

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VV022802.D
 Acq On : 14 Oct 2021 19:04
 Operator : SY/MD
 Sample : M4214-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG4MSD

Manual Integrations
 APPROVED

MMDadoda

10/15/2021 12:02:56 PM

Quant Time: Oct 15 02:01:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122164	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67018	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29214	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.564	69	30100	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.108	63	50557	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.915	46	109055	49.48	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	4.352	84	82972	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.037	65	38731	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.050	84	149483	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.072	67	48380	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.317	98	139398	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloroprop...	7.625	79	16782	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.095	63	90417	64.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.18%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41006	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	56788	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44026	4.94	ug/L	99
3) Chloromethane	1.240	50	51486	5.75	ug/L	99
5) Vinyl chloride	1.307	62	47284	5.11	ug/L	100
6) Bromomethane	1.519	94	30798	5.34	ug/L	96
8) Chloroethane	1.584	64	24659	4.31	ug/L	98
9) Trichlorofluoromethane	1.751	101	56258	4.15	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	30722	3.90	ug/L	95
12) 1,1-Dichloroethene	2.117	96	28922	3.92	ug/L	78
13) Acetone	2.204	43	44369m	36.10	ug/L	
14) Carbon disulfide	2.291	76	93863	4.53	ug/L	99
15) Methyl Acetate	2.445	43	6870	1.95	ug/L #	88
16) Methylene chloride	2.506	84	36453	3.59	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	72308	4.05	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	35371	4.41	ug/L	94
19) 1,1-Dichloroethane	3.191	63	63115	4.37	ug/L	97
21) 2-Butanone	3.998	43	71592	35.58	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	44308	5.26	ug/L	95
23) Bromochloromethane	4.249	128	21629	5.78	ug/L	91
25) Chloroform	4.378	83	79002	4.72	ug/L	99

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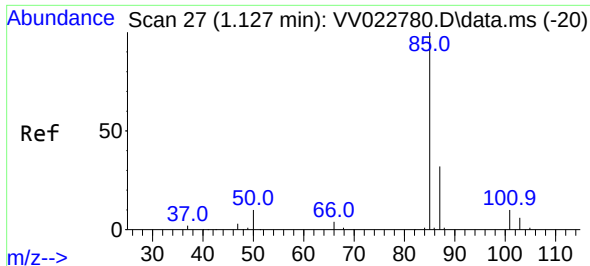
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10/15/2021 12:02:56 PM

Quant Time: Oct 15 02:01:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42543	5.09	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	69121	5.06	ug/L	99
30) Cyclohexane	4.677	56	58697	4.65	ug/L	99
31) Carbon tetrachloride	4.828	117	62016	5.23	ug/L	98
33) Benzene	5.101	78	168179	5.22	ug/L	100
34) Trichloroethene	5.918	95	42147	4.81	ug/L	98
35) Methylcyclohexane	6.133	83	60575	4.93	ug/L	97
37) 1,2-Dichloropropane	6.175	63	42218	5.45	ug/L	100
38) Bromodichloromethane	6.513	83	52235	5.47	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	54345	5.29	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	227728	54.66	ug/L	99
42) Toluene	7.390	91	182952	5.59	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	45872	5.48	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	30710	5.34	ug/L	97
47) Tetrachloroethene	7.979	164	36670	5.17	ug/L	97
48) 2-Hexanone	8.143	43	166203	54.56	ug/L	98
49) Dibromochloromethane	8.249	129	36435	5.41	ug/L	90
50) 1,2-Dibromoethane	8.355	107	28404	5.29	ug/L #	100
51) Chlorobenzene	8.882	112	116218	5.40	ug/L	99
52) Ethylbenzene	9.014	91	183100	5.51	ug/L	98
53) m,p-xylene	9.140	106	72606	5.57	ug/L	100
54) o-xylene	9.545	106	68924	5.62	ug/L	98
55) Styrene	9.564	104	121387	5.74	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	36049	6.19	ug/L	98
59) Bromoform	9.734	173	20424	5.44	ug/L	99
60) Isopropylbenzene	9.934	105	182490	5.36	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	25118	5.39	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	145949	5.31	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	148477	5.39	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	95275	5.33	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	95078	5.24	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	88695	5.29	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5136	6.06	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	71692	5.33	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	57924	5.63	ug/L	99
71) Naphthalene	13.503	128	93609	5.73	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	55800	5.76	ug/L	99

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



#2
 Dichlorodifluoromethane
 Concen: 4.94 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022802.D
 Acq: 14 Oct 2021 19:04

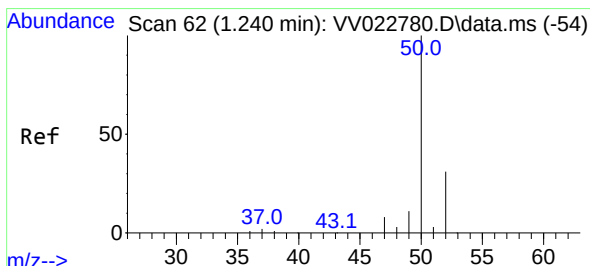
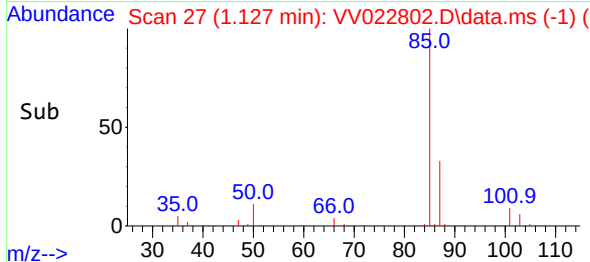
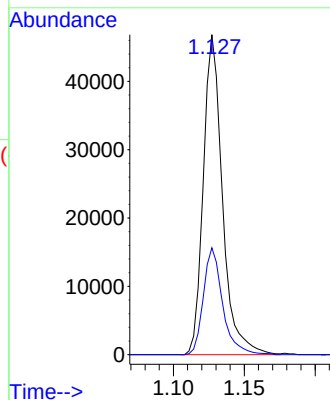
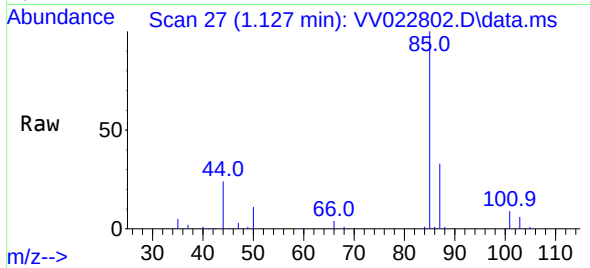
Tgt Ion: 85 Resp: 44026
 Ion Ratio Lower Upper
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 87 33.6 26.3 39.5

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGG4MSD

Manual Integrations
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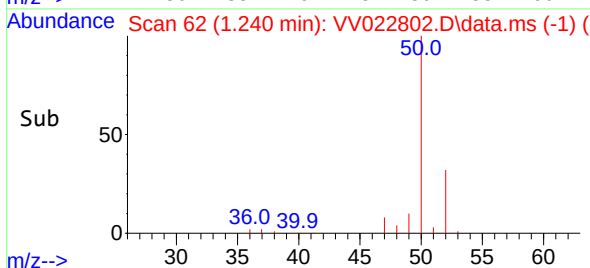
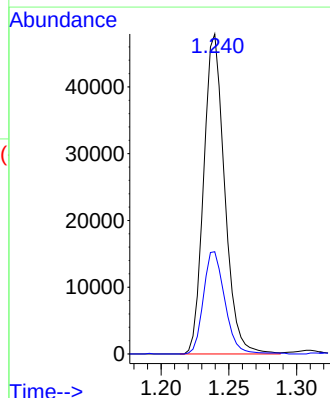
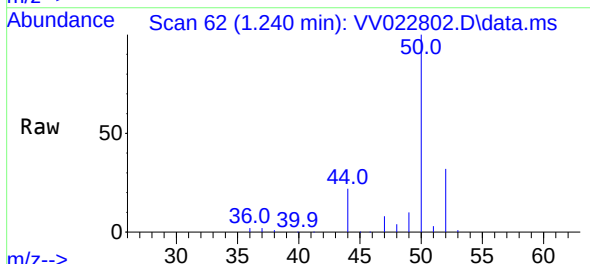
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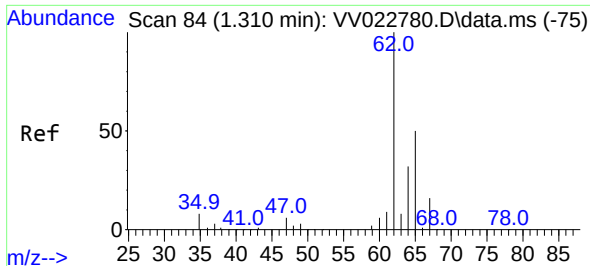
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#3
 Chloromethane
 Concen: 5.75 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022802.D
 Acq: 14 Oct 2021 19:04

Tgt Ion: 50 Resp: 51486
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.9 42.5





#5
 Vinyl chloride
 Concen: 5.11 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022802.D
 Acq: 14 Oct 2021 19:04

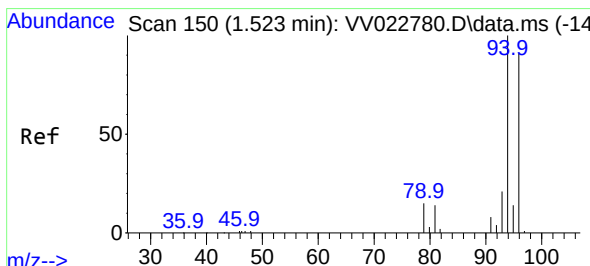
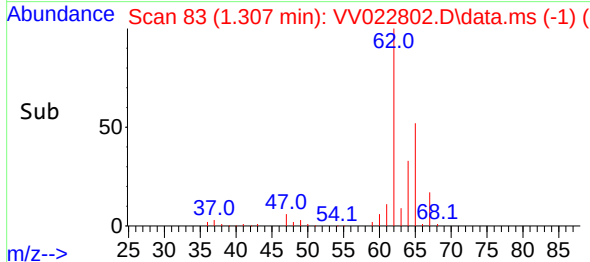
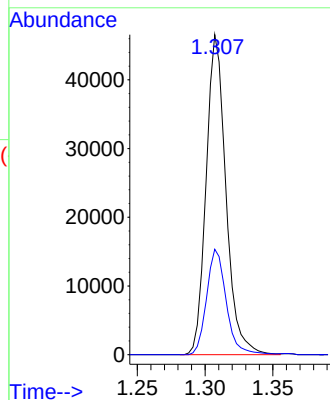
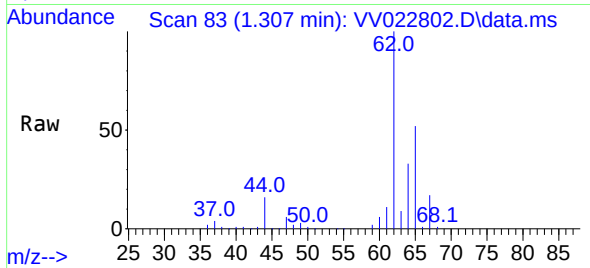
Tgt Ion: 62 Resp: 47284
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8

Instrument :
 MSVOA_V
 ClientSampled :
 JDGG4MSD

Manual Integrations
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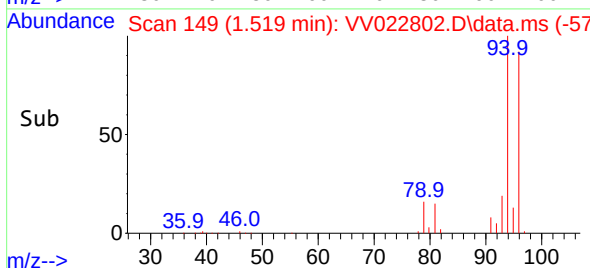
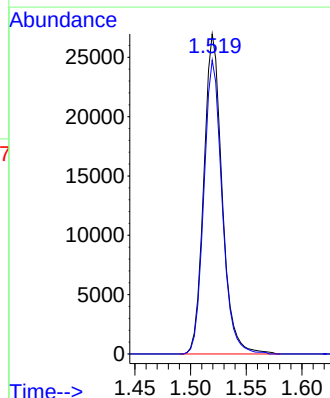
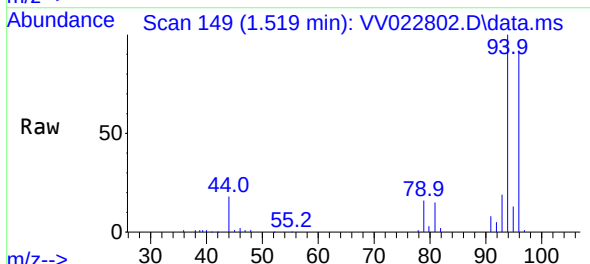
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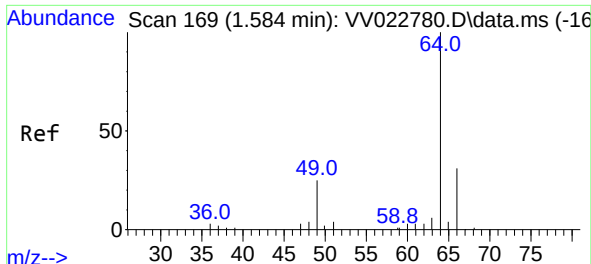
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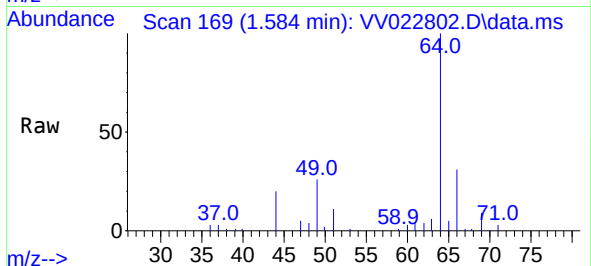
#6
 Bromomethane
 Concen: 5.34 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022802.D
 Acq: 14 Oct 2021 19:04

Tgt Ion: 94 Resp: 30798
 Ion Ratio Lower Upper
 94 100
 96 91.8 67.2 124.8

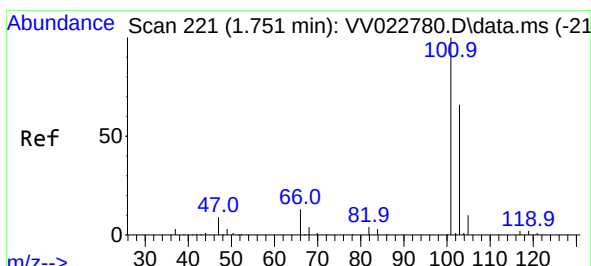
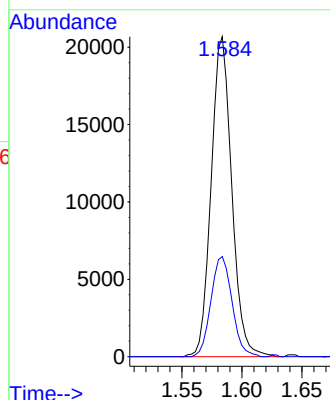
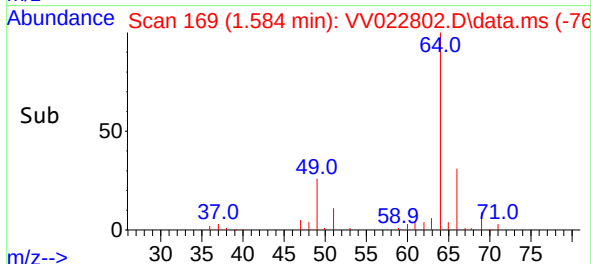




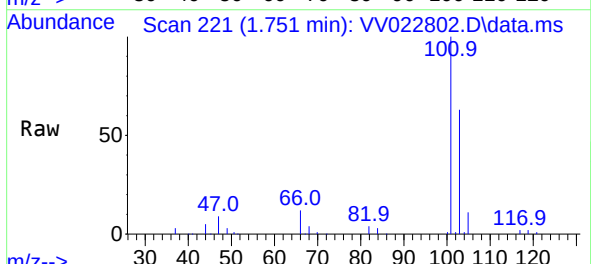
#8
Chloroethane
Concen: 4.31 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



