

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112921\
 Data File : VW023743.D
 Acq On : 29 Nov 2021 14:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 30 00:22:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 30 00:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125994	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43075	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	34780	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.108	63	81320	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.908	46	47948	38.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.120%
24) Chloroform-d	4.346	84	85120	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.031	65	41066	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	166709	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.069	67	47035	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.314	98	168530	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.622	79	18765	4.875	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.092	63	63367	49.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34724	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	62186	5.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48697	4.074	ug/L	99
3) Chloromethane	1.240	50	41284	3.973	ug/L	99
5) Vinyl chloride	1.311	62	44816	4.106	ug/L	97
6) Bromomethane	1.523	94	25524	4.124	ug/L	99
8) Chloroethane	1.584	64	27211	3.935	ug/L	95
9) Trichlorofluoromethane	1.754	101	78471	4.413	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	40325	4.525	ug/L	99
12) 1,1-Dichloroethene	2.118	96	37157	4.402	ug/L	86
13) Acetone	2.195	43	20571	18.386	ug/L #	51
14) Carbon disulfide	2.294	76	102914	3.627	ug/L	100
15) Methyl Acetate	2.442	43	10522	4.143	ug/L	96
16) Methylene chloride	2.507	84	53089	4.407	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	82319	4.758	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	40851	4.249	ug/L	98
19) 1,1-Dichloroethane	3.188	63	73061	4.519	ug/L	95
21) 2-Butanone	3.989	43	50311	35.527	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	42540	4.613	ug/L	93
23) Bromochloromethane	4.246	128	20028	4.628	ug/L	95
25) Chloroform	4.375	83	82958	4.606	ug/L	100

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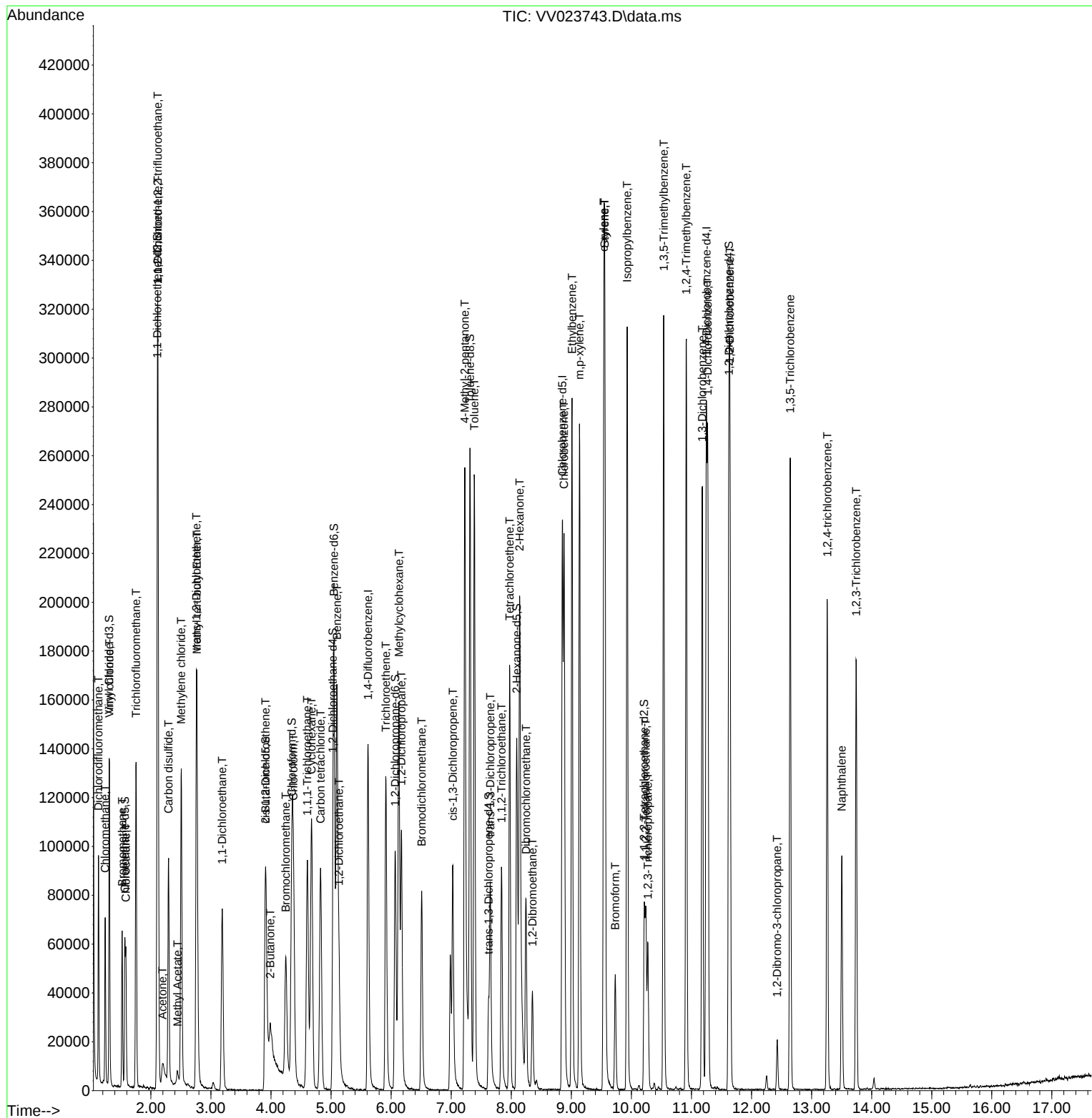
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	44624	4.660	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	75386	4.613	ug/L	99
30) Cyclohexane	4.674	56	56818	4.166	ug/L	99
31) Carbon tetrachloride	4.825	117	68267	4.561	ug/L	98
33) Benzene	5.098	78	163671	4.591	ug/L	100
34) Trichloroethene	5.912	95	43961	4.603	ug/L	95
35) Methylcyclohexane	6.130	83	64087	4.304	ug/L	98
37) 1,2-Dichloropropane	6.172	63	40010	4.721	ug/L	100
38) Bromodichloromethane	6.510	83	55822	4.854	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	56254	4.665	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	202202	49.985	ug/L	99
42) Toluene	7.384	91	186716	4.830	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	50348	4.968	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	29714	5.064	ug/L	98
47) Tetrachloroethene	7.973	164	39709	4.568	ug/L	99
48) 2-Hexanone	8.140	43	150207	50.239	ug/L	100
49) Dibromochloromethane	8.246	129	40735	5.066	ug/L	99
50) 1,2-Dibromoethane	8.352	107	27686	4.839	ug/L	99
51) Chlorobenzene	8.879	112	122846	4.793	ug/L	98
52) Ethylbenzene	9.011	91	195063	4.827	ug/L	98
53) m,p-xylene	9.137	106	76549	4.759	ug/L	99
54) o-xylene	9.542	106	73490	4.804	ug/L	100
55) Styrene	9.558	104	128547	4.988	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32517	4.981	ug/L	97
59) Bromoform	9.731	173	22254	4.869	ug/L	97
60) Isopropylbenzene	9.931	105	200789	4.859	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23443	4.777	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	165014	4.799	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	165159	4.857	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	103371	4.893	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	102647	4.834	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	93762	4.849	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4655	4.776	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.644	180	80777	4.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	61138	4.777	ug/L	98
71) Naphthalene	13.503	128	77381	4.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54319	4.898	ug/L	99

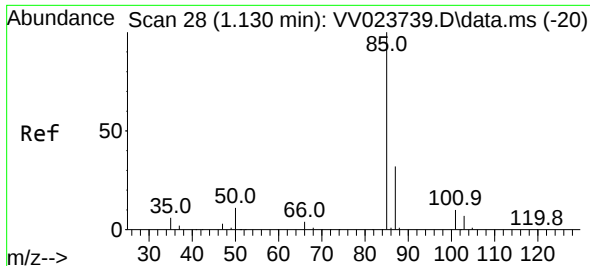
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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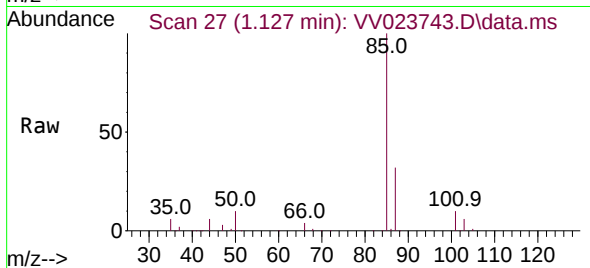
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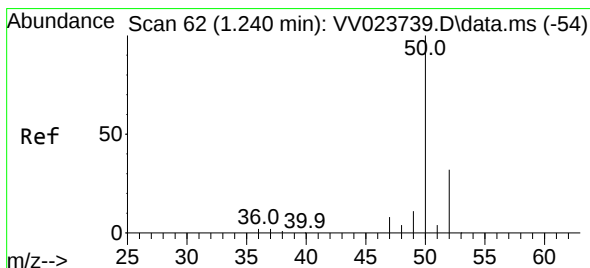
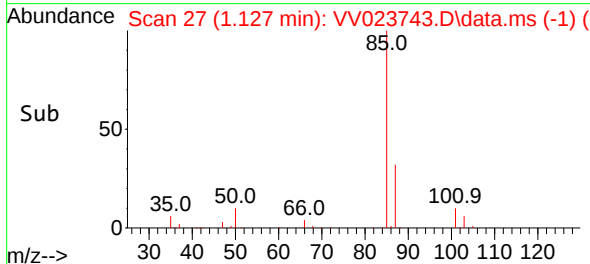
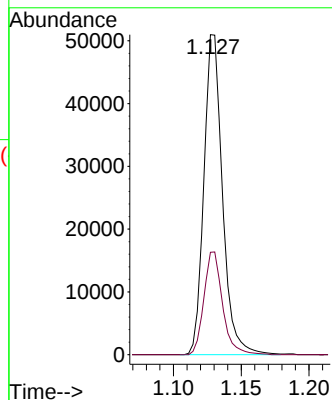


#2
 Dichlorodifluoromethane
 Concen: 4.074 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

Instrument :
 MSVOA_V
 ClientSampleId :

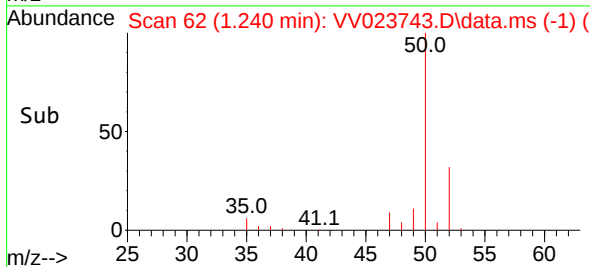
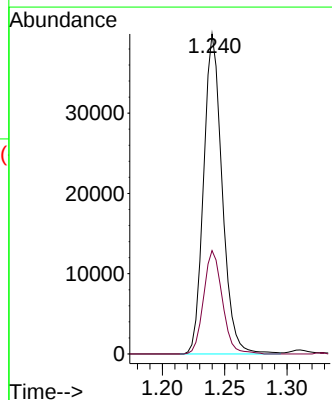
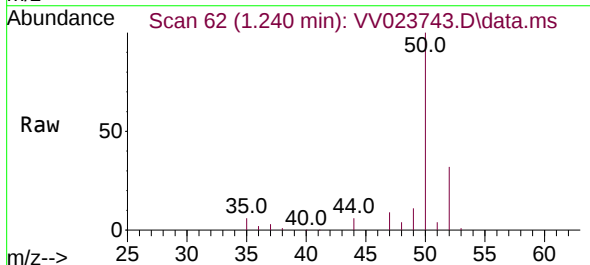


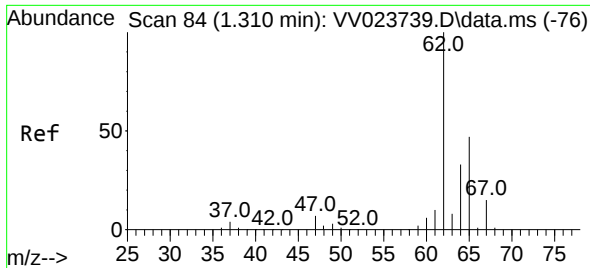
Tgt Ion: 85 Resp: 48697
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 3.973 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

Tgt Ion: 50 Resp: 41284
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 41.0

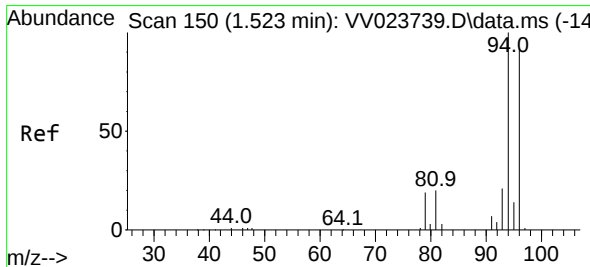
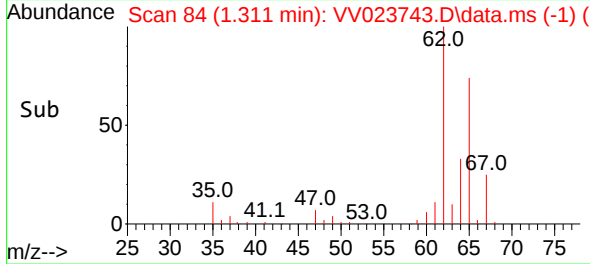
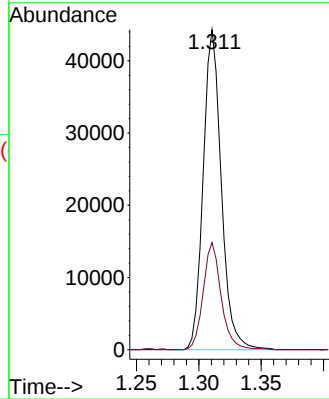
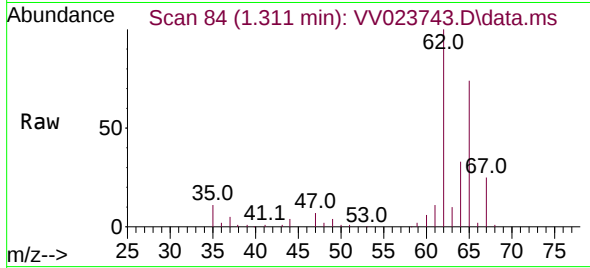




#5
 Vinyl chloride
 Concen: 4.106 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

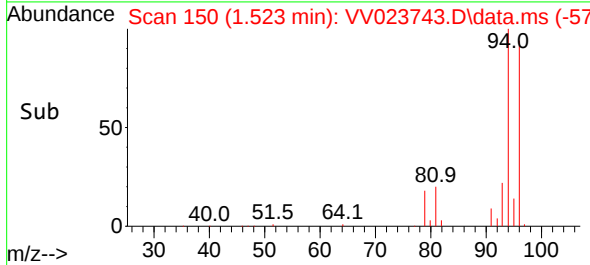
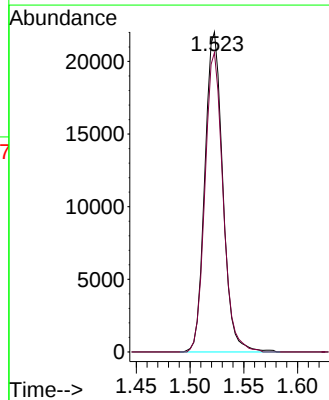
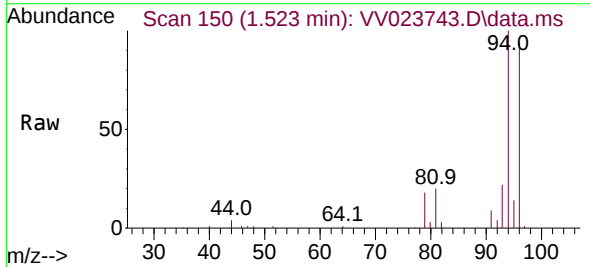
Instrument :
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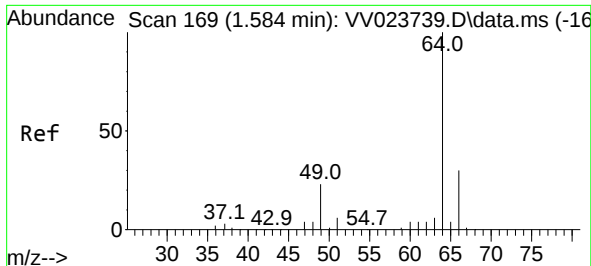
Tgt Ion: 62 Resp: 44816
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 4.124 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

