

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110821\
 Data File : VW023273.D
 Acq On : 08 Nov 2021 10:39
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 05:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 03:48:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131595	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73434	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37220	4.496	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.568	69	33176	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	78355	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	3.899	46	73550	51.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	4.346	84	89111	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.034	65	40234	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.047	84	167079	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.066	67	49459	4.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.313	98	160985	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.622	79	19051	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.088	63	75625	54.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36846	5.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	59270	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	68312	5.301	ug/L	99
3) Chloromethane	1.240	50	58321	5.323	ug/L	94
5) Vinyl chloride	1.310	62	59762	5.462	ug/L	96
6) Bromomethane	1.519	94	31909	4.562	ug/L	100
8) Chloroethane	1.584	64	35810	5.671	ug/L	99
9) Trichlorofluoromethane	1.751	101	90702	5.517	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	46475	5.615	ug/L	98
12) 1,1-Dichloroethene	2.118	96	43266	5.490	ug/L	87
13) Acetone	2.191	43	45304	51.982	ug/L	88
14) Carbon disulfide	2.294	76	156580	5.265	ug/L	99
15) Methyl Acetate	2.439	43	14770	5.988	ug/L	93
16) Methylene chloride	2.507	84	50551	4.395	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	90619	5.224	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	50992	5.263	ug/L	98
19) 1,1-Dichloroethane	3.188	63	88926	5.437	ug/L	98
21) 2-Butanone	3.982	43	73997	52.516	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	49891	5.351	ug/L	# 92
23) Bromochloromethane	4.246	128	22995	5.349	ug/L	84
25) Chloroform	4.371	83	94546	5.423	ug/L	96

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 ALS Vial : 2 Sample Multiplier: 1

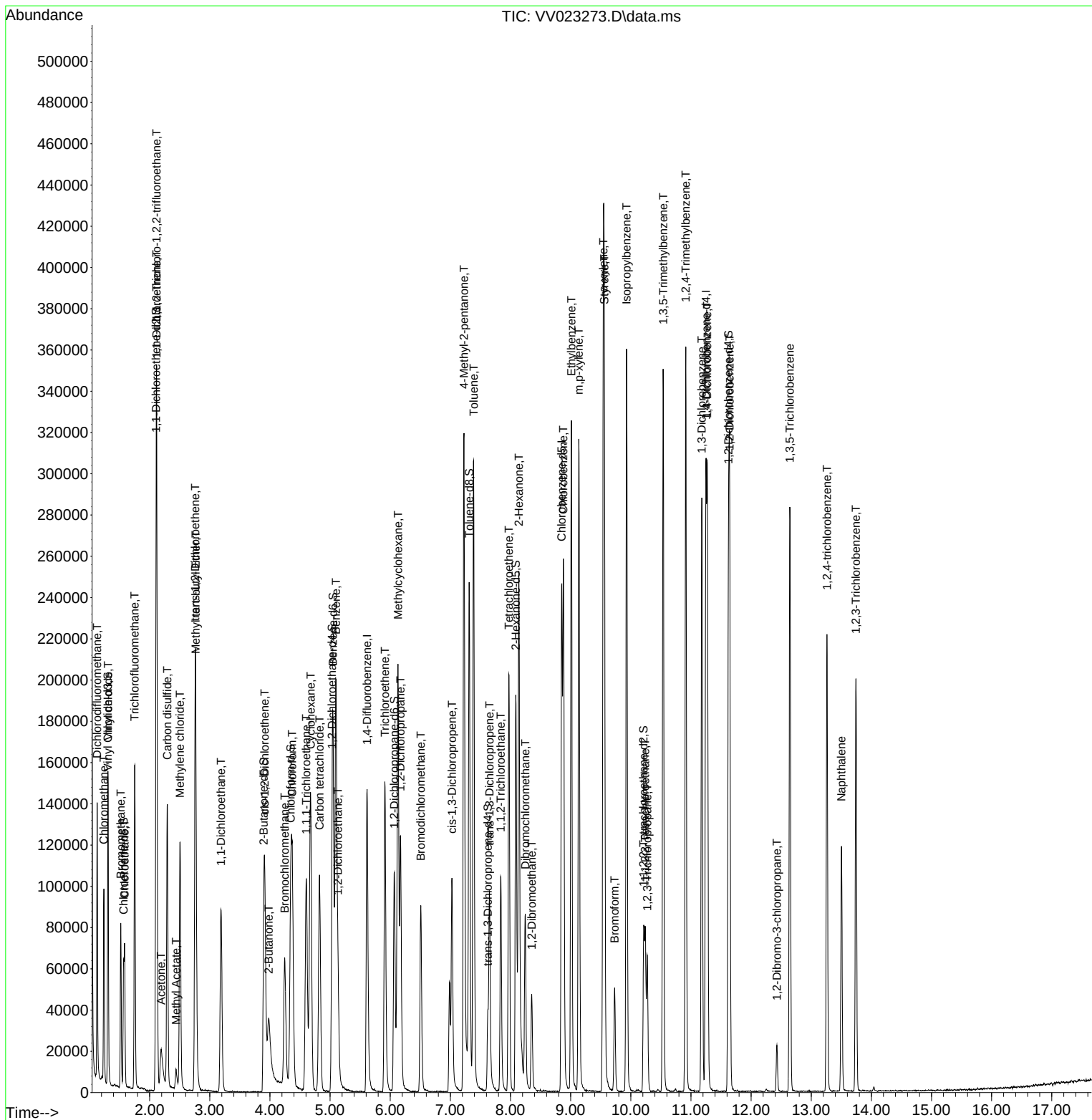
Instrument :
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 ClientSampleId :

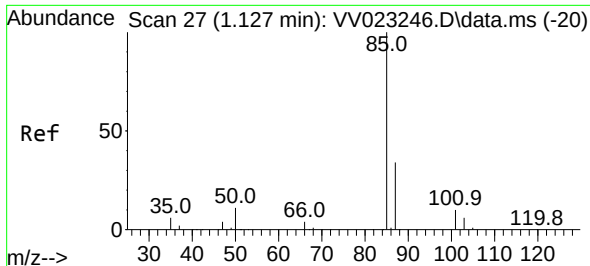
Quant Time: Nov 09 05:10:20 2021
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	49122	5.297	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	85101	5.325	ug/L	99
30) Cyclohexane	4.677	56	74346	5.191	ug/L	99
31) Carbon tetrachloride	4.825	117	77661	5.410	ug/L	97
33) Benzene	5.098	78	201886	5.489	ug/L	100
34) Trichloroethene	5.912	95	52143	5.331	ug/L	98
35) Methylcyclohexane	6.130	83	81569	5.284	ug/L	97
37) 1,2-Dichloropropane	6.172	63	47294	5.508	ug/L	98
38) Bromodichloromethane	6.510	83	61308	5.328	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	63834	5.169	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	230567	57.896	ug/L	99
42) Toluene	7.387	91	223208	5.674	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	56027	5.467	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	33419	5.417	ug/L	99
47) Tetrachloroethene	7.973	164	46373	5.471	ug/L	97
48) 2-Hexanone	8.140	43	172081	61.666	ug/L	99
49) Dibromochloromethane	8.246	129	42758	5.470	ug/L	97
50) 1,2-Dibromoethane	8.352	107	31807	5.563	ug/L #	98
51) Chlorobenzene	8.879	112	137511	5.259	ug/L	99
52) Ethylbenzene	9.011	91	221493	5.338	ug/L	99
53) m,p-xylene	9.137	106	90590	5.563	ug/L	97
54) o-xylene	9.545	106	84363	5.522	ug/L	100
55) Styrene	9.561	104	149771	5.723	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36642	5.421	ug/L	99
59) Bromoform	9.731	173	23307	5.314	ug/L	99
60) Isopropylbenzene	9.931	105	227306	5.394	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25695	5.267	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	187566	5.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	188617	5.424	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	117633	5.463	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	118605	5.394	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	104711	5.435	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5453	5.247	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	88468	5.248	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67426	4.994	ug/L	99
71) Naphthalene	13.503	128	93263	4.685	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59587	5.045	ug/L	99

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

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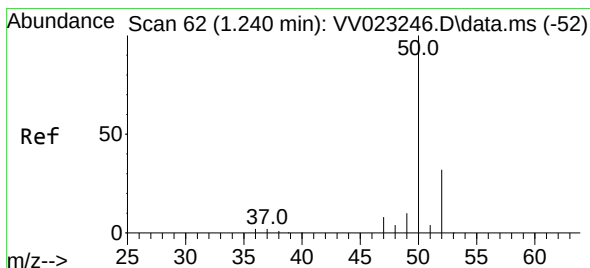
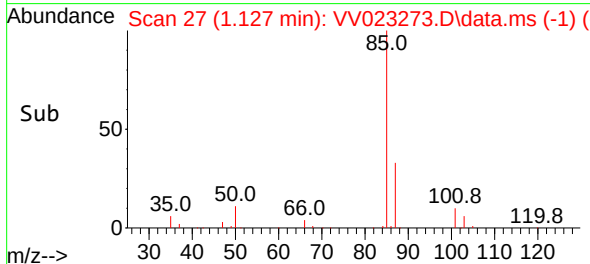
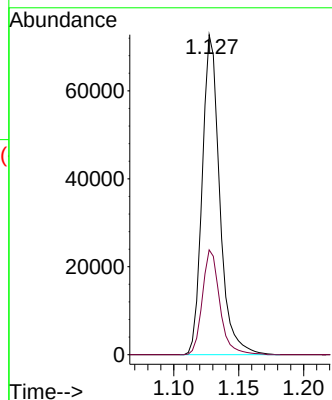
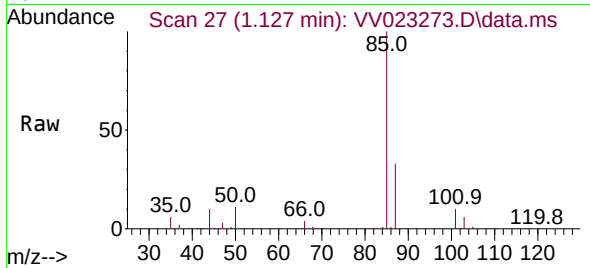




#2
 Dichlorodifluoromethane
 Concen: 5.301 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

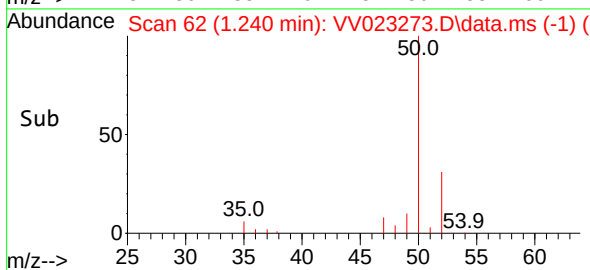
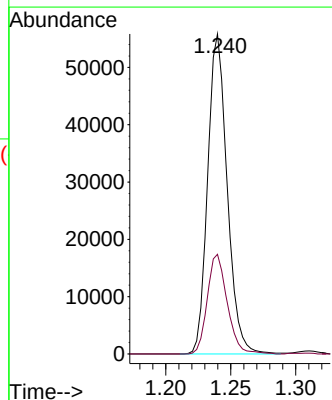
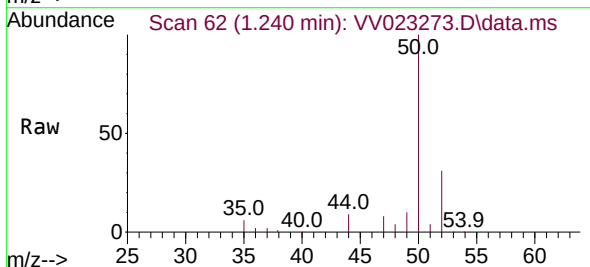
Instrument :
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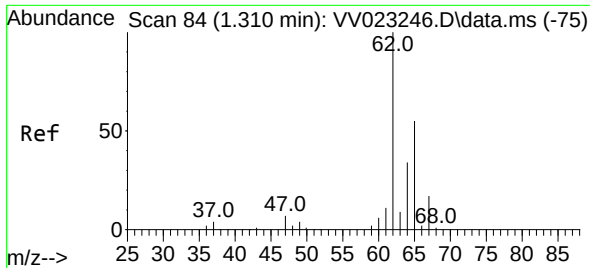
Tgt Ion: 85 Resp: 68312
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 39.8



#3
 Chloromethane
 Concen: 5.323 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

Tgt Ion: 50 Resp: 58321
 Ion Ratio Lower Upper
 50 100
 52 31.1 24.3 45.1

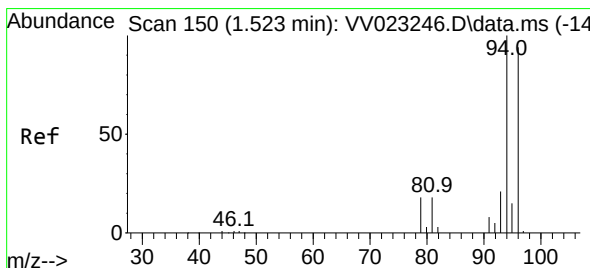
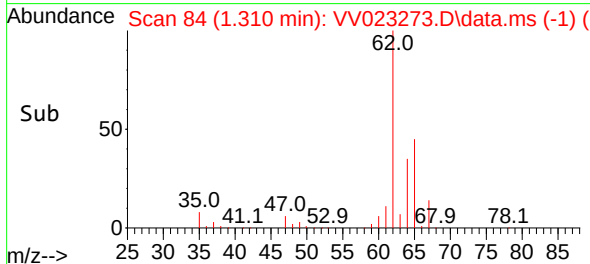
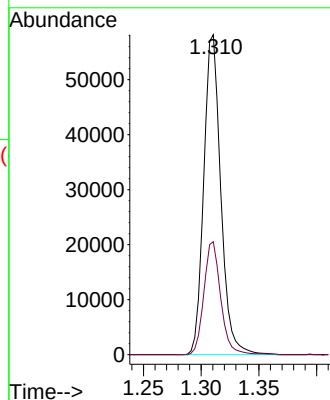
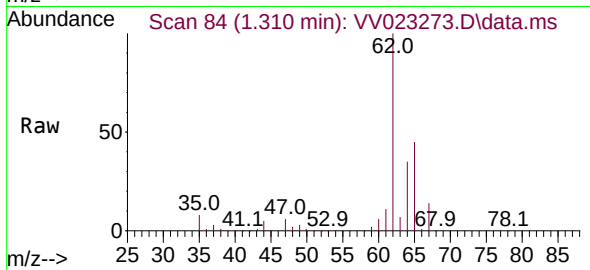




#5
 Vinyl chloride
 Concen: 5.462 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

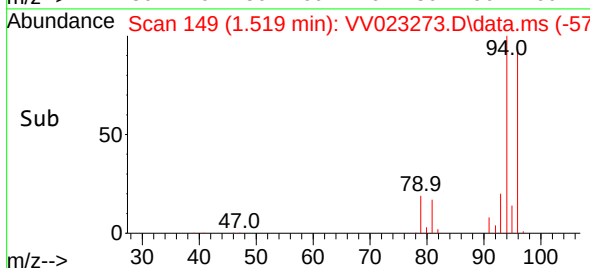
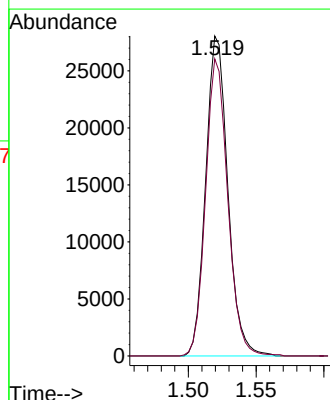
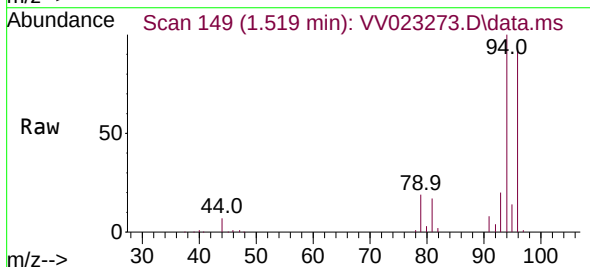
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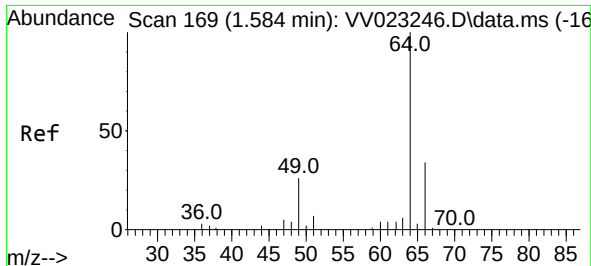
Tgt Ion: 62 Resp: 59762
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.1 42.9



