

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024868.D
 Acq On : 22 Oct 2021 13:51
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:17:30 AM

Quant Time: Oct 23 04:47:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	69435	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	64647	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10785	5.291	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.672	69	9936	5.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.313	63	26400	3.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.483	46	40685	54.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.180%
24) Chloroform-d	5.068	84	50153	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.964	65	27091	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.983	84	81671	5.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	7.318	67	24258	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	8.653	98	81430	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	8.952	79	11071	5.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	9.391	63	40102	50.516	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.040%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18911	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	29258	5.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1608	0.202	ug/L	92
3) Chloromethane	1.288	50	620	0.223	ug/L #	58
5) Vinyl chloride	1.374	62	737	0.217	ug/L #	18
6) Bromomethane	1.618	94	740	0.279	ug/L	77
8) Chloroethane	1.697	64	624	0.306	ug/L	98
9) Trichlorofluoromethane	1.886	101	2063	0.204	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	1435	0.270	ug/L	93
12) 1,1-Dichloroethene	2.319	96	1206	0.283	ug/L #	1
13) Acetone	2.416	43	1451	2.596	ug/L	98
14) Carbon disulfide	2.514	76	3067	0.264	ug/L	96
16) Methylene chloride	2.794	84	4504	0.910	ug/L	87
17) Methyl tert-butyl Ether	3.123	73	2838	0.232	ug/L	96
18) trans-1,2-Dichloroethene	3.099	96	987	0.199	ug/L	98
19) 1,1-Dichloroethane	3.617	63	1586	0.183	ug/L #	82
21) 2-Butanone	4.580	43	1963	2.387	ug/L	70
22) cis-1,2-Dichloroethene	4.507	96	1269	0.238	ug/L #	54
23) Bromochloromethane	4.910	128	548	0.228	ug/L	91
25) Chloroform	5.117	83	3643m	0.323	ug/L	
27) 1,2-Dichloroethane	6.092	62	1760	0.254	ug/L #	85

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

29) 1,1,1-Trichloroethane	5.385	97	2442	0.218	ug/L #	72
30) Cyclohexane	5.471	56	1455	0.209	ug/L #	54
31) Carbon tetrachloride	5.678	117	2217	0.230	ug/L	94
33) Benzene	6.050	78	4087	0.216	ug/L	100
34) Trichloroethene	7.129	95	1218	0.198	ug/L #	76
35) Methylcyclohexane	7.373	83	1959	0.228	ug/L #	80
37) 1,2-Dichloropropane	7.434	63	1177	0.255	ug/L #	93
38) Bromodichloromethane	7.830	83	1908	0.248	ug/L #	74
39) cis-1,3-Dichloropropene	8.372	75	1667	0.214	ug/L	87
40) 4-Methyl-2-pentanone	8.580	43	4170	2.028	ug/L #	82
42) Toluene	8.720	91	5983	0.271	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	1794m	0.254	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	704	0.190	ug/L	92
47) Tetrachloroethene	9.275	164	977	0.227	ug/L	79
48) 2-Hexanone	9.439	43	3305	2.201	ug/L	95
49) Dibromochloromethane	9.525	129	1157	0.238	ug/L	84
50) 1,2-Dibromoethane	9.616	107	785	0.211	ug/L #	95
51) Chlorobenzene	10.086	112	3210	0.229	ug/L #	85
52) Ethylbenzene	10.201	91	5499	0.211	ug/L	85
53) m,p-xylene	10.305	106	2160	0.234	ug/L	91
54) o-xylene	10.646	106	1824	0.202	ug/L	68
55) Styrene	10.659	104	2666	0.176	ug/L #	56
57) 1,1,2,2-Tetrachloroethane	11.213	83	1062	0.248	ug/L #	93
59) Bromoform	10.799	173	568	0.258	ug/L #	74
60) Isopropylbenzene	10.963	105	5403	0.214	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	758	0.245	ug/L	90
62) 1,3,5-Trimethylbenzene	11.457	105	4664	0.212	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	4760	0.211	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	2402	0.229	ug/L #	71
65) 1,4-Dichlorobenzene	12.049	146	2492	0.237	ug/L	91
67) 1,2-Dichlorobenzene	12.335	146	2731	0.283	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.945	75	157	0.208	ug/L #	59
69) 1,3,5-Trichlorobenzene	13.116	180	1842	0.230	ug/L	95
70) 1,2,4-trichlorobenzene	13.597	180	1331	0.210	ug/L	96
71) Naphthalene	13.774	128	1613	0.142	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.969	180	1100	0.193	ug/L #	88

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

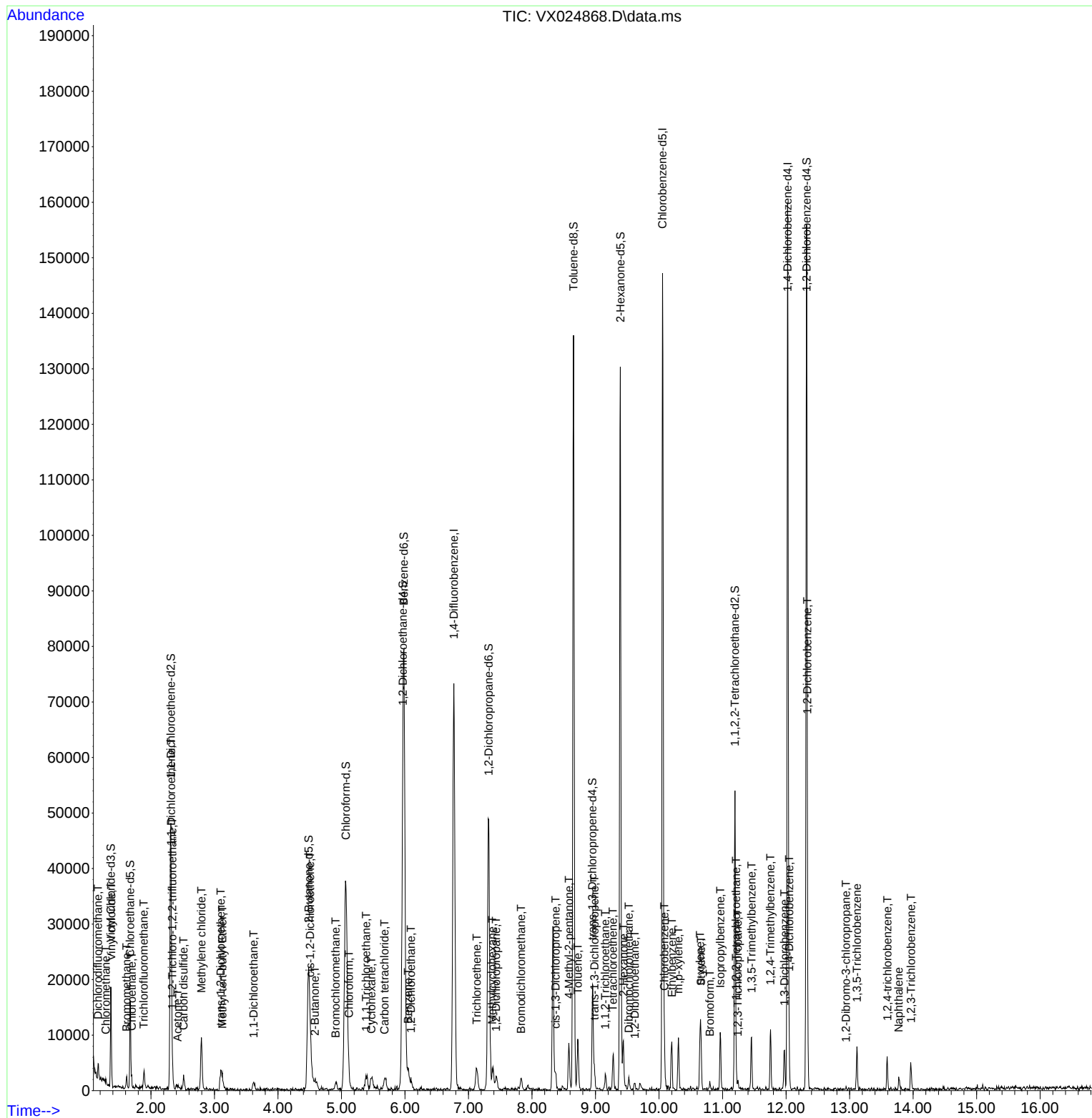
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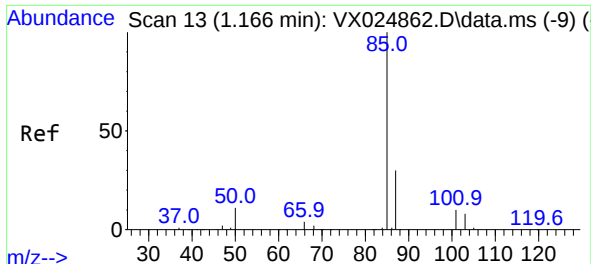
Instrument :
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 ClientSampleId :
 MDL01

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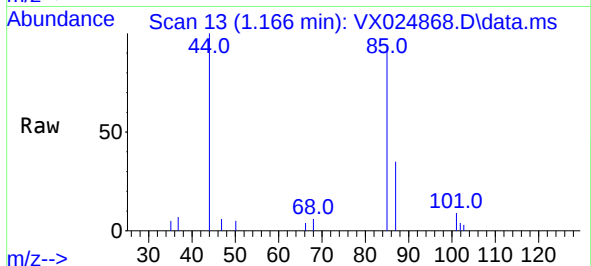
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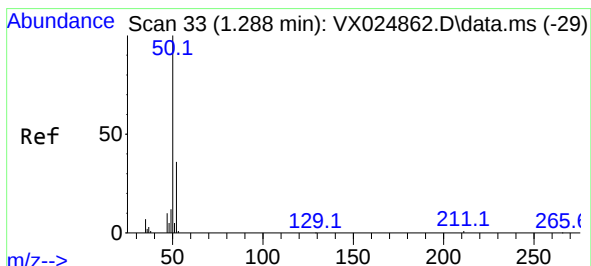
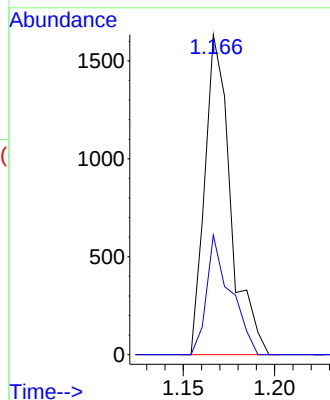
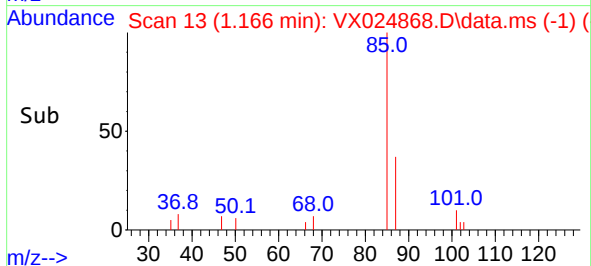




