

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023714.D
 Acq On : 24 Nov 2021 20:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 01:57:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137444	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41463	3.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.571	69	35943	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.111	63	81122	4.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.899	46	88291	65.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.180%#
24) Chloroform-d	4.349	84	87115	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	42046	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.053	84	160783	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.069	67	47053	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	150223	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	19210	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.088	63	73006	53.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36878	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	59487	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59315	4.548	ug/L	100
3) Chloromethane	1.243	50	52978	4.673	ug/L	97
5) Vinyl chloride	1.314	62	57246	4.808	ug/L	99
6) Bromomethane	1.523	94	27070	4.010	ug/L	99
8) Chloroethane	1.587	64	34055	4.514	ug/L	95
9) Trichlorofluoromethane	1.754	101	94206	4.856	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46465	4.780	ug/L	98
12) 1,1-Dichloroethene	2.121	96	45685	4.961	ug/L	98
13) Acetone	2.188	43	61564	50.440	ug/L	77
14) Carbon disulfide	2.297	76	142903	4.617	ug/L	100
15) Methyl Acetate	2.439	43	15816	5.709	ug/L	91
16) Methylene chloride	2.510	84	51517	3.921	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96444	5.111	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	50300	4.796	ug/L	98
19) 1,1-Dichloroethane	3.191	63	84579	4.796	ug/L	98
21) 2-Butanone	3.976	43	86254	55.834	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	51568	5.127	ug/L	99
23) Bromochloromethane	4.252	128	23642	5.008	ug/L	97
25) Chloroform	4.378	83	95370	4.854	ug/L	99

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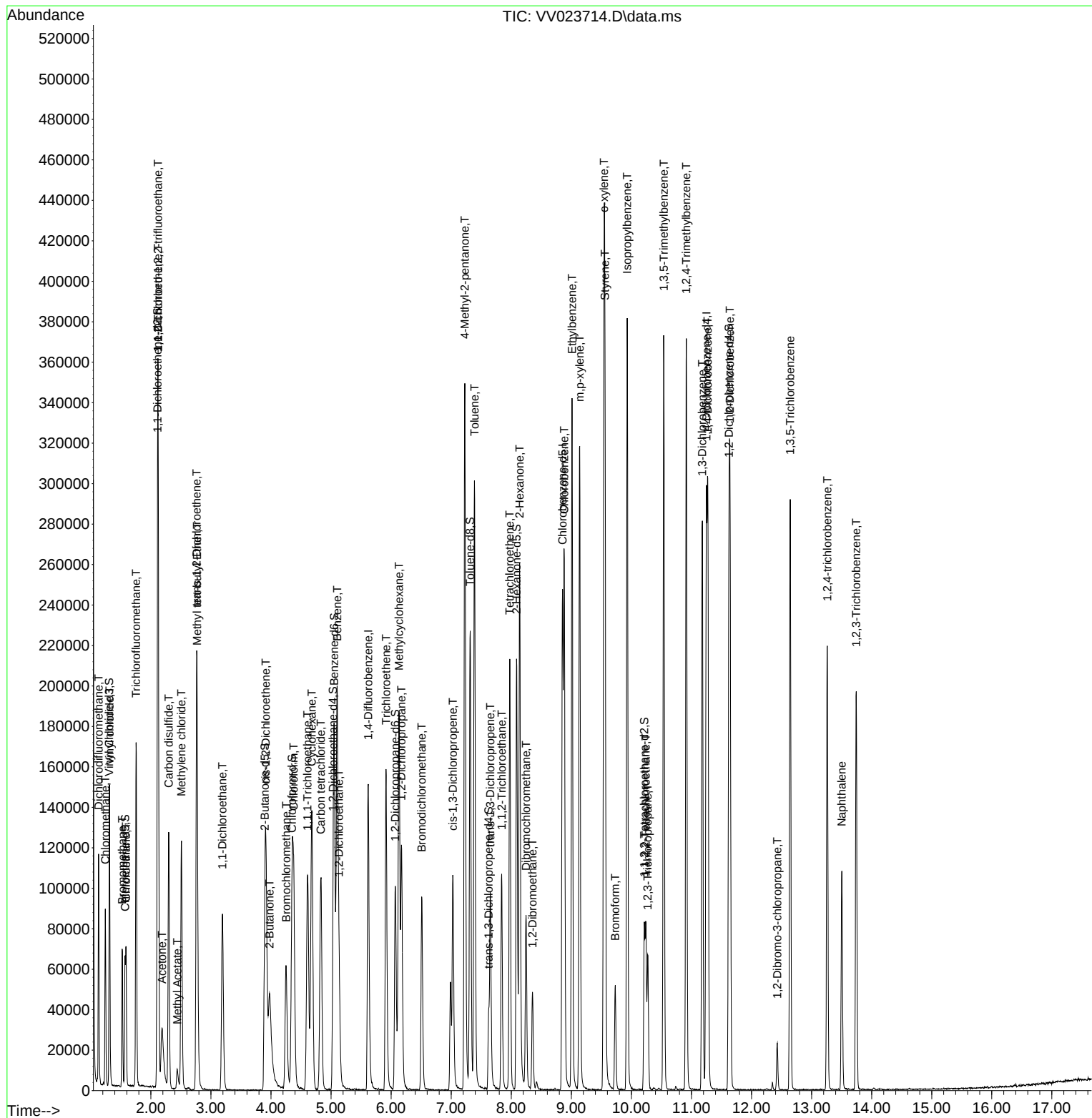
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	51094	4.892	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	87461	5.052	ug/L	99
30) Cyclohexane	4.680	56	71040	4.917	ug/L	99
31) Carbon tetrachloride	4.831	117	79948	5.042	ug/L	100
33) Benzene	5.101	78	196812	5.211	ug/L	100
34) Trichloroethene	5.915	95	53154	5.254	ug/L	95
35) Methylcyclohexane	6.133	83	77498	4.914	ug/L	98
37) 1,2-Dichloropropane	6.172	63	44980	5.010	ug/L	99
38) Bromodichloromethane	6.510	83	60993	5.006	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	64394	5.040	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	222957	52.028	ug/L	99
42) Toluene	7.387	91	219817	5.367	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	56012	5.217	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33247	5.349	ug/L	97
47) Tetrachloroethene	7.976	164	47656	5.175	ug/L	97
48) 2-Hexanone	8.140	43	157076	49.593	ug/L	98
49) Dibromochloromethane	8.246	129	43661	5.126	ug/L	97
50) 1,2-Dibromoethane	8.352	107	31565	5.208	ug/L	99
51) Chlorobenzene	8.882	112	143396	5.281	ug/L	98
52) Ethylbenzene	9.011	91	229255	5.355	ug/L	99
53) m,p-xylene	9.140	106	91212	5.353	ug/L	100
54) o-xylene	9.545	106	87086	5.374	ug/L	98
55) Styrene	9.561	104	150050	5.496	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35659	5.156	ug/L #	98
59) Bromoform	9.731	173	23211	4.765	ug/L	98
60) Isopropylbenzene	9.931	105	236816	5.377	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	25726	4.918	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	194429	5.305	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	198324	5.472	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	117472	5.216	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	115799	5.116	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	105421	5.115	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5362	5.161	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	89840	5.110	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	68729	5.038	ug/L	99
71) Naphthalene	13.503	128	88764	4.835	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	60829	5.146	ug/L	98

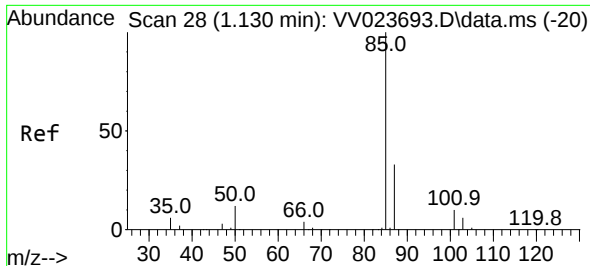
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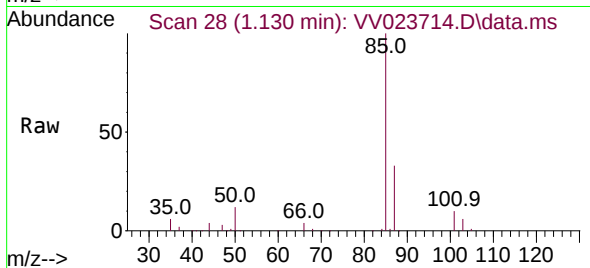
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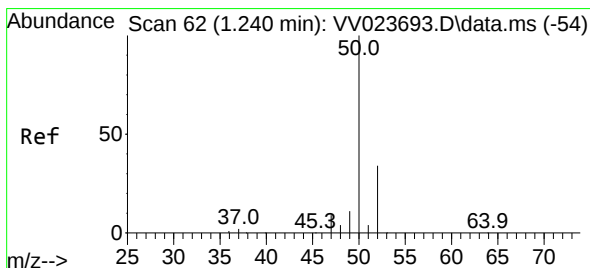
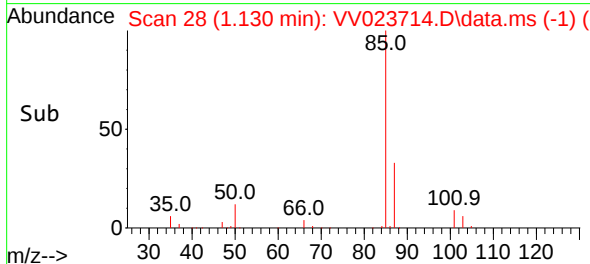
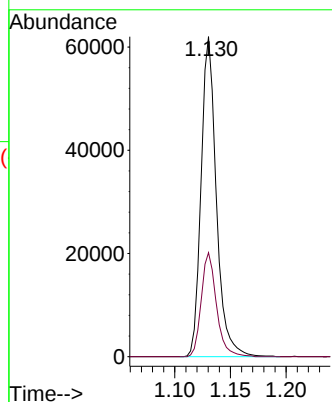


#2
 Dichlorodifluoromethane
 Concen: 4.548 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

Instrument :
 MSVOA_V
 ClientSampleId :

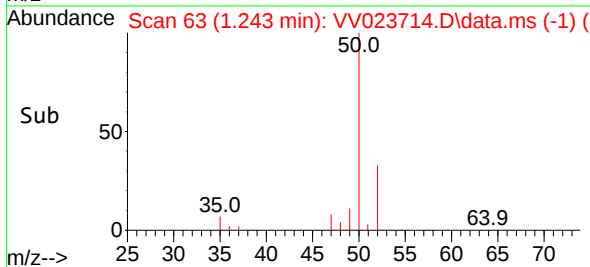
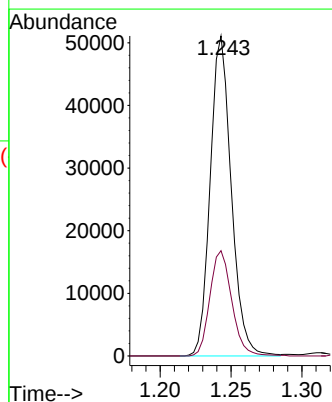
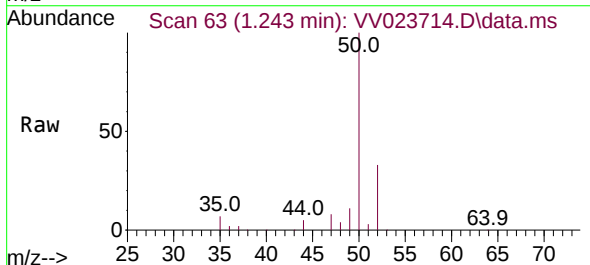


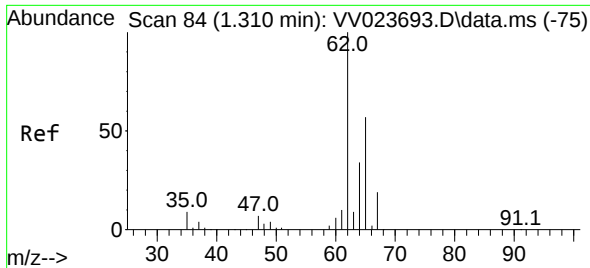
Tgt Ion: 85 Resp: 59315
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.673 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

Tgt Ion: 50 Resp: 52978
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0

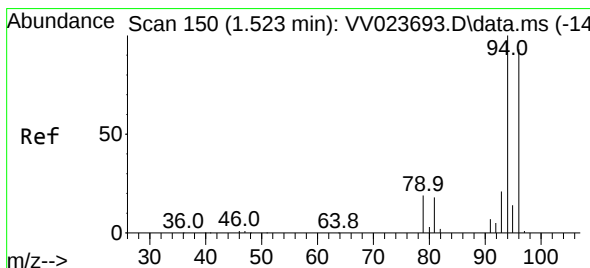
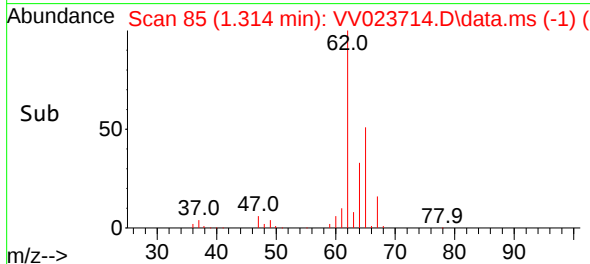
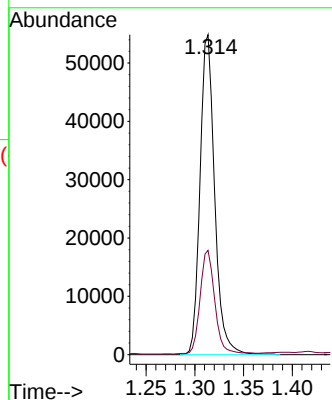
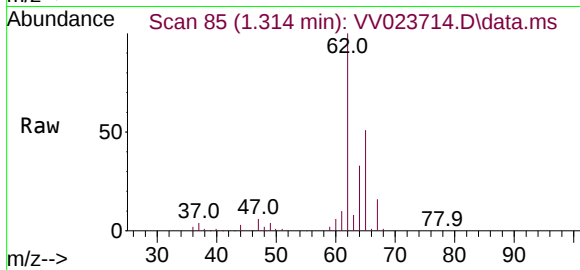




#5
 Vinyl chloride
 Concen: 4.808 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

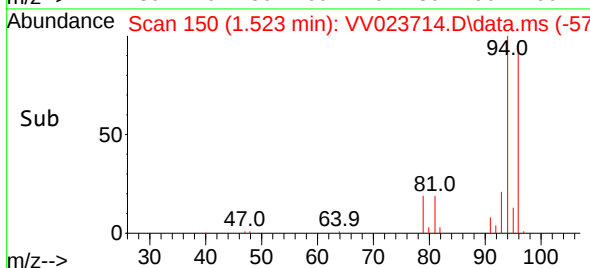
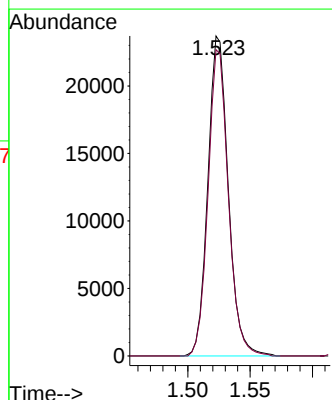
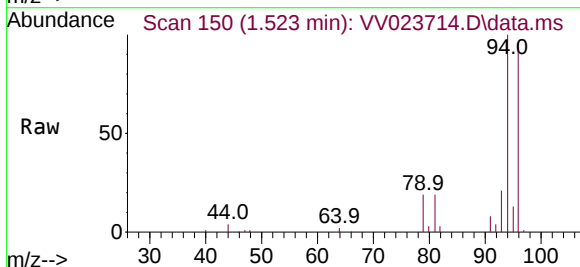
Instrument :
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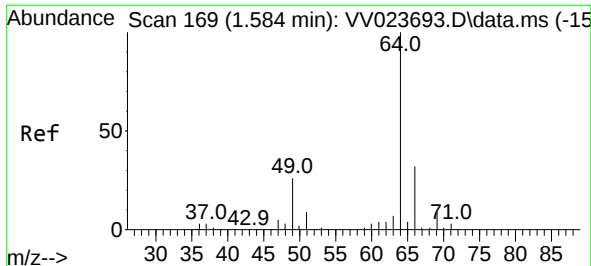
Tgt Ion: 62 Resp: 57246
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 4.010 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

Tgt Ion: 94 Resp: 27070
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.2 123.0

