99
46) Tetrachloroethene	7.976	164	124992	48.026	ug/L	98
48) 2-Hexanone	8.140	43	295357	116.953	ug/L	98
49) Dibromochloromethane	8.246	129	174762	53.817	ug/L	100
50) 1,2-Dibromoethane	8.352	107	183318	53.545	ug/L	98
51) Chlorobenzene	8.883	112	453633	50.246	ug/L	99
52) Ethylbenzene	9.011	91	704430	51.725	ug/L	100
53) m,p-Xylene	9.140	106	281350	52.712	ug/L	98
54) o-Xylene	9.545	106	275045	53.219	ug/L	98
55) Styrene	9.561	104	497263	55.283	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	279743	53.279	ug/L	99
59) Bromoform	9.731	173	106145	55.765	ug/L	98
60) Isopropylbenzene	9.931	105	689995	52.391	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	203693	52.603	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	570119	53.372	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	579397	54.474	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	340994	51.128	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	351396	50.808	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	347351	51.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	46007	53.198	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	229945	50.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	199142	51.610	ug/L	100
71) Naphthalene	13.500	128	633079	57.075	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	209242	53.416	ug/L	99

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

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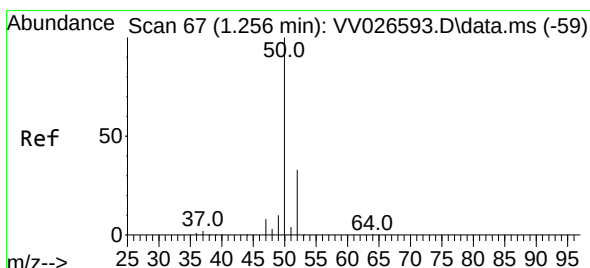
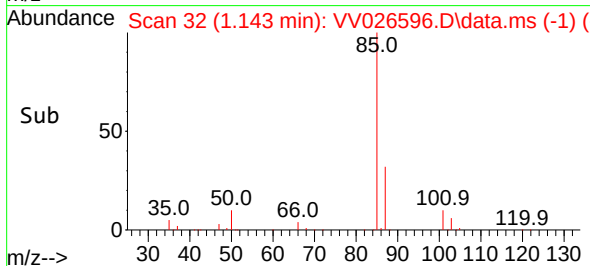
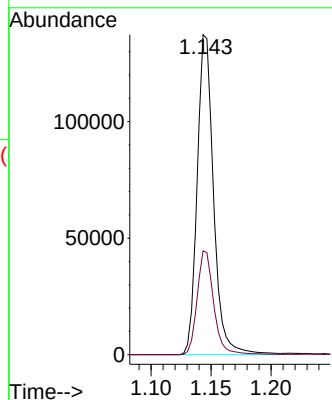
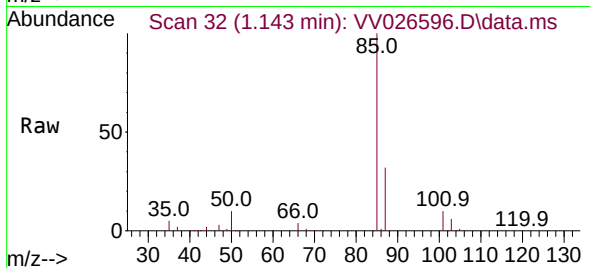




#2
 Dichlorodifluoromethane
 Concen: 44.766 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026596.D
 Acq: 29 Jun 2022 20:30

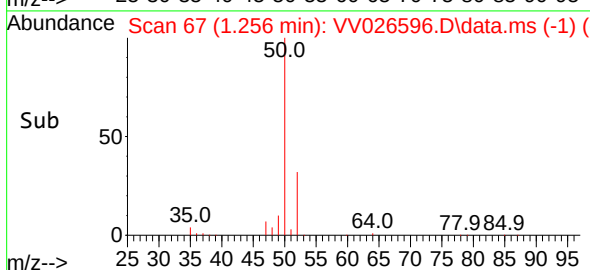
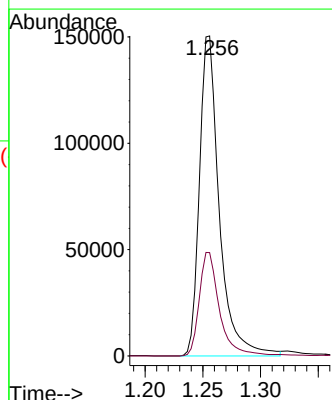
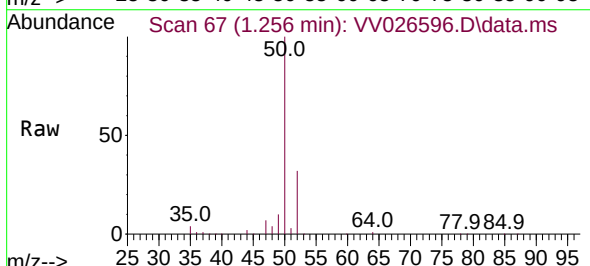
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV230

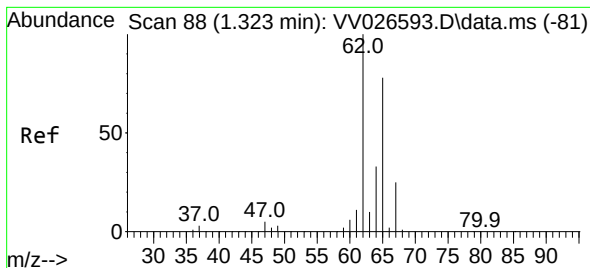
Tgt Ion: 85 Resp: 131160
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 49.623 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV026596.D
 Acq: 29 Jun 2022 20:30

Tgt Ion: 50 Resp: 180272
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.1 42.9

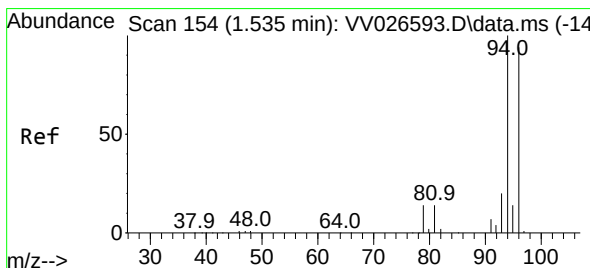
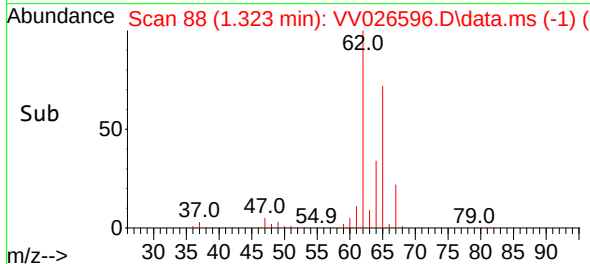
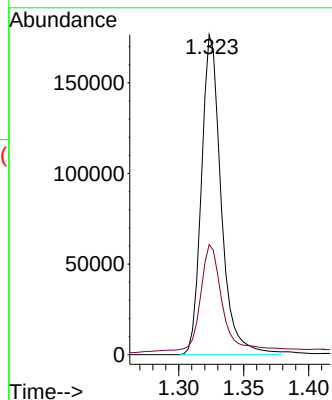
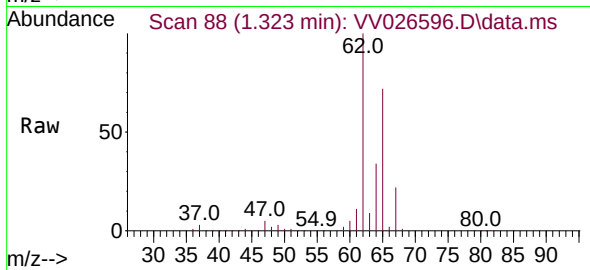




#5
 Vinyl chloride
 Concen: 48.702 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026596.D
 Acq: 29 Jun 2022 20:30

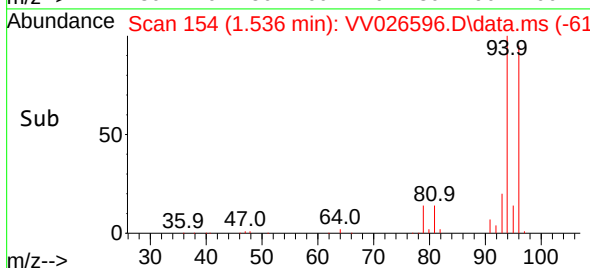
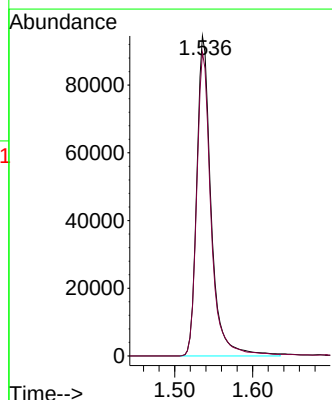
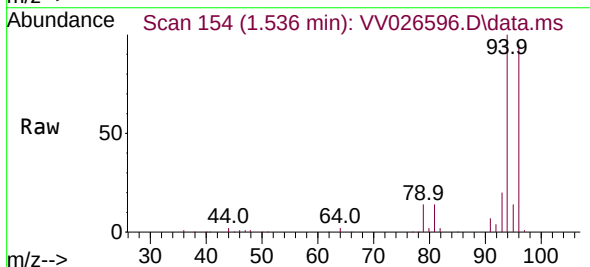
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 ClientSampleId :
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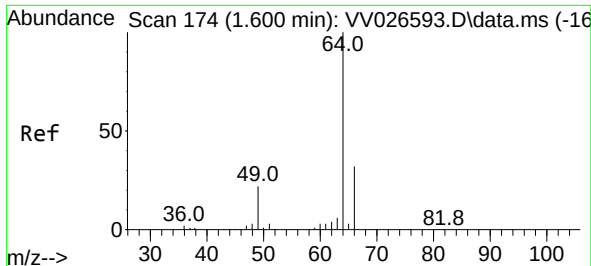
Tgt Ion: 62 Resp: 186897
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.7 44.1



#6
 Bromomethane
 Concen: 50.154 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV026596.D
 Acq: 29 Jun 2022 20:30

Tgt Ion: 94 Resp: 121161
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.6 121.8

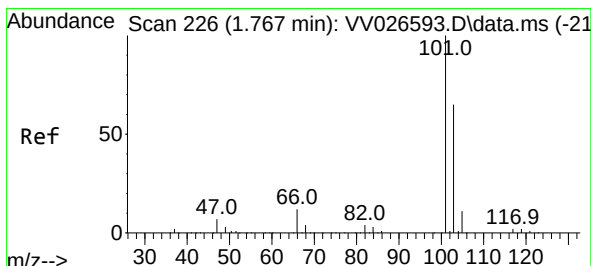
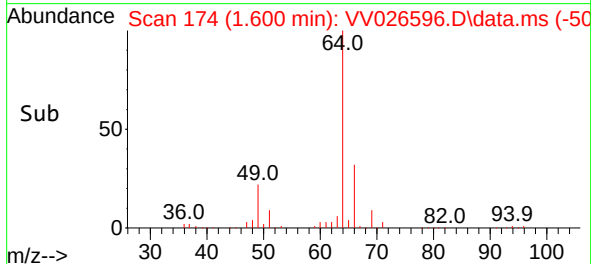
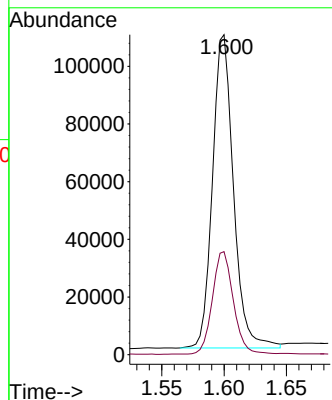
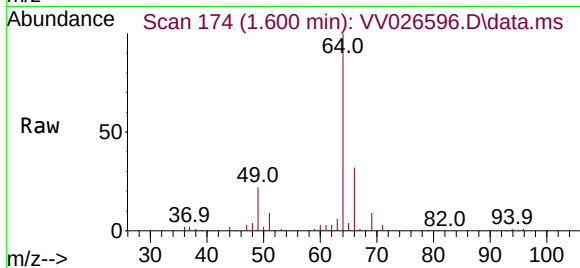




#8
Chloroethane
Concen: 49.436 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

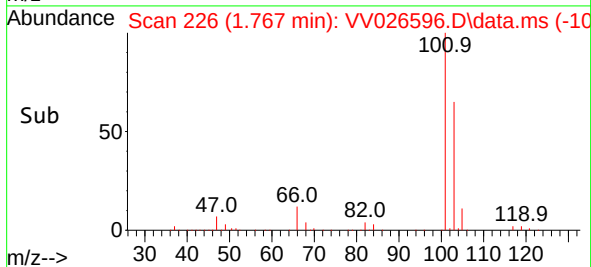
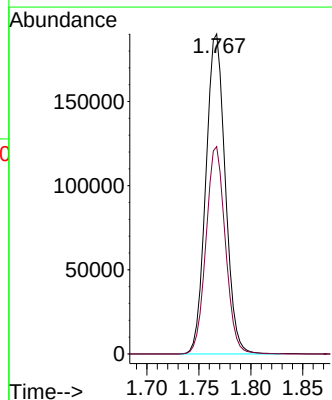
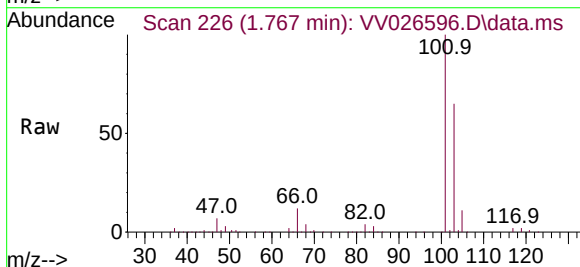
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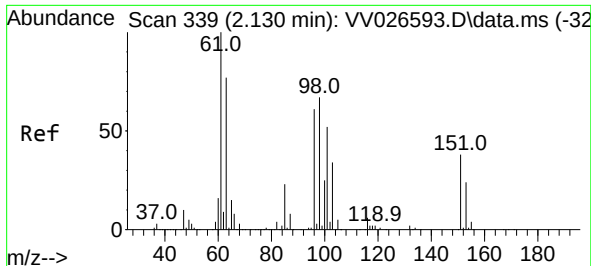
Tgt Ion: 64 Resp: 127302
Ion Ratio Lower Upper
64 100
66 32.2 21.6 40.0



#9
Trichlorofluoromethane
Concen: 45.717 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion:101 Resp: 246152
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

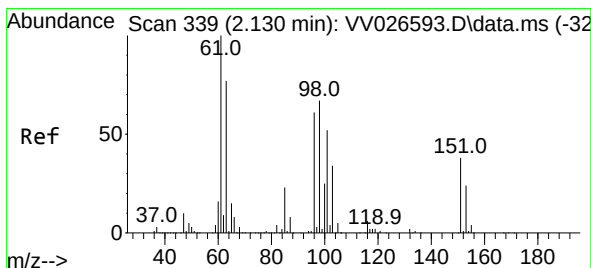
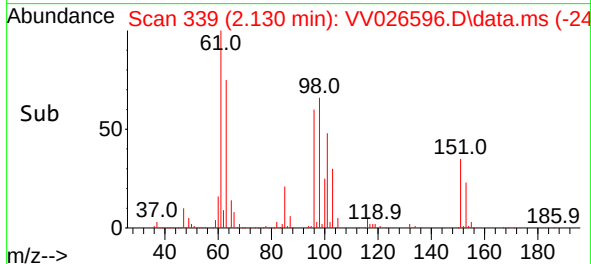
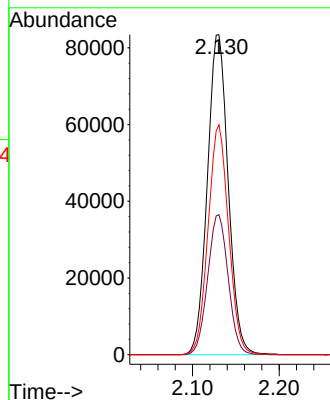
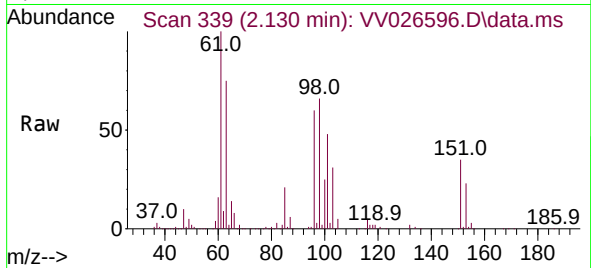




