

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022737.D
 Acq On : 11 Oct 2021 18:16
 Operator : SY/MD
 Sample : M4109-14MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YATJ9MS

Manual Integrations
 APPROVED

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 10/13/2021 1:41:25 PM

Quant Time: Oct 12 03:42:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32028	4.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.564	69	33383	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.104	63	70199	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.912	46	77828	39.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.120%
24) Chloroform-d	4.349	84	78375	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	37152	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.050	84	148950	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.072	67	47004	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.316	98	142234	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.625	79	15318	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.095	63	77352	58.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34979	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	57551	4.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41328	5.134	ug/L	99
3) Chloromethane	1.240	50	45956	5.680	ug/L	99
5) Vinyl chloride	1.307	62	44900	5.371	ug/L	98
6) Bromomethane	1.519	94	29622	5.684	ug/L	95
8) Chloroethane	1.584	64	29357	5.676	ug/L	100
9) Trichlorofluoromethane	1.751	101	65906	5.382	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39010	5.477	ug/L	100
12) 1,1-Dichloroethene	2.114	96	38291	5.739	ug/L	81
13) Acetone	2.191	43	61298m	55.169	ug/L	
14) Carbon disulfide	2.288	76	96326	5.137	ug/L	99
15) Methyl Acetate	2.436	43	14982	4.713	ug/L	91
16) Methylene chloride	2.500	84	41727	4.544	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	79929	4.951	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	38664	5.329	ug/L	97
19) 1,1-Dichloroethane	3.185	63	69472	5.316	ug/L	97
21) 2-Butanone	3.995	43	60800	33.420	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	39014	5.121	ug/L	94
23) Bromochloromethane	4.252	128	18886	5.580	ug/L	93
25) Chloroform	4.375	83	80810	5.334	ug/L	99

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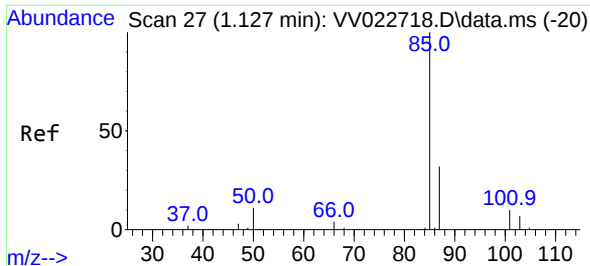
Manual Integrations
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Quant Time: Oct 12 03:42:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	38819	5.134	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	61951	4.834	ug/L	98
30) Cyclohexane	4.674	56	58411	4.940	ug/L	97
31) Carbon tetrachloride	4.828	117	55202	4.963	ug/L	100
33) Benzene	5.098	78	153592	5.082	ug/L	100
34) Trichloroethene	5.911	95	278752	33.917	ug/L	98
35) Methylcyclohexane	6.130	83	59023	5.126	ug/L	94
37) 1,2-Dichloropropane	6.175	63	36913	5.078	ug/L	99
38) Bromodichloromethane	6.513	83	46582	5.201	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	49176	5.111	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	217625	55.721	ug/L	97
42) Toluene	7.387	91	166301	5.420	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	41399	5.277	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28568	5.296	ug/L	99
47) Tetrachloroethene	7.976	164	96566	14.528	ug/L	98
48) 2-Hexanone	8.143	43	162667	56.962	ug/L	98
49) Dibromochloromethane	8.249	129	33924	5.373	ug/L	89
50) 1,2-Dibromoethane	8.355	107	26664	5.294	ug/L	96
51) Chlorobenzene	8.882	112	107843	5.349	ug/L	99
52) Ethylbenzene	9.014	91	164016	5.265	ug/L	98
53) m,p-xylene	9.140	106	65645	5.370	ug/L	98
54) o-xylene	9.545	106	61568	5.353	ug/L	99
55) Styrene	9.561	104	111395	5.621	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	28753	5.269	ug/L	94
59) Bromoform	9.734	173	17724	4.934	ug/L	98
60) Isopropylbenzene	9.934	105	169395	5.200	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	23513	5.277	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	131450	4.994	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	136316	5.176	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	88253	5.162	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	89331	5.146	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	83453	5.204	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	3850	4.747	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	65645	5.097	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	48812	4.961	ug/L	98
71) Naphthalene	13.503	128	75249	4.812	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	46618	5.025	ug/L	98

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



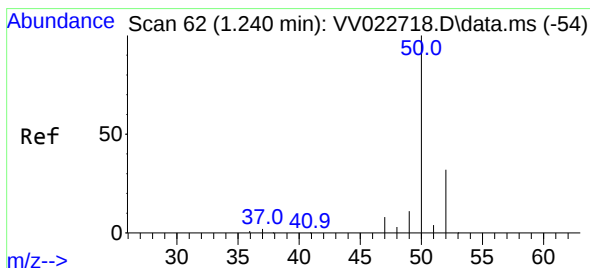
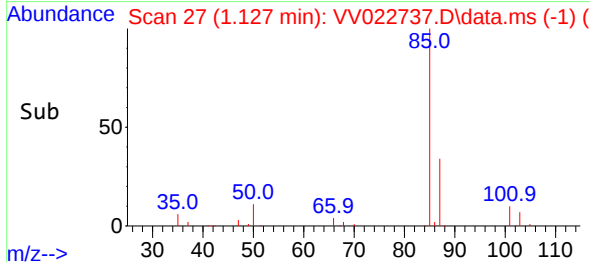
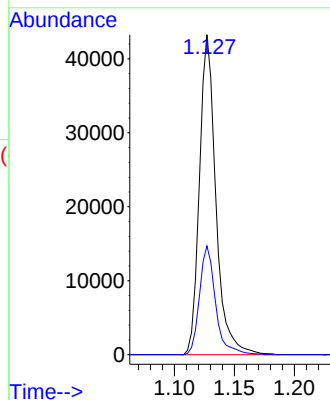
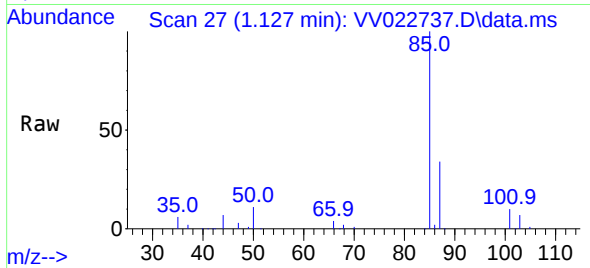
#2
Dichlorodifluoromethane
Concen: 5.134 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 85 Resp: 41328
Ion Ratio Lower Upper
85 100
87 33.2 26.3 39.5

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

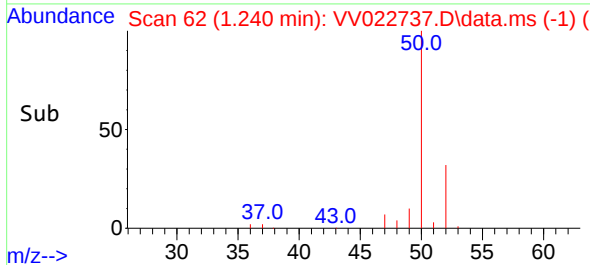
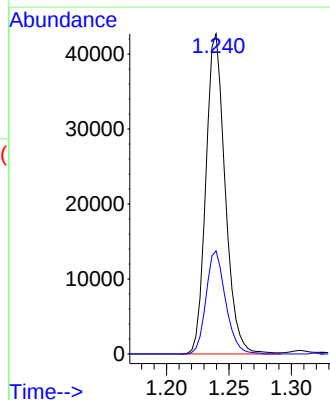
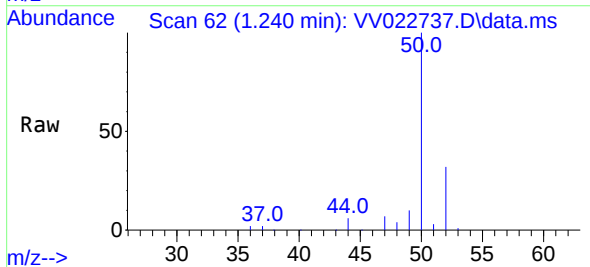
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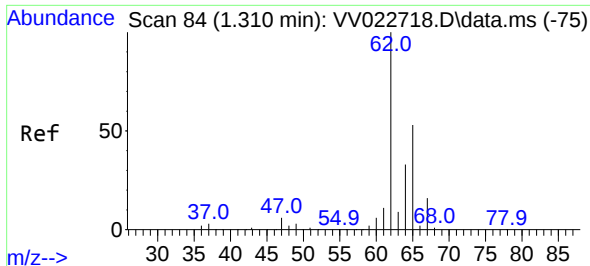
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#3
Chloromethane
Concen: 5.680 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 50 Resp: 45956
Ion Ratio Lower Upper
50 100
52 32.2 22.9 42.5





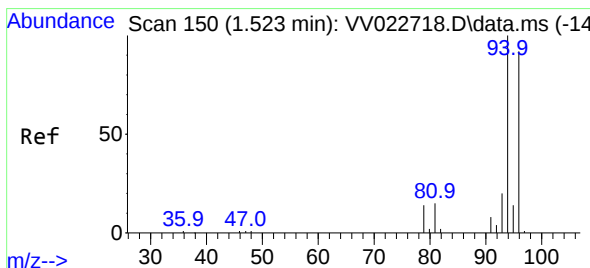
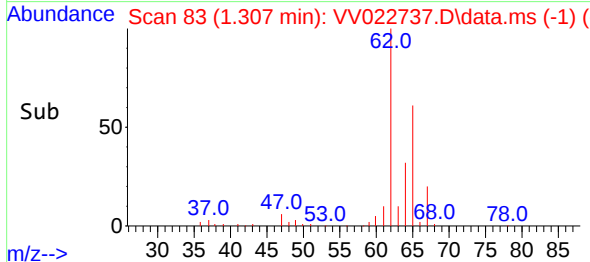
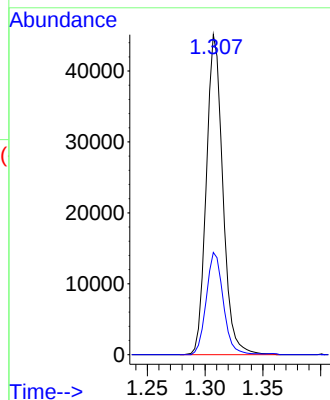
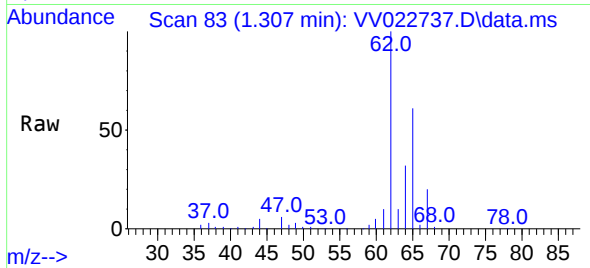
#5
 Vinyl chloride
 Concen: 5.371 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Tgt Ion: 62 Resp: 44900
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.0 42.8

Instrument :
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 ClientSampleId :
 YATJ9MS

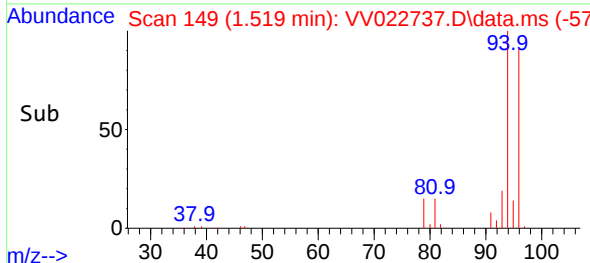
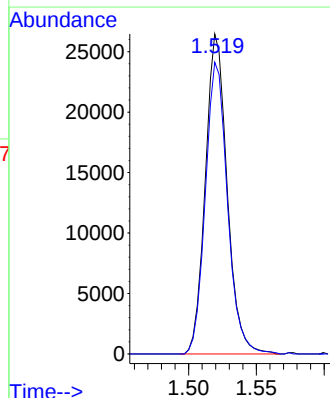
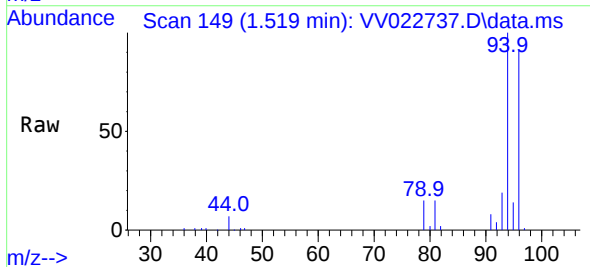
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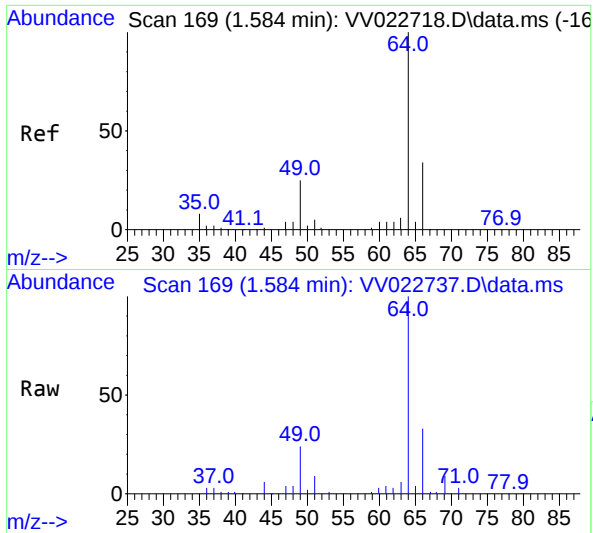
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#6
 Bromomethane
 Concen: 5.684 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022737.D
 Acq: 11 Oct 2021 18:16

Tgt Ion: 94 Resp: 29622
 Ion Ratio Lower Upper
 94 100
 96 91.1 67.2 124.8





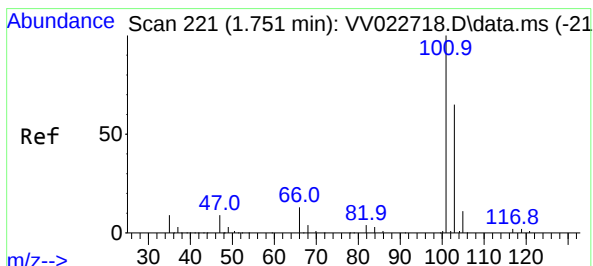
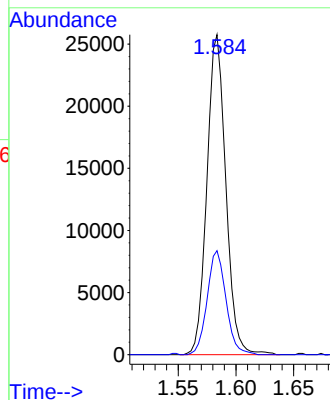
#8
Chloroethane
Concen: 5.676 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 64 Resp: 29357
Ion Ratio Lower Upper
64 100
66 32.5 22.9 42.5

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

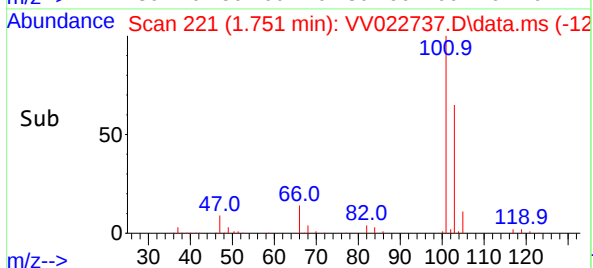
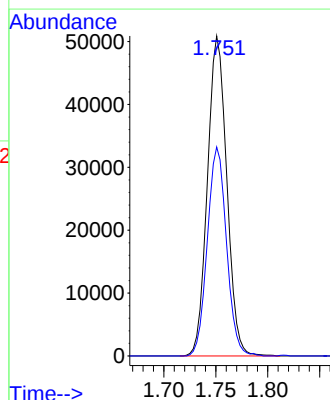
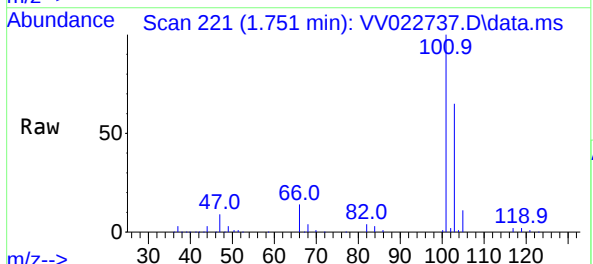
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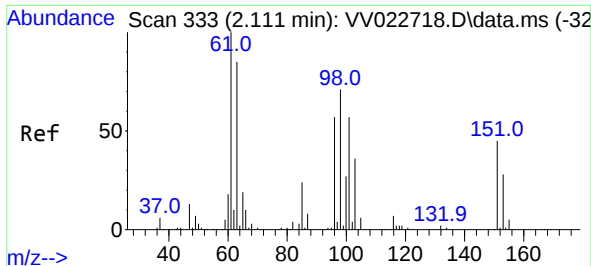
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#9
Trichlorofluoromethane
Concen: 5.382 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:101 Resp: 65906
Ion Ratio Lower Upper
101 100
103 64.6 50.3 75.5