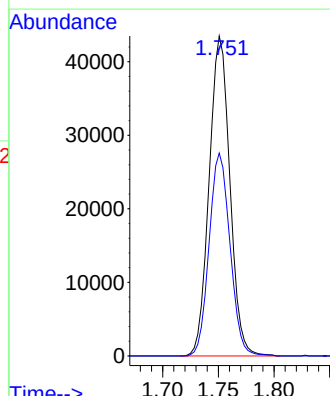
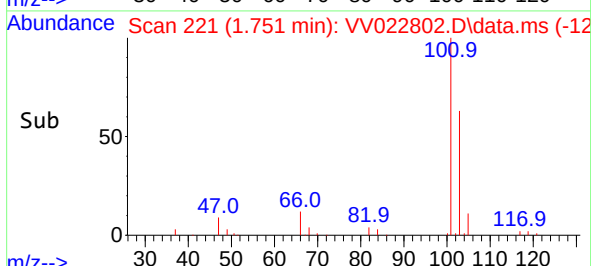
Tgt Ion: 64 Resp: 24659
Ion Ratio Lower Upper
64 100
66 31.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.15 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion: 101 Resp: 56258
Ion Ratio Lower Upper
101 100
103 63.9 50.3 75.5

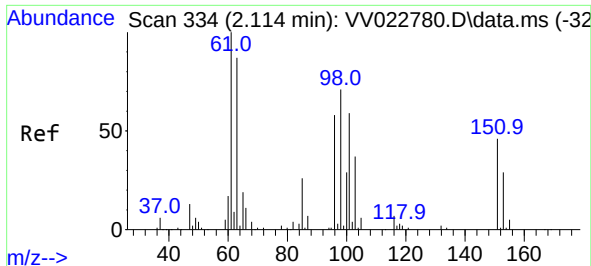


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#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.90 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

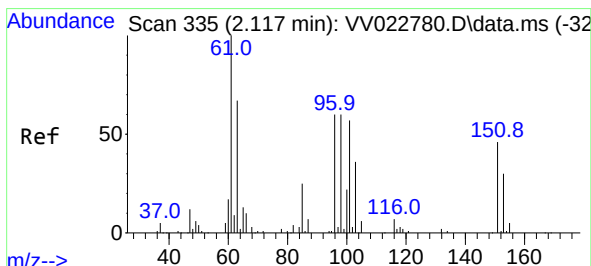
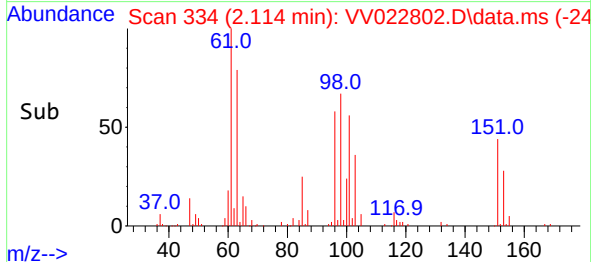
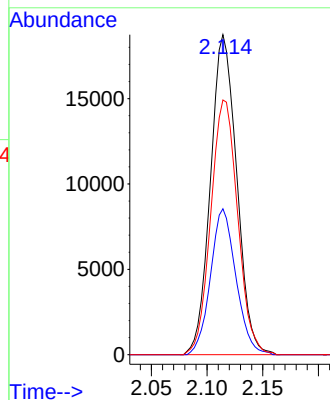
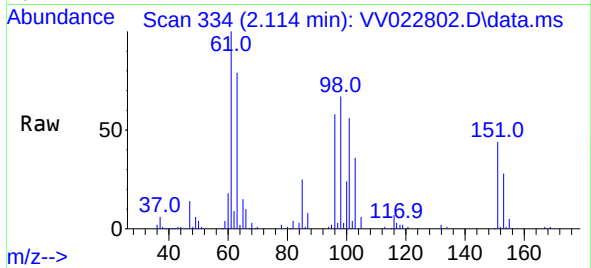
Tgt Ion: 101 Resp: 30722
Ion Ratio Lower Upper
101 100
85 44.3 34.6 52.0
151 81.5 60.9 91.3

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

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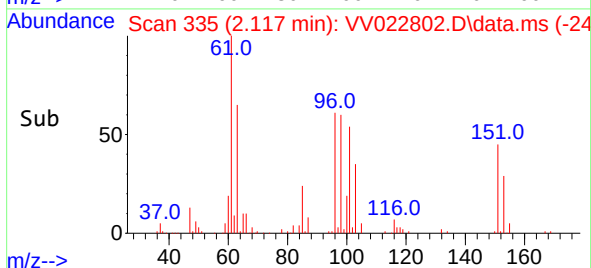
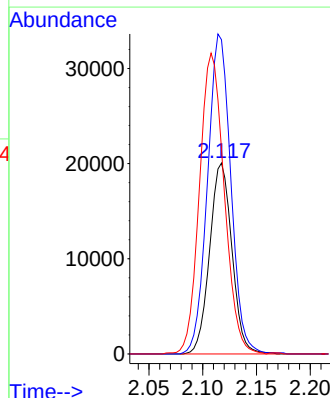
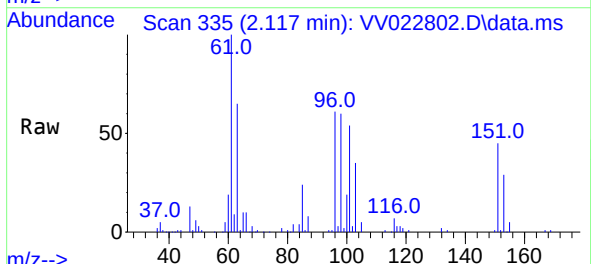
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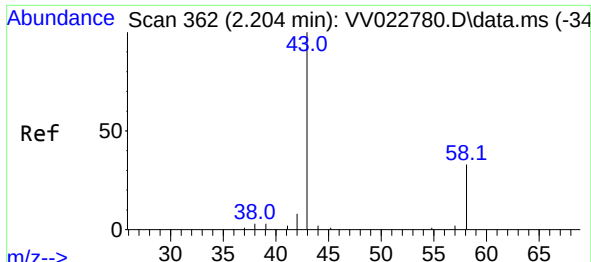
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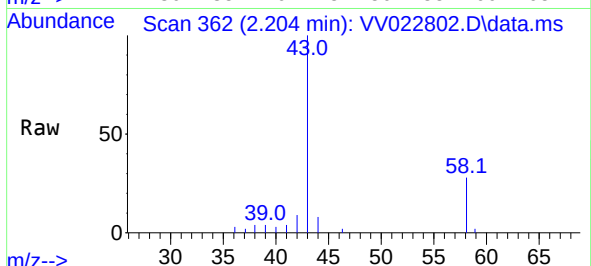
#12
1,1-Dichloroethene
Concen: 3.92 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 96 Resp: 28922
Ion Ratio Lower Upper
96 100
61 164.6 127.3 236.5
63 107.4 106.2 197.2

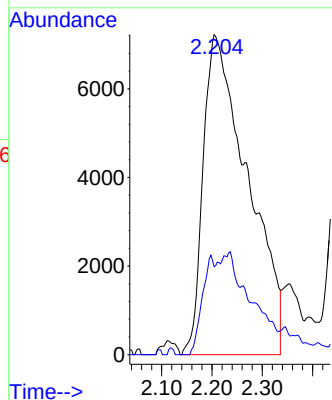
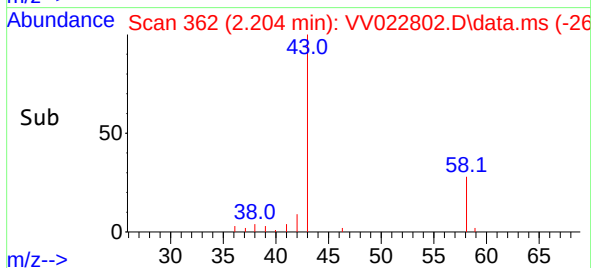




#13
Acetone
Concen: 36.10 ug/L m
RT: 2.204 min Scan# 362
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion: 43 Resp: 44369
Ion Ratio Lower Upper
43 100
58 8.2 0.0 24.2

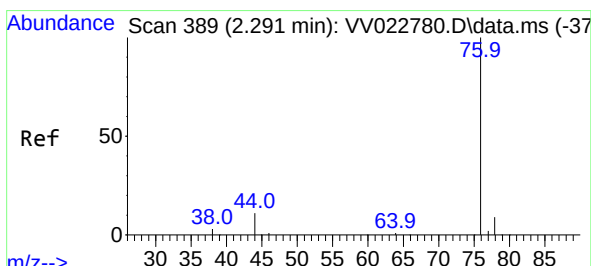


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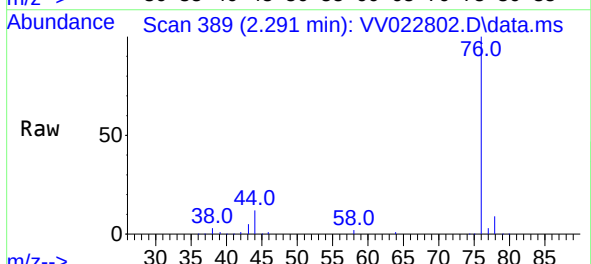
Manual Integrations
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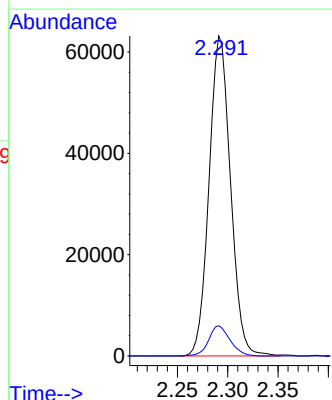
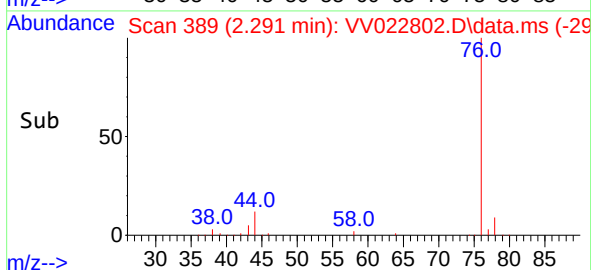
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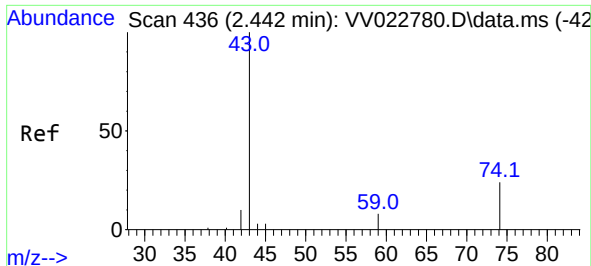


#14
Carbon disulfide
Concen: 4.53 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

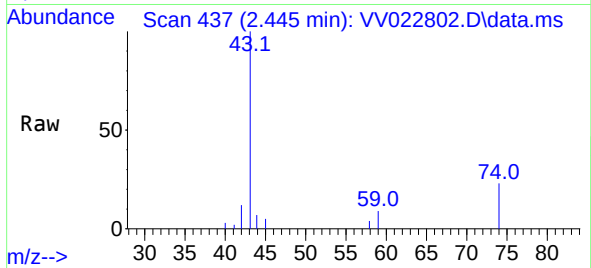


Tgt Ion: 76 Resp: 93863
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

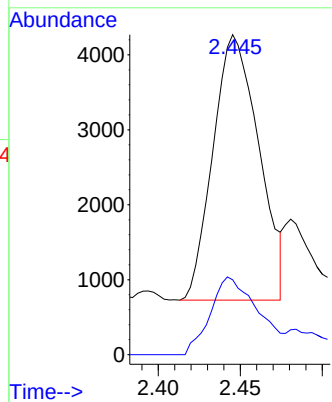
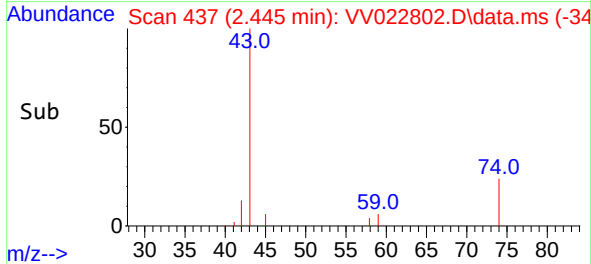




#15
Methyl Acetate
Concen: 1.95 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
74 31.0 19.9 29.9#

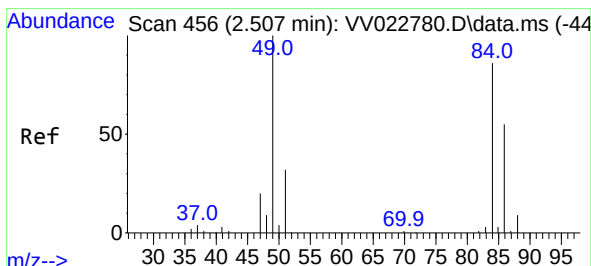


Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

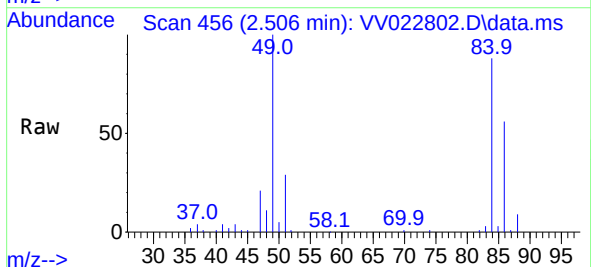
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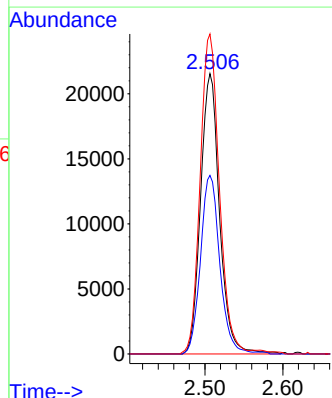
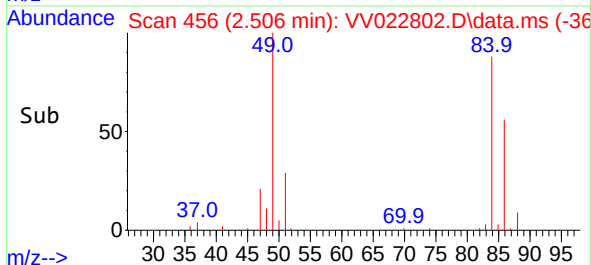
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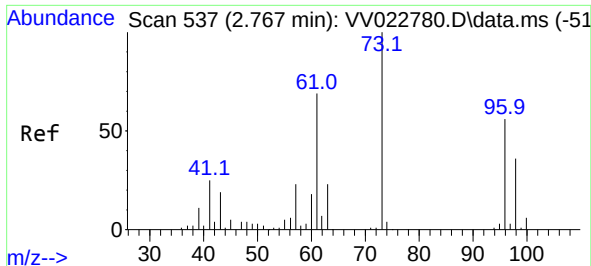


#16
Methylene chloride
Concen: 3.59 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

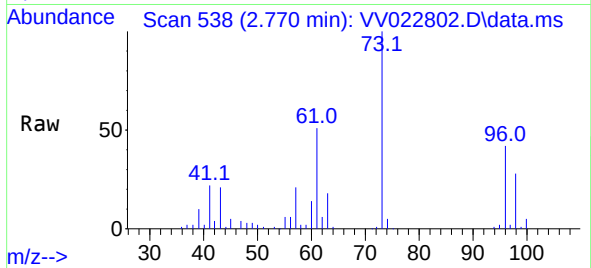


Tgt Ion: 84 Resp: 36453
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.2
49 114.1 90.3 167.7