Tgt Ion: 94 Resp: 25524
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.2 123.0

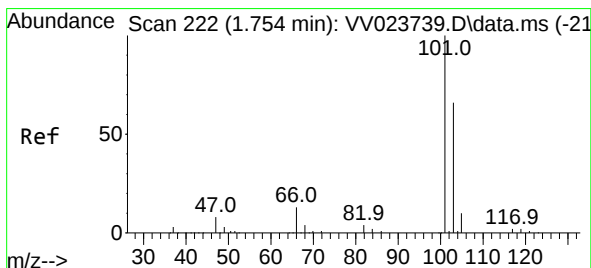
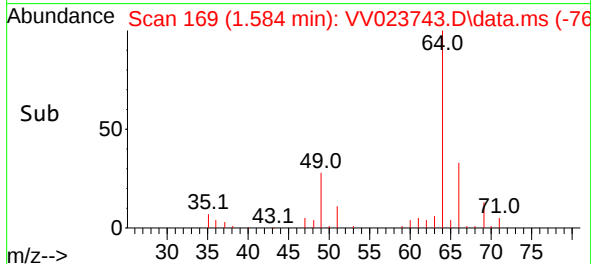
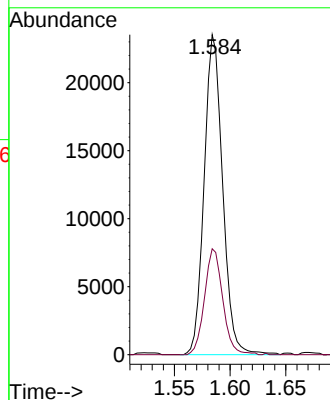
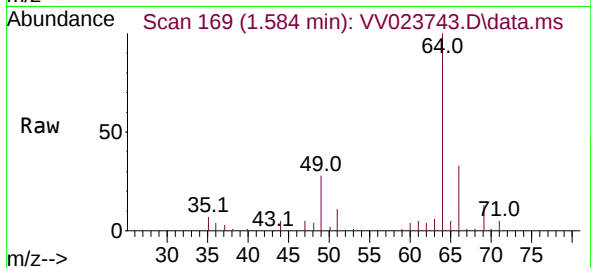




#8
Chloroethane
Concen: 3.935 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

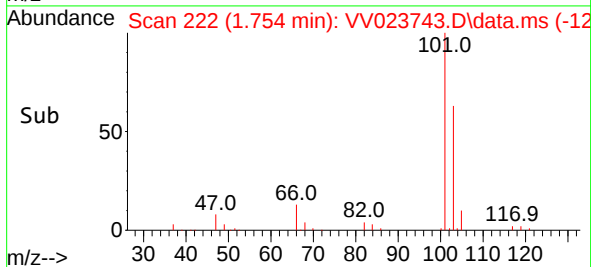
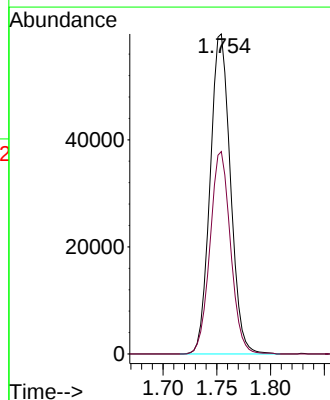
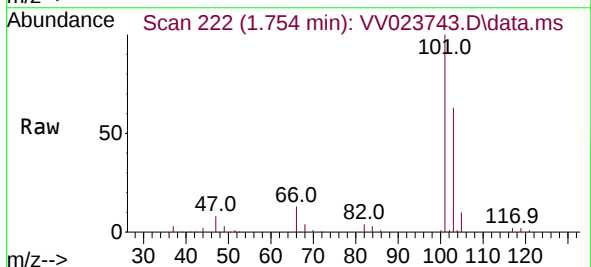
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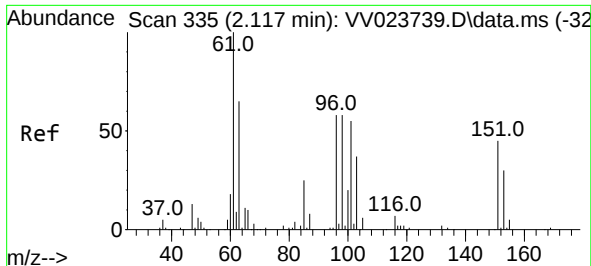
Tgt Ion: 64 Resp: 27211
Ion Ratio Lower Upper
64 100
66 33.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.413 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion:101 Resp: 78471
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

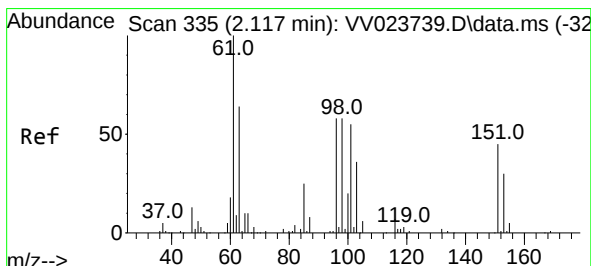
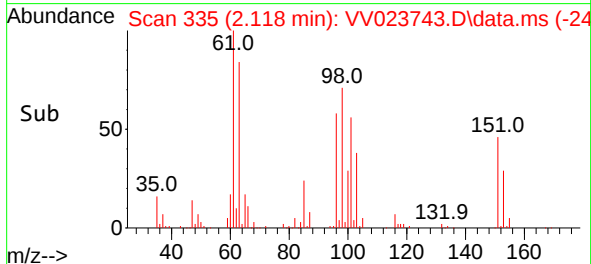
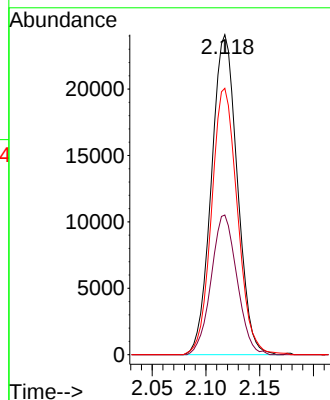
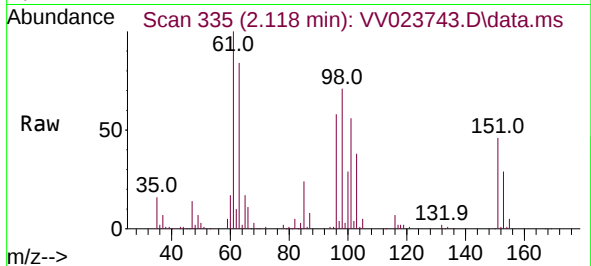




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.525 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

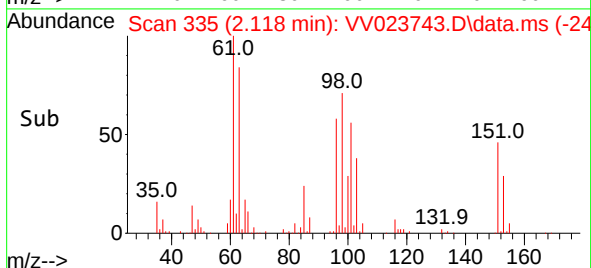
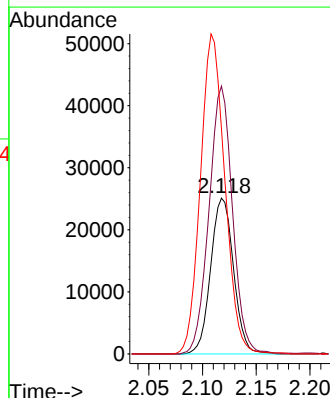
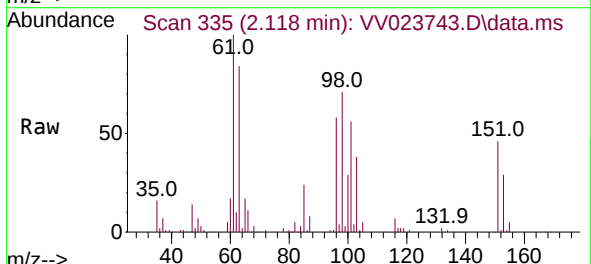
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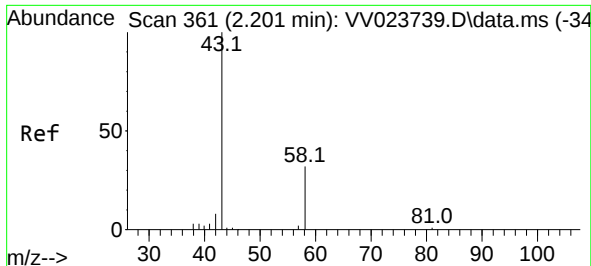
Tgt Ion:101 Resp: 40325
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.0 54.0
 151 83.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.402 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

Tgt Ion: 96 Resp: 37157
 Ion Ratio Lower Upper
 96 100
 61 171.9 116.1 215.5
 63 144.3 79.4 147.4





#13

Acetone

Concen: 18.386 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

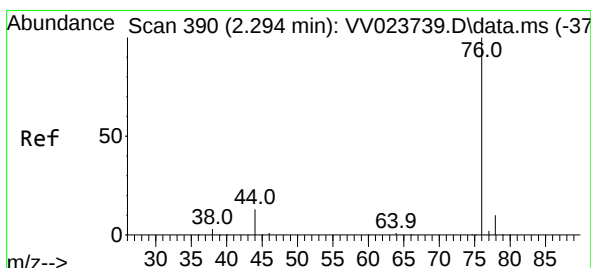
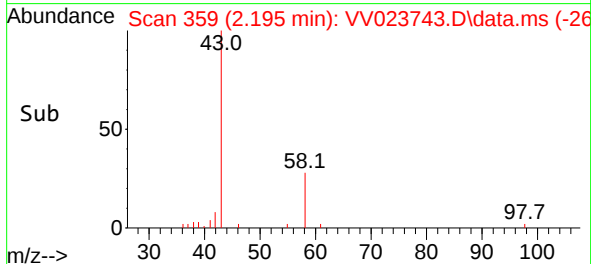
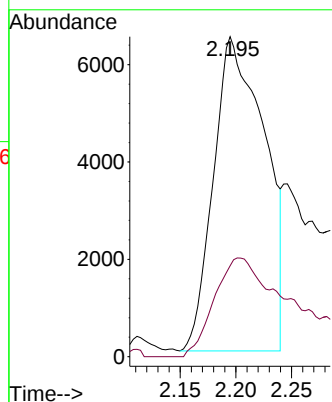
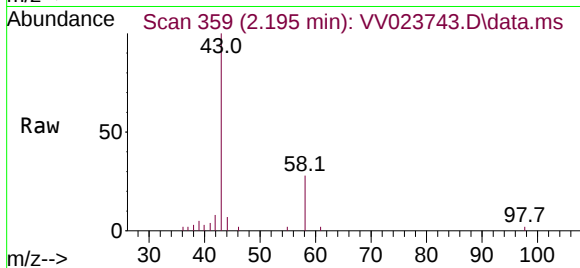
ClientSampleId :

Tgt Ion: 43 Resp: 20571

Ion Ratio Lower Upper

43 100

58 43.4 0.0 41.4#



#14

Carbon disulfide

Concen: 3.627 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

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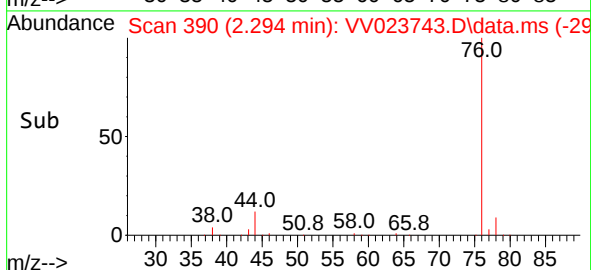
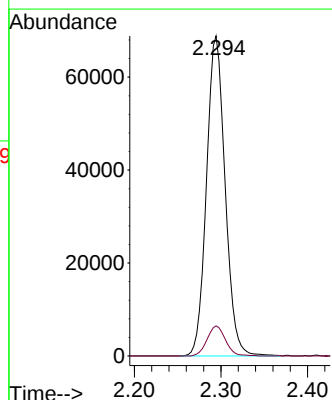
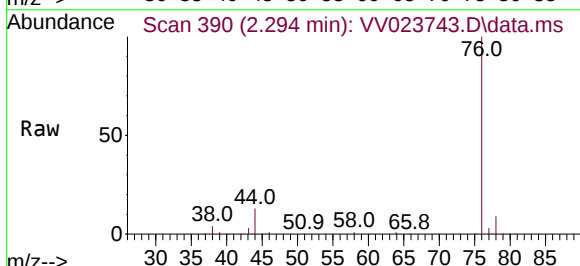
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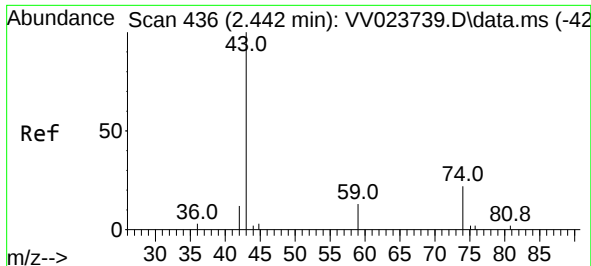
Tgt Ion: 76 Resp: 102914

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

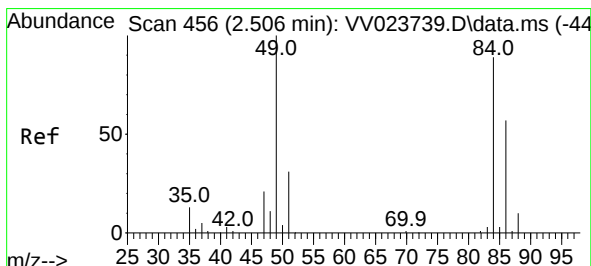
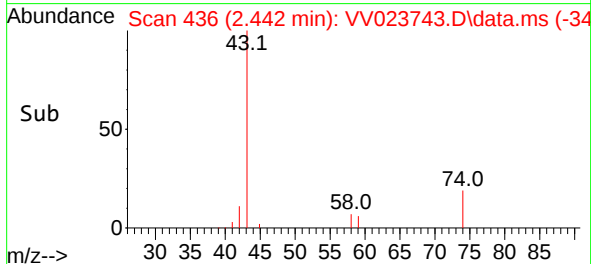
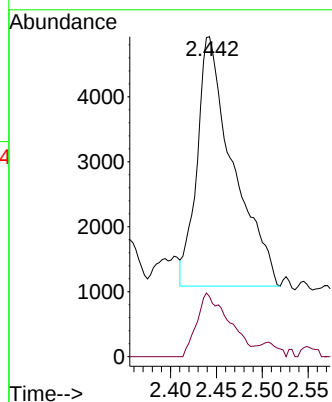
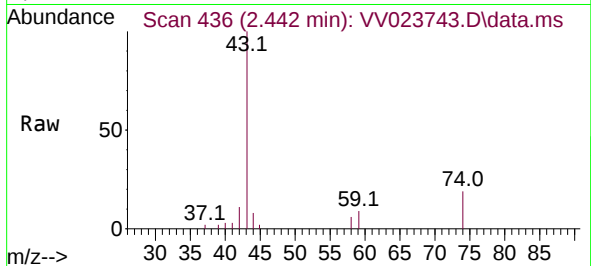




#15
Methyl Acetate
Concen: 4.143 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

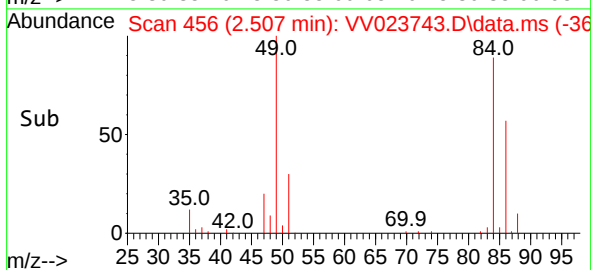
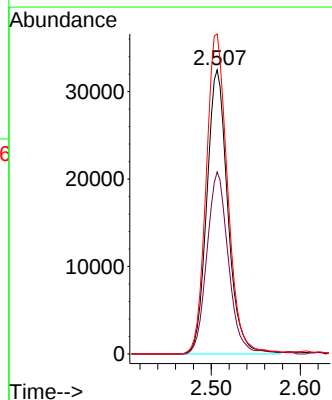
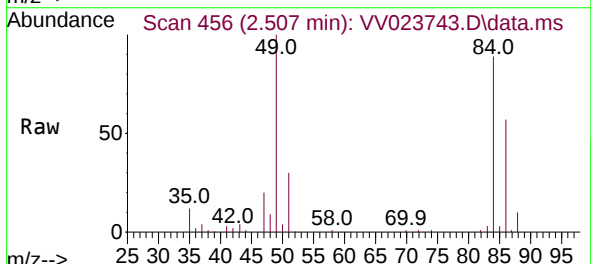
Instrument :
MSVOA_V
ClientSampleId :