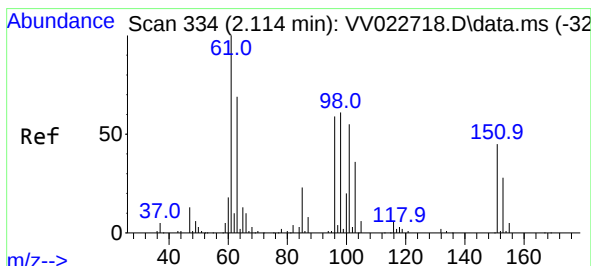
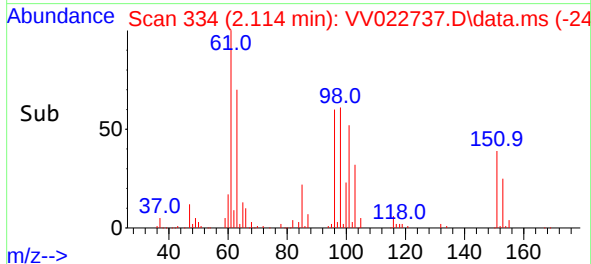
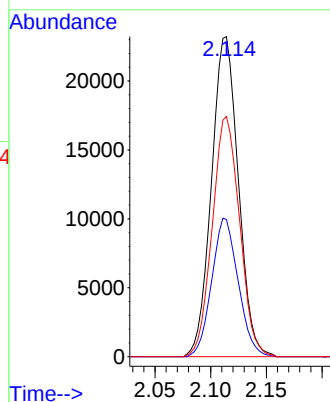
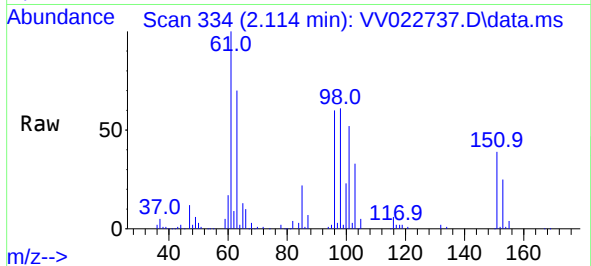
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.477 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

Tgt Ion:101 Resp: 39010
Ion Ratio Lower Upper
101 100
85 42.6 34.6 52.0
151 76.2 60.9 91.3

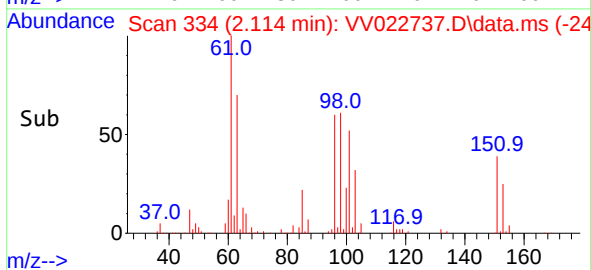
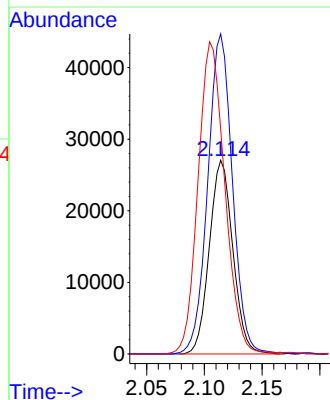
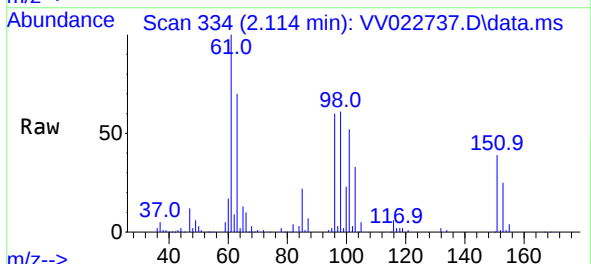
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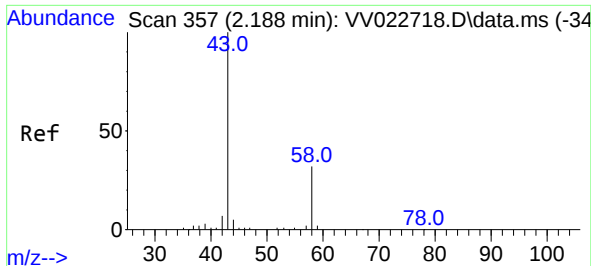
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#12
1,1-Dichloroethene
Concen: 5.739 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 96 Resp: 38291
Ion Ratio Lower Upper
96 100
61 165.3 127.3 236.5
63 116.1 106.2 197.2





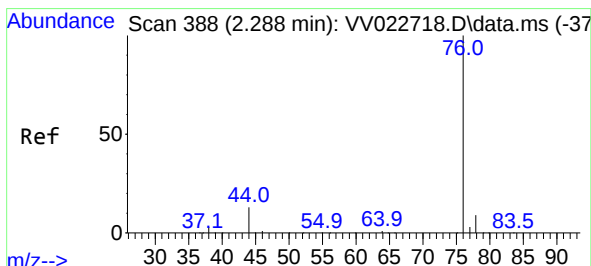
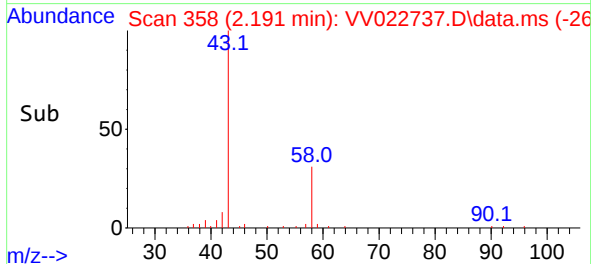
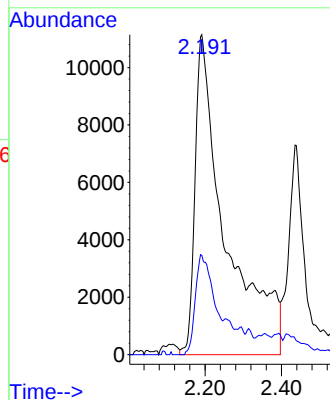
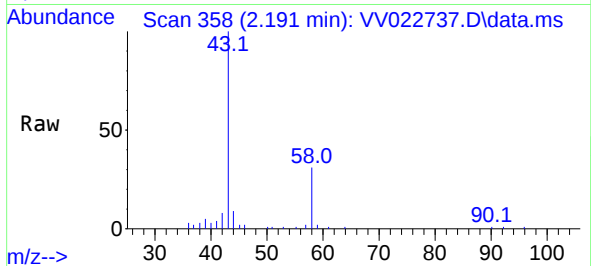
#13
Acetone
Concen: 55.169 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 43 Resp: 61298
Ion Ratio Lower Upper
43 100
58 1.6 0.0 24.2

Instrument :
MSVOA_V
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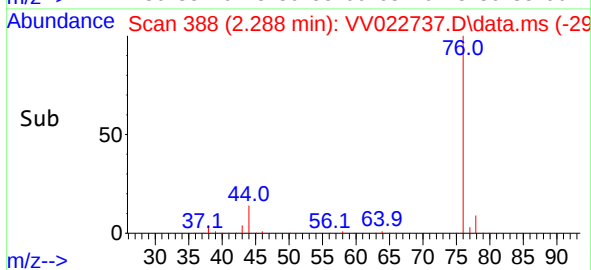
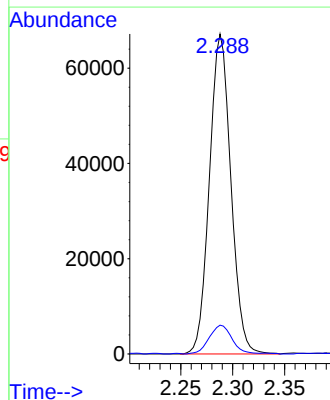
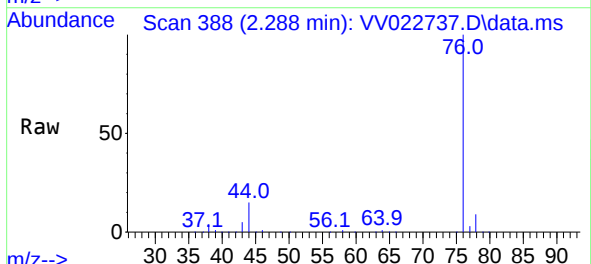
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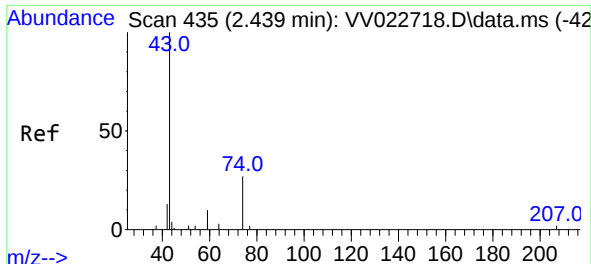
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10/13/2021 1:41:25 PM



#14
Carbon disulfide
Concen: 5.137 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

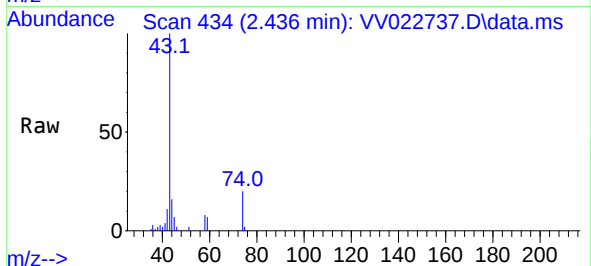
Tgt Ion: 76 Resp: 96326
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15
Methyl Acetate
Concen: 4.713 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

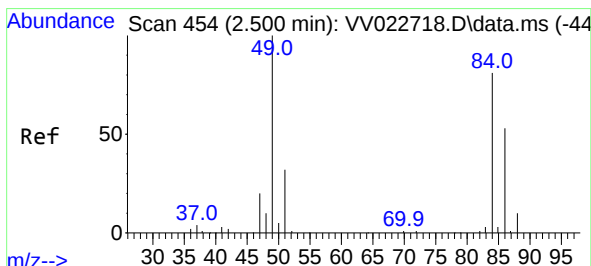
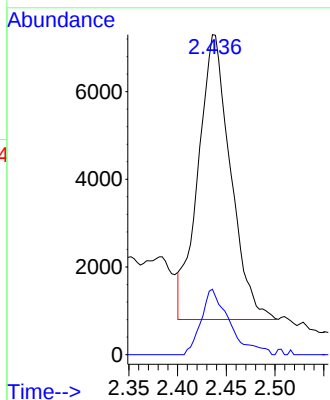
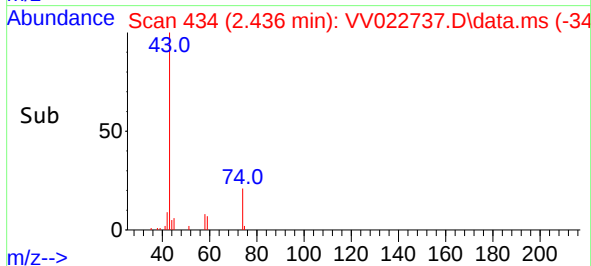
Instrument :
MSVOA_V
ClientSampled :
YATJ9MS



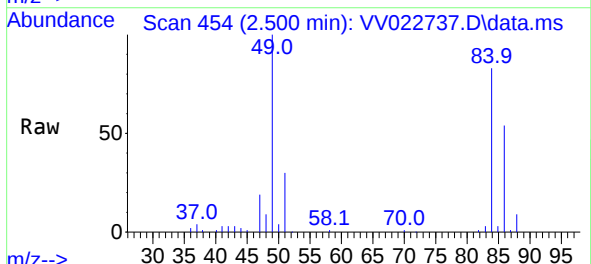
Tgt Ion: 43 Resp: 14982
Ion Ratio Lower Upper
43 100
74 20.3 19.9 29.9

Manual Integrations
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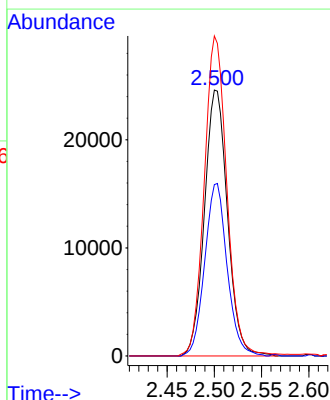
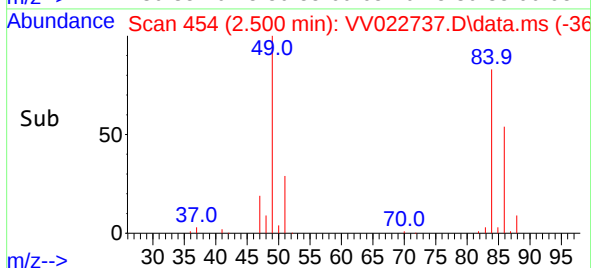
MMDadoda
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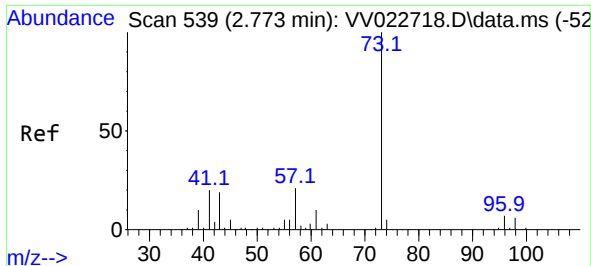


#16
Methylene chloride
Concen: 4.544 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



Tgt Ion: 84 Resp: 41727
Ion Ratio Lower Upper
84 100
86 64.5 45.8 85.2
49 120.3 90.3 167.7





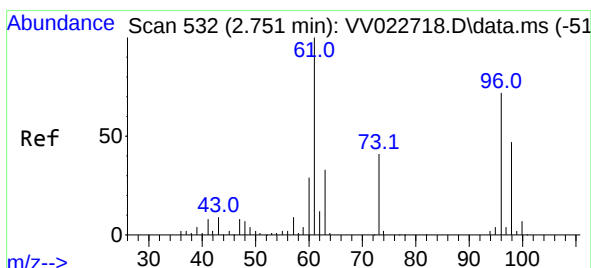
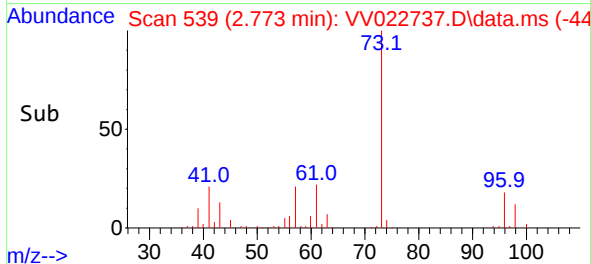
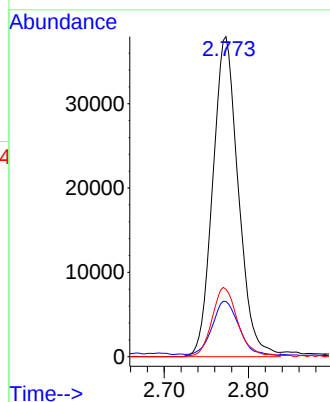
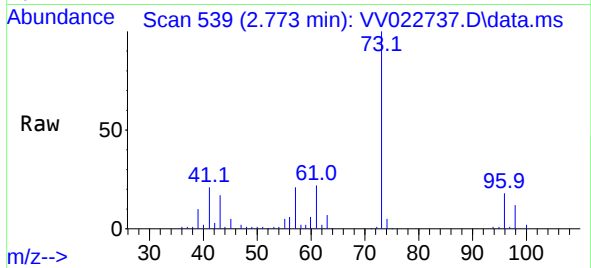
#17
Methyl tert-butyl Ether
Concen: 4.951 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	73	Resp:	79929
Ion	Ratio	Lower	Upper
73	100		
43	17.2	17.1	25.7
57	21.6	17.2	25.8