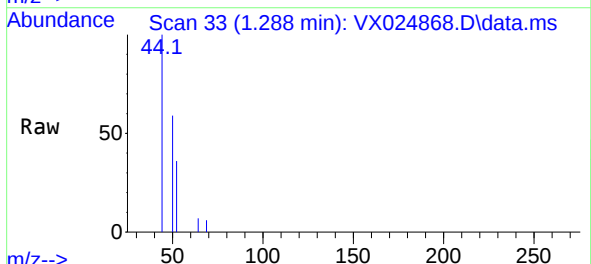
#2
Dichlorodifluoromethane
Concen: 0.202 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



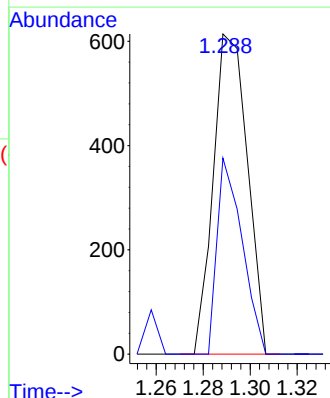
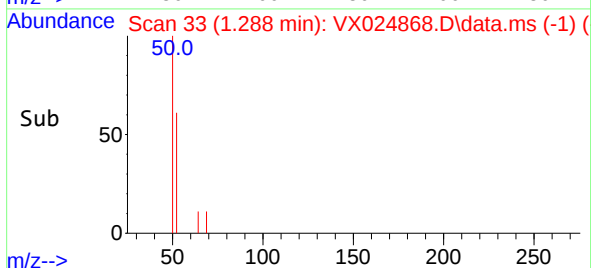
Tgt Ion: 85 Resp: 1608
Ion Ratio Lower Upper
85 100
87 34.6 24.1 36.1



#3
Chloromethane
Concen: 0.223 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



Tgt Ion: 50 Resp: 620
Ion Ratio Lower Upper
50 100
52 61.2 25.5 47.3#

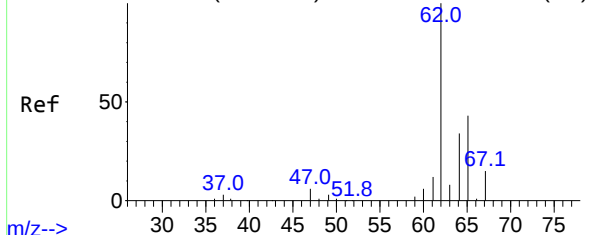


Instrument :
MSVOA_X
ClientSampled :
MDL01

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Abundance Scan 47 (1.374 min): VX024862.D\data.ms (-42)



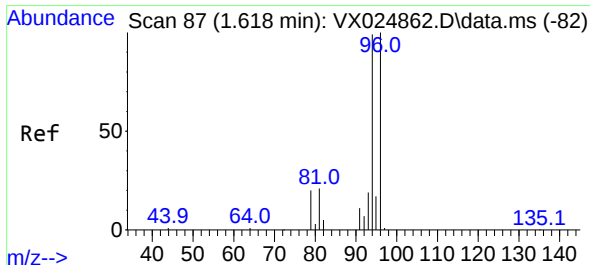
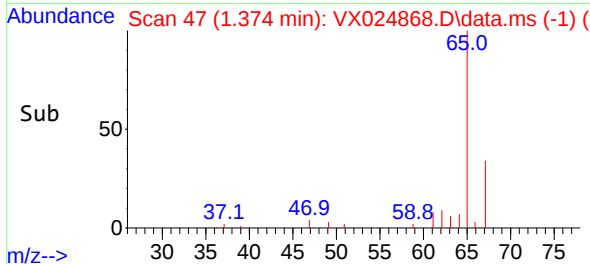
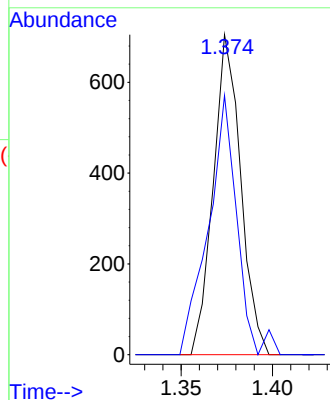
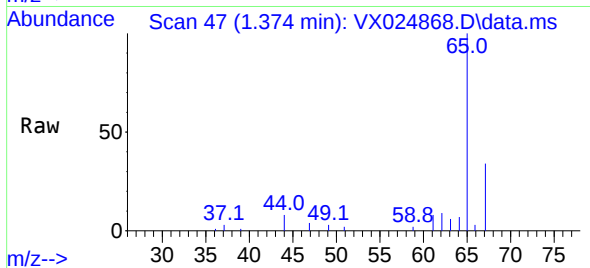
#5
Vinyl chloride
Concen: 0.217 ug/L
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 62 Resp: 737
Ion Ratio Lower Upper
62 100
64 81.0 23.7 44.1#

Instrument :
MSVOA_X
ClientSampled :
MDL01

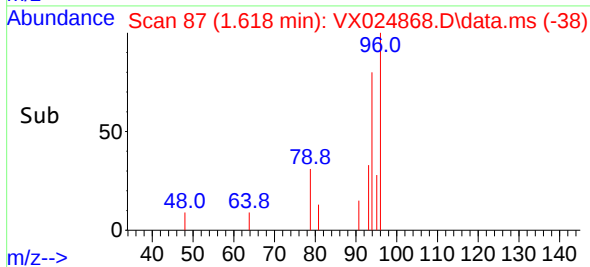
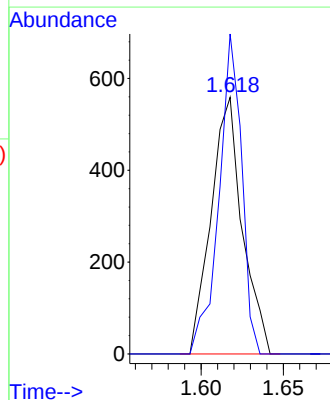
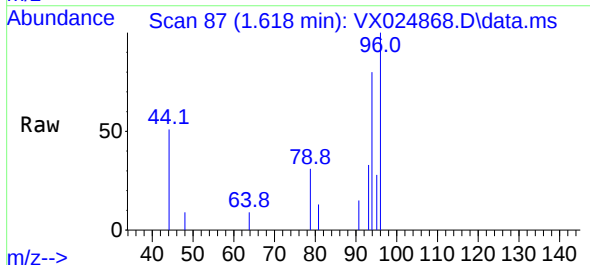
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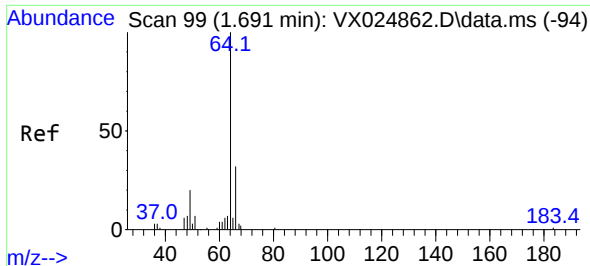
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#6
Bromomethane
Concen: 0.279 ug/L
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

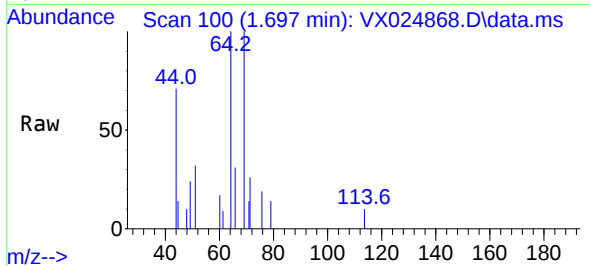
Tgt Ion: 94 Resp: 740
Ion Ratio Lower Upper
94 100
96 124.7 70.9 131.7



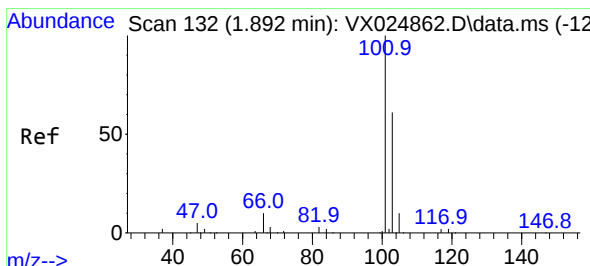
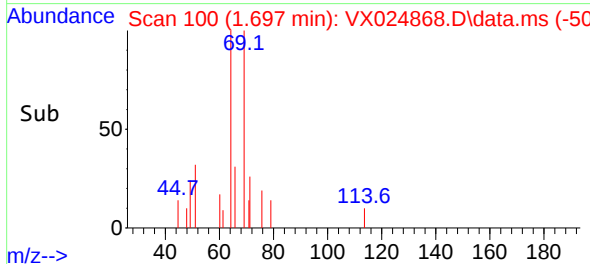
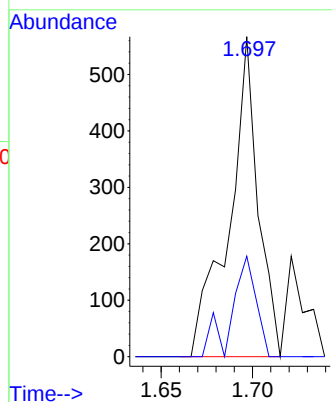


#8
Chloroethane
Concen: 0.306 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Instrument :
MSVOA_X
ClientSampled :
MDL01

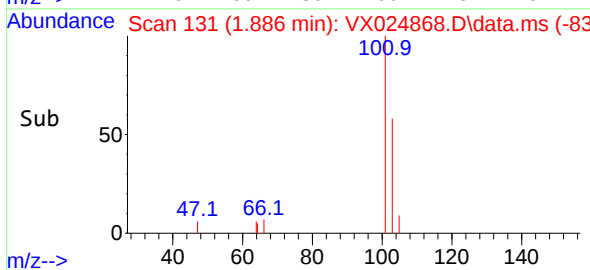
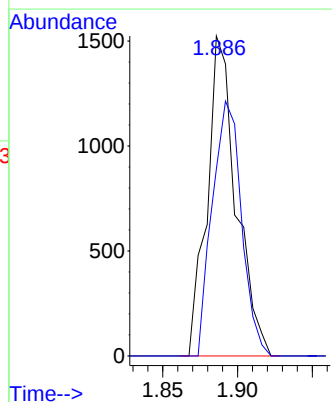
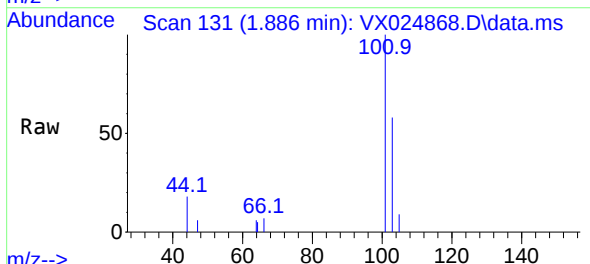