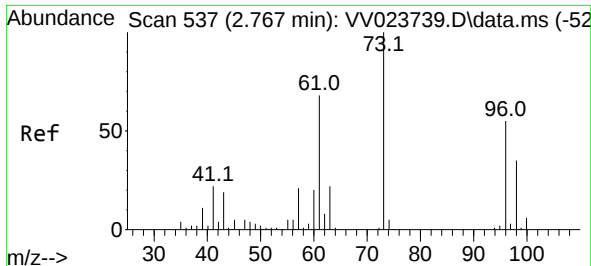
Tgt Ion: 43 Resp: 10522
Ion Ratio Lower Upper
43 100
74 22.9 20.2 30.2



#16
Methylene chloride
Concen: 4.407 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 84 Resp: 53089
Ion Ratio Lower Upper
84 100
86 64.1 42.6 79.0
49 112.6 79.7 147.9

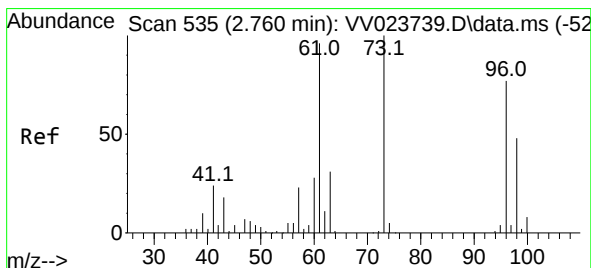
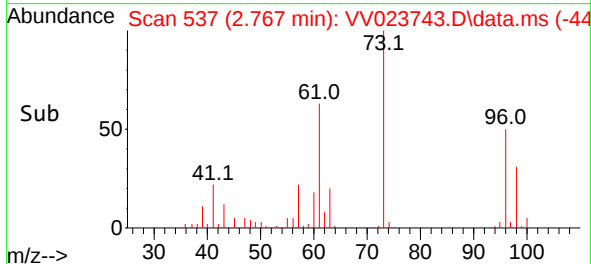
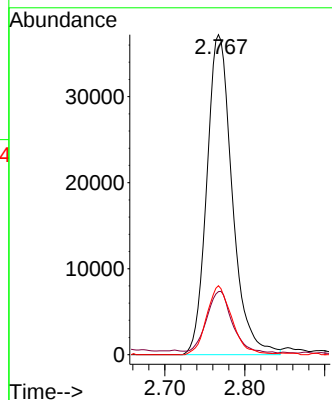
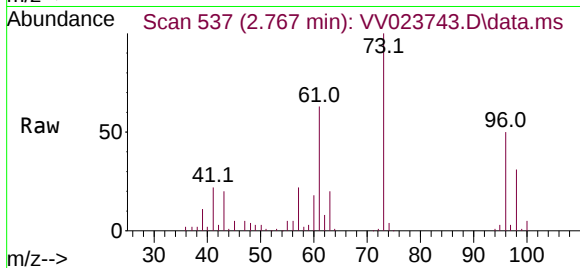




#17
Methyl tert-butyl Ether
Concen: 4.758 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

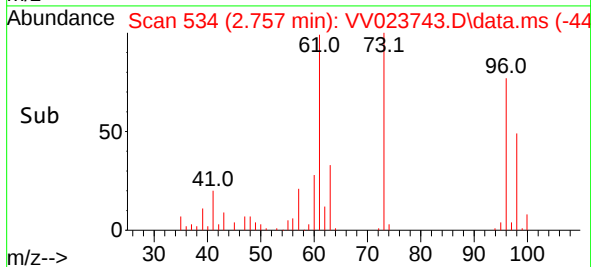
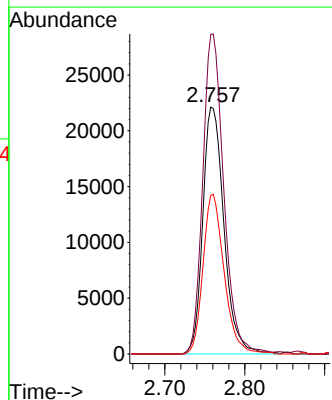
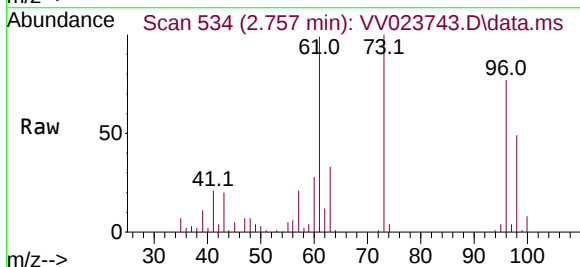
Instrument :
MSVOA_V
ClientSampleId :

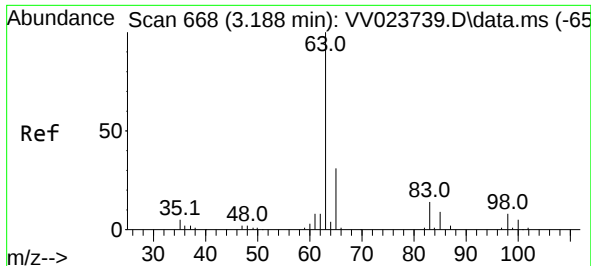
Tgt Ion: 73 Resp: 82319
Ion Ratio Lower Upper
73 100
43 19.4 15.5 23.3
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.249 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 96 Resp: 40851
Ion Ratio Lower Upper
96 100
61 129.5 88.2 163.8
98 64.3 44.9 83.5

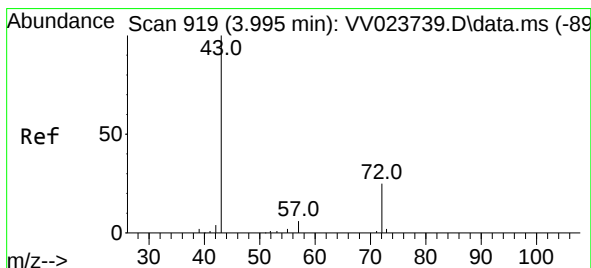
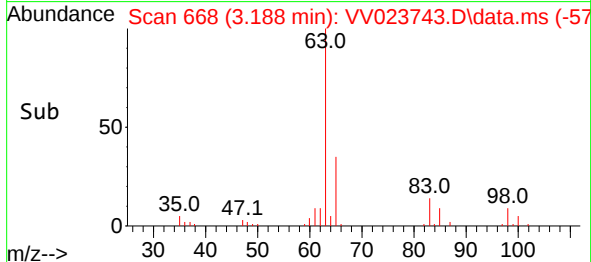
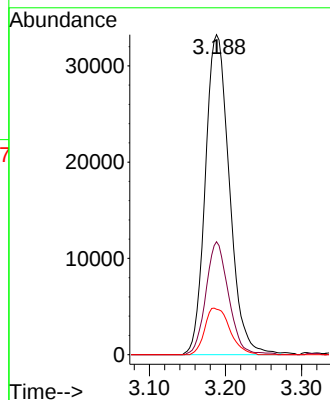
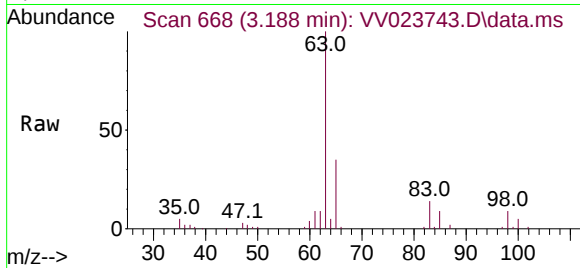




#19
1,1-Dichloroethane
Concen: 4.519 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

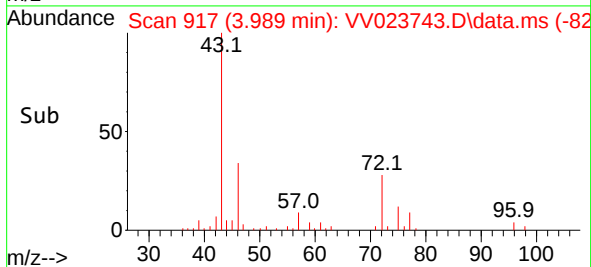
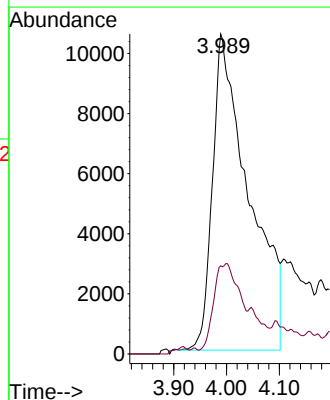
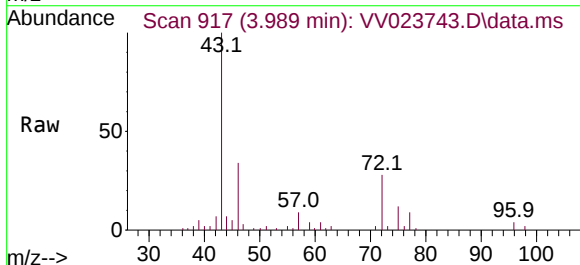
Instrument :
MSVOA_V
ClientSampleId :

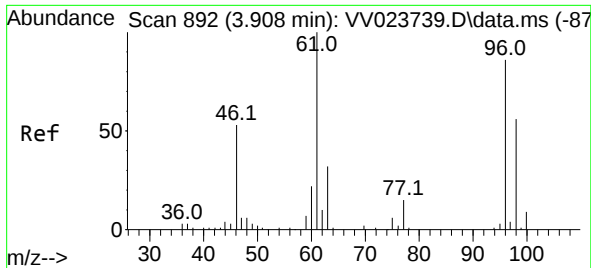
Tgt Ion: 63 Resp: 73061
Ion Ratio Lower Upper
63 100
65 35.3 22.3 41.3
83 14.2 10.7 19.9



#21
2-Butanone
Concen: 35.527 ug/L
RT: 3.989 min Scan# 917
Delta R.T. -0.006 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

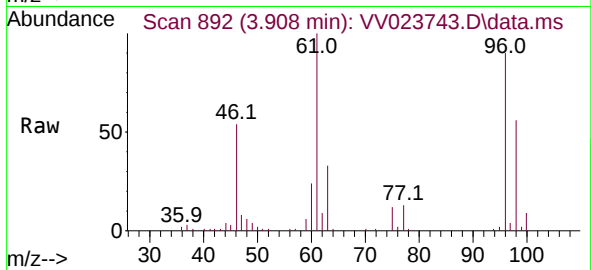
Tgt Ion: 43 Resp: 50311
Ion Ratio Lower Upper
43 100
72 19.5 11.1 33.1



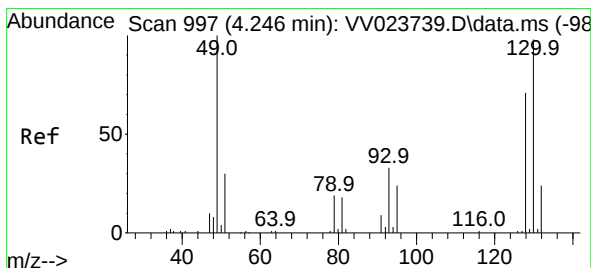
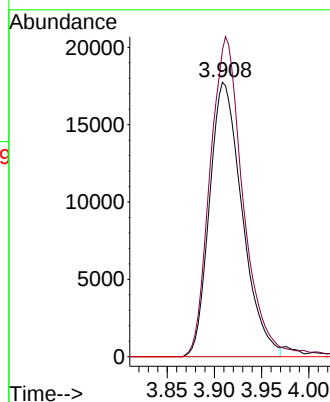
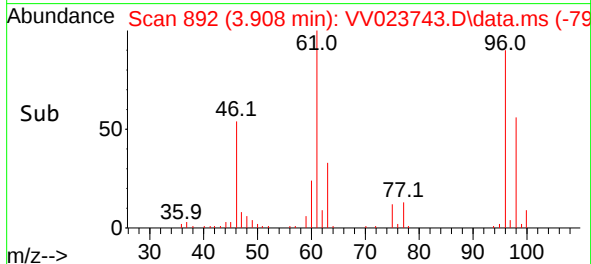


#22
 cis-1,2-Dichloroethene
 Concen: 4.613 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

Instrument :
 MSVOA_V
 ClientSampleId :

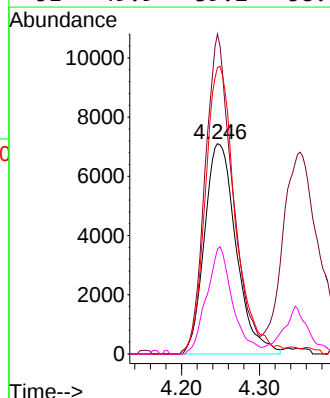
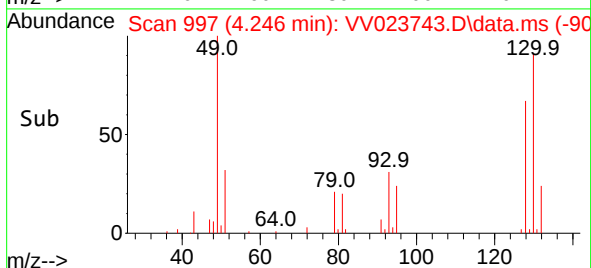
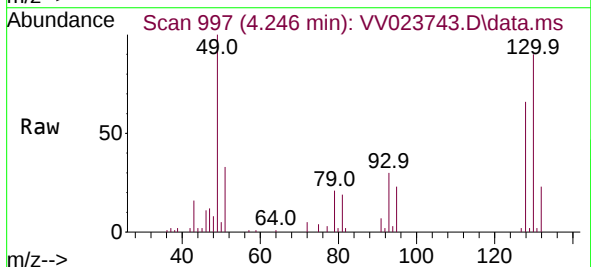


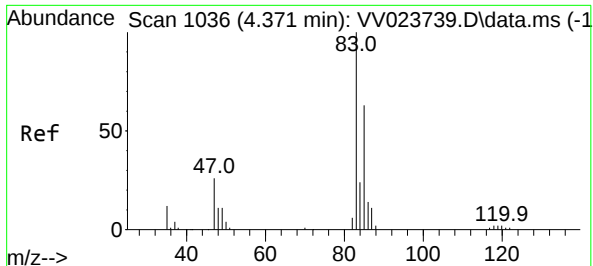
Tgt Ion: 96 Resp: 42540
 Ion Ratio Lower Upper
 96 100
 61 111.6 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.628 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

Tgt Ion: 128 Resp: 20028
 Ion Ratio Lower Upper
 128 100
 49 152.2 100.2 186.2
 130 136.3 92.5 171.7
 51 49.9 39.2 58.8





#25

Chloroform

Concen: 4.606 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

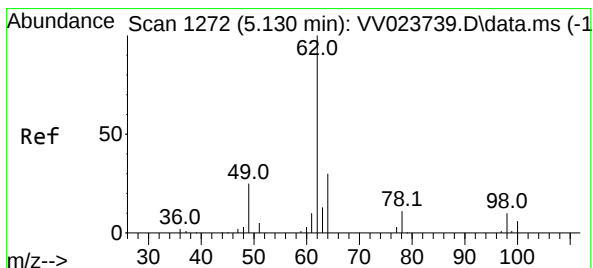
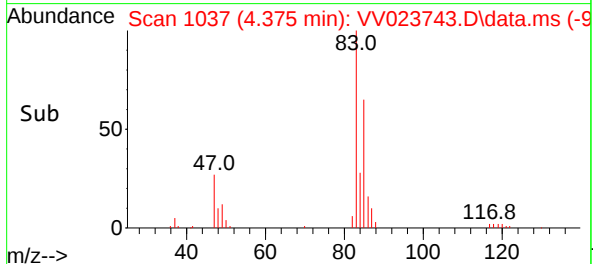
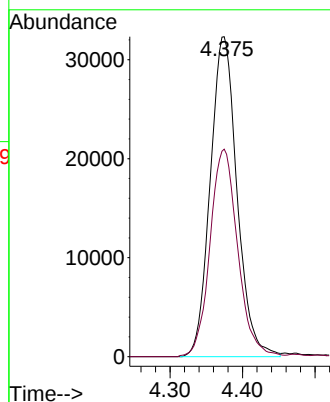
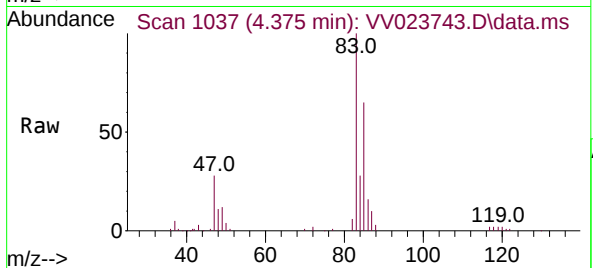
ClientSampleId :