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

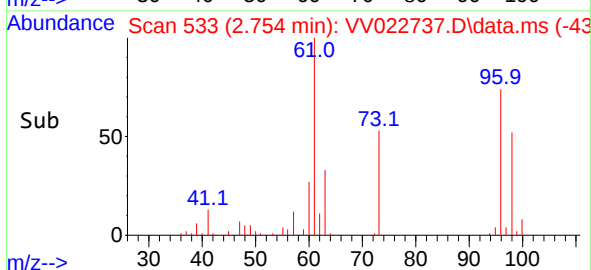
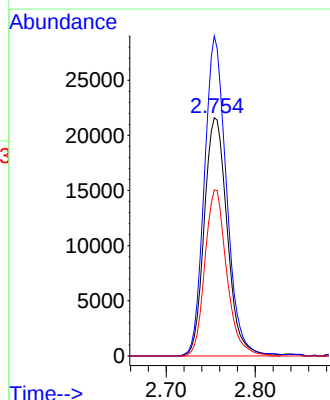
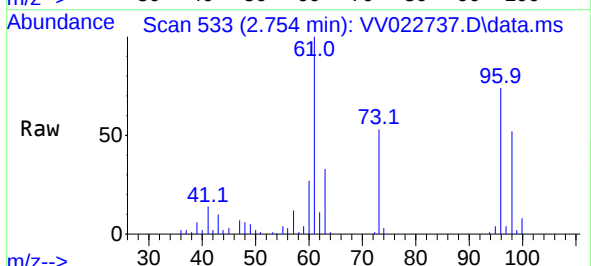
Manual Integrations
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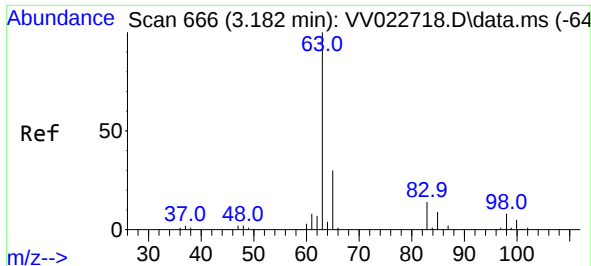
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#18
trans-1,2-Dichloroethene
Concen: 5.329 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	96	Resp:	38664
Ion	Ratio	Lower	Upper
96	100		
61	134.3	94.5	175.5
98	69.7	44.2	82.0





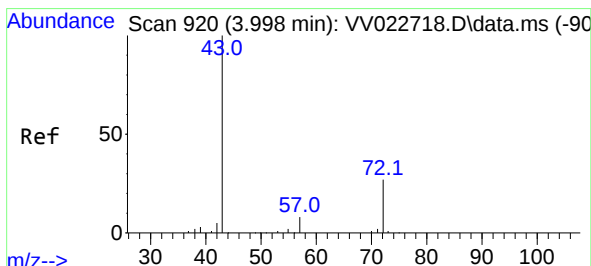
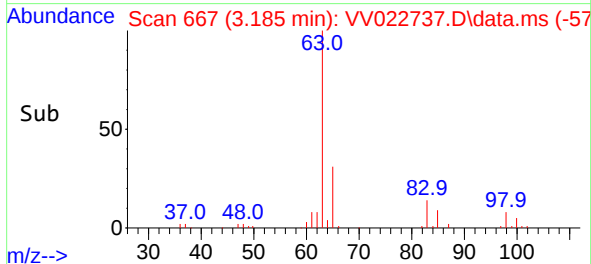
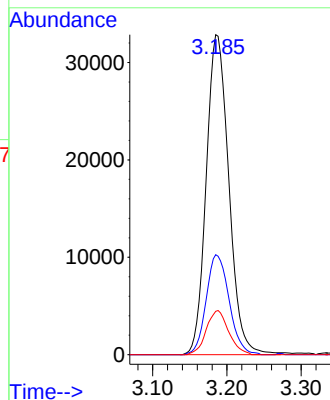
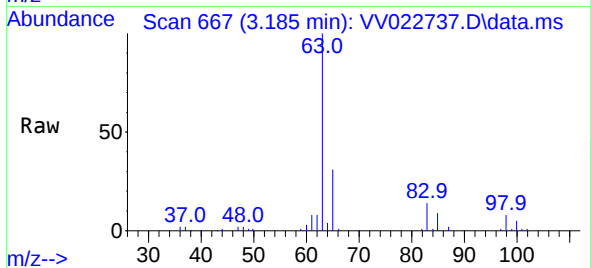
#19
1,1-Dichloroethane
Concen: 5.316 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	63	Resp:	69472
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.5	43.7
83	13.6	10.1	18.7

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

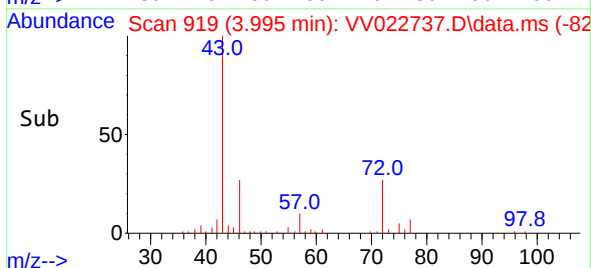
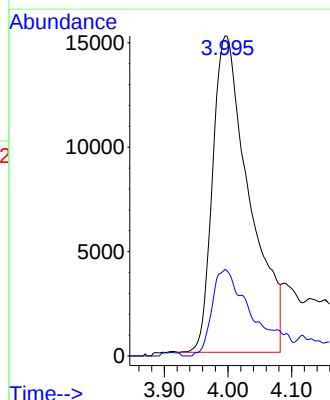
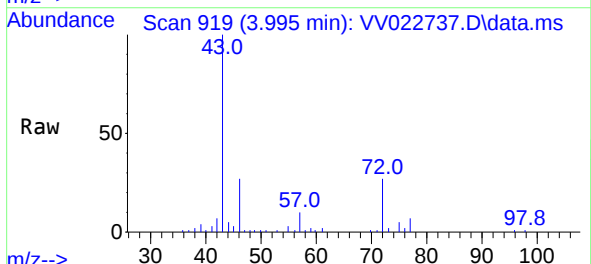
Manual Integrations
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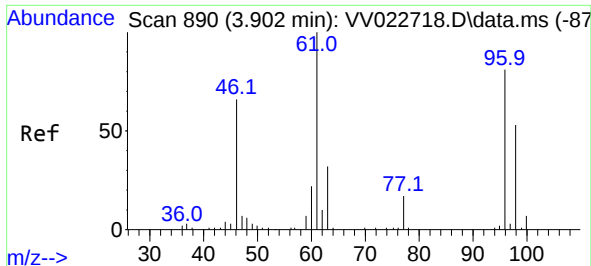
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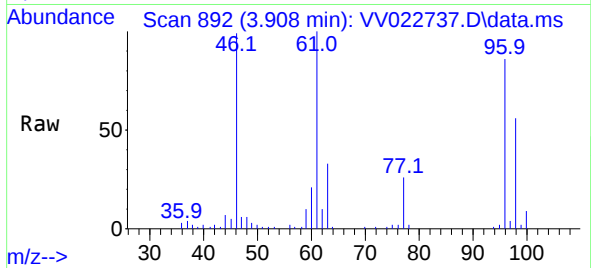
#21
2-Butanone
Concen: 33.420 ug/L
RT: 3.995 min Scan# 919
Delta R.T. -0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	43	Resp:	60800
Ion	Ratio	Lower	Upper
43	100		
72	30.7	12.3	36.8



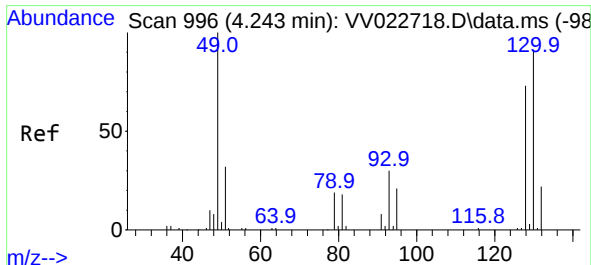
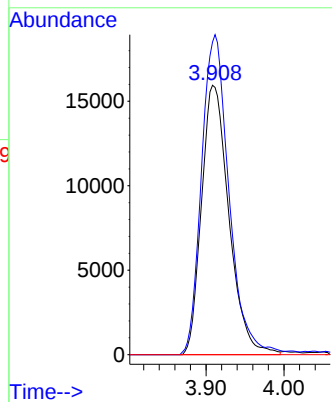
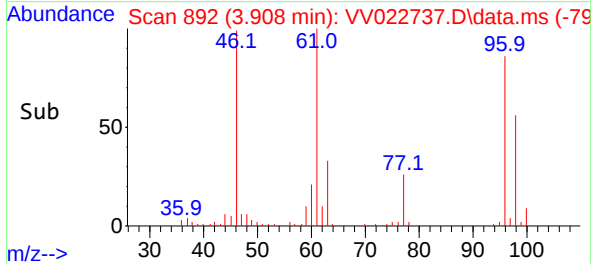


#22
cis-1,2-Dichloroethene
Concen: 5.121 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

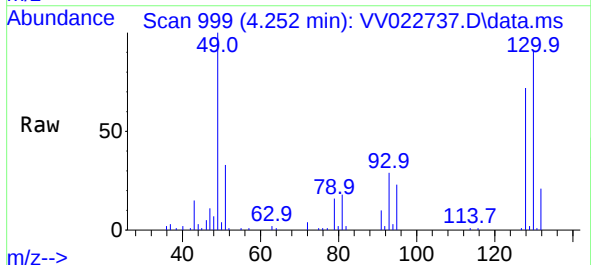


Tgt Ion: 96 Resp: 39014

Ion	Ratio	Lower	Upper
96	100		
61	116.0	86.0	159.6
68	0.0	0.0	0.0

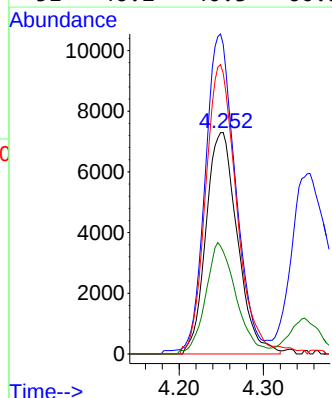
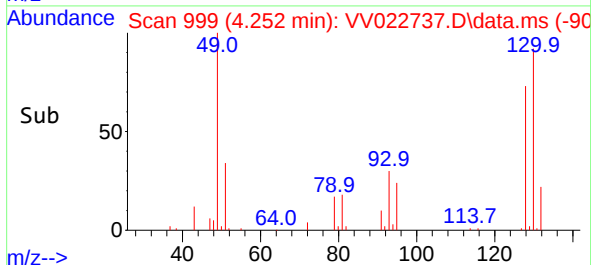


#23
Bromochloromethane
Concen: 5.580 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.010 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



Tgt Ion: 128 Resp: 18886

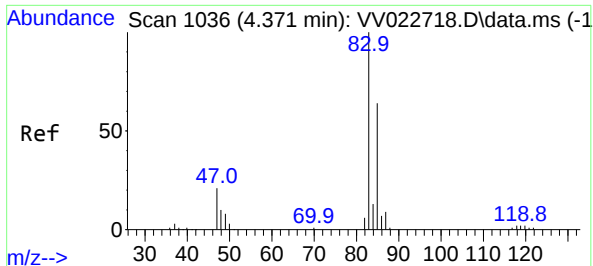
Ion	Ratio	Lower	Upper
128	100		
49	139.7	106.9	198.5
130	126.6	91.9	170.7
51	46.2	40.3	60.5



Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

Manual Integrations
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#25

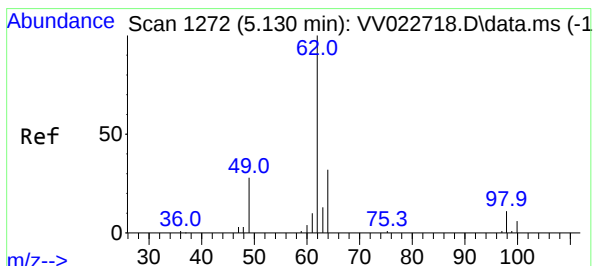
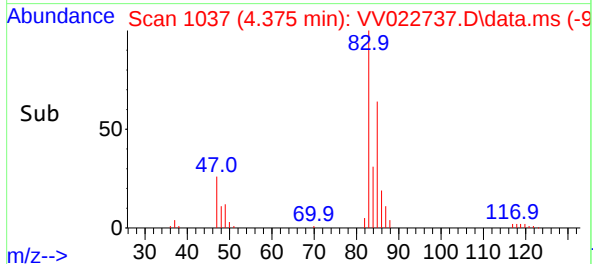
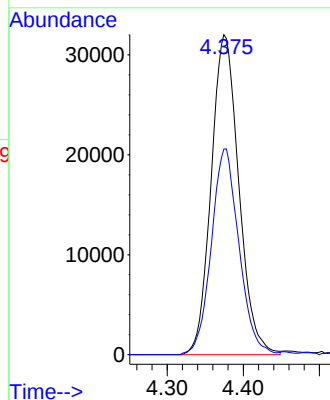
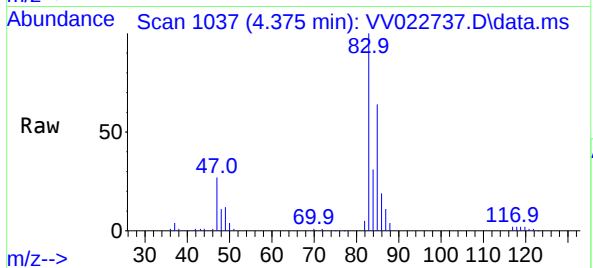
Chloroform
Concen: 5.334 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 83 Resp: 80810
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

Manual Integrations
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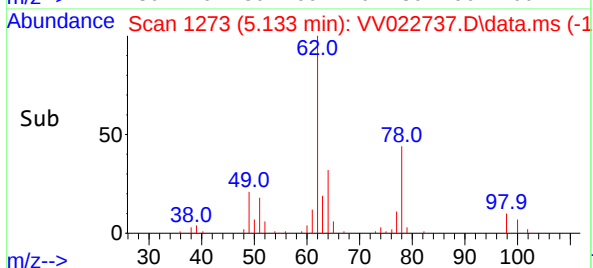
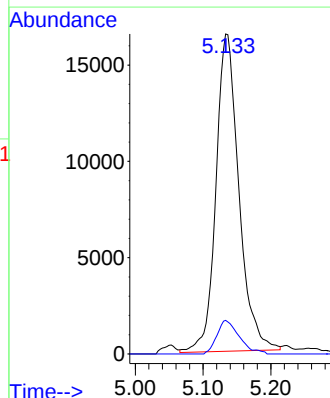
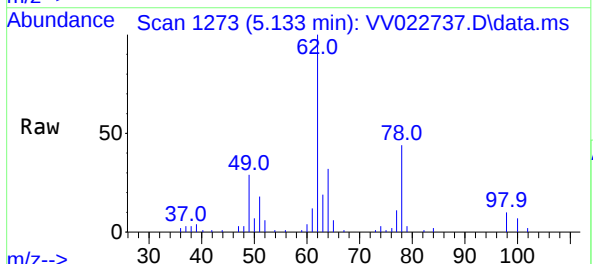
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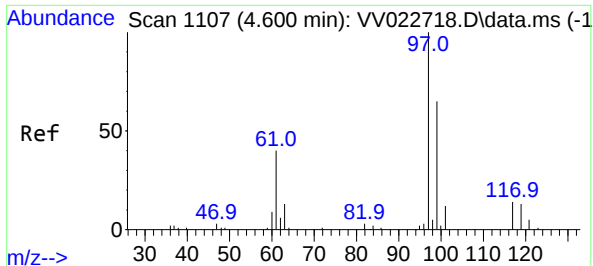