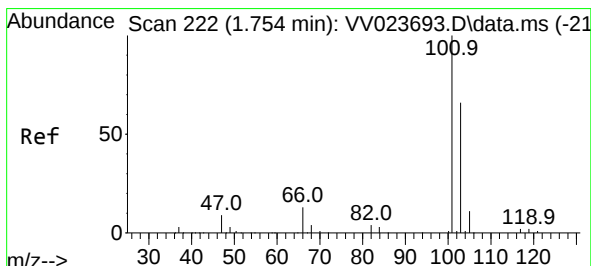
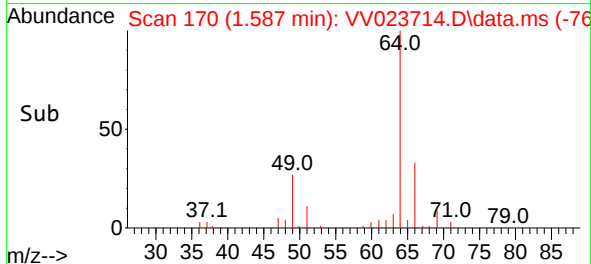
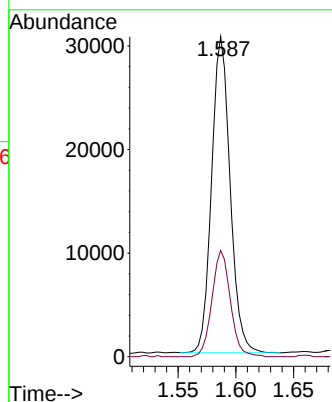
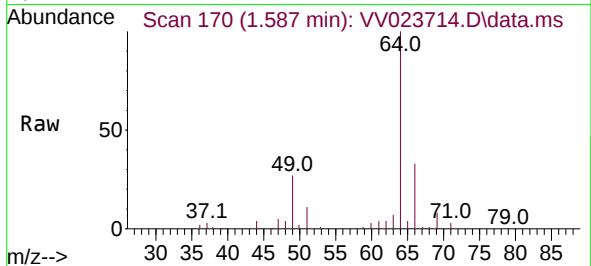




#8
Chloroethane
Concen: 4.514 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

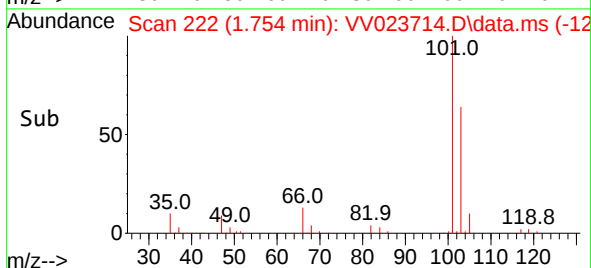
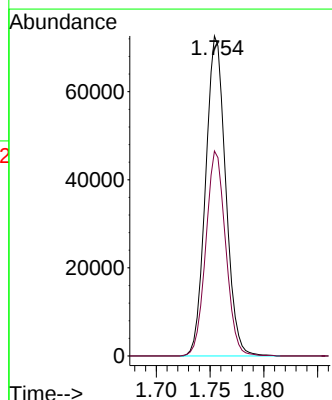
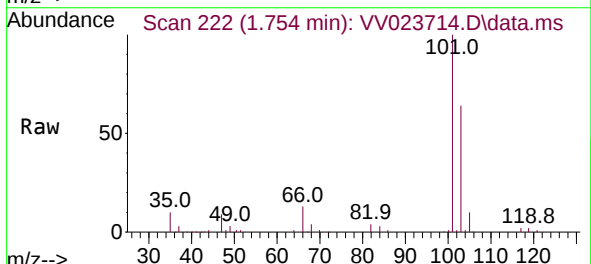
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MSVOA_V
ClientSampleId :

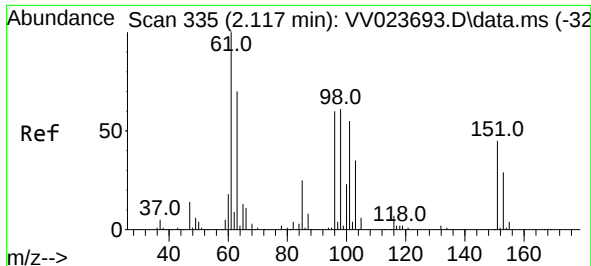
Tgt Ion: 64 Resp: 34055
Ion Ratio Lower Upper
64 100
66 33.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.856 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion:101 Resp: 94206
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4

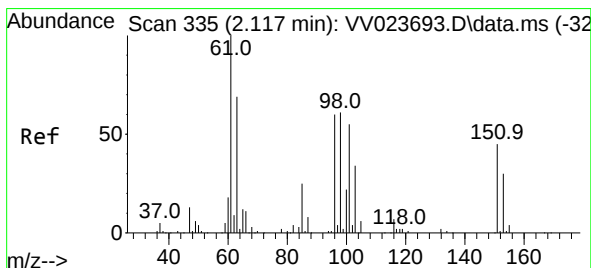
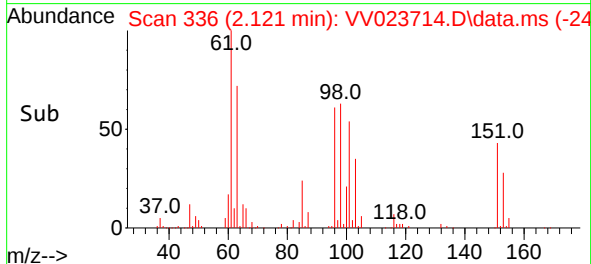
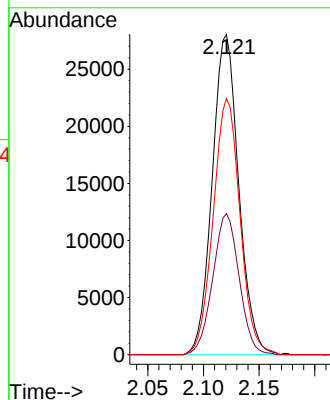
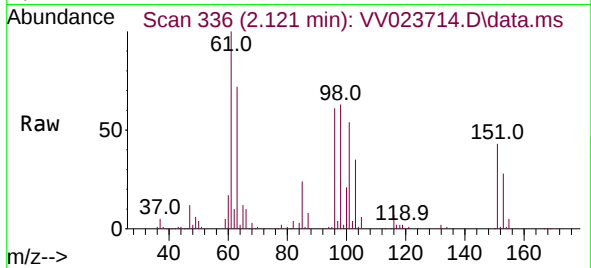




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.780 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023714.D
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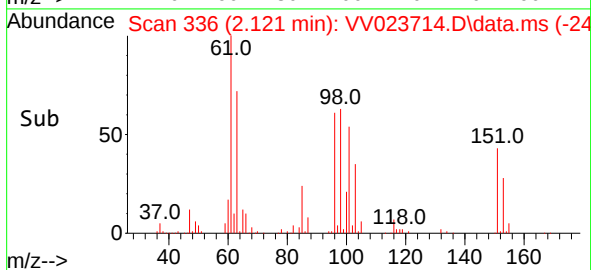
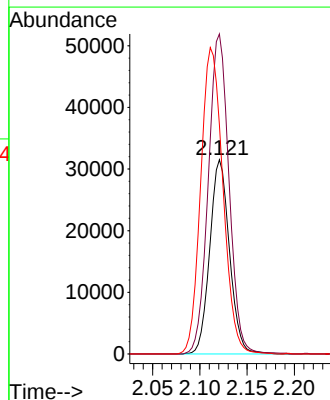
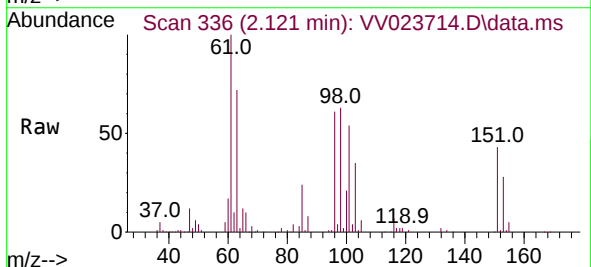
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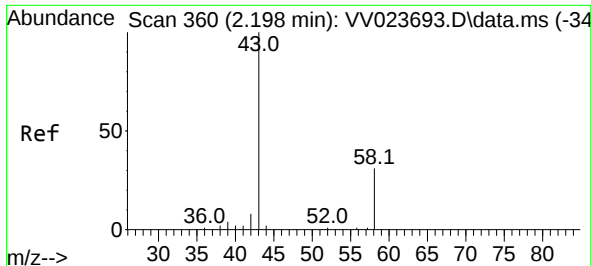
Tgt Ion:101 Resp: 46465
 Ion Ratio Lower Upper
 101 100
 85 43.8 36.0 54.0
 151 81.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.961 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

Tgt Ion: 96 Resp: 45685
 Ion Ratio Lower Upper
 96 100
 61 164.7 116.1 215.5
 63 118.0 79.4 147.4





#13

Acetone

Concen: 50.440 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

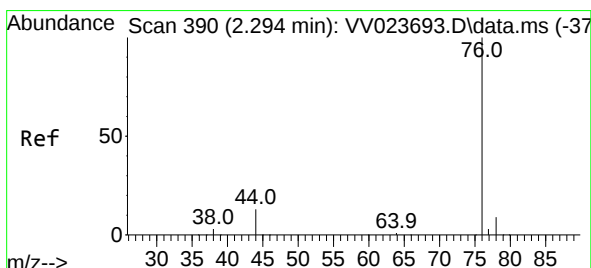
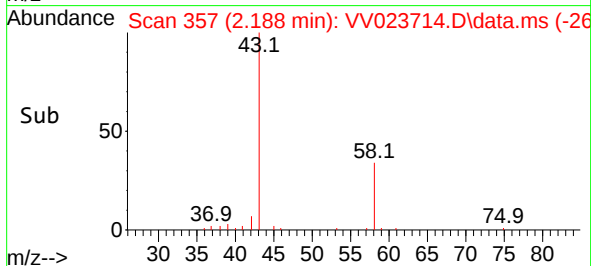
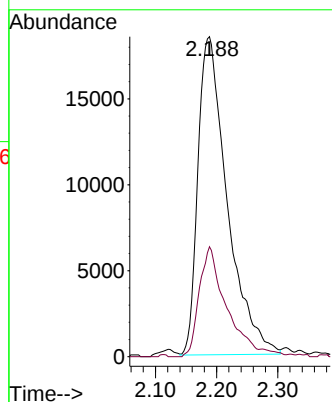
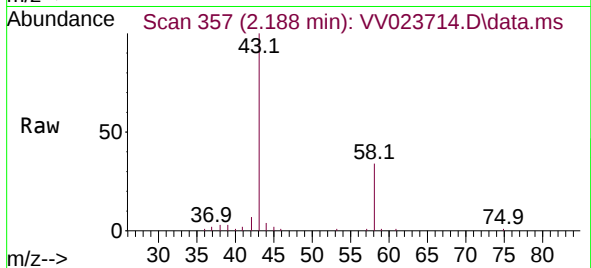
ClientSampleId :

Tgt Ion: 43 Resp: 61564

Ion Ratio Lower Upper

43 100

58 31.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.617 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023714.D

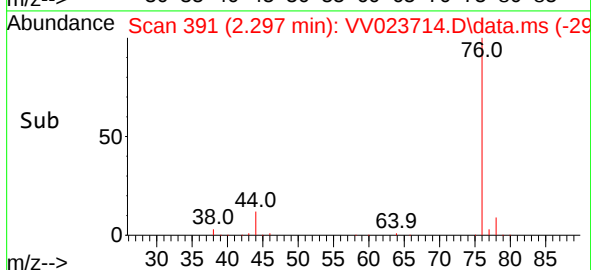
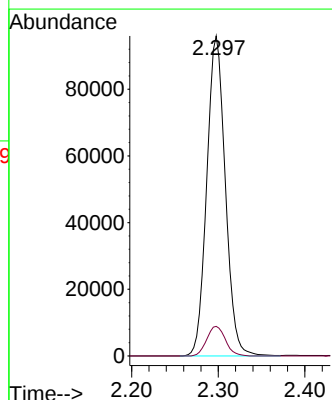
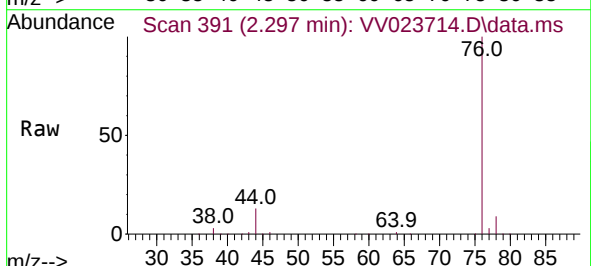
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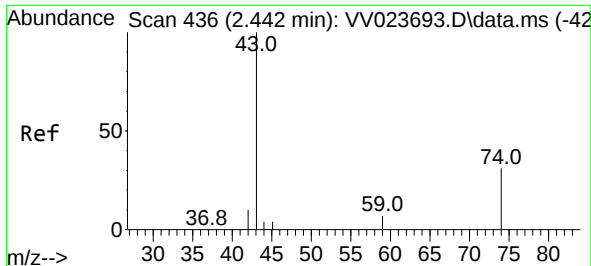
Tgt Ion: 76 Resp: 142903

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3





#15

Methyl Acetate

Concen: 5.709 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

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MSVOA_V

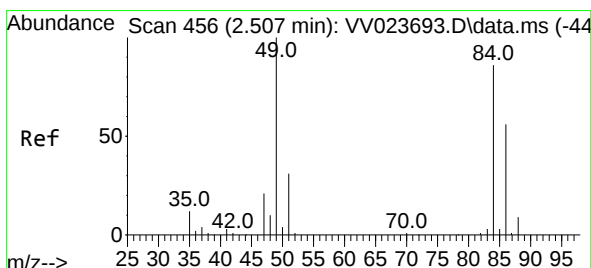
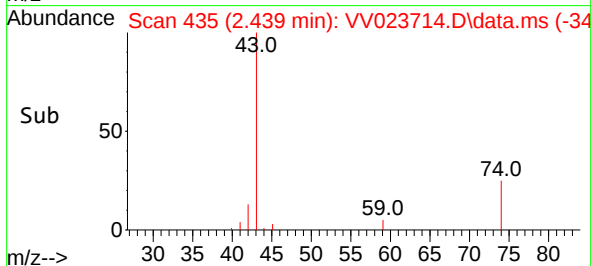
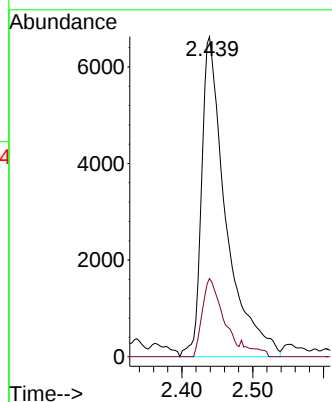
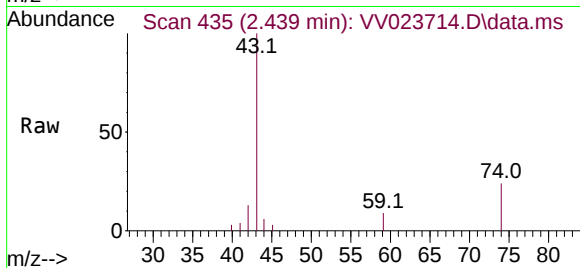
ClientSampleId :

Tgt Ion: 43 Resp: 15816

Ion Ratio Lower Upper

43 100

74 20.5 20.2 30.2



#16

Methylene chloride

Concen: 3.921 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

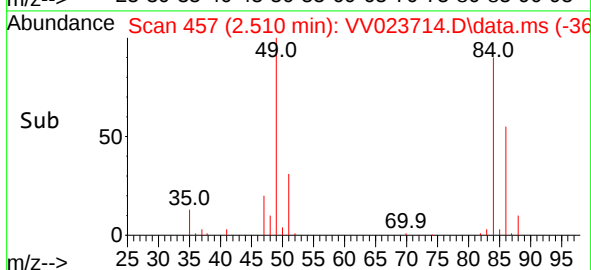
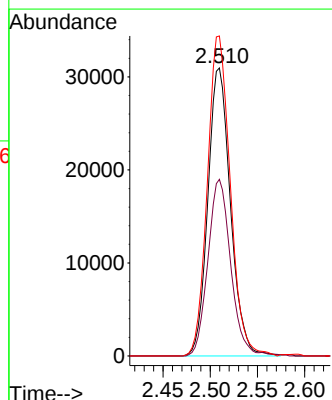
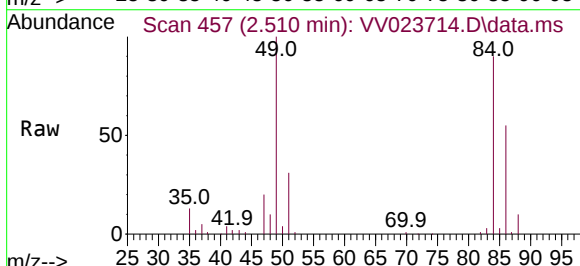
Tgt Ion: 84 Resp: 51517