Tgt Ion: 83 Resp: 82958

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.660 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV023743.D

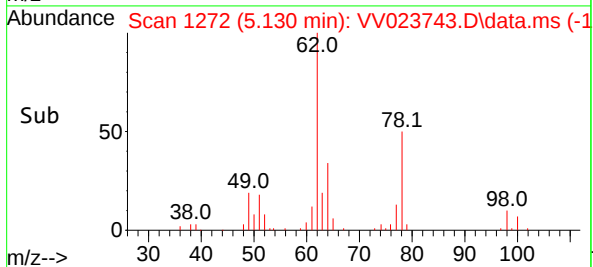
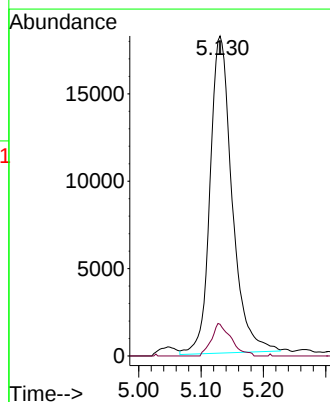
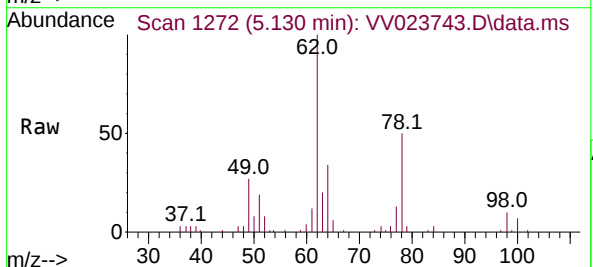
Acq: 29 Nov 2021 14:16

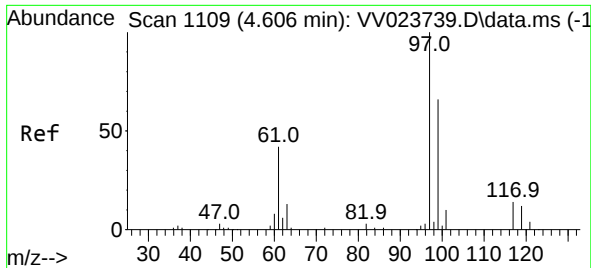
Tgt Ion: 62 Resp: 44624

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1

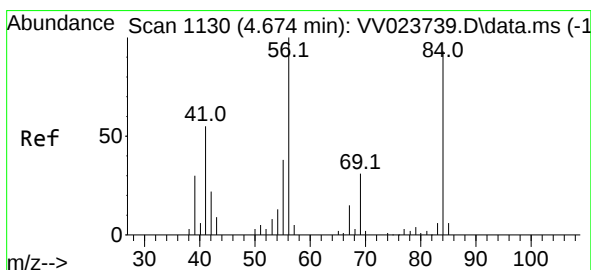
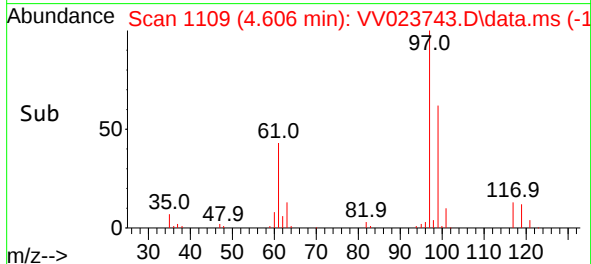
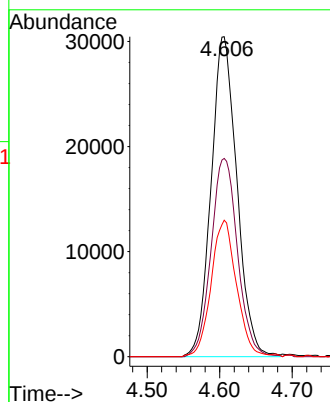
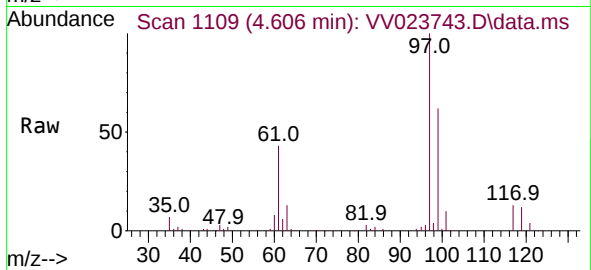




#29
1,1,1-Trichloroethane
Concen: 4.613 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

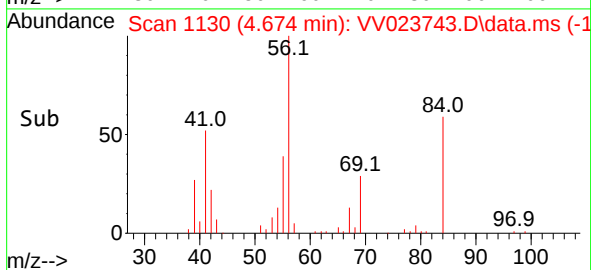
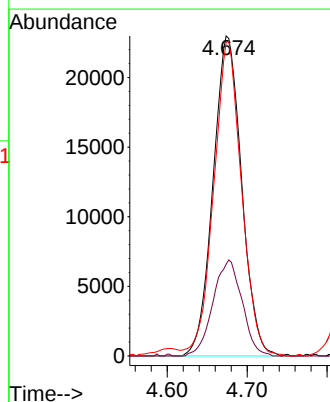
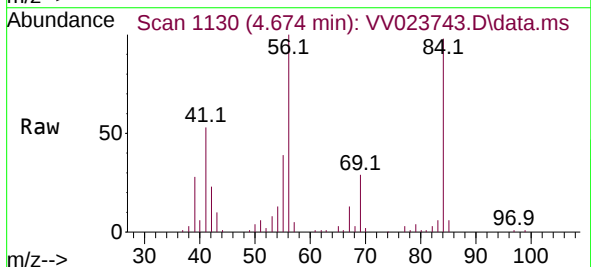
Instrument :
MSVOA_V
ClientSampleId :

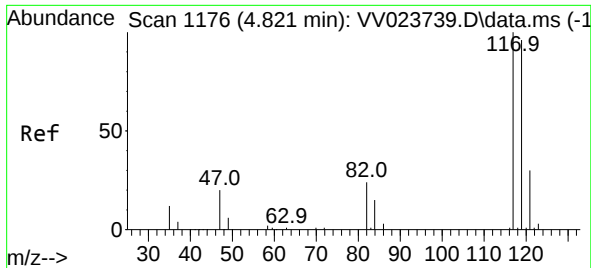
Tgt Ion:	97	Resp:	75386
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.9	77.9
61	41.8	33.2	49.8



#30
Cyclohexane
Concen: 4.166 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion:	56	Resp:	56818
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.8	37.2
84	96.0	75.9	113.9

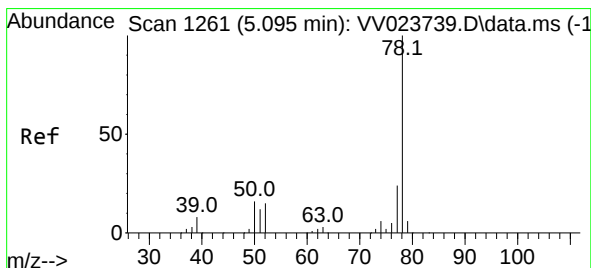
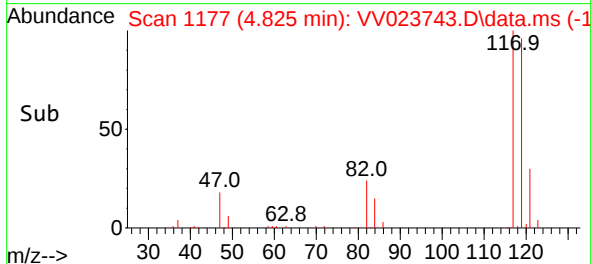
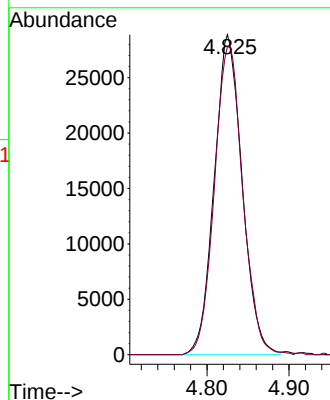
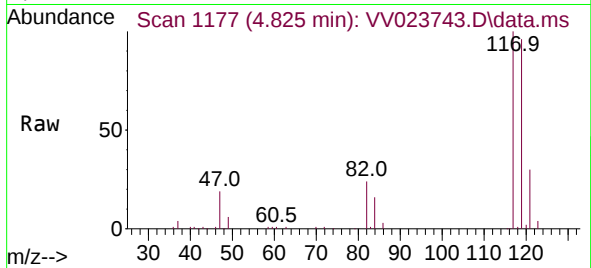




#31
Carbon tetrachloride
Concen: 4.561 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

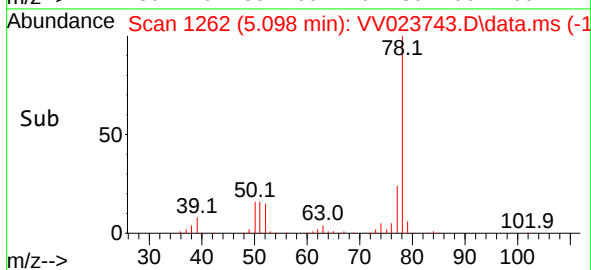
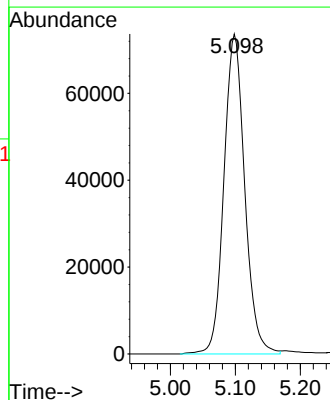
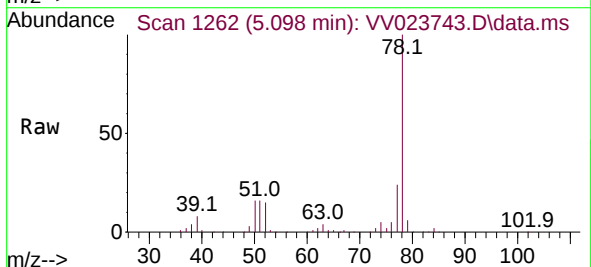
Instrument :
MSVOA_V
ClientSampleId :

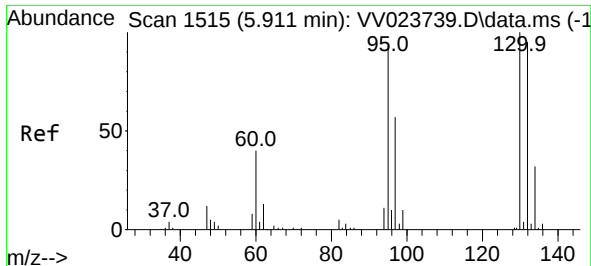
Tgt Ion:117 Resp: 68267
Ion Ratio Lower Upper
117 100
119 98.1 76.6 114.8



#33
Benzene
Concen: 4.591 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 78 Resp: 163671

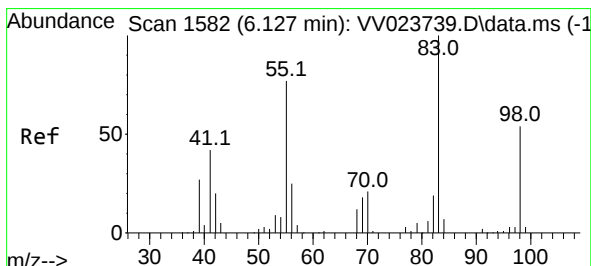
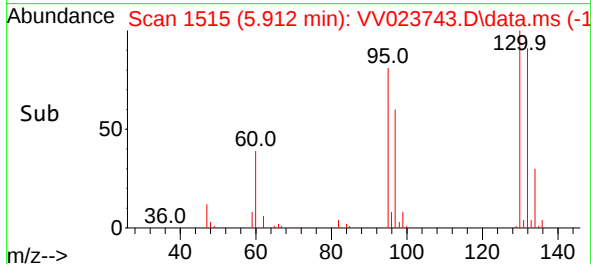
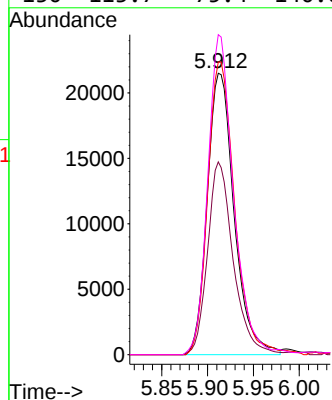
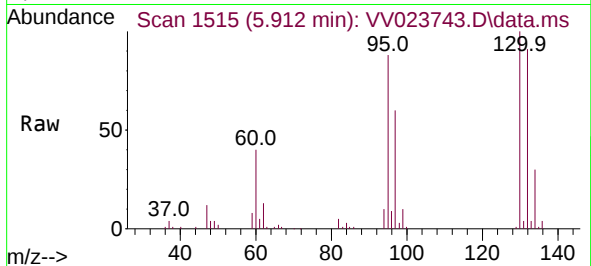




#34
Trichloroethene
Concen: 4.603 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

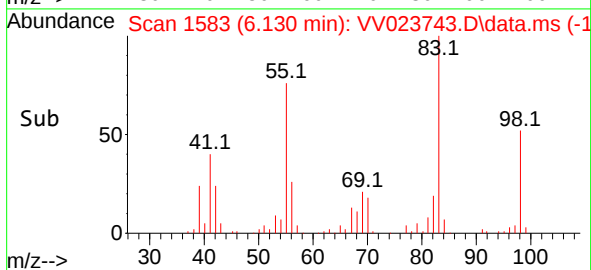
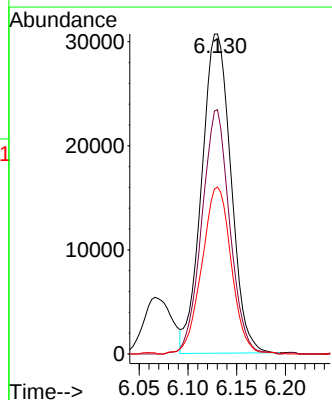
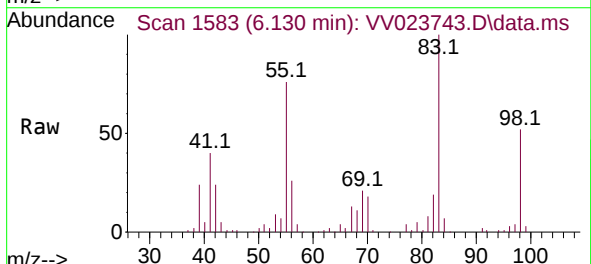
Instrument :
MSVOA_V
ClientSampleId :

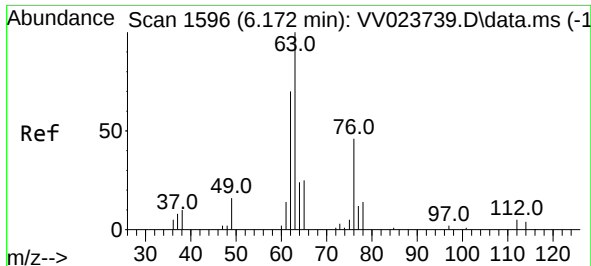
Tgt Ion: 95 Resp: 43961
Ion Ratio Lower Upper
95 100
97 68.5 45.2 84.0
132 104.0 76.1 141.3
130 113.7 75.4 140.0