#6
 Bromomethane
 Concen: 4.562 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

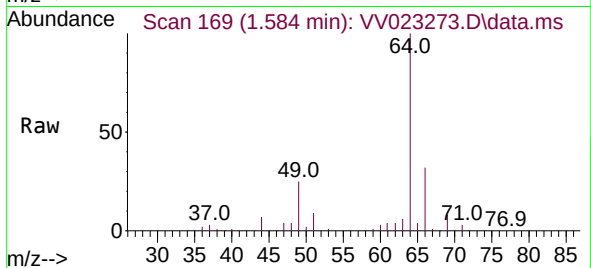
Tgt Ion: 94 Resp: 31909
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.0 120.8



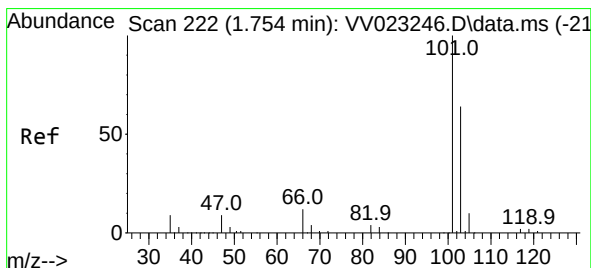
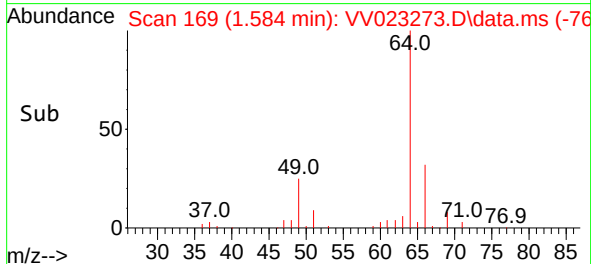
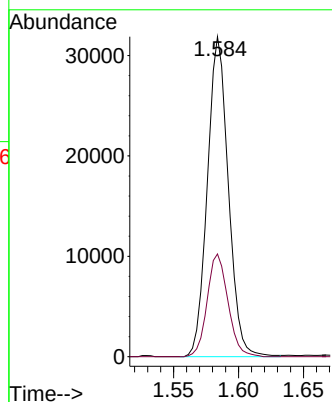


#8
Chloroethane
Concen: 5.671 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Instrument :
MSVOA_V
ClientSampleId :

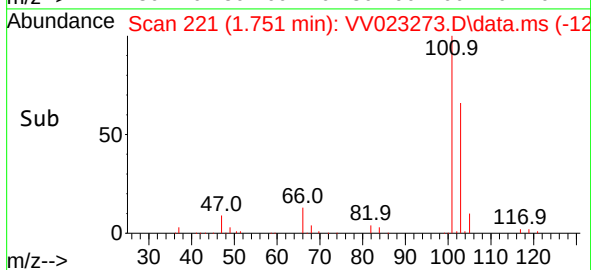
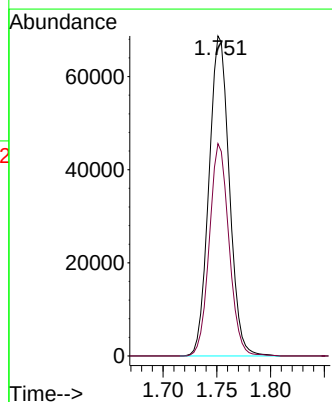
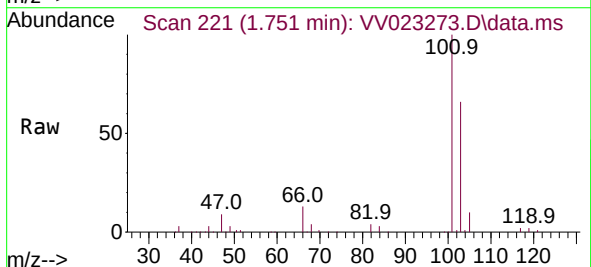


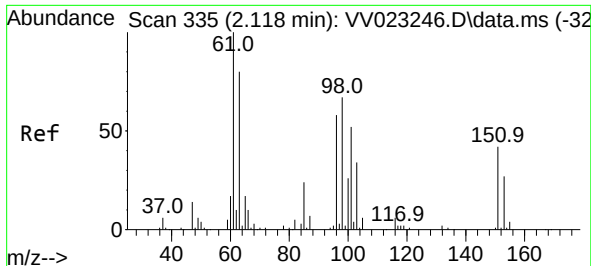
Tgt Ion: 64 Resp: 35810
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.517 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion:101 Resp: 90702
Ion Ratio Lower Upper
101 100
103 63.8 52.6 79.0

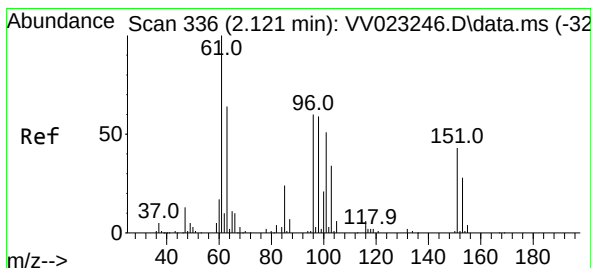
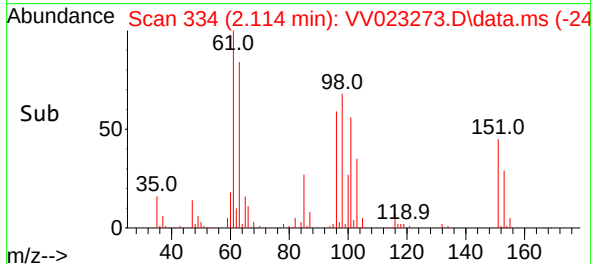
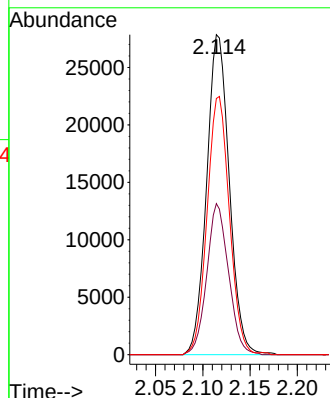
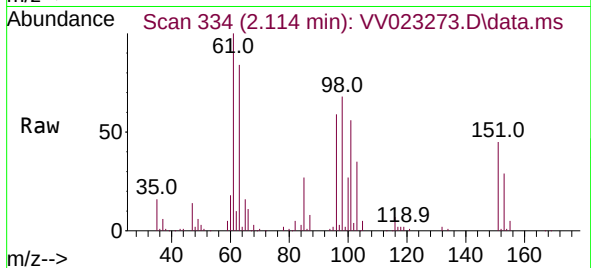




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.615 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

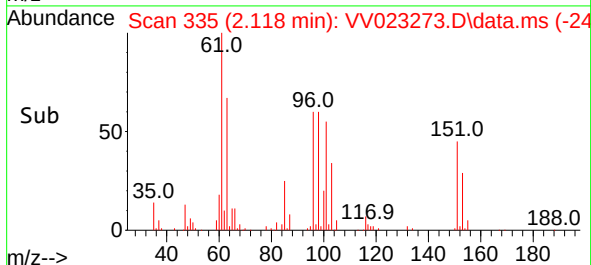
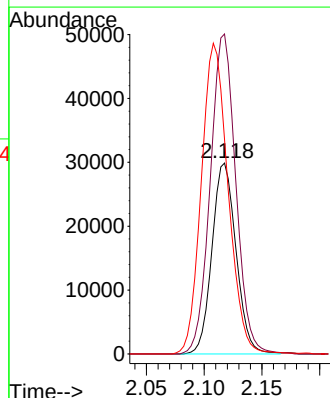
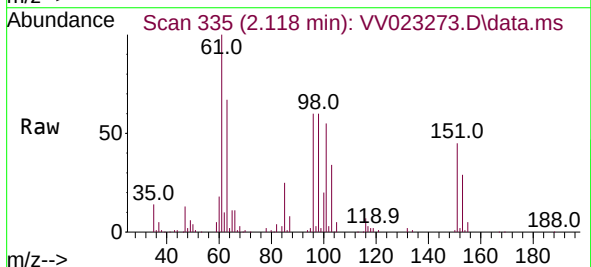
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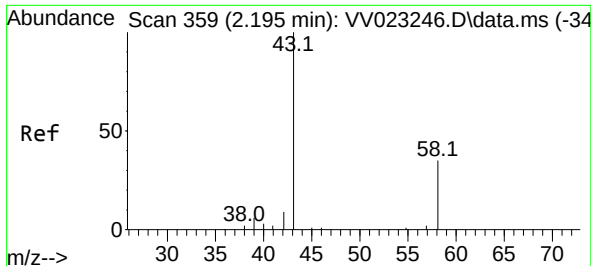
Tgt Ion:101 Resp: 46475
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.3 52.9
 151 79.4 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.490 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

Tgt Ion: 96 Resp: 43266
 Ion Ratio Lower Upper
 96 100
 61 167.7 121.5 225.7
 63 112.5 99.6 185.0

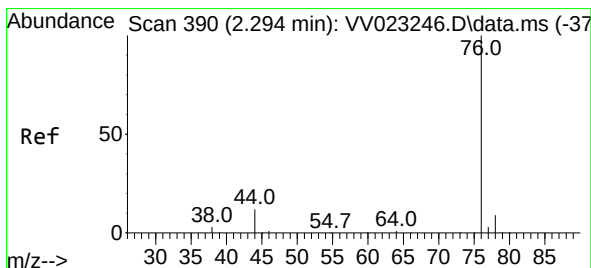
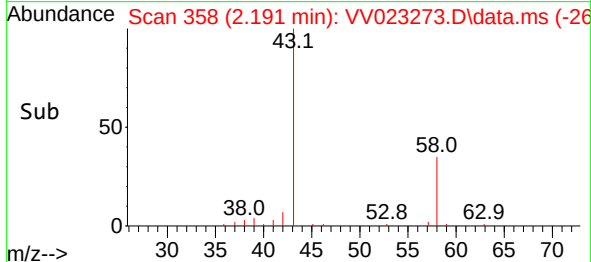
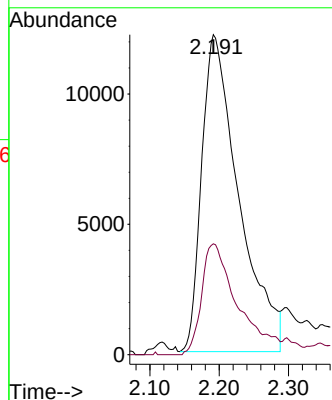
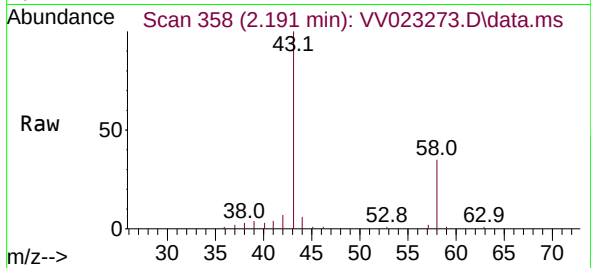




#13
Acetone
Concen: 51.982 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

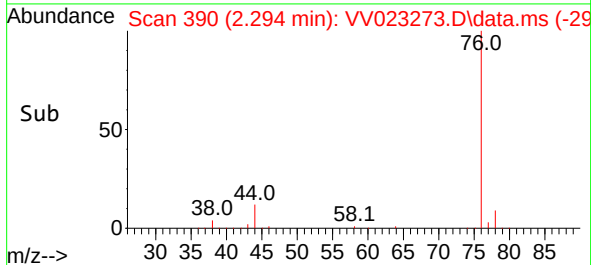
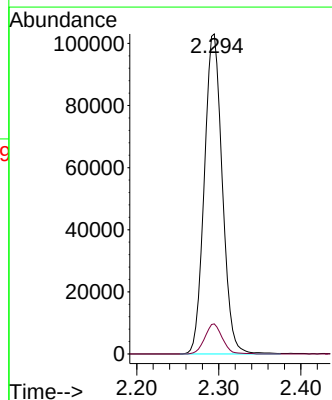
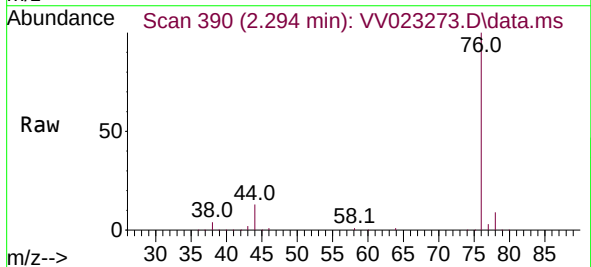
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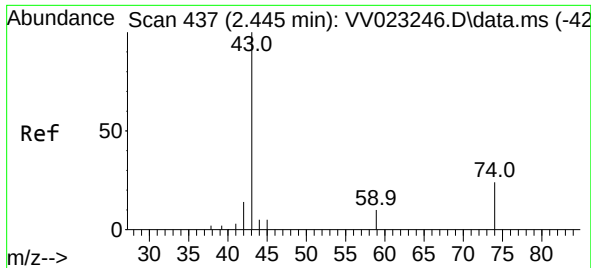
Tgt Ion: 43 Resp: 45304
Ion Ratio Lower Upper
43 100
58 34.0 0.0 55.4



#14
Carbon disulfide
Concen: 5.265 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion: 76 Resp: 156580
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 5.988 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

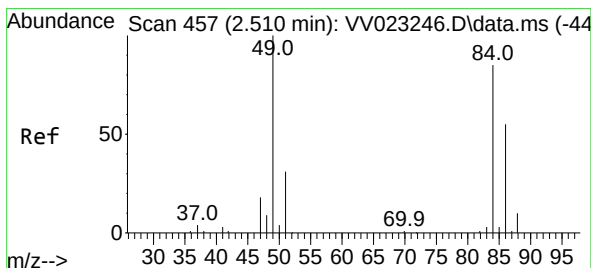
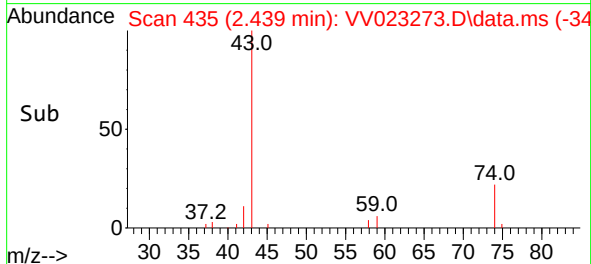
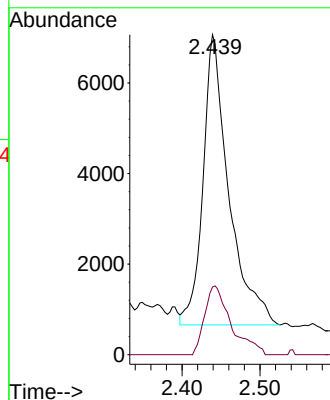
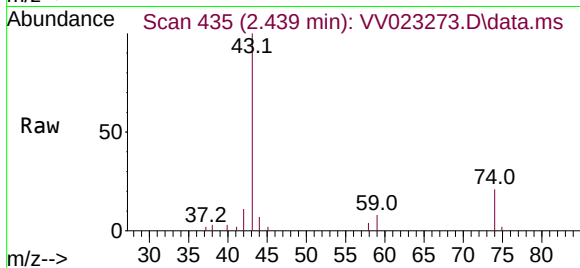
ClientSampleId :