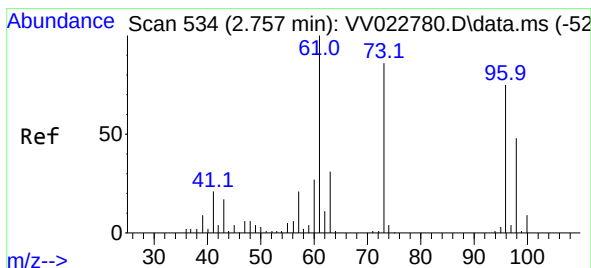
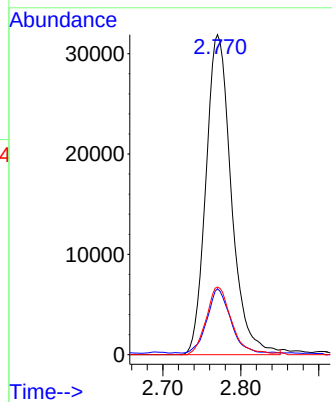
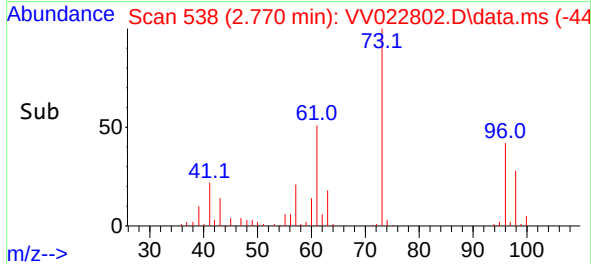




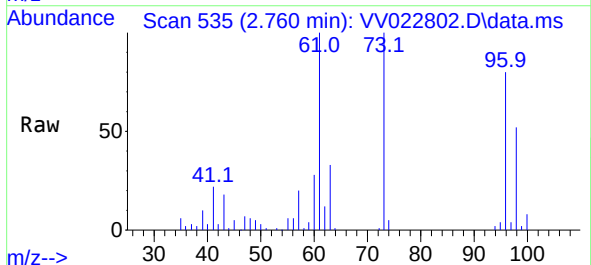
#17
Methyl tert-butyl Ether
Concen: 4.05 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



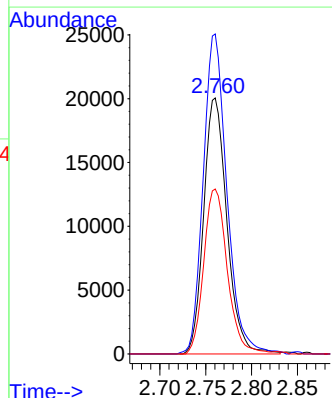
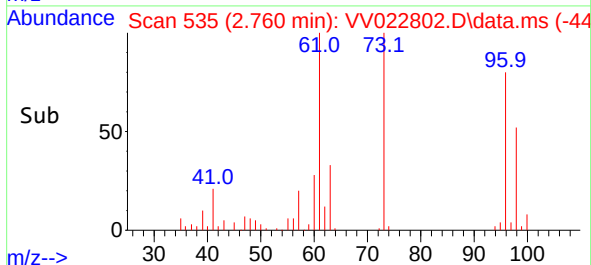
Tgt Ion: 73 Resp: 72308
Ion Ratio Lower Upper
73 100
43 18.4 17.1 25.7
57 21.0 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.41 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion: 96 Resp: 35371
Ion Ratio Lower Upper
96 100
61 125.0 94.5 175.5
98 64.4 44.2 82.0

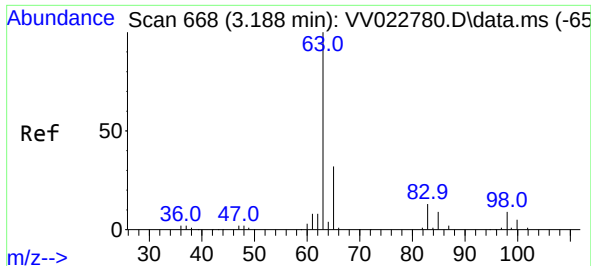


Instrument :
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ClientSampleId :
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#19
1,1-Dichloroethane
Concen: 4.37 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

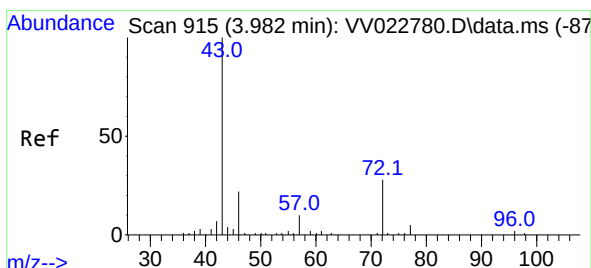
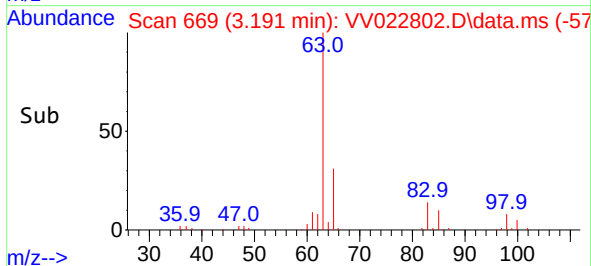
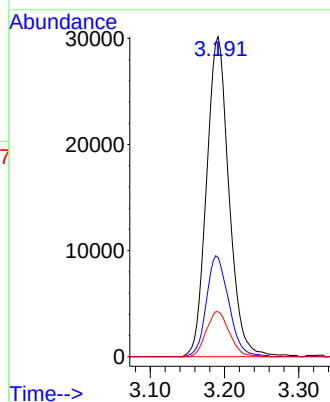
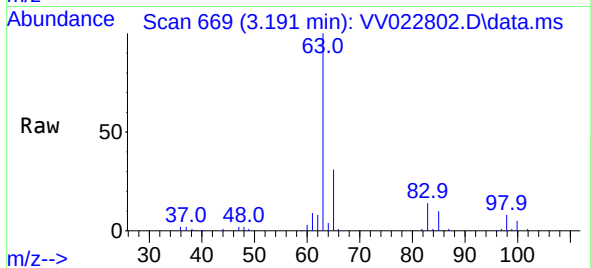
Tgt Ion:	63	Resp:	63115
Ion	Ratio	Lower	Upper
63	100		
65	31.0	23.5	43.7
83	14.0	10.1	18.7

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

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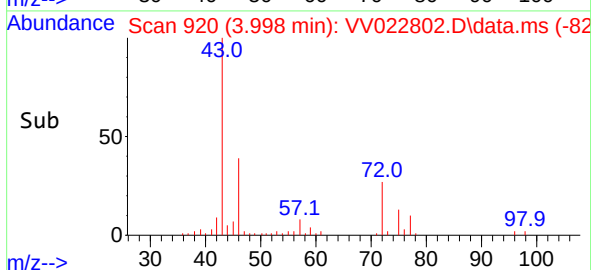
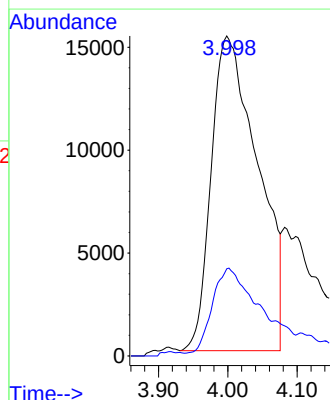
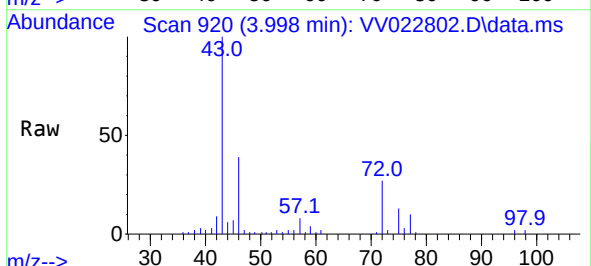
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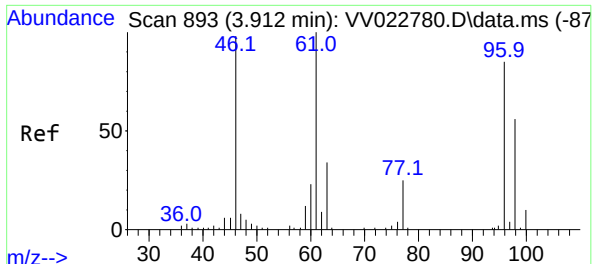
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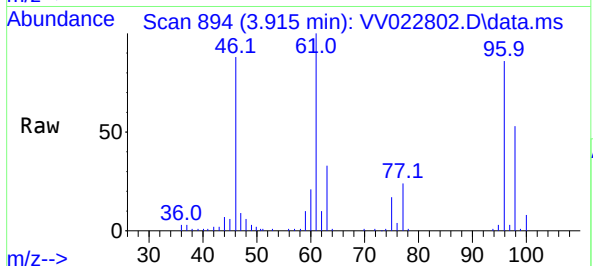
#21
2-Butanone
Concen: 35.58 ug/L
RT: 3.998 min Scan# 920
Delta R.T. 0.016 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion:	43	Resp:	71592
Ion	Ratio	Lower	Upper
43	100		
72	27.8	12.3	36.8

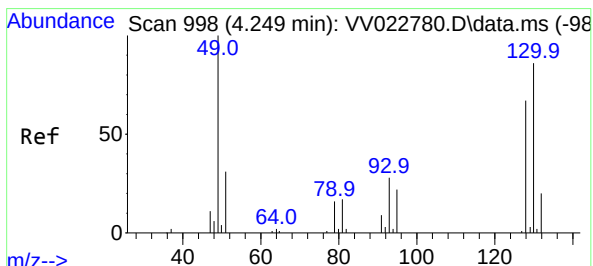
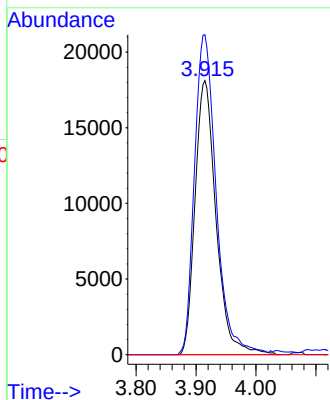
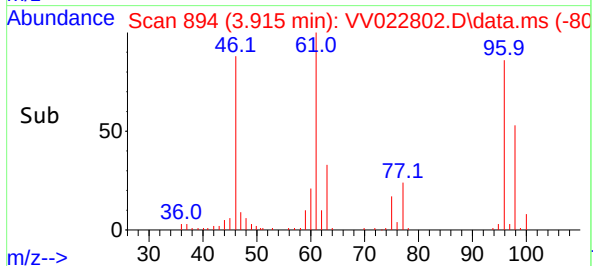




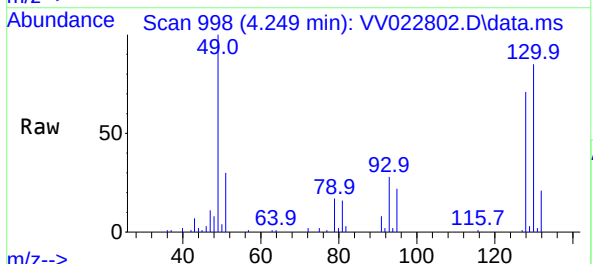
#22
cis-1,2-Dichloroethene
Concen: 5.26 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



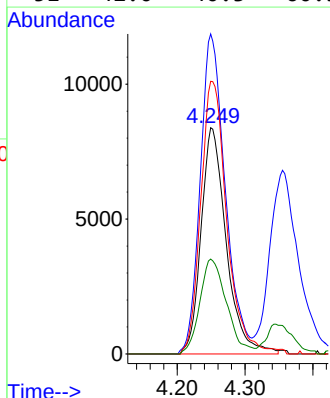
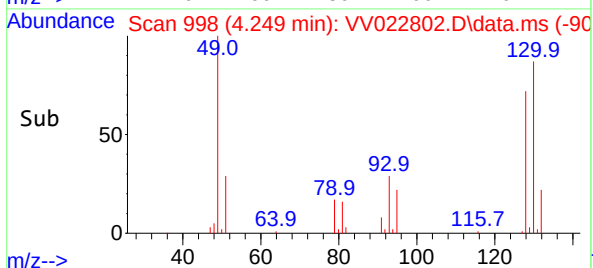
Tgt Ion: 96 Resp: 44308
Ion Ratio Lower Upper
96 100
61 116.7 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.78 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion: 128 Resp: 21629
Ion Ratio Lower Upper
128 100
49 141.5 106.9 198.5
130 120.6 91.9 170.7
51 42.0 40.3 60.5

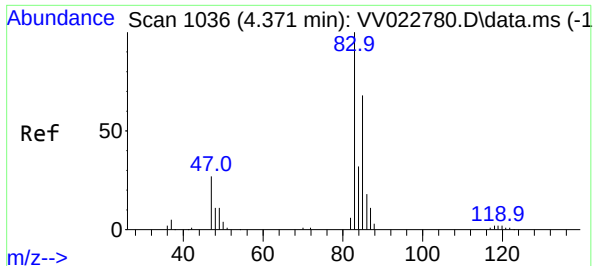


Instrument :
MSVOA_V
ClientSampleId :
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#25

Chloroform
Concen: 4.72 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

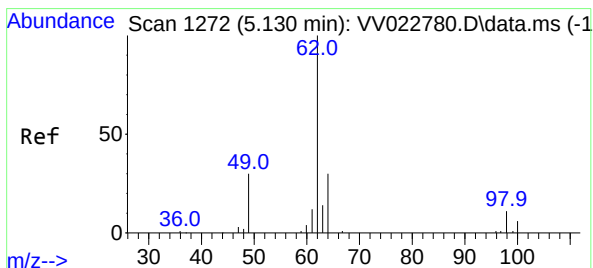
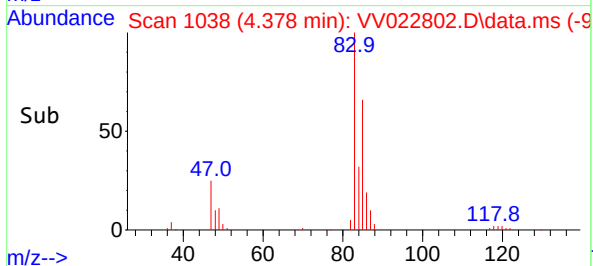
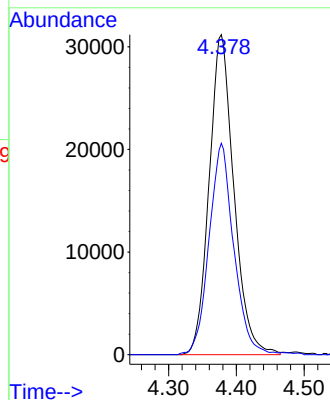
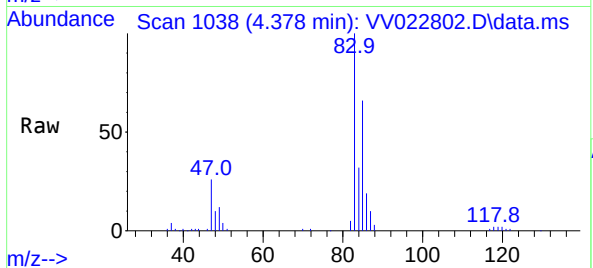
Tgt Ion: 83 Resp: 79002
Ion Ratio Lower Upper
83 100
85 66.1 45.7 84.9

Instrument :
MSVOA_V
ClientSampled :
JDGG4MSD

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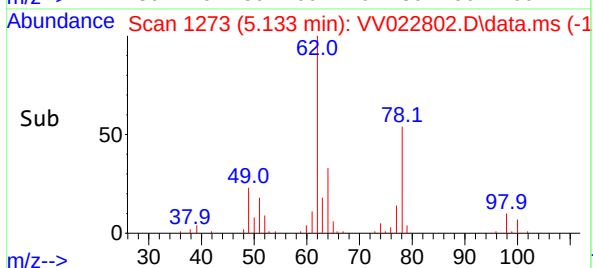
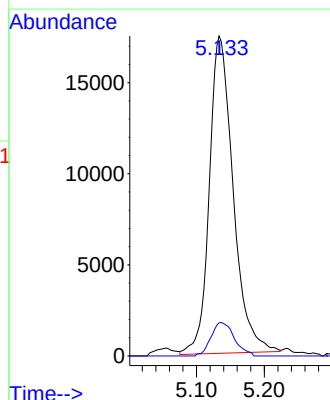
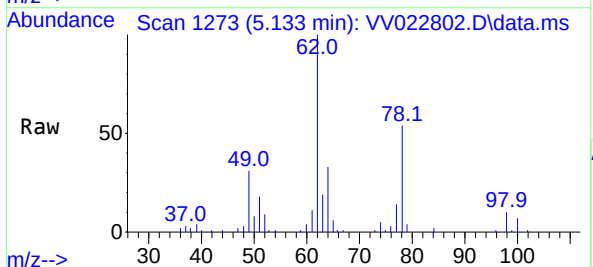
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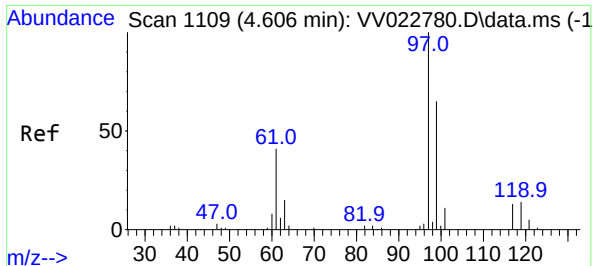