#27

1,2-Dichloroethane
Concen: 5.134 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 62 Resp: 38819
Ion Ratio Lower Upper
62 100
98 10.5 9.7 14.5





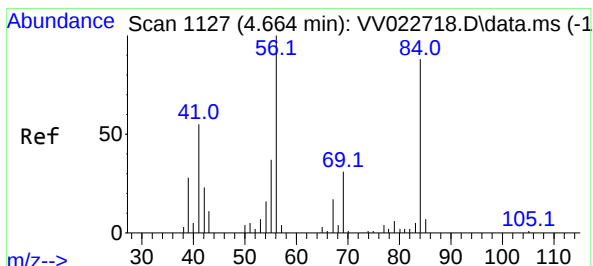
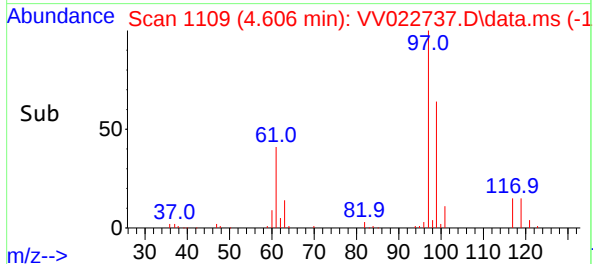
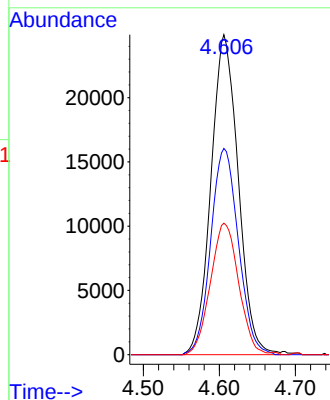
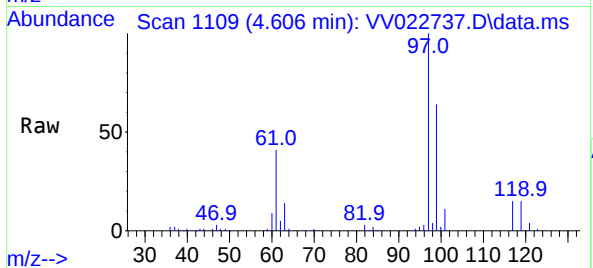
#29
1,1,1-Trichloroethane
Concen: 4.834 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

Tgt Ion: 97 Resp: 61951
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 42.6 33.2 49.8

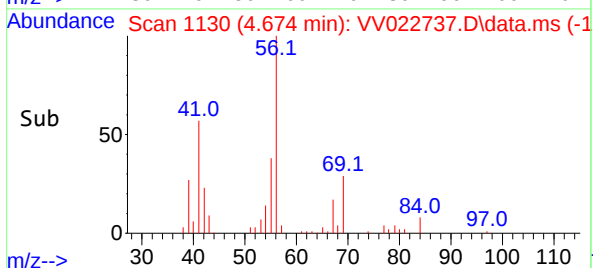
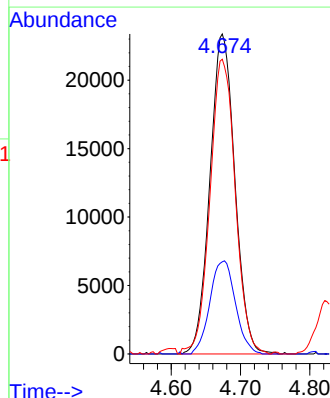
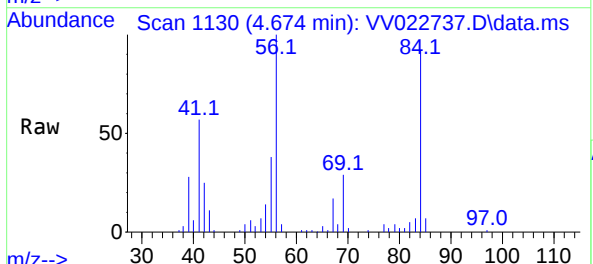
Manual Integrations
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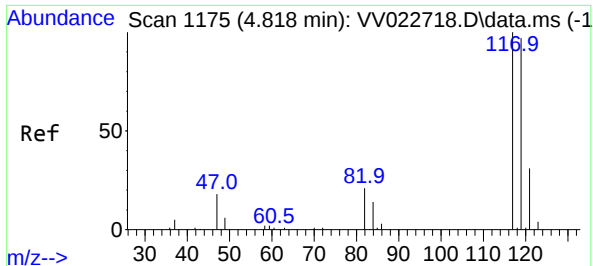
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#30
Cyclohexane
Concen: 4.940 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.010 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 56 Resp: 58411
Ion Ratio Lower Upper
56 100
69 29.8 24.9 37.3
84 93.5 72.5 108.7





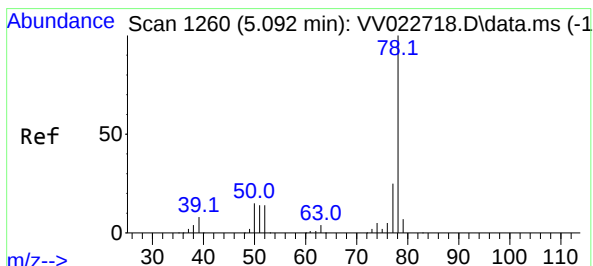
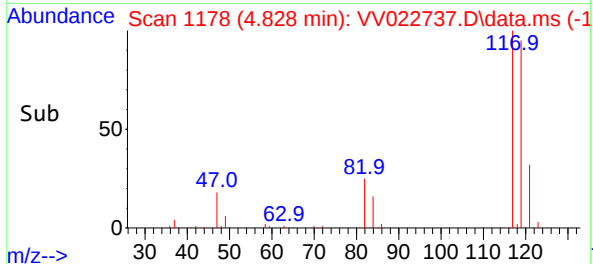
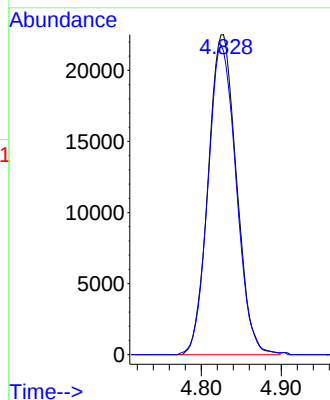
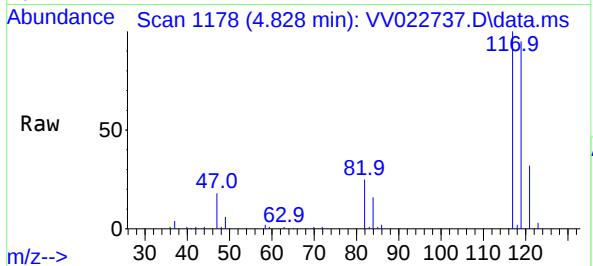
#31
Carbon tetrachloride
Concen: 4.963 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampled :
YATJ9MS

Tgt Ion:117 Resp: 55202
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0

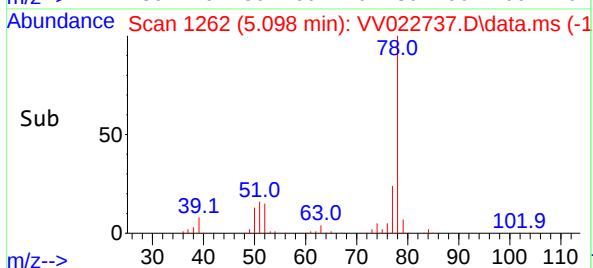
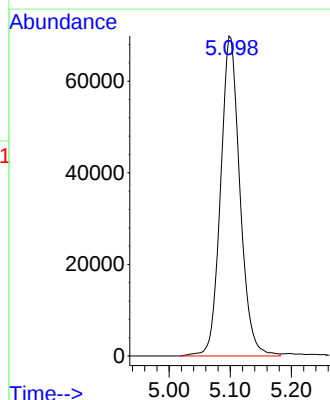
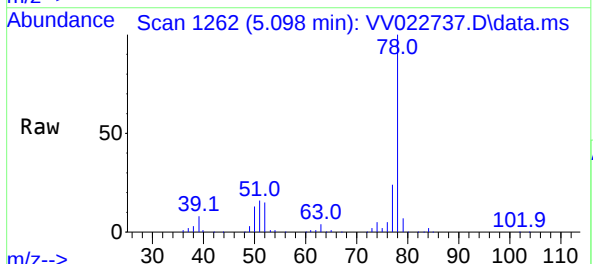
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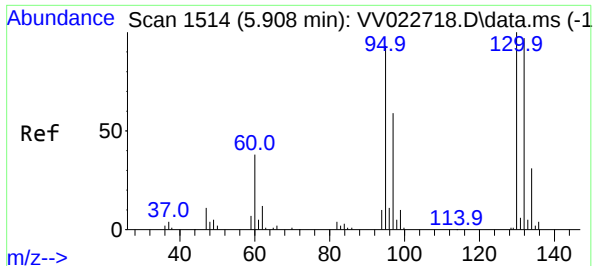
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#33
Benzene
Concen: 5.082 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 78 Resp: 153592





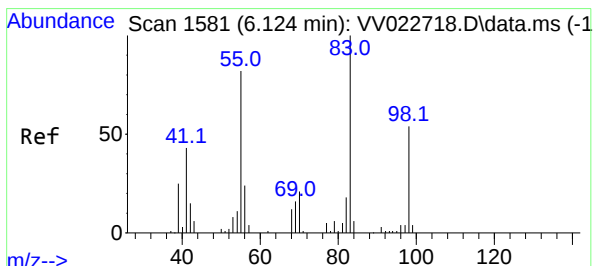
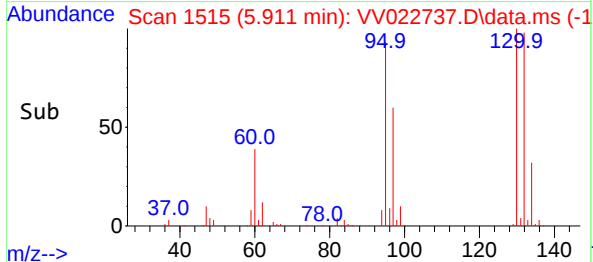
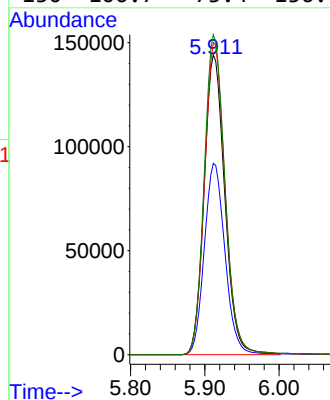
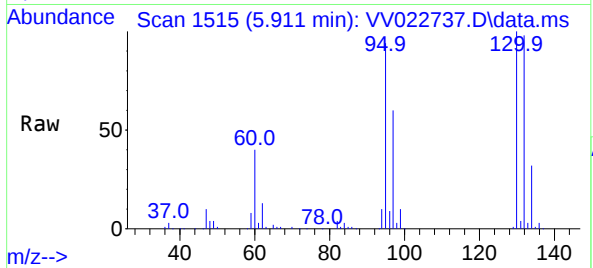
#34
Trichloroethene
Concen: 33.917 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 95 Resp: 278752
Ion Ratio Lower Upper
95 100
97 63.8 45.8 85.2
132 104.1 72.2 134.0
130 106.7 73.4 136.4

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

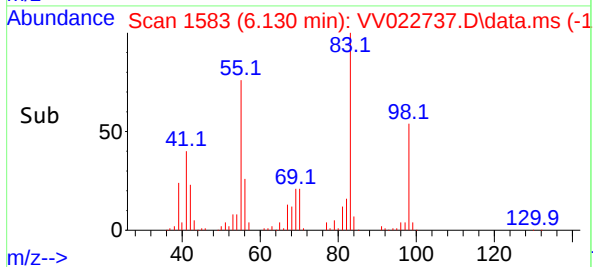
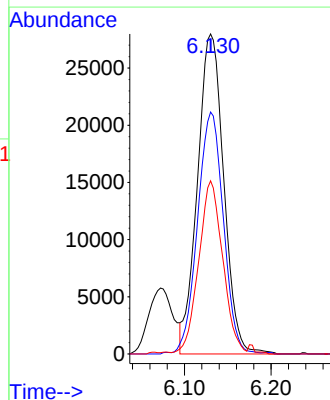
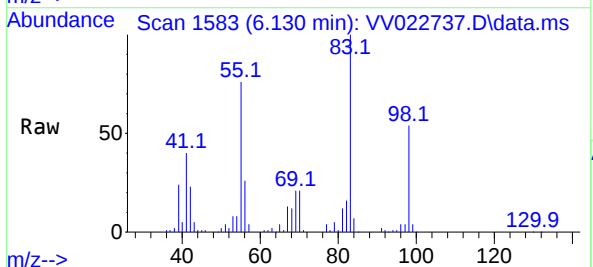
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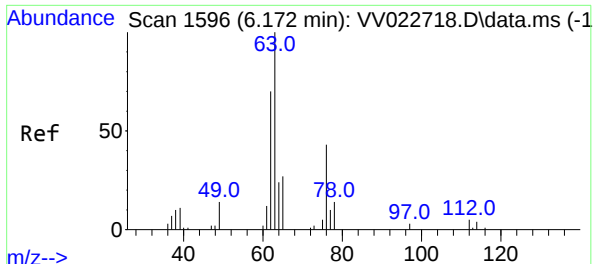
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#35
Methylcyclohexane
Concen: 5.126 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 83 Resp: 59023
Ion Ratio Lower Upper
83 100
55 74.3 63.8 95.6
98 48.9 42.1 63.1





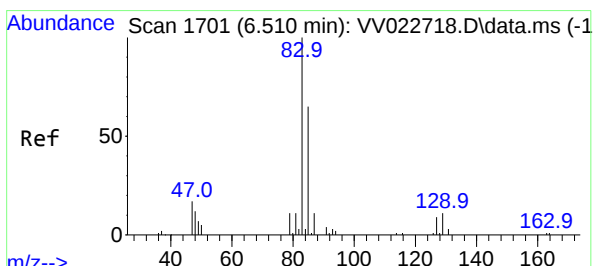
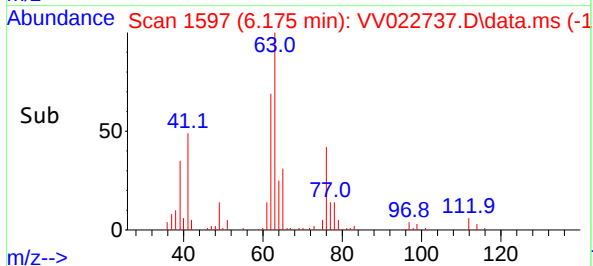
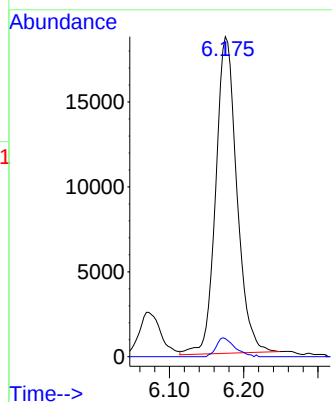
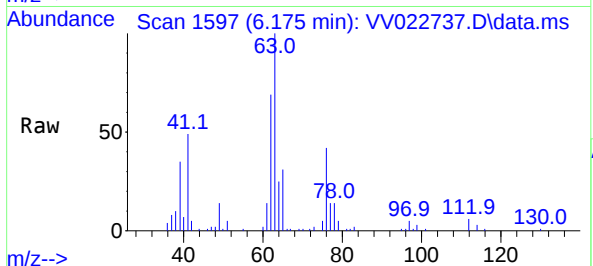
#37
1,2-Dichloropropane
Concen: 5.078 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 63 Resp: 36913
Ion Ratio Lower Upper
63 100
112 5.2 4.4 6.6