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.187 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV026596.D
 Acq: 29 Jun 2022 20:30

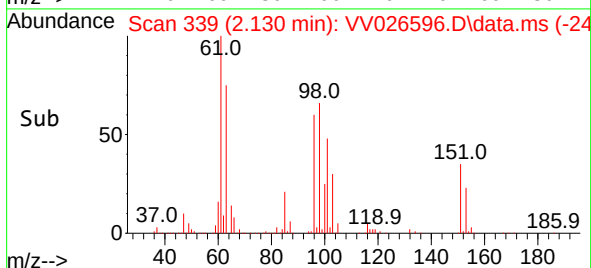
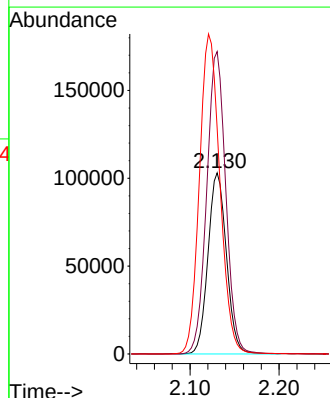
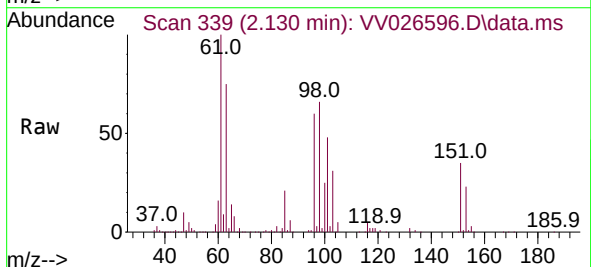
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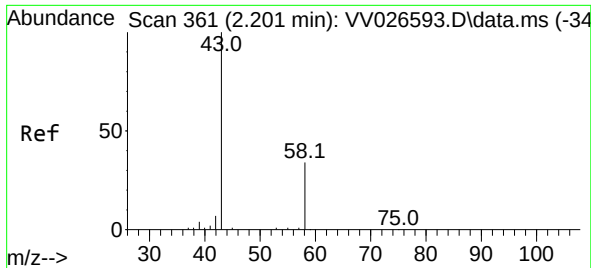
Tgt Ion:101 Resp: 139670
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.5 51.7
 151 70.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 47.549 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV026596.D
 Acq: 29 Jun 2022 20:30

Tgt Ion: 96 Resp: 148074
 Ion Ratio Lower Upper
 96 100
 61 167.0 114.9 213.5
 63 124.6 88.8 164.8





#13

Acetone

Concen: 92.046 ug/L

RT: 2.208 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

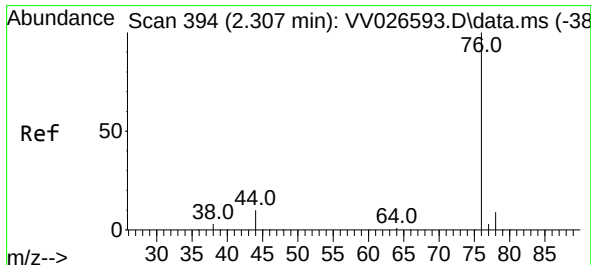
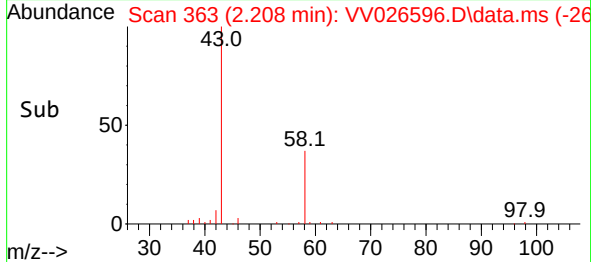
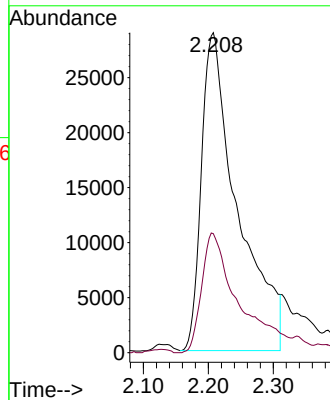
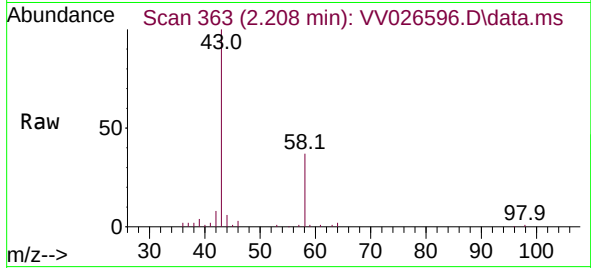
VICV230

Tgt Ion: 43 Resp: 111449

Ion Ratio Lower Upper

43 100

58 39.1 0.0 65.0



#14

Carbon disulfide

Concen: 48.115 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.000 min

Lab File: VV026596.D

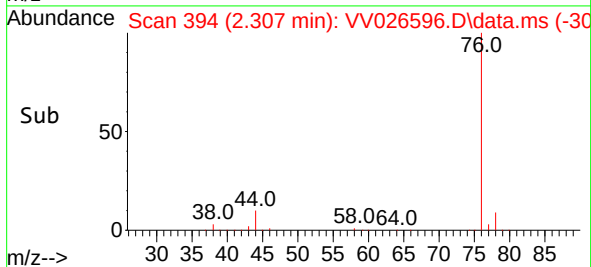
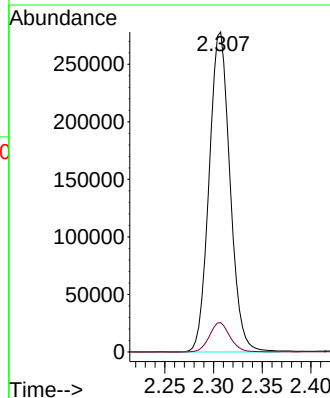
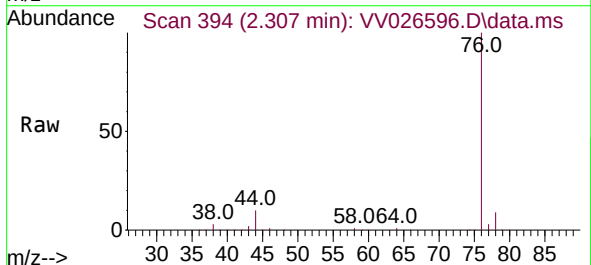
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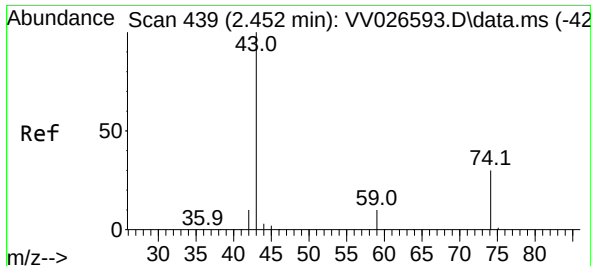
Tgt Ion: 76 Resp: 415513

Ion Ratio Lower Upper

76 100

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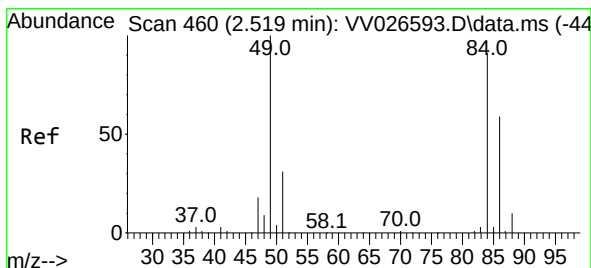
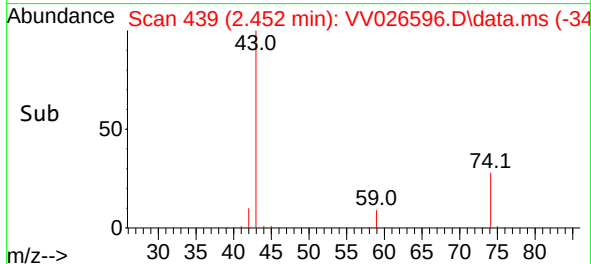
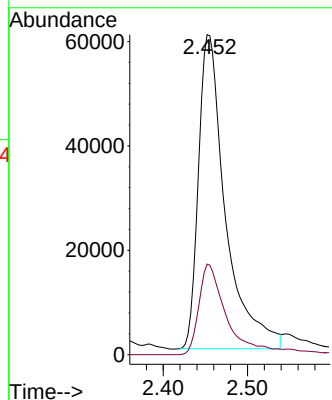
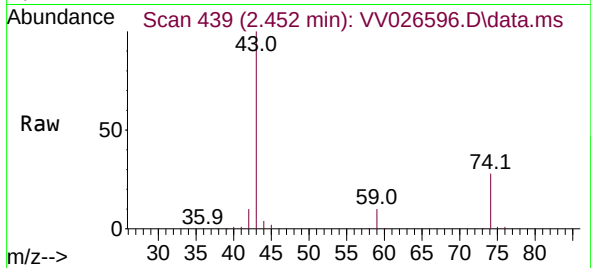




#15
Methyl Acetate
Concen: 52.816 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

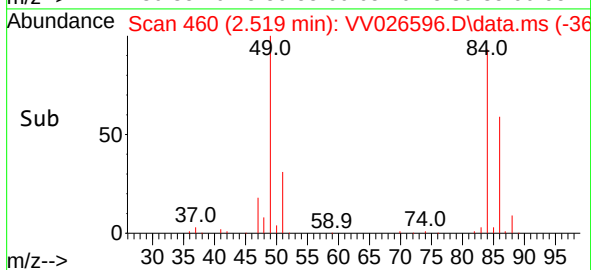
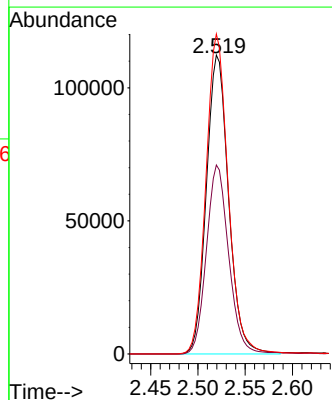
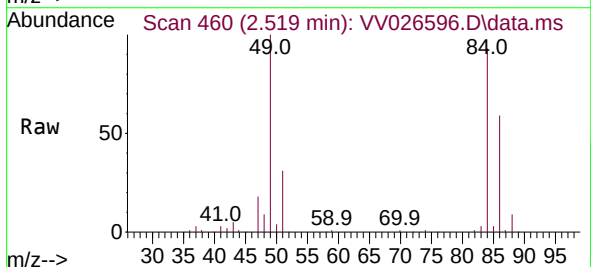
Instrument :
MSVOA_V
ClientSampleId :
VICV230

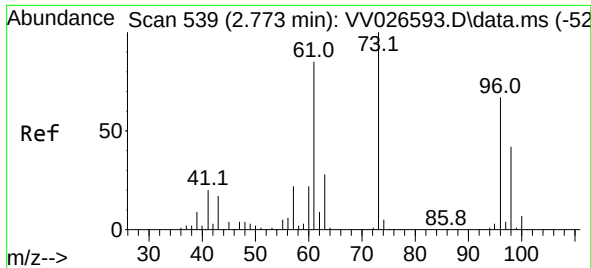
Tgt Ion: 43 Resp: 134324
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.4



#16
Methylene chloride
Concen: 50.300 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 84 Resp: 183886
Ion Ratio Lower Upper
84 100
86 63.2 45.4 84.2
49 107.1 76.5 142.1

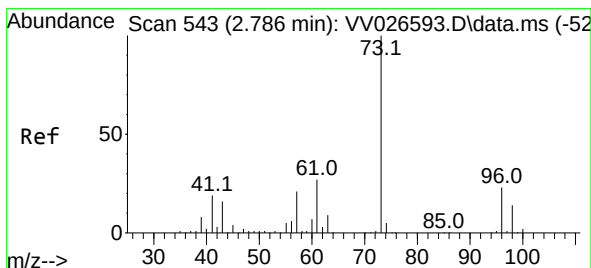
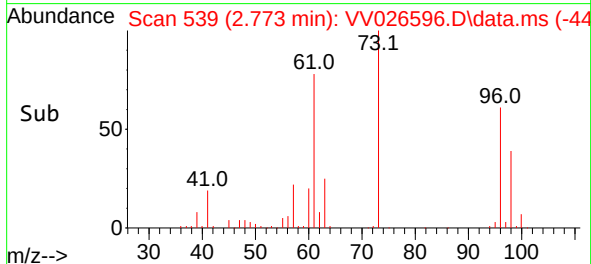
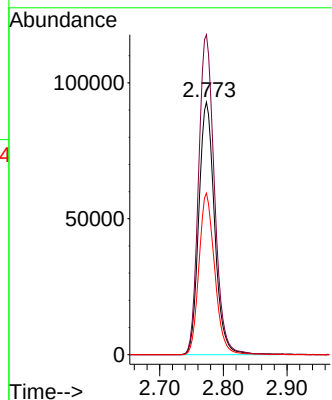
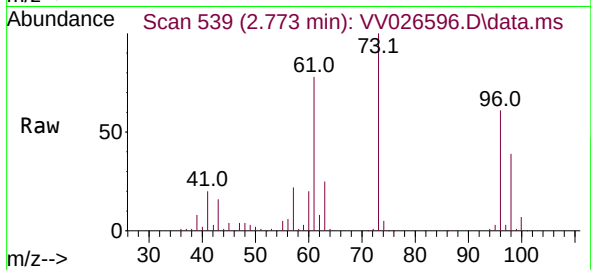




#17
trans-1,2-Dichloroethene
Concen: 49.862 ug/L
RT: 2.773 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

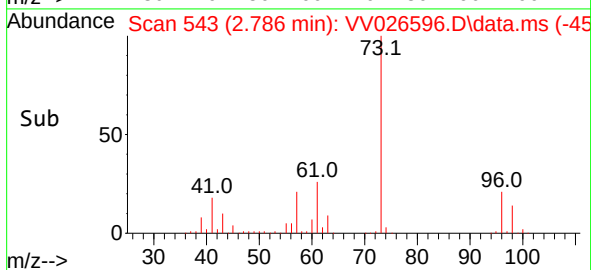
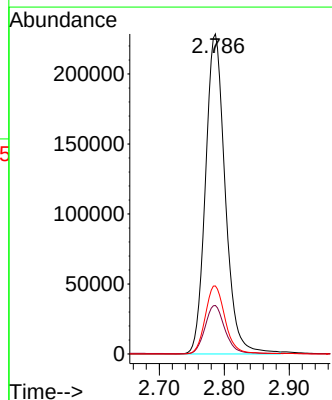
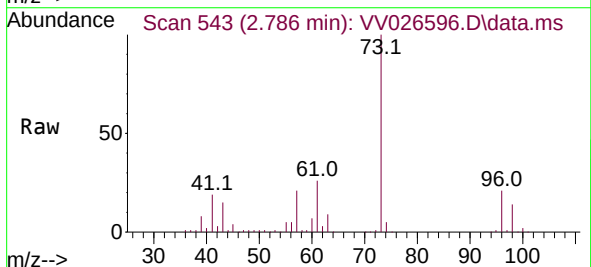
Instrument :
MSVOA_V
ClientSampleId :
VICV230