#27

1,2-Dichloroethane
Concen: 5.09 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 62 Resp: 42543
Ion Ratio Lower Upper
62 100
98 10.3 9.7 14.5





#29
1,1,1-Trichloroethane
Concen: 5.06 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 97 Resp: 69121

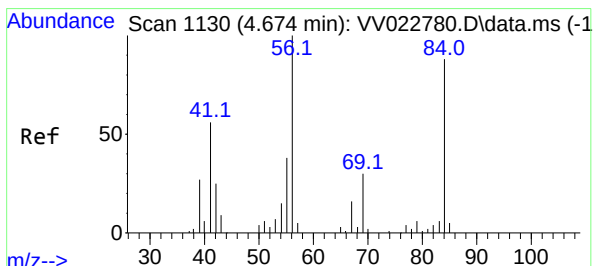
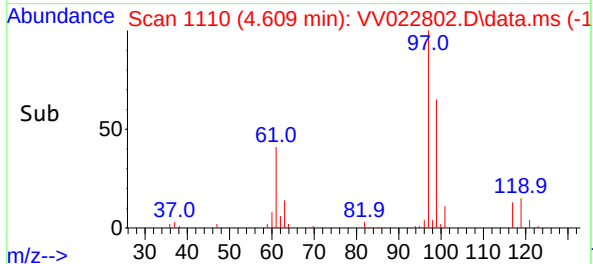
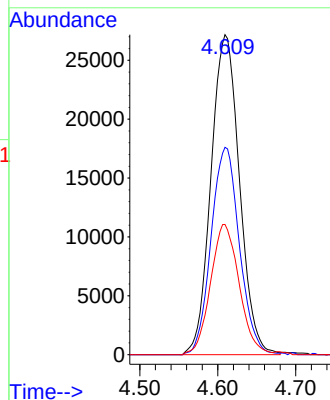
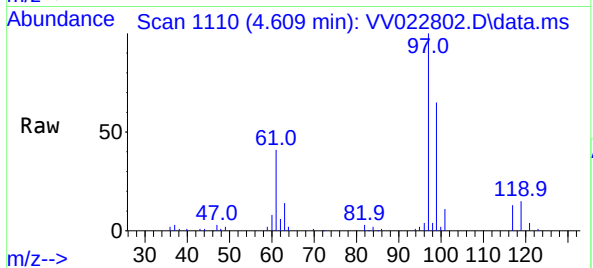
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	40.9	33.2	49.8

Instrument :
MSVOA_V
ClientSampleId :
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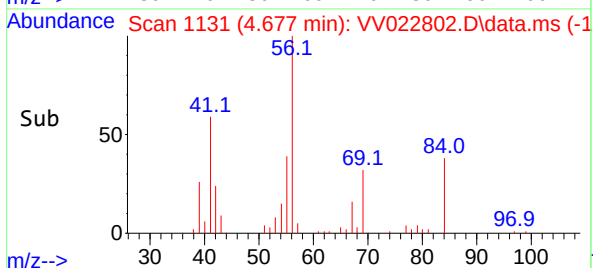
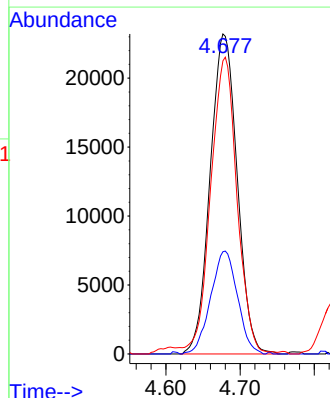
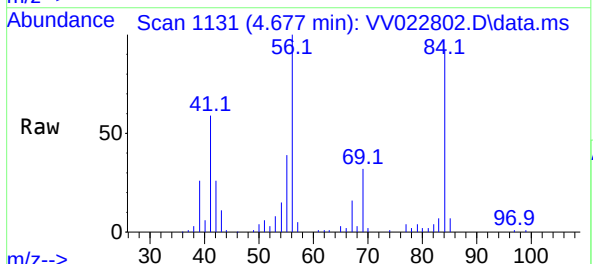
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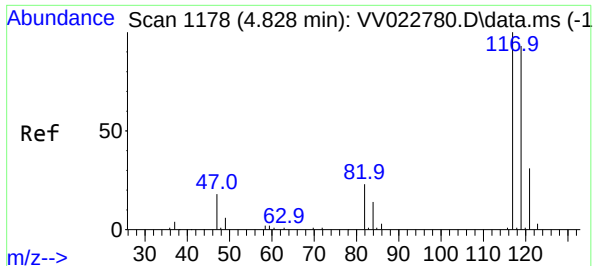


#30
Cyclohexane
Concen: 4.65 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 56 Resp: 58697

Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.9	37.3
84	89.4	72.5	108.7





#31
Carbon tetrachloride
Concen: 5.23 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

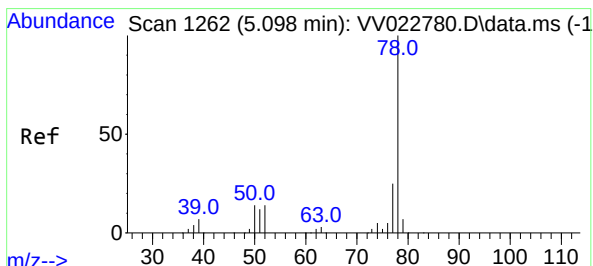
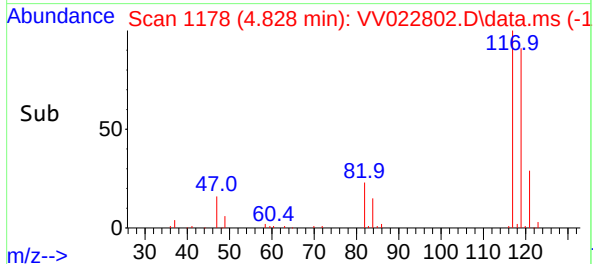
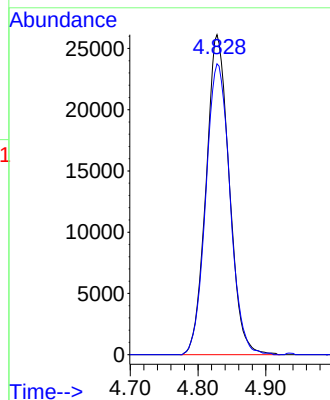
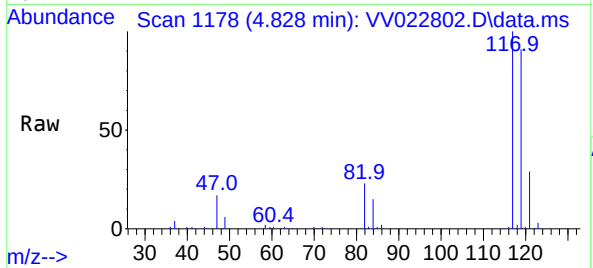
Tgt Ion: 117 Resp: 62016
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0

Instrument :
MSVOA_V
ClientSampleId :
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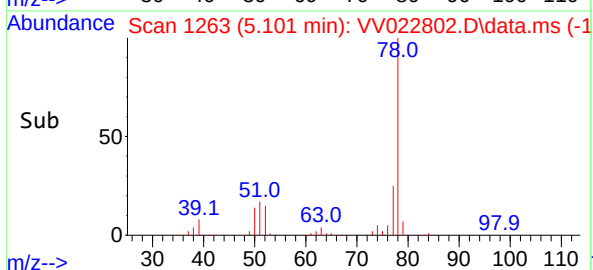
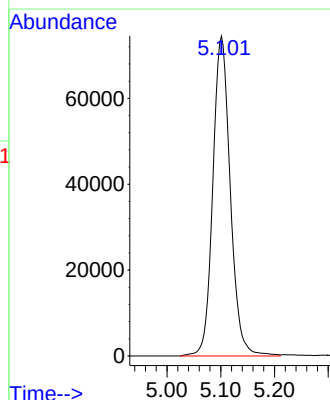
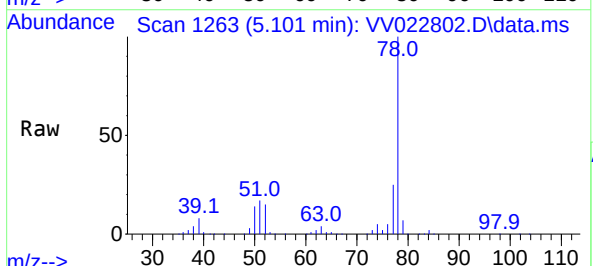
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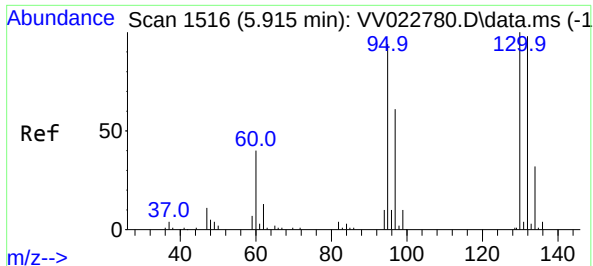
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#33
Benzene
Concen: 5.22 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 78 Resp: 168179





#34

Trichloroethene

Concen: 4.81 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV022802.D

Acq: 14 Oct 2021 19:04

Tgt Ion: 95 Resp: 42147

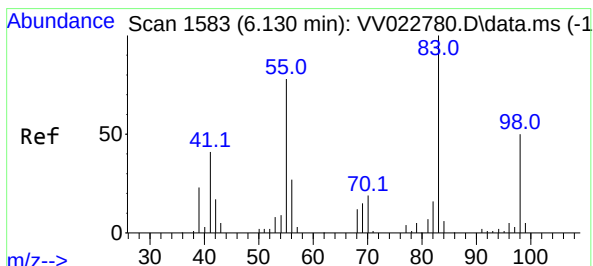
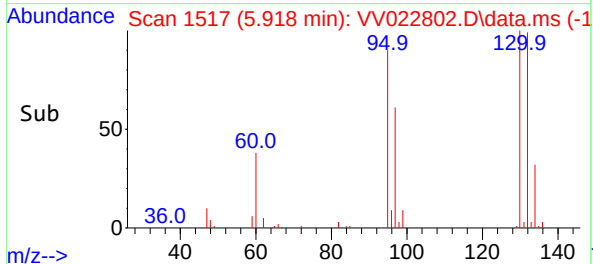
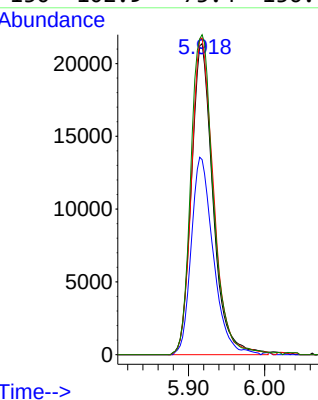
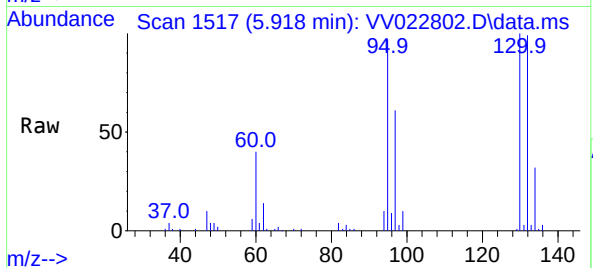
Ion Ratio Lower Upper

95 100

97 62.7 45.8 85.2

132 101.9 72.2 134.0

130 102.9 73.4 136.4



#35

Methylcyclohexane

Concen: 4.93 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022802.D

Acq: 14 Oct 2021 19:04

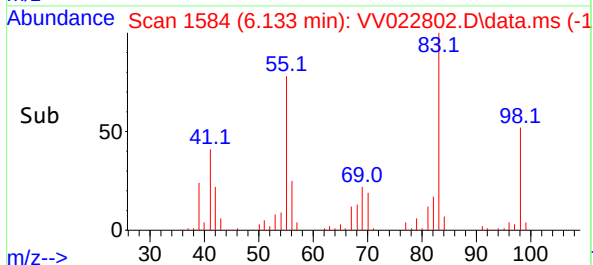
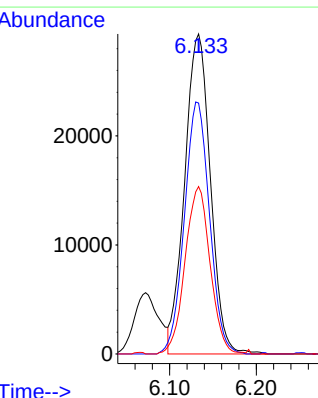
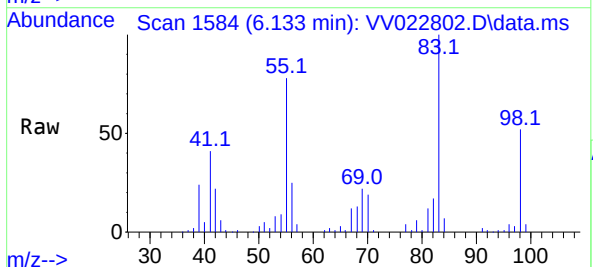
Tgt Ion: 83 Resp: 60575

Ion Ratio Lower Upper

83 100

55 77.1 63.8 95.6

98 50.9 42.1 63.1



Instrument :

MSVOA_V

ClientSampleId :

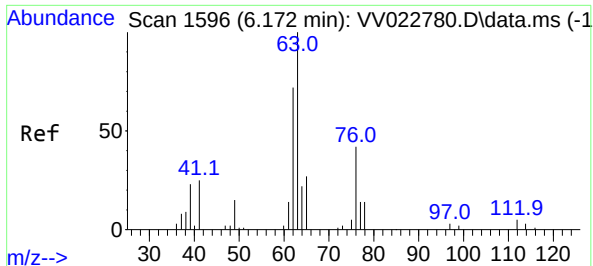
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#37
1,2-Dichloropropane
Concen: 5.45 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

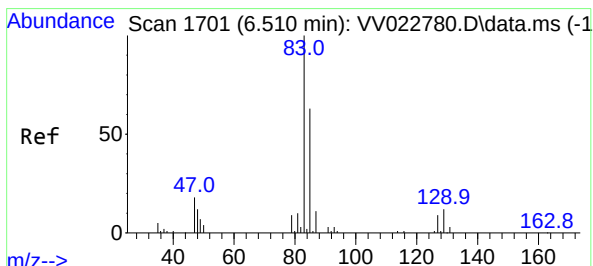
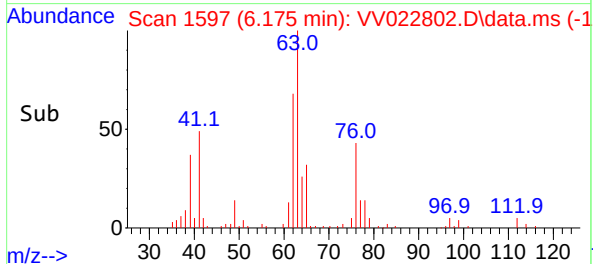
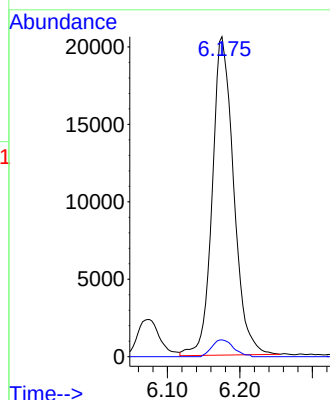
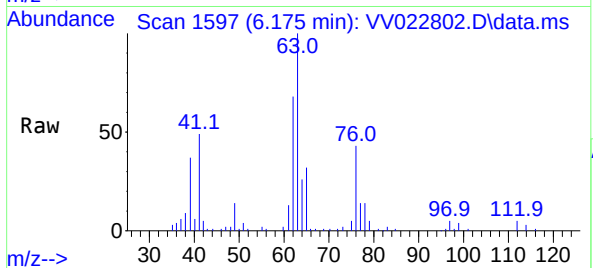
Tgt Ion: 63 Resp: 42218
Ion Ratio Lower Upper
63 100
112 5.4 4.4 6.6