Instrument :
MSVOA_V
ClientSampled :
YATJ9MS

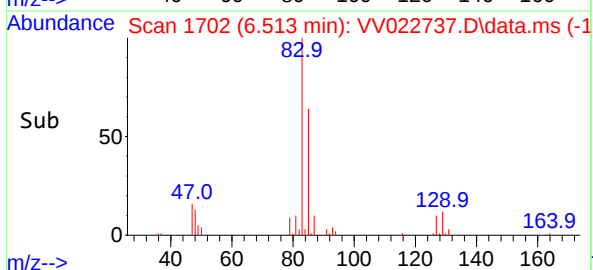
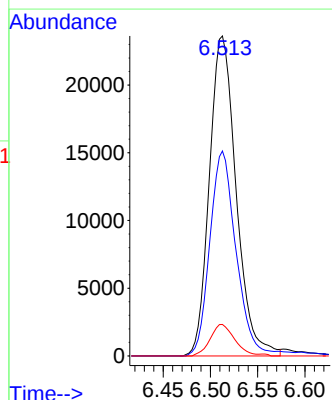
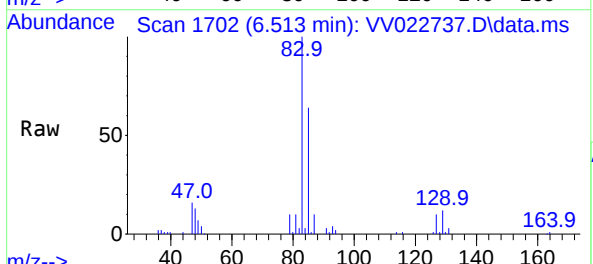
Manual Integrations
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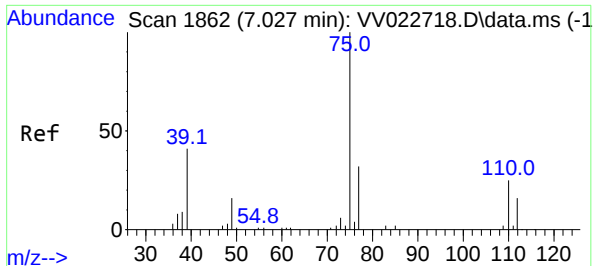
MMDadoda
10/13/2021 1:41:25 PM



#38
Bromodichloromethane
Concen: 5.201 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 83 Resp: 46582
Ion Ratio Lower Upper
83 100
85 64.0 44.3 82.3
127 9.8 7.7 11.5





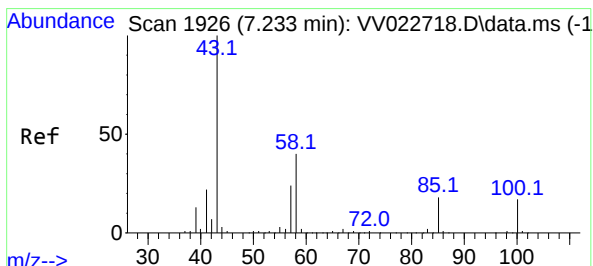
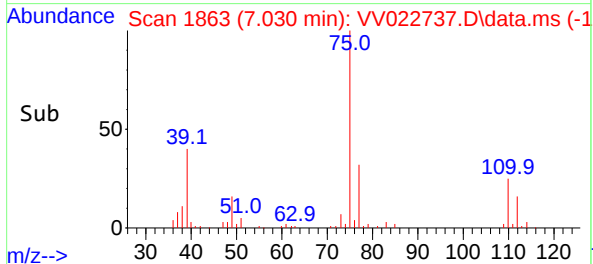
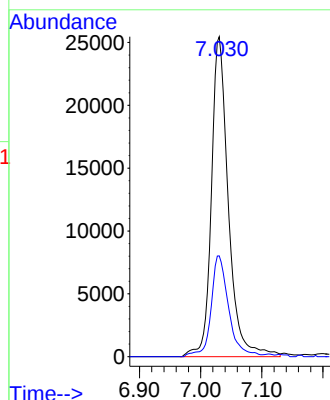
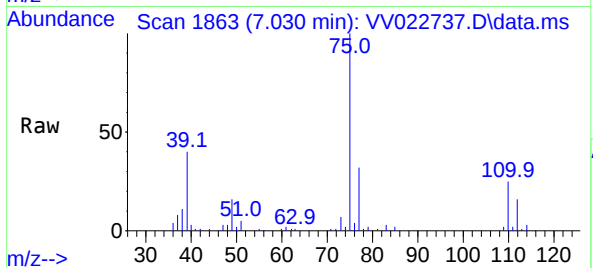
#39
cis-1,3-Dichloropropene
Concen: 5.111 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 75 Resp: 49176
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.3

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

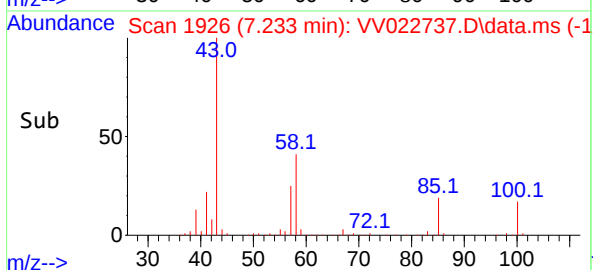
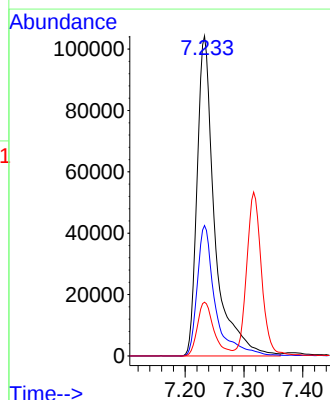
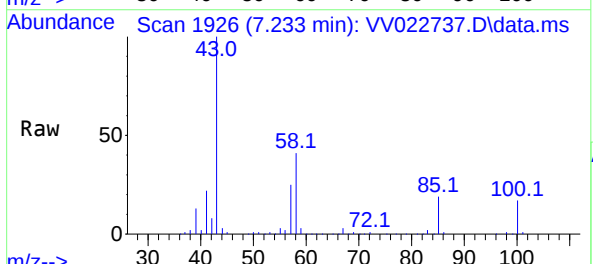
Manual Integrations
APPROVED

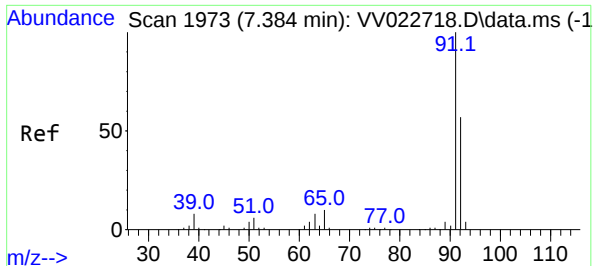
MMDadoda
10/13/2021 1:41:25 PM



#40
4-Methyl-2-pentanone
Concen: 55.721 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 43 Resp: 217625
Ion Ratio Lower Upper
43 100
58 41.7 32.0 48.0
100 16.0 14.2 21.2





#42

Toluene

Concen: 5.420 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV022737.D

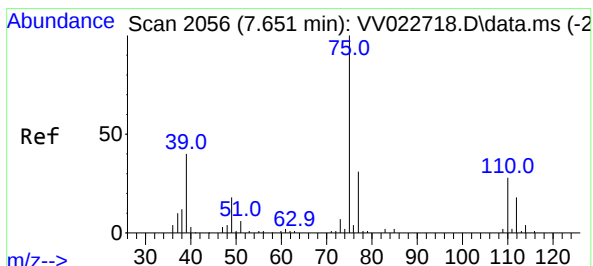
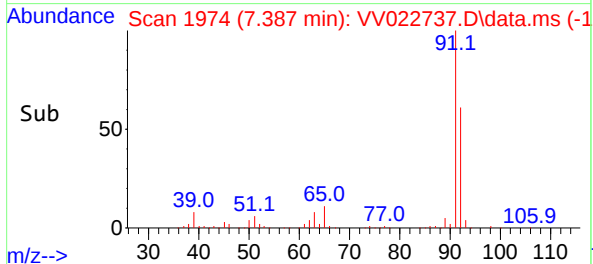
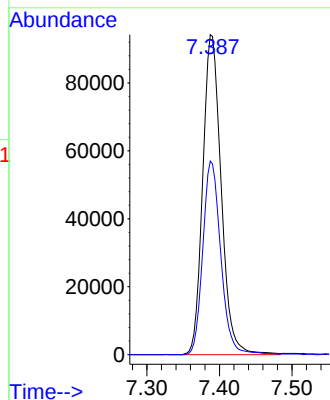
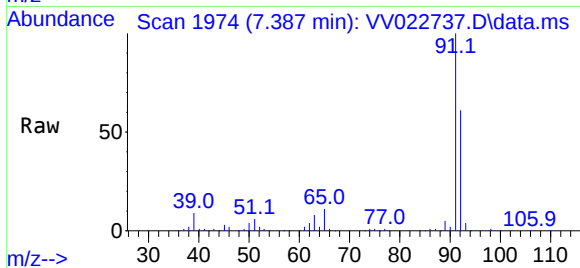
Acq: 11 Oct 2021 18:16

Tgt Ion: 91 Resp: 166301

Ion Ratio Lower Upper

91 100

92 60.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.277 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022737.D

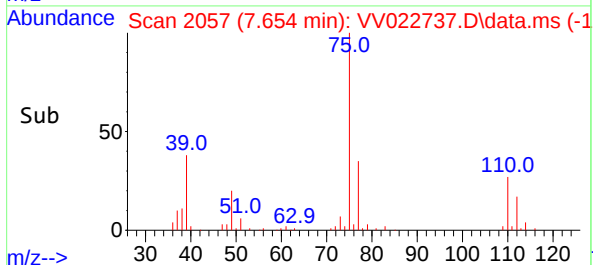
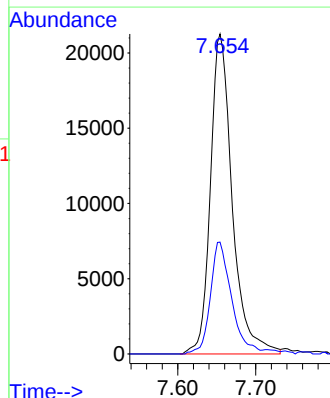
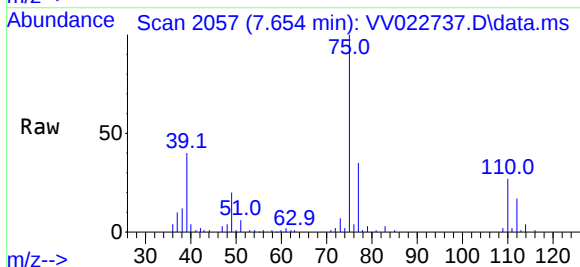
Acq: 11 Oct 2021 18:16

Tgt Ion: 75 Resp: 41399

Ion Ratio Lower Upper

75 100

77 34.9 23.9 44.5



Instrument :

MSVOA_V

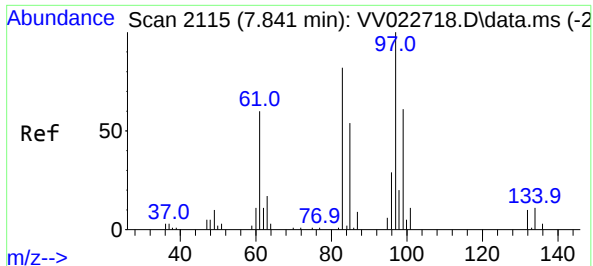
ClientSampleId :

YATJ9MS

Manual Integrations

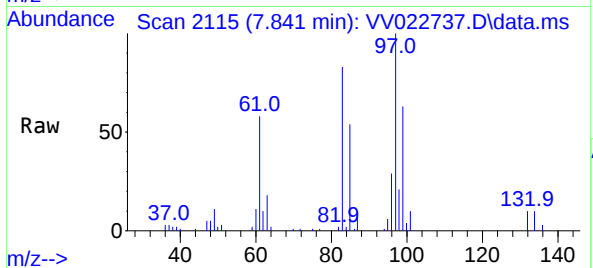
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#45
1,1,2-Trichloroethane
Concen: 5.296 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

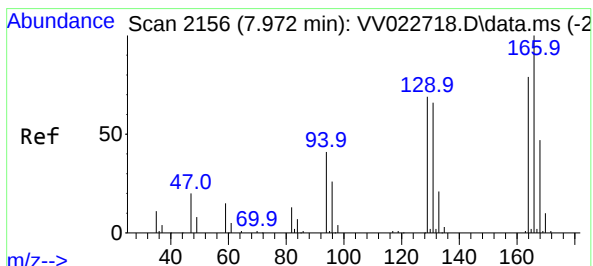
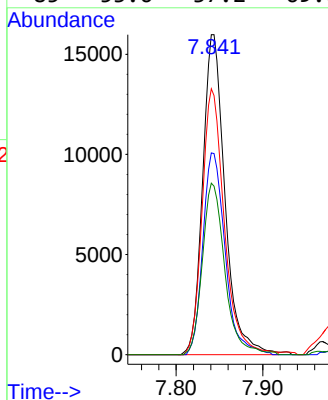
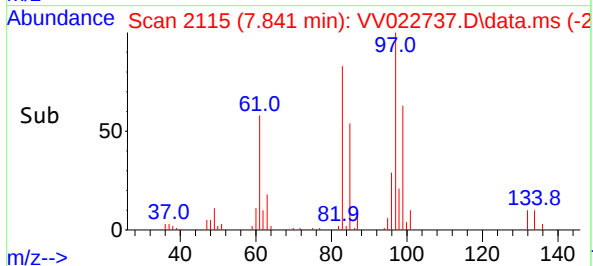


Tgt Ion: 97 Resp: 28568

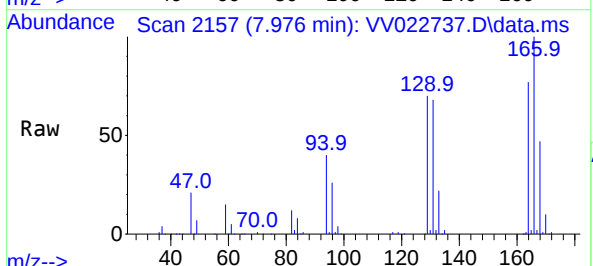
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.5	82.7
83	83.1	56.6	105.0
85	53.6	37.2	69.0

Manual Integrations
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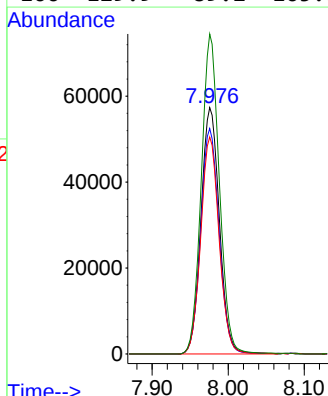
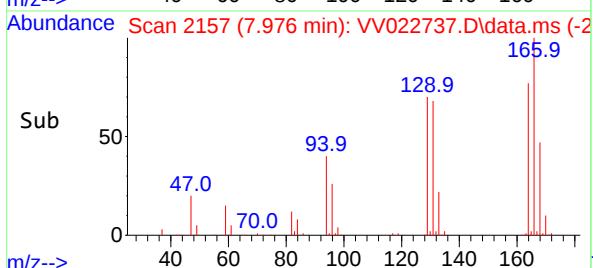


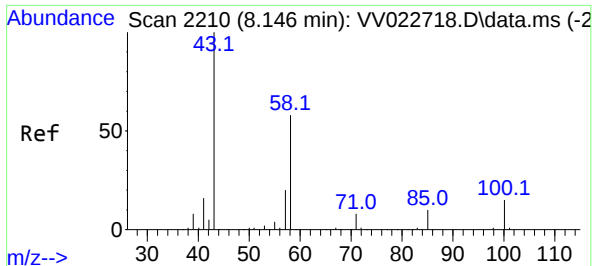
#47
Tetrachloroethene
Concen: 14.528 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



Tgt Ion: 164 Resp: 96566

Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.0	120.6
131	88.0	62.2	115.4
166	129.9	89.2	165.8