Tgt Ion: 43 Resp: 14770

Ion Ratio Lower Upper

43 100

74 24.2 22.2 33.2



#16

Methylene chloride

Concen: 4.395 ug/L

RT: 2.507 min Scan# 456

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

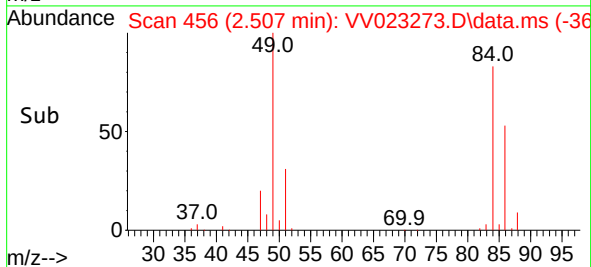
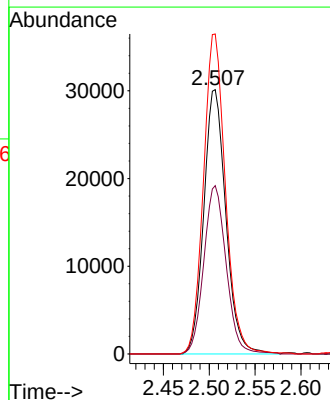
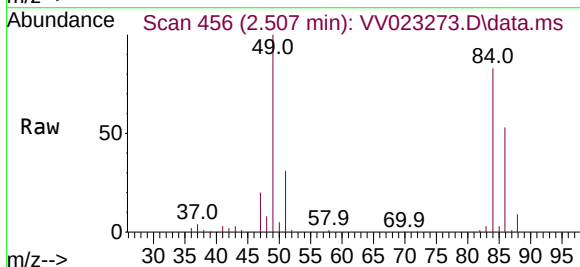
Tgt Ion: 84 Resp: 50551

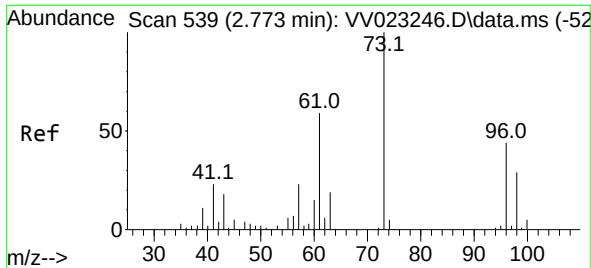
Ion Ratio Lower Upper

84 100

86 63.7 42.3 78.5

49 121.1 79.7 148.1

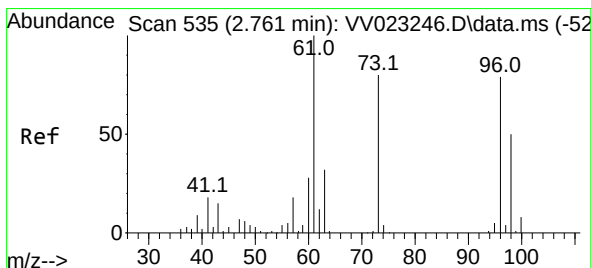
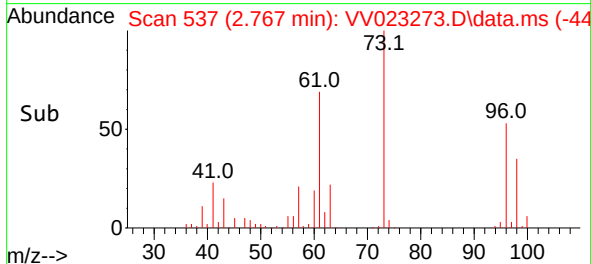
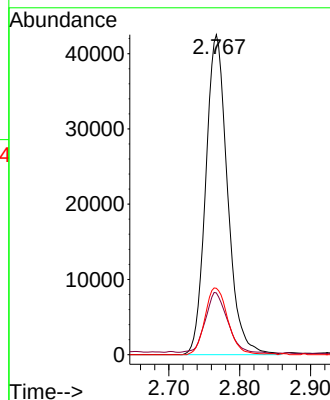
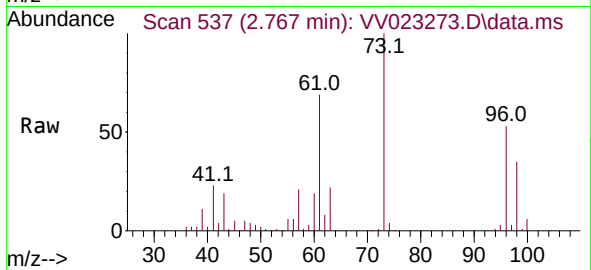




#17
Methyl tert-butyl Ether
Concen: 5.224 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

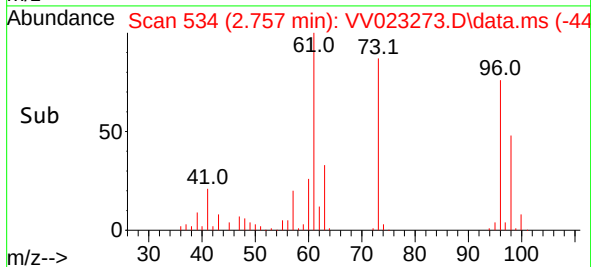
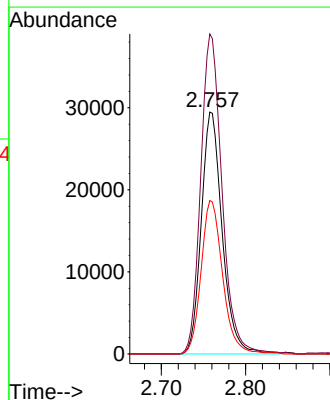
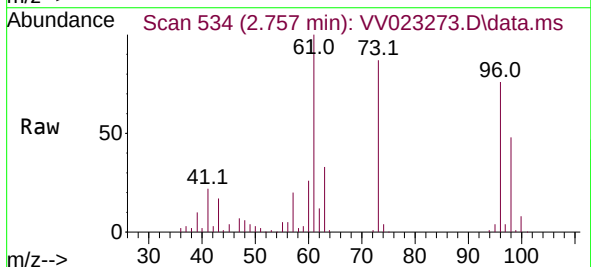
Instrument :
MSVOA_V
ClientSampleId :

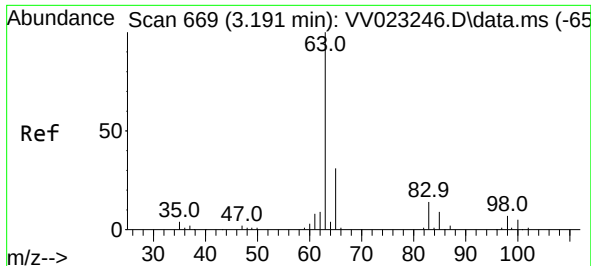
Tgt Ion: 73 Resp: 90619
Ion Ratio Lower Upper
73 100
43 19.9 17.4 26.0
57 21.9 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.263 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion: 96 Resp: 50992
Ion Ratio Lower Upper
96 100
61 132.2 93.2 173.2
98 63.4 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.437 ug/L

RT: 3.188 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV023273.D

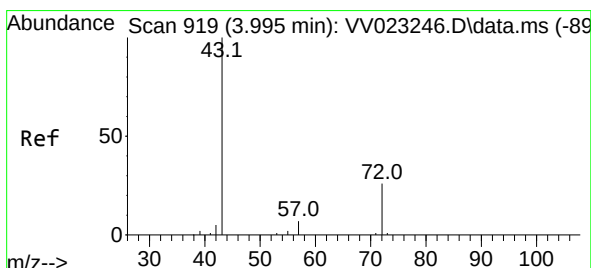
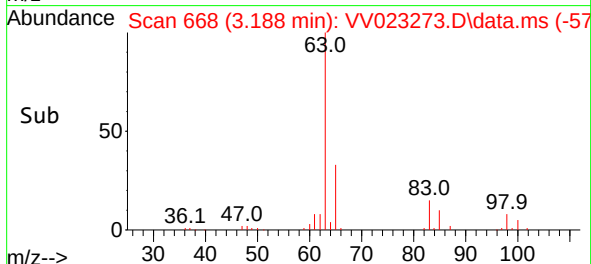
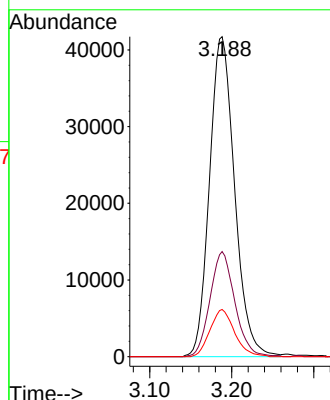
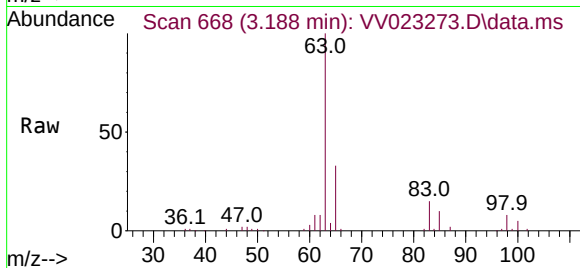
Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	88926
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.6	42.0
83	14.8	11.1	20.7



#21

2-Butanone

Concen: 52.516 ug/L

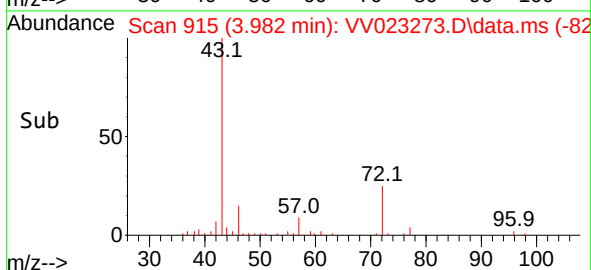
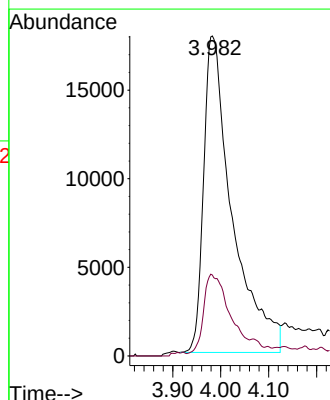
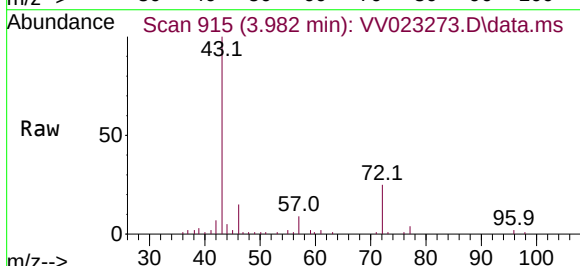
RT: 3.982 min Scan# 915

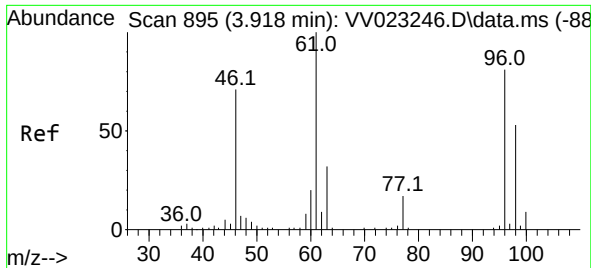
Delta R.T. -0.013 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Tgt Ion:	43	Resp:	73997
Ion	Ratio	Lower	Upper
43	100		
72	22.5	11.9	35.9

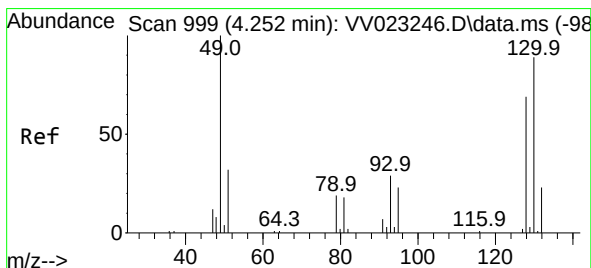
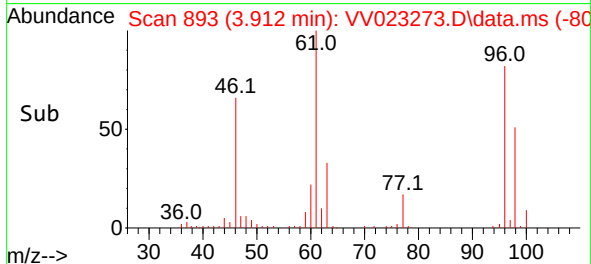
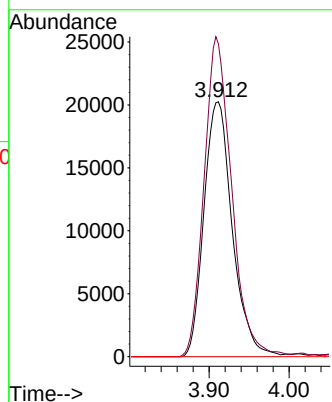
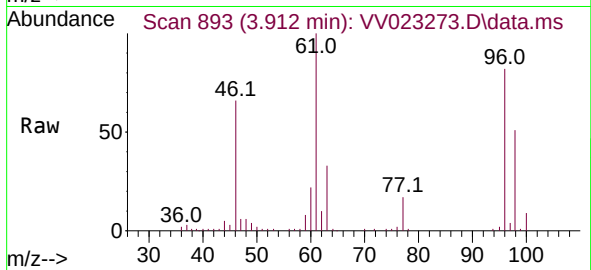




#22
 cis-1,2-Dichloroethene
 Concen: 5.351 ug/L
 RT: 3.912 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

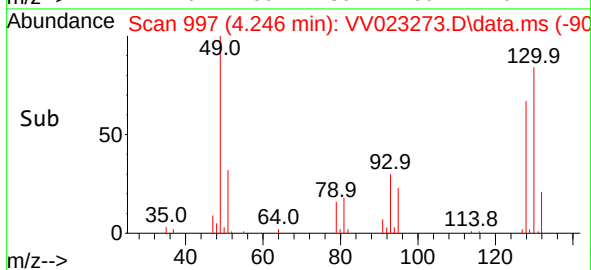
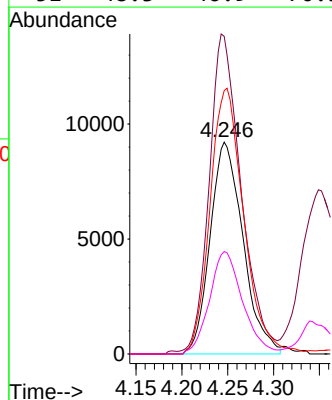
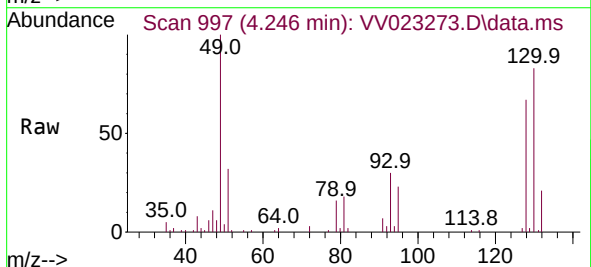
Instrument :
 MSVOA_V
 ClientSampleId :

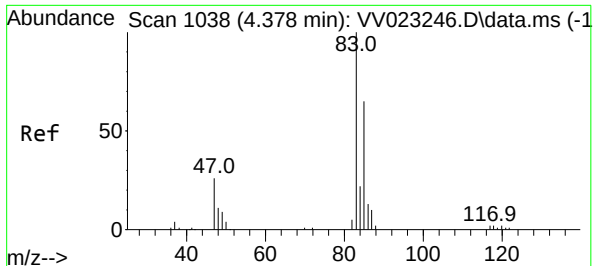
Tgt Ion: 96 Resp: 49891
 Ion Ratio Lower Upper
 96 100
 61 122.7 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.349 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

Tgt Ion: 128 Resp: 22995
 Ion Ratio Lower Upper
 128 100
 49 149.9 126.1 234.3
 130 124.2 95.2 176.8
 51 48.3 46.9 70.3





#25

Chloroform

Concen: 5.423 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

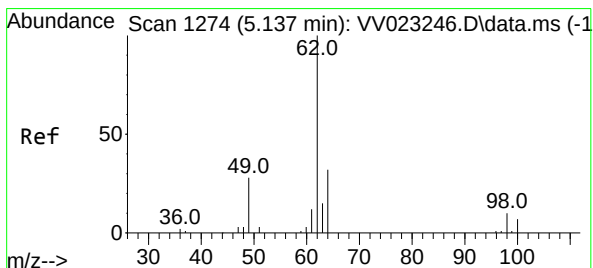
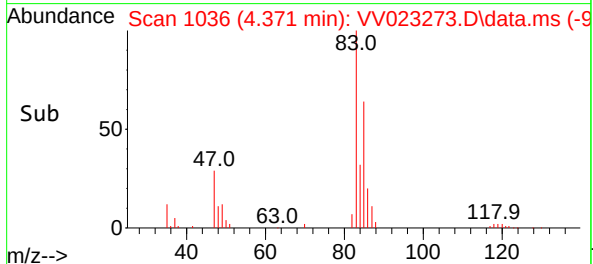
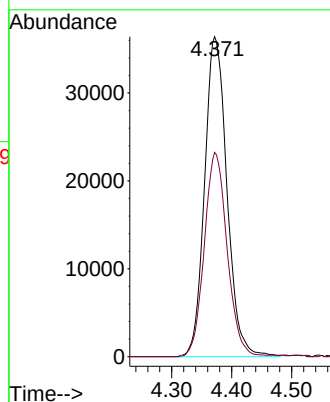
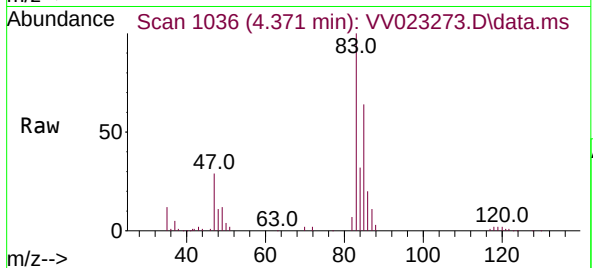
ClientSampleId :