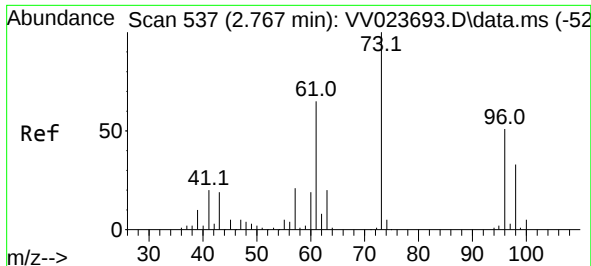
Ion Ratio Lower Upper

84 100

86 61.3 42.6 79.0

49 111.1 79.7 147.9

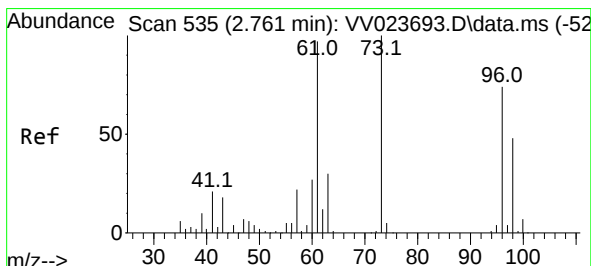
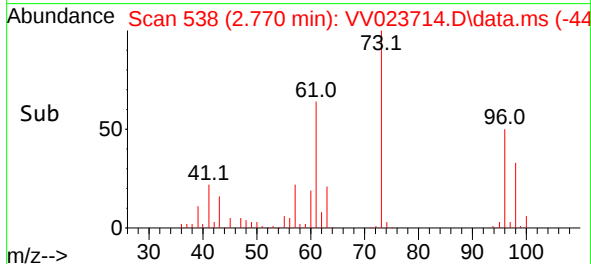
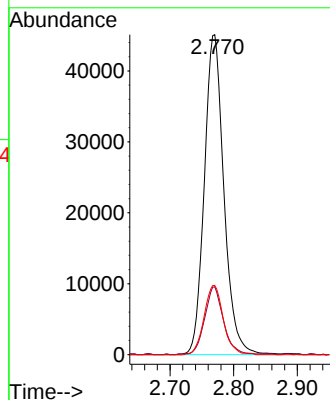
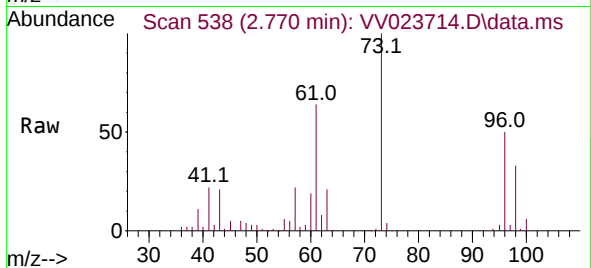




#17
Methyl tert-butyl Ether
Concen: 5.111 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

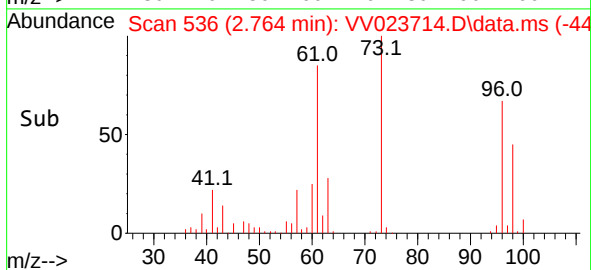
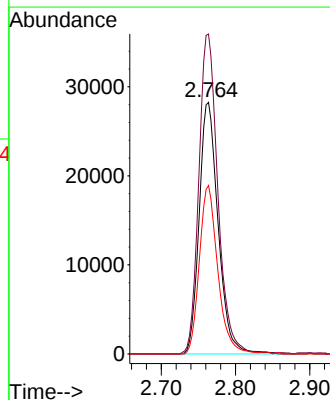
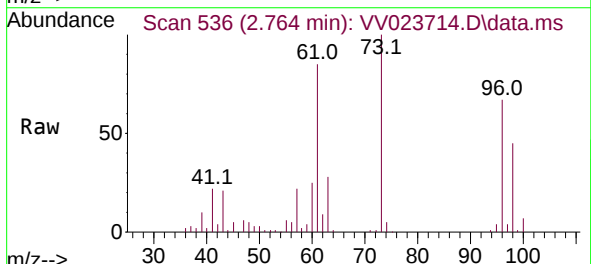
Instrument :
MSVOA_V
ClientSampleId :

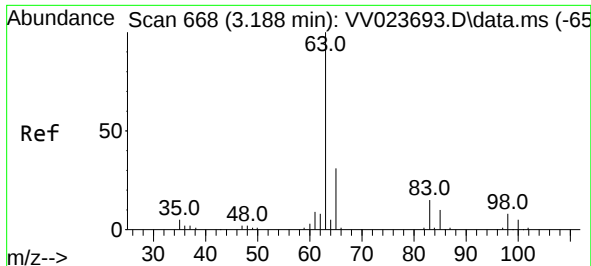
Tgt Ion: 73 Resp: 96444
Ion Ratio Lower Upper
73 100
43 20.5 15.5 23.3
57 21.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.796 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 96 Resp: 50300
Ion Ratio Lower Upper
96 100
61 127.1 88.2 163.8
98 66.9 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.796 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :

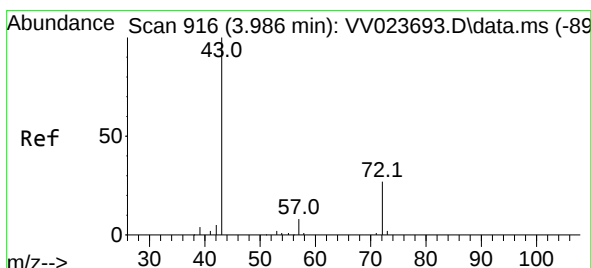
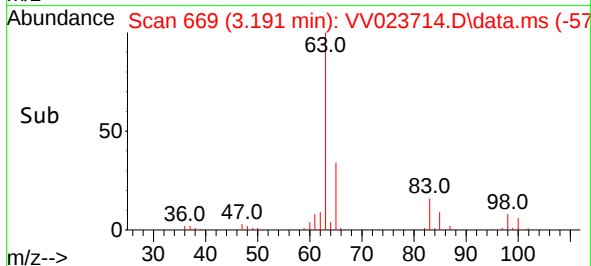
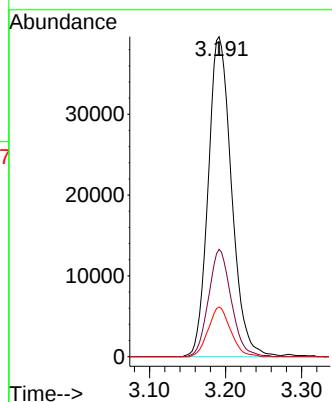
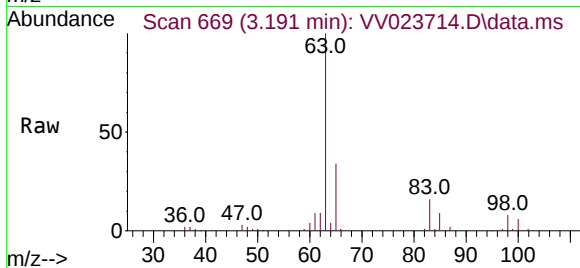
Tgt Ion: 63 Resp: 84579

Ion Ratio Lower Upper

63 100

65 33.5 22.3 41.3

83 15.5 10.7 19.9



#21

2-Butanone

Concen: 55.834 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.010 min

Lab File: VV023714.D

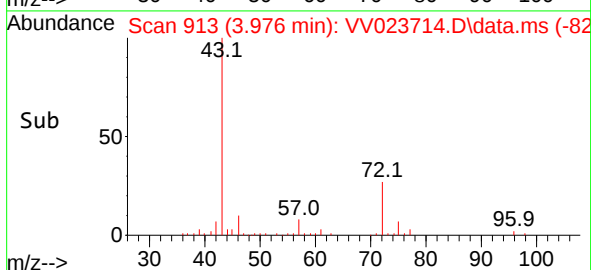
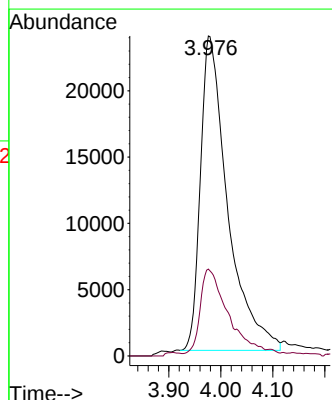
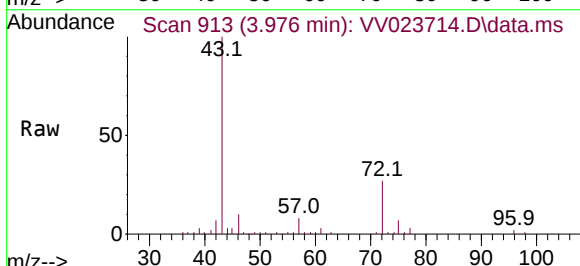
Acq: 24 Nov 2021 20:38

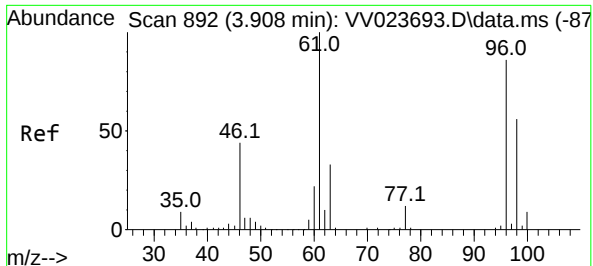
Tgt Ion: 43 Resp: 86254

Ion Ratio Lower Upper

43 100

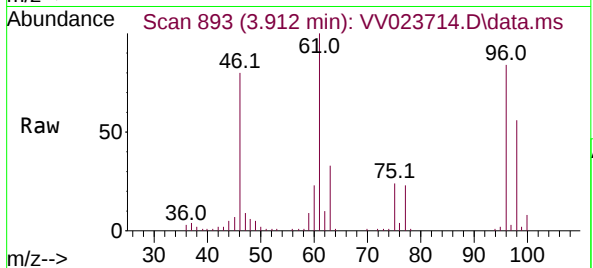
72 27.3 11.1 33.1



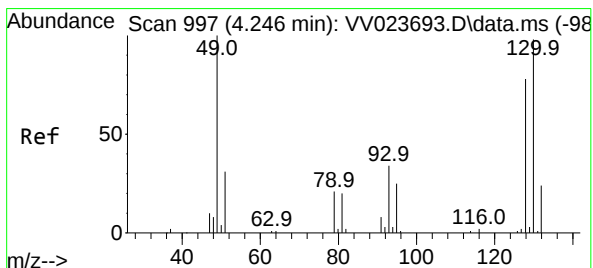
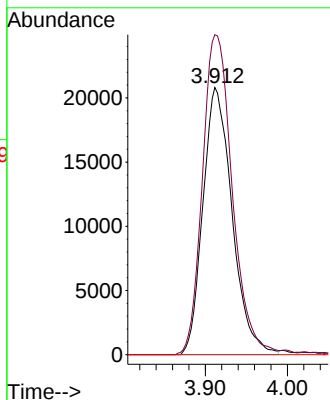
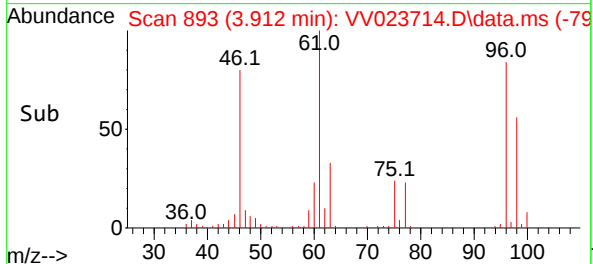


#22
 cis-1,2-Dichloroethene
 Concen: 5.127 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

Instrument :
 MSVOA_V
 ClientSampleId :

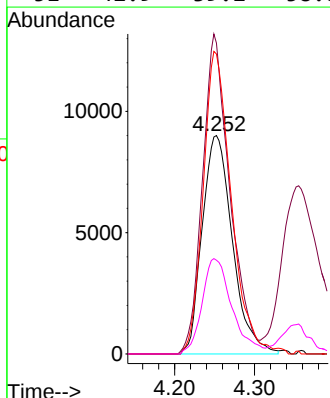
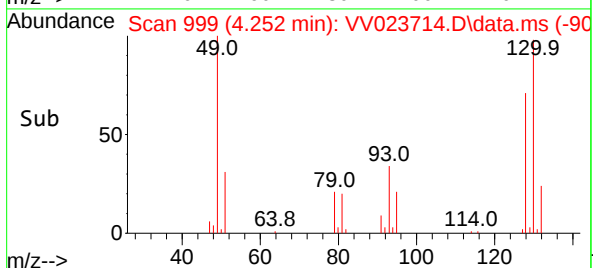
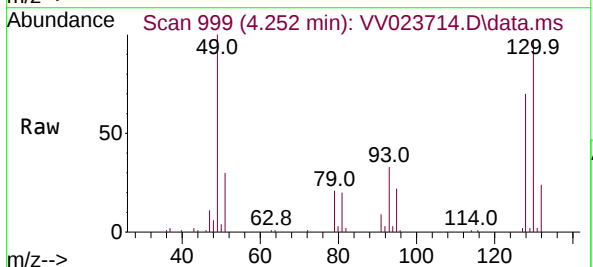


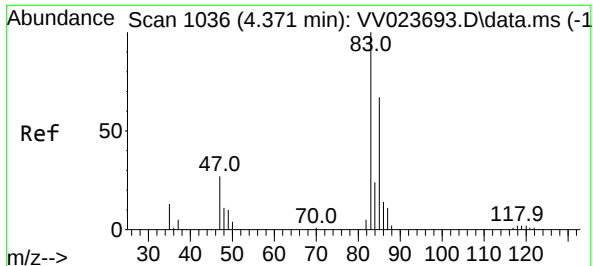
Tgt Ion: 96 Resp: 51568
 Ion Ratio Lower Upper
 96 100
 61 119.8 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.008 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV023714.D
 Acq: 24 Nov 2021 20:38

Tgt Ion: 128 Resp: 23642
 Ion Ratio Lower Upper
 128 100
 49 142.3 100.2 186.2
 130 137.4 92.5 171.7
 51 42.9 39.2 58.8





#25

Chloroform

Concen: 4.854 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

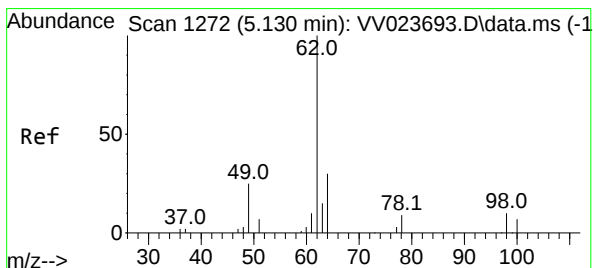
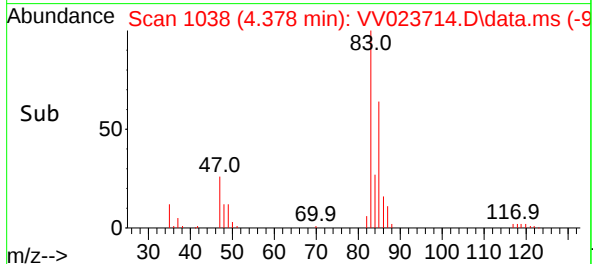
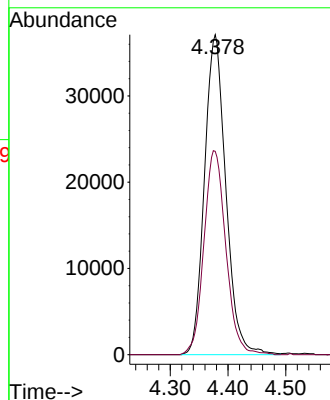
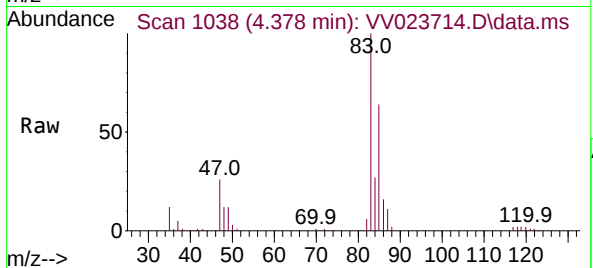
ClientSampleId :