#35
Methylcyclohexane
Concen: 4.304 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 83 Resp: 64087
Ion Ratio Lower Upper
83 100
55 73.0 60.2 90.2
98 52.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 4.721 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

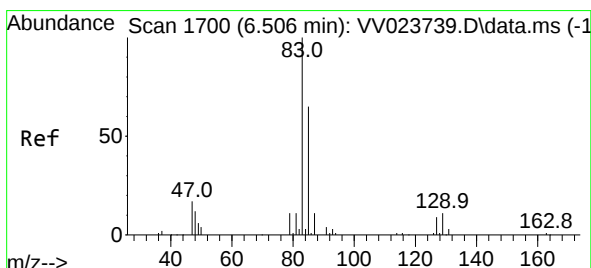
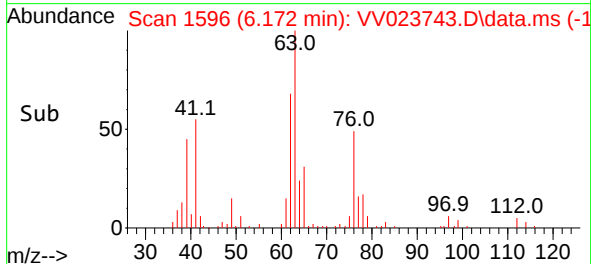
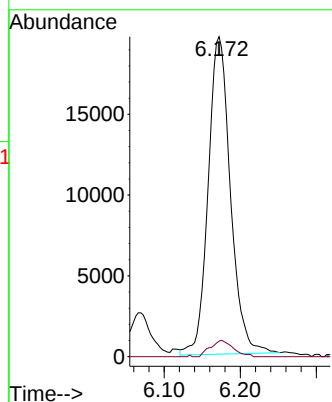
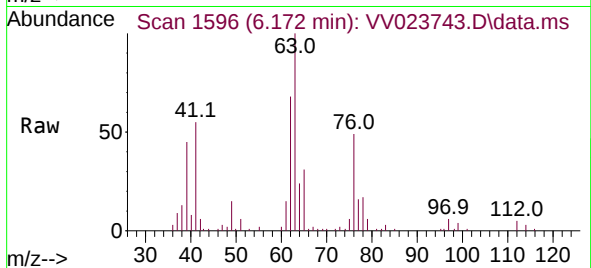
ClientSampleId :

Tgt Ion: 63 Resp: 40010

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 4.854 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

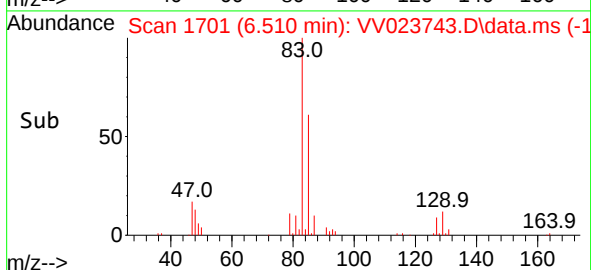
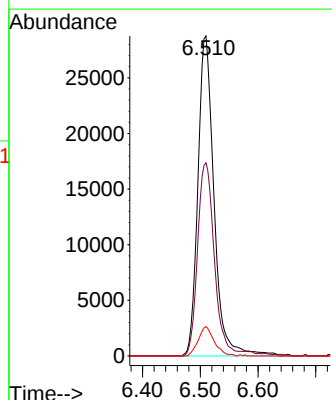
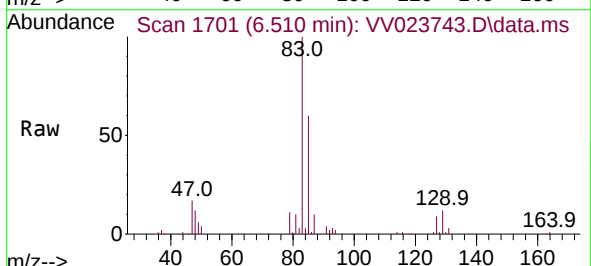
Tgt Ion: 83 Resp: 55822

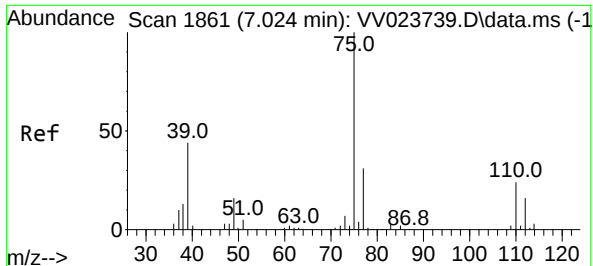
Ion Ratio Lower Upper

83 100

85 60.3 44.0 81.8

127 9.2 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.665 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

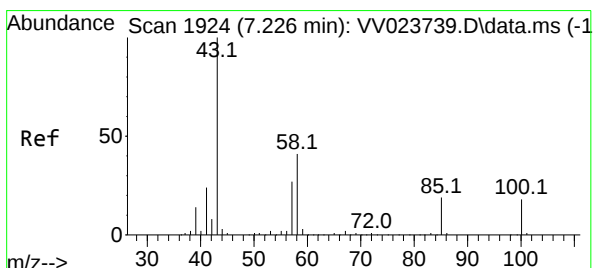
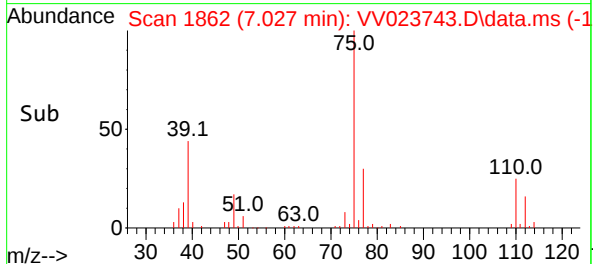
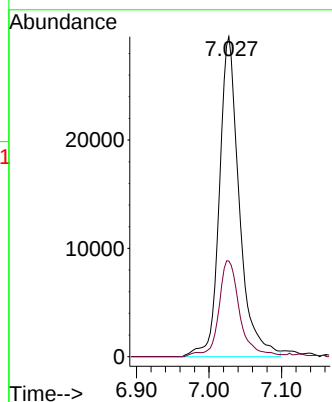
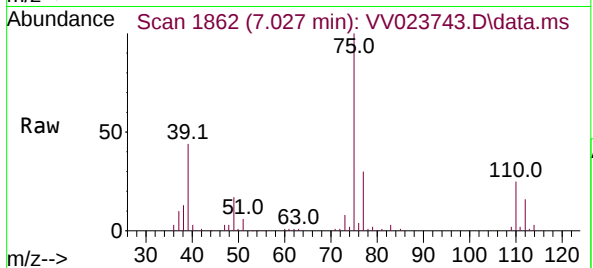
ClientSampleId :

Tgt Ion: 75 Resp: 56254

Ion Ratio Lower Upper

75 100

77 29.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 49.985 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

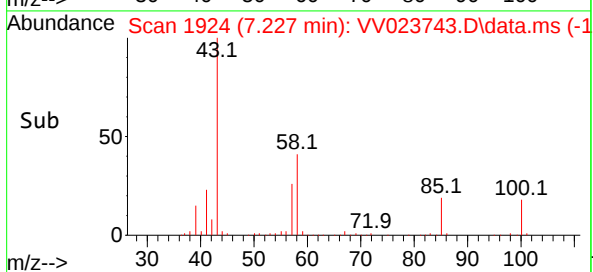
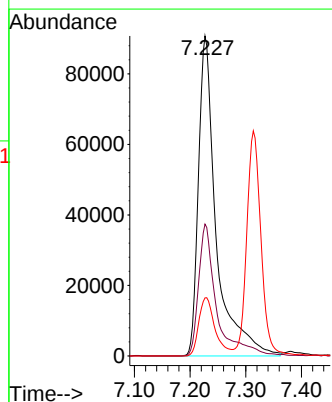
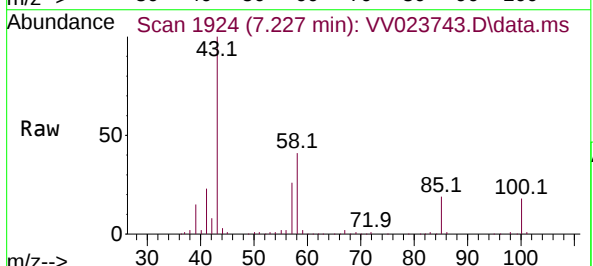
Tgt Ion: 43 Resp: 202202

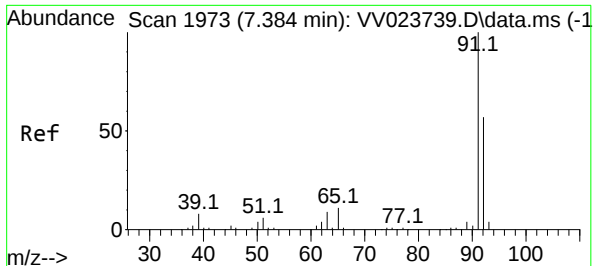
Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5

100 16.7 13.0 19.6





#42

Toluene

Concen: 4.830 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

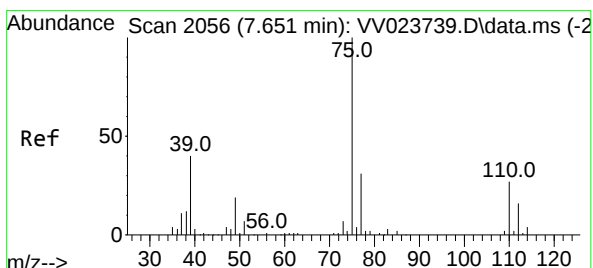
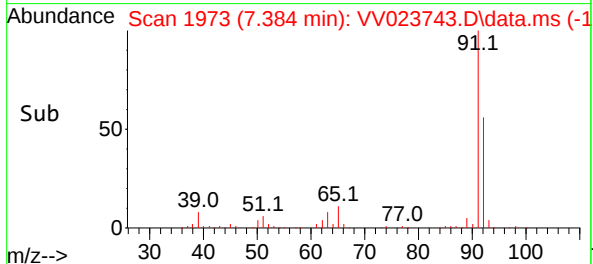
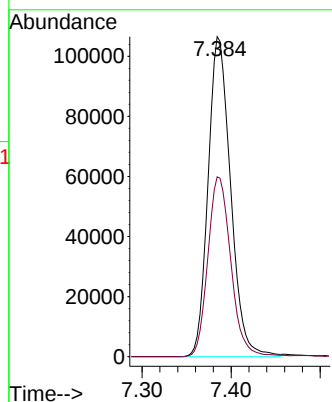
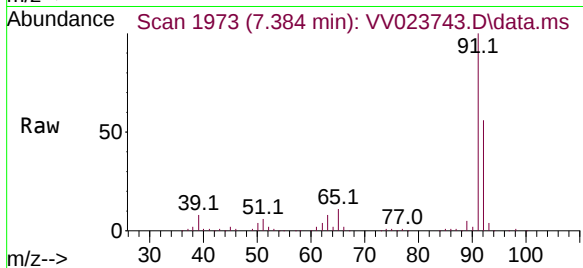
ClientSampleId :

Tgt Ion: 91 Resp: 186716

Ion Ratio Lower Upper

91 100

92 56.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.968 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023743.D

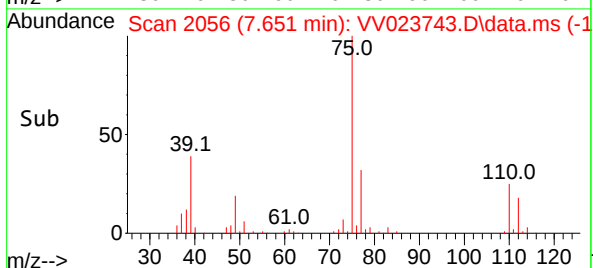
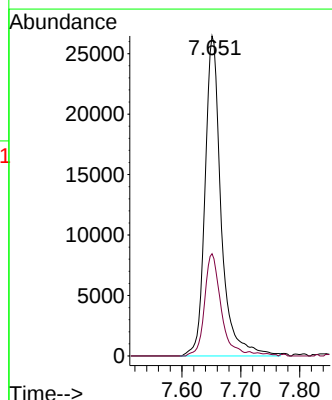
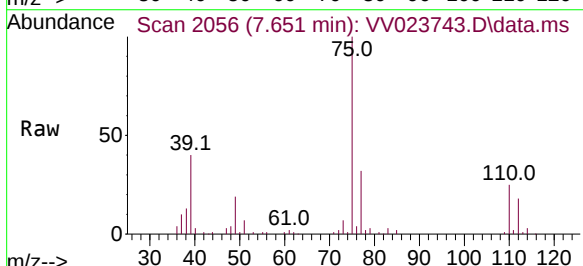
Acq: 29 Nov 2021 14:16

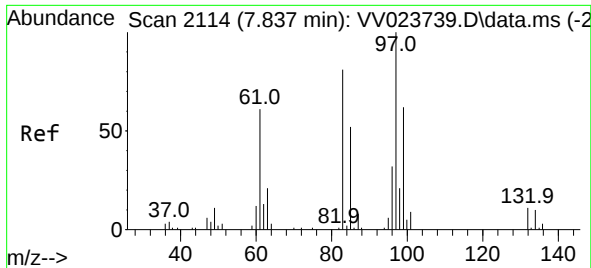
Tgt Ion: 75 Resp: 50348

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4

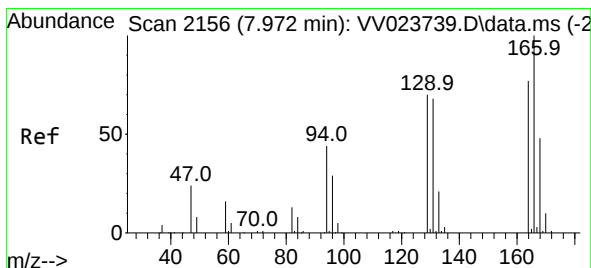
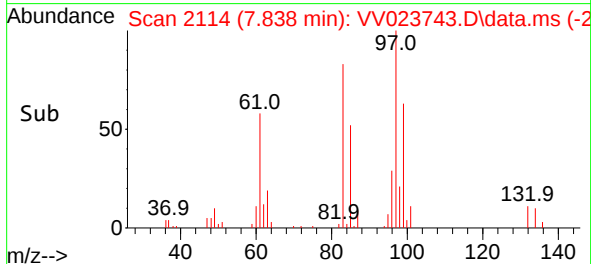
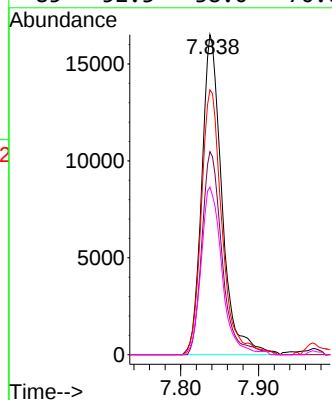
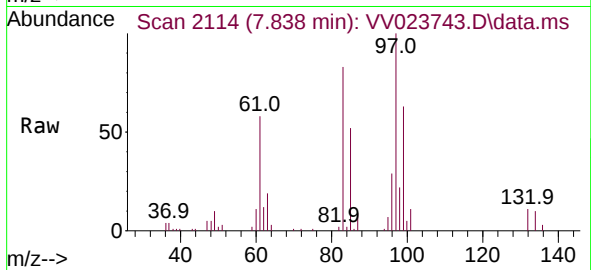




#45
1,1,2-Trichloroethane
Concen: 5.064 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

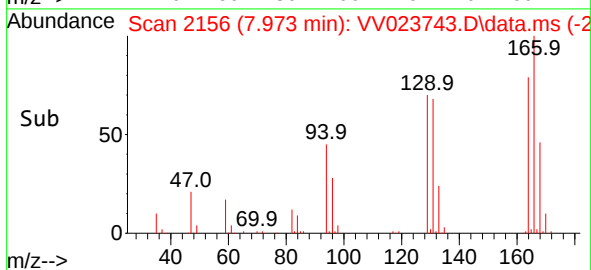
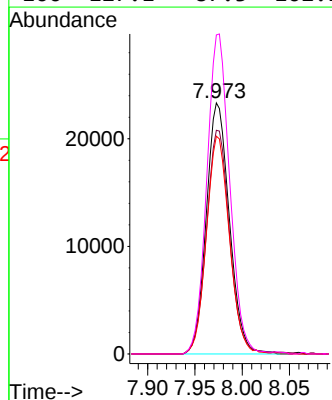
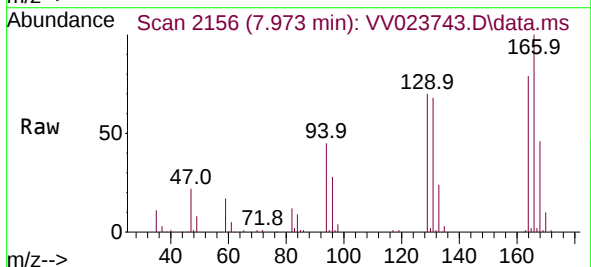
Instrument :
MSVOA_V
ClientSampleId :