Tgt Ion: 83 Resp: 94546

Ion Ratio Lower Upper

83 100

85 63.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.297 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VV023273.D

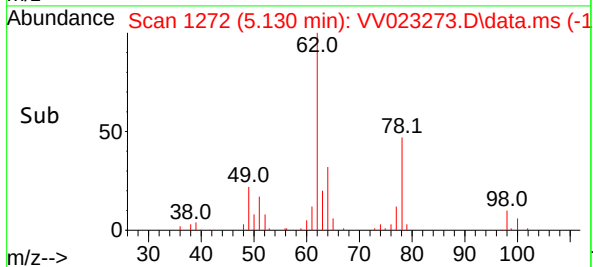
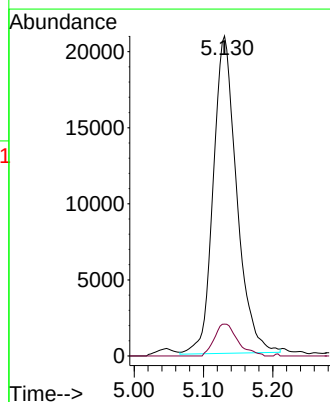
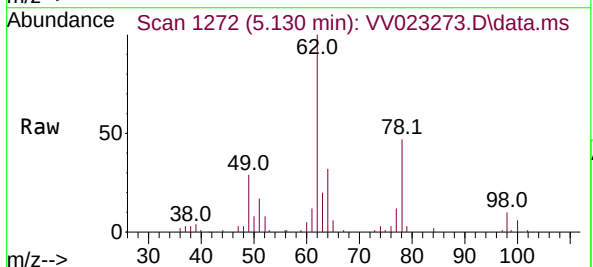
Acq: 08 Nov 2021 10:39

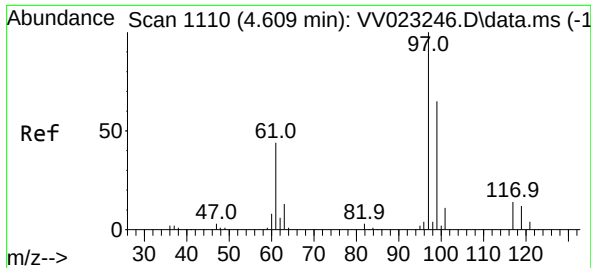
Tgt Ion: 62 Resp: 49122

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.4

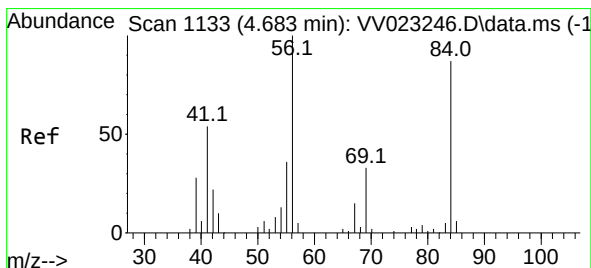
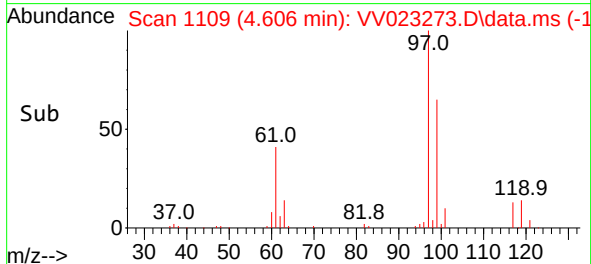
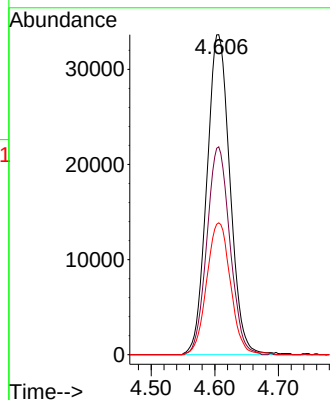
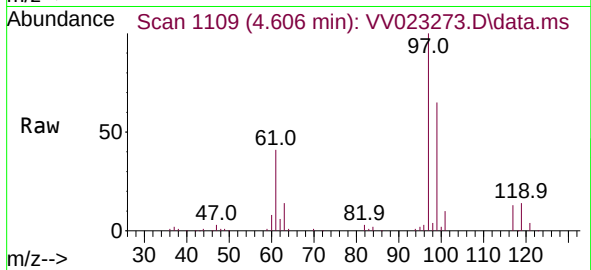




#29
1,1,1-Trichloroethane
Concen: 5.325 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

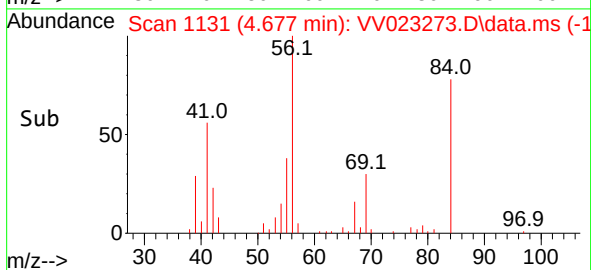
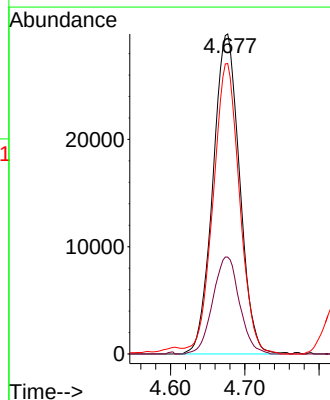
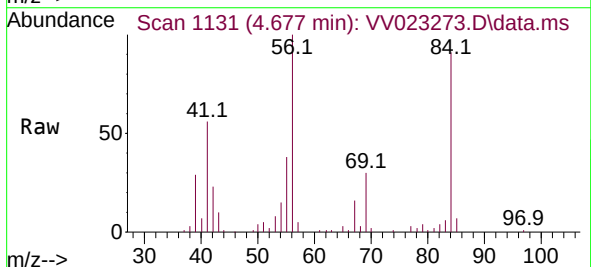
Instrument :
MSVOA_V
ClientSampleId :

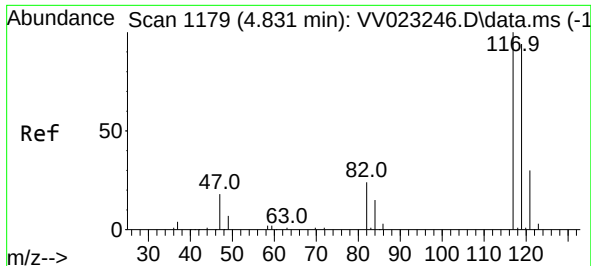
Tgt Ion: 97 Resp: 85101
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 42.2 34.1 51.1



#30
Cyclohexane
Concen: 5.191 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion: 56 Resp: 74346
Ion Ratio Lower Upper
56 100
69 30.4 23.5 35.3
84 90.2 71.6 107.4

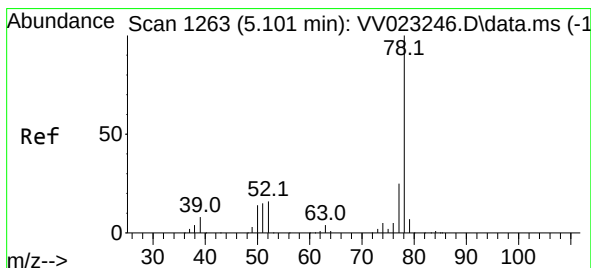
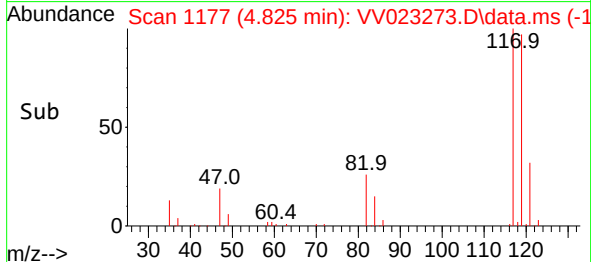
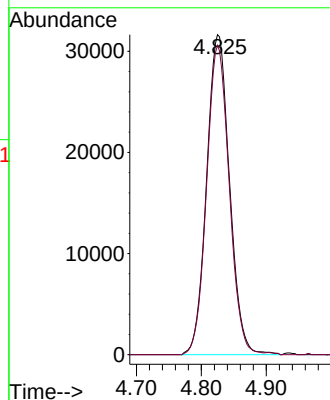
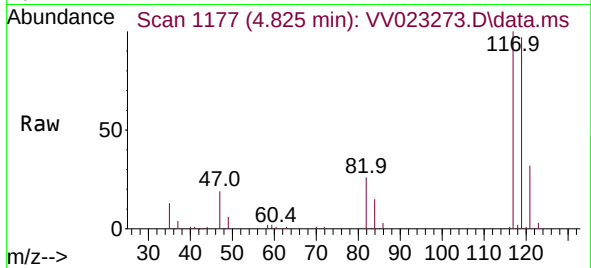




#31
Carbon tetrachloride
Concen: 5.410 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.006 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

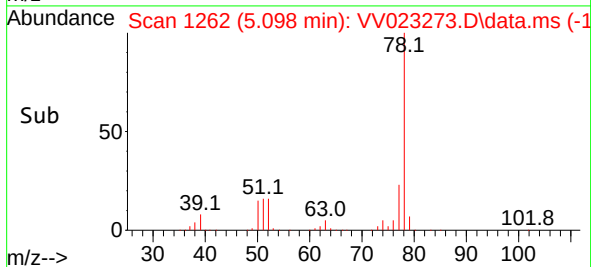
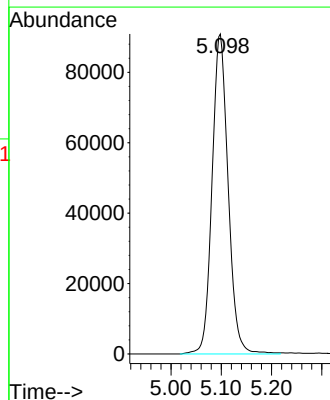
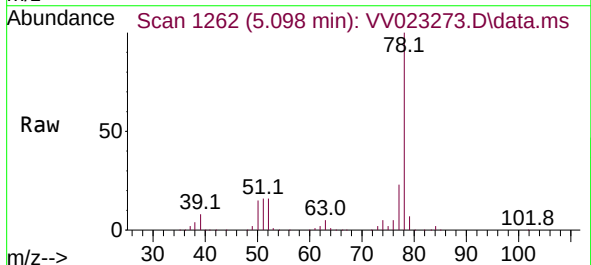
Instrument :
MSVOA_V
ClientSampleId :

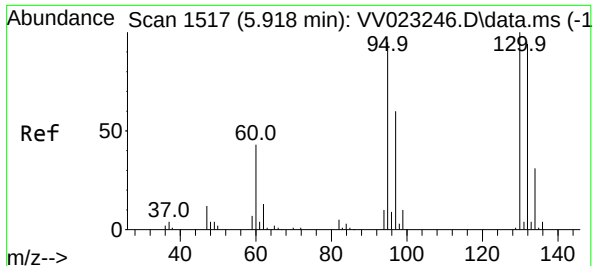
Tgt Ion:117 Resp: 77661
Ion Ratio Lower Upper
117 100
119 95.1 78.8 118.2



#33
Benzene
Concen: 5.489 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

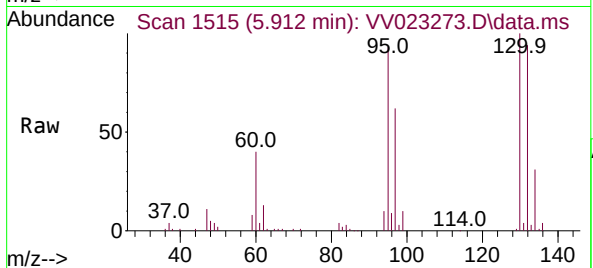
Tgt Ion: 78 Resp: 201886



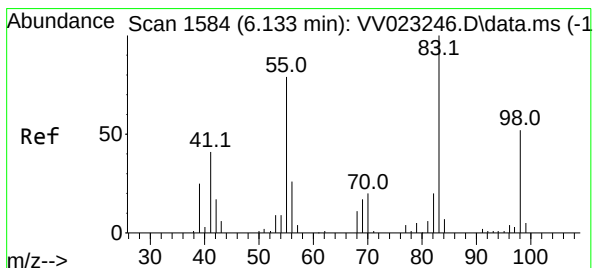
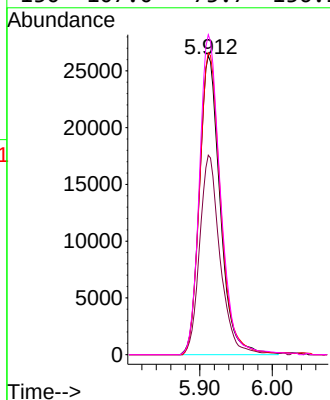
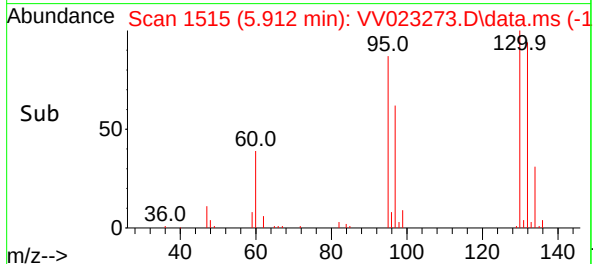


#34
Trichloroethene
Concen: 5.331 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

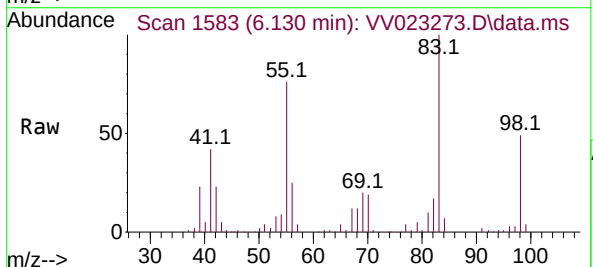
Instrument :
MSVOA_V
ClientSampleId :



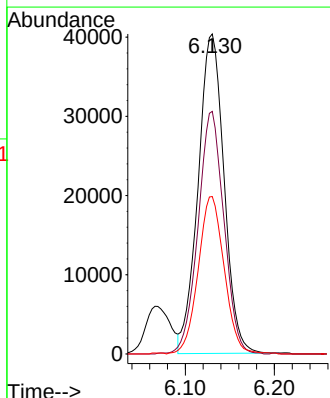
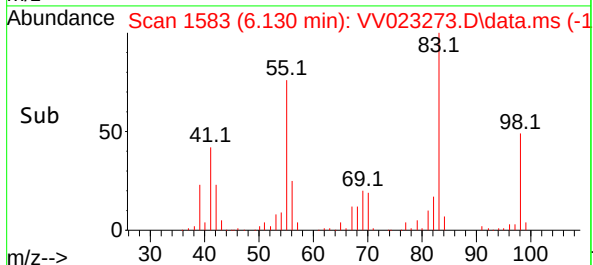
Tgt Ion: 95 Resp: 52143
Ion Ratio Lower Upper
95 100
97 66.7 45.0 83.6
132 101.0 69.7 129.4
130 107.0 73.7 136.9