Tgt Ion: 83 Resp: 95370

Ion Ratio Lower Upper

83 100

85 63.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.892 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV023714.D

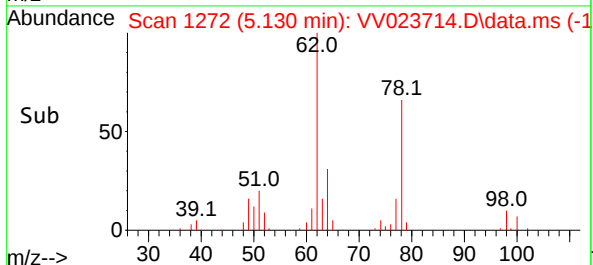
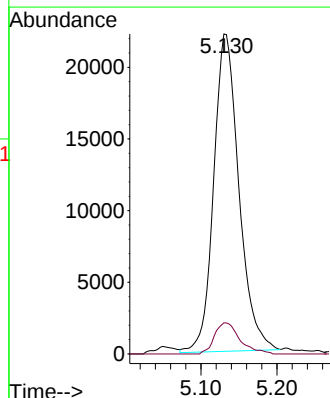
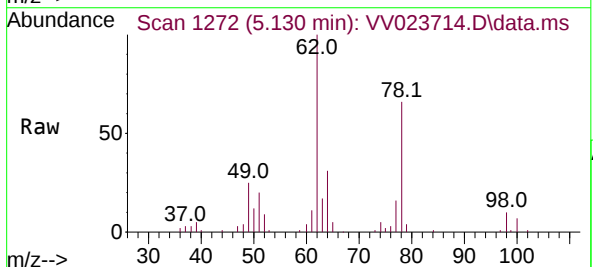
Acq: 24 Nov 2021 20:38

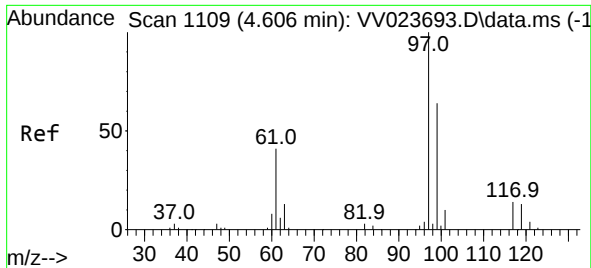
Tgt Ion: 62 Resp: 51094

Ion Ratio Lower Upper

62 100

98 9.7 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.052 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :

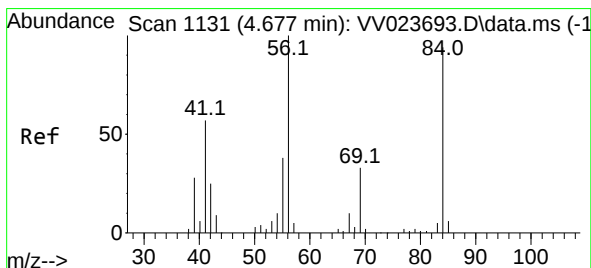
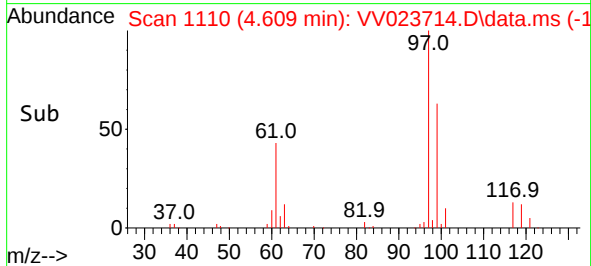
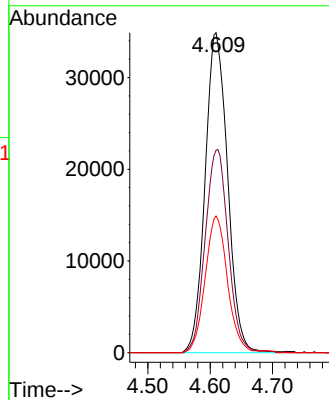
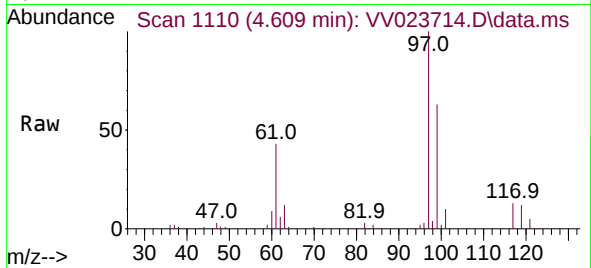
Tgt Ion: 97 Resp: 87461

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 42.4 33.2 49.8



#30

Cyclohexane

Concen: 4.917 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

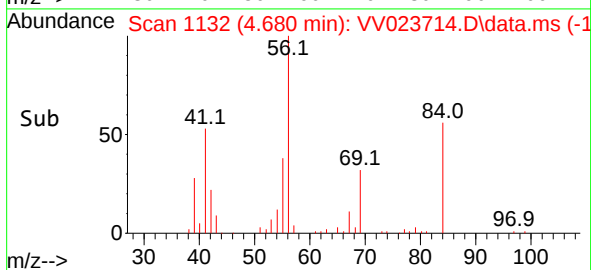
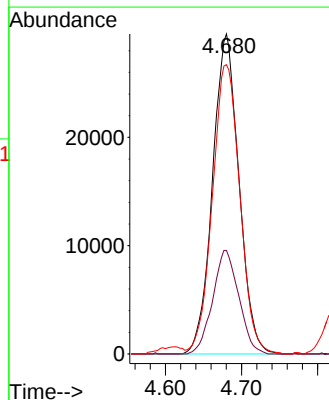
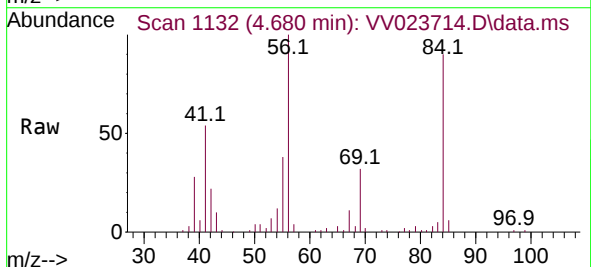
Tgt Ion: 56 Resp: 71040

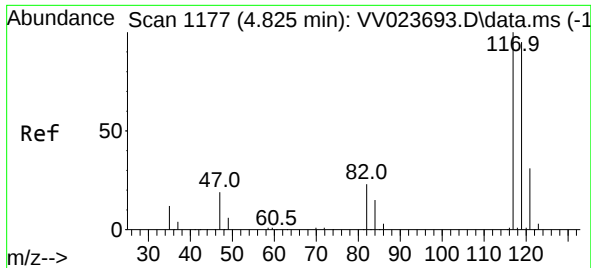
Ion Ratio Lower Upper

56 100

69 32.1 24.8 37.2

84 94.4 75.9 113.9

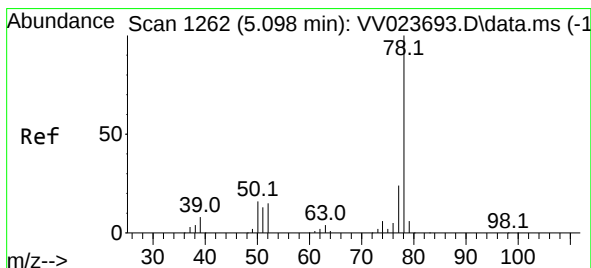
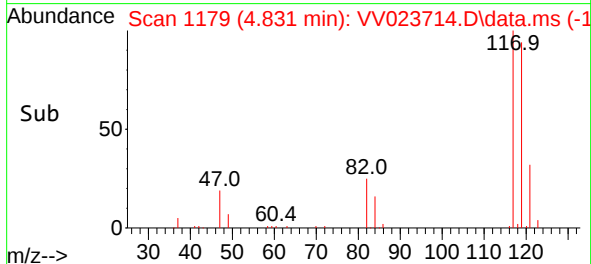
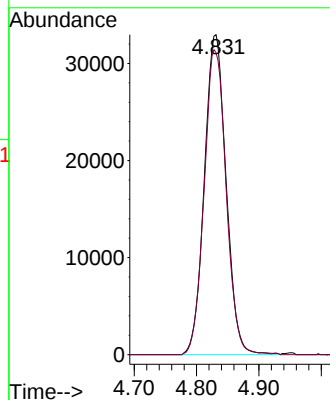
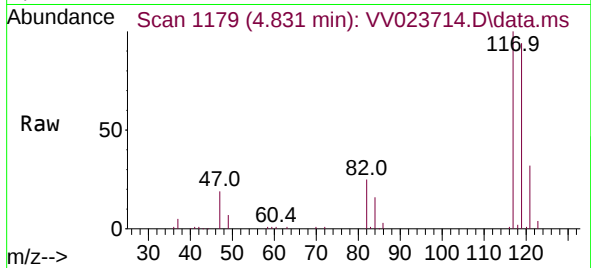




#31
Carbon tetrachloride
Concen: 5.042 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

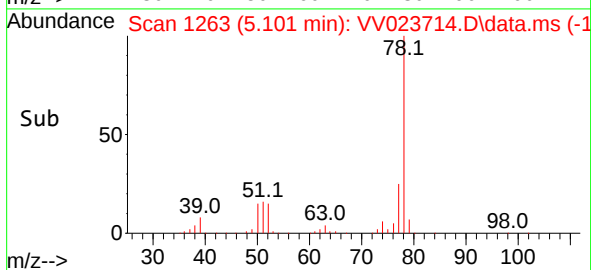
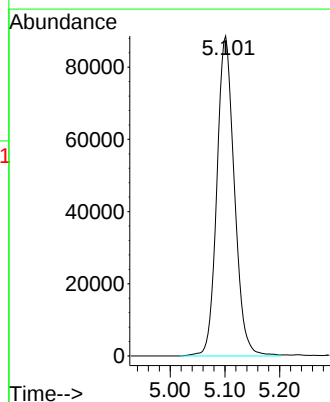
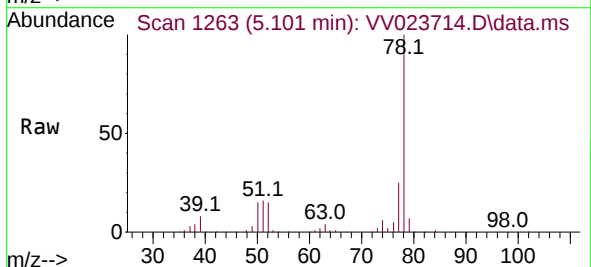
Instrument :
MSVOA_V
ClientSampleId :

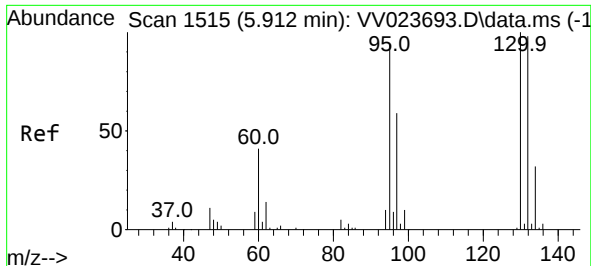
Tgt Ion:117 Resp: 79948
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 5.211 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 78 Resp: 196812



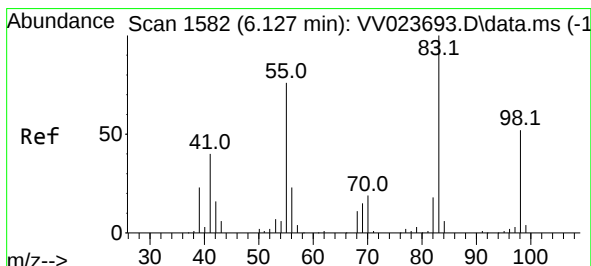
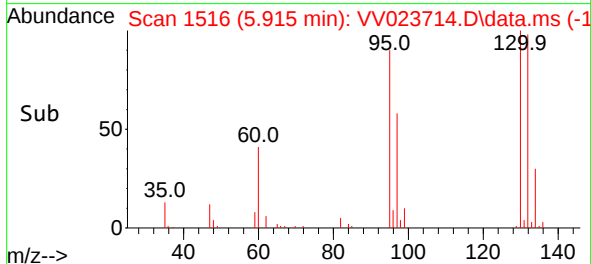
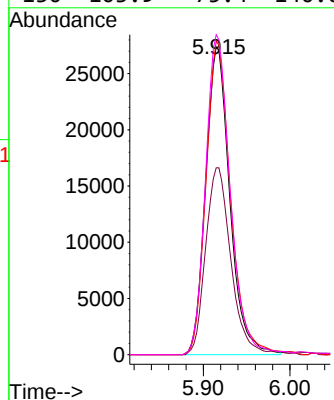
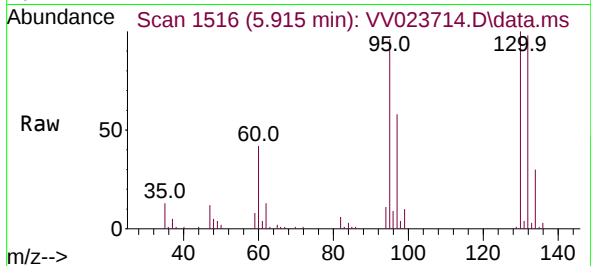


#34
Trichloroethene
Concen: 5.254 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 53154

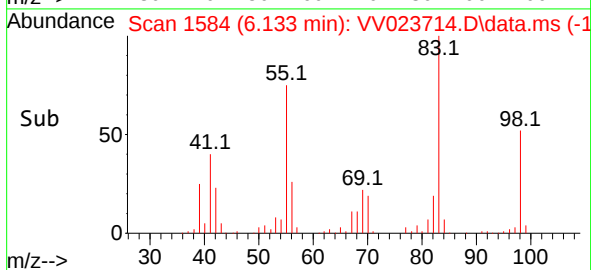
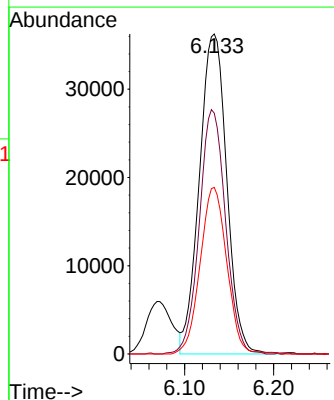
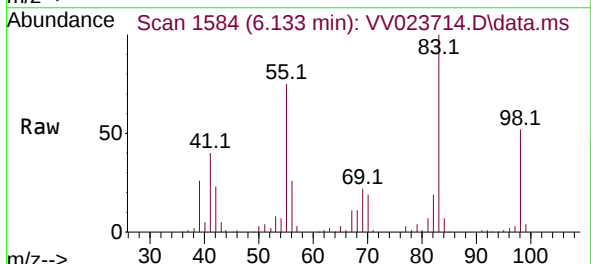
Ion	Ratio	Lower	Upper
95	100		
97	60.7	45.2	84.0
132	101.8	76.1	141.3
130	103.9	75.4	140.0

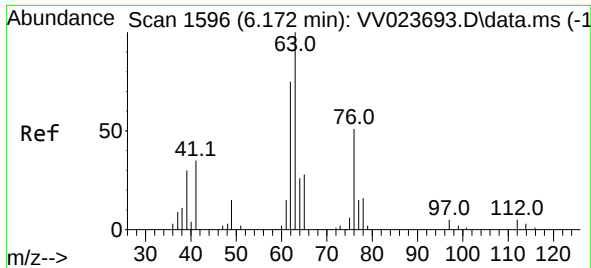


#35
Methylcyclohexane
Concen: 4.914 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 83 Resp: 77498