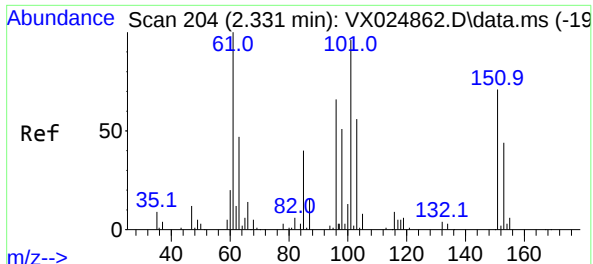
Tgt Ion: 64 Resp: 624
Ion Ratio Lower Upper
64 100
66 31.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.204 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

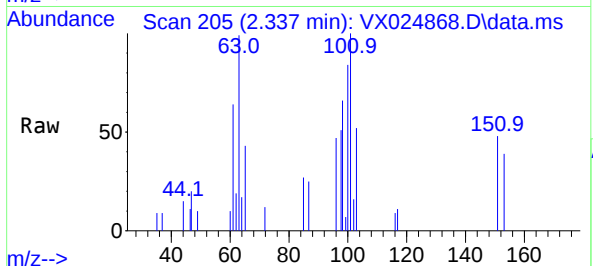
Tgt Ion: 101 Resp: 2063
Ion Ratio Lower Upper
101 100
103 79.6 51.2 76.8#





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.270 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

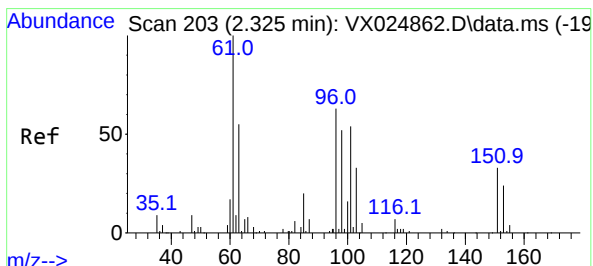
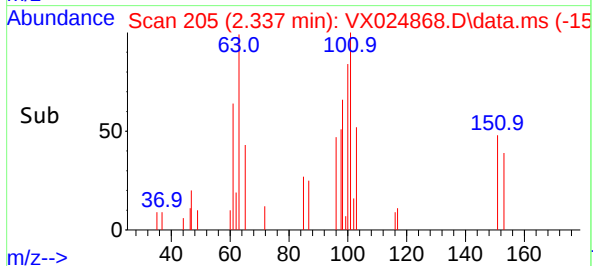
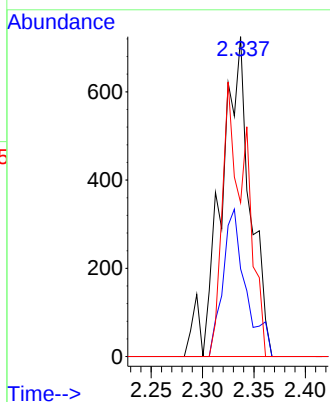
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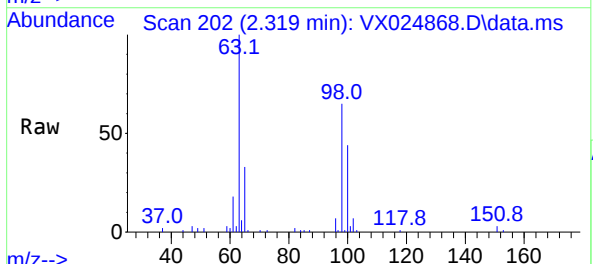
Tgt Ion:101 Resp: 1435
Ion Ratio Lower Upper
101 100
85 36.0 34.3 51.5
151 68.3 58.3 87.5

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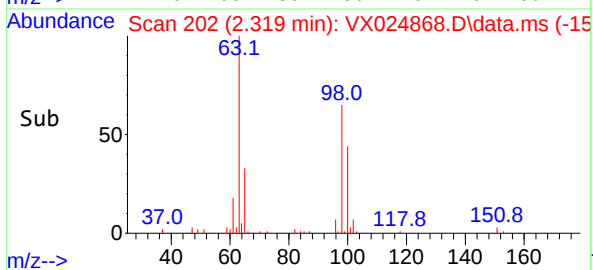
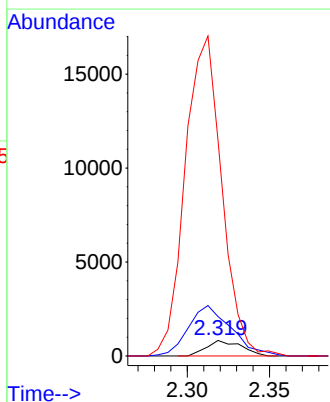
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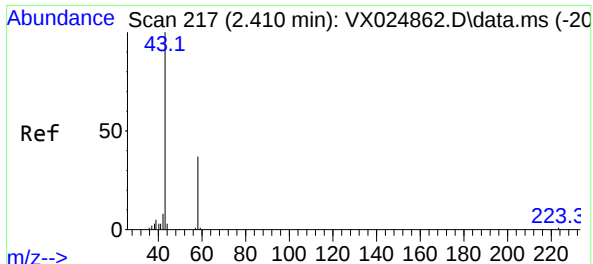


#12
1,1-Dichloroethene
Concen: 0.283 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



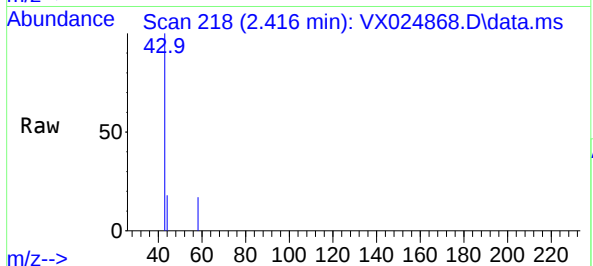
Tgt Ion: 96 Resp: 1206
Ion Ratio Lower Upper
96 100
61 214.2 110.2 204.8#
63 1174.7 63.1 117.1#





#13
Acetone
Concen: 2.596 ug/L
RT: 2.416 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

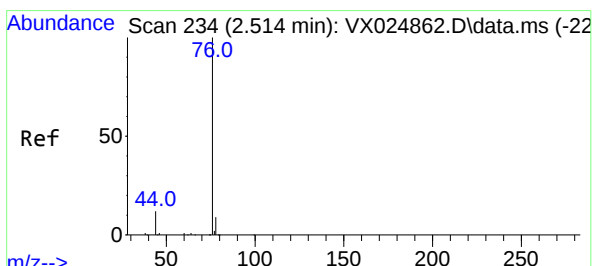
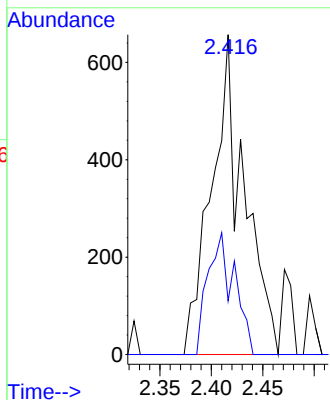
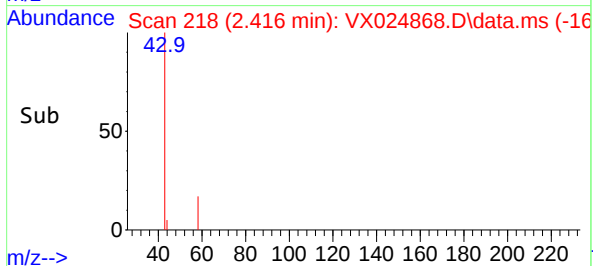
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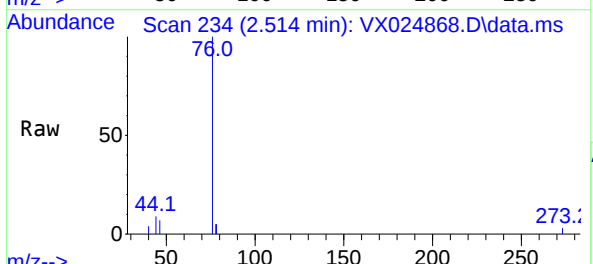
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Ion Ratio Lower Upper
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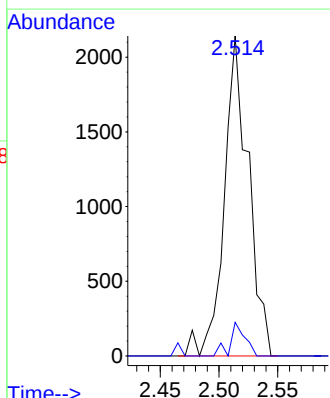
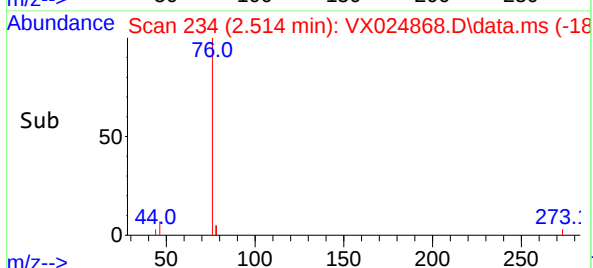
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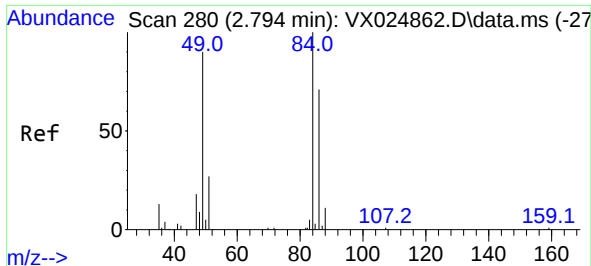


#14
Carbon disulfide
Concen: 0.264 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



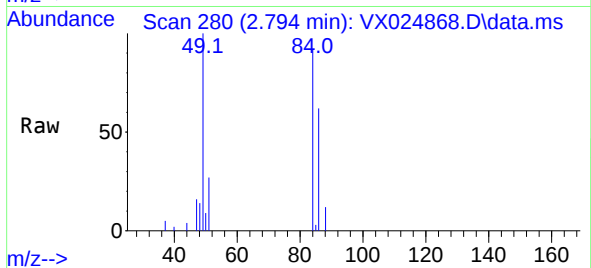
Tgt Ion: 76 Resp: 3067
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