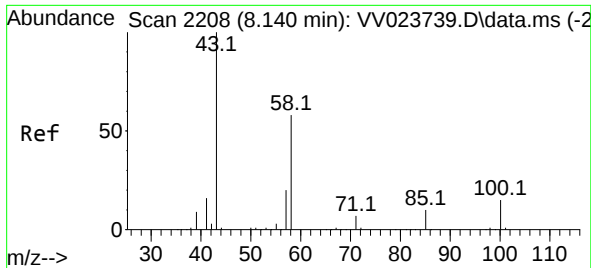
Tgt Ion: 97	Resp: 29714
Ion Ratio	Lower Upper
97 100	
99 63.5	43.1 80.1
83 82.8	57.9 107.5
85 52.3	38.0 70.6



#47
Tetrachloroethene
Concen: 4.568 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt	Ion:164	Resp:	39709
Ion	Ratio	Lower	Upper
164	100		
129	89.1	62.6	116.2
131	86.8	61.0	113.4
166	127.1	87.3	162.1



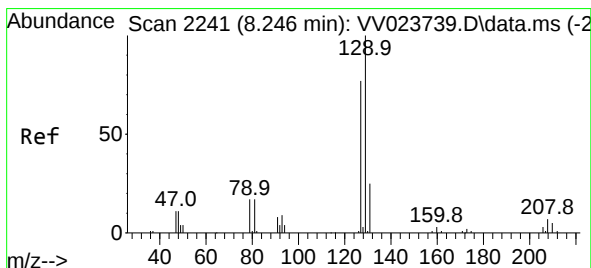
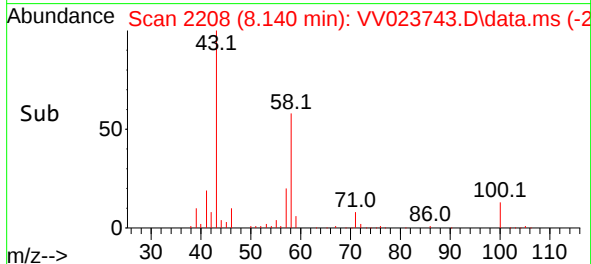
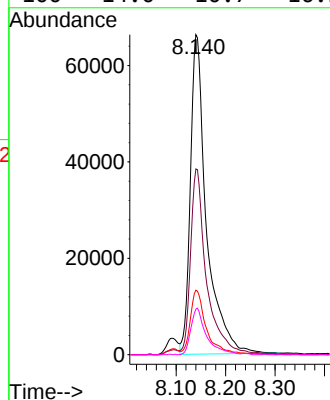
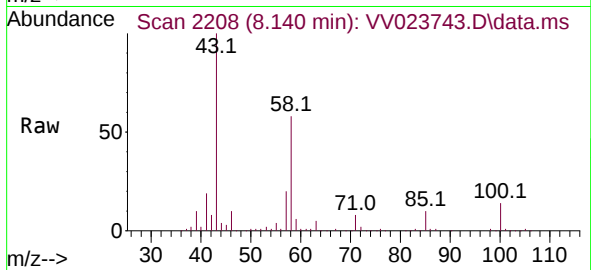


#48
2-Hexanone
Concen: 50.239 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 150207

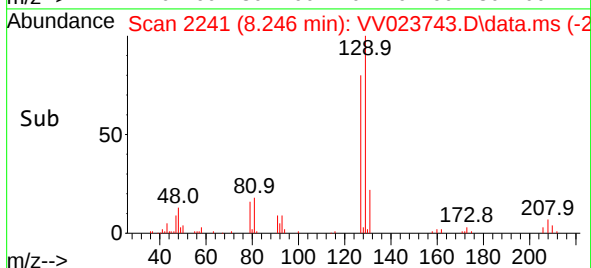
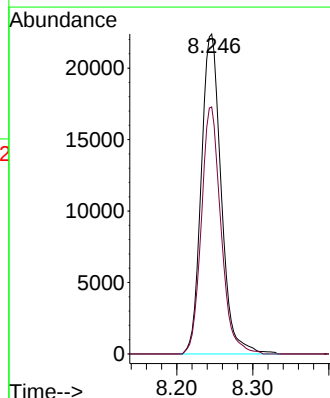
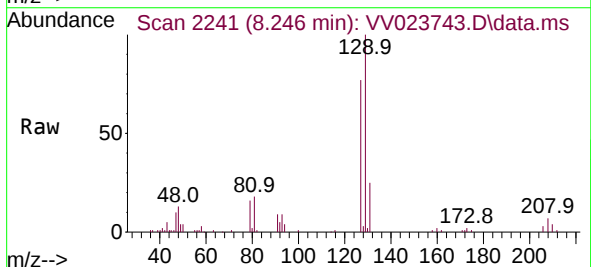
Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.5	66.7
57	19.3	15.1	22.7
100	14.0	10.7	16.1

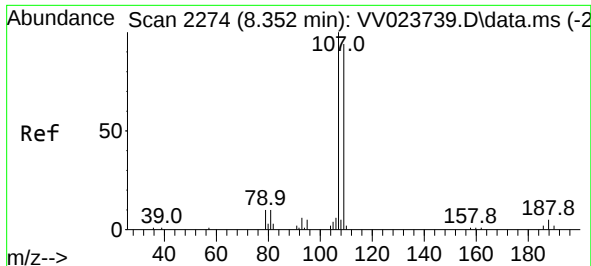


#49
Dibromochloromethane
Concen: 5.066 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 129 Resp: 40735

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.5	99.3





#50

1,2-Dibromoethane

Concen: 4.839 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023743.D

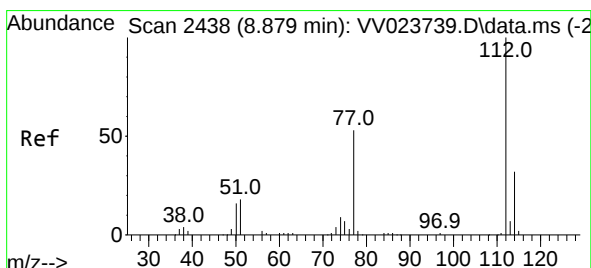
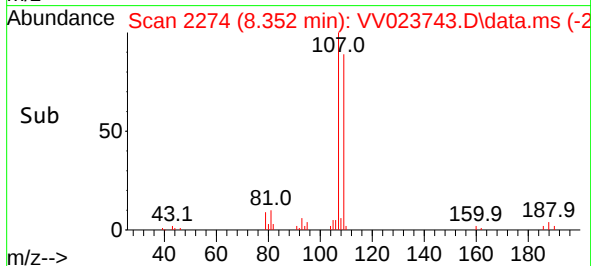
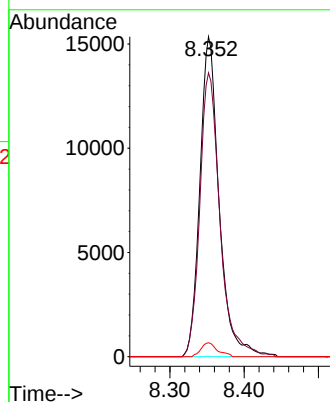
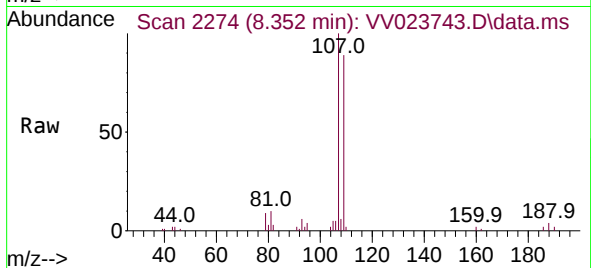
Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	27686
Ion Ratio	Lower	Upper
107	100	
109	88.7	62.5 116.1
188	4.3	3.4 5.2



#51

Chlorobenzene

Concen: 4.793 ug/L

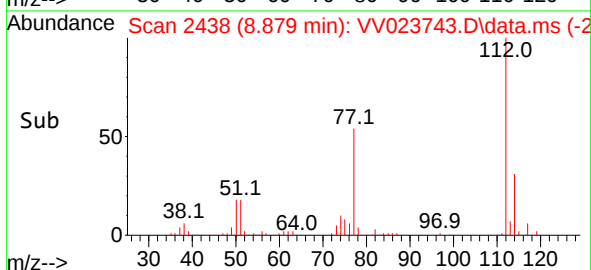
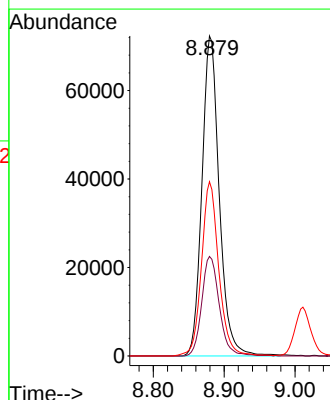
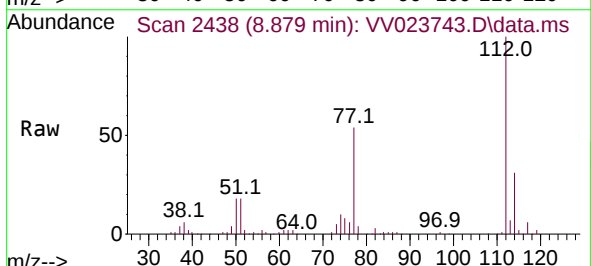
RT: 8.879 min Scan# 2438

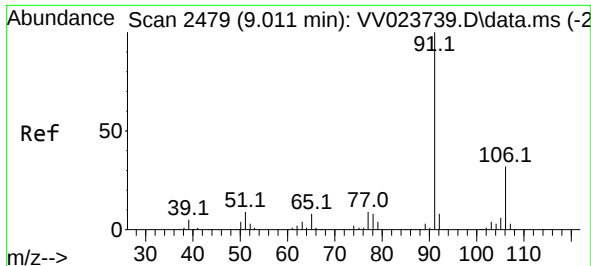
Delta R.T. 0.000 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Tgt Ion:112	Resp:	122846
Ion Ratio	Lower	Upper
112	100	
114	31.1	23.3 43.3
77	54.5	43.3 64.9

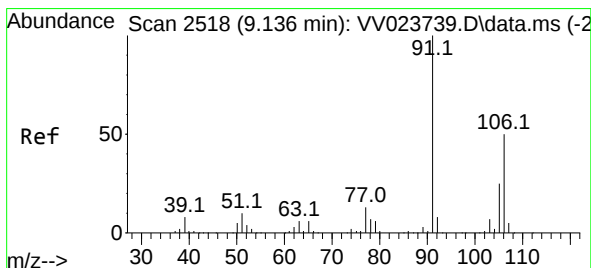
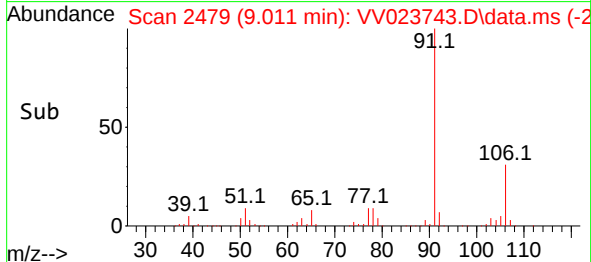
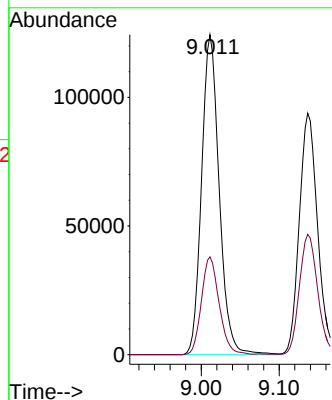
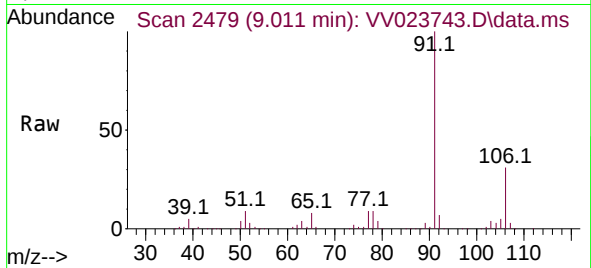




#52
Ethylbenzene
Concen: 4.827 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

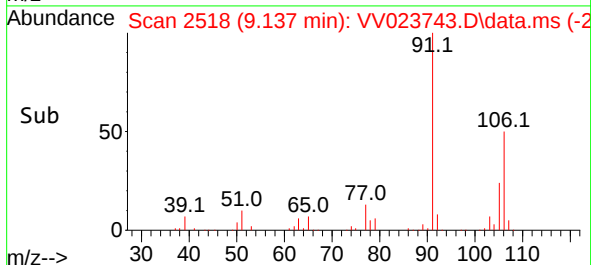
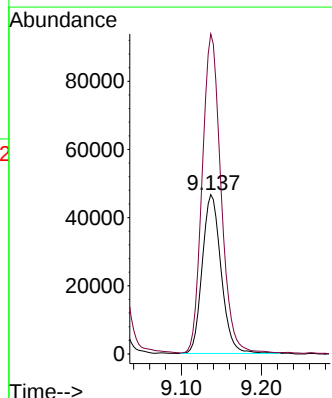
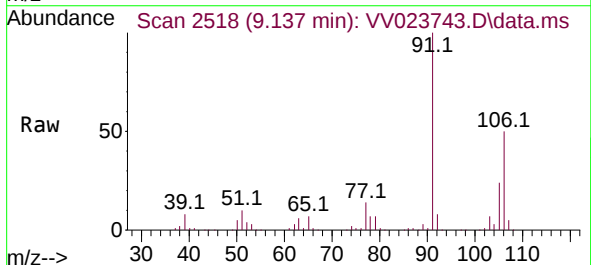
Instrument :
MSVOA_V
ClientSampleId :

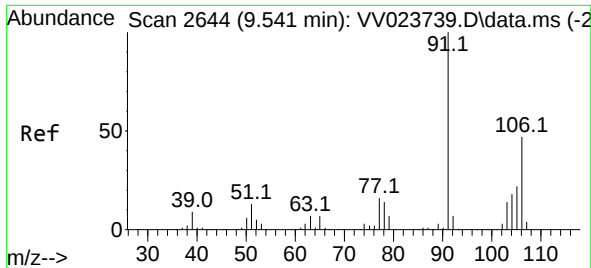
Tgt Ion: 91 Resp: 195063
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0



#53
m,p-xylene
Concen: 4.759 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion: 106 Resp: 76549
Ion Ratio Lower Upper
106 100
91 200.7 139.5 259.1

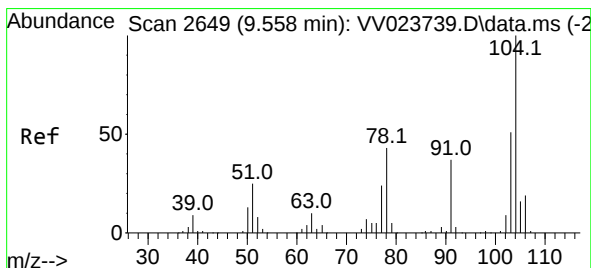
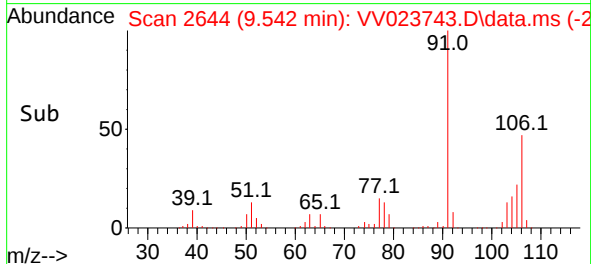
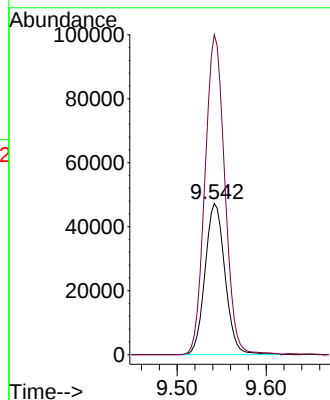
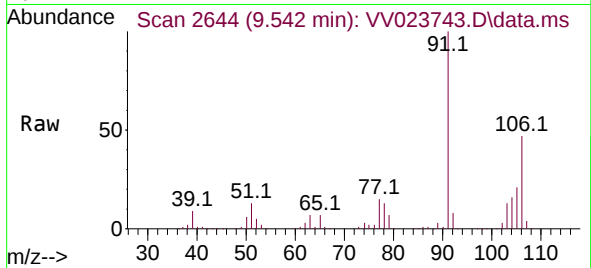