Ion	Ratio	Lower	Upper
83	100		
55	73.1	60.2	90.2
98	50.6	41.0	61.4

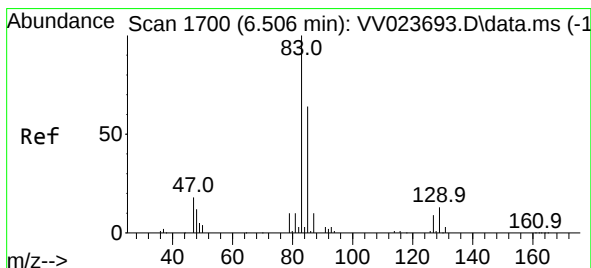
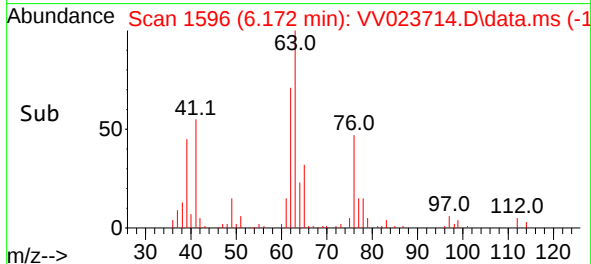
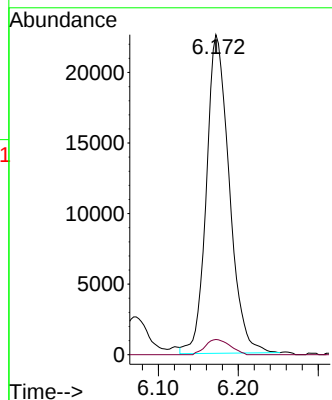
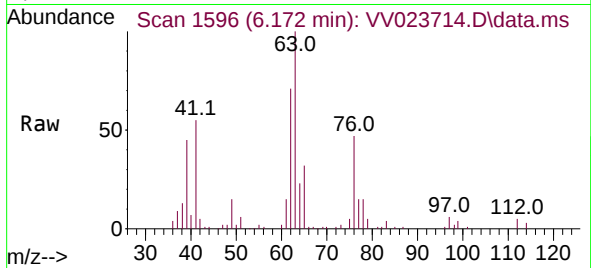




#37
1,2-Dichloropropane
Concen: 5.010 ug/L
RT: 6.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

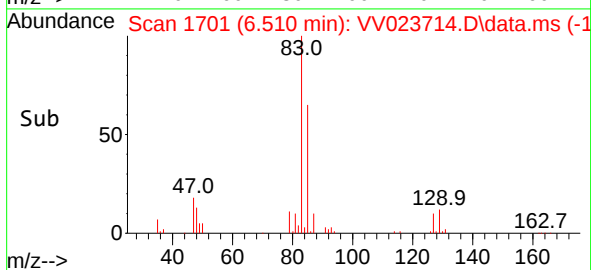
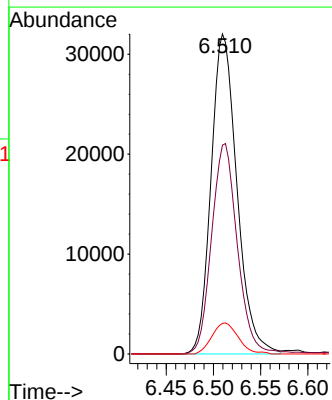
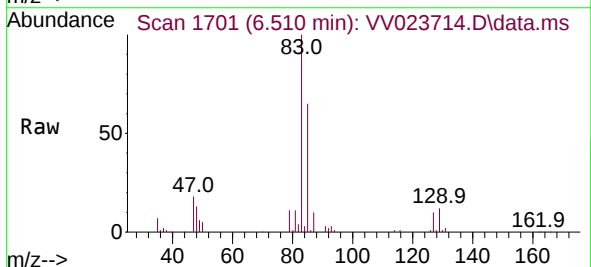
Instrument :
MSVOA_V
ClientSampleId :

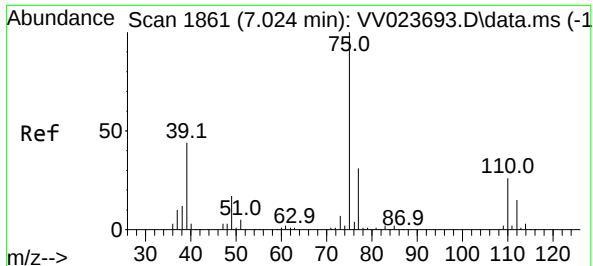
Tgt Ion: 63 Resp: 44980
Ion Ratio Lower Upper
63 100
112 5.2 4.3 6.5



#38
Bromodichloromethane
Concen: 5.006 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 83 Resp: 60993
Ion Ratio Lower Upper
83 100
85 65.2 44.0 81.8
127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.040 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

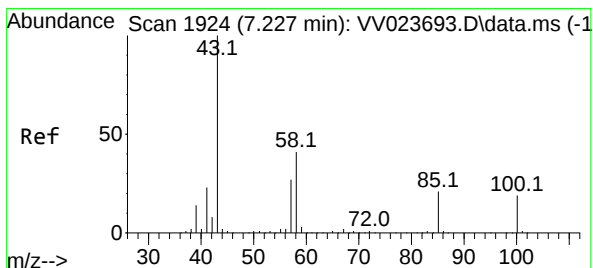
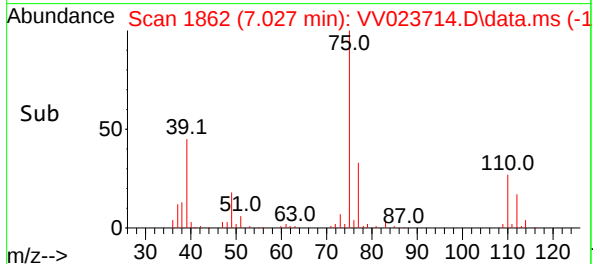
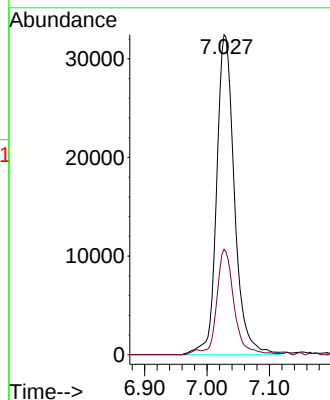
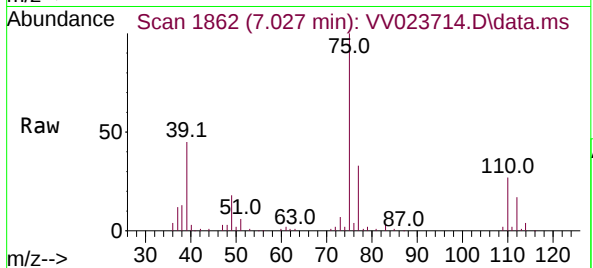
ClientSampleId :

Tgt Ion: 75 Resp: 64394

Ion Ratio Lower Upper

75 100

77 32.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.028 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

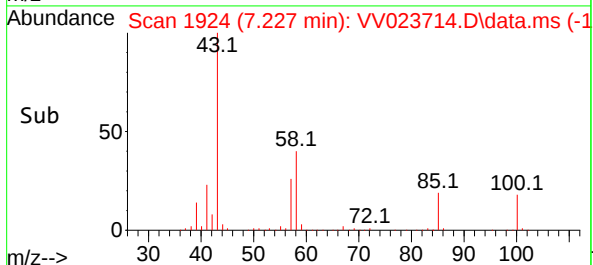
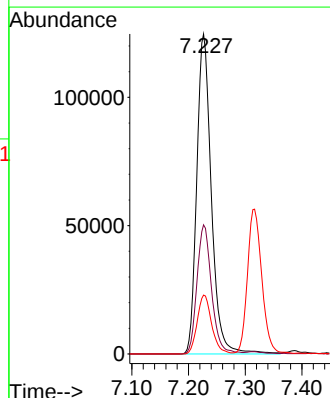
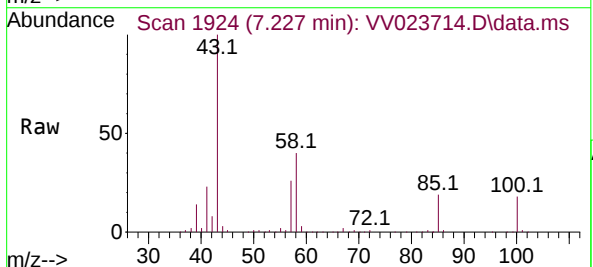
Tgt Ion: 43 Resp: 222957

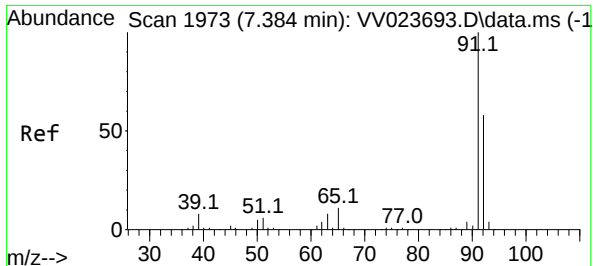
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 18.2 13.0 19.6





#42

Toluene

Concen: 5.367 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

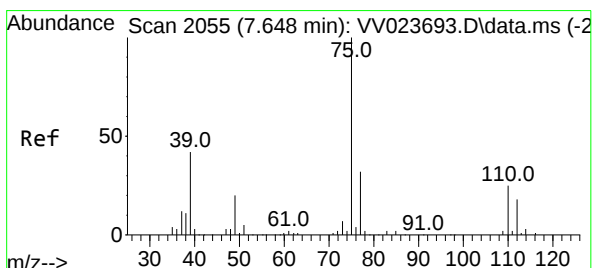
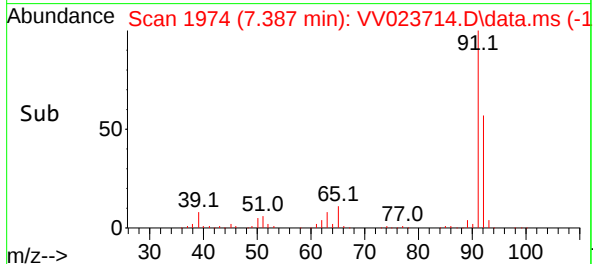
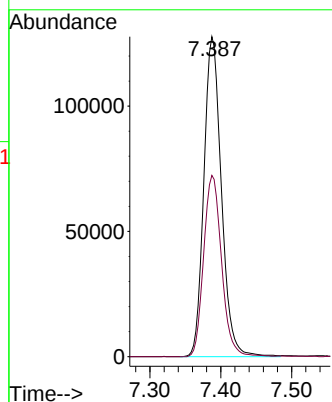
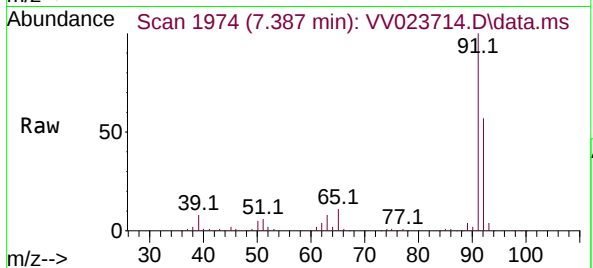
ClientSampleId :

Tgt Ion: 91 Resp: 219817

Ion Ratio Lower Upper

91 100

92 56.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.217 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV023714.D

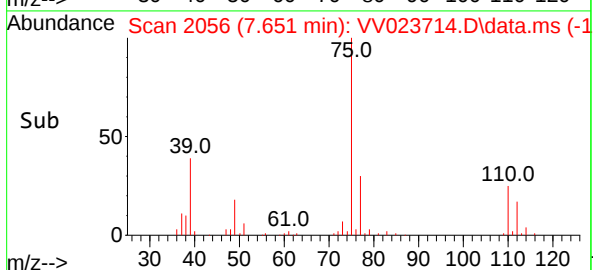
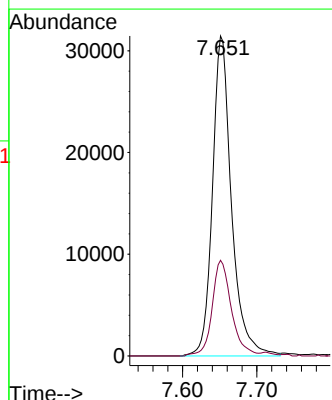
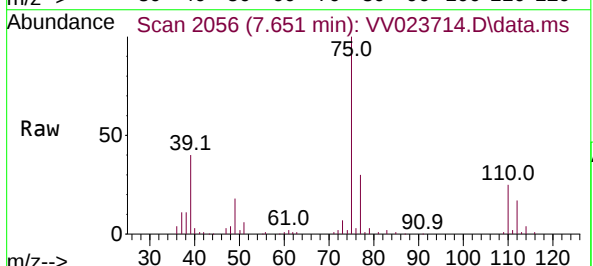
Acq: 24 Nov 2021 20:38

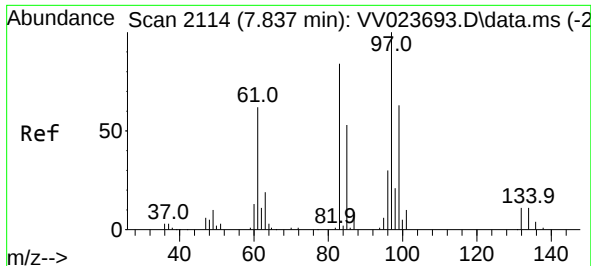
Tgt Ion: 75 Resp: 56012

Ion Ratio Lower Upper

75 100

77 29.9 21.8 40.4

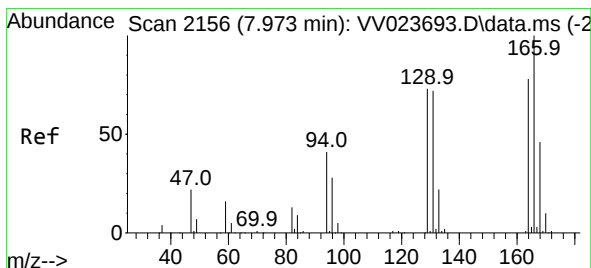
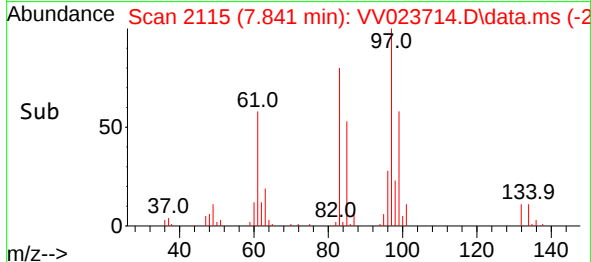
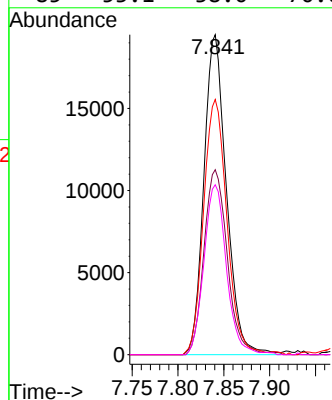
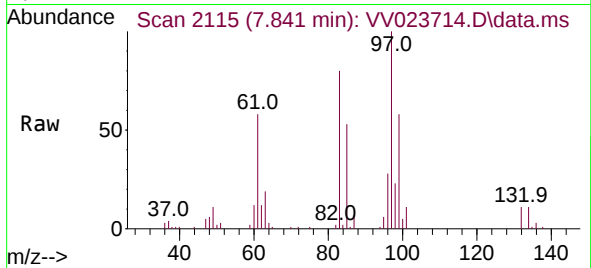




#45
1,1,2-Trichloroethane
Concen: 5.349 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