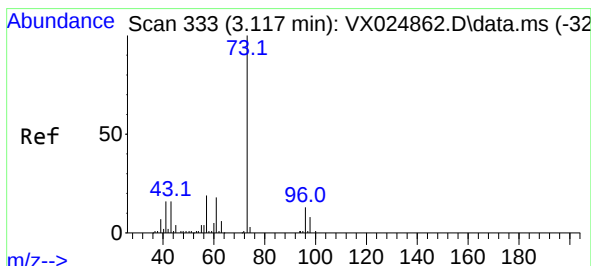
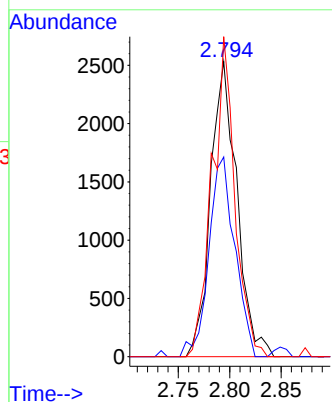
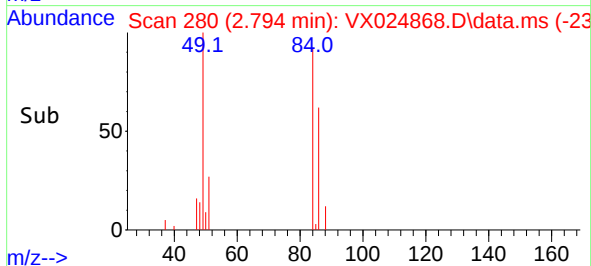


#16
Methylene chloride
Concen: 0.910 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

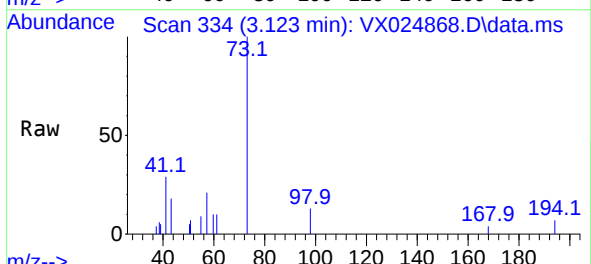
Instrument :
MSVOA_X
ClientSampled :
MDL01



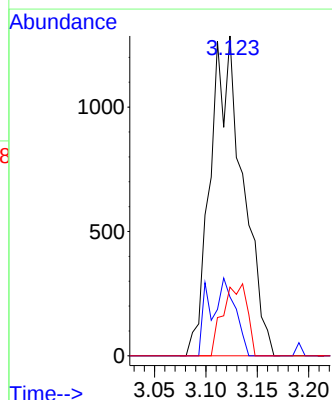
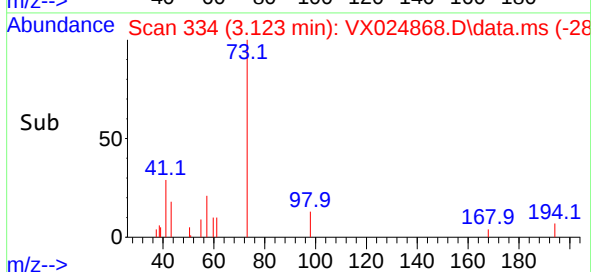
Tgt Ion: 84 Resp: 4504
Ion Ratio Lower Upper
84 100
86 67.6 49.5 91.9
49 108.4 62.7 116.5

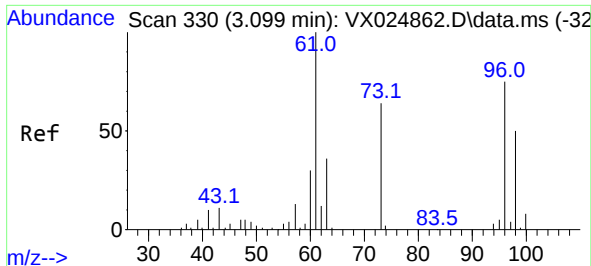


#17
Methyl tert-butyl Ether
Concen: 0.232 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

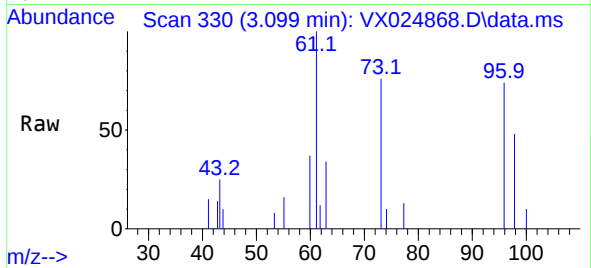


Tgt Ion: 73 Resp: 2838
Ion Ratio Lower Upper
73 100
43 18.7 13.6 20.4
57 16.7 14.5 21.7

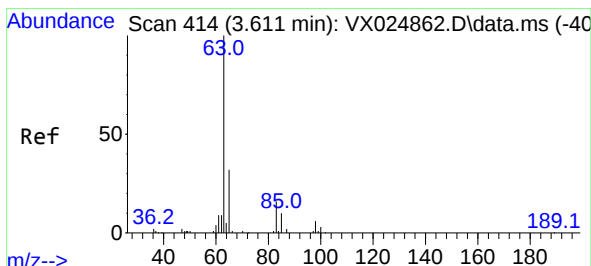
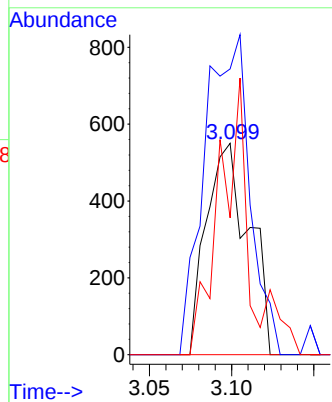
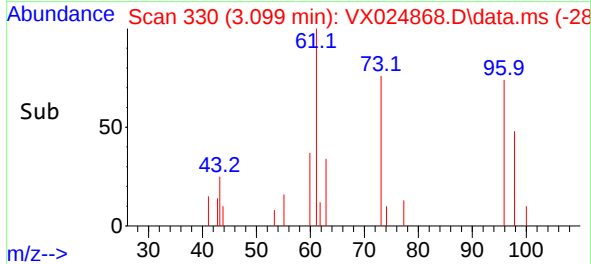




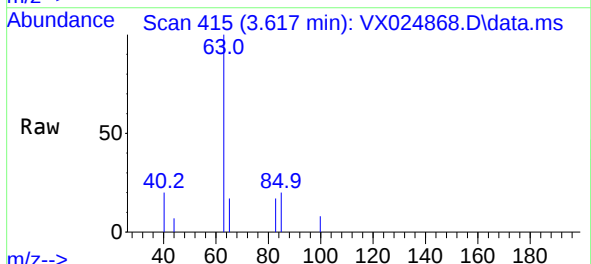
#18
trans-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



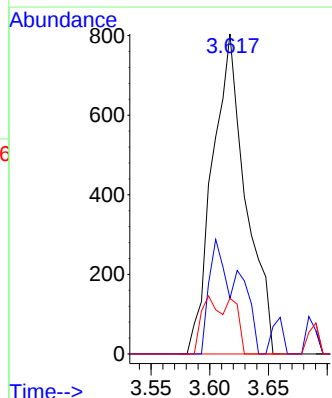
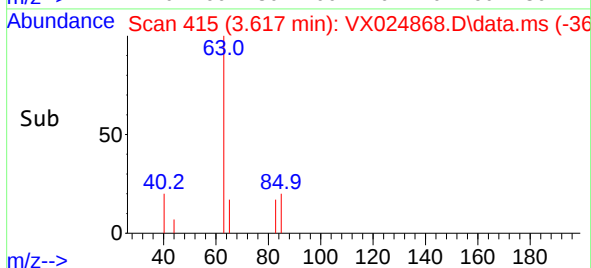
Tgt Ion: 96 Resp: 987
Ion Ratio Lower Upper
96 100
61 135.3 92.7 172.3
98 64.7 46.6 86.6



#19
1,1-Dichloroethane
Concen: 0.183 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



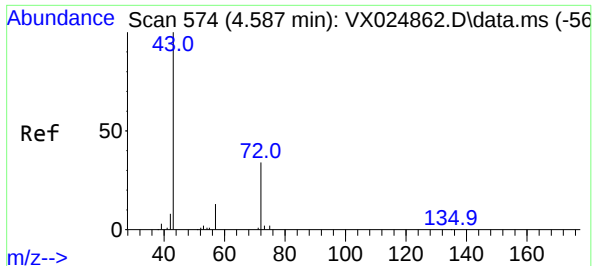
Tgt Ion: 63 Resp: 1586
Ion Ratio Lower Upper
63 100
65 17.4 22.3 41.3#
83 17.4 11.5 21.3



Instrument :
MSVOA_X
ClientSampled :
MDL01

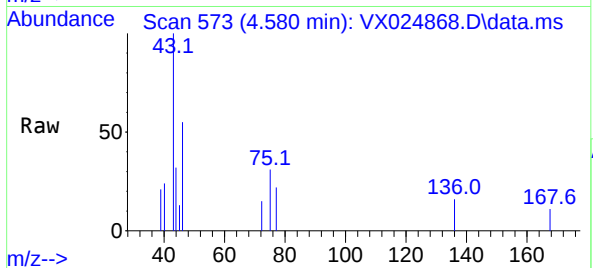
Manual Integrations
APPROVED

MMDadoda
10/25/2021 10:17:30 AM



#21
2-Butanone
Concen: 2.387 ug/L
RT: 4.580 min Scan# 573
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

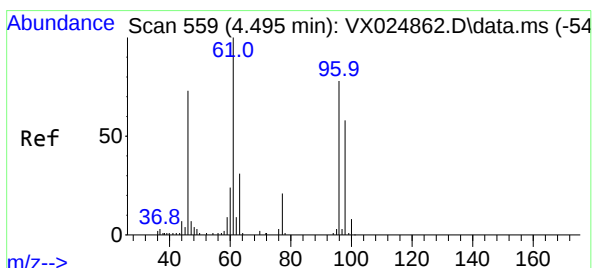
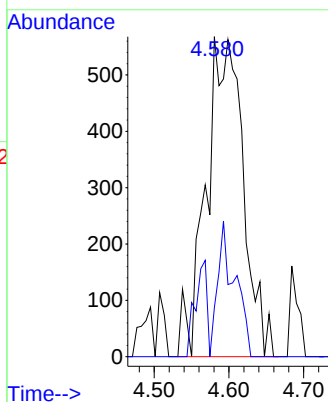
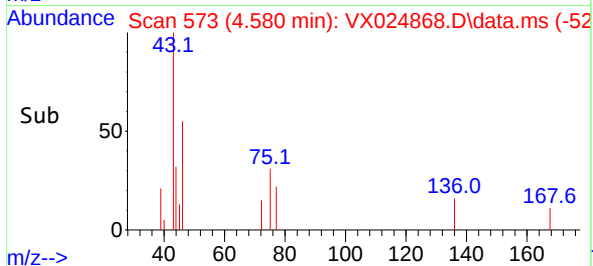
Instrument :
MSVOA_X
ClientSampled :
MDL01