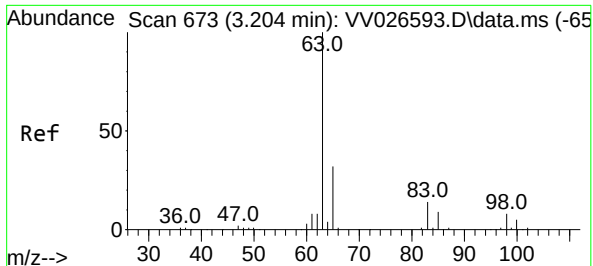
Tgt Ion: 96 Resp: 160200
Ion Ratio Lower Upper
96 100
61 126.7 88.4 164.2
98 64.0 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 53.544 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 73 Resp: 482478
Ion Ratio Lower Upper
73 100
43 15.2 12.7 19.1
57 21.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 50.507 ug/L

RT: 3.201 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

VICV230

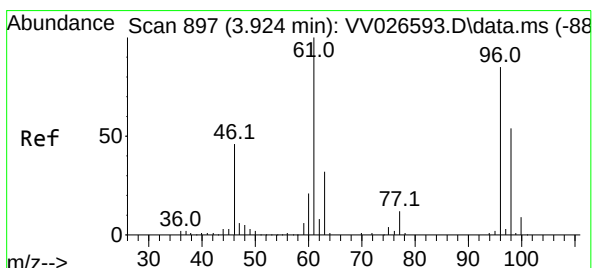
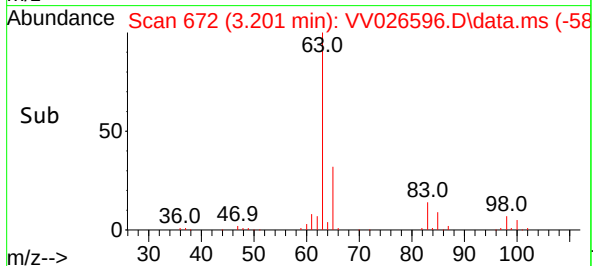
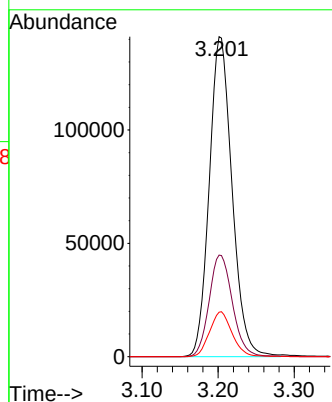
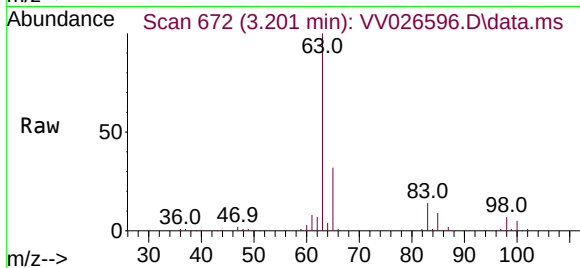
Tgt Ion: 63 Resp: 293757

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 51.814 ug/L

RT: 3.925 min Scan# 897

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

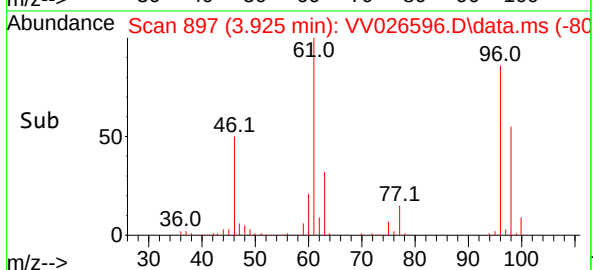
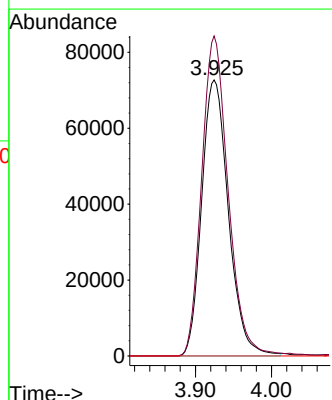
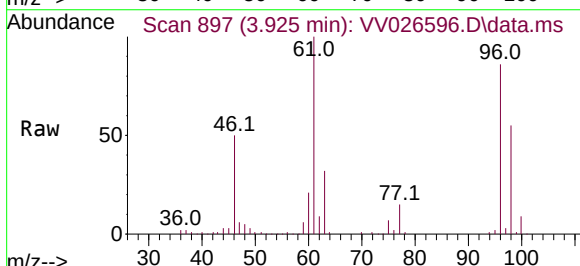
Tgt Ion: 96 Resp: 177858

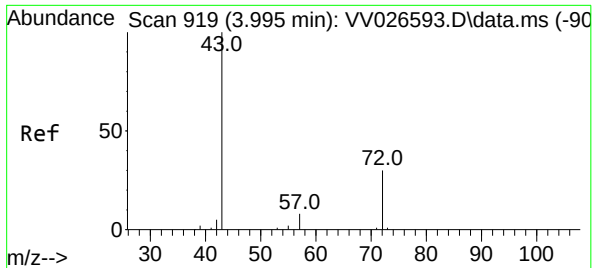
Ion Ratio Lower Upper

96 100

61 115.9 82.6 153.4

68 0.0 0.0 0.0

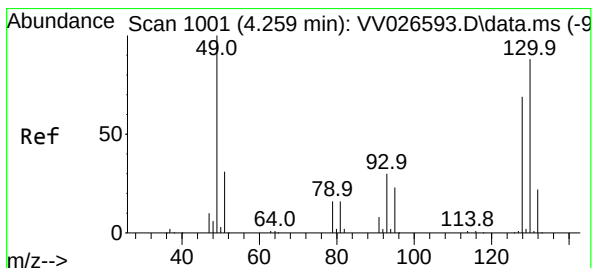
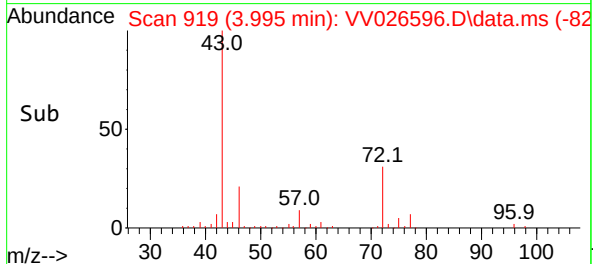
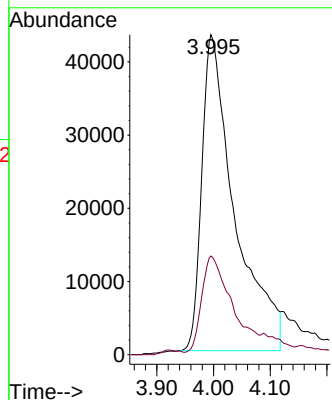
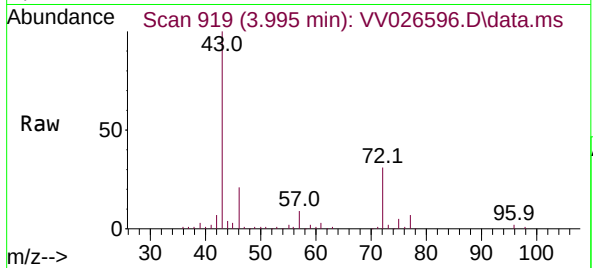




#22
2-Butanone
Concen: 107.317 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

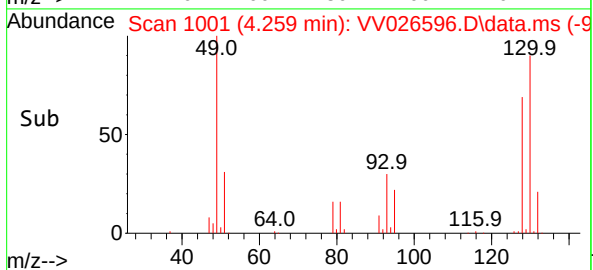
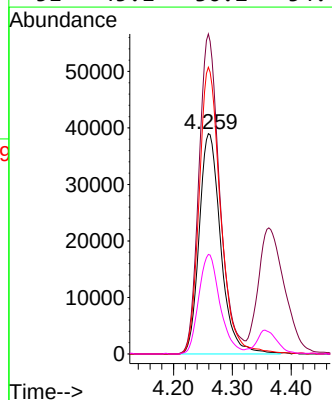
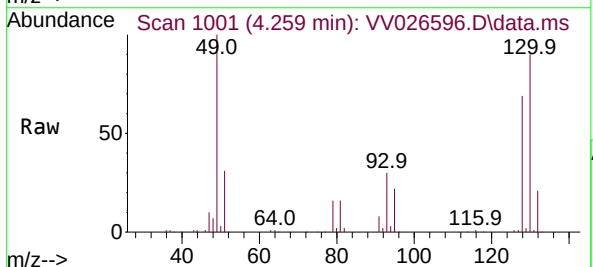
Instrument :
MSVOA_V
ClientSampleId :
VICV230

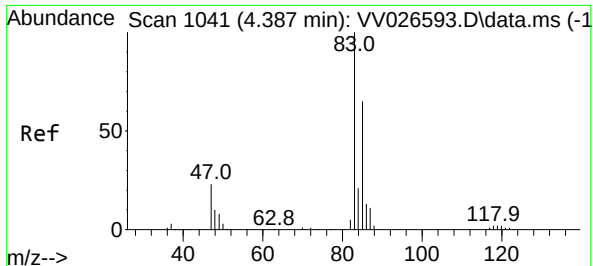
Tgt Ion: 43 Resp: 174118
Ion Ratio Lower Upper
43 100
72 25.0 14.2 42.8



#23
Bromochloromethane
Concen: 50.929 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion:128 Resp: 98880
Ion Ratio Lower Upper
128 100
49 145.2 102.3 190.1
130 130.1 90.2 167.6
51 45.1 36.2 54.4





#25

Chloroform

Concen: 50.744 ug/L

RT: 4.384 min Scan# 1041

Delta R.T. -0.003 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

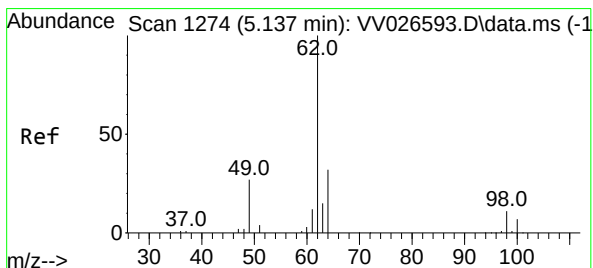
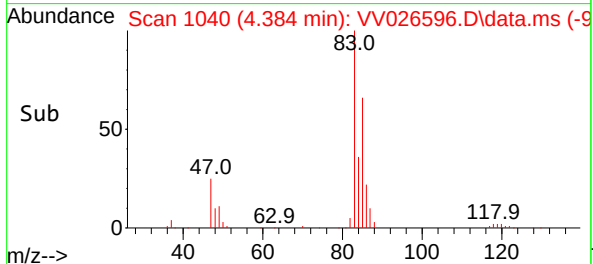
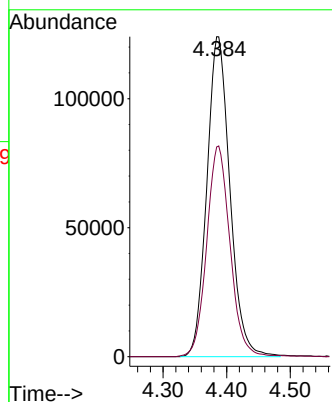
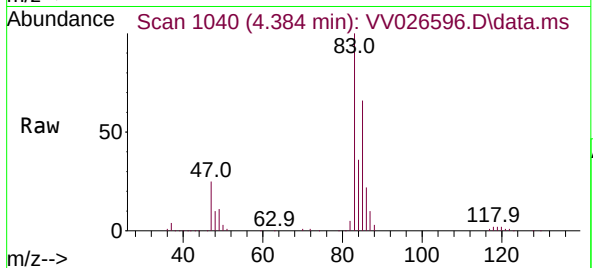
VICV230

Tgt Ion: 83 Resp: 312345

Ion Ratio Lower Upper

83 100

85 65.5 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52.373 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026596.D

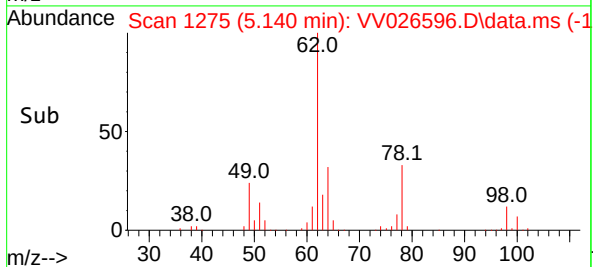
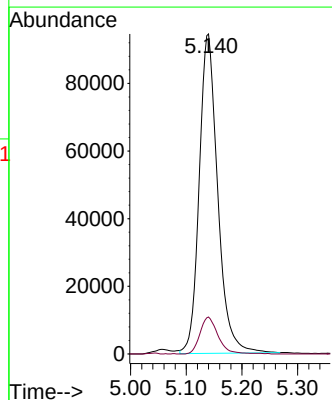
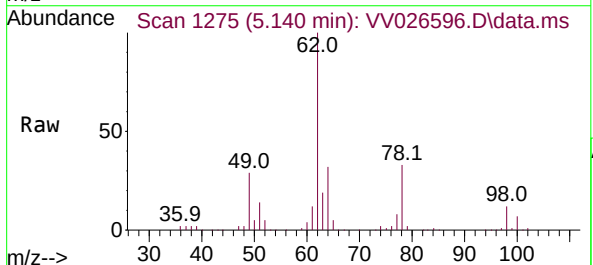
Acq: 29 Jun 2022 20:30