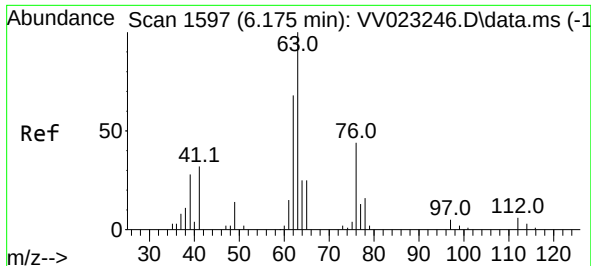


#35
Methylcyclohexane
Concen: 5.284 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39



Tgt Ion: 83 Resp: 81569
Ion Ratio Lower Upper
83 100
55 75.7 62.8 94.2
98 49.5 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.508 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

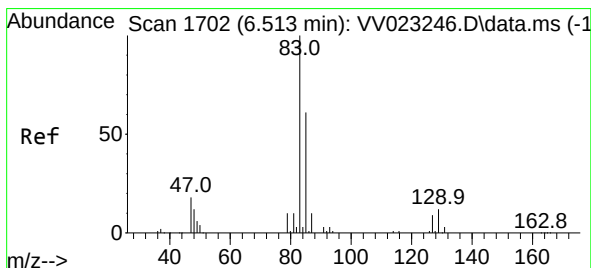
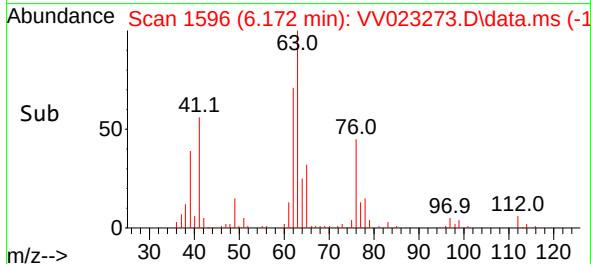
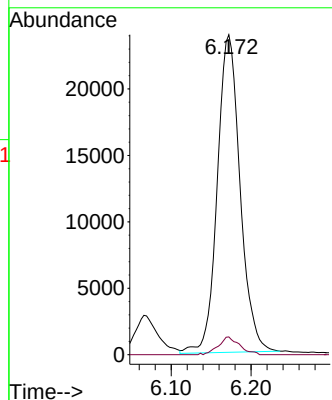
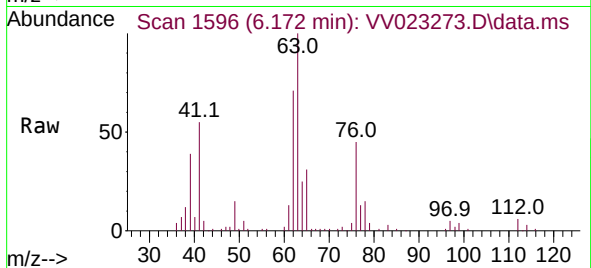
ClientSampleId :

Tgt Ion: 63 Resp: 47294

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 5.328 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

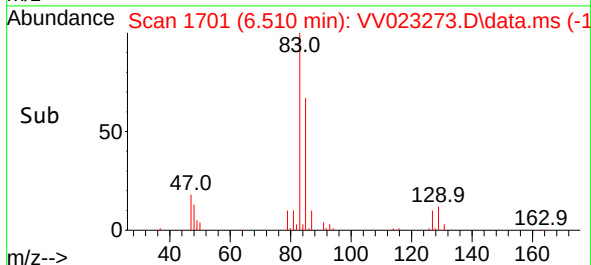
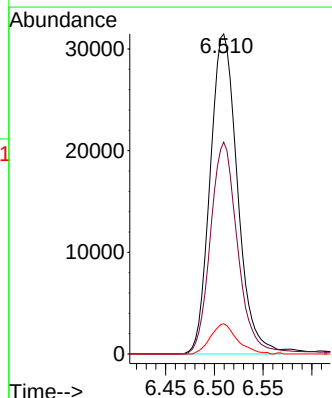
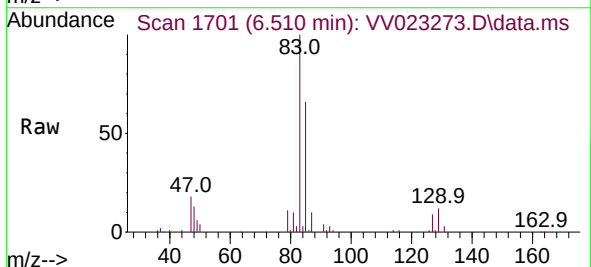
Tgt Ion: 83 Resp: 61308

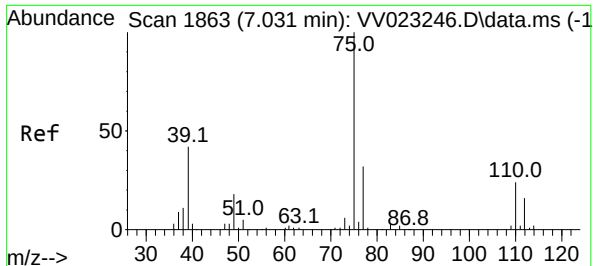
Ion Ratio Lower Upper

83 100

85 66.2 46.1 85.7

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.169 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

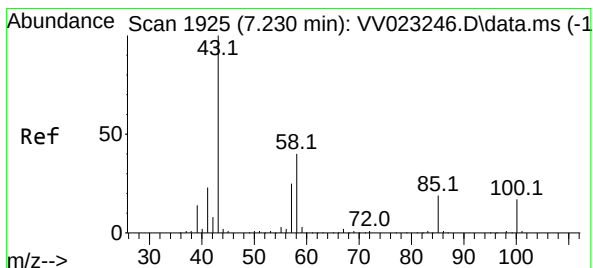
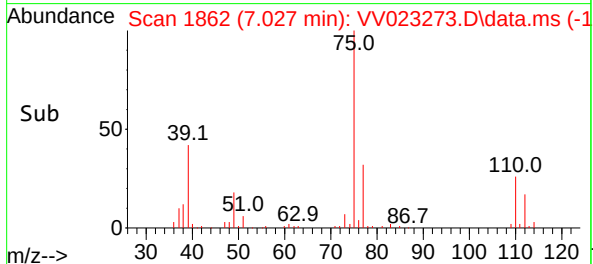
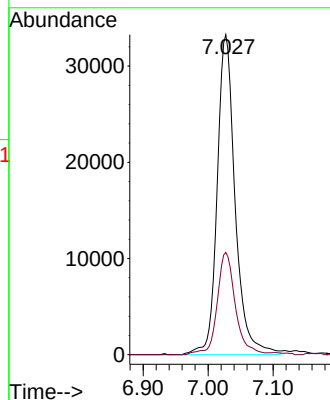
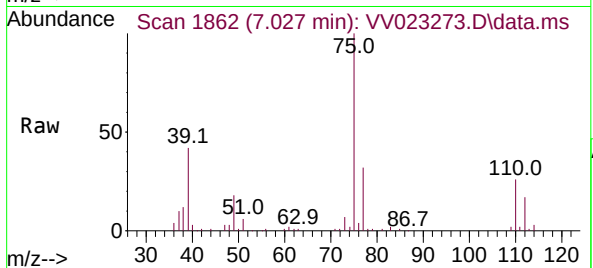
ClientSampleId :

Tgt Ion: 75 Resp: 63834

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 57.896 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

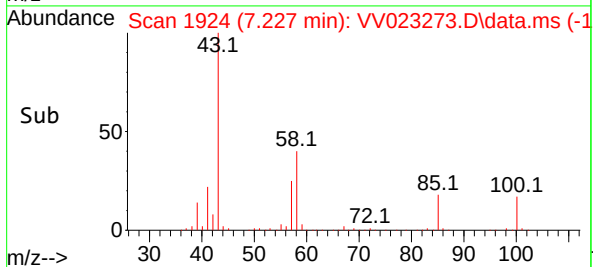
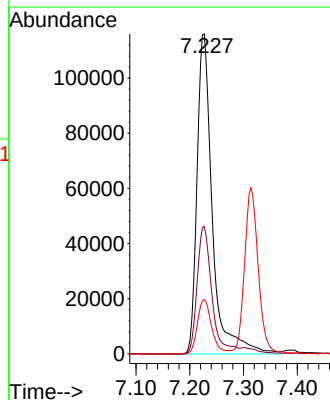
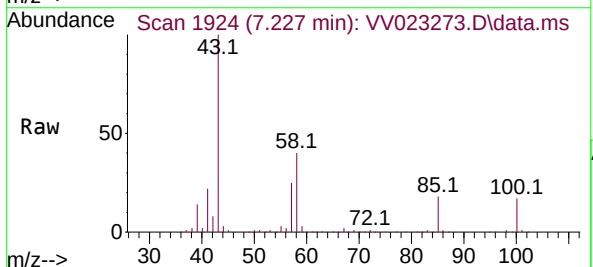
Tgt Ion: 43 Resp: 230567

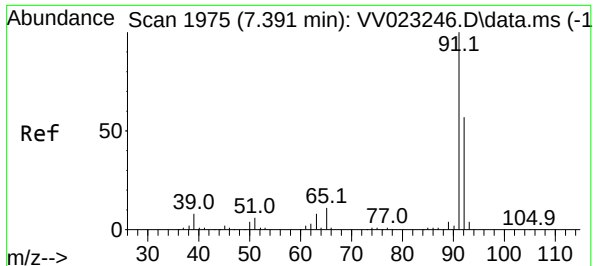
Ion Ratio Lower Upper

43 100

58 38.4 31.1 46.7

100 15.8 12.6 19.0





#42

Toluene

Concen: 5.674 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

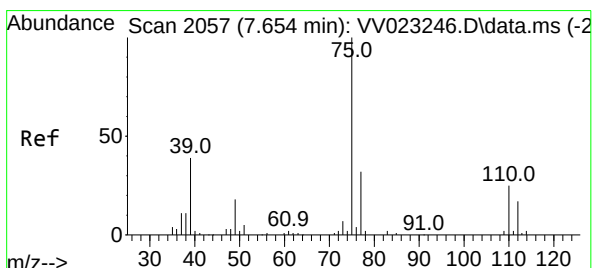
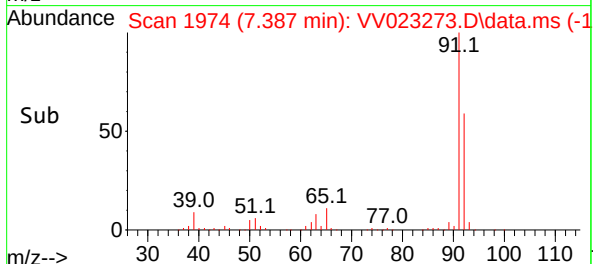
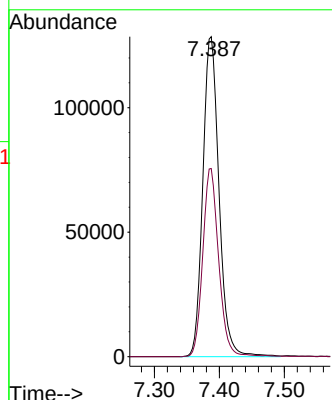
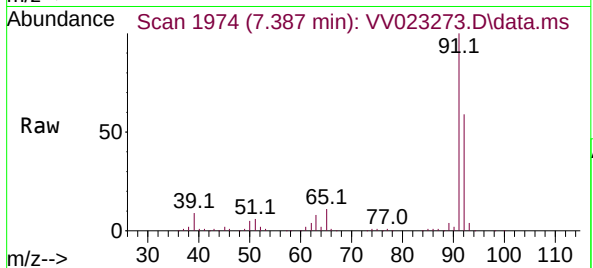
ClientSampleId :

Tgt Ion: 91 Resp: 223208

Ion Ratio Lower Upper

91 100

92 58.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.467 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023273.D

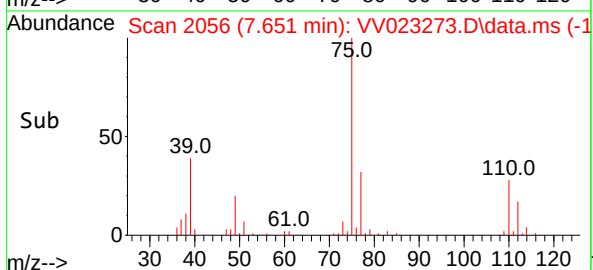
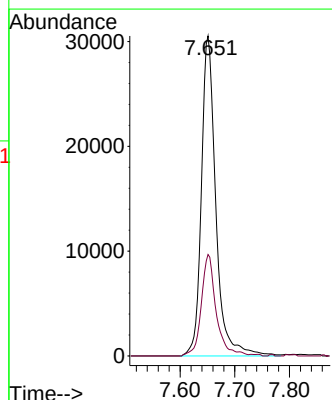
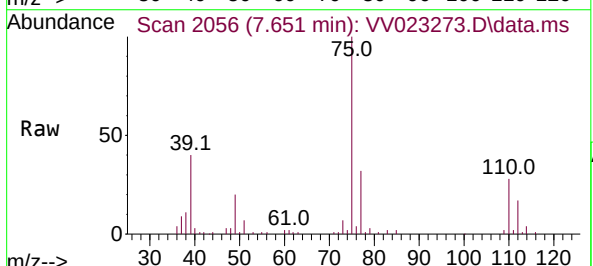
Acq: 08 Nov 2021 10:39

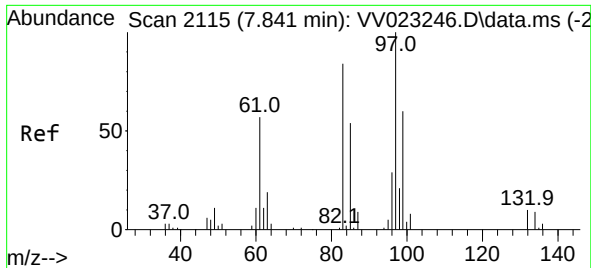
Tgt Ion: 75 Resp: 56027

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7

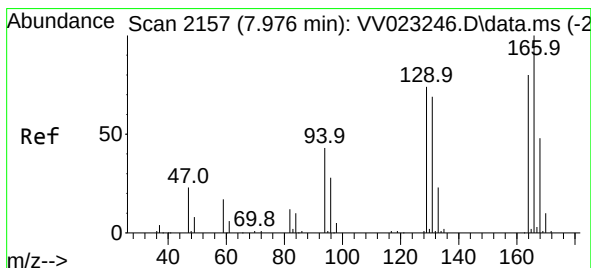
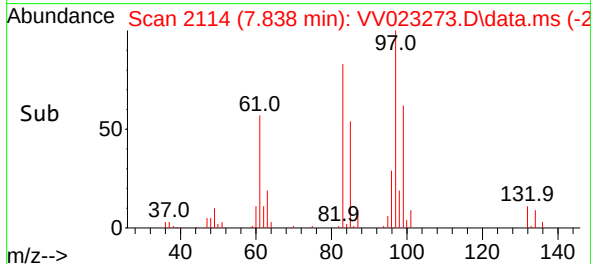
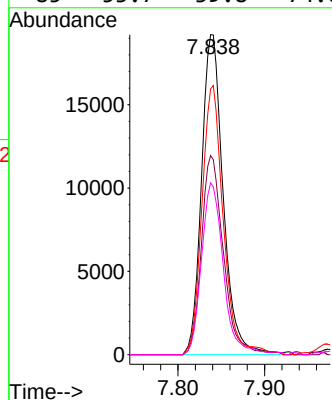
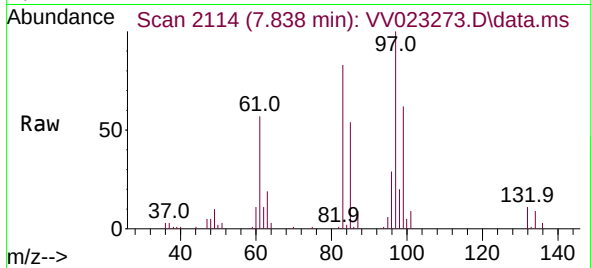




#45
1,1,2-Trichloroethane
Concen: 5.417 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