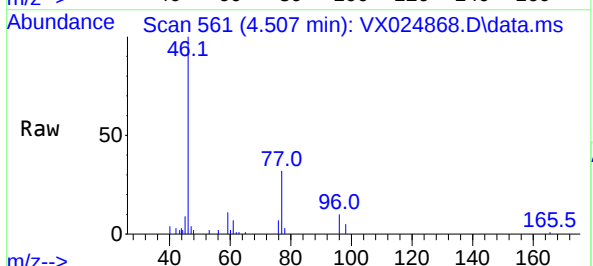
Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
72 19.7 18.9 56.9

Manual Integrations
APPROVED

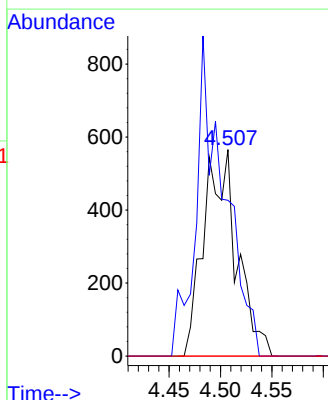
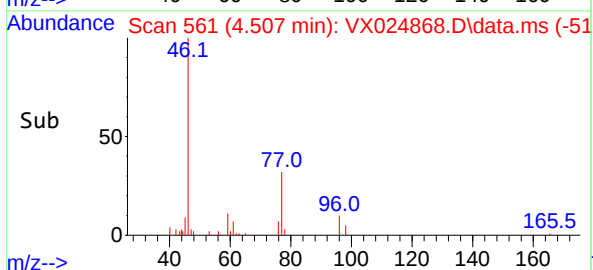
MMDadoda
10/25/2021 10:17:30 AM

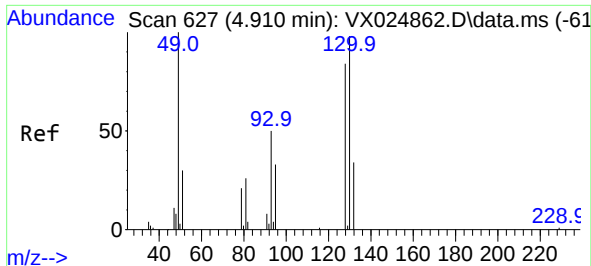


#22
cis-1,2-Dichloroethene
Concen: 0.238 ug/L
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



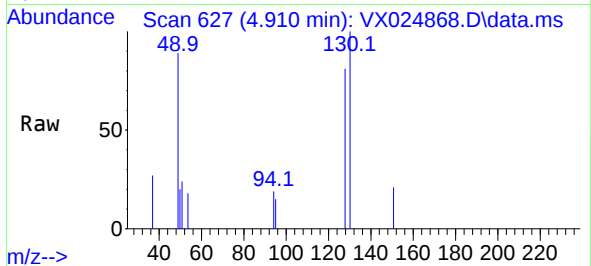
Tgt Ion: 96 Resp: 1269
Ion Ratio Lower Upper
96 100
61 75.4 90.3 167.7#
68 0.0 0.0 0.0





#23
Bromochloromethane
Concen: 0.228 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

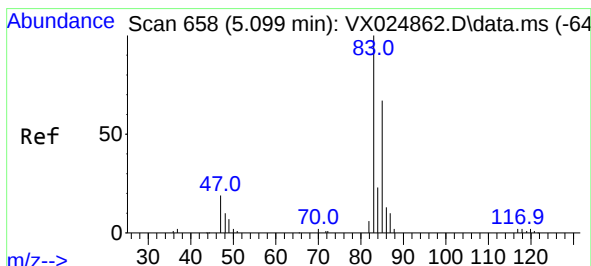
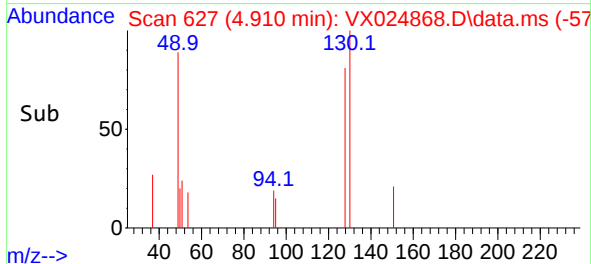
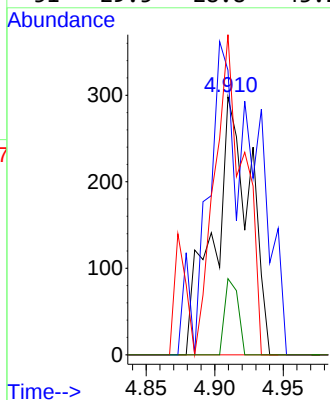
Instrument :
MSVOA_X
ClientSampled :
MDL01



Tgt Ion:128 Resp: 548
Ion Ratio Lower Upper
128 100
49 134.9 85.8 159.3
130 124.2 81.4 151.2
51 29.5 28.8 43.2

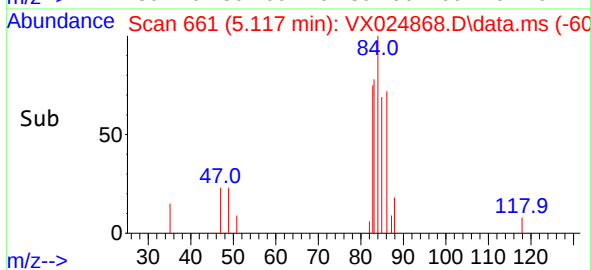
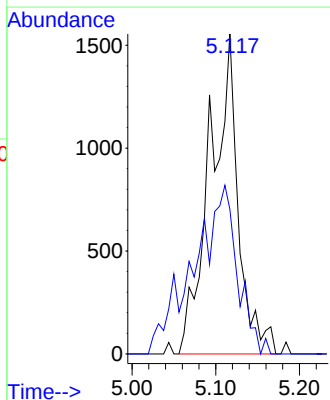
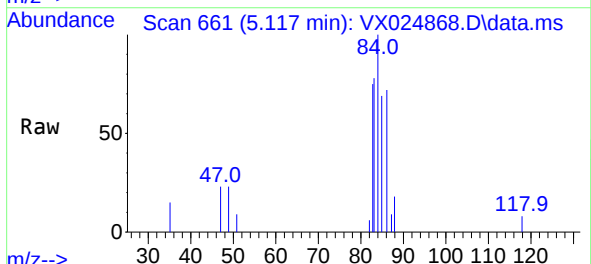
Manual Integrations
APPROVED

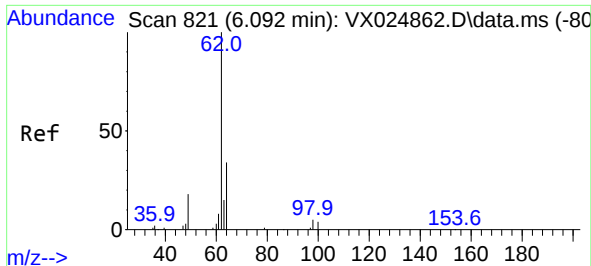
MMDadoda
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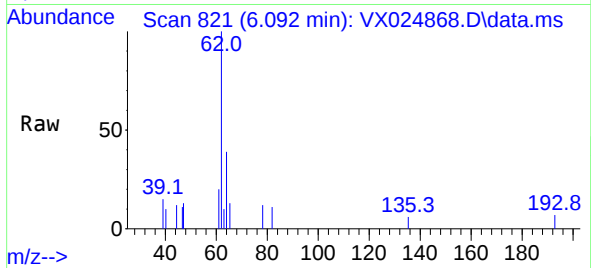
#25
Chloroform
Concen: 0.323 ug/L m
RT: 5.117 min Scan# 661
Delta R.T. 0.018 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 83 Resp: 3643
Ion Ratio Lower Upper
83 100
85 88.3 47.0 87.4#

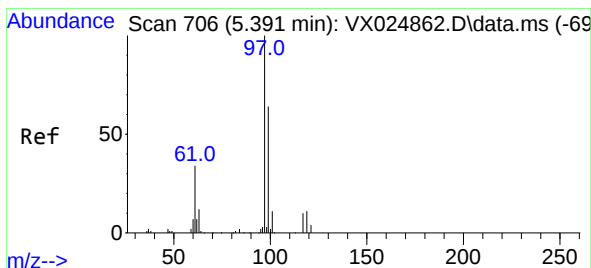
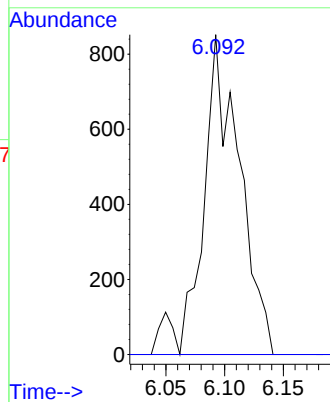
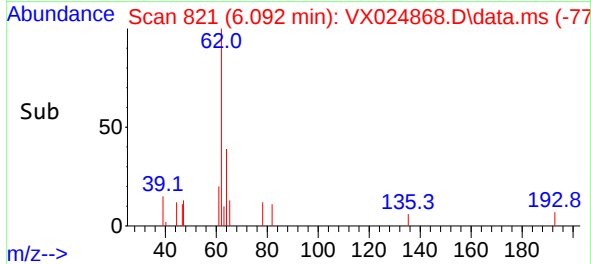




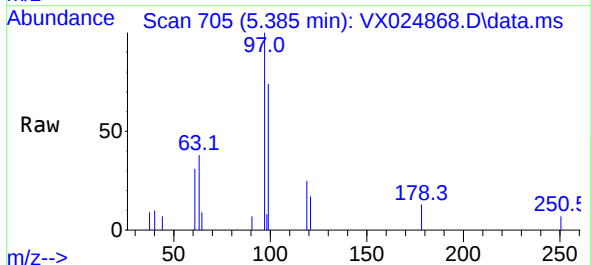
#27
1,2-Dichloroethane
Concen: 0.254 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