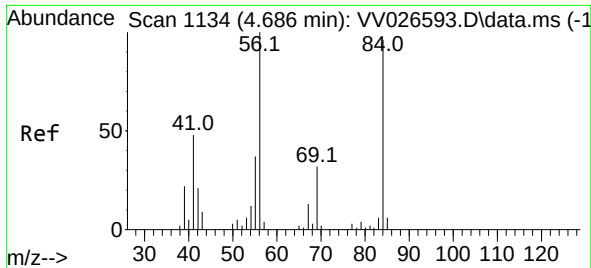
Tgt Ion: 62 Resp: 217867

Ion Ratio Lower Upper

62 100

98 11.5 8.8 13.2

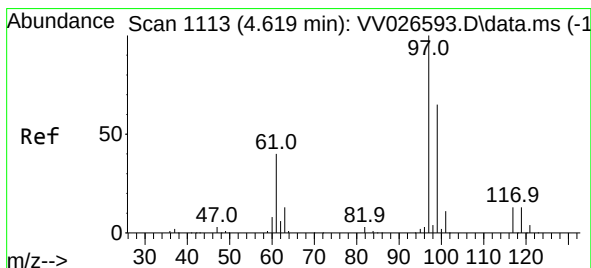
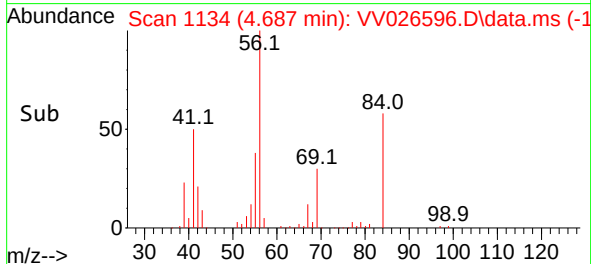
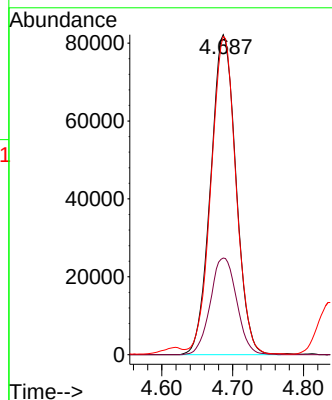
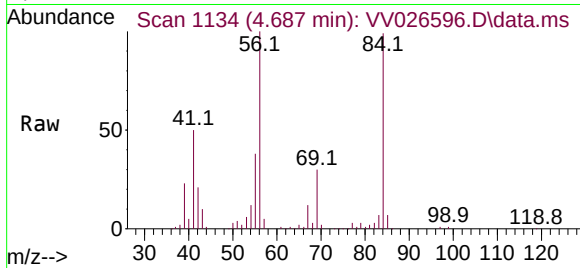




#29
Cyclohexane
Concen: 48.674 ug/L
RT: 4.687 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

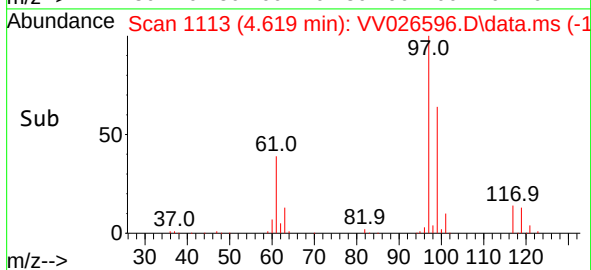
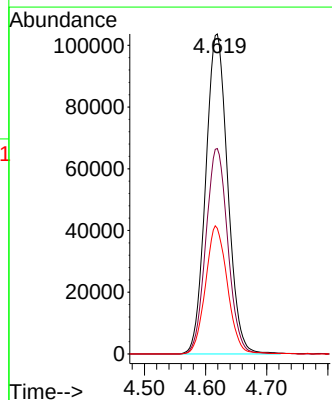
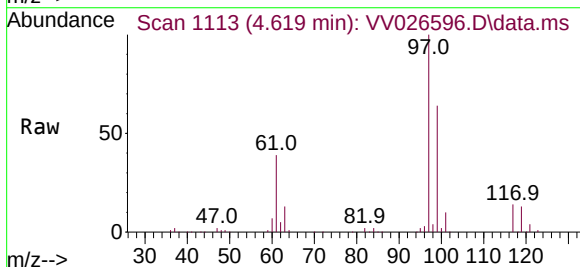
Instrument :
MSVOA_V
ClientSampleId :
VICV230

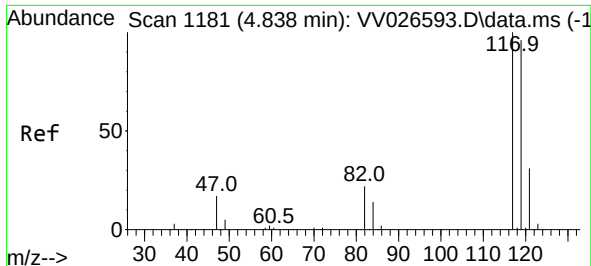
Tgt Ion:	56	Resp:	203571
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.9	38.9
84	97.3	77.8	116.8



#30
1,1,1-Trichloroethane
Concen: 50.406 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion:	97	Resp:	259141
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	39.6	31.8	47.6

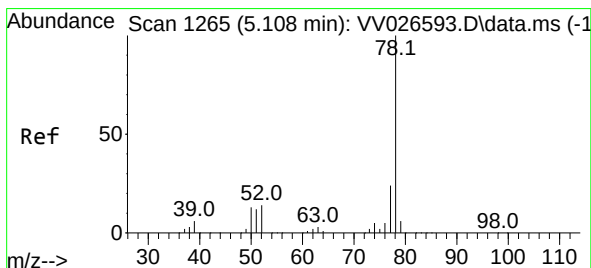
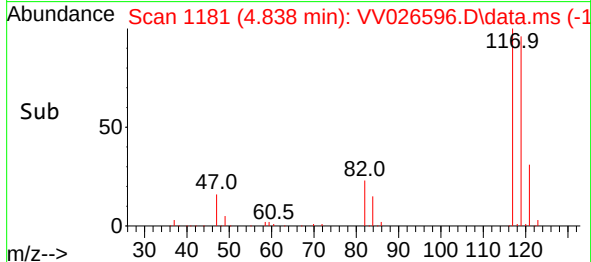
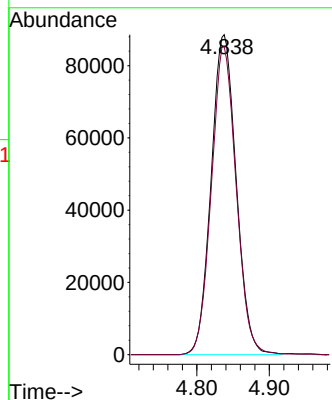
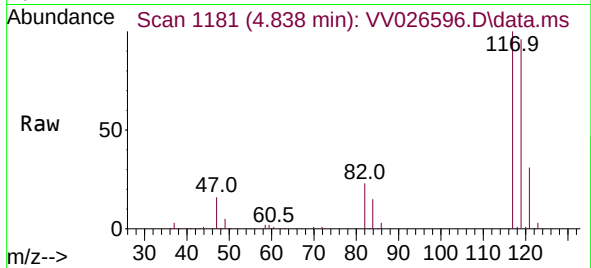




#31
Carbon tetrachloride
Concen: 49.283 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

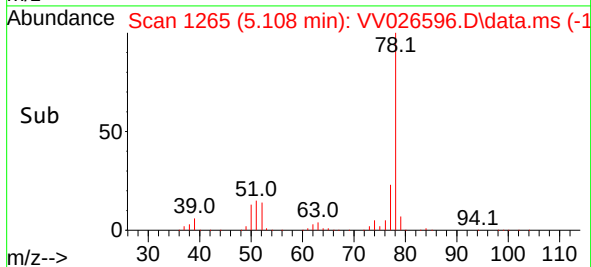
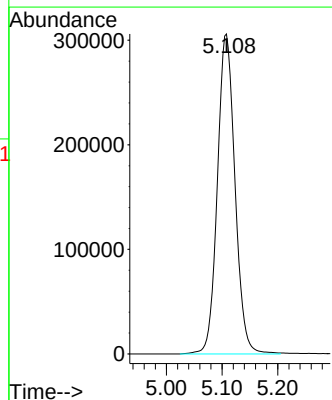
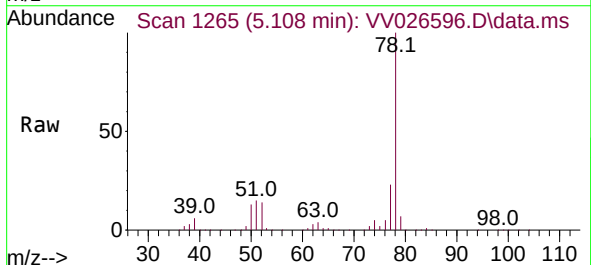
Instrument :
MSVOA_V
ClientSampleId :
VICV230

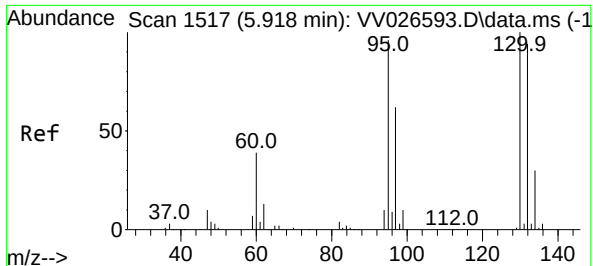
Tgt Ion:117 Resp: 212745
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 52.732 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 78 Resp: 672848



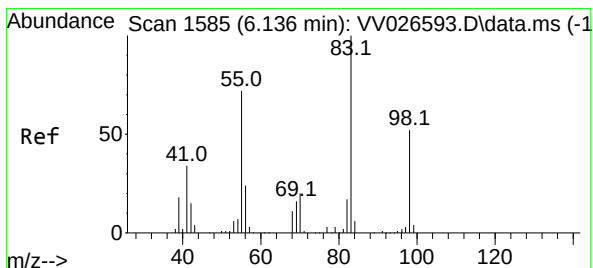
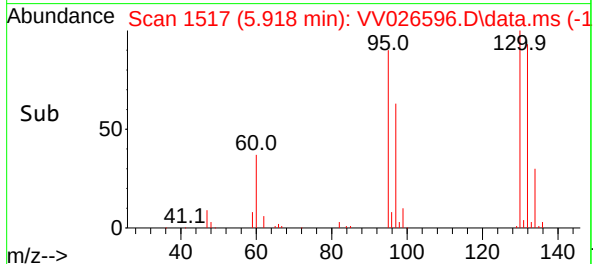
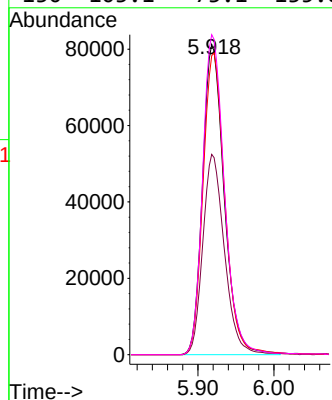
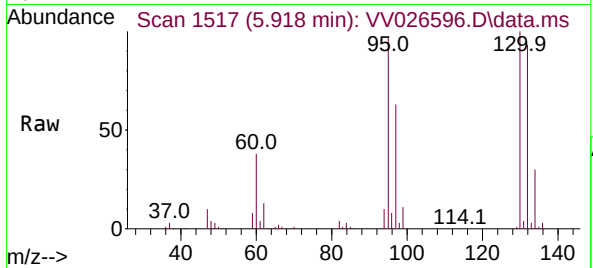


#34
Trichloroethene
Concen: 49.893 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
VICV230

Tgt Ion: 95 Resp: 160678

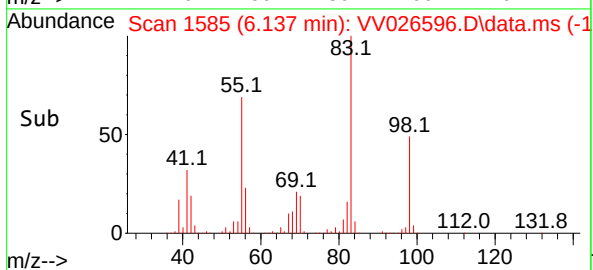
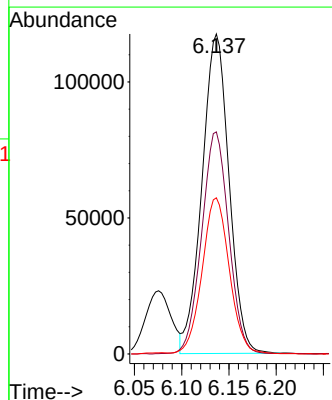
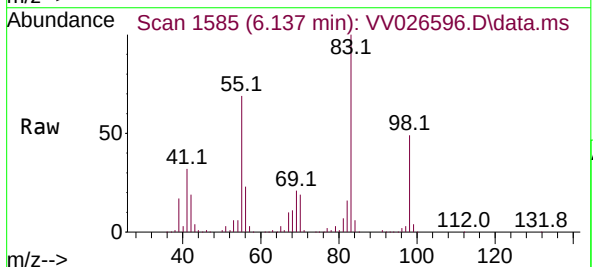
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.0	83.6
132	96.4	69.0	128.2
130	103.1	73.1	135.8

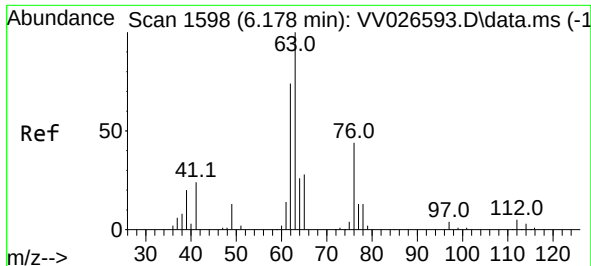


#35
Methylcyclohexane
Concen: 47.644 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 83 Resp: 233749

Ion	Ratio	Lower	Upper
83	100		
55	69.8	55.6	83.4
98	49.1	39.8	59.6





#37

1,2-Dichloropropane

Concen: 52.136 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

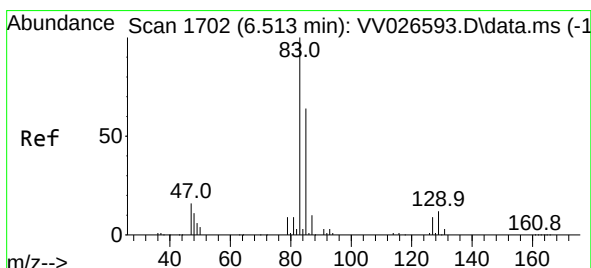
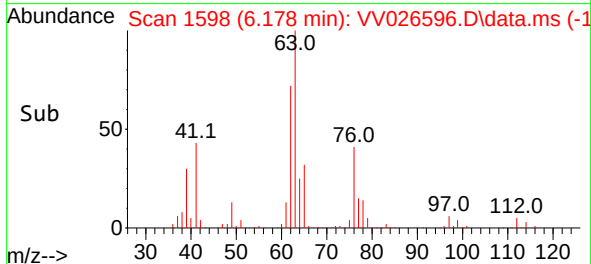
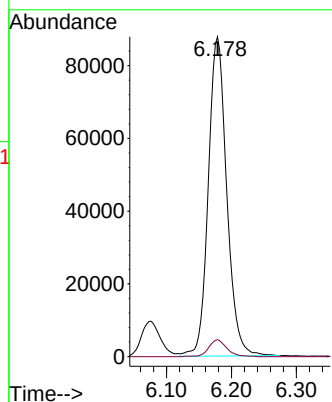
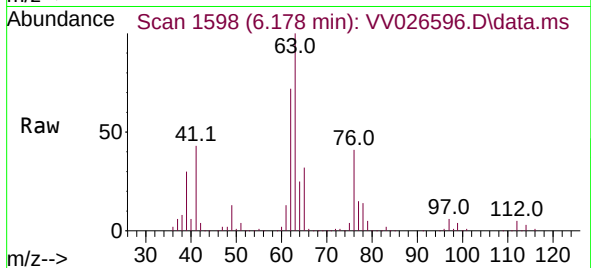
VICV230

Tgt Ion: 63 Resp: 173278

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 53.231 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