#54
o-xylene
Concen: 4.804 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

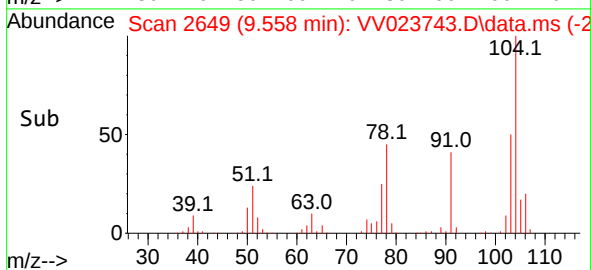
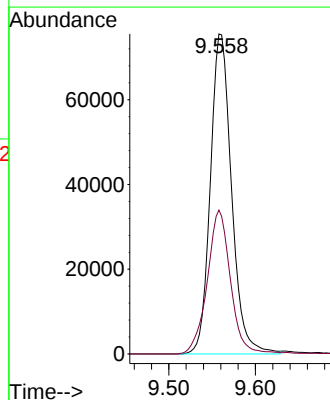
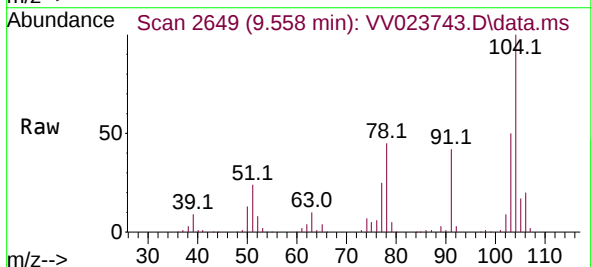
Instrument :
MSVOA_V
ClientSampleId :

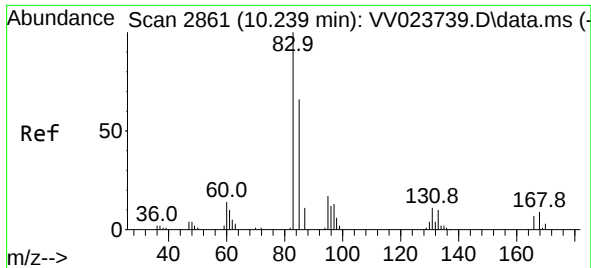
Tgt Ion:106 Resp: 73490
Ion Ratio Lower Upper
106 100
91 211.7 147.9 274.7



#55
Styrene
Concen: 4.988 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion:104 Resp: 128547
Ion Ratio Lower Upper
104 100
78 45.0 31.0 57.6

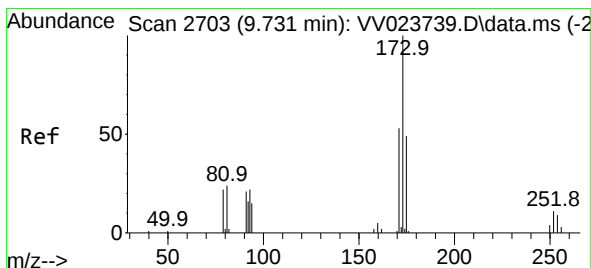
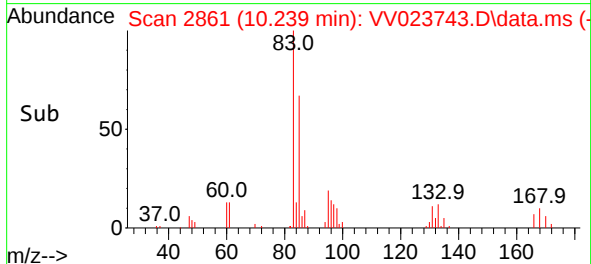
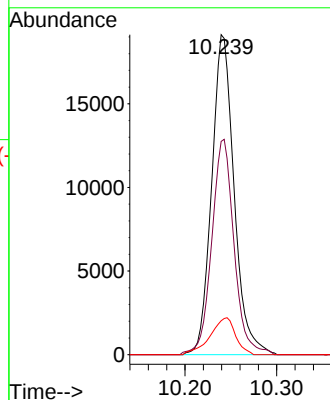
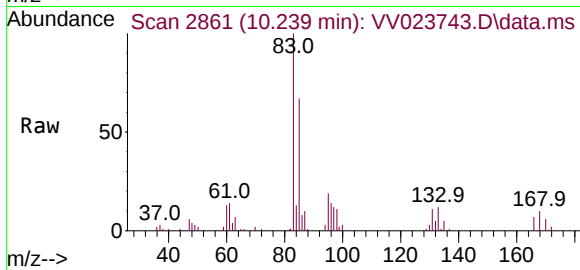




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.981 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

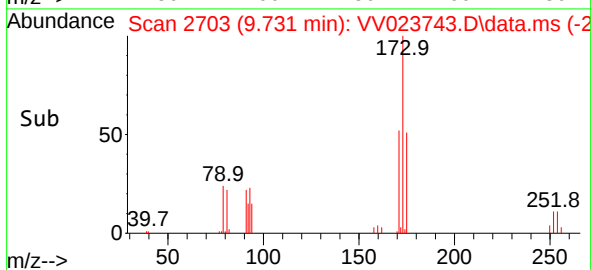
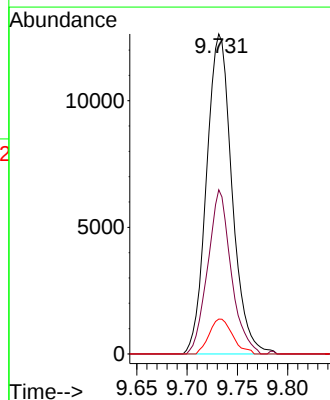
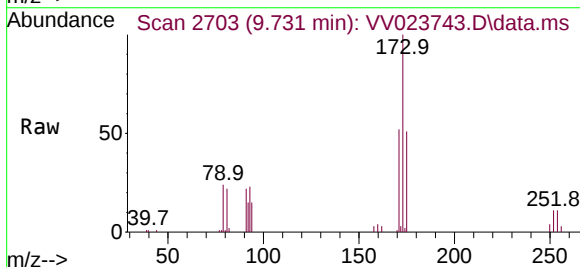
Instrument :
 MSVOA_V
 ClientSampleId :

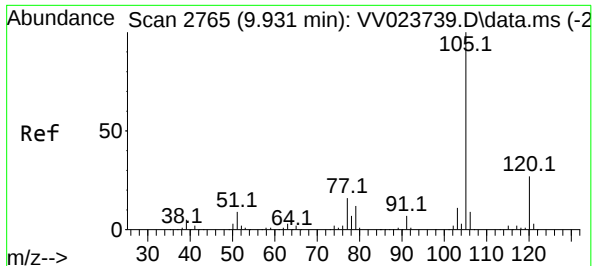
Tgt Ion: 83 Resp: 32517
 Ion Ratio Lower Upper
 83 100
 85 66.7 44.6 82.8
 131 10.6 8.3 12.5



#59
 Bromoform
 Concen: 4.869 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

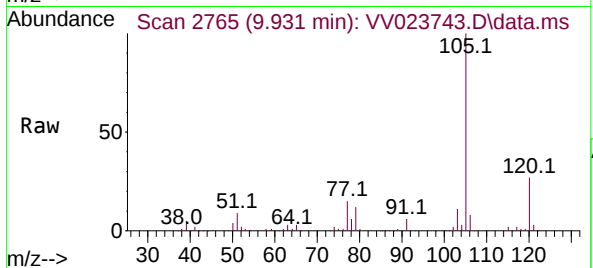
Tgt Ion: 173 Resp: 22254
 Ion Ratio Lower Upper
 173 100
 175 47.2 39.4 59.2
 254 10.0 7.4 11.0



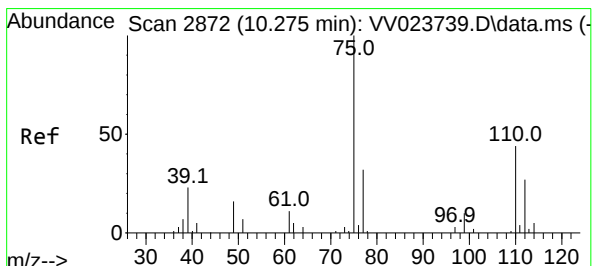
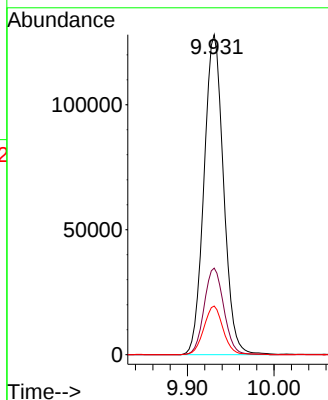
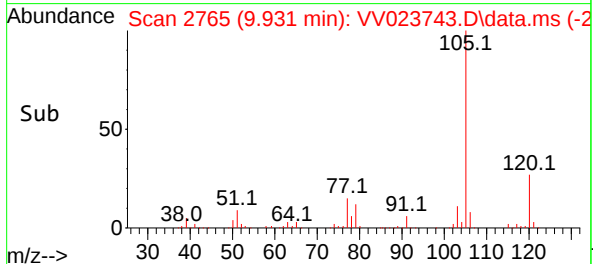


#60
Isopropylbenzene
Concen: 4.859 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

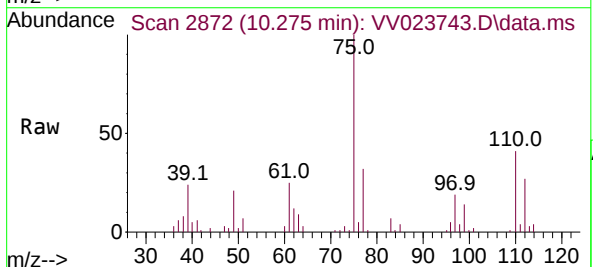
Instrument :
MSVOA_V
ClientSampleId :



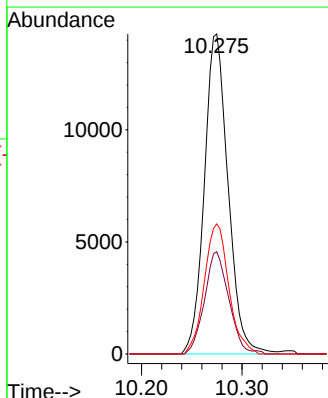
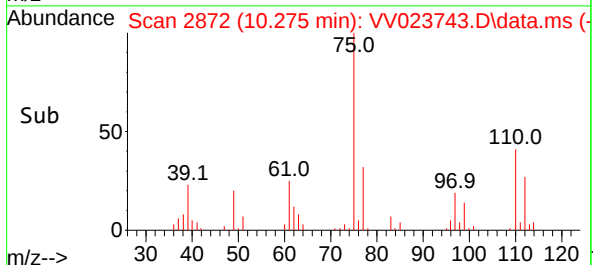
Tgt Ion:105 Resp: 200789
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.1 12.2 18.4

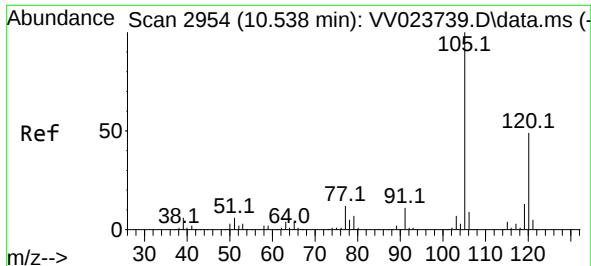


#61
1,2,3-Trichloropropane
Concen: 4.777 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16



Tgt Ion: 75 Resp: 23443
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6
110 41.9 34.2 51.2

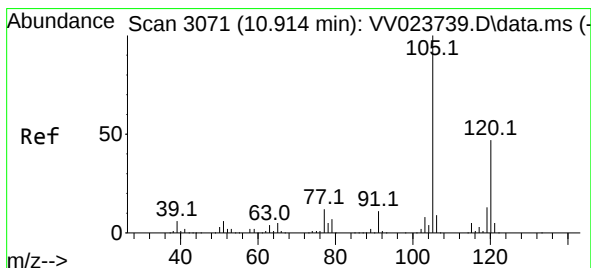
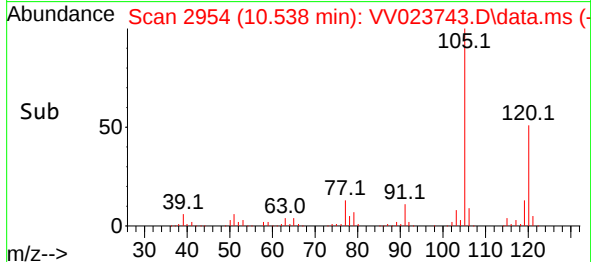
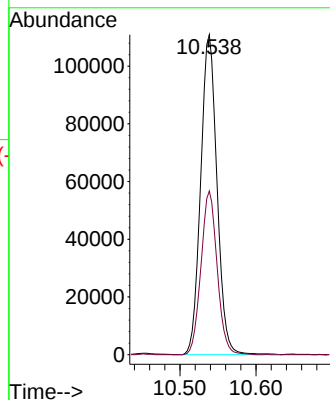
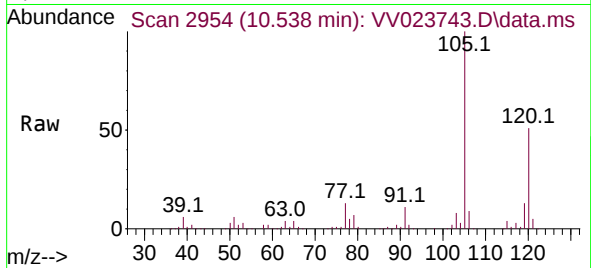




#62
1,3,5-Trimethylbenzene
Concen: 4.799 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

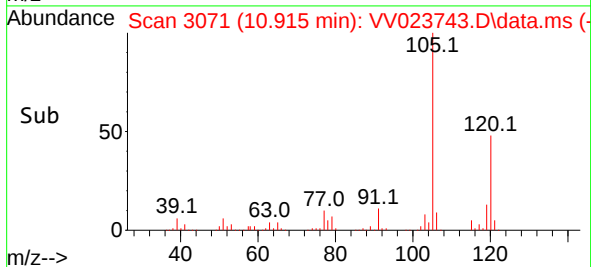
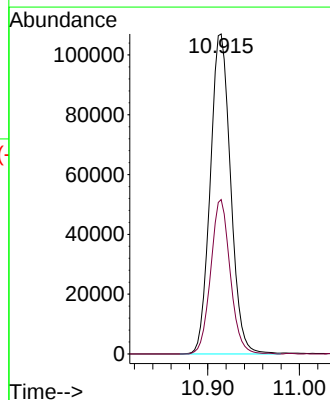
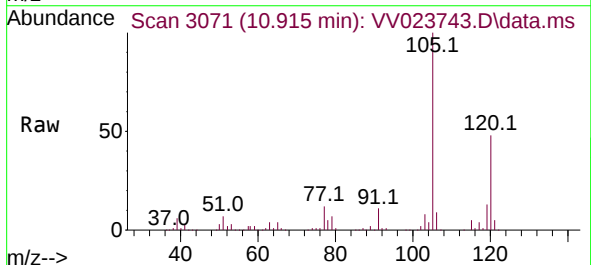
Instrument :
MSVOA_V
ClientSampleId :

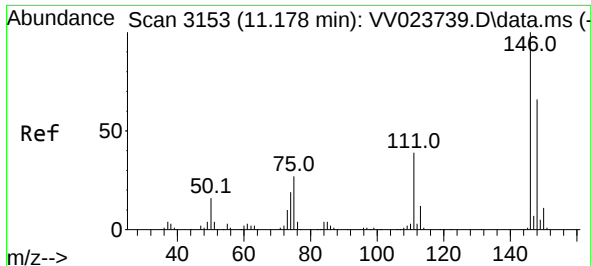
Tgt Ion:105 Resp: 165014
Ion Ratio Lower Upper
105 100
120 50.6 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 4.857 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion:105 Resp: 165159
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1