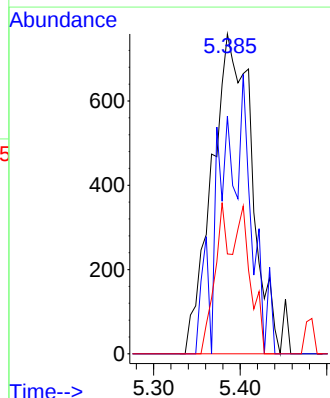
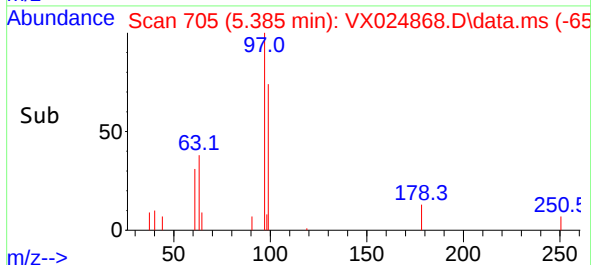
Tgt Ion: 62 Resp: 1760
Ion Ratio Lower Upper
62 100
98 0.0 4.1 6.1#



#29
1,1,1-Trichloroethane
Concen: 0.218 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



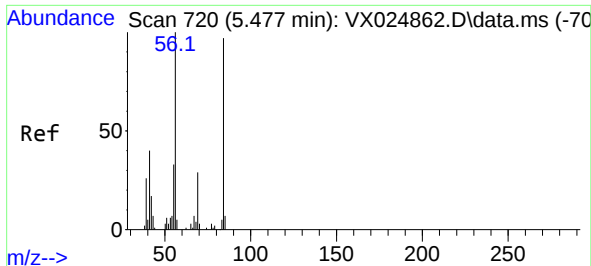
Tgt Ion: 97 Resp: 2442
Ion Ratio Lower Upper
97 100
99 40.2 50.2 75.4#
61 18.8 27.0 40.6#



Instrument :
MSVOA_X
ClientSampled :
MDL01

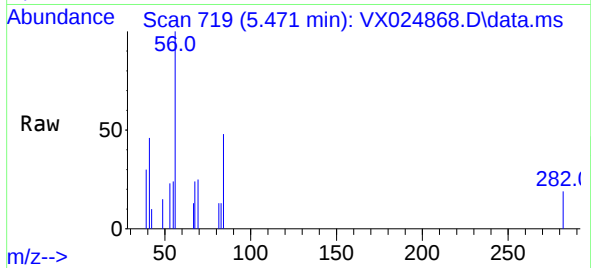
Manual Integrations
APPROVED

MMDadoda
10/25/2021 10:17:30 AM



#30
Cyclohexane
Concen: 0.209 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

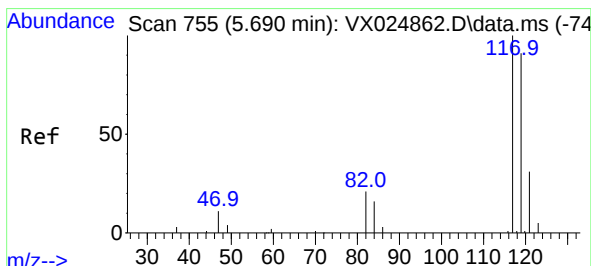
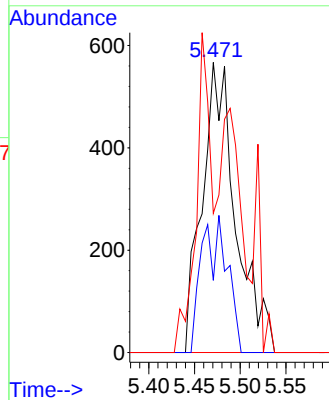
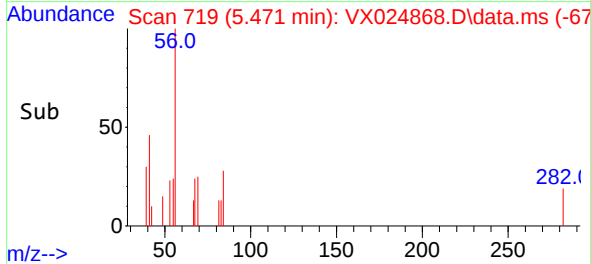
Instrument :
MSVOA_X
ClientSampled :
MDL01



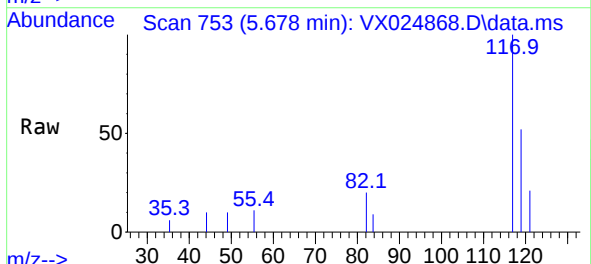
Tgt Ion: 56 Resp: 1455
Ion Ratio Lower Upper
56 100
69 18.4 27.1 40.7#
84 48.3 81.0 121.4#

Manual Integrations
APPROVED

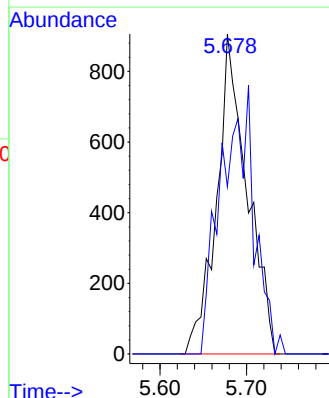
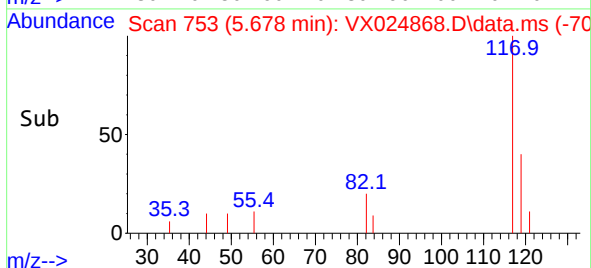
MMDadoda
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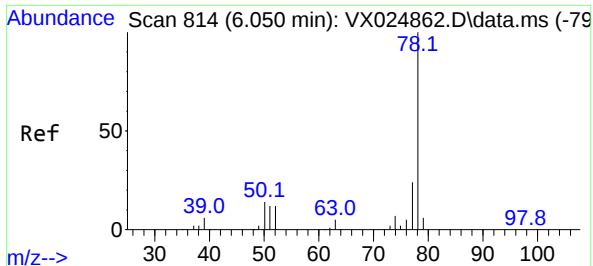


#31
Carbon tetrachloride
Concen: 0.230 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



Tgt Ion: 117 Resp: 2217
Ion Ratio Lower Upper
117 100
119 90.7 76.9 115.3





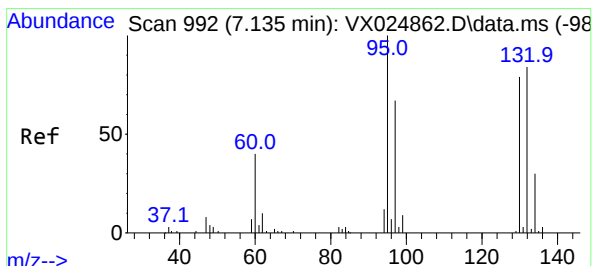
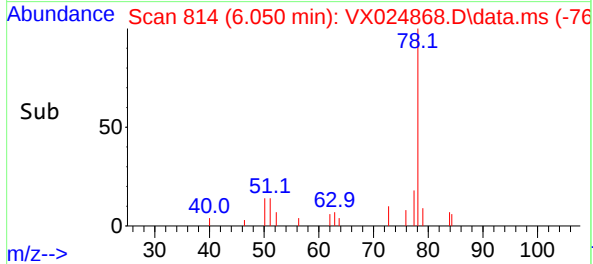
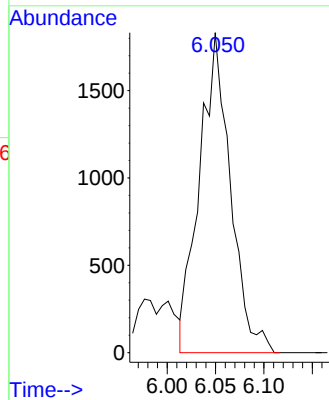
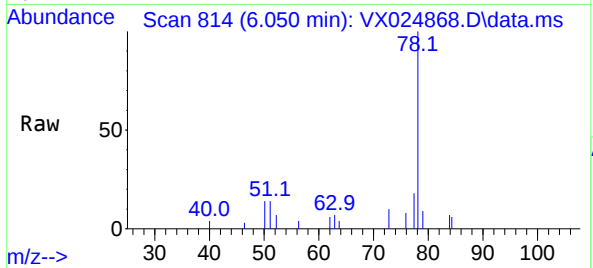
#33
Benzene
Concen: 0.216 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 78 Resp: 4087

Instrument :
MSVOA_X
ClientSampled :
MDL01

Manual Integrations
APPROVED

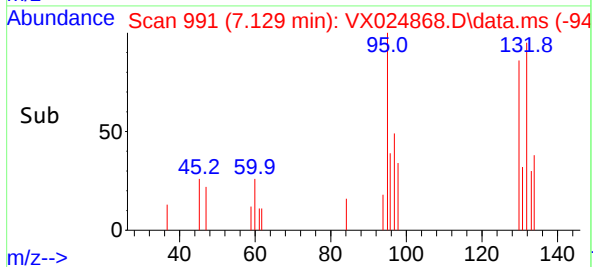
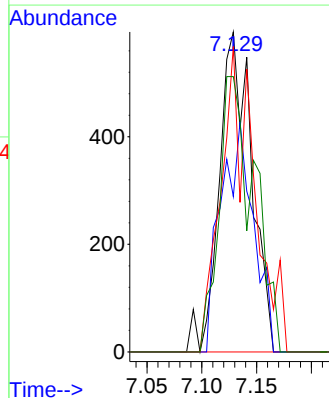
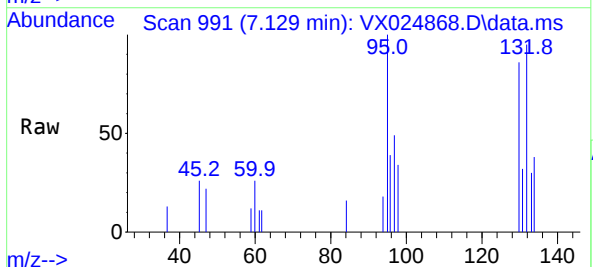
MMDadoda
10/25/2021 10:17:30 AM