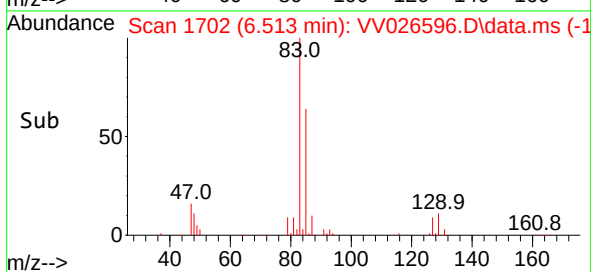
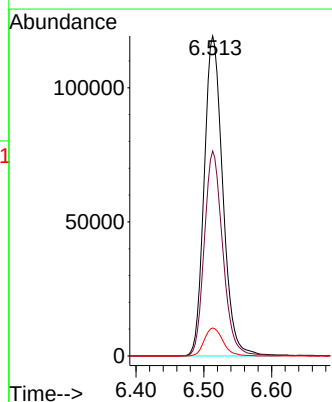
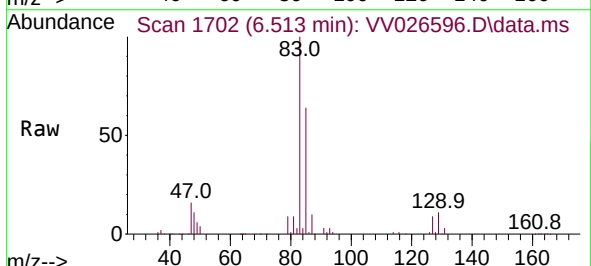
Tgt Ion: 83 Resp: 227347

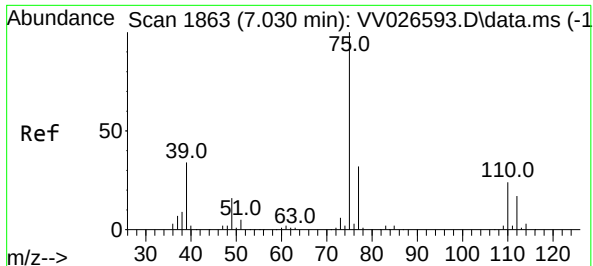
Ion Ratio Lower Upper

83 100

85 64.0 44.6 82.8

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 54.842 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

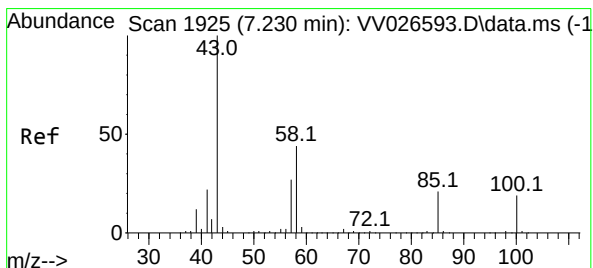
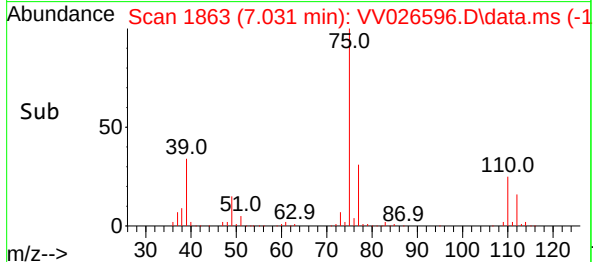
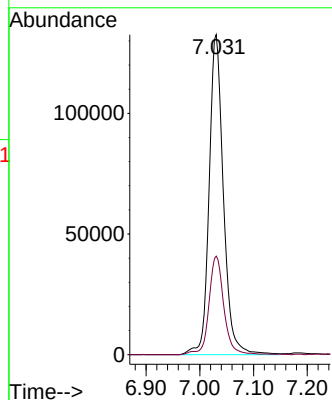
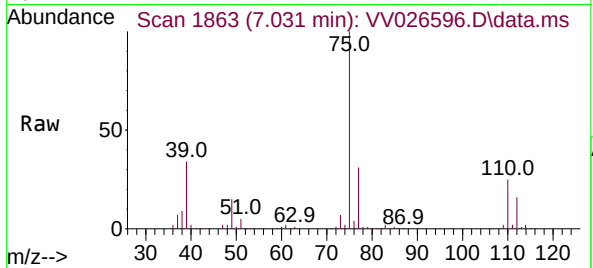
VICV230

Tgt Ion: 75 Resp: 245442

Ion Ratio Lower Upper

75 100

77 30.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 115.514 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

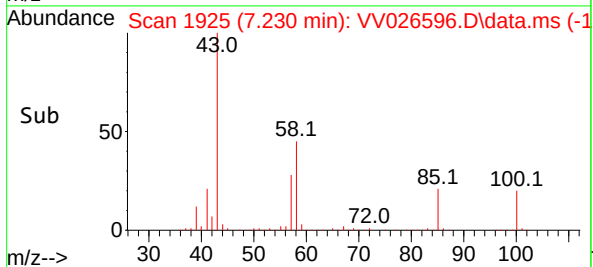
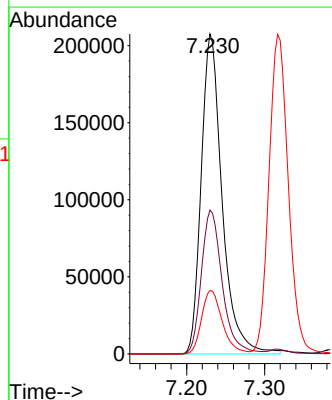
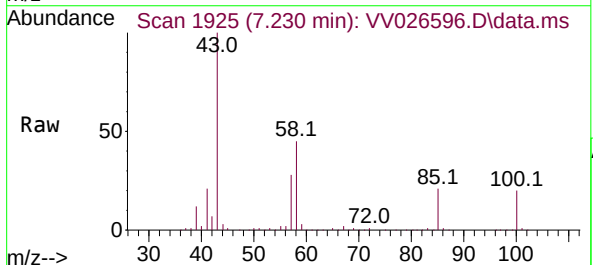
Tgt Ion: 43 Resp: 387511

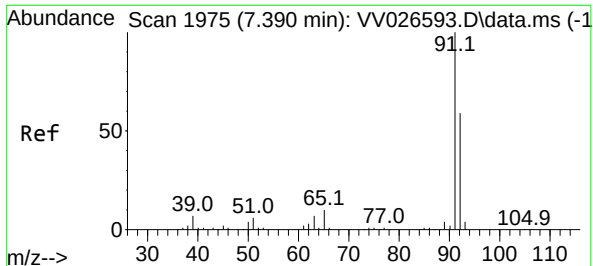
Ion Ratio Lower Upper

43 100

58 44.8 35.8 53.6

100 19.7 15.4 23.0





#42

Toluene

Concen: 52.953 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

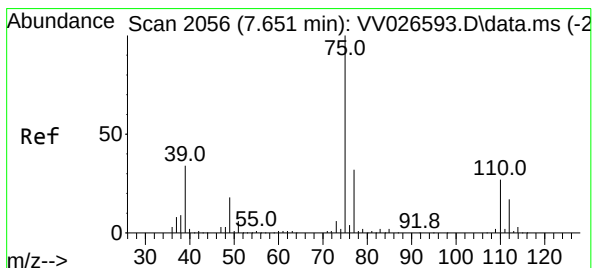
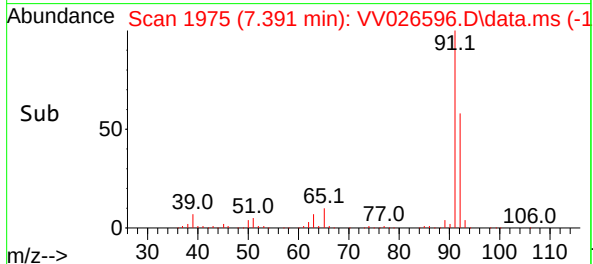
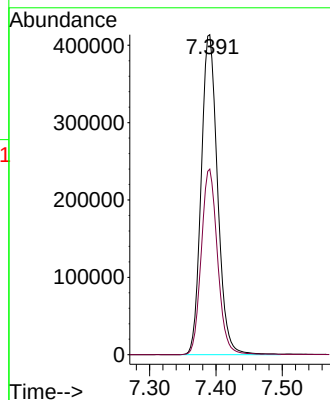
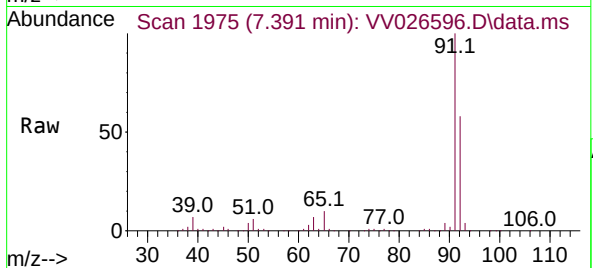
VICV230

Tgt Ion: 91 Resp: 708364

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 55.382 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV026596.D

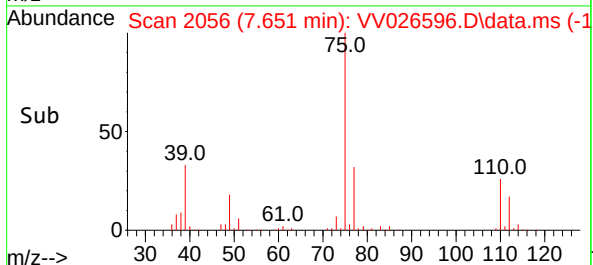
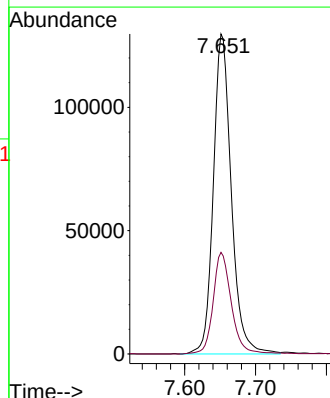
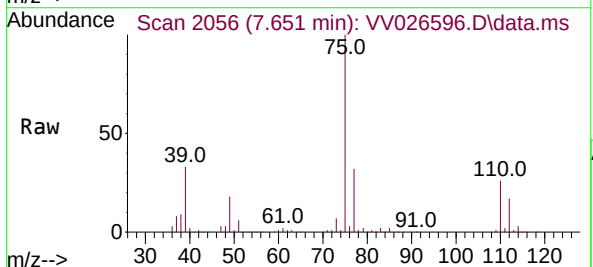
Acq: 29 Jun 2022 20:30

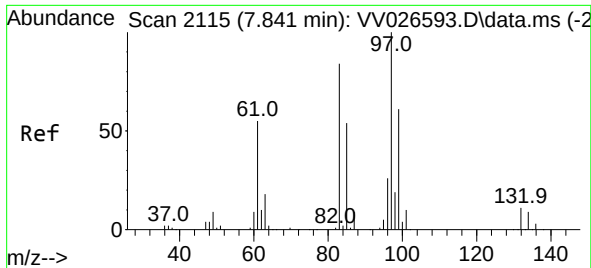
Tgt Ion: 75 Resp: 228568

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0



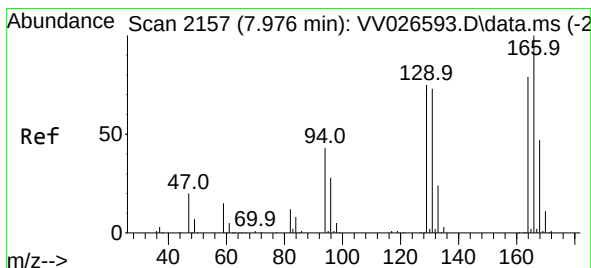
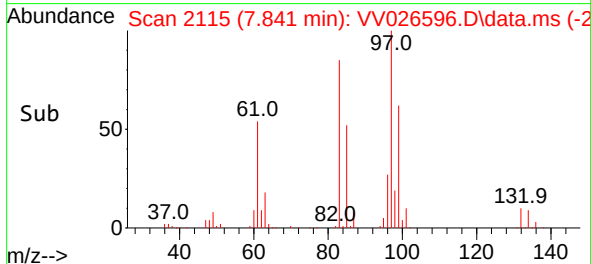
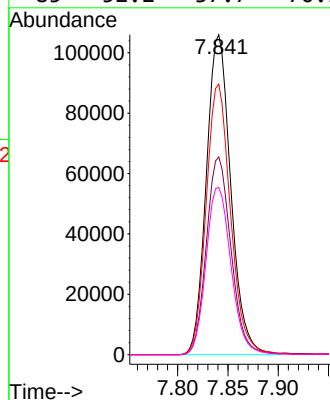
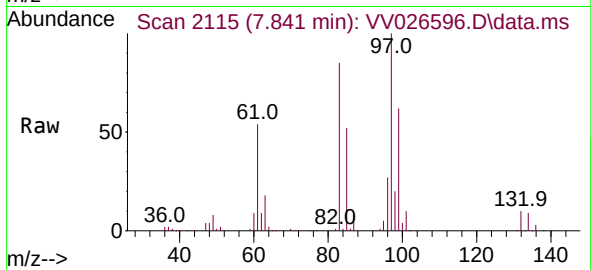


#45
1,1,2-Trichloroethane
Concen: 53.128 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
VICV230

Tgt Ion: 97 Resp: 179233

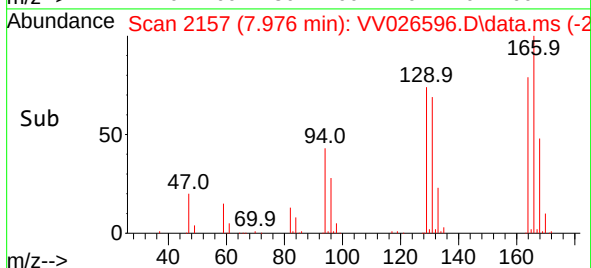
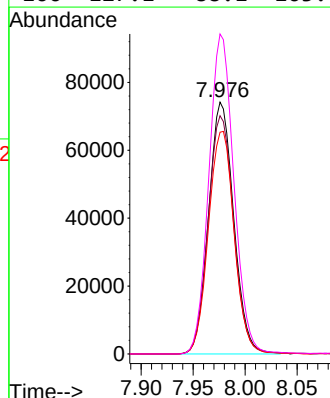
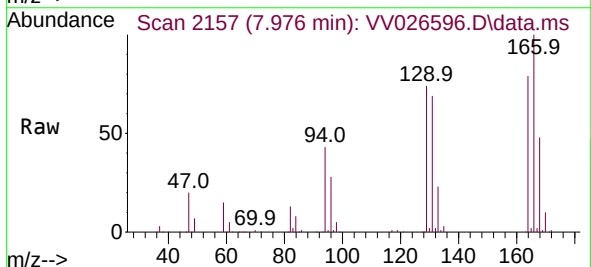
Ion	Ratio	Lower	Upper
97	100		
99	61.8	42.8	79.6
83	84.6	59.1	109.7
85	52.2	37.7	70.1

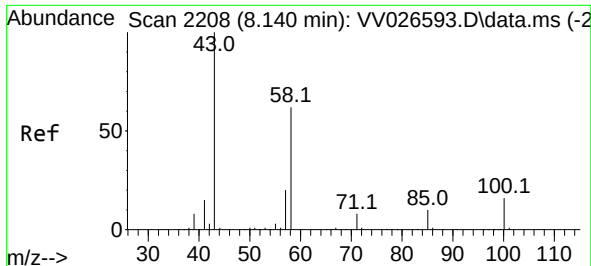


#46
Tetrachloroethene
Concen: 48.026 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 164 Resp: 124992

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.1	122.8
131	88.1	64.2	119.2
166	127.1	88.1	163.7