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

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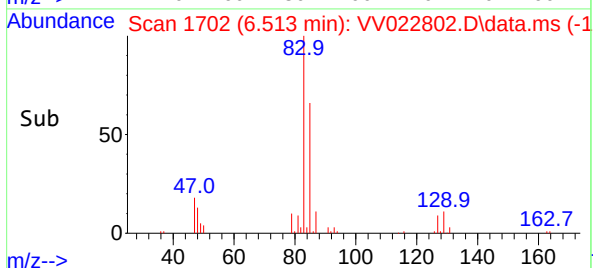
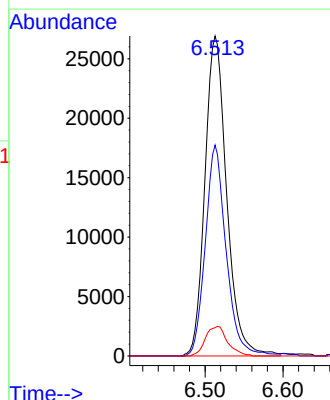
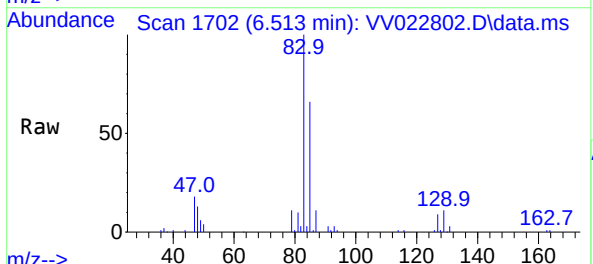
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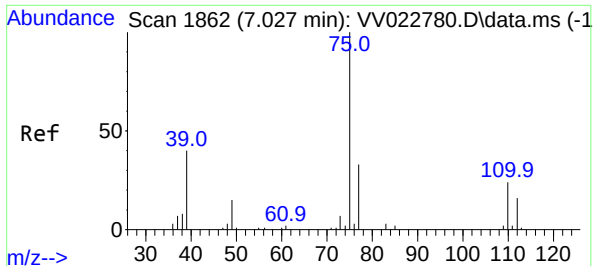
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#38
Bromodichloromethane
Concen: 5.47 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 83 Resp: 52235
Ion Ratio Lower Upper
83 100
85 65.9 44.3 82.3
127 8.8 7.7 11.5





#39
cis-1,3-Dichloropropene
Concen: 5.29 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

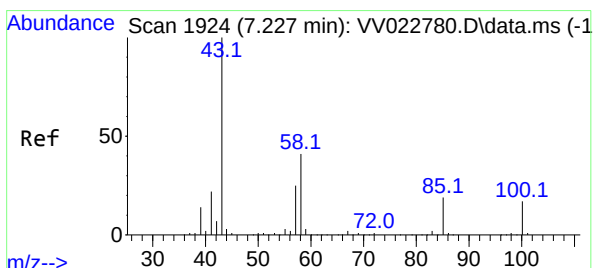
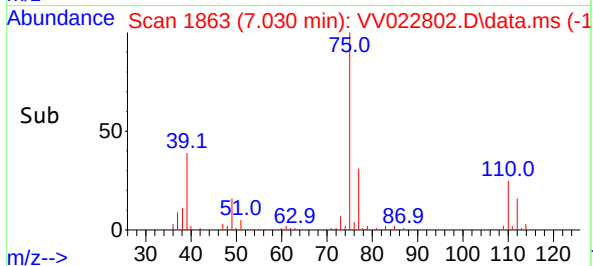
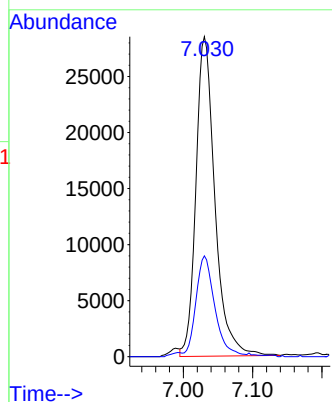
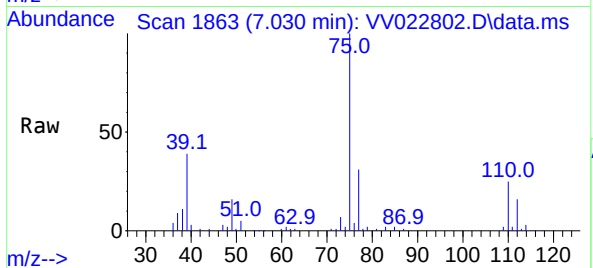
Tgt Ion: 75 Resp: 54345
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.3

Instrument :
MSVOA_V
ClientSampled :
JDGG4MSD

Manual Integrations
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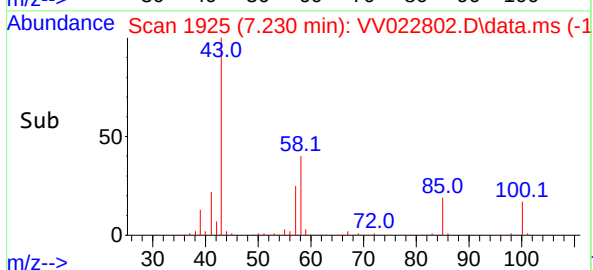
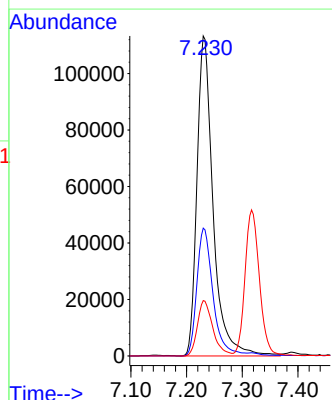
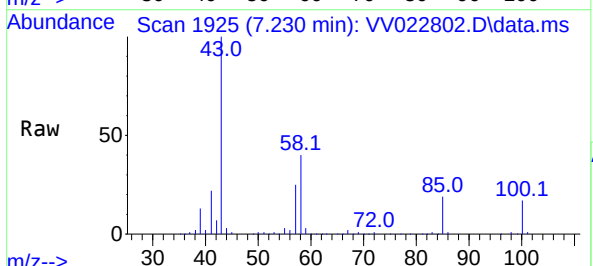
MMDadoda

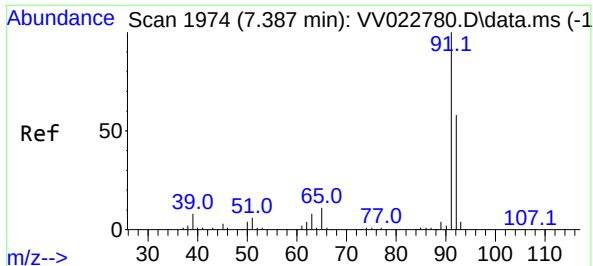
10/15/2021 12:02:56 PM



#40
4-Methyl-2-pentanone
Concen: 54.66 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 43 Resp: 227728
Ion Ratio Lower Upper
43 100
58 39.9 32.0 48.0
100 16.6 14.2 21.2





#42
Toluene
Concen: 5.59 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

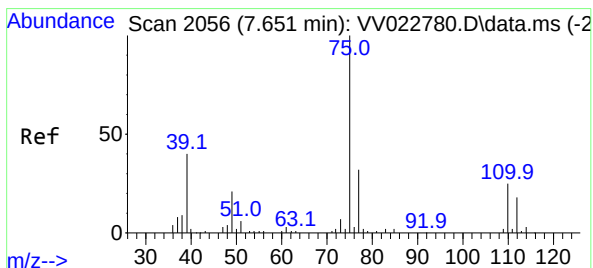
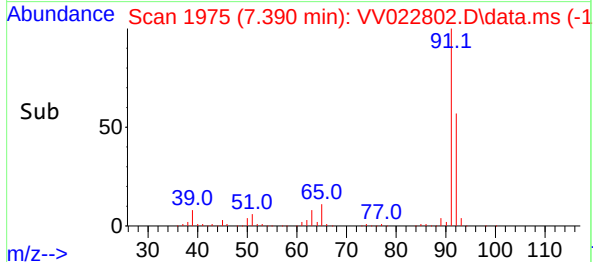
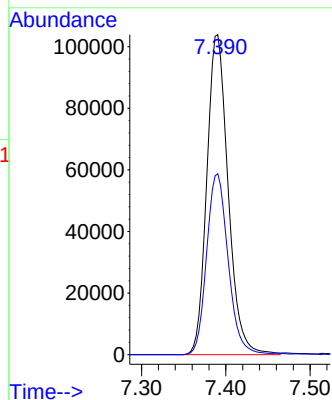
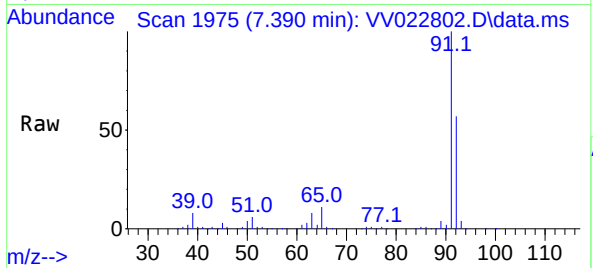
Tgt Ion: 91 Resp: 182952
Ion Ratio Lower Upper
91 100
92 56.5 40.7 75.7

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
APPROVED

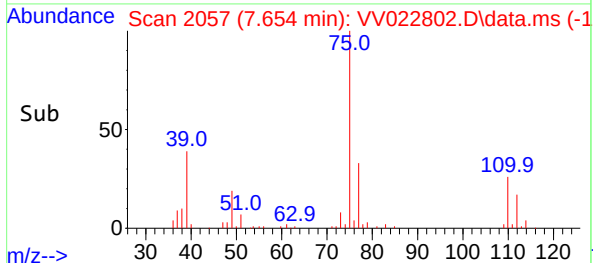
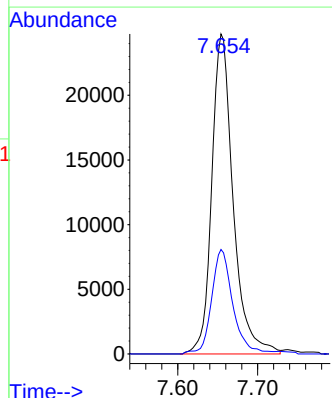
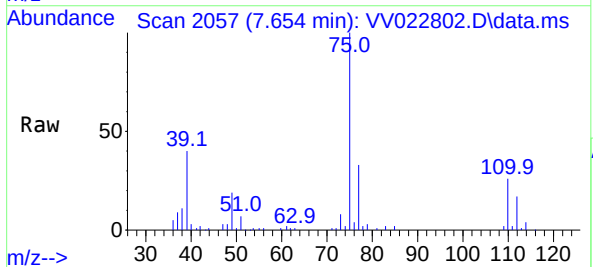
MMDadoda

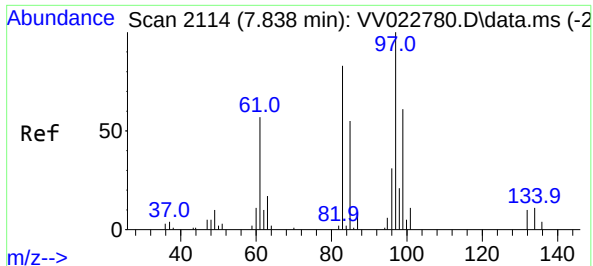
10/15/2021 12:02:56 PM



#44
trans-1,3-Dichloropropene
Concen: 5.48 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 75 Resp: 45872
Ion Ratio Lower Upper
75 100
77 32.7 23.9 44.5





#45

1,1,2-Trichloroethane
Concen: 5.34 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

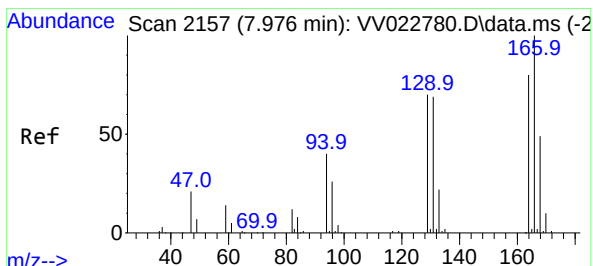
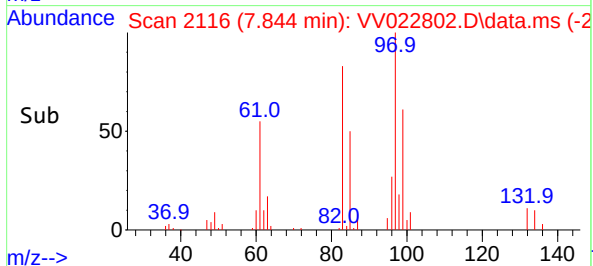
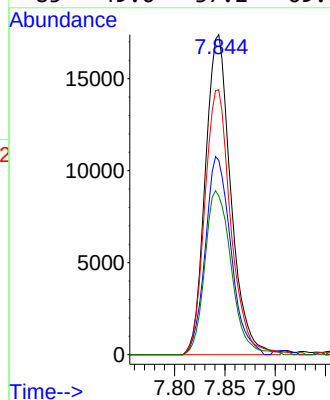
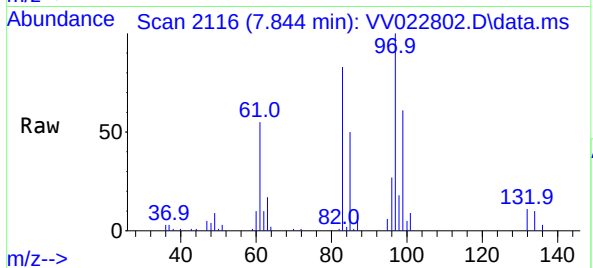
Tgt Ion: 97	Resp: 30710
Ion Ratio	Lower Upper
97 100	
99 60.7	44.5 82.7
83 82.8	56.6 105.0
85 49.6	37.2 69.0

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
APPROVED

MMDadoda

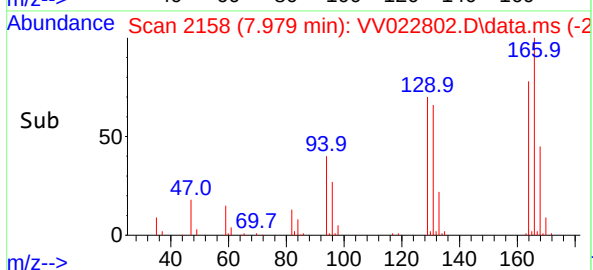
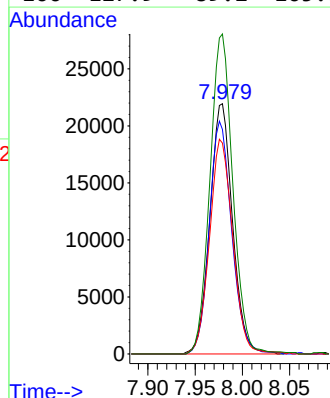
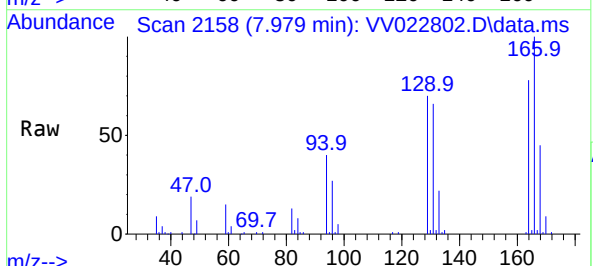
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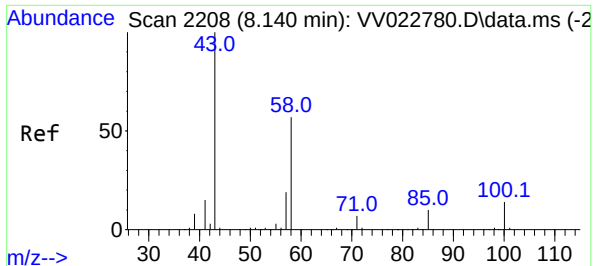