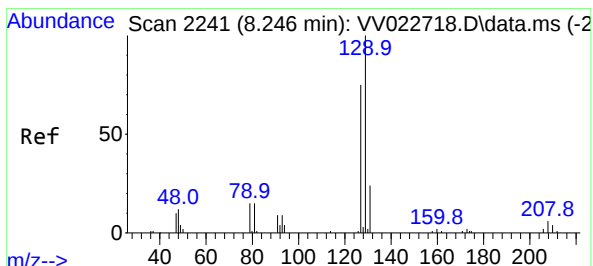
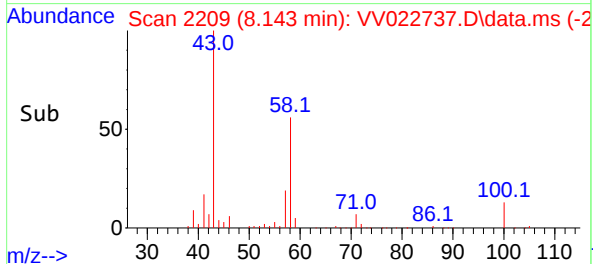
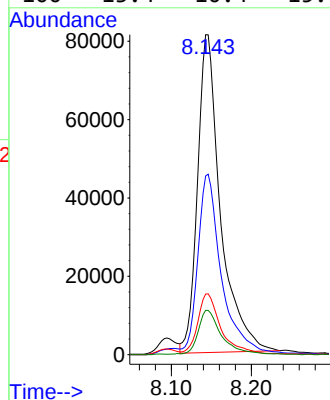
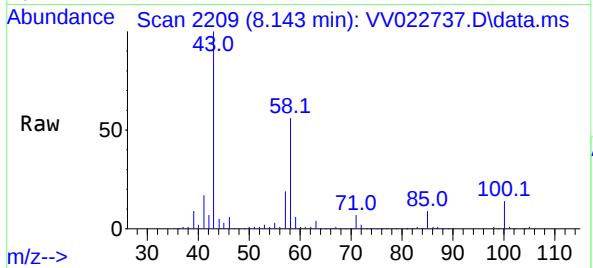
#48
2-Hexanone
Concen: 56.962 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 43 Resp: 162667
Ion Ratio Lower Upper
43 100
58 57.5 47.4 71.0
57 19.7 15.3 22.9
100 13.4 10.4 15.6

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

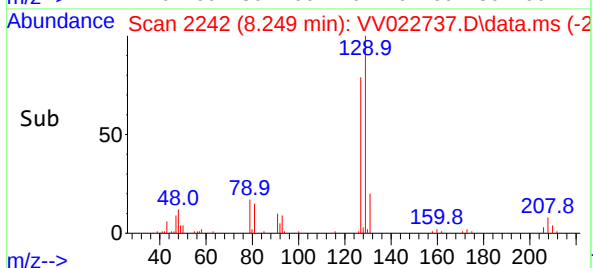
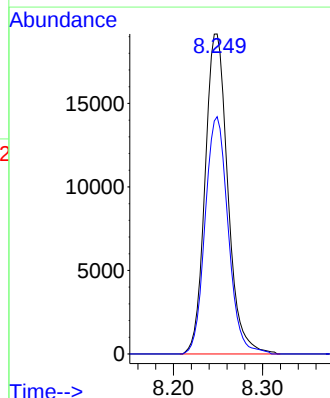
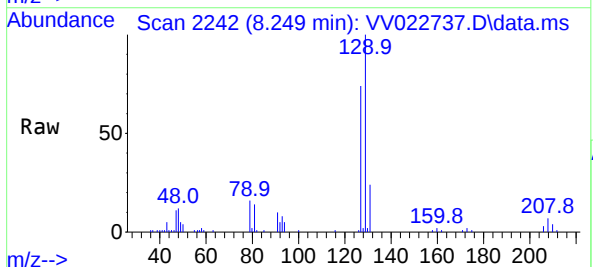
Manual Integrations
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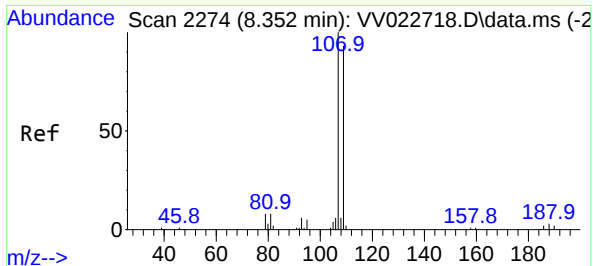
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#49
Dibromochloromethane
Concen: 5.373 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

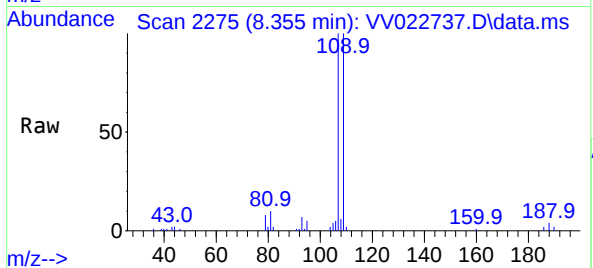
Tgt Ion: 129 Resp: 33924
Ion Ratio Lower Upper
129 100
127 74.1 59.1 109.9





#50
1,2-Dibromoethane
Concen: 5.294 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

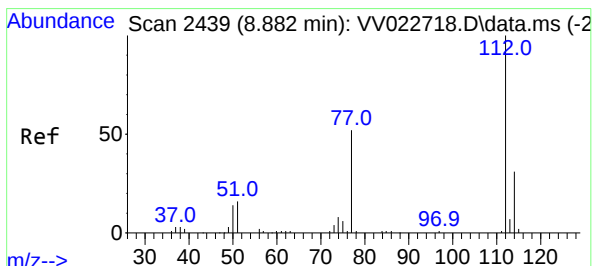
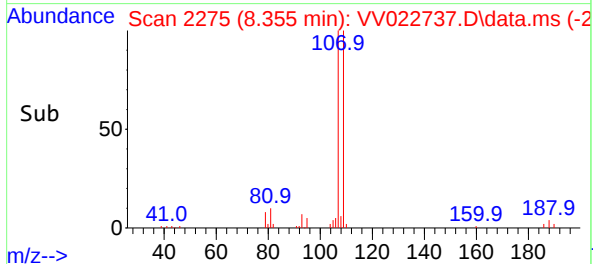
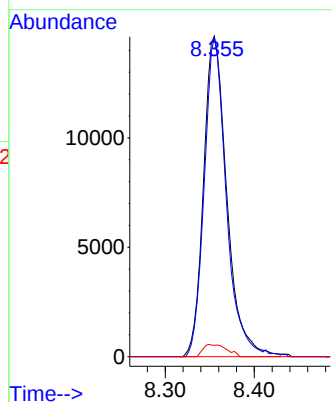
Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS



Tgt Ion:107 Resp: 26664
Ion Ratio Lower Upper
107 100
109 100.0 67.1 124.5
188 3.6 3.4 5.0

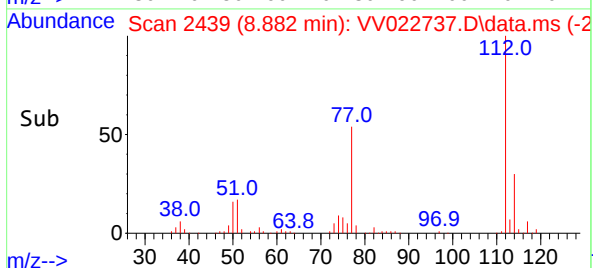
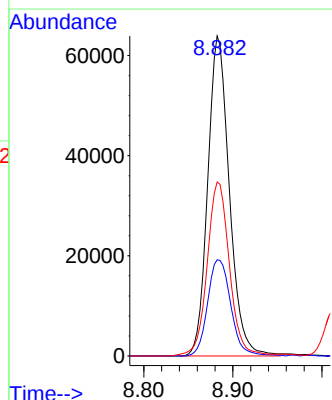
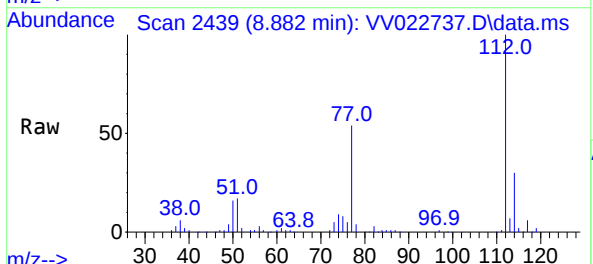
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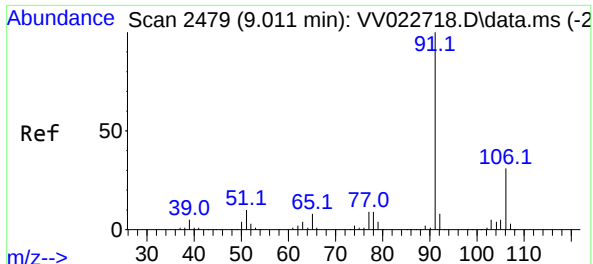
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10/13/2021 1:41:25 PM



#51
Chlorobenzene
Concen: 5.349 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:112 Resp: 107843
Ion Ratio Lower Upper
112 100
114 30.0 21.6 40.2
77 54.3 43.7 65.5





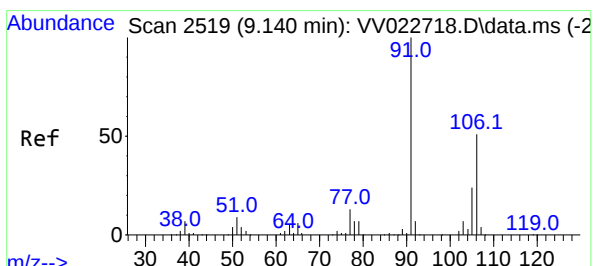
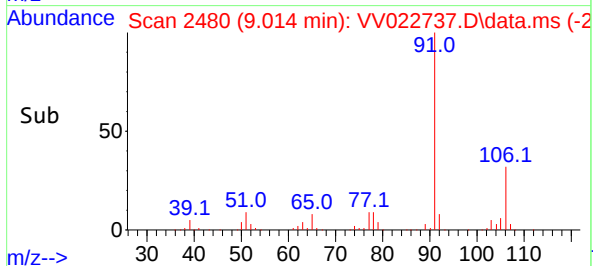
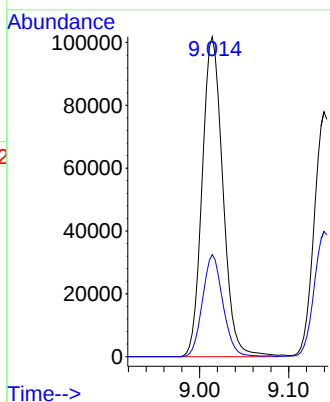
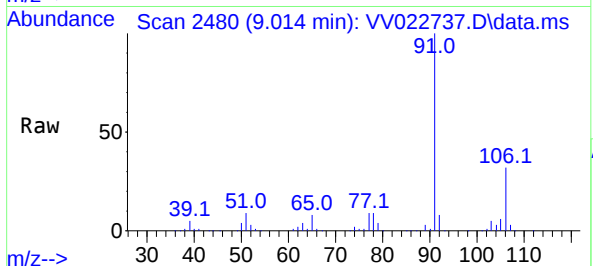
#52
Ethylbenzene
Concen: 5.265 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampled :
YATJ9MS

Tgt Ion: 91 Resp: 164016
Ion Ratio Lower Upper
91 100
106 31.9 21.6 40.2

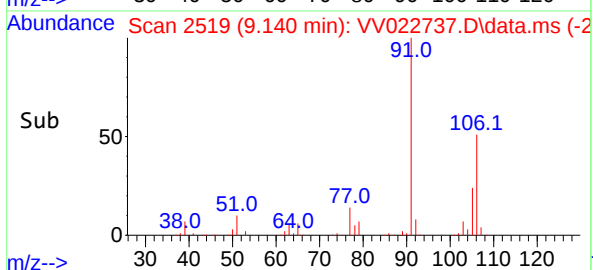
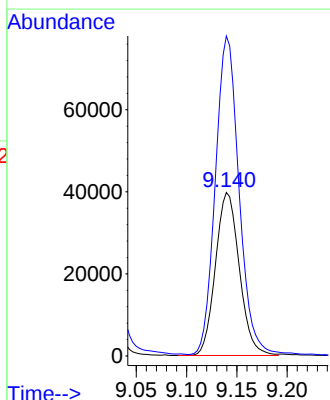
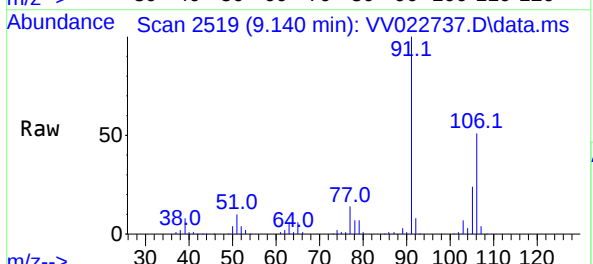
Manual Integrations
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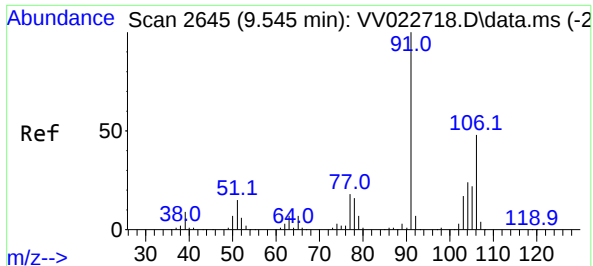
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10/13/2021 1:41:25 PM



#53
m,p-xylene
Concen: 5.370 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion: 106 Resp: 65645
Ion Ratio Lower Upper
106 100
91 195.7 138.7 257.5





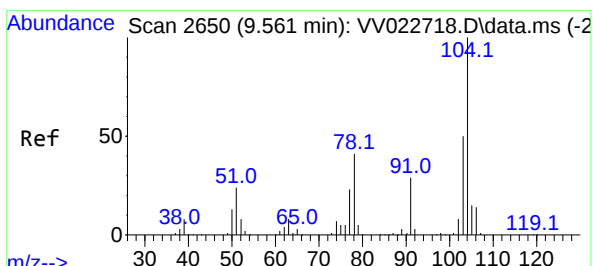
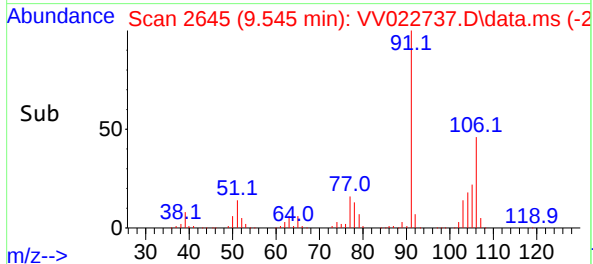
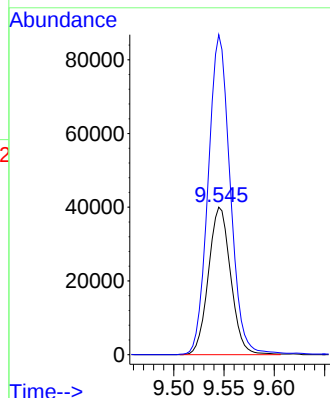
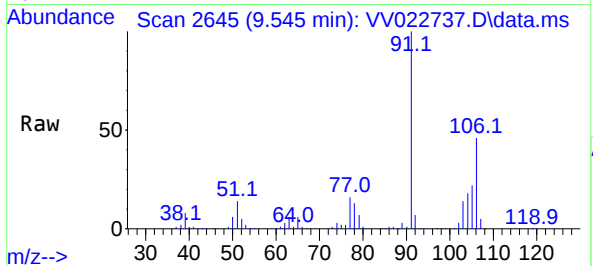
#54
o-xylene
Concen: 5.353 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