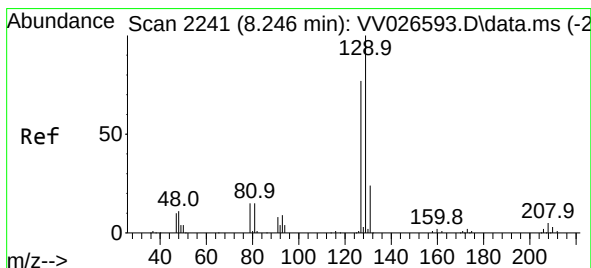
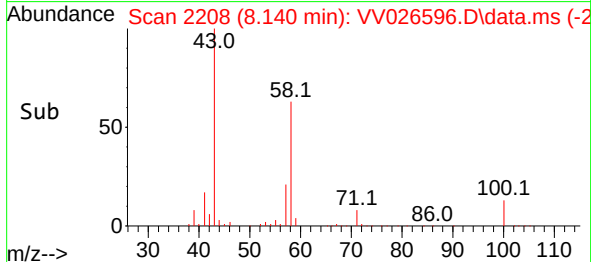
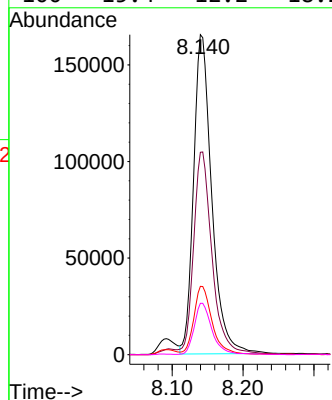
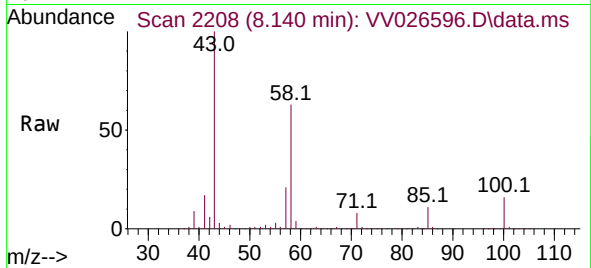


#48
2-Hexanone
Concen: 116.953 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Instrument :
MSVOA_V
ClientSampleId :
VICV230

Tgt Ion: 43 Resp: 295357

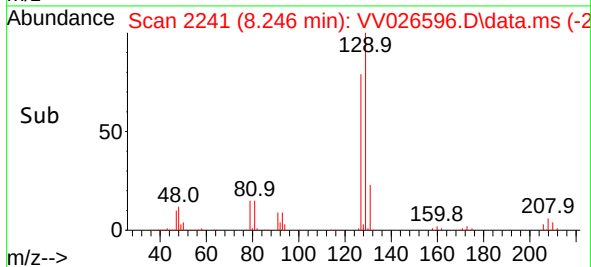
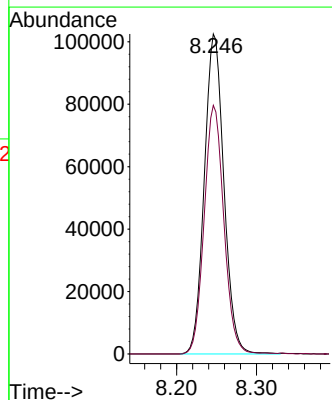
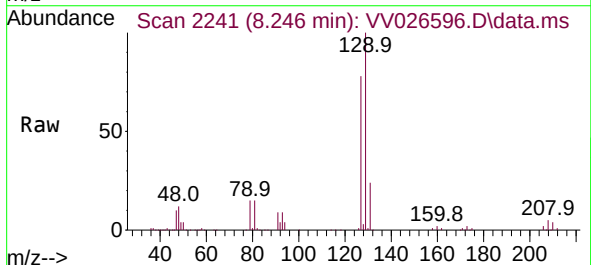
Ion	Ratio	Lower	Upper
43	100		
58	63.2	49.2	73.8
57	21.1	16.5	24.7
100	15.4	12.2	18.2

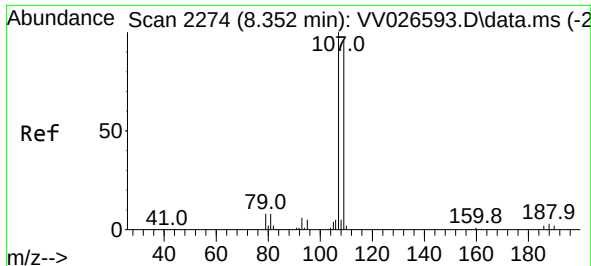


#49
Dibromochloromethane
Concen: 53.817 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 129 Resp: 174762

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.1	100.5





#50

1,2-Dibromoethane

Concen: 53.545 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

VICV230

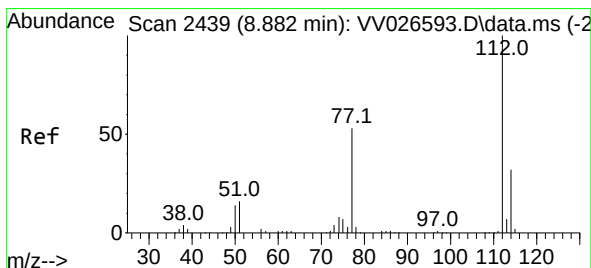
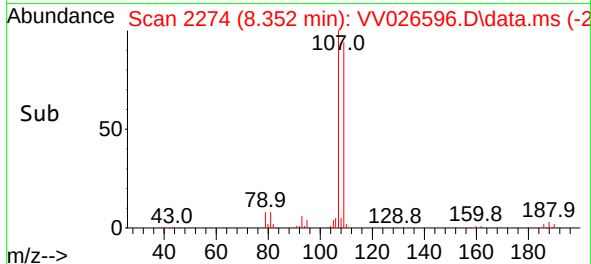
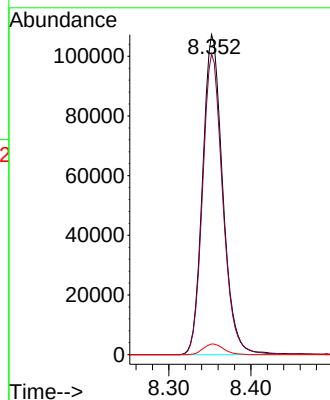
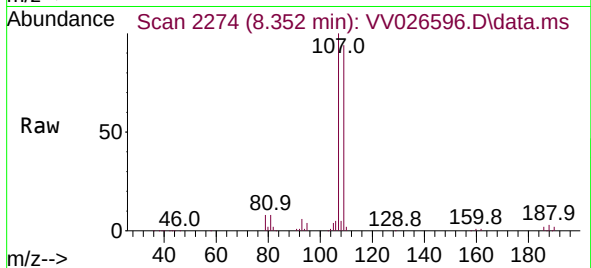
Tgt Ion:107 Resp: 183318

Ion Ratio Lower Upper

107 100

109 94.0 67.3 125.1

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 50.246 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

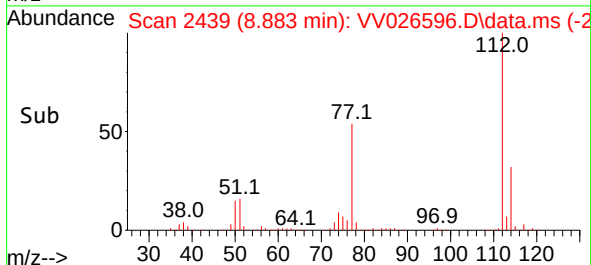
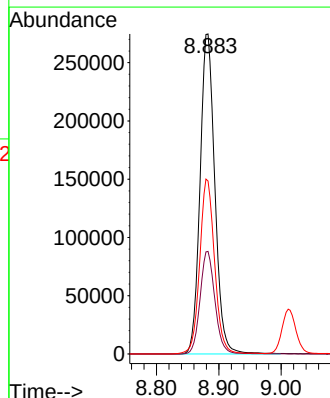
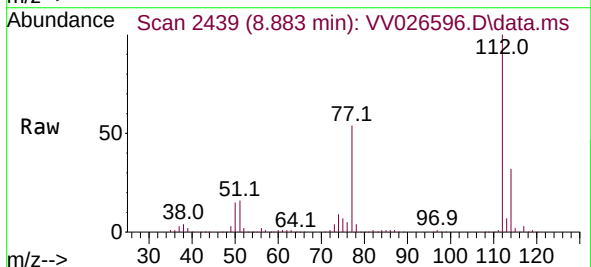
Tgt Ion:112 Resp: 453633

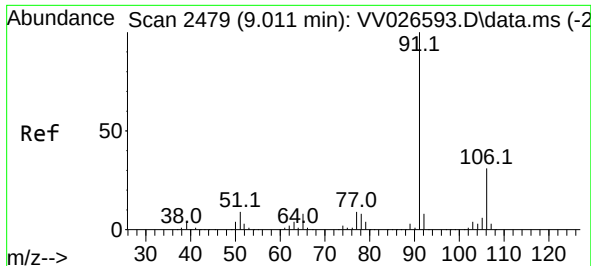
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 54.1 42.4 63.6

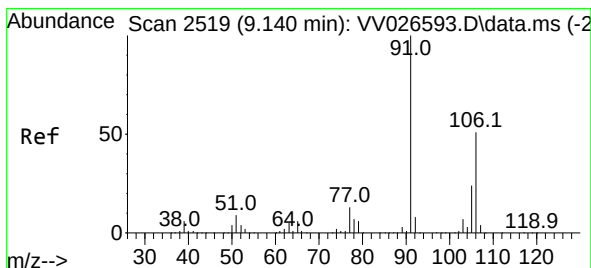
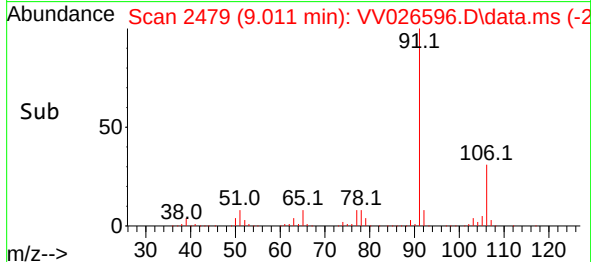
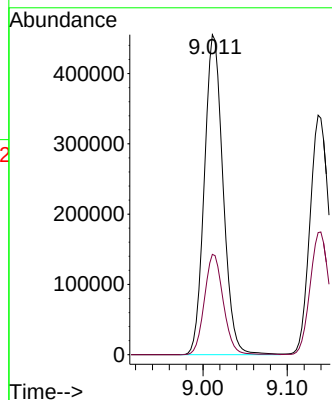
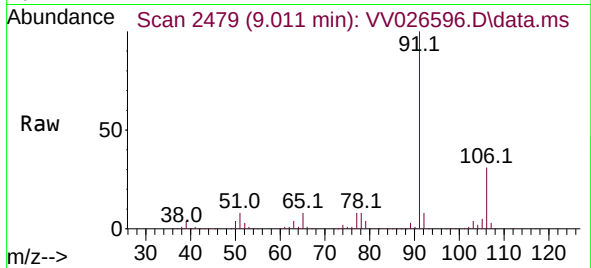




#52
Ethylbenzene
Concen: 51.725 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

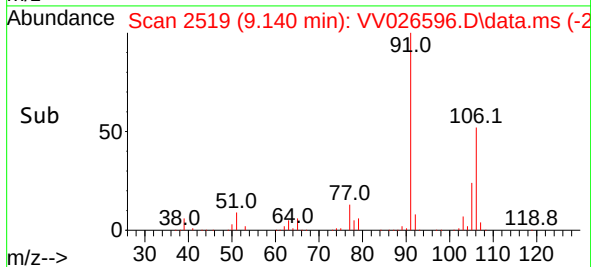
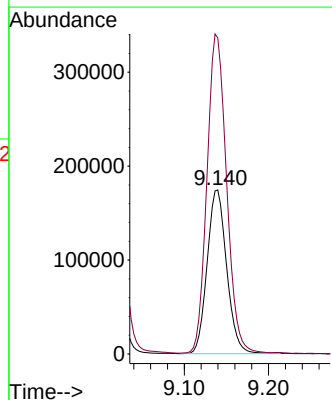
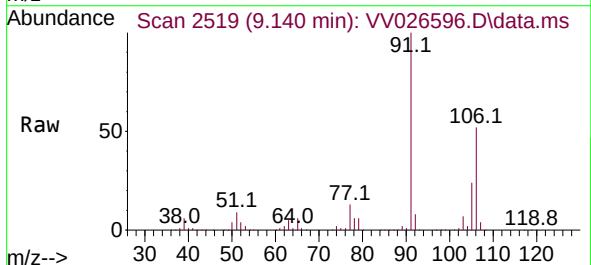
Instrument :
MSVOA_V
ClientSampleId :
VICV230

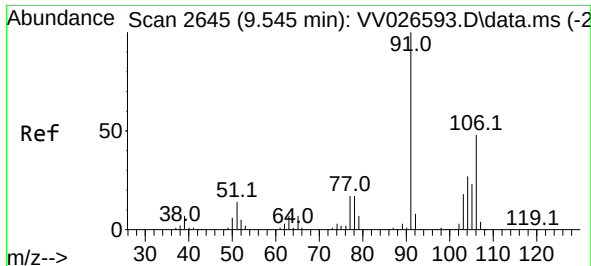
Tgt Ion: 91 Resp: 704430
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 52.712 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 106 Resp: 281350
Ion Ratio Lower Upper
106 100
91 192.6 136.5 253.5

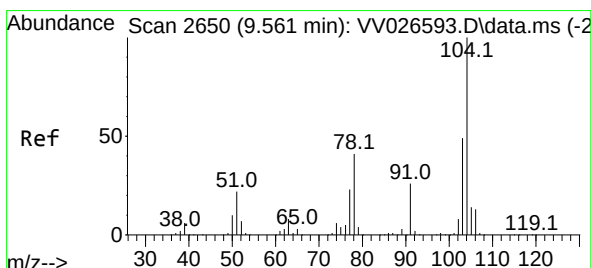
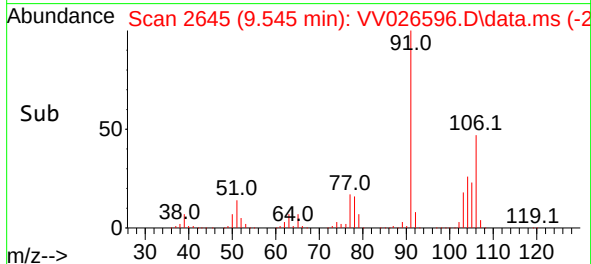
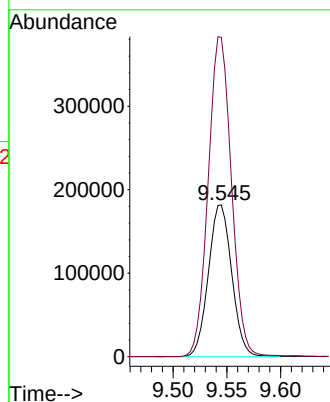
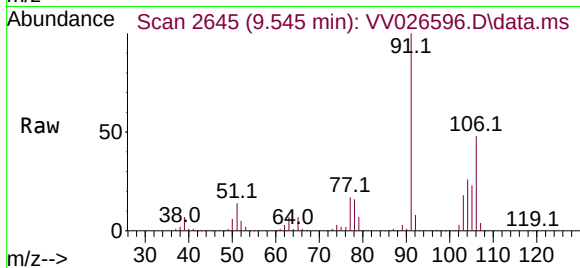




#54
o-Xylene
Concen: 53.219 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