#47

Tetrachloroethene
Concen: 5.17 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt	Ion:164	Resp:	36670
Ion	Ratio	Lower	Upper
164	100		
129	89.7	65.0	120.6
131	84.3	62.2	115.4
166	127.9	89.2	165.8





#48
2-Hexanone
Concen: 54.56 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

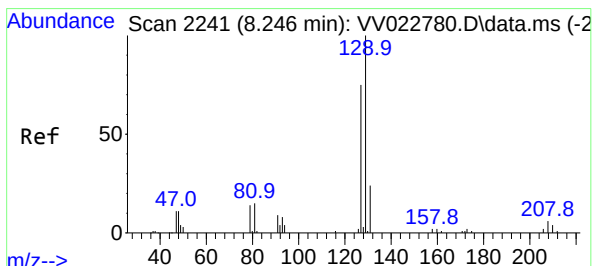
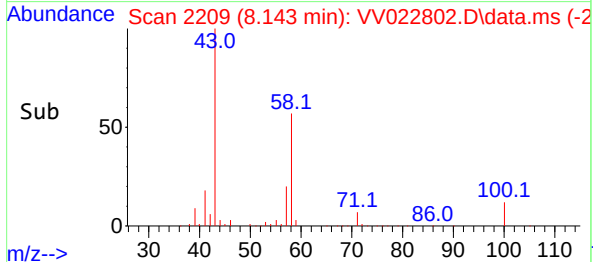
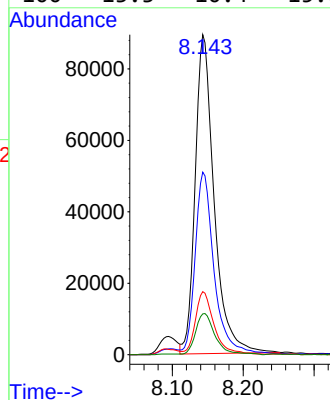
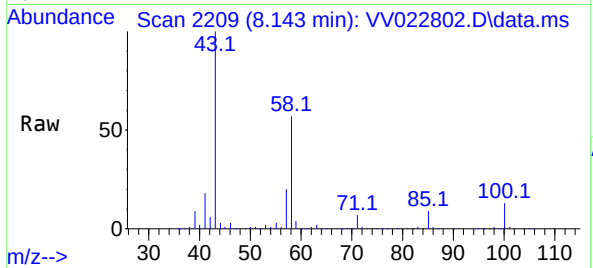
Tgt Ion: 43 Resp: 166203
Ion Ratio Lower Upper
43 100
58 57.4 47.4 71.0
57 19.3 15.3 22.9
100 13.3 10.4 15.6

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
APPROVED

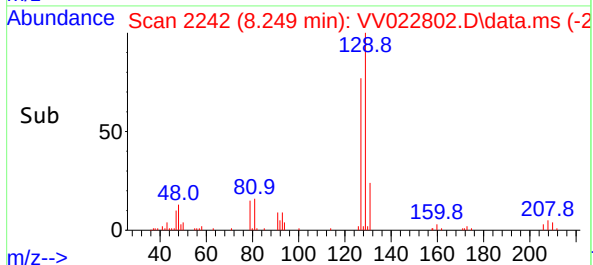
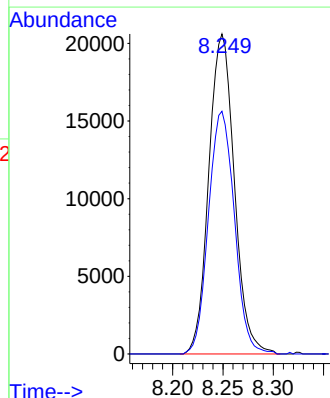
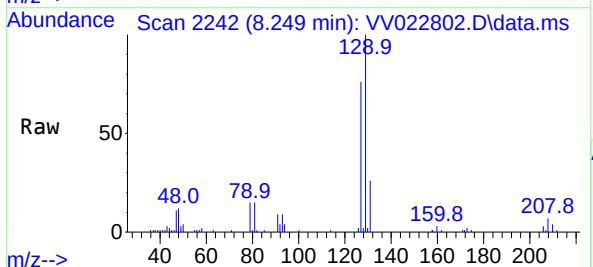
MMDadoda

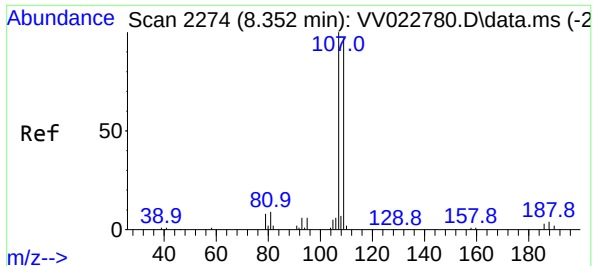
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#49
Dibromochloromethane
Concen: 5.41 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

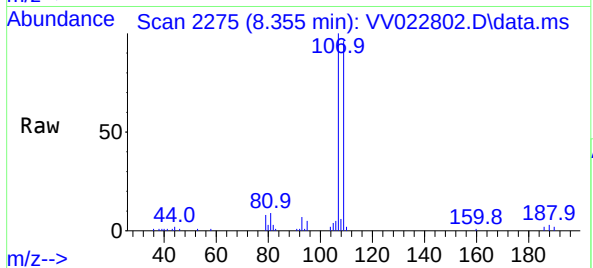
Tgt Ion: 129 Resp: 36435
Ion Ratio Lower Upper
129 100
127 75.9 59.1 109.9





#50
1,2-Dibromoethane
Concen: 5.29 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

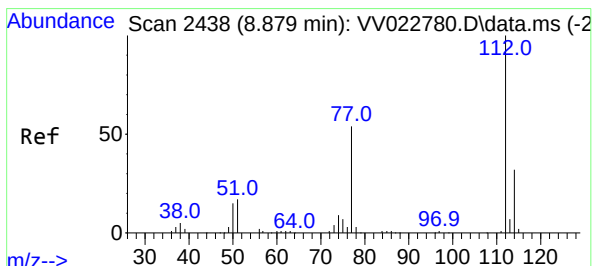
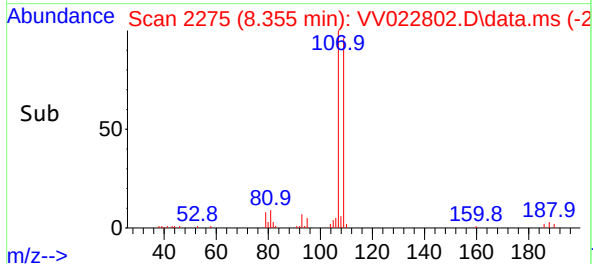
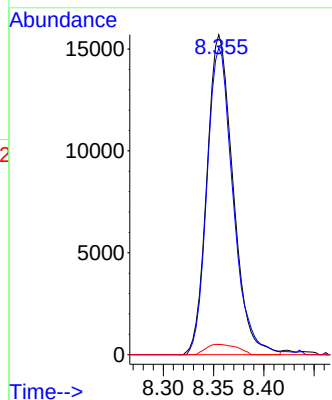


Tgt Ion:107 Resp: 28404
Ion Ratio Lower Upper
107 100
109 95.8 67.1 124.5
188 3.2 3.4 5.0#

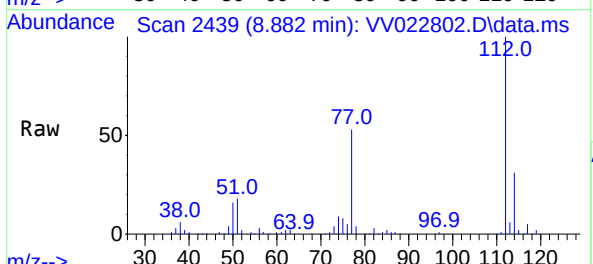
Manual Integrations
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MMDadoda

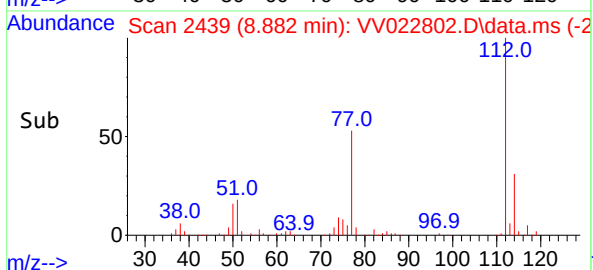
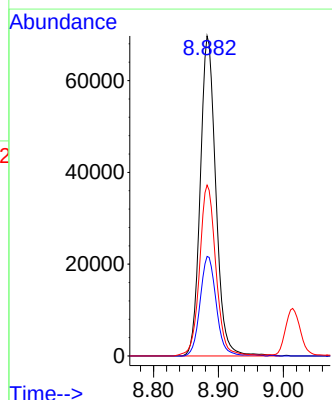
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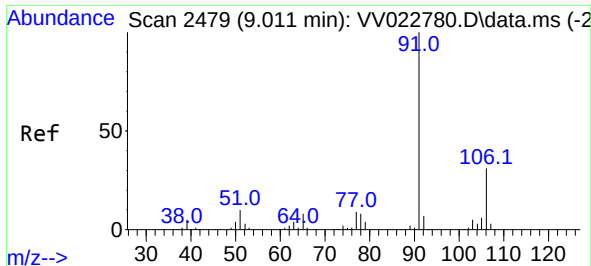


#51
Chlorobenzene
Concen: 5.40 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion:112 Resp: 116218
Ion Ratio Lower Upper
112 100
114 31.1 21.6 40.2
77 53.4 43.7 65.5





#52
Ethylbenzene
Concen: 5.51 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

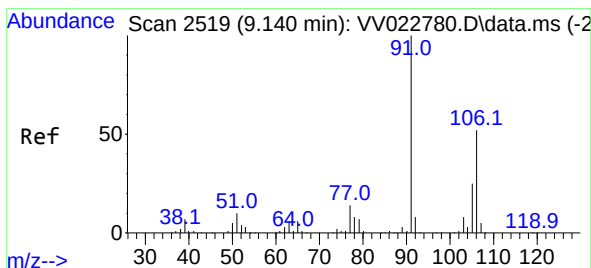
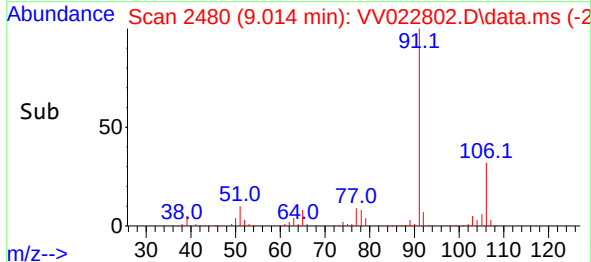
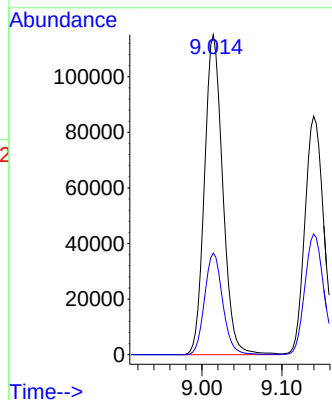
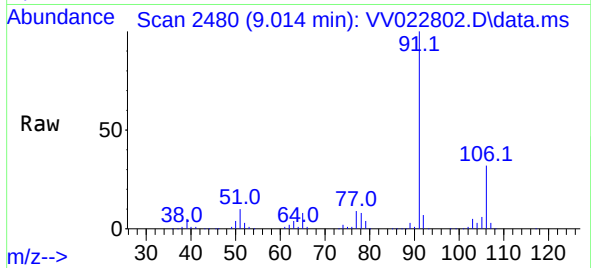
Tgt Ion: 91 Resp: 183100
Ion Ratio Lower Upper
91 100
106 31.8 21.6 40.2

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
APPROVED

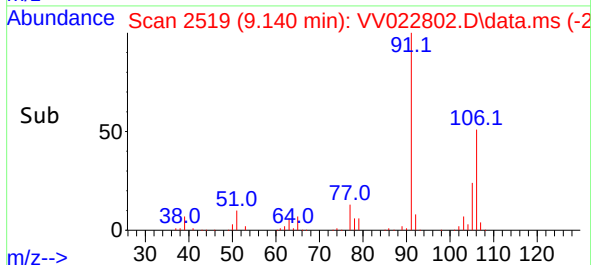
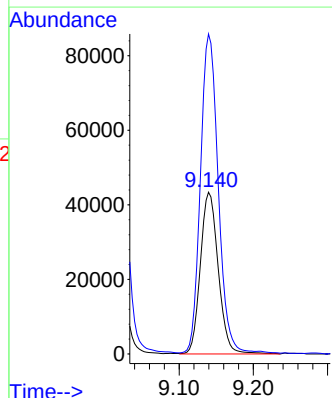
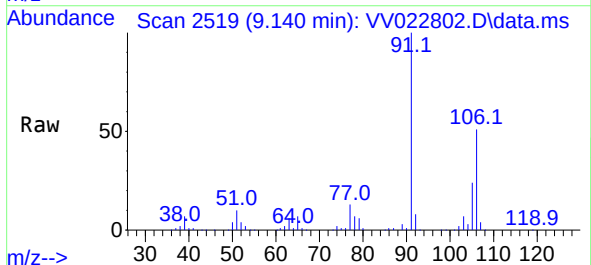
MMDadoda

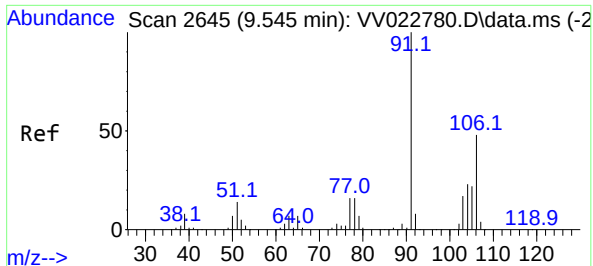
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#53
m,p-xylene
Concen: 5.57 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion: 106 Resp: 72606
Ion Ratio Lower Upper
106 100
91 197.7 138.7 257.5





#54
o-xylene
Concen: 5.62 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

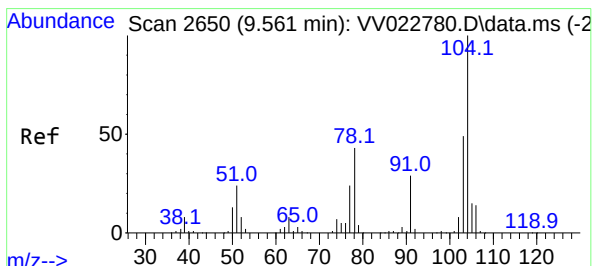
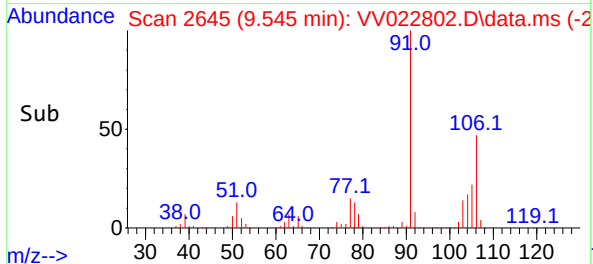
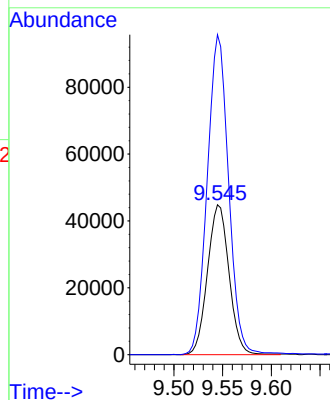
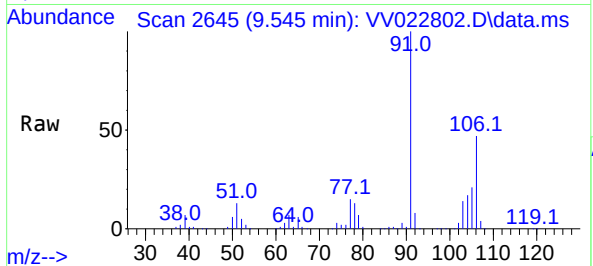
Tgt Ion:106 Resp: 68924
Ion Ratio Lower Upper
106 100
91 213.5 151.1 280.7