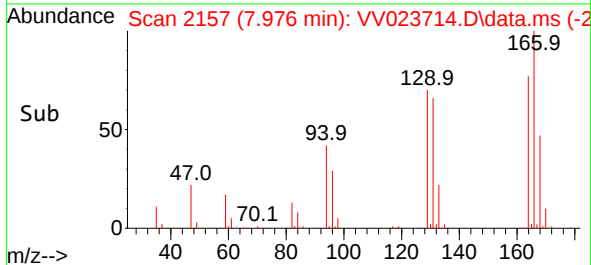
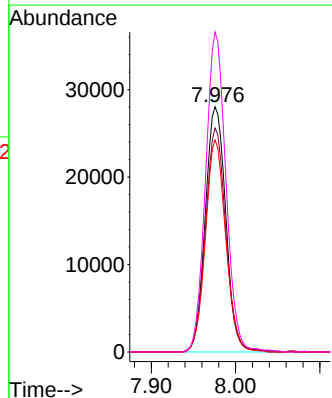
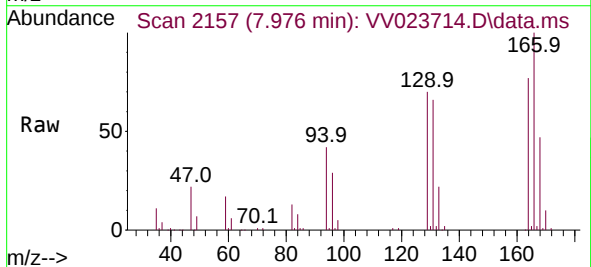
Instrument :
MSVOA_V
ClientSampleId :

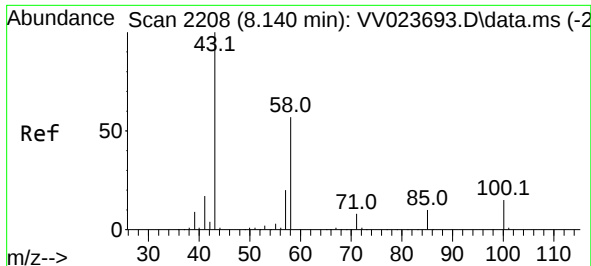
Tgt Ion:	97	Resp:	33247
Ion	Ratio	Lower	Upper
97	100		
99	57.8	43.1	80.1
83	79.7	57.9	107.5
85	53.1	38.0	70.6



#47
Tetrachloroethene
Concen: 5.175 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion:	164	Resp:	47656
Ion	Ratio	Lower	Upper
164	100		
129	91.3	62.6	116.2
131	86.4	61.0	113.4
166	130.5	87.3	162.1

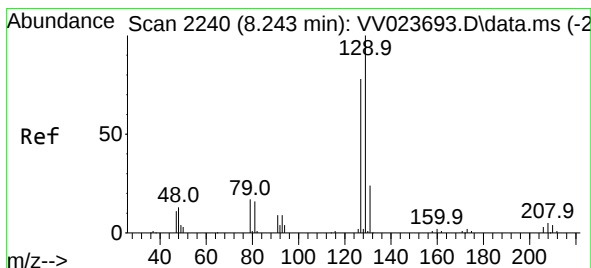
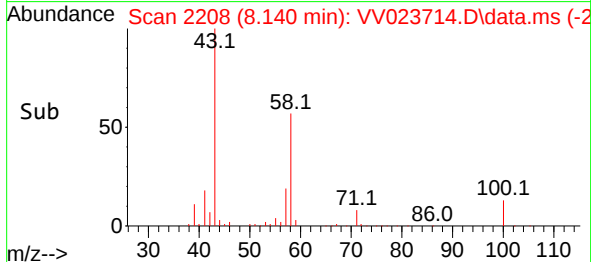
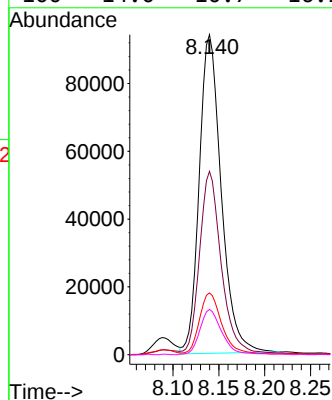
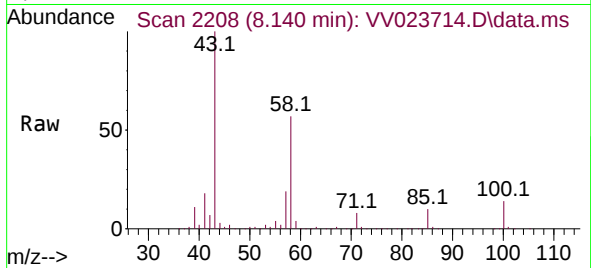




#48
2-Hexanone
Concen: 49.593 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

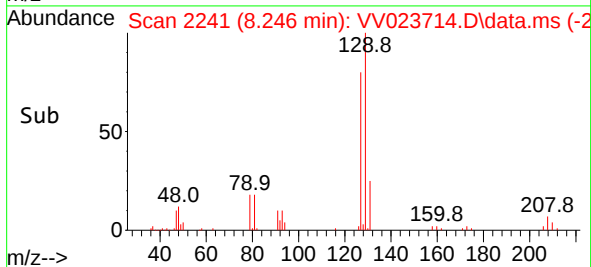
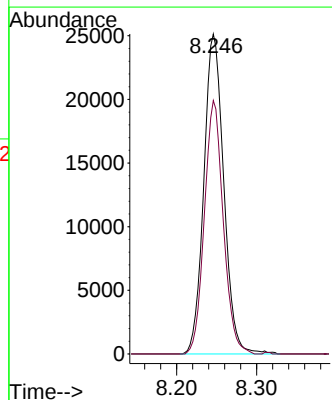
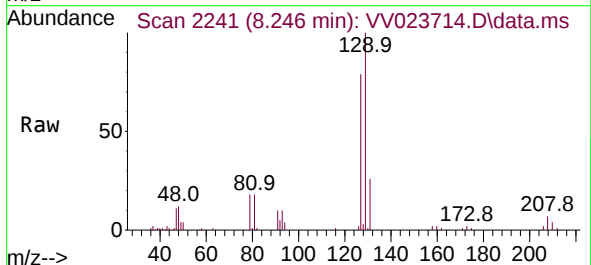
Instrument :
MSVOA_V
ClientSampleId :

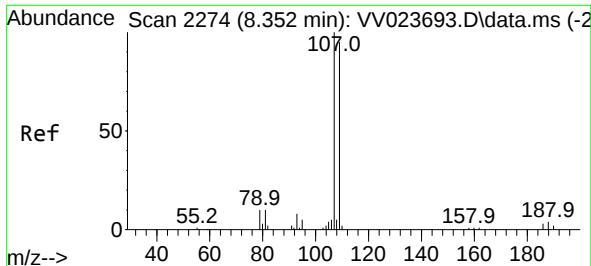
Tgt Ion: 43 Resp: 157076
Ion Ratio Lower Upper
43 100
58 56.9 44.5 66.7
57 19.5 15.1 22.7
100 14.0 10.7 16.1



#49
Dibromochloromethane
Concen: 5.126 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 129 Resp: 43661
Ion Ratio Lower Upper
129 100
127 79.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.208 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023714.D

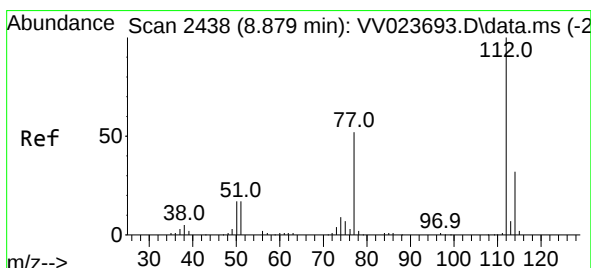
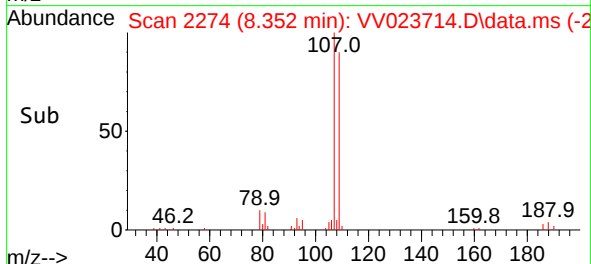
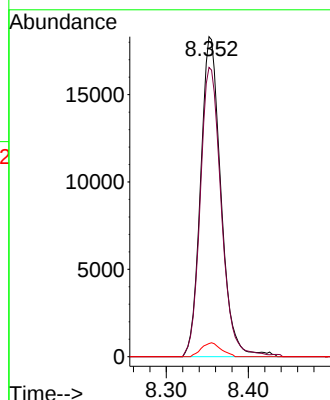
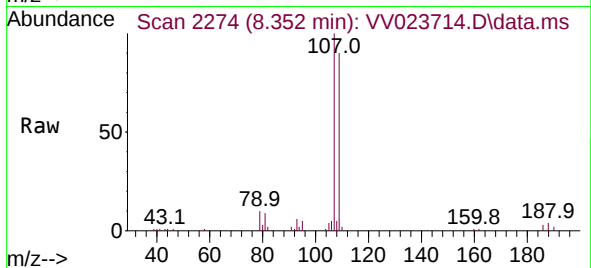
Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	31565
Ion Ratio	Lower	Upper
107	100	
109	90.4	62.5 116.1
188	4.1	3.4 5.2



#51

Chlorobenzene

Concen: 5.281 ug/L

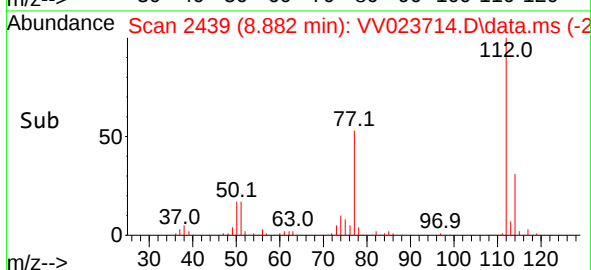
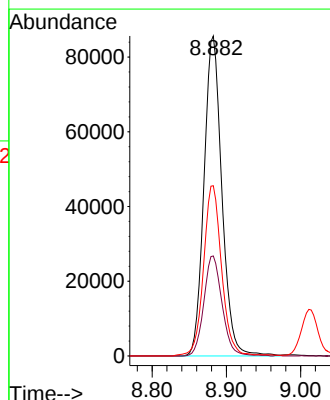
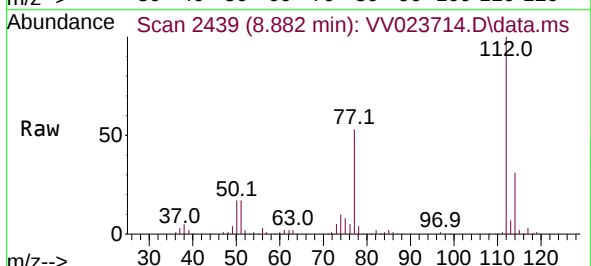
RT: 8.882 min Scan# 2439

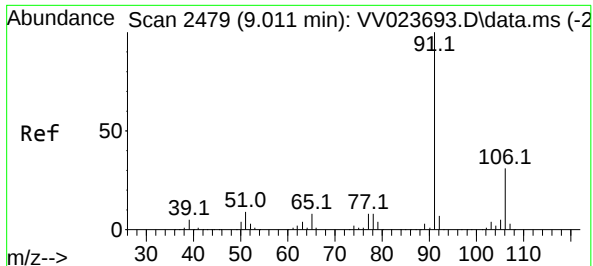
Delta R.T. 0.003 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Tgt Ion:112	Resp:	143396
Ion Ratio	Lower	Upper
112	100	
114	31.3	23.3 43.3
77	53.2	43.3 64.9





#52

Ethylbenzene

Concen: 5.355 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

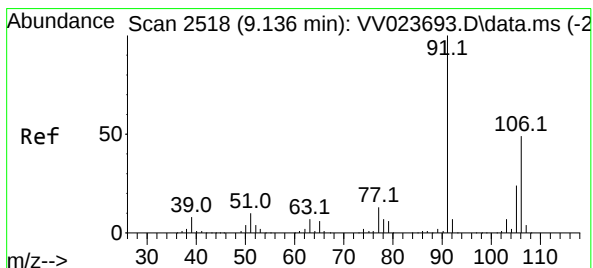
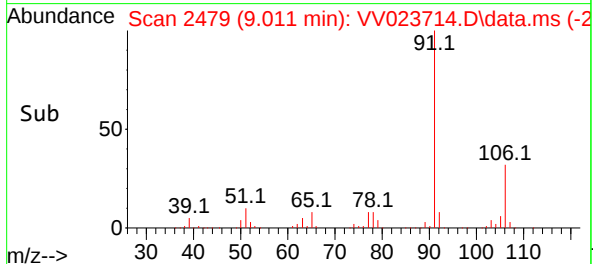
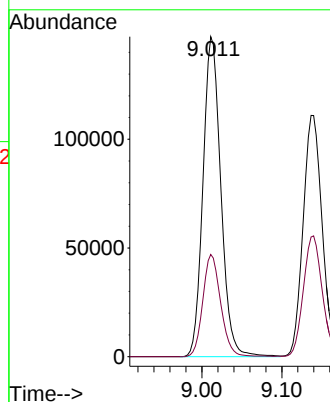
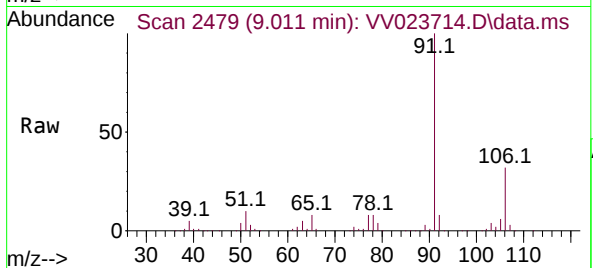
ClientSampleId :

Tgt Ion: 91 Resp: 229255

Ion Ratio Lower Upper

91 100

106 32.0 22.0 41.0



#53

m,p-xylene

Concen: 5.353 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023714.D

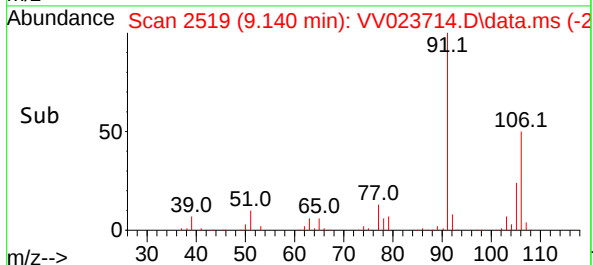
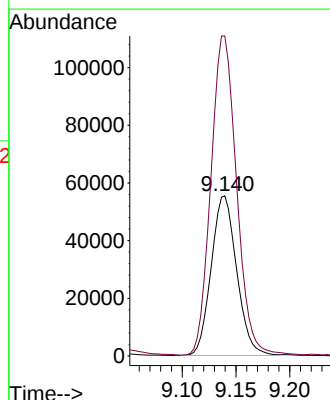
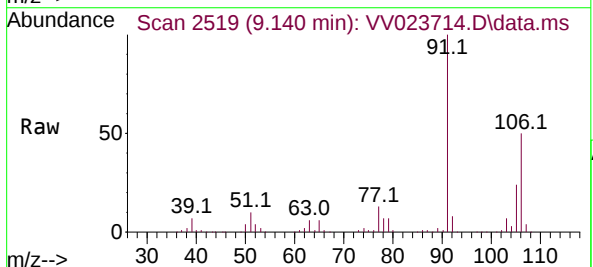
Acq: 24 Nov 2021 20:38

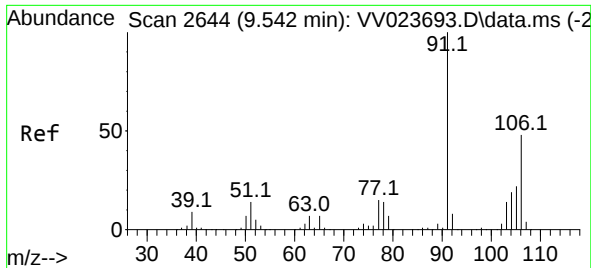
Tgt Ion:106 Resp: 91212

Ion Ratio Lower Upper

106 100

91 199.7 139.5 259.1

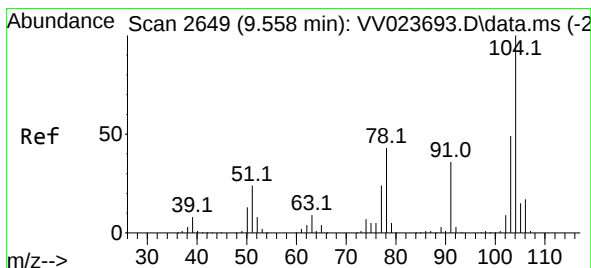
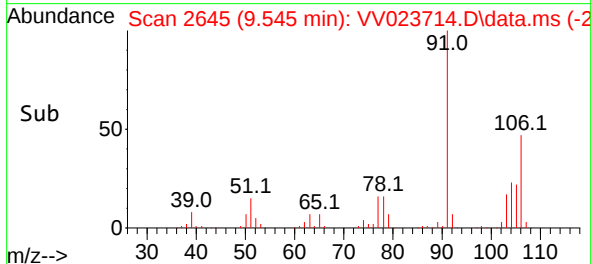
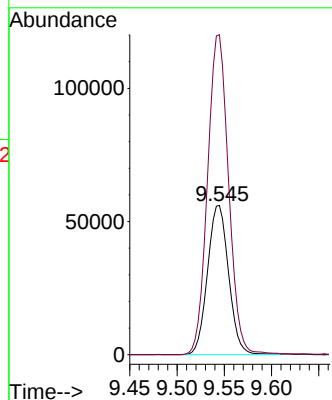
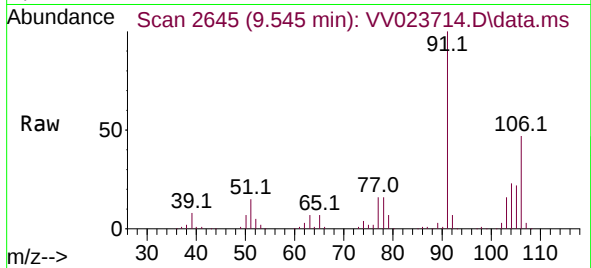