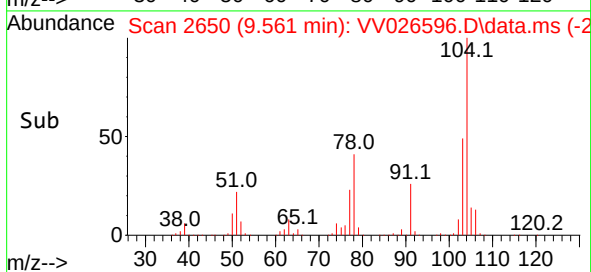
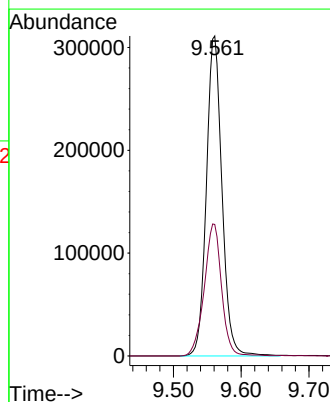
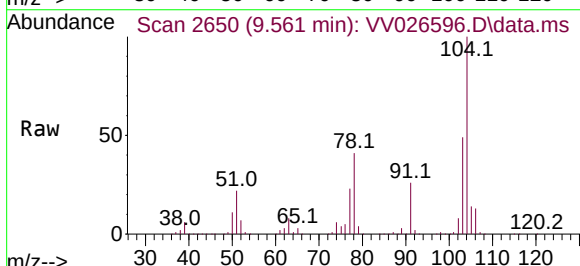
Instrument : MSVOA_V
ClientSampleId : VICV230

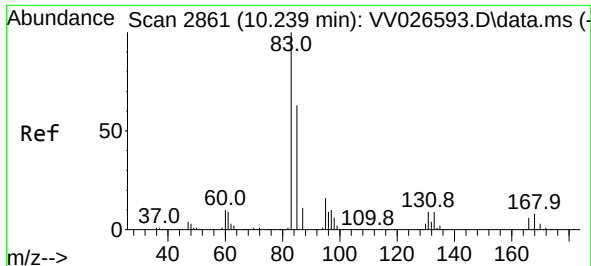
Tgt Ion:106 Resp: 275045
Ion Ratio Lower Upper
106 100
91 210.5 145.3 269.9



#55
Styrene
Concen: 55.283 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion:104 Resp: 497263
Ion Ratio Lower Upper
104 100
78 41.1 28.5 52.9

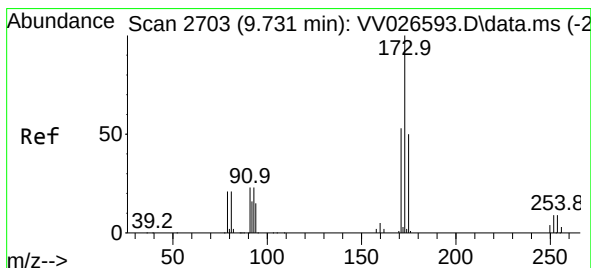
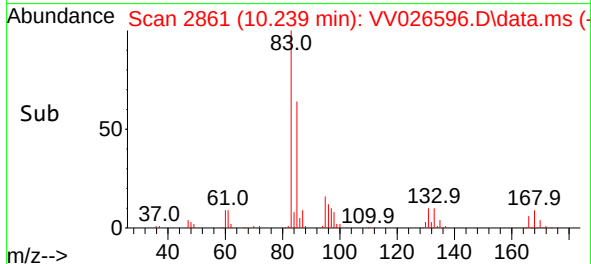
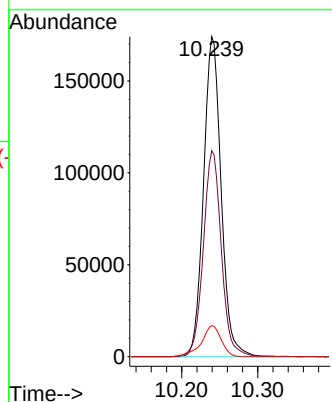
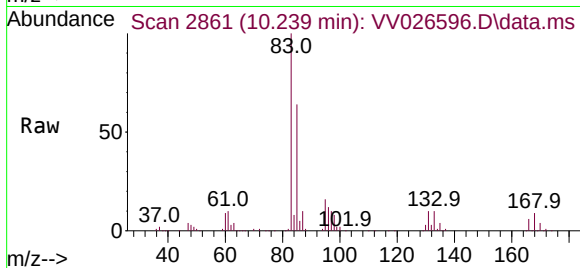




#57
1,1,2,2-Tetrachloroethane
Concen: 53.279 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

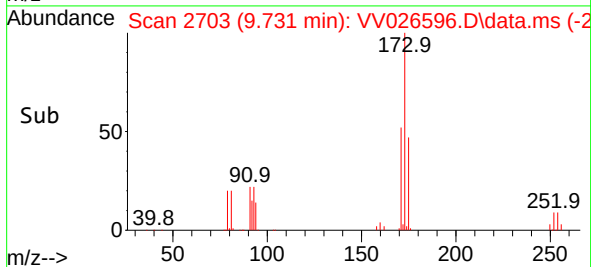
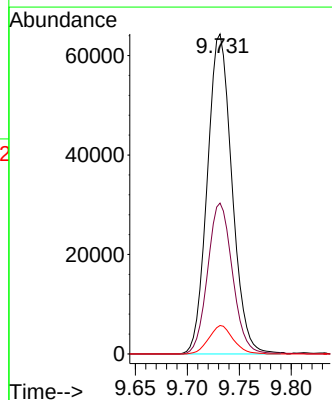
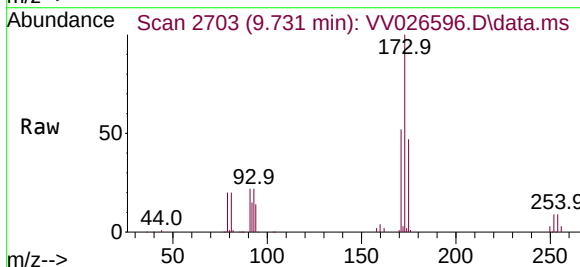
Instrument :
MSVOA_V
ClientSampleId :
VICV230

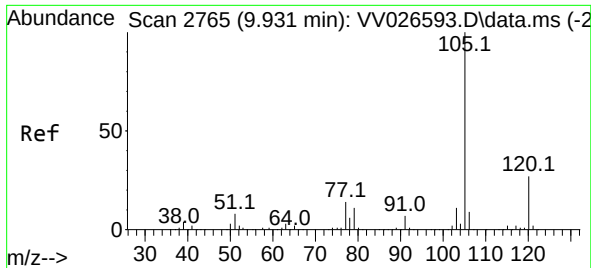
Tgt Ion: 83 Resp: 279743
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
131 9.7 7.6 11.4



#59
Bromoform
Concen: 55.765 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 173 Resp: 106145
Ion Ratio Lower Upper
173 100
175 47.4 39.1 58.7
254 8.8 7.1 10.7

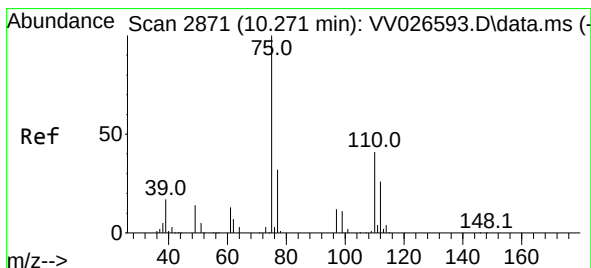
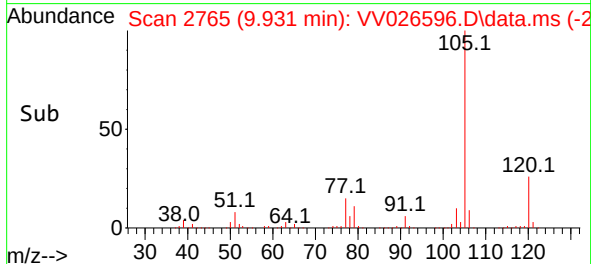
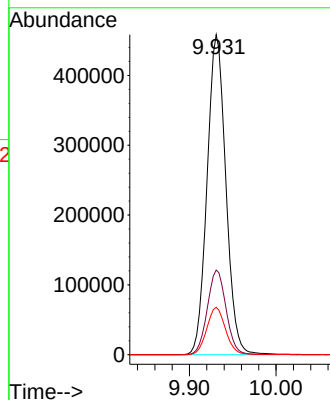
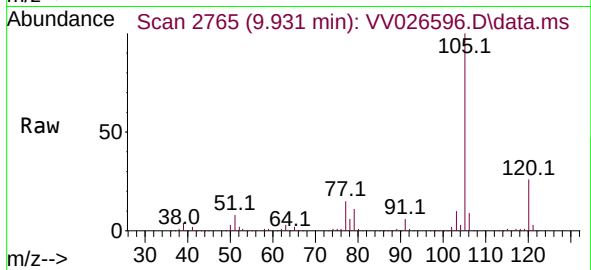




#60
Isopropylbenzene
Concen: 52.391 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

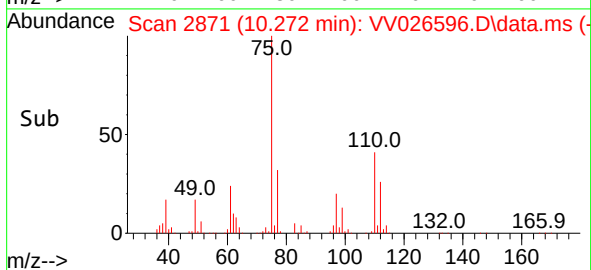
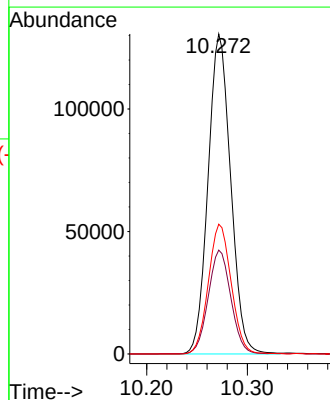
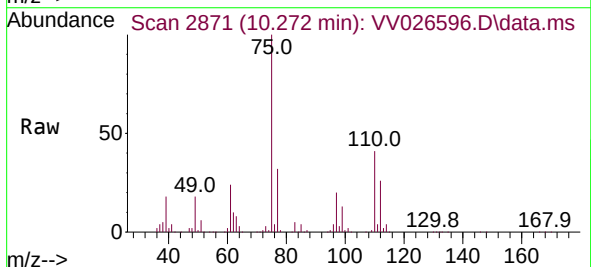
Instrument :
MSVOA_V
ClientSampleId :
VICV230

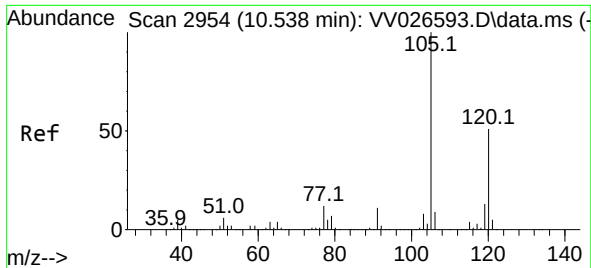
Tgt Ion:105 Resp: 689995
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 14.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 52.603 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion: 75 Resp: 203693
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 41.1 32.8 49.2

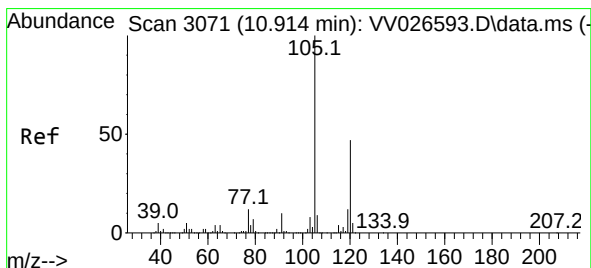
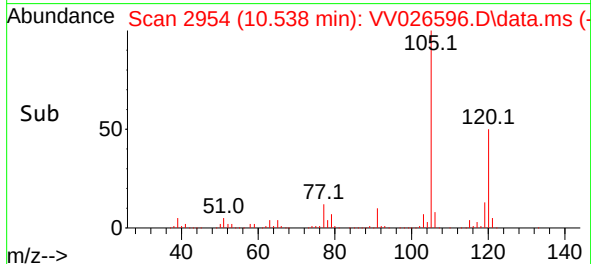
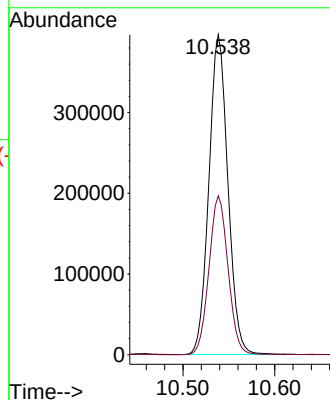
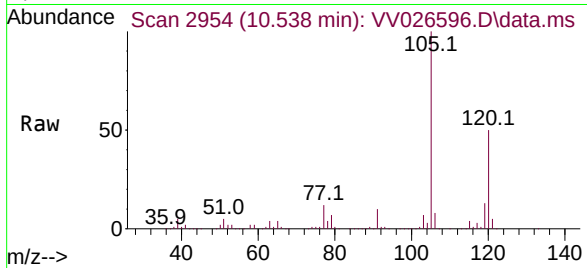




#62
1,3,5-Trimethylbenzene
Concen: 53.372 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

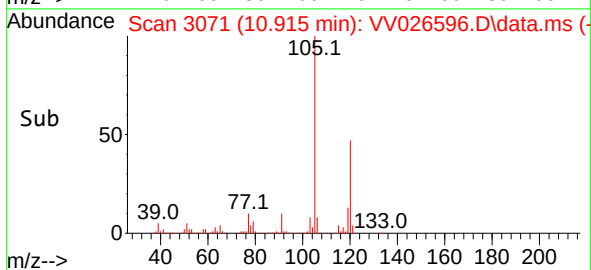
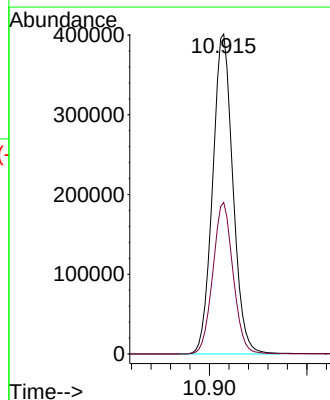
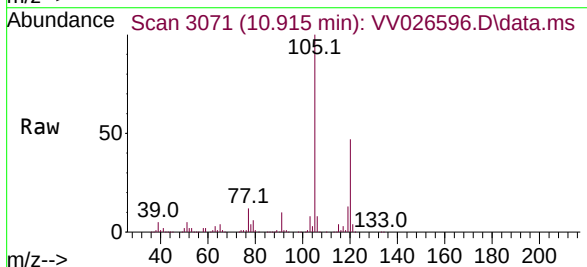
Instrument :
MSVOA_V
ClientSampleId :
VICV230

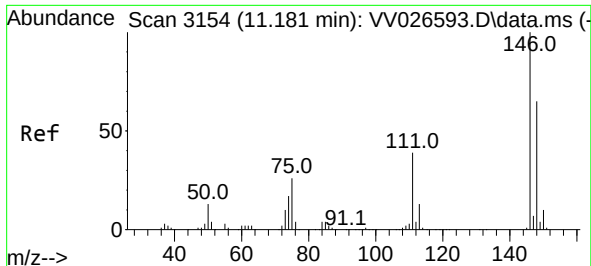
Tgt Ion:105 Resp: 570119
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 54.474 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion:105 Resp: 579397
Ion Ratio Lower Upper
105 100
120 47.4 37.5 56.3