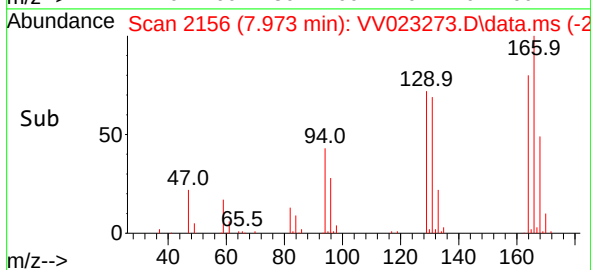
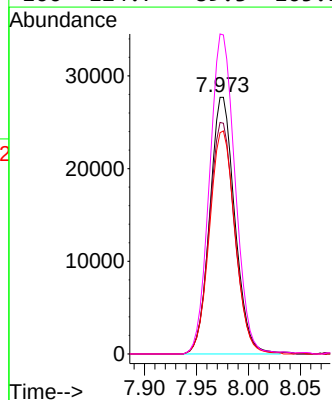
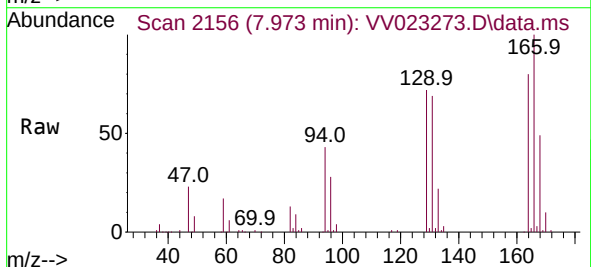
Instrument :
MSVOA_V
ClientSampleId :

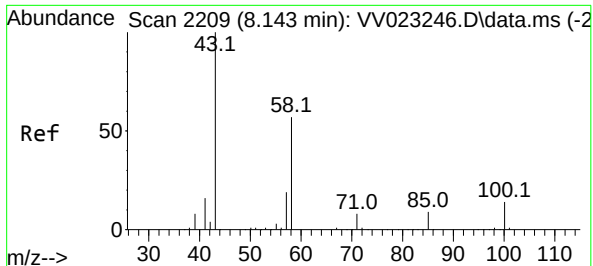
Tgt Ion: 97	Resp: 33419
Ion Ratio	Lower Upper
97 100	
99 62.2	43.6 81.0
83 83.0	58.4 108.4
85 53.7	39.8 74.0



#47
Tetrachloroethene
Concen: 5.471 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt	Ion:164	Resp:	46373
Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.0	119.0
131	86.2	63.4	117.8
166	124.7	89.3	165.9

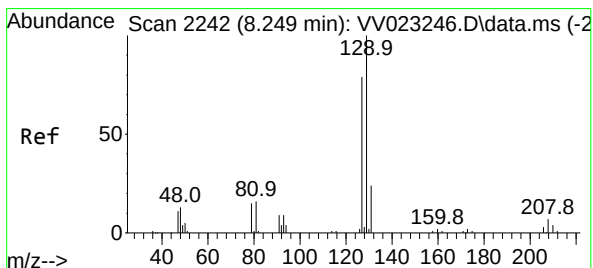
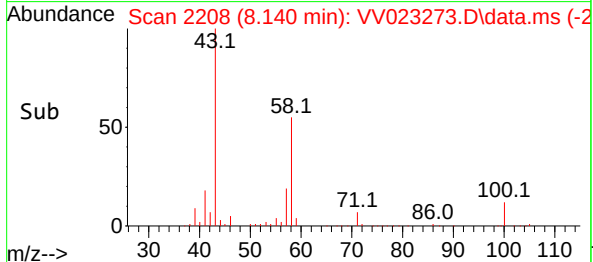
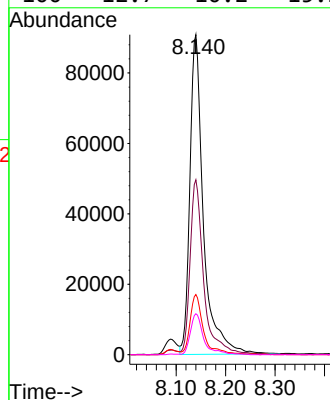
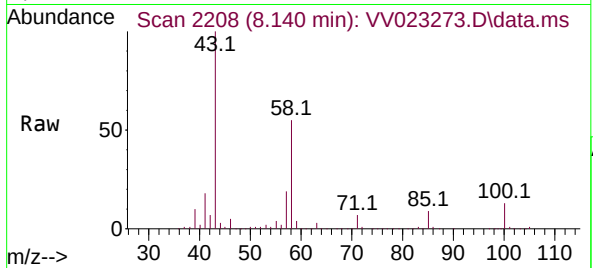




#48
2-Hexanone
Concen: 61.666 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

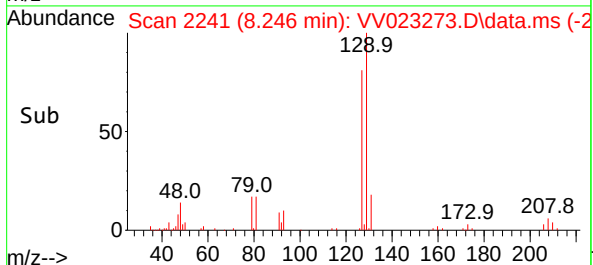
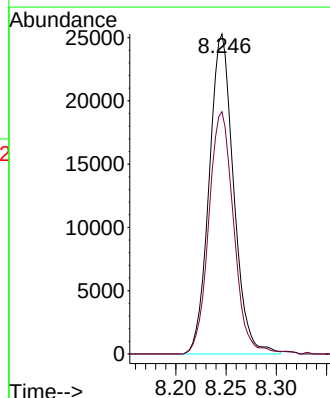
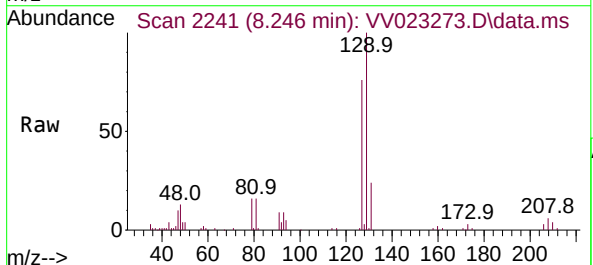
Instrument :
MSVOA_V
ClientSampleId :

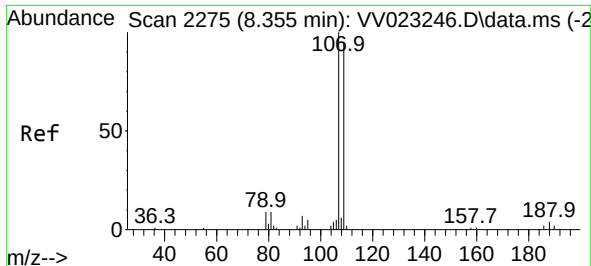
Tgt Ion: 43 Resp: 172081
Ion Ratio Lower Upper
43 100
58 54.2 43.7 65.5
57 18.3 14.1 21.1
100 12.7 10.2 15.2



#49
Dibromochloromethane
Concen: 5.470 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion:129 Resp: 42758
Ion Ratio Lower Upper
129 100
127 75.7 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.563 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023273.D

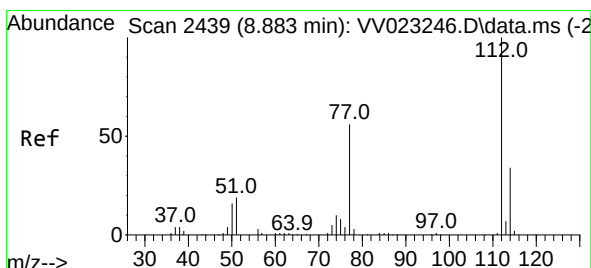
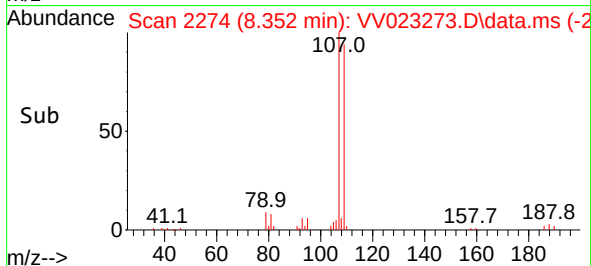
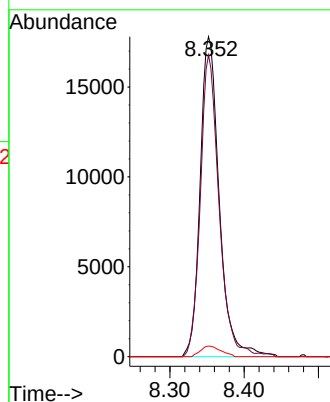
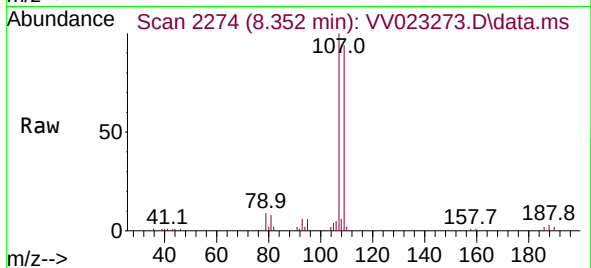
Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	31807
Ion	Ratio	Lower	Upper
107	100		
109	94.2	64.7	120.1
188	3.3	3.6	5.4#



#51

Chlorobenzene

Concen: 5.259 ug/L

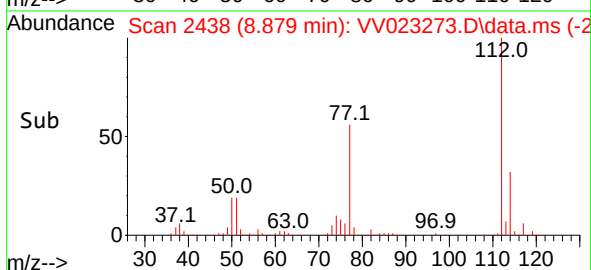
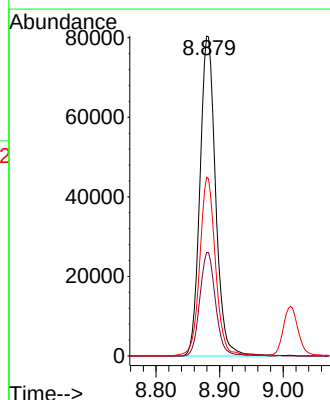
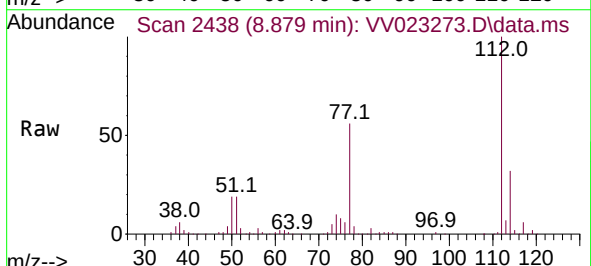
RT: 8.879 min Scan# 2438

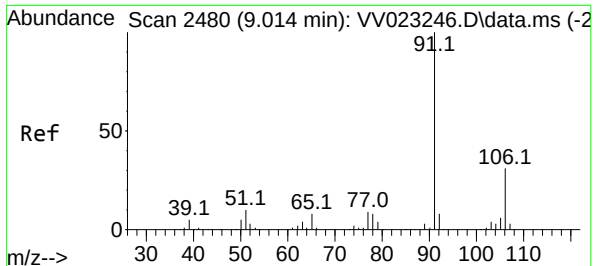
Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Tgt Ion:	112	Resp:	137511
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	55.8	44.4	66.6





#52

Ethylbenzene

Concen: 5.338 ug/L

RT: 9.011 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

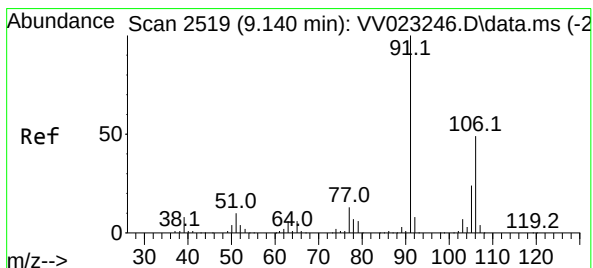
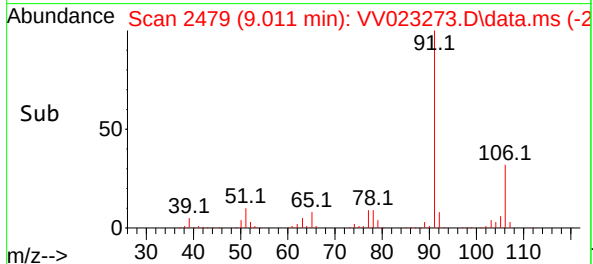
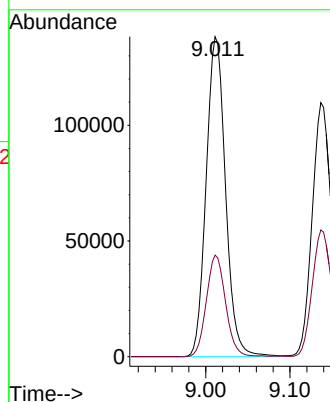
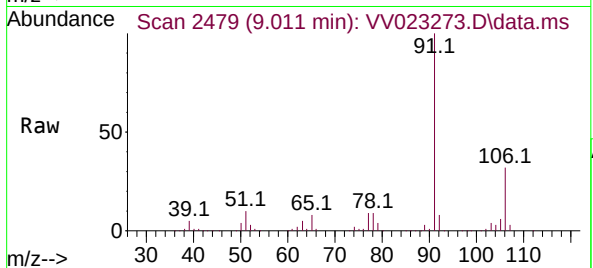
ClientSampleId :

Tgt Ion: 91 Resp: 221493

Ion Ratio Lower Upper

91 100

106 31.8 22.5 41.9



#53

m,p-xylene

Concen: 5.563 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV023273.D

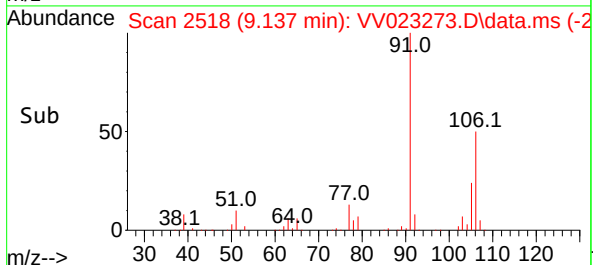
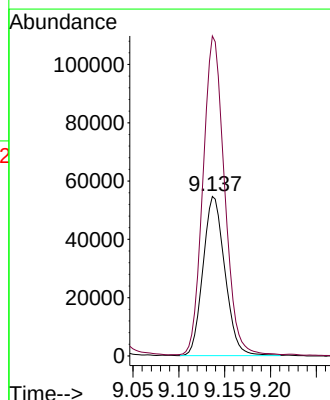
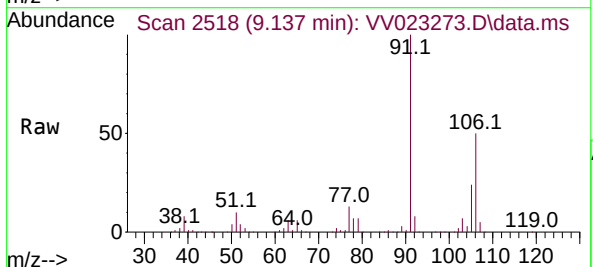
Acq: 08 Nov 2021 10:39

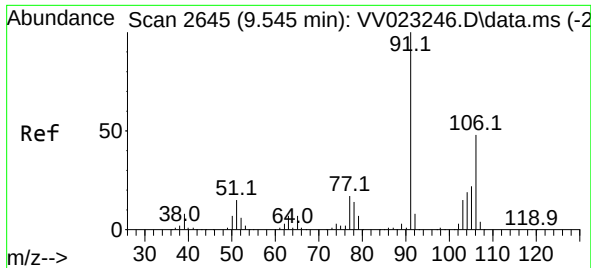
Tgt Ion: 106 Resp: 90590

Ion Ratio Lower Upper

106 100

91 200.5 137.2 254.8

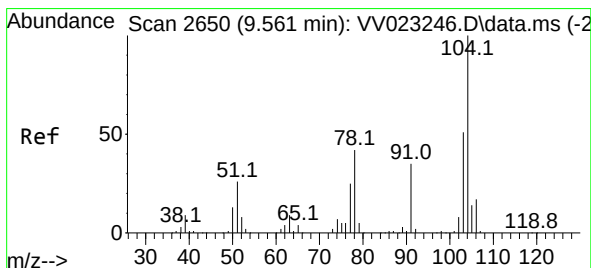
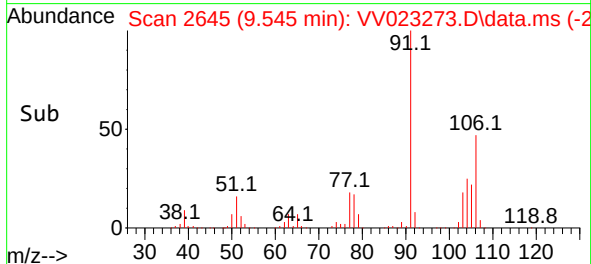
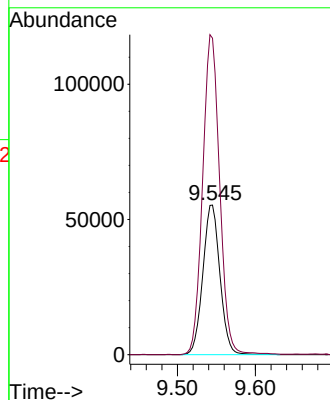
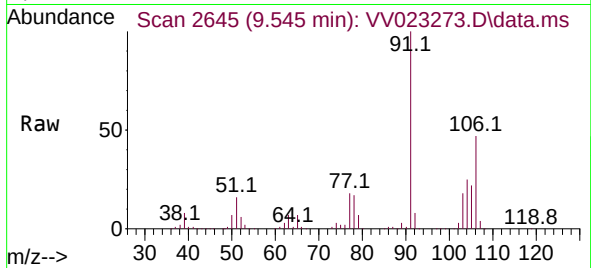