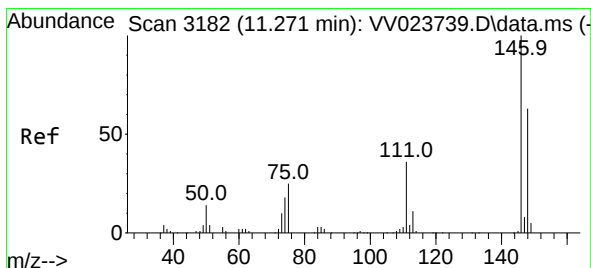
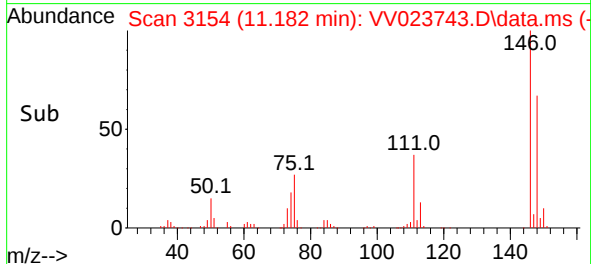
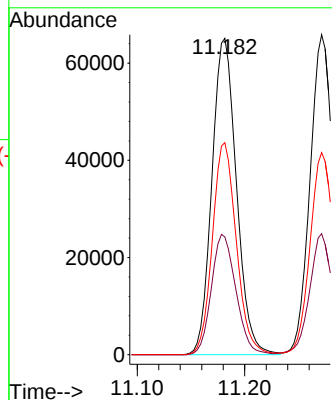
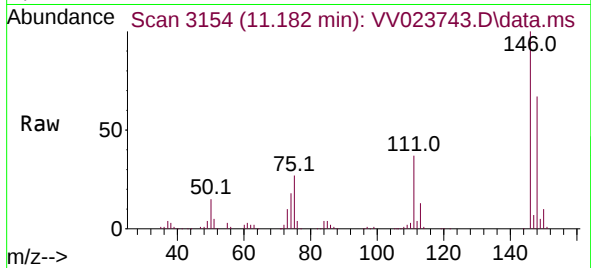




#64
1,3-Dichlorobenzene
Concen: 4.893 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

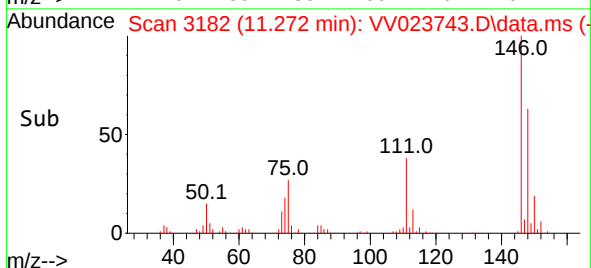
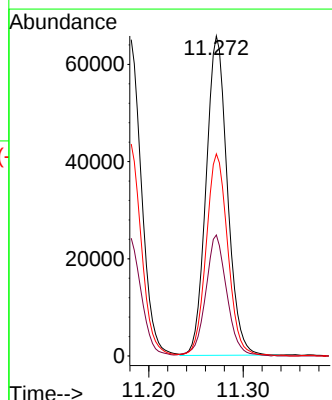
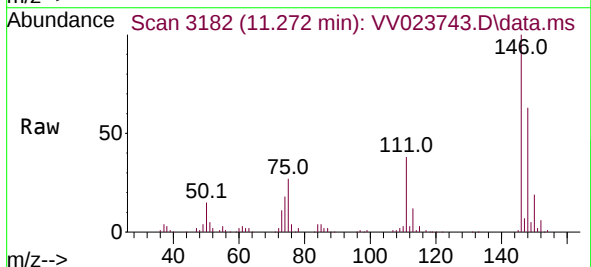
Instrument :
MSVOA_V
ClientSampleId :

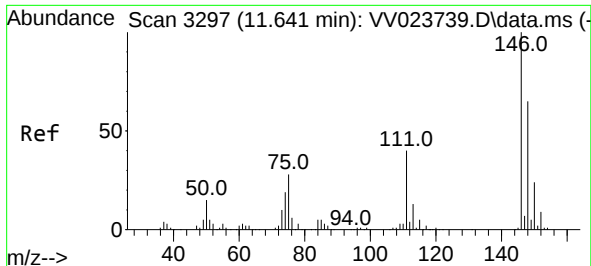
Tgt Ion:146 Resp: 103371
Ion Ratio Lower Upper
146 100
111 37.2 26.3 48.9
148 67.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.834 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023743.D
Acq: 29 Nov 2021 14:16

Tgt Ion:146 Resp: 102647
Ion Ratio Lower Upper
146 100
111 37.8 25.6 47.6
148 63.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.849 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV023743.D

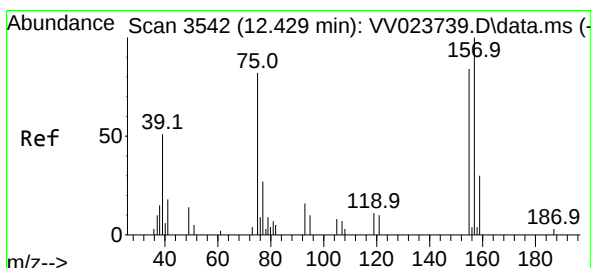
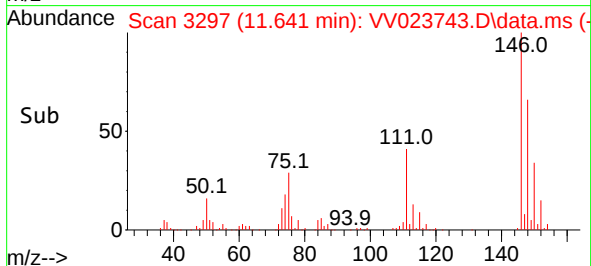
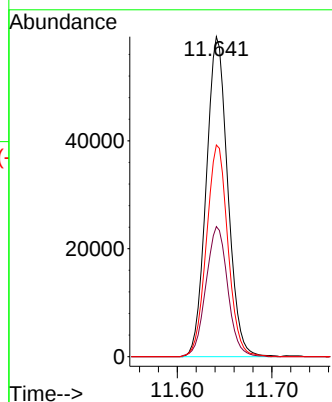
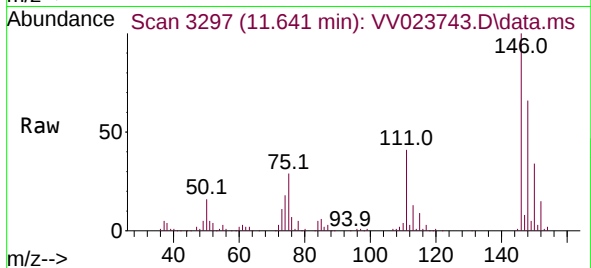
Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	93762
Ion	Ratio	Lower	Upper
146	100		
111	40.6	31.9	47.9
148	66.1	50.5	75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.776 ug/L

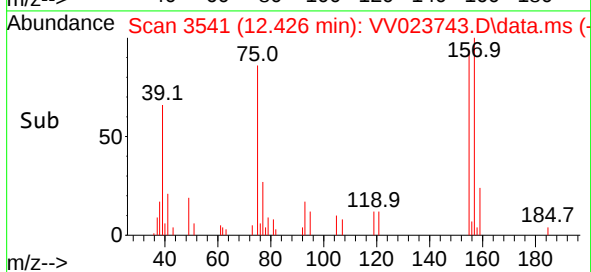
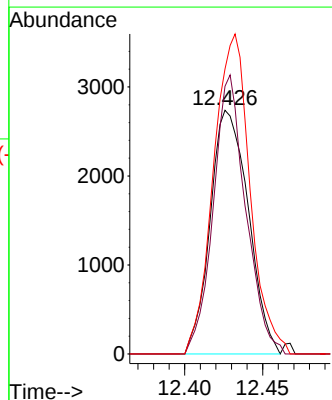
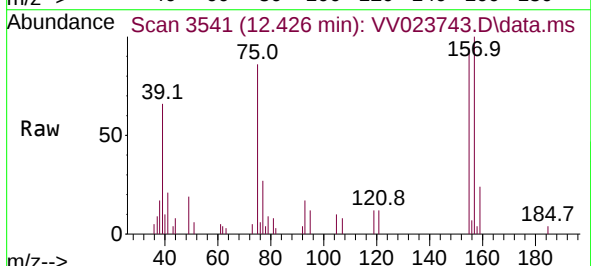
RT: 12.426 min Scan# 3541

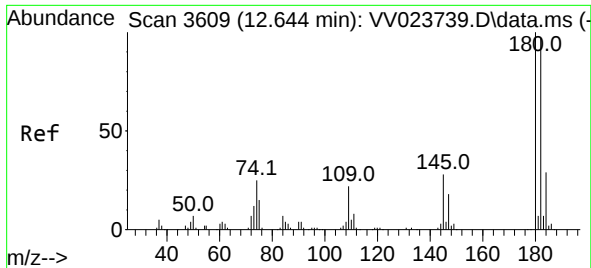
Delta R.T. -0.003 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

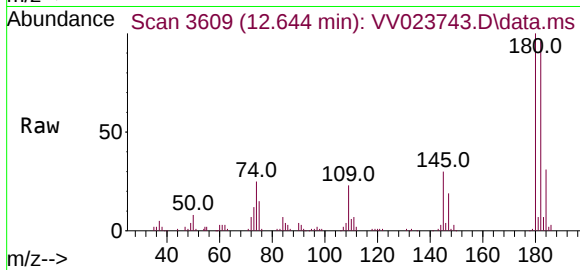
Tgt Ion:	75	Resp:	4655
Ion	Ratio	Lower	Upper
75	100		
155	109.8	71.7	107.5#
157	116.9	103.3	154.9



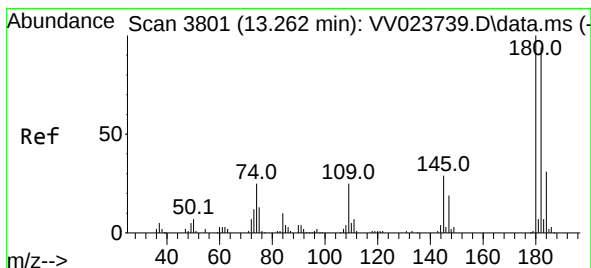
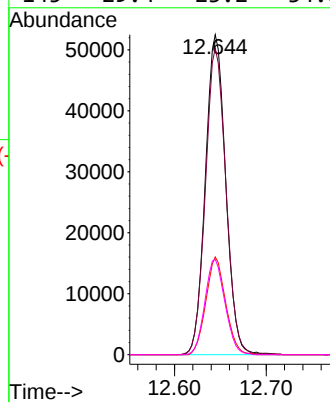
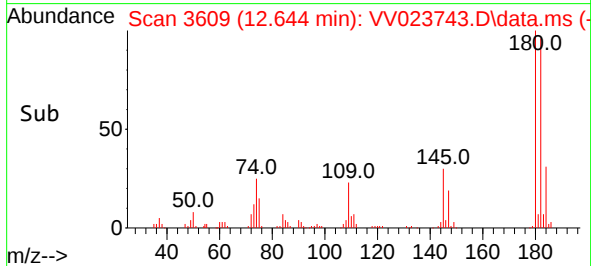


#69
 1,3,5-Trichlorobenzene
 Concen: 4.898 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16

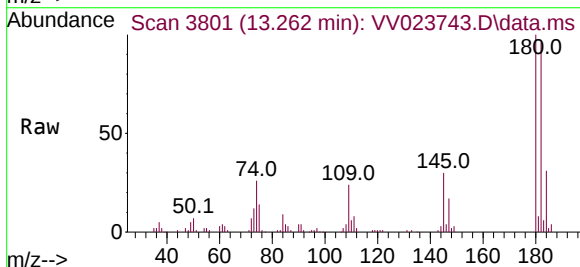
Instrument :
 MSVOA_V
 ClientSampleId :



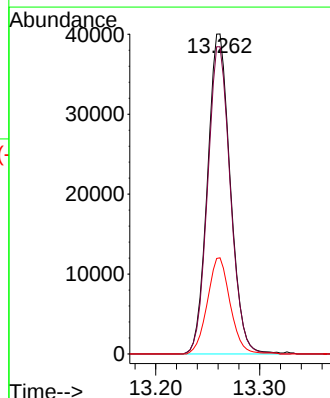
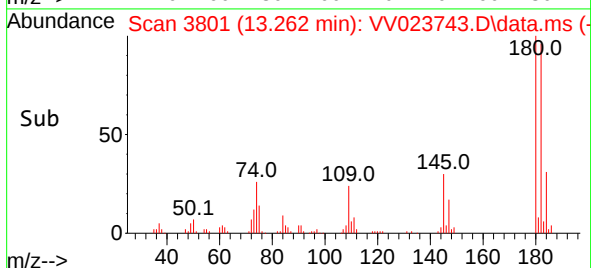
Tgt Ion:180 Resp: 80777
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.4 114.6
 184 29.7 24.2 36.4
 145 29.4 23.2 34.8

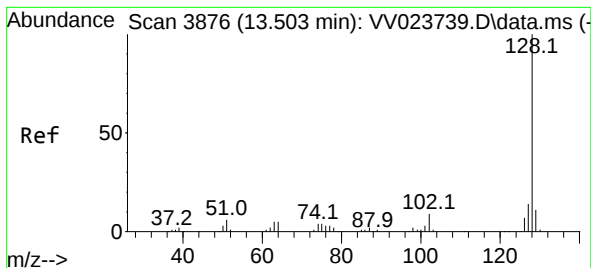


#70
 1,2,4-trichlorobenzene
 Concen: 4.777 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023743.D
 Acq: 29 Nov 2021 14:16



Tgt Ion:180 Resp: 61138
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.4 111.6
 145 30.0 23.3 34.9





#71

Naphthalene

Concen: 4.493 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Instrument :

MSVOA_V

ClientSampleId :

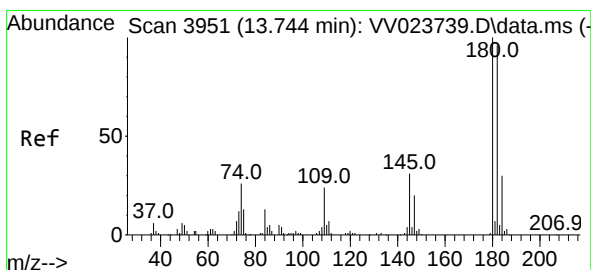
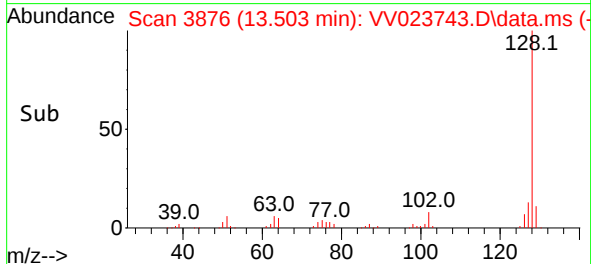
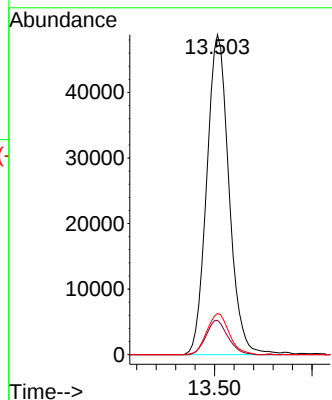
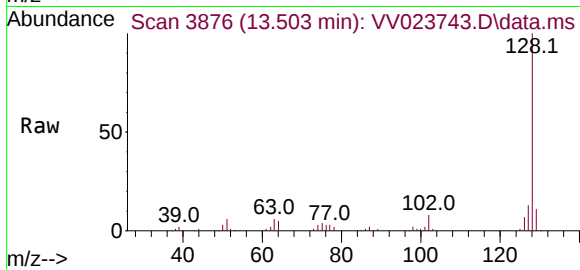
Tgt Ion:128 Resp: 77381

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.898 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023743.D

Acq: 29 Nov 2021 14:16

Tgt Ion:180 Resp: 54319

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 31.2 25.8 38.6