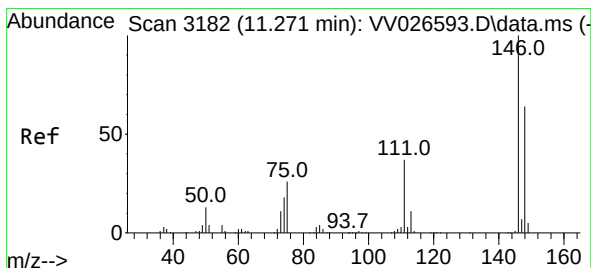
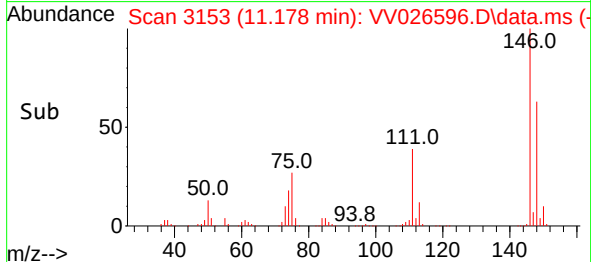
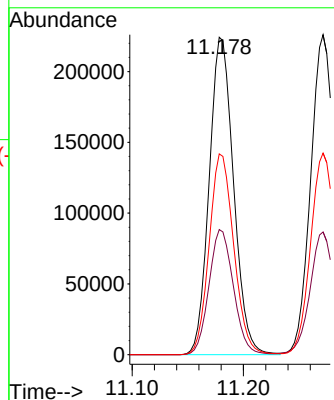
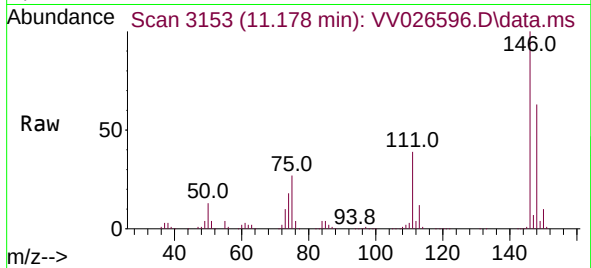




#64
1,3-Dichlorobenzene
Concen: 51.128 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

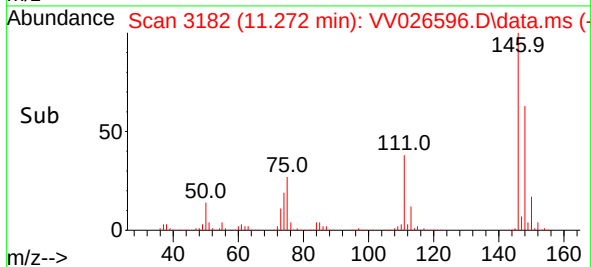
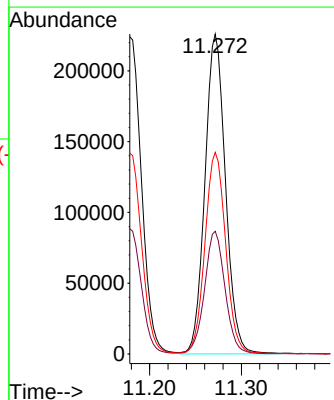
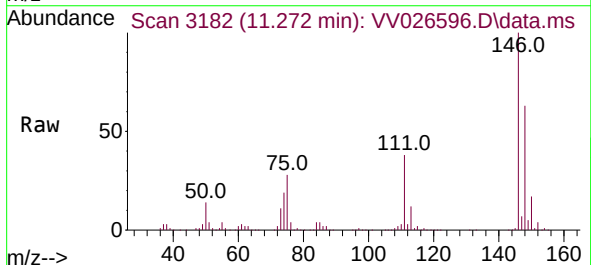
Instrument :
MSVOA_V
ClientSampleId :
VICV230

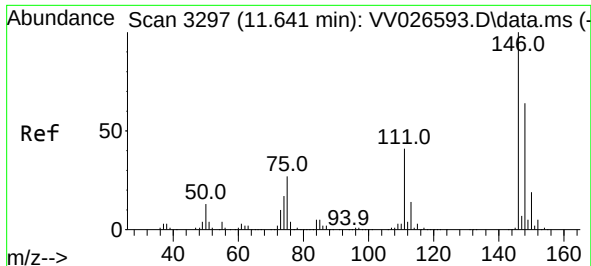
Tgt Ion:146 Resp: 340994
Ion Ratio Lower Upper
146 100
111 39.4 27.4 51.0
148 63.3 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 50.808 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026596.D
Acq: 29 Jun 2022 20:30

Tgt Ion:146 Resp: 351396
Ion Ratio Lower Upper
146 100
111 38.3 26.4 49.0
148 63.0 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 51.109 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

VICV230

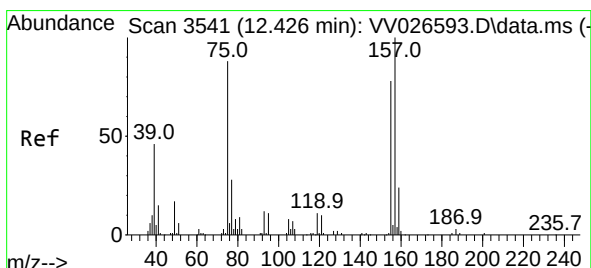
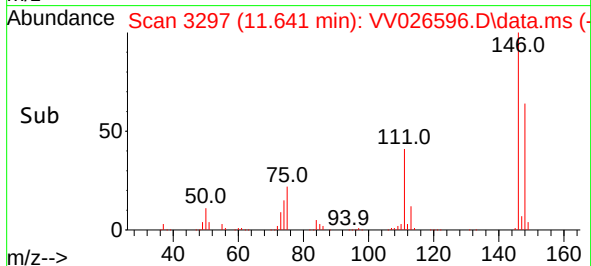
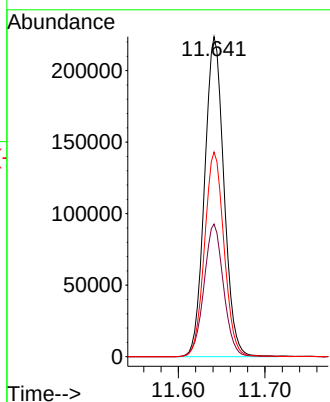
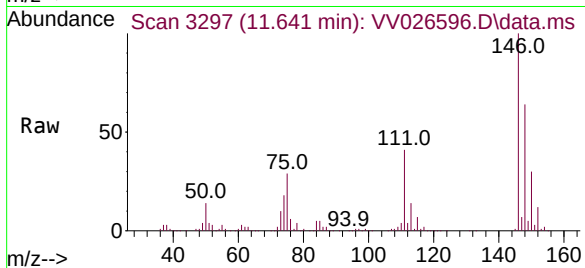
Tgt Ion:146 Resp: 347351

Ion Ratio Lower Upper

146 100

111 41.4 32.8 49.2

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 53.198 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

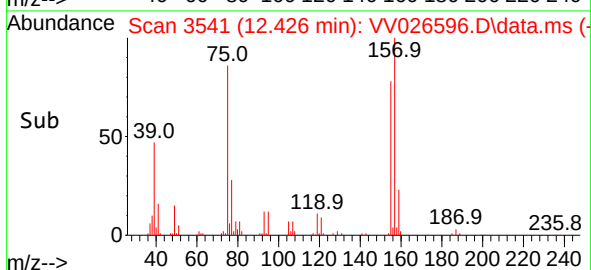
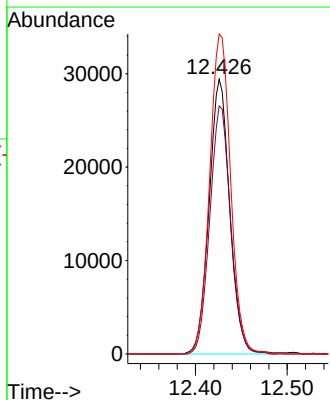
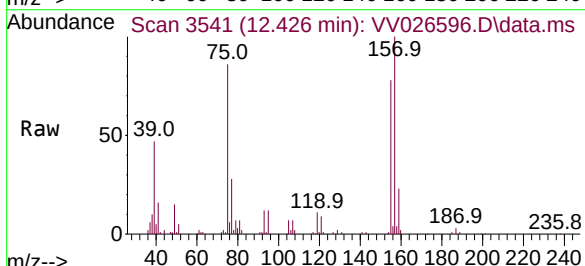
Tgt Ion: 75 Resp: 46007

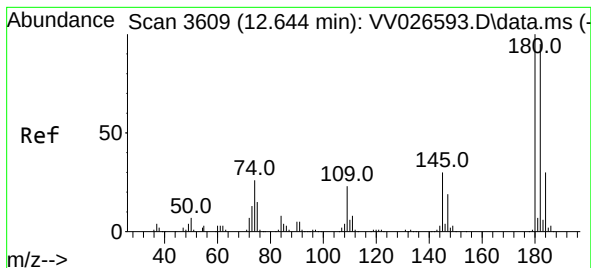
Ion Ratio Lower Upper

75 100

155 90.3 71.0 106.4

157 116.5 91.3 136.9





#69

1,3,5-Trichlorobenzene

Concen: 50.092 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

VICV230

Tgt Ion:180 Resp: 229945

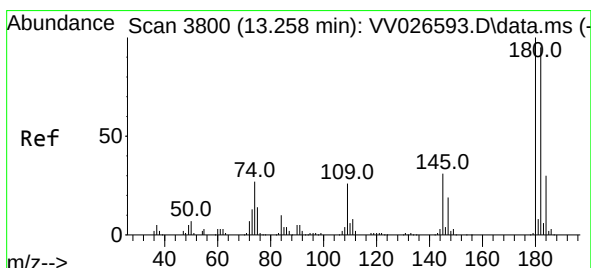
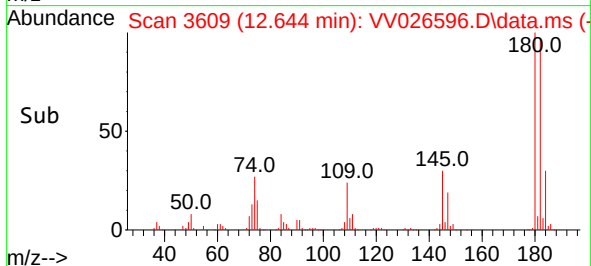
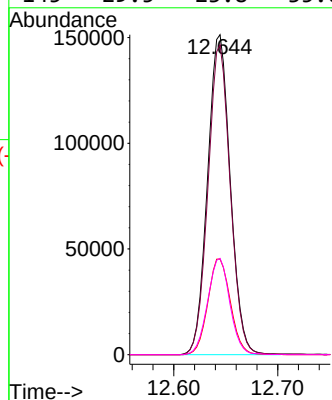
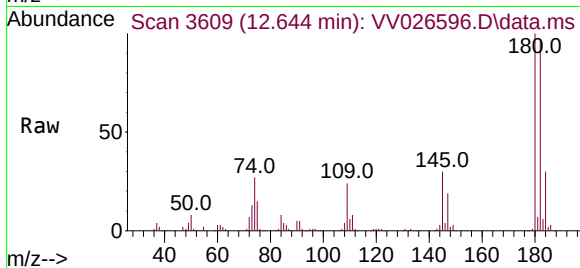
Ion Ratio Lower Upper

180 100

182 94.9 74.9 112.3

184 29.7 23.5 35.3

145 29.5 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 51.610 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

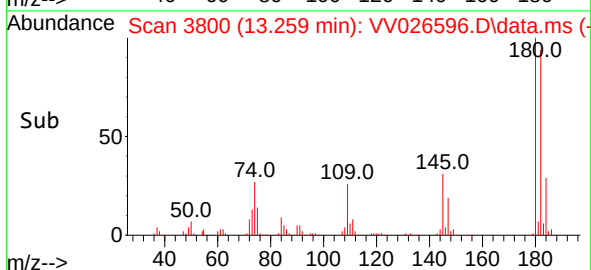
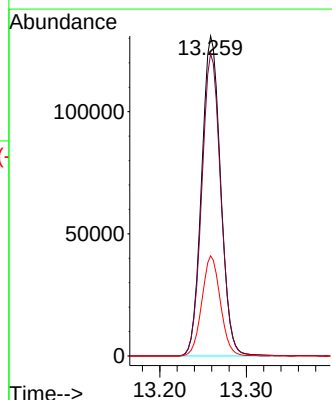
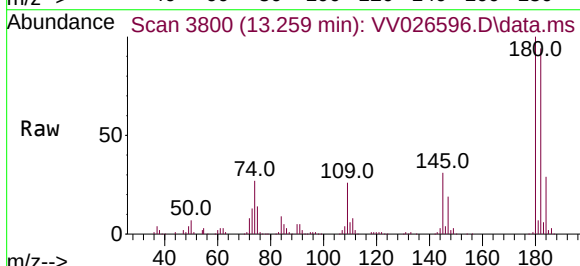
Tgt Ion:180 Resp: 199142

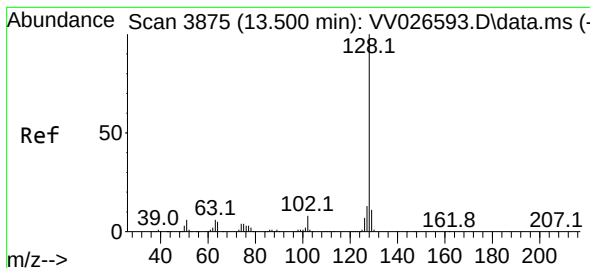
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

145 30.4 24.5 36.7





#71

Naphthalene

Concen: 57.075 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Instrument :

MSVOA_V

ClientSampleId :

VICV230

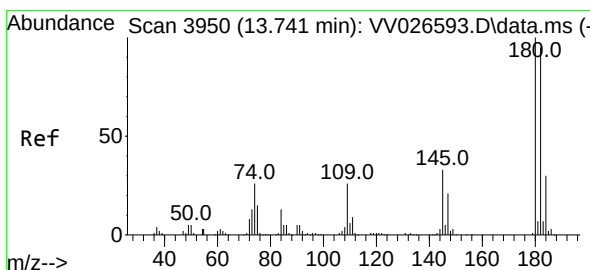
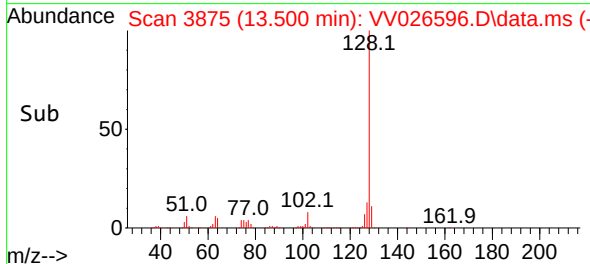
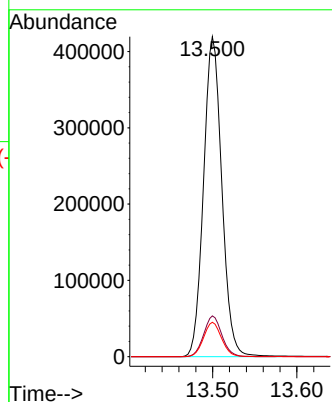
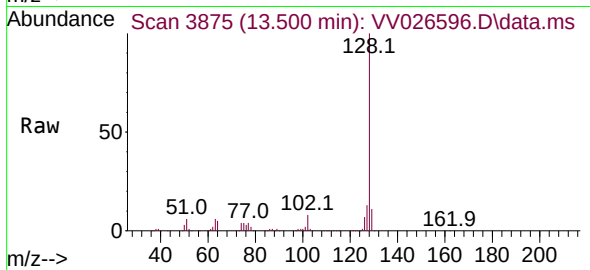
Tgt Ion:128 Resp: 633079

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 53.416 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026596.D

Acq: 29 Jun 2022 20:30

Tgt Ion:180 Resp: 209242

Ion Ratio Lower Upper

180 100

182 94.1 76.1 114.1

145 33.1 26.3 39.5