Instrument :
MSVOA_V
ClientSampled :
JDGG4MSD

Manual Integrations
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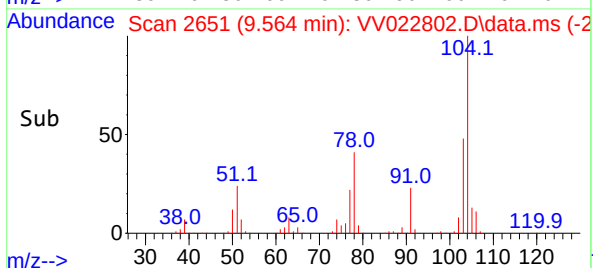
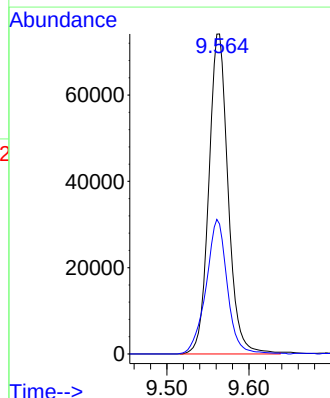
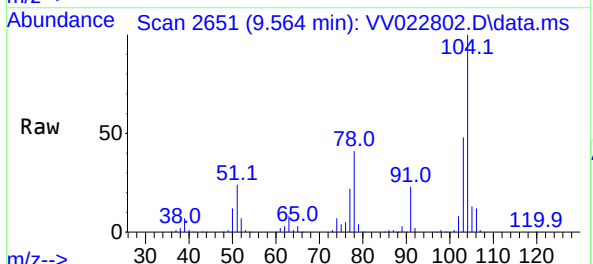
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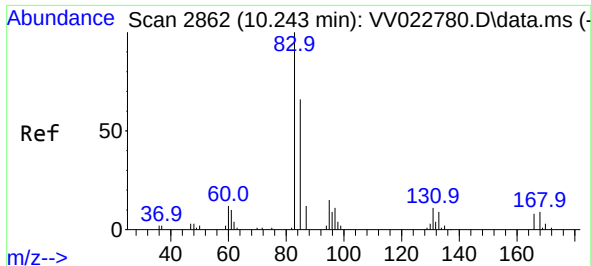
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#55
Styrene
Concen: 5.74 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion:104 Resp: 121387
Ion Ratio Lower Upper
104 100
78 40.6 29.5 54.7





#57
1,1,2,2-Tetrachloroethane
Concen: 6.19 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

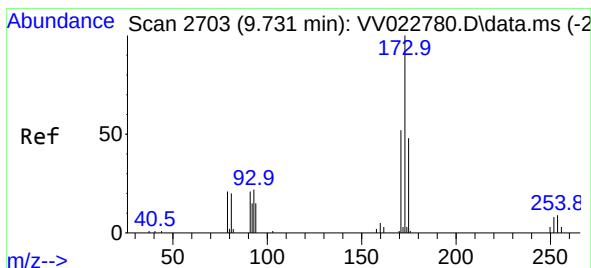
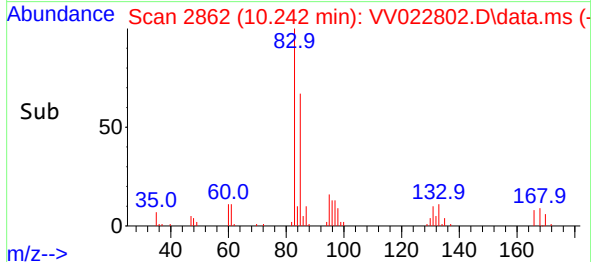
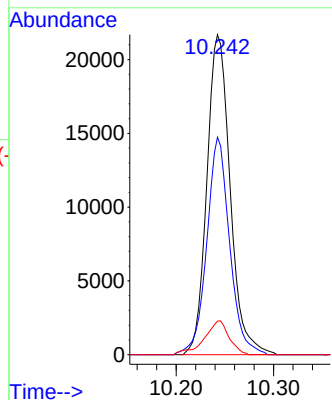
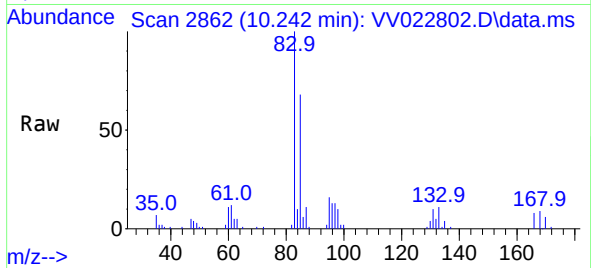
Tgt Ion:	83	Resp:	36049
Ion	Ratio	Lower	Upper
83	100		
85	67.9	46.0	85.4
131	10.5	8.4	12.6

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
APPROVED

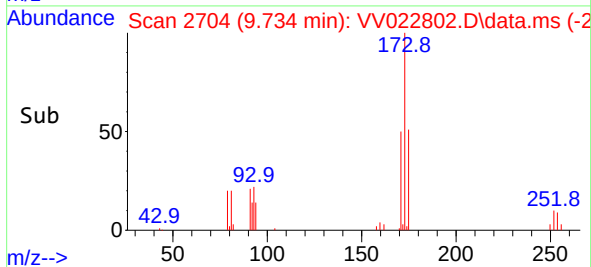
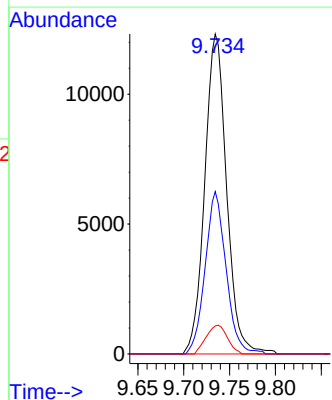
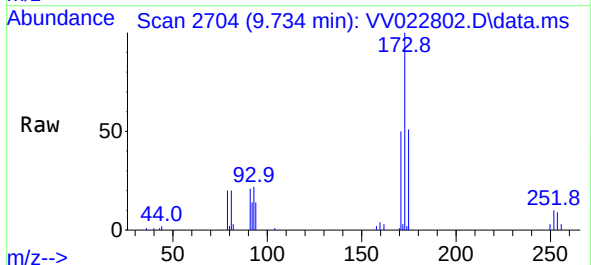
MMDadoda

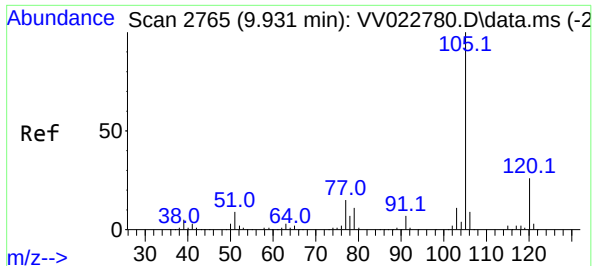
10/15/2021 12:02:56 PM



#59
Bromoform
Concen: 5.44 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion:	173	Resp:	20424
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.3	57.5
254	8.7	7.1	10.7





#60
Isopropylbenzene
Concen: 5.36 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

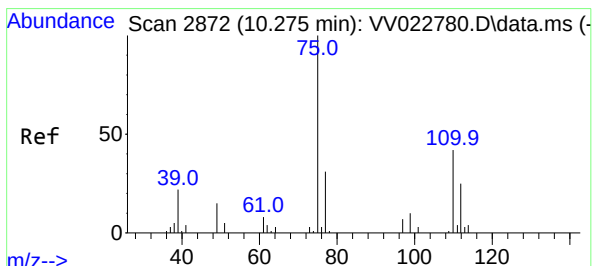
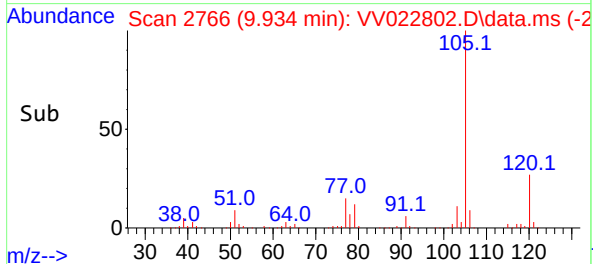
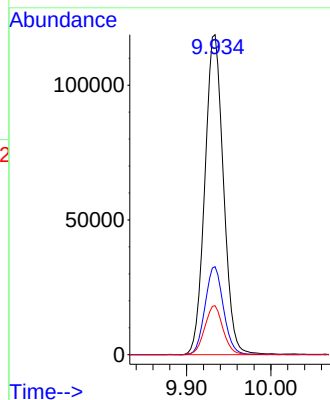
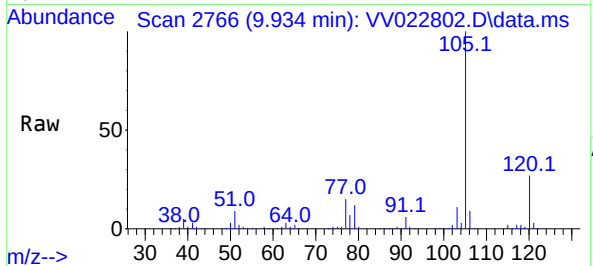
Tgt Ion:	105	Resp:	182490
Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.8	32.8
77	15.1	12.5	18.7

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
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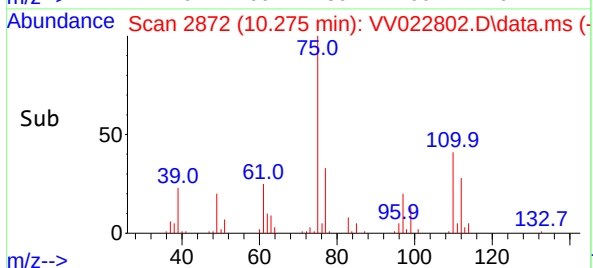
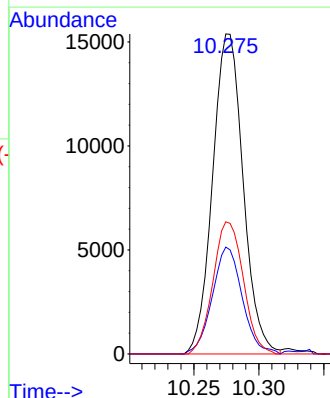
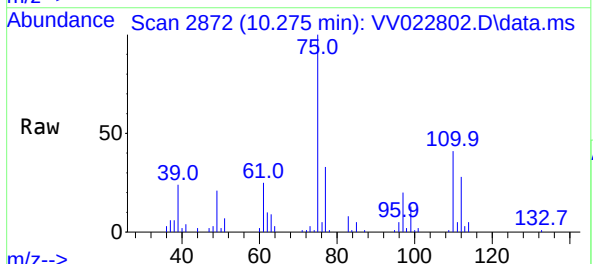
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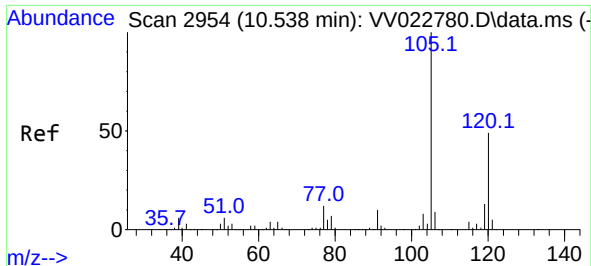
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#61
1,2,3-Trichloropropane
Concen: 5.39 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion:	75	Resp:	25118
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.2
110	41.1	34.2	51.4





#62
1,3,5-Trimethylbenzene
Concen: 5.31 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

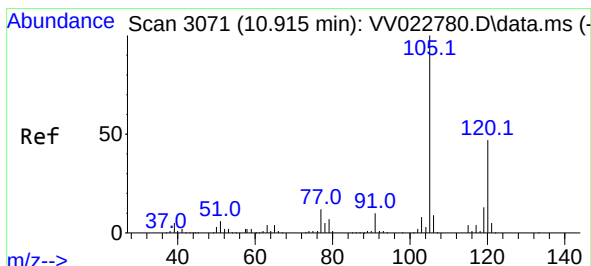
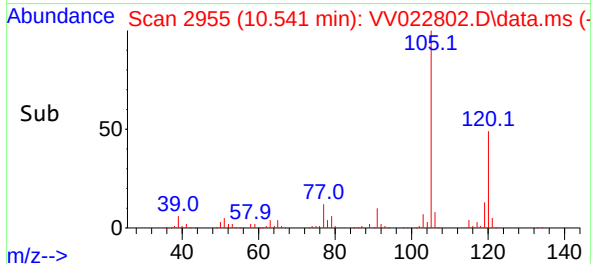
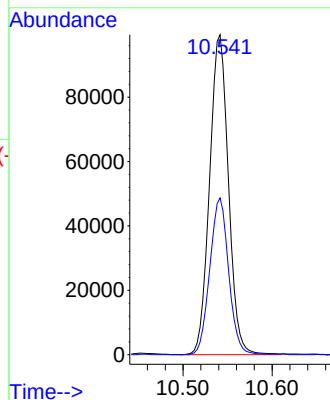
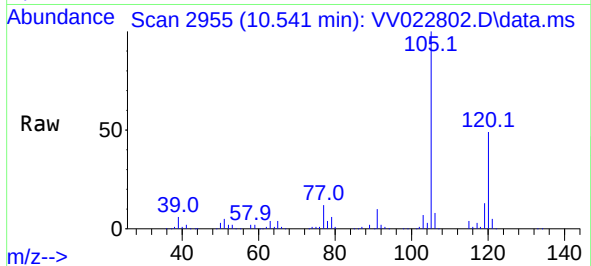
Tgt Ion:105 Resp: 145949
Ion Ratio Lower Upper
105 100
120 49.0 39.4 59.2

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations
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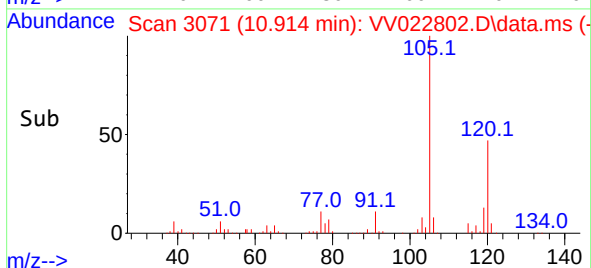
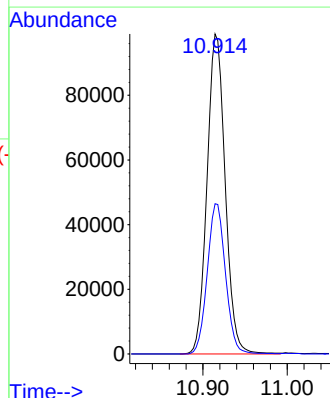
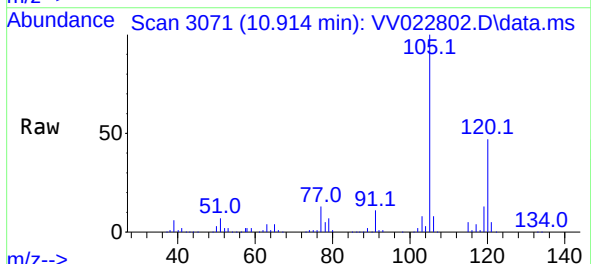
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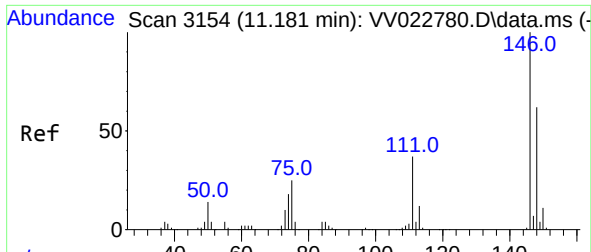
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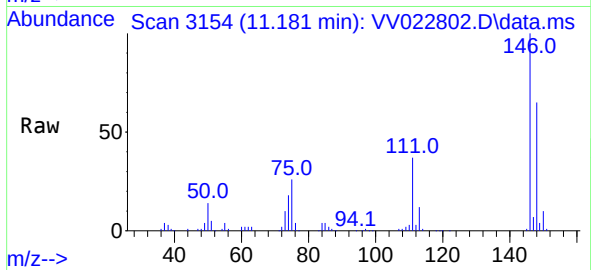
#63
1,2,4-Trimethylbenzene
Concen: 5.39 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Tgt Ion:105 Resp: 148477
Ion Ratio Lower Upper
105 100
120 47.1 37.3 55.9