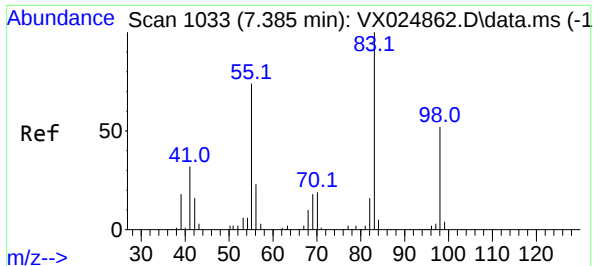


#34
Trichloroethene
Concen: 0.198 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 95 Resp: 1218

Ion	Ratio	Lower	Upper
95	100		
97	35.0	46.6	86.6#
132	68.8	58.4	108.6
130	62.0	55.4	103.0





#35

Methylcyclohexane

Concen: 0.228 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX024868.D

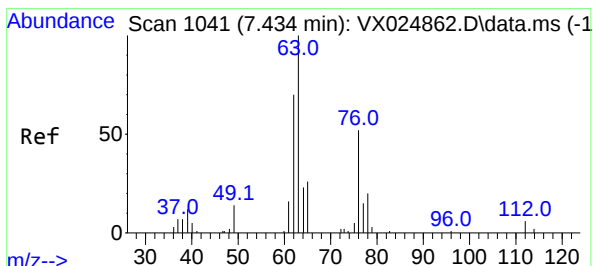
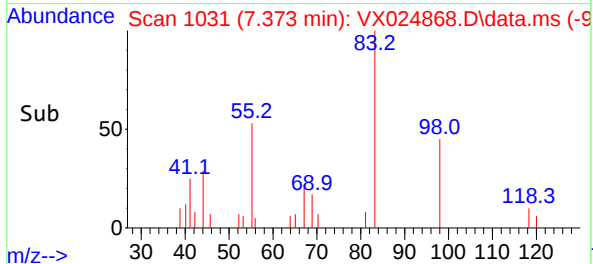
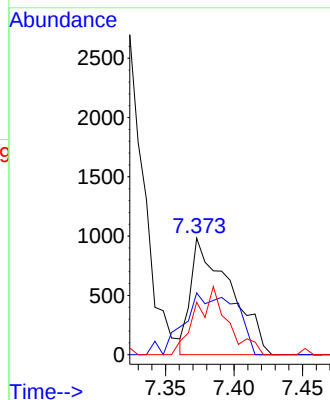
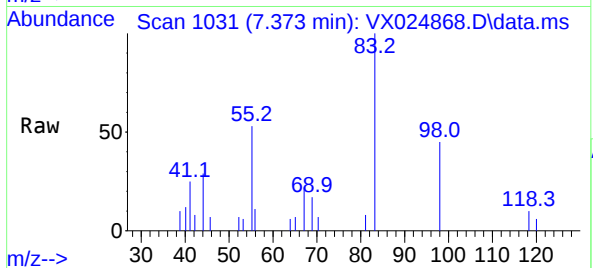
Acq: 22 Oct 2021 13:51

Tgt Ion:	83	Resp:	1959
Ion	Ratio	Lower	Upper
83	100		
55	41.6	55.7	83.5#
98	47.7	38.3	57.5

Instrument :
MSVOA_X
ClientSampled :
MDL01

Manual Integrations
APPROVED

MMDadoda
10/25/2021 10:17:30 AM



#37

1,2-Dichloropropane

Concen: 0.255 ug/L

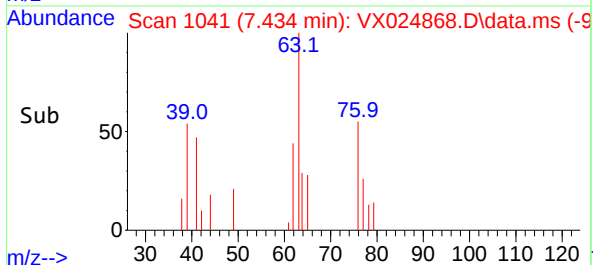
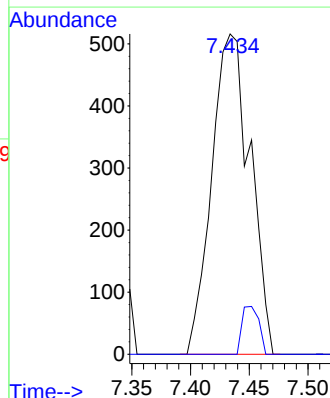
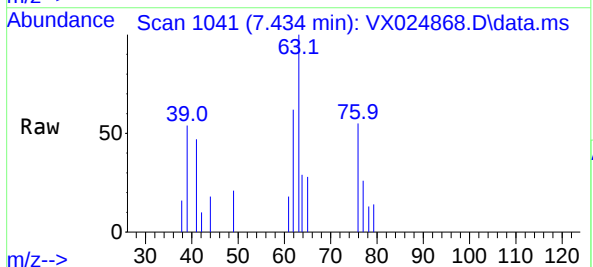
RT: 7.434 min Scan# 1041

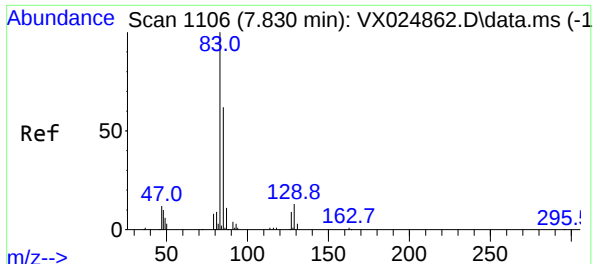
Delta R.T. 0.000 min

Lab File: VX024868.D

Acq: 22 Oct 2021 13:51

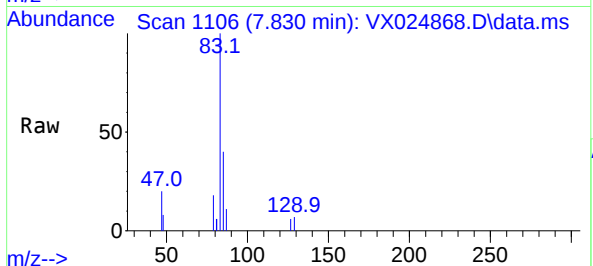
Tgt Ion:	63	Resp:	1177
Ion	Ratio	Lower	Upper
63	100		
112	6.5	3.5	5.3#





#38
Bromodichloromethane
Concen: 0.248 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

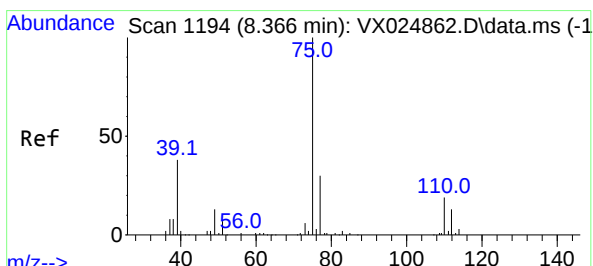
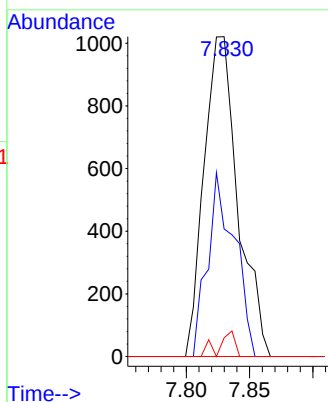
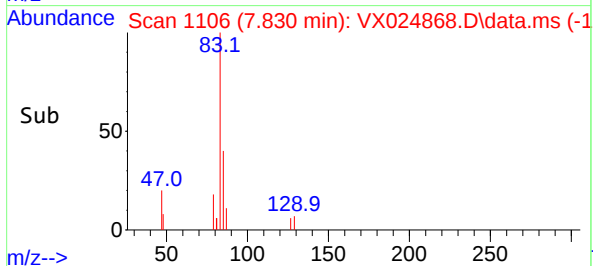
Instrument :
MSVOA_X
ClientSampled :
MDL01



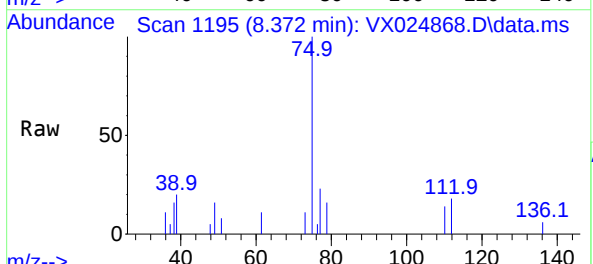
Tgt Ion: 83 Resp: 1908
Ion Ratio Lower Upper
83 100
85 39.9 43.5 80.9#
127 5.9 6.9 10.3#

Manual Integrations
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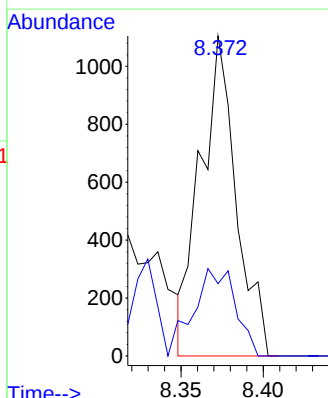
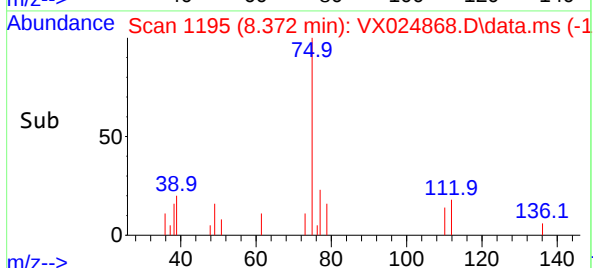
MMDadoda
10/25/2021 10:17:30 AM

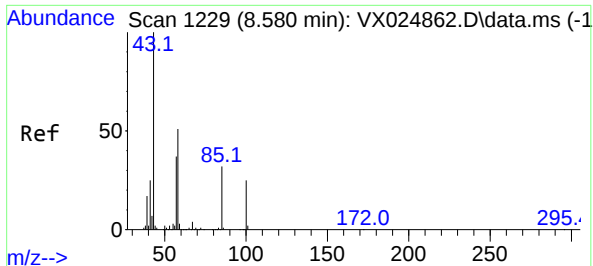


#39
cis-1,3-Dichloropropene
Concen: 0.214 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



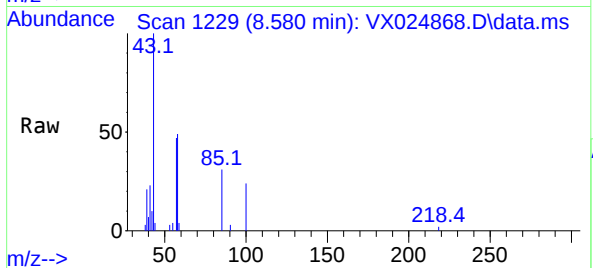
Tgt Ion: 75 Resp: 1667
Ion Ratio Lower Upper
75 100
77 22.6 20.9 38.9