#54
o-xylene
Concen: 5.374 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

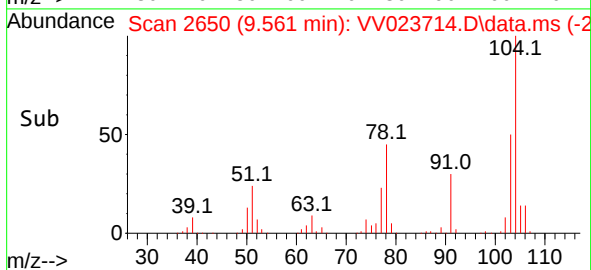
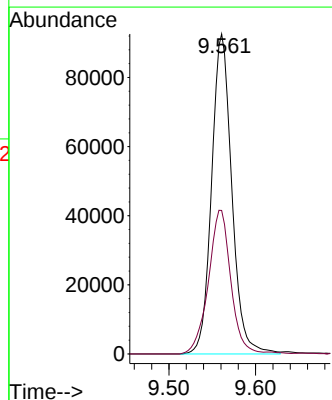
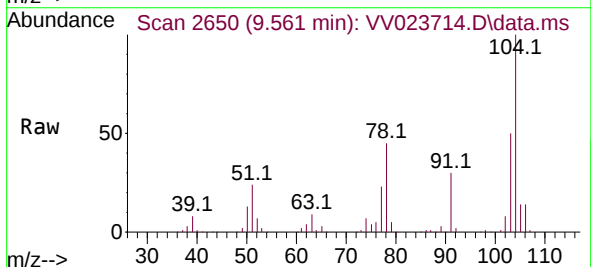
Instrument :
MSVOA_V
ClientSampleId :

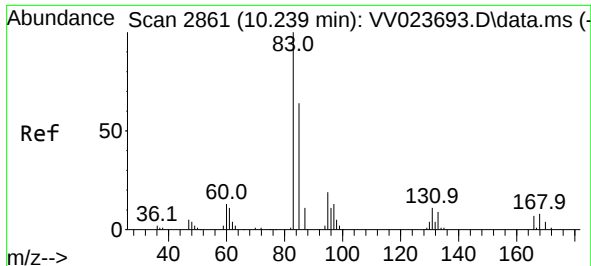
Tgt Ion:106 Resp: 87086
Ion Ratio Lower Upper
106 100
91 214.5 147.9 274.7



#55
Styrene
Concen: 5.496 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion:104 Resp: 150050
Ion Ratio Lower Upper
104 100
78 44.8 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.156 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV023714.D

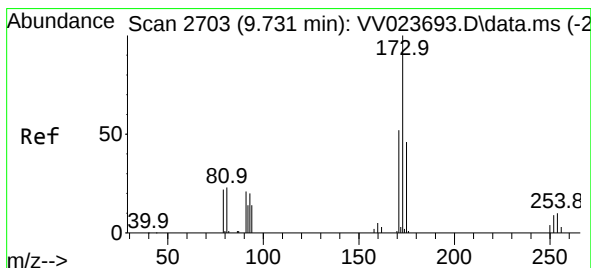
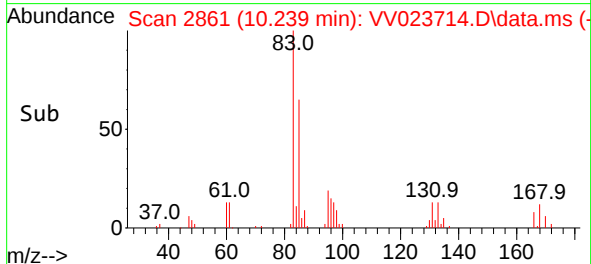
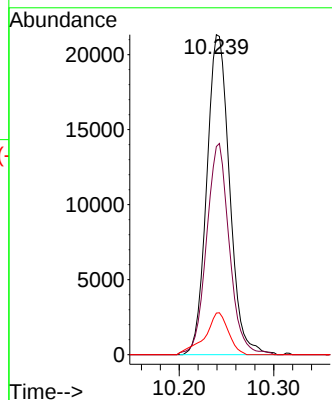
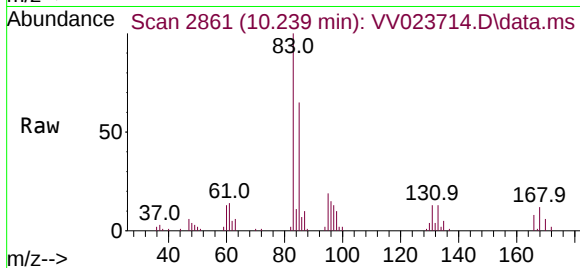
Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	35659
Ion	Ratio	Lower	Upper
83	100		
85	65.1	44.6	82.8
131	13.0	8.3	12.5#



#59

Bromoform

Concen: 4.765 ug/L

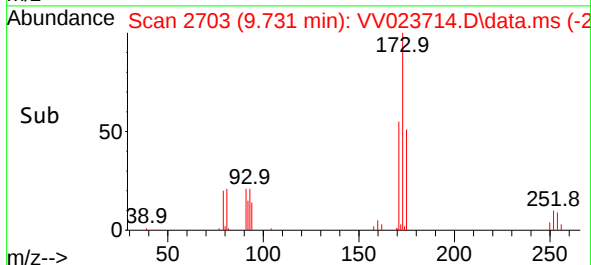
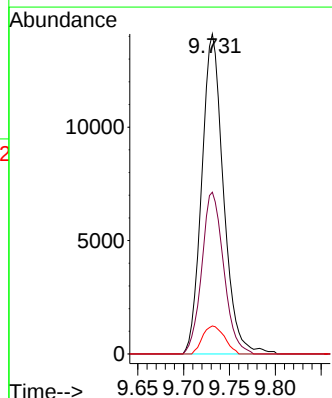
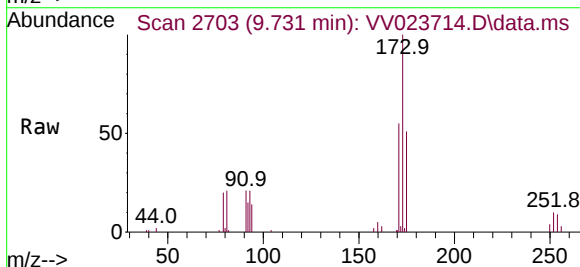
RT: 9.731 min Scan# 2703

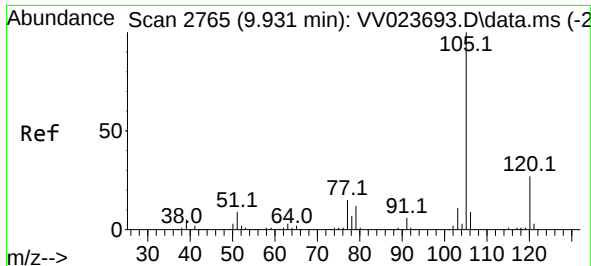
Delta R.T. -0.000 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Tgt Ion:	173	Resp:	23211
Ion	Ratio	Lower	Upper
173	100		
175	51.1	39.4	59.2
254	8.8	7.4	11.0

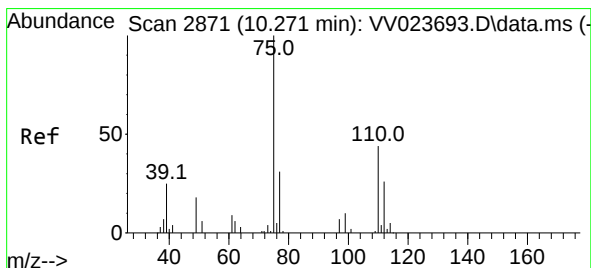
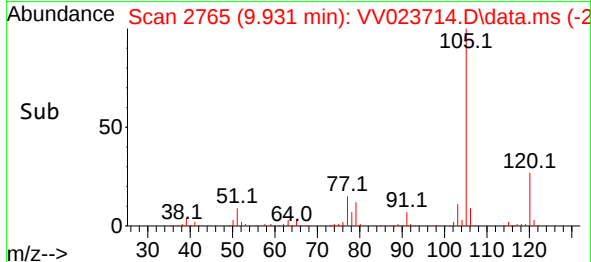
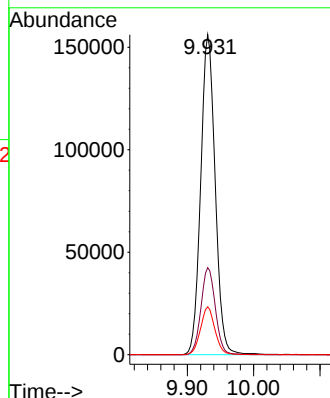
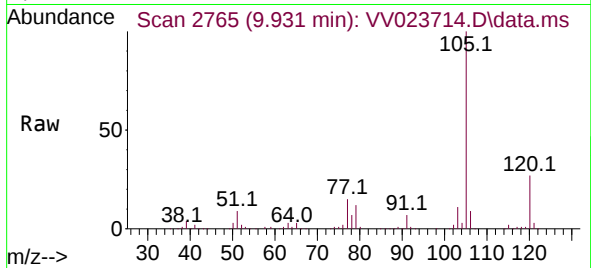




#60
Isopropylbenzene
Concen: 5.377 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

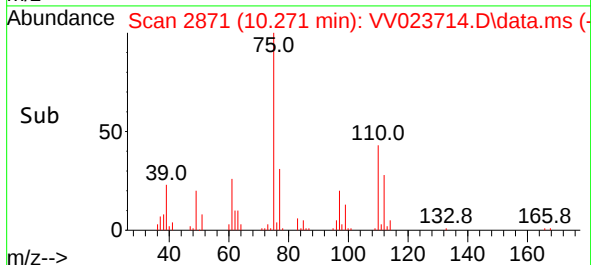
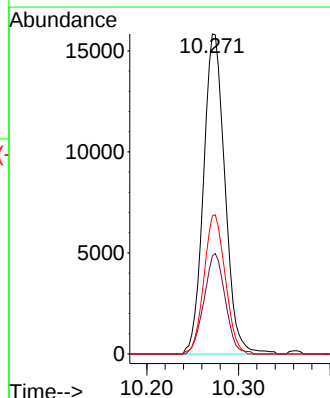
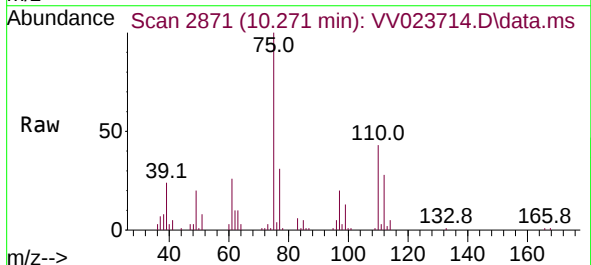
Instrument :
MSVOA_V
ClientSampleId :

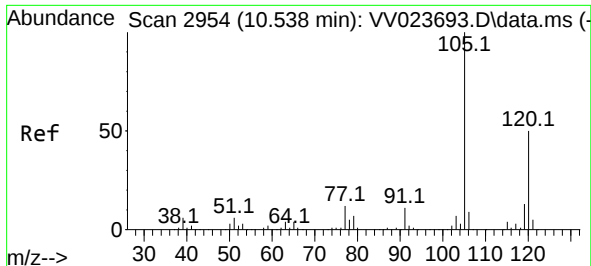
Tgt Ion:105 Resp: 236816
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 14.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.918 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 75 Resp: 25726
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
110 43.0 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.305 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

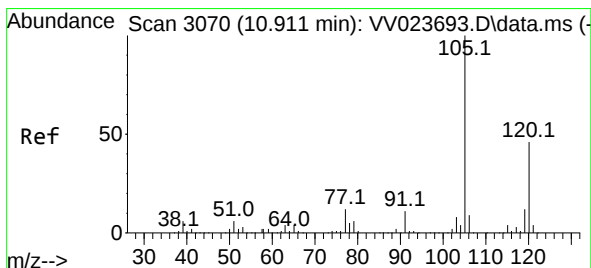
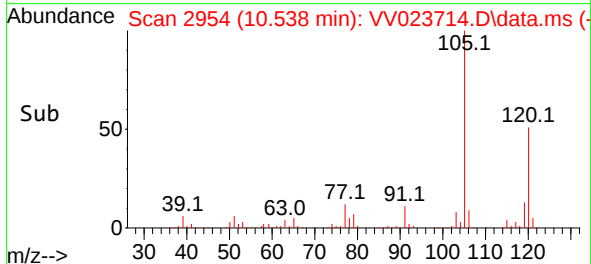
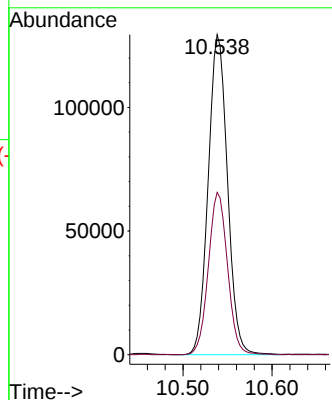
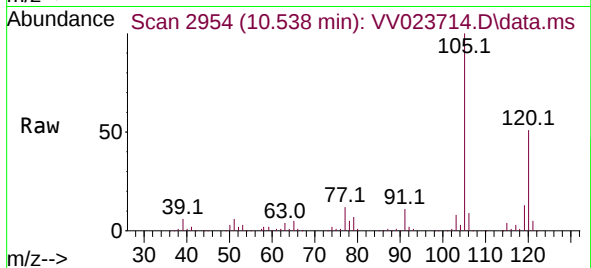
ClientSampleId :

Tgt Ion:105 Resp: 194429

Ion Ratio Lower Upper

105 100

120 50.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.472 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023714.D

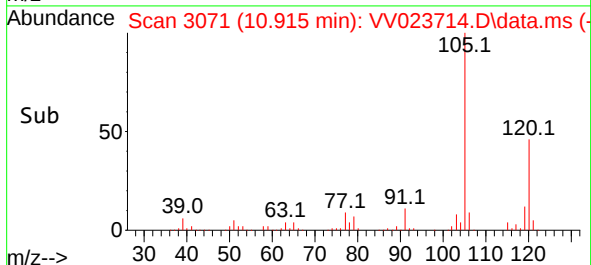
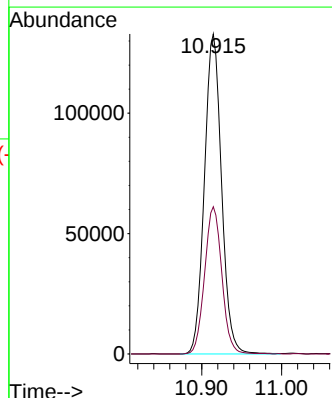
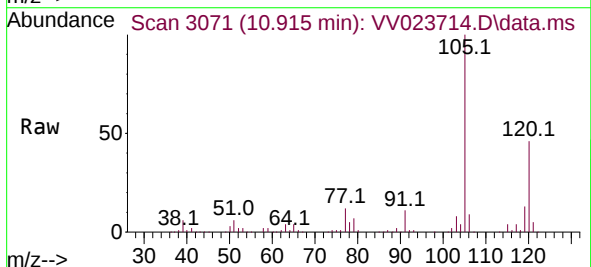
Acq: 24 Nov 2021 20:38