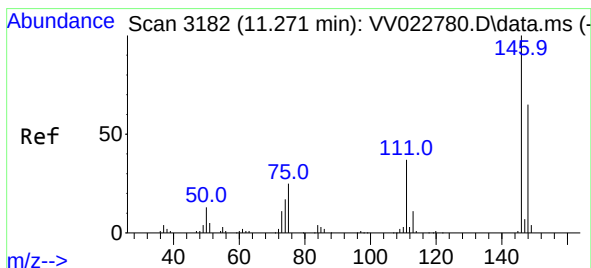
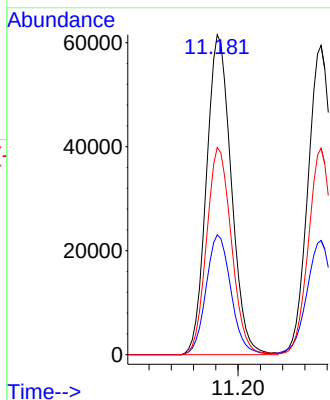
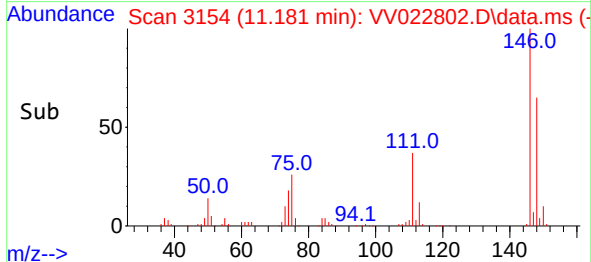




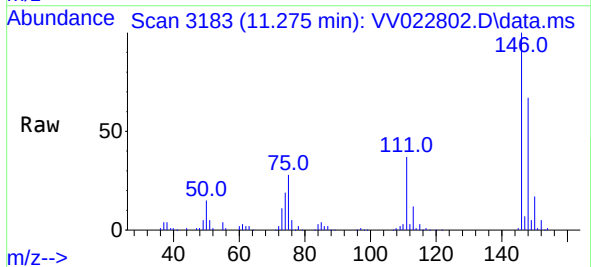
#64
1,3-Dichlorobenzene
Concen: 5.33 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



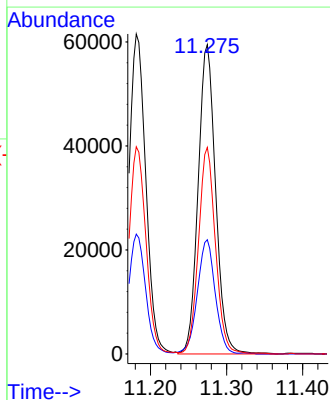
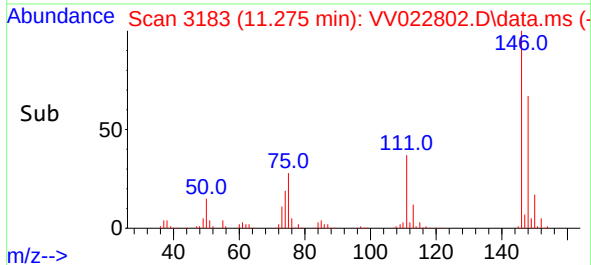
Tgt Ion:146 Resp: 95275
Ion Ratio Lower Upper
146 100
111 37.4 26.7 49.5
148 64.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.24 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion:146 Resp: 95078
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.4
148 66.8 44.9 83.5

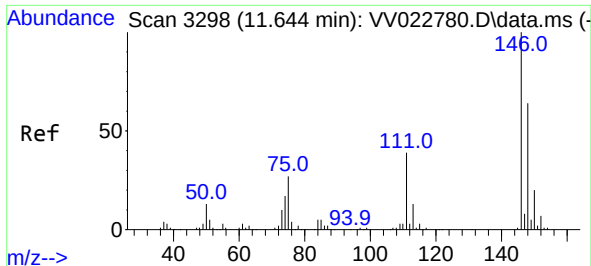


Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

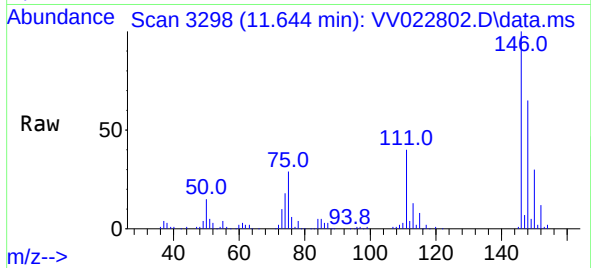
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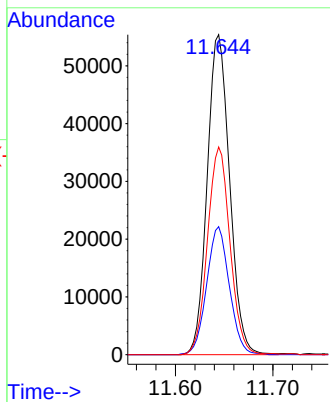
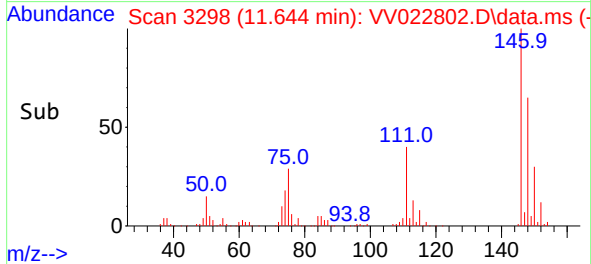
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#67
1,2-Dichlorobenzene
Concen: 5.29 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion:146 Resp: 88695
Ion Ratio Lower Upper
146 100
111 40.0 32.3 48.5
148 64.9 52.1 78.1

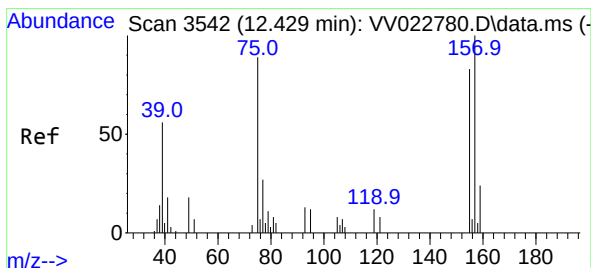


Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

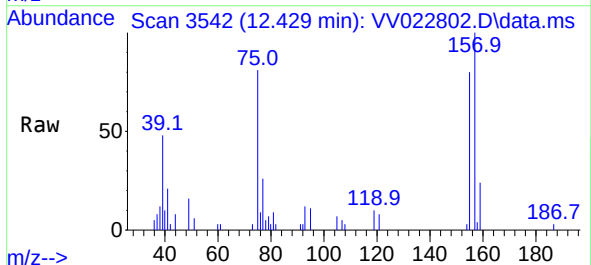
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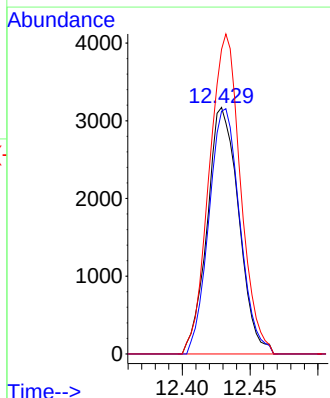
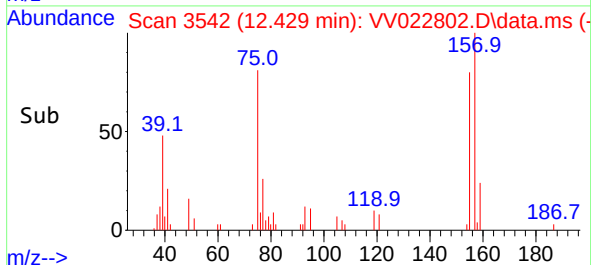
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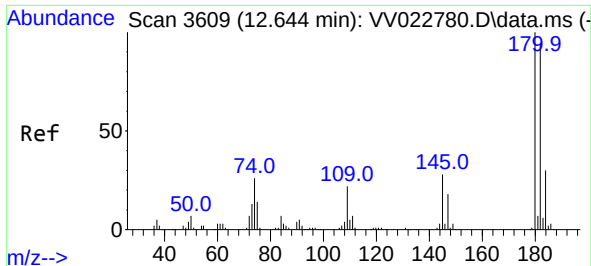


#68
1,2-Dibromo-3-chloropropane
Concen: 6.06 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



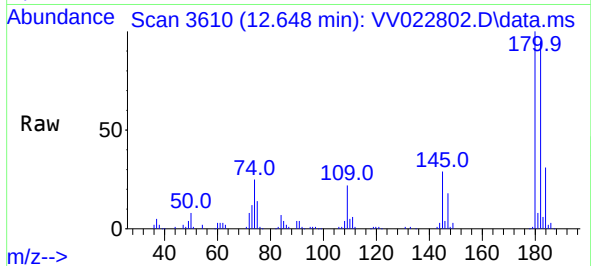
Tgt Ion: 75 Resp: 5136
Ion Ratio Lower Upper
75 100
155 98.5 82.4 123.6
157 123.5 114.1 171.1





#69
1,3,5-Trichlorobenzene
Concen: 5.33 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD



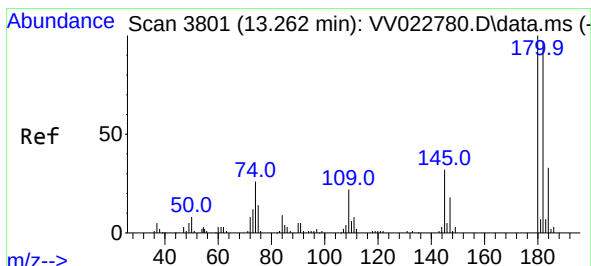
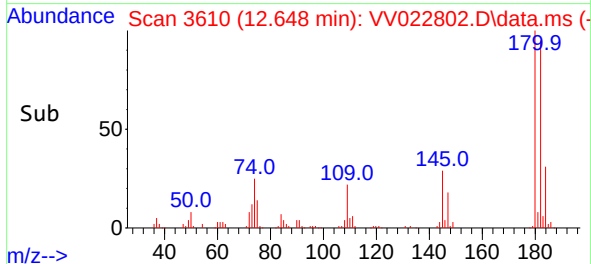
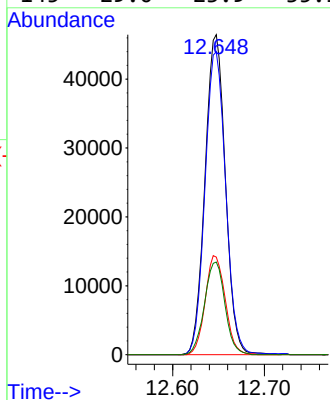
Tgt Ion:180 Resp: 71692

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.6
184	30.4	24.5	36.7
145	29.0	23.9	35.9

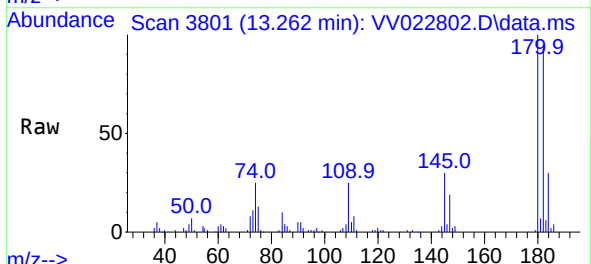
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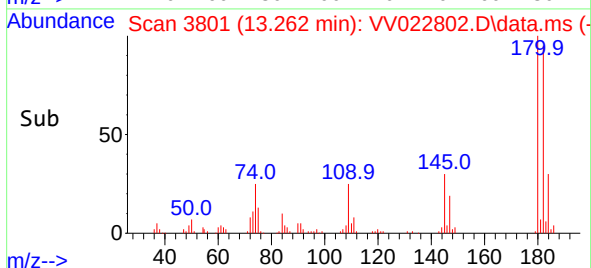
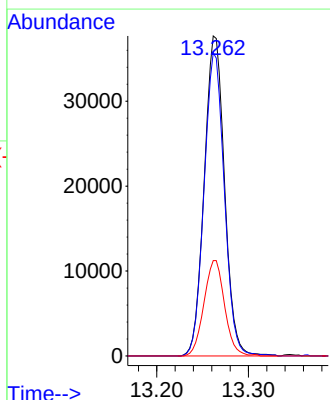


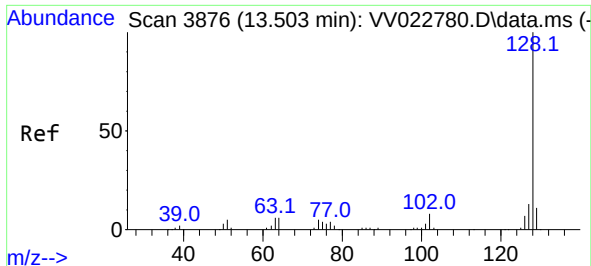
#70
1,2,4-trichlorobenzene
Concen: 5.63 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



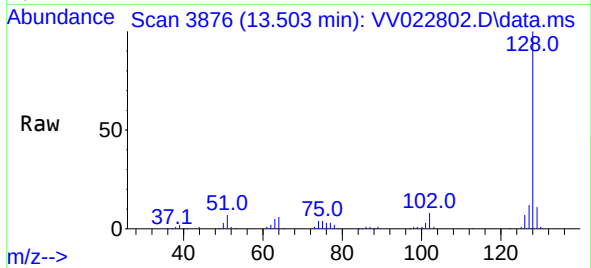
Tgt Ion:180 Resp: 57924

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	30.4	24.1	36.1

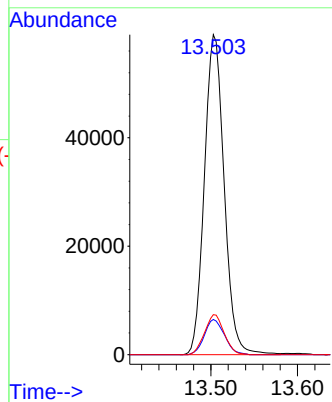
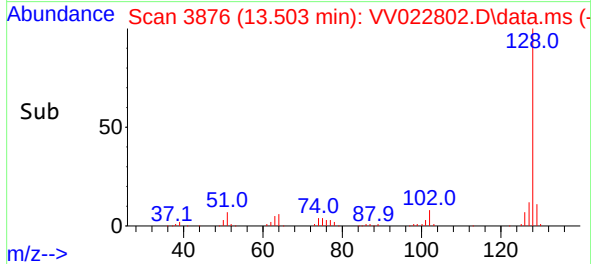




#71
Naphthalene
Concen: 5.73 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion:128 Resp: 93609
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.4 10.8 16.2

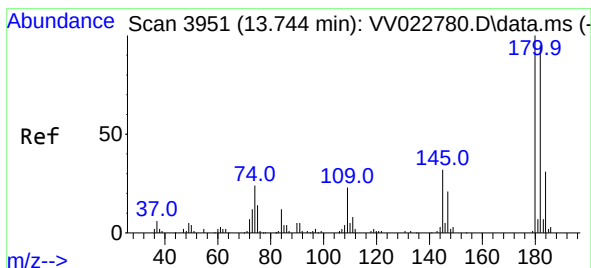


Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

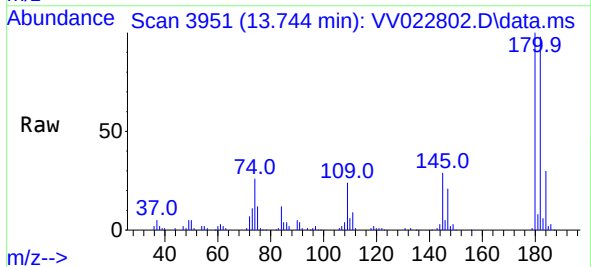
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#72
1,2,3-Trichlorobenzene
Concen: 5.76 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022802.D
Acq: 14 Oct 2021 19:04



Tgt Ion:180 Resp: 55800
Ion Ratio Lower Upper
180 100
182 94.3 75.5 113.3
145 29.8 24.7 37.1