#54
o-xylene
Concen: 5.522 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

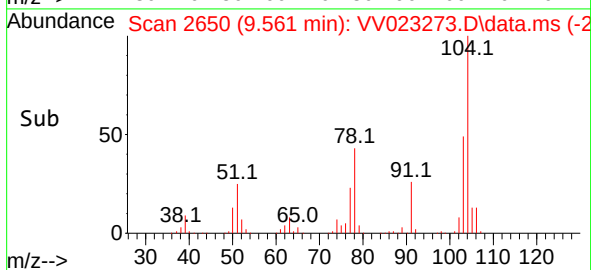
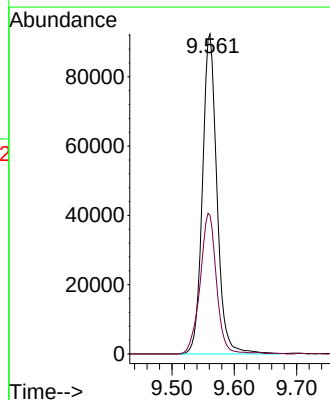
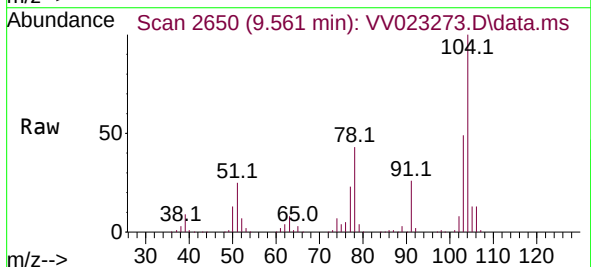
Instrument :
MSVOA_V
ClientSampleId :

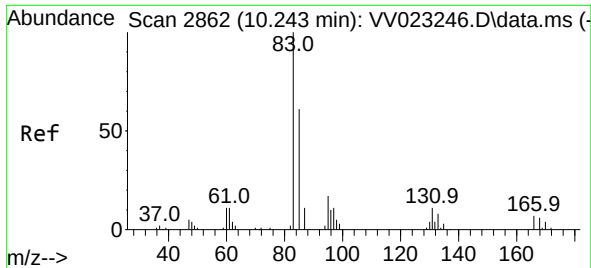
Tgt Ion:106 Resp: 84363
Ion Ratio Lower Upper
106 100
91 211.5 148.3 275.5



#55
Styrene
Concen: 5.723 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion:104 Resp: 149771
Ion Ratio Lower Upper
104 100
78 43.4 29.3 54.3

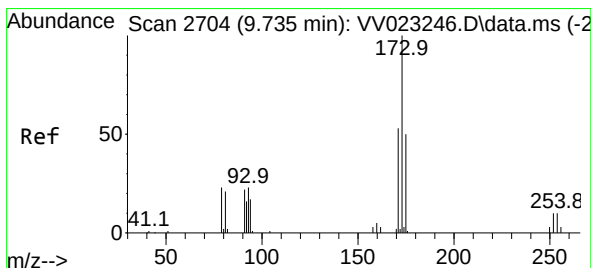
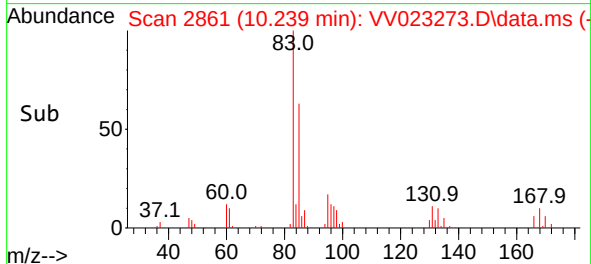
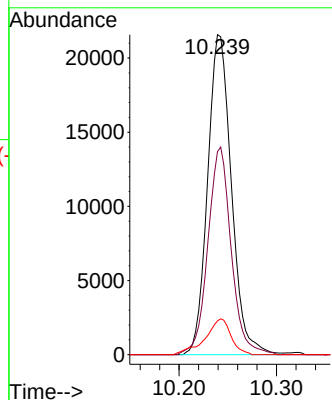
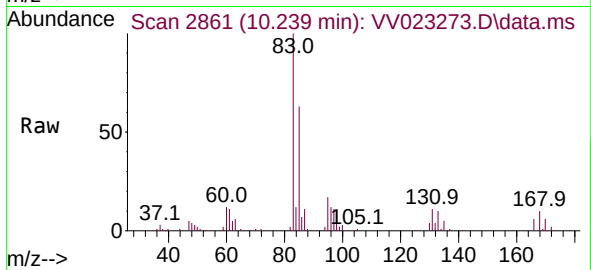




#57
1,1,2,2-Tetrachloroethane
Concen: 5.421 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

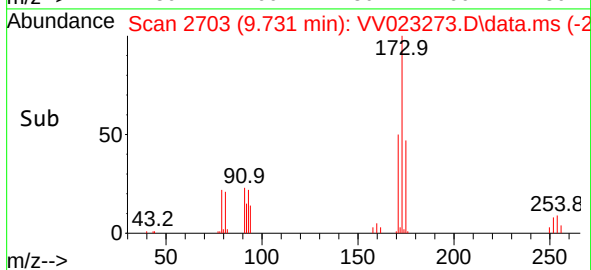
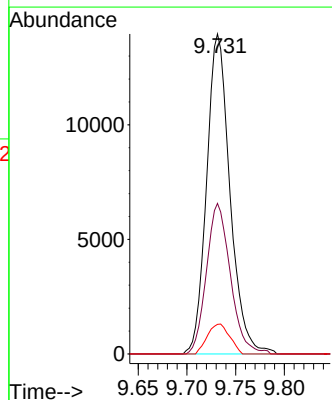
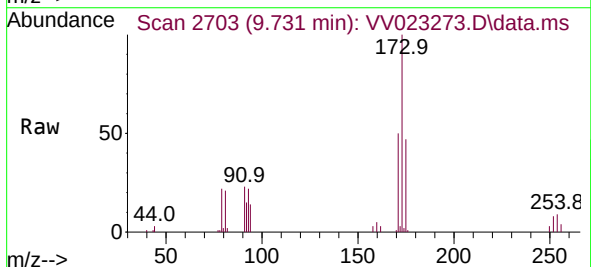
Instrument :
MSVOA_V
ClientSampleId :

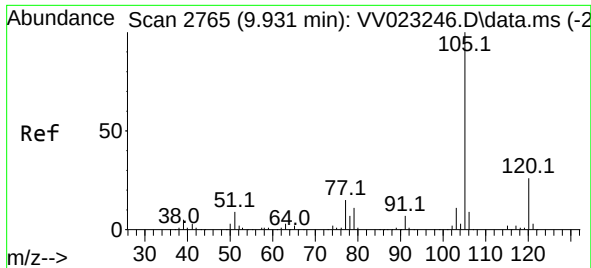
Tgt Ion: 83 Resp: 36642
Ion Ratio Lower Upper
83 100
85 63.5 45.1 83.9
131 10.6 7.8 11.6



#59
Bromoform
Concen: 5.314 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion: 173 Resp: 23307
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
254 8.9 6.2 9.2

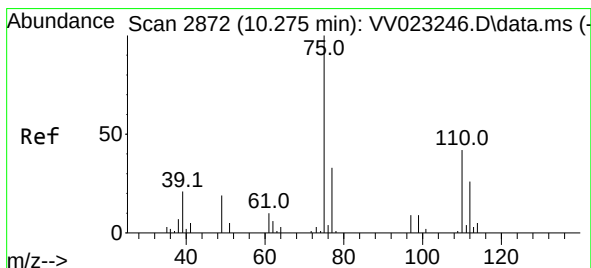
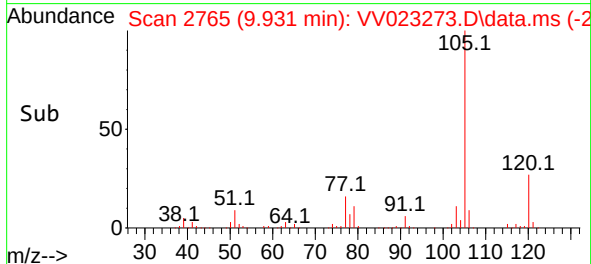
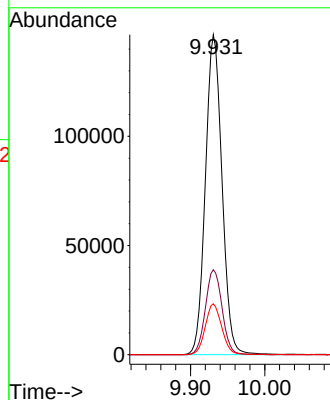
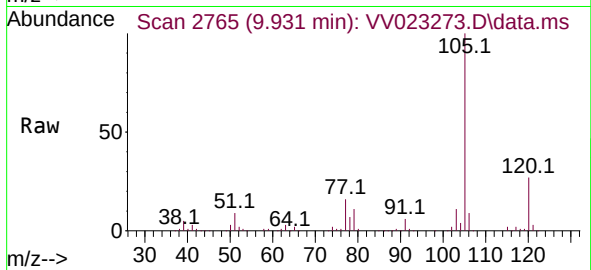




#60
Isopropylbenzene
Concen: 5.394 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

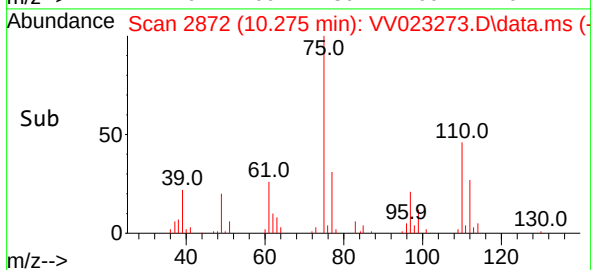
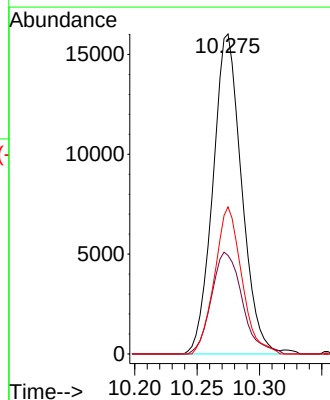
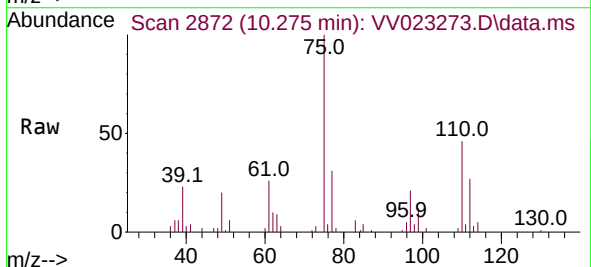
Instrument :
MSVOA_V
ClientSampleId :

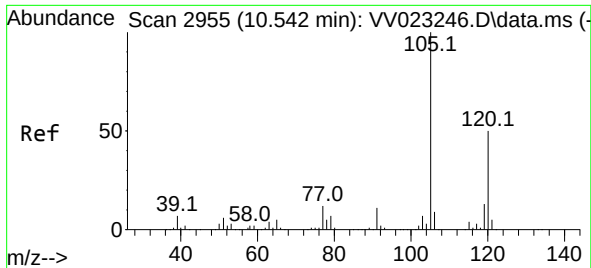
Tgt Ion:105 Resp: 227306
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.267 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion: 75 Resp: 25695
Ion Ratio Lower Upper
75 100
77 34.1 26.6 39.8
110 43.5 31.8 47.6

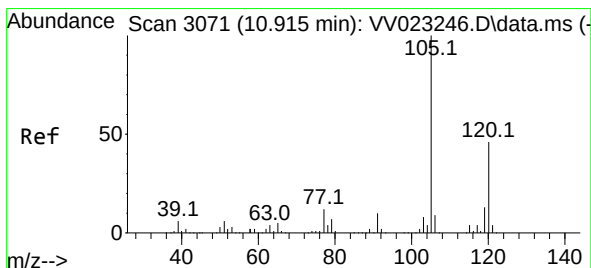
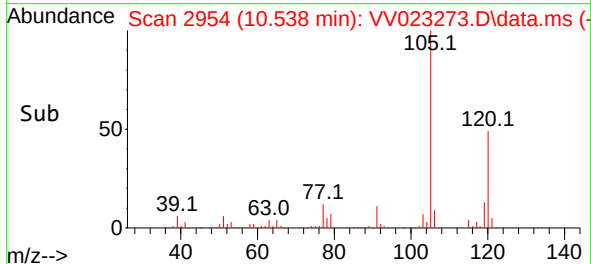
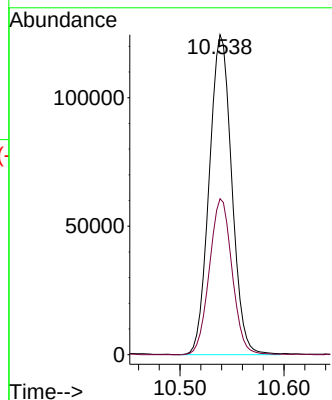
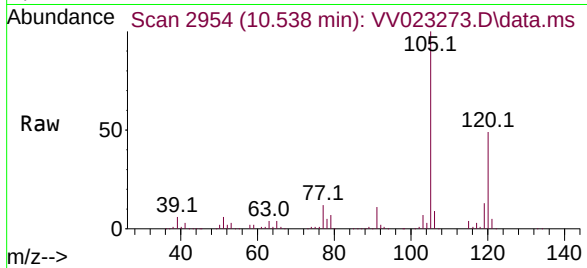




#62
1,3,5-Trimethylbenzene
Concen: 5.368 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

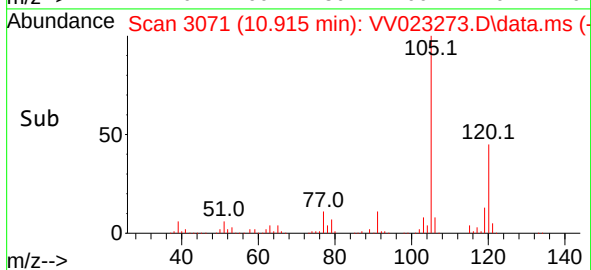
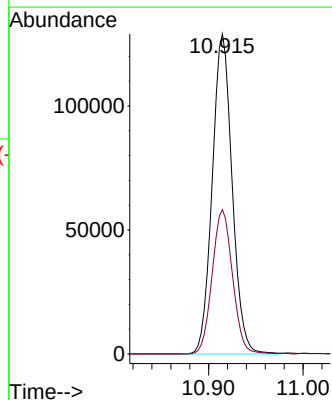
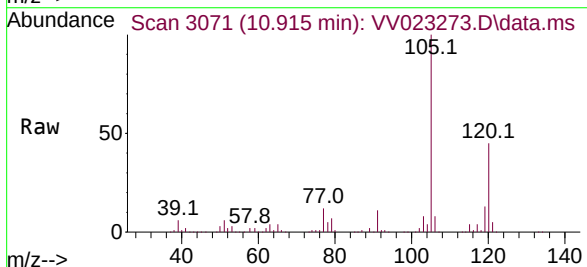
Instrument :
MSVOA_V
ClientSampleId :