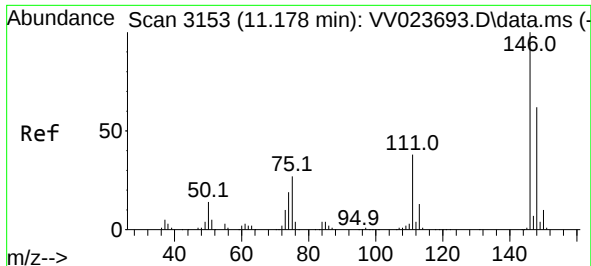
Tgt Ion:105 Resp: 198324

Ion Ratio Lower Upper

105 100

120 46.2 36.7 55.1

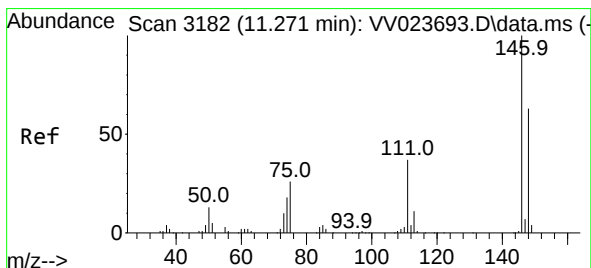
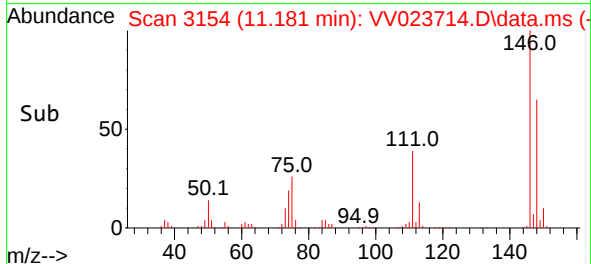
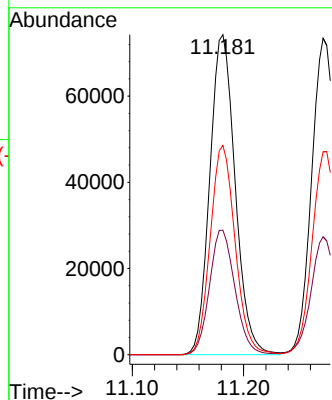
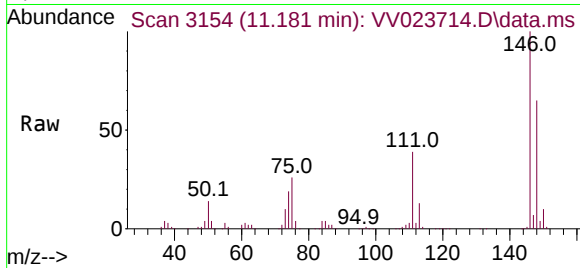




#64
1,3-Dichlorobenzene
Concen: 5.216 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

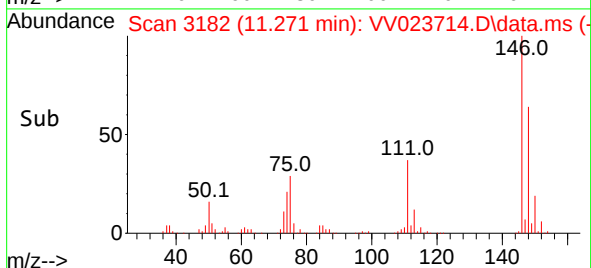
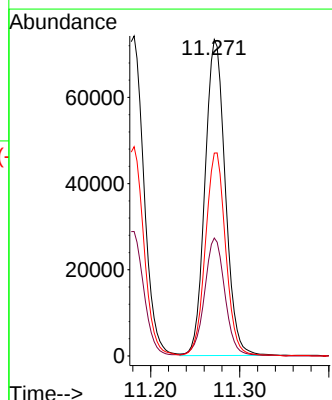
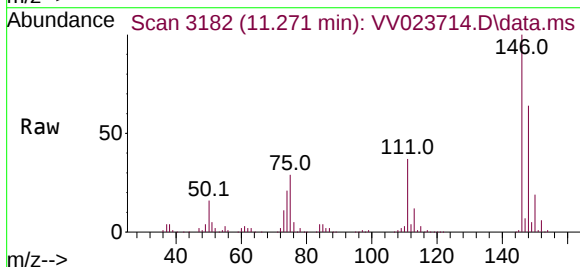
Instrument :
MSVOA_V
ClientSampleId :

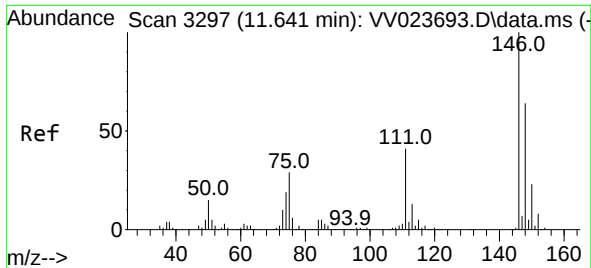
Tgt Ion:146 Resp: 117472
Ion Ratio Lower Upper
146 100
111 38.9 26.3 48.9
148 65.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.116 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion:146 Resp: 115799
Ion Ratio Lower Upper
146 100
111 37.3 25.6 47.6
148 64.1 44.8 83.2

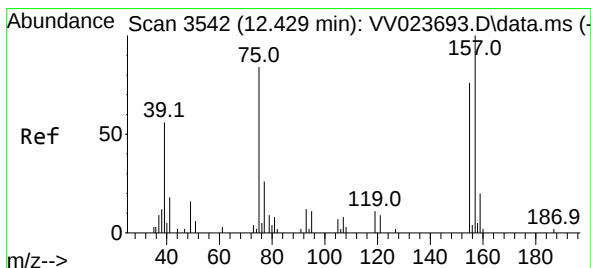
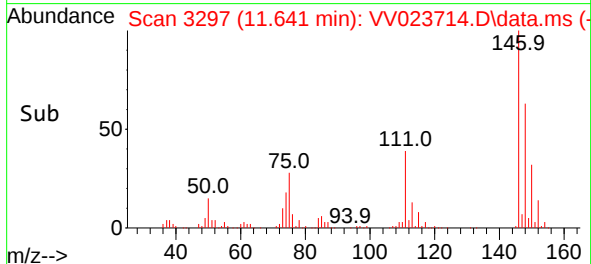
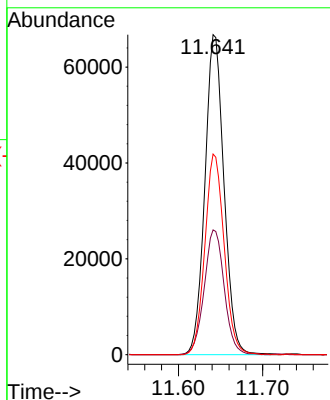
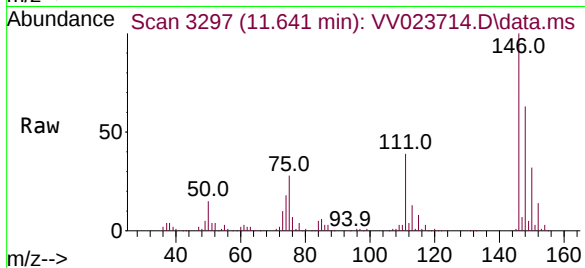




#67
1,2-Dichlorobenzene
Concen: 5.115 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

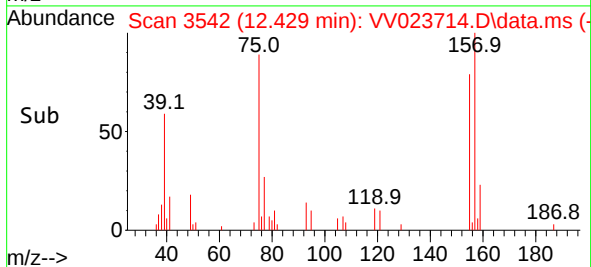
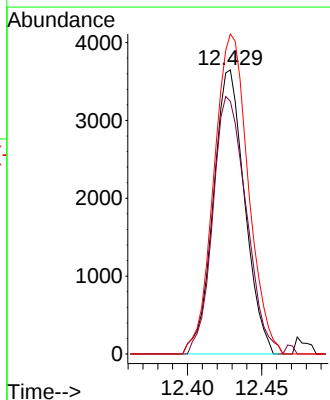
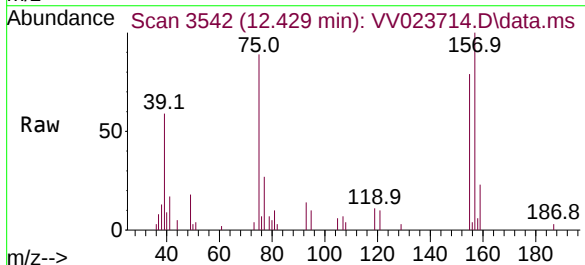
Instrument :
MSVOA_V
ClientSampleId :

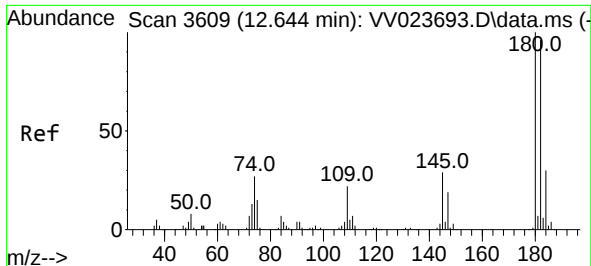
Tgt Ion:146 Resp: 105421
Ion Ratio Lower Upper
146 100
111 39.0 31.9 47.9
148 62.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.161 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023714.D
Acq: 24 Nov 2021 20:38

Tgt Ion: 75 Resp: 5362
Ion Ratio Lower Upper
75 100
155 88.9 71.7 107.5
157 112.7 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.110 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

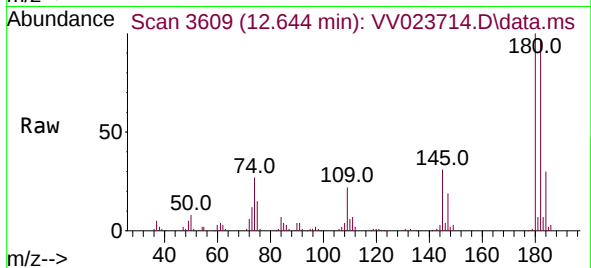
Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 89840

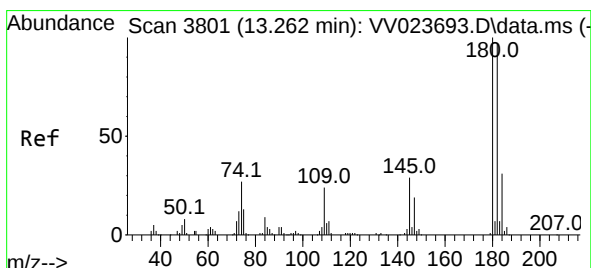
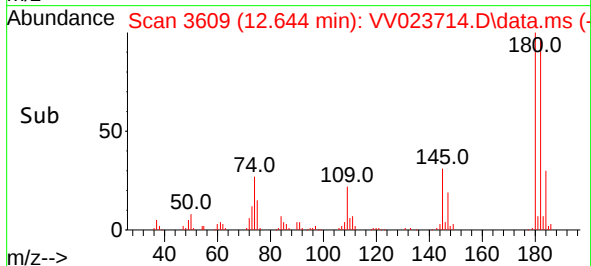
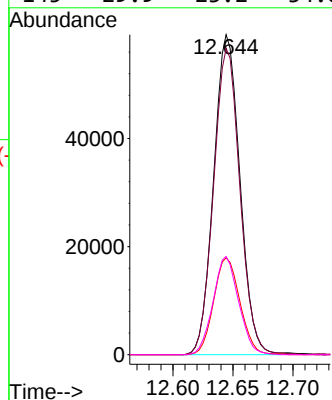
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

184 30.3 24.2 36.4

145 29.9 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.038 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

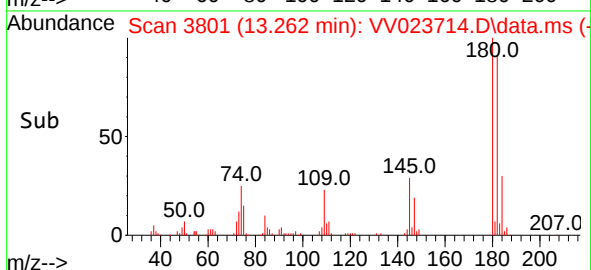
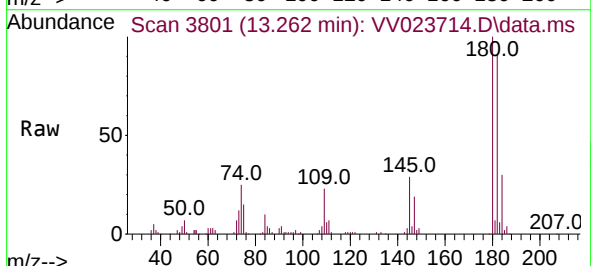
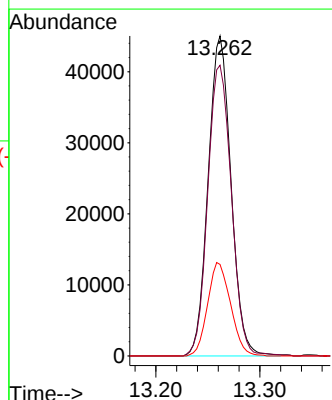
Tgt Ion:180 Resp: 68729

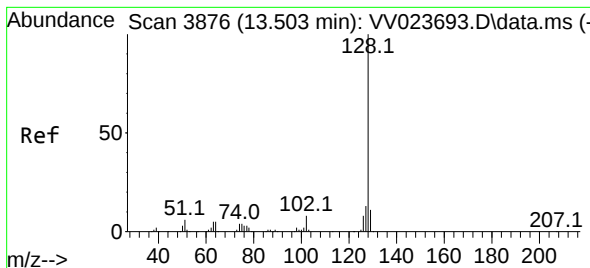
Ion Ratio Lower Upper

180 100

182 94.1 74.4 111.6

145 29.3 23.3 34.9





#71

Naphthalene

Concen: 4.835 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023714.D

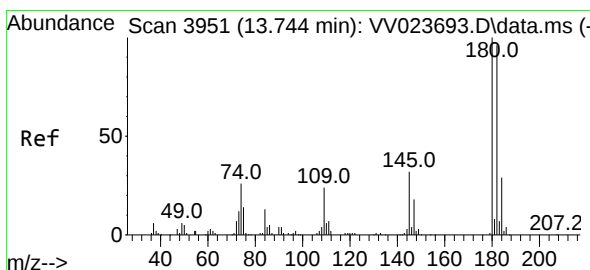
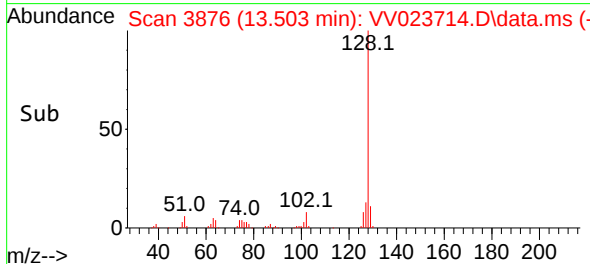
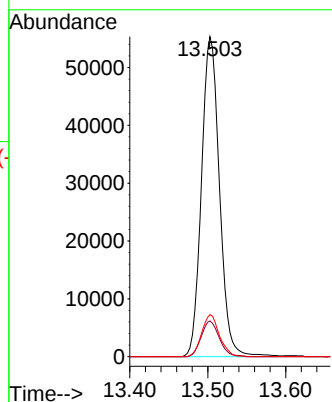
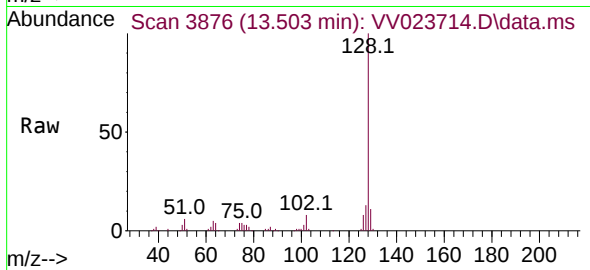
Acq: 24 Nov 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	88764
Ion Ratio	Lower	Upper
128	100	
129	11.1	9.0 13.4
127	12.9	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.146 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023714.D

Acq: 24 Nov 2021 20:38

Tgt Ion:180	Resp:	60829
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.8 115.2
145	30.4	25.8 38.6