Tgt Ion:106 Resp: 61568
Ion Ratio Lower Upper
106 100
91 216.9 151.1 280.7

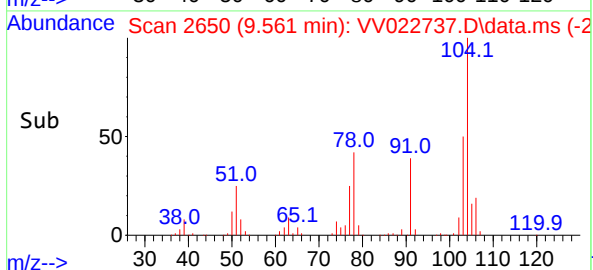
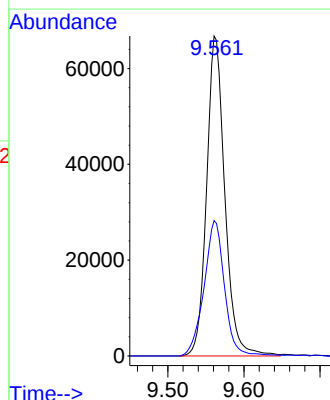
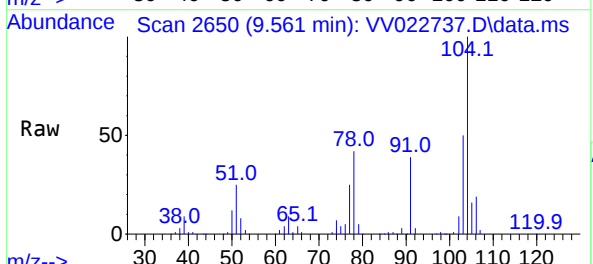
Manual Integrations
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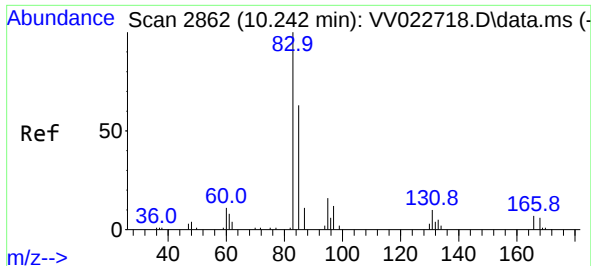
MMDadoda
10/13/2021 1:41:25 PM



#55
Styrene
Concen: 5.621 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:104 Resp: 111395
Ion Ratio Lower Upper
104 100
78 42.3 29.5 54.7





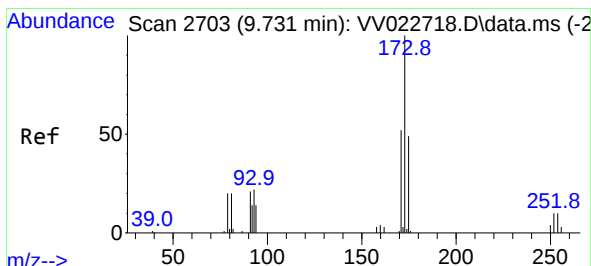
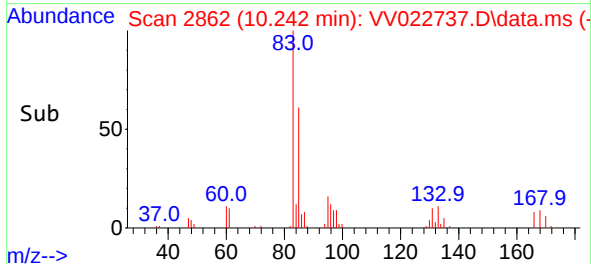
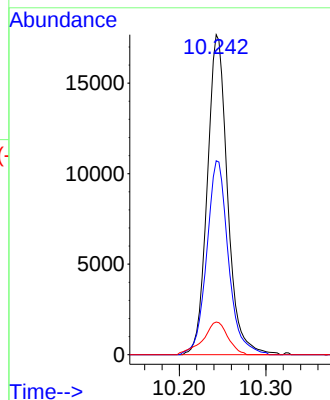
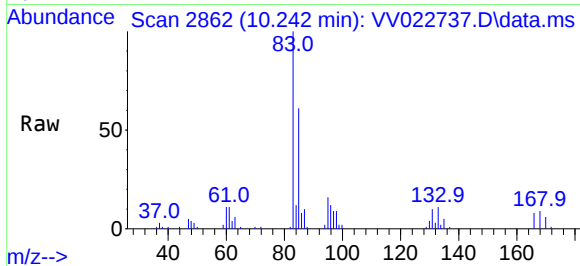
#57
1,1,2,2-Tetrachloroethane
Concen: 5.269 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	83	Resp:	28753
Ion	Ratio	Lower	Upper
83	100		
85	60.6	46.0	85.4
131	10.2	8.4	12.6

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

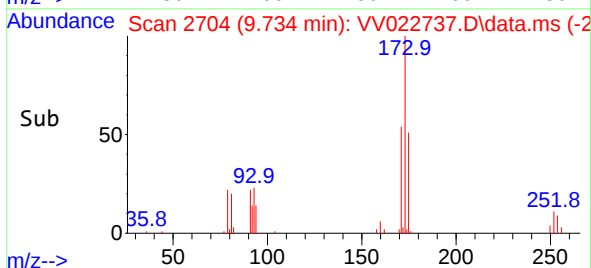
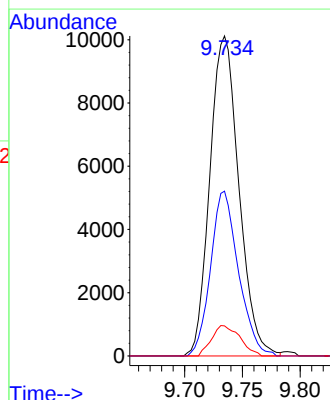
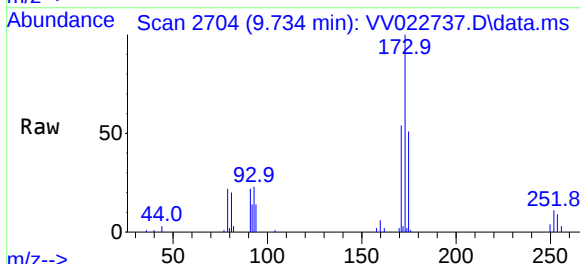
Manual Integrations
APPROVED

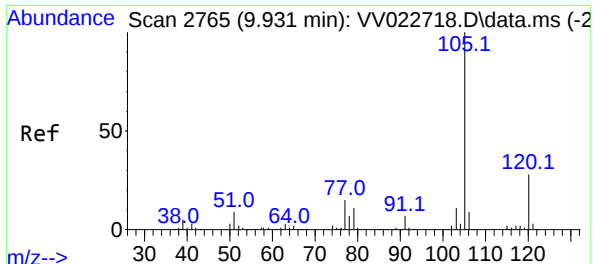
MMDadoda
10/13/2021 1:41:25 PM



#59
Bromoform
Concen: 4.934 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	173	Resp:	17724
Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.3	57.5
254	9.2	7.1	10.7





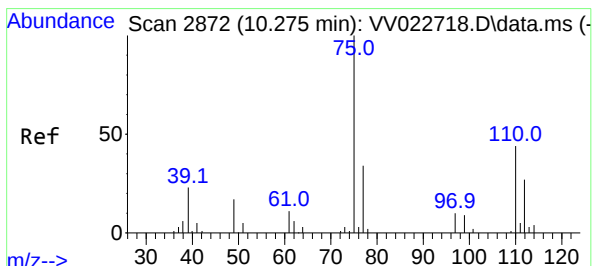
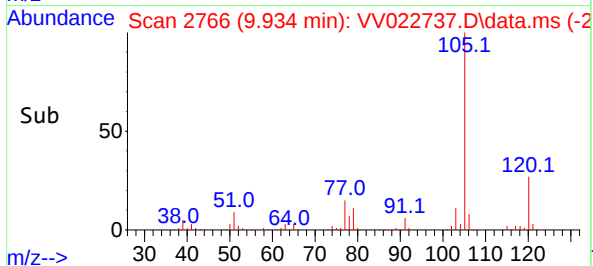
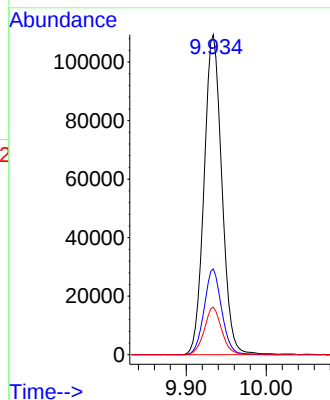
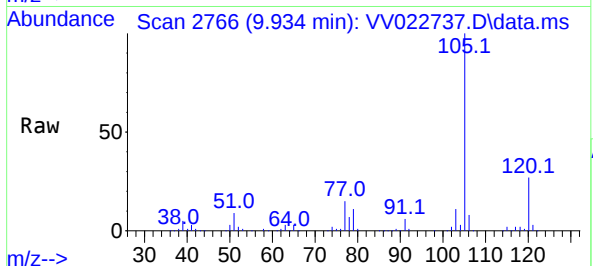
#60
Isopropylbenzene
Concen: 5.200 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	105	Resp:	169395
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.8	32.8
77	14.6	12.5	18.7

Instrument :
MSVOA_V
ClientSampled :
YATJ9MS

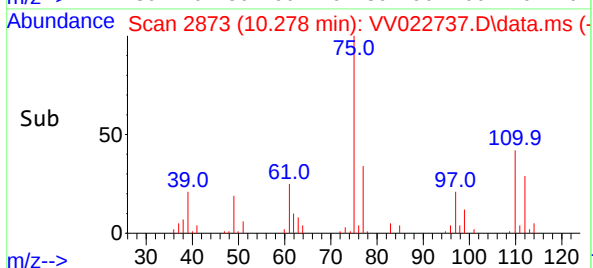
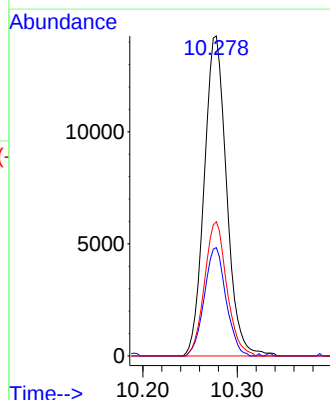
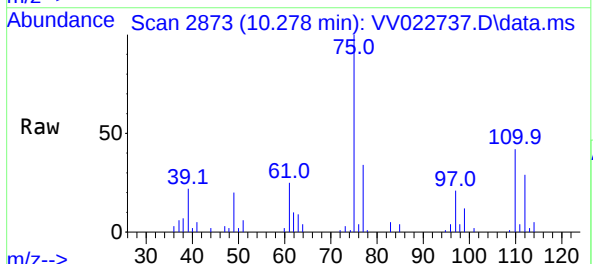
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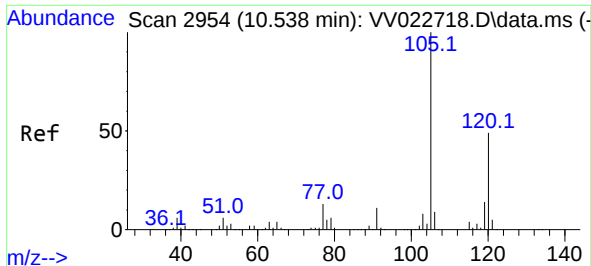
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#61
1,2,3-Trichloropropane
Concen: 5.277 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:	75	Resp:	23513
Ion Ratio	Lower	Upper	
75	100		
77	32.8	25.4	38.2
110	41.6	34.2	51.4





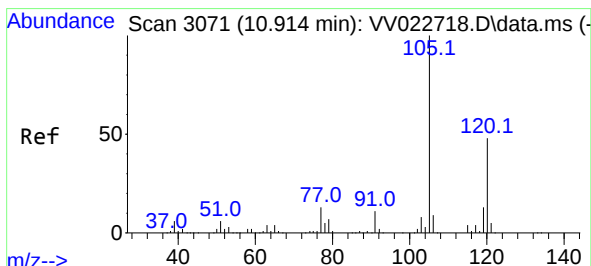
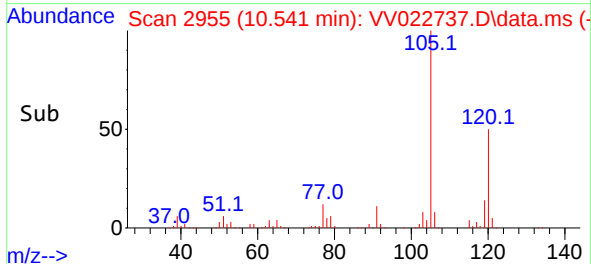
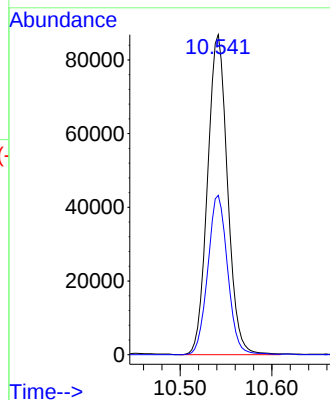
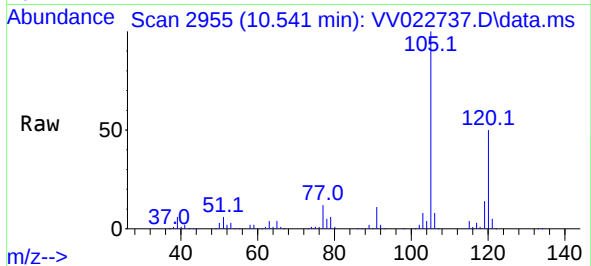
#62
1,3,5-Trimethylbenzene
Concen: 4.994 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:105 Resp: 131450
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.2

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

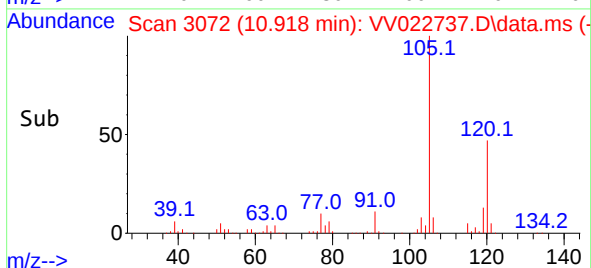
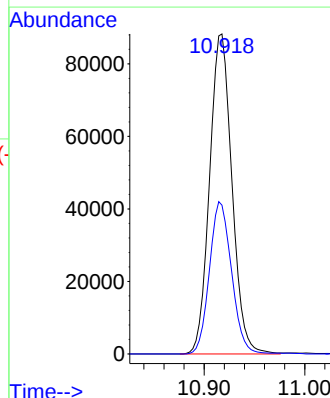
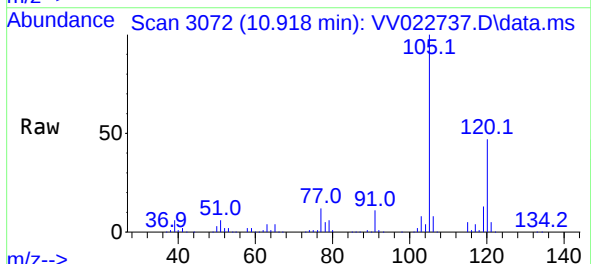
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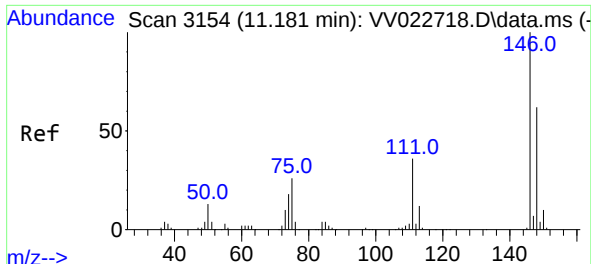
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#63
1,2,4-Trimethylbenzene
Concen: 5.176 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:105 Resp: 136316
Ion Ratio Lower Upper
105 100
120 47.2 37.3 55.9