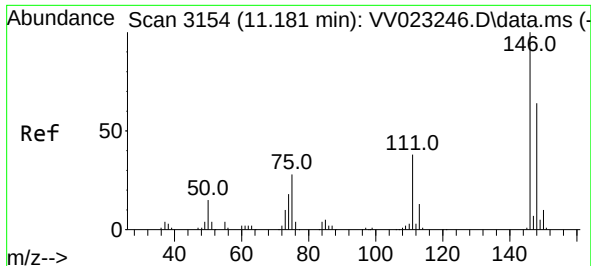
Tgt Ion:105 Resp: 187566
Ion Ratio Lower Upper
105 100
120 49.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.424 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

Tgt Ion:105 Resp: 188617
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.463 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

ClientSampleId :

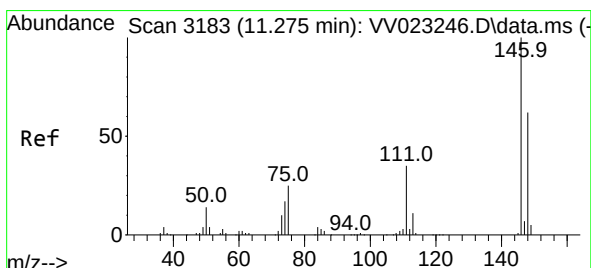
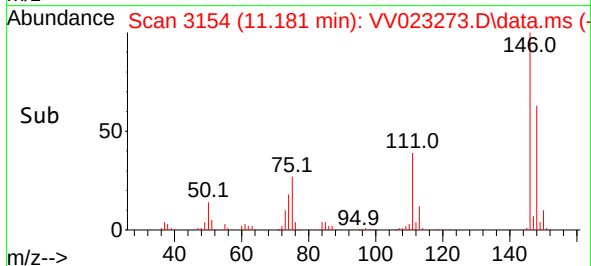
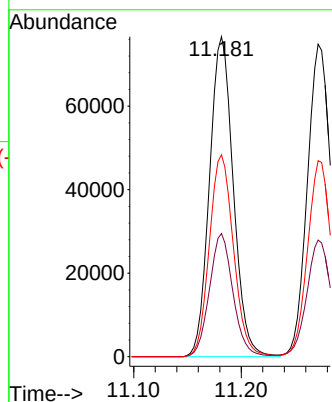
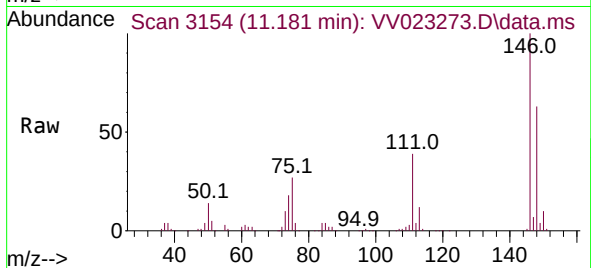
Tgt Ion:146 Resp: 117633

Ion Ratio Lower Upper

146 100

111 38.5 26.7 49.7

148 63.1 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 5.394 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. -0.003 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

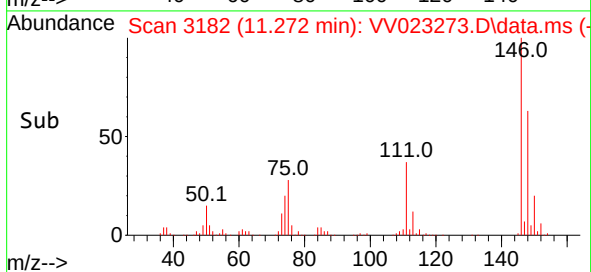
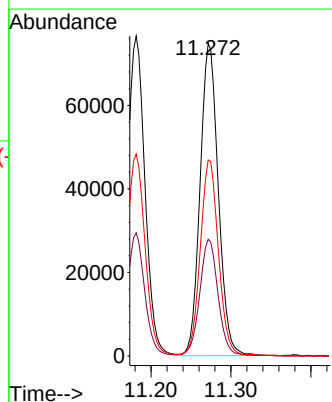
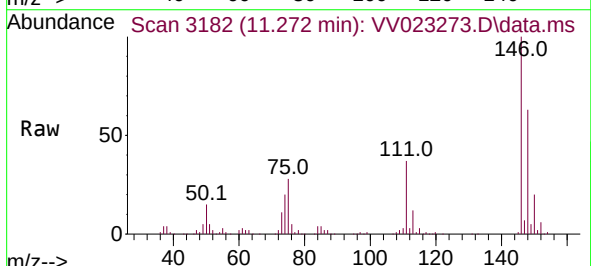
Tgt Ion:146 Resp: 118605

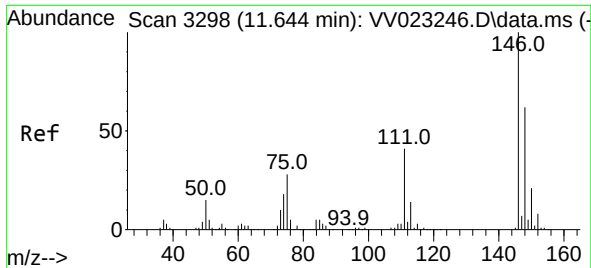
Ion Ratio Lower Upper

146 100

111 37.4 26.2 48.8

148 62.7 44.4 82.5

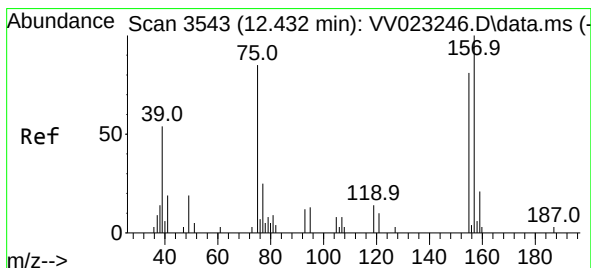
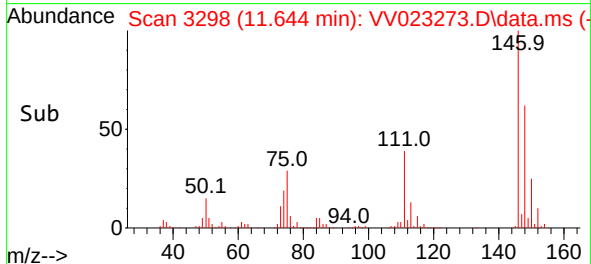
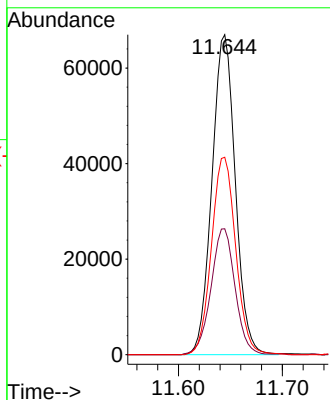
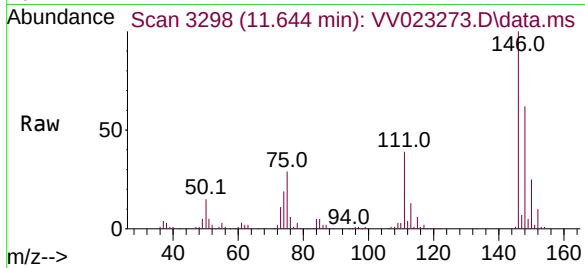




#67
1,2-Dichlorobenzene
Concen: 5.435 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

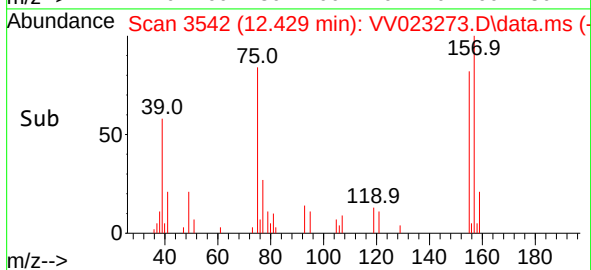
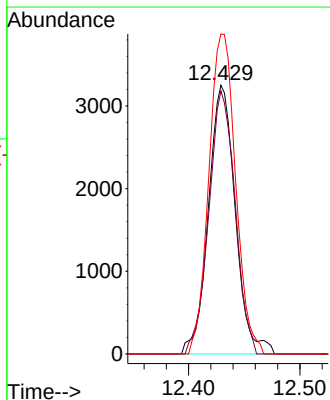
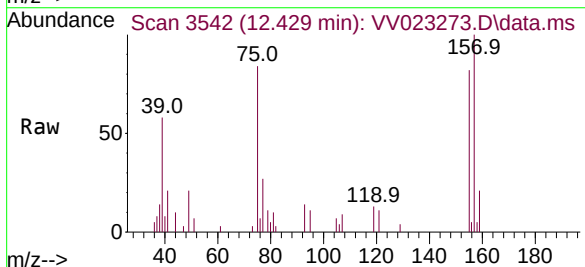
Instrument :
MSVOA_V
ClientSampleId :

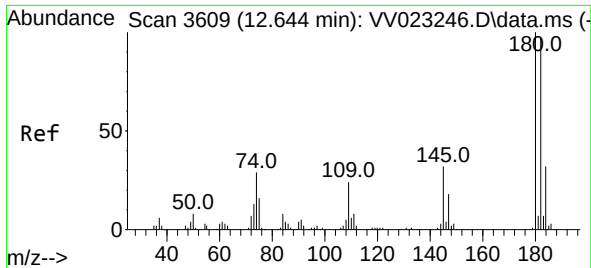
Tgt Ion:146 Resp: 104711
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 61.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.247 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023273.D
Acq: 08 Nov 2021 10:39

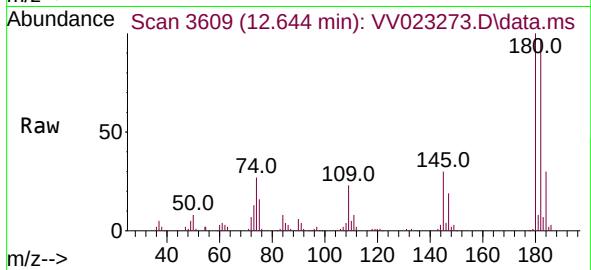
Tgt Ion: 75 Resp: 5453
Ion Ratio Lower Upper
75 100
155 97.9 67.7 101.5
157 119.1 87.9 131.9



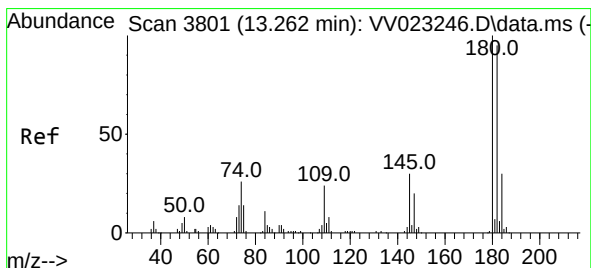
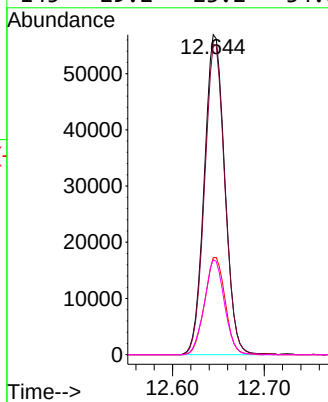
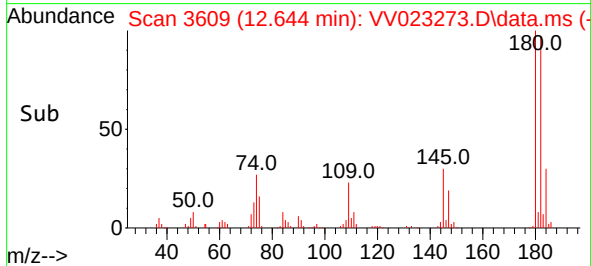


#69
 1,3,5-Trichlorobenzene
 Concen: 5.248 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39

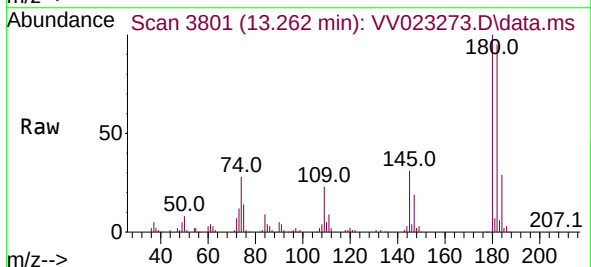
Instrument :
 MSVOA_V
 ClientSampleId :



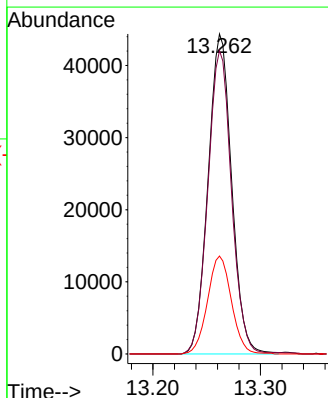
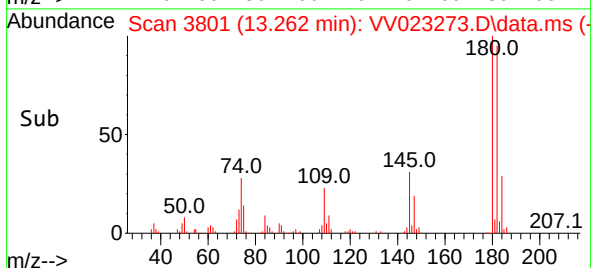
Tgt Ion:180 Resp: 88468
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.9 112.3
 184 30.2 23.8 35.8
 145 29.2 23.2 34.8

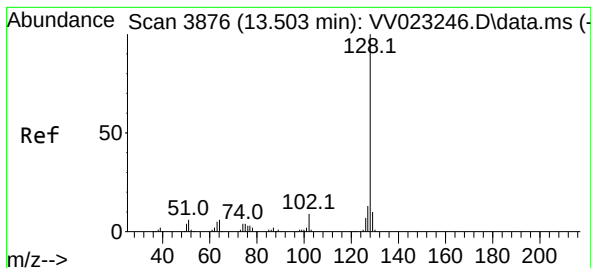


#70
 1,2,4-trichlorobenzene
 Concen: 4.994 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023273.D
 Acq: 08 Nov 2021 10:39



Tgt Ion:180 Resp: 67426
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.9 115.3
 145 31.0 24.4 36.6





#71

Naphthalene

Concen: 4.685 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023273.D

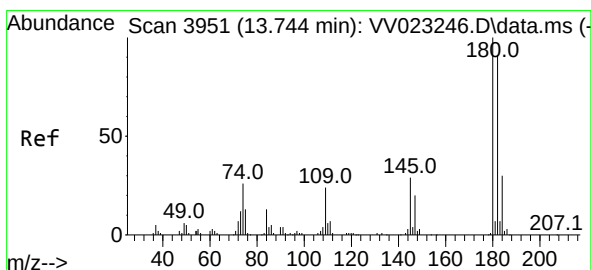
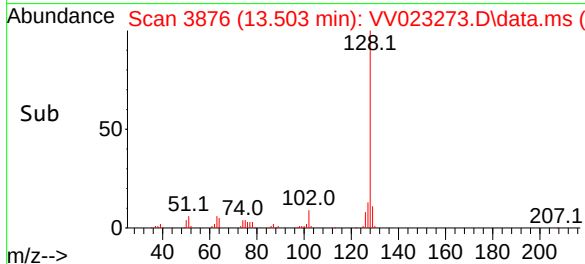
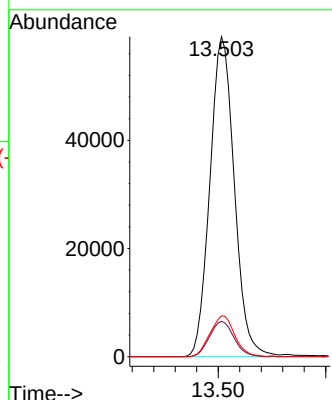
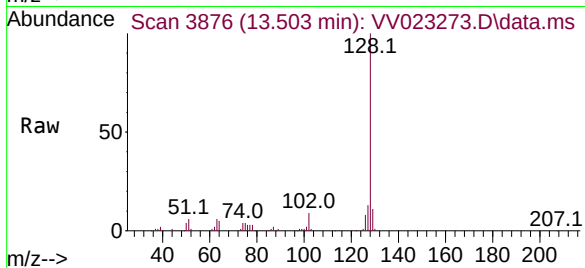
Acq: 08 Nov 2021 10:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	93263
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.6 13.0
127	12.9	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.045 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023273.D

Acq: 08 Nov 2021 10:39

Tgt Ion:180	Resp:	59587
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.7 115.1
145	32.2	25.7 38.5