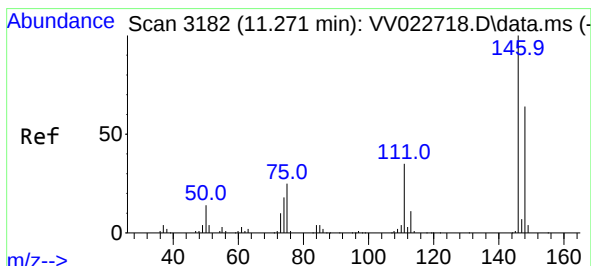
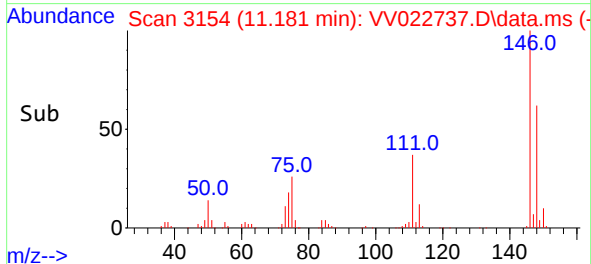
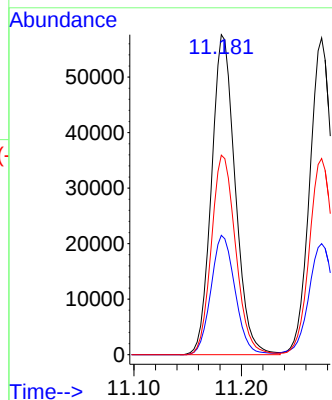
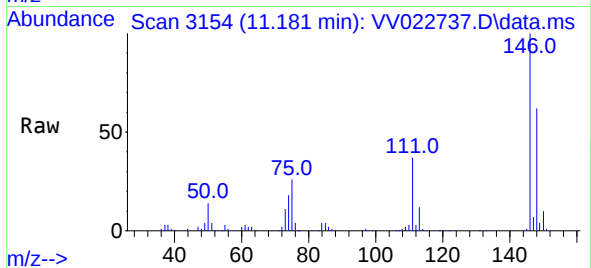
#64
1,3-Dichlorobenzene
Concen: 5.162 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:146 Resp: 88253
Ion Ratio Lower Upper
146 100
111 37.3 26.7 49.5
148 62.3 45.1 83.9

Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

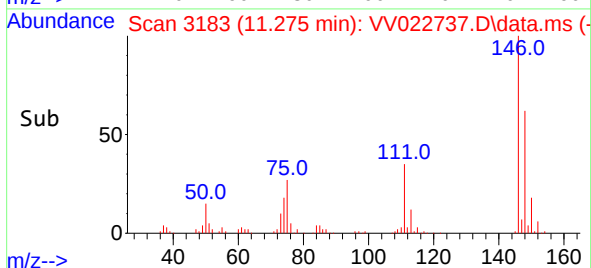
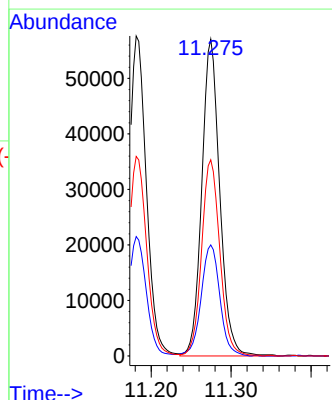
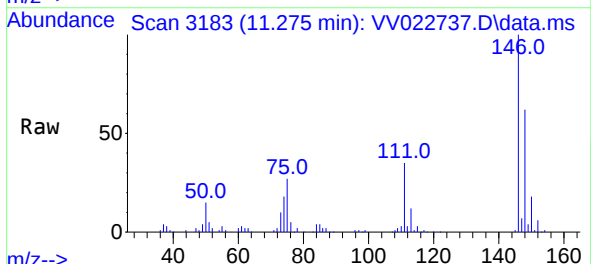
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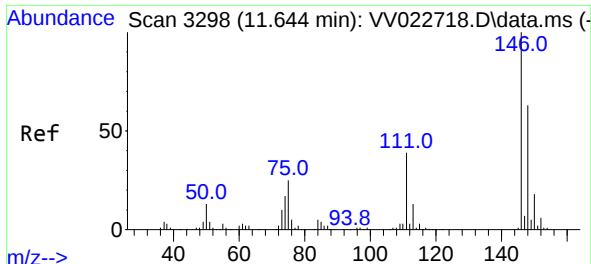
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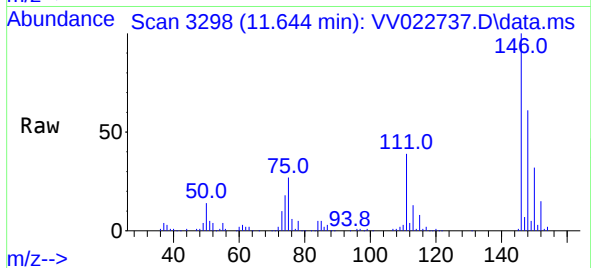
#65
1,4-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

Tgt Ion:146 Resp: 89331
Ion Ratio Lower Upper
146 100
111 35.0 25.6 47.4
148 61.9 44.9 83.5

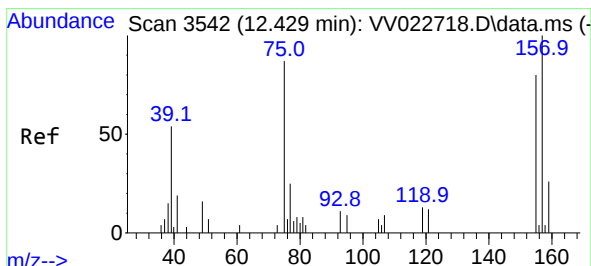
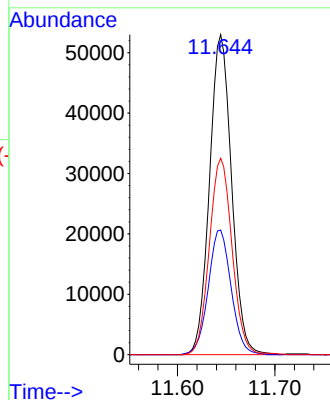
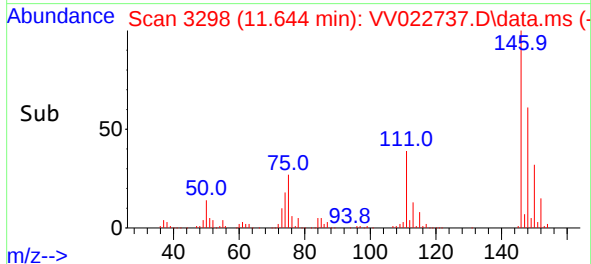




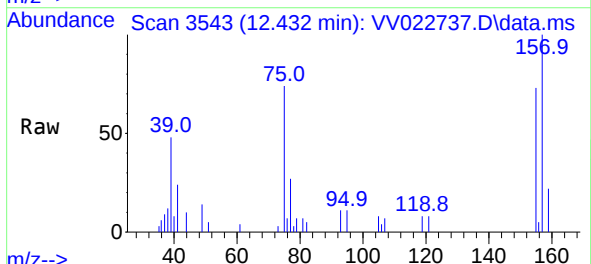
#67
1,2-Dichlorobenzene
Concen: 5.204 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



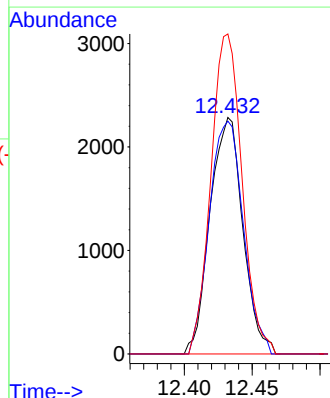
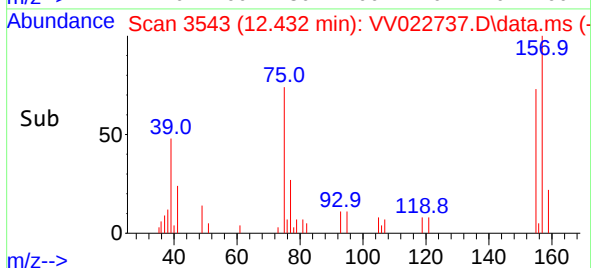
Tgt Ion:146 Resp: 83453
Ion Ratio Lower Upper
146 100
111 38.9 32.3 48.5
148 61.4 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.747 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



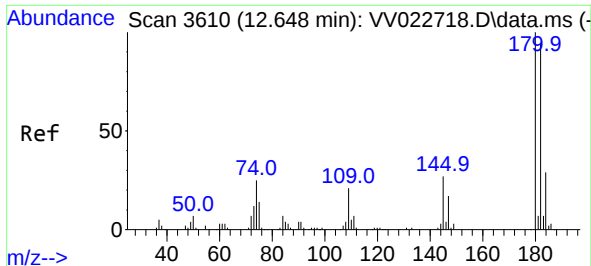
Tgt Ion: 75 Resp: 3850
Ion Ratio Lower Upper
75 100
155 98.5 82.4 123.6
157 135.3 114.1 171.1



Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

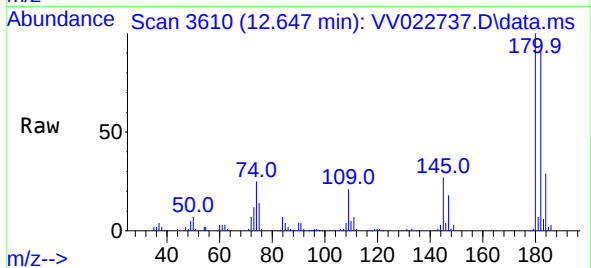
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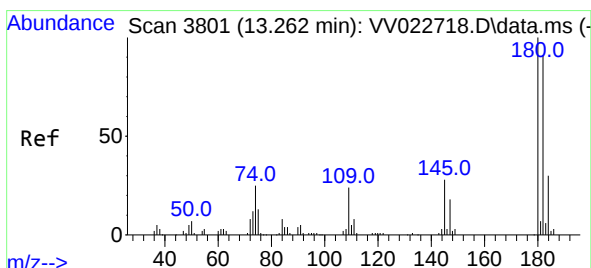
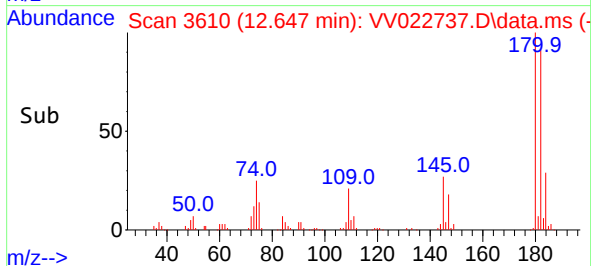
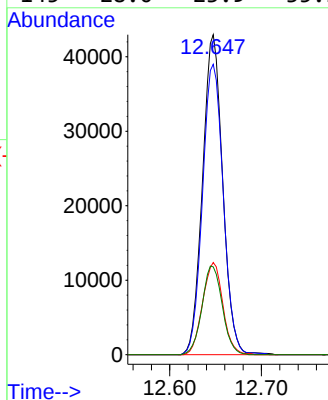


#69
1,3,5-Trichlorobenzene
Concen: 5.097 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

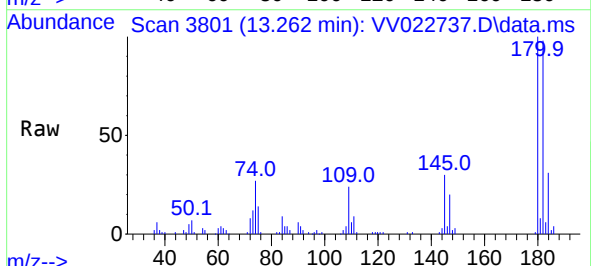
Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS



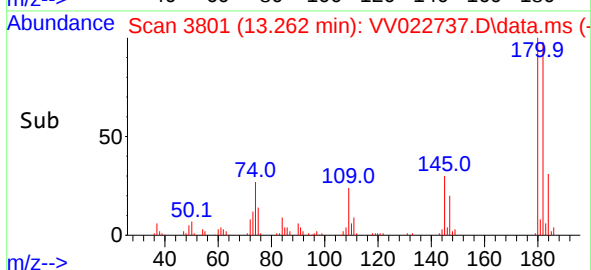
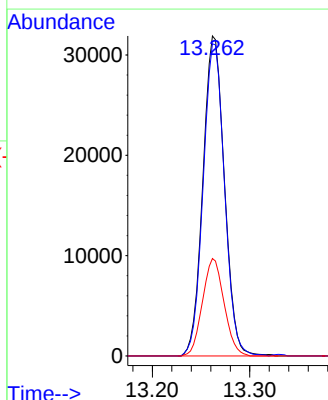
Tgt Ion:180 Resp: 65645
Ion Ratio Lower Upper
180 100
182 93.5 77.0 115.6
184 29.0 24.5 36.7
145 28.0 23.9 35.9

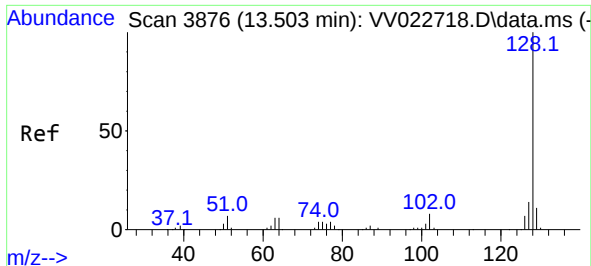


#70
1,2,4-trichlorobenzene
Concen: 4.961 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16

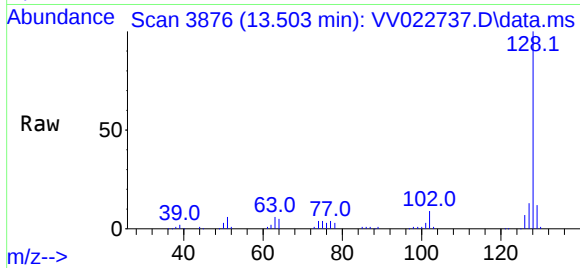


Tgt Ion:180 Resp: 48812
Ion Ratio Lower Upper
180 100
182 96.8 76.0 114.0
145 30.5 24.1 36.1

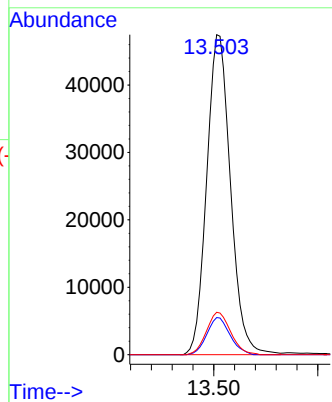
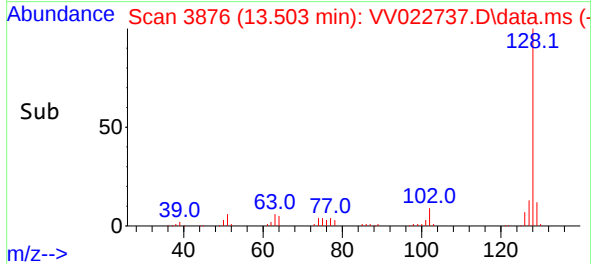




#71
Naphthalene
Concen: 4.812 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



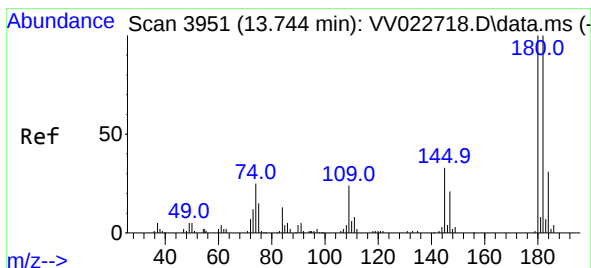
Tgt Ion:128 Resp: 75249
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.8 16.2



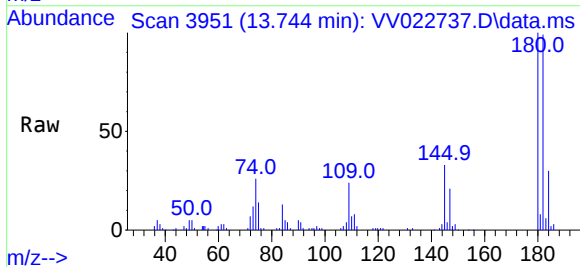
Instrument :
MSVOA_V
ClientSampleId :
YATJ9MS

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#72
1,2,3-Trichlorobenzene
Concen: 5.025 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022737.D
Acq: 11 Oct 2021 18:16



Tgt Ion:180 Resp: 46618
Ion Ratio Lower Upper
180 100
182 96.4 75.5 113.3
145 32.5 24.7 37.1