#40
4-Methyl-2-pentanone
Concen: 2.028 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

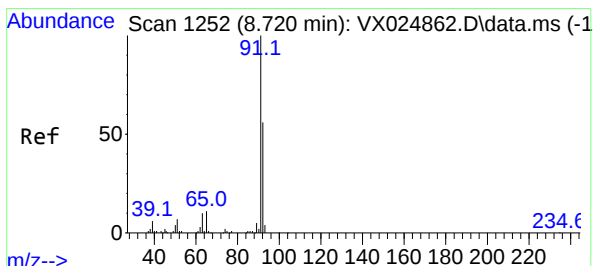
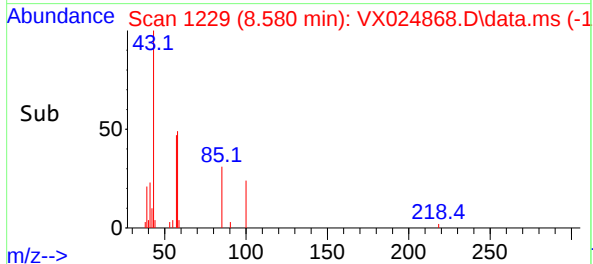
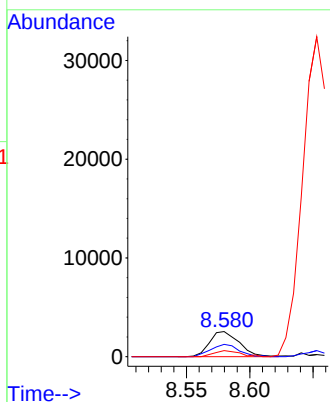
Instrument :
MSVOA_X
ClientSampled :
MDL01



Tgt Ion: 43 Resp: 4170
Ion Ratio Lower Upper
43 100
58 46.4 40.1 60.1
100 0.0 17.4 26.0#

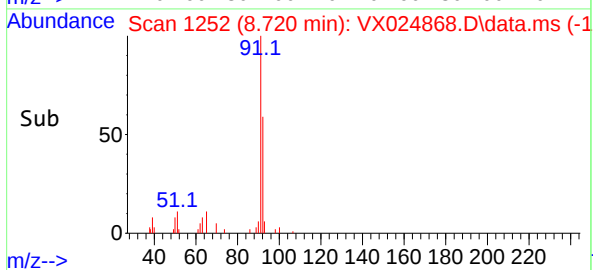
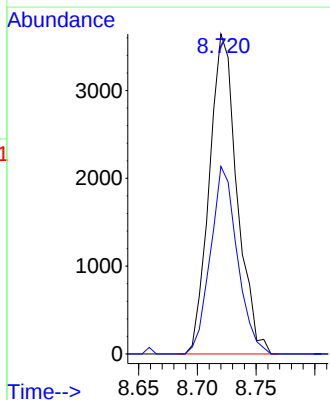
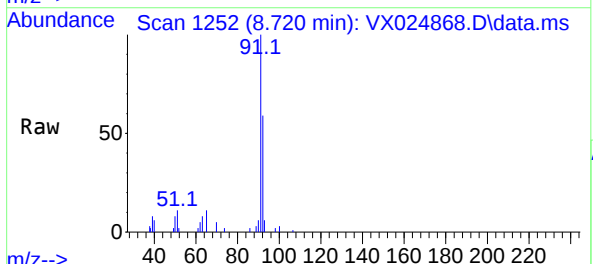
Manual Integrations
APPROVED

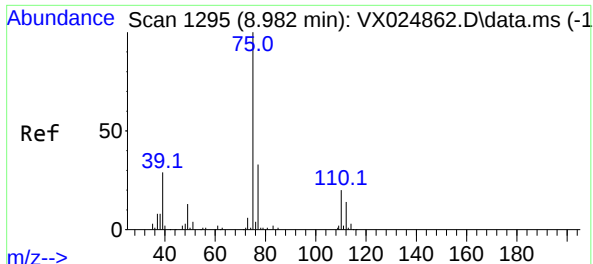
MMDadoda
10/25/2021 10:17:30 AM



#42
Toluene
Concen: 0.271 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 91 Resp: 5983
Ion Ratio Lower Upper
91 100
92 58.6 39.1 72.5





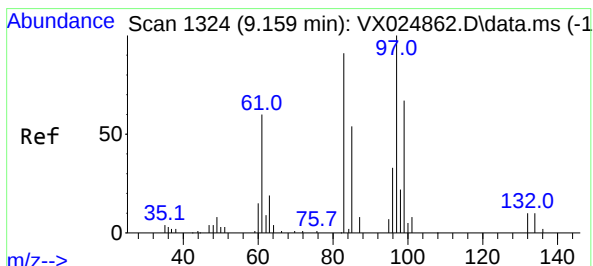
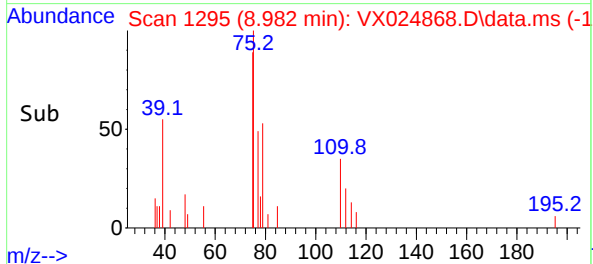
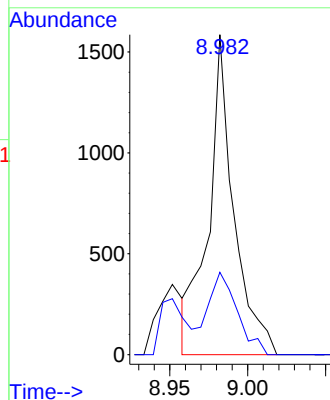
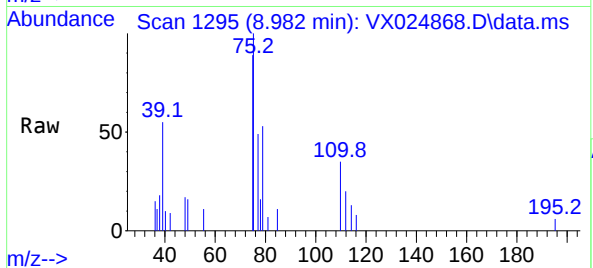
#44
trans-1,3-Dichloropropene
Concen: 0.254 ug/L m
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 75 Resp: 1794
Ion Ratio Lower Upper
75 100
77 48.6 23.4 43.4#

Instrument :
MSVOA_X
ClientSampled :
MDL01

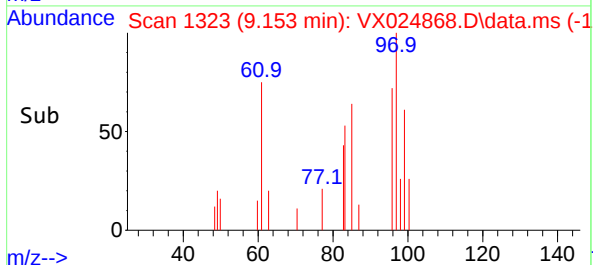
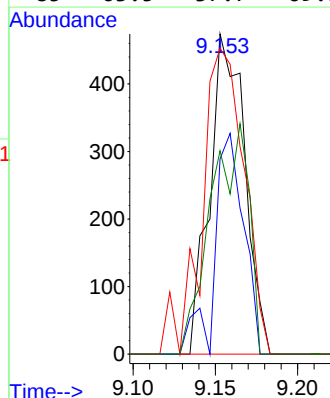
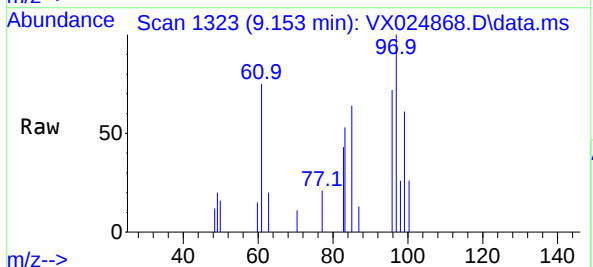
Manual Integrations
APPROVED

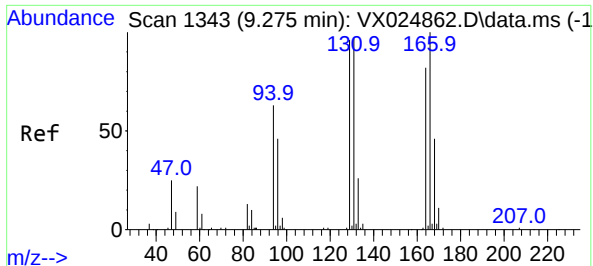
MMDadoda
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#45
1,1,2-Trichloroethane
Concen: 0.190 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 97 Resp: 704
Ion Ratio Lower Upper
97 100
99 61.0 46.8 86.8
83 95.6 63.6 118.2
85 63.5 37.7 69.9





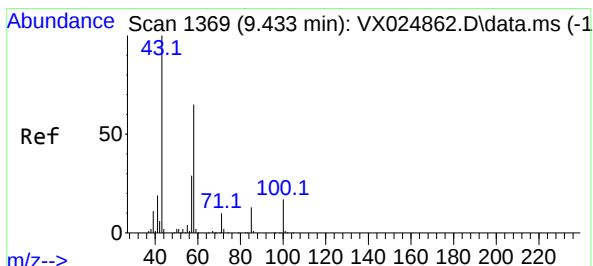
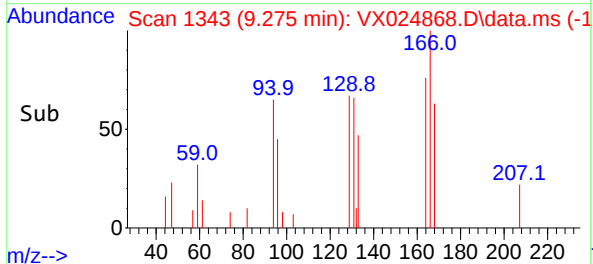
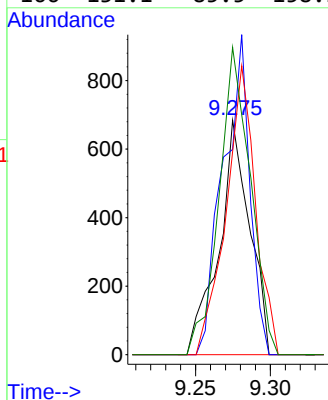
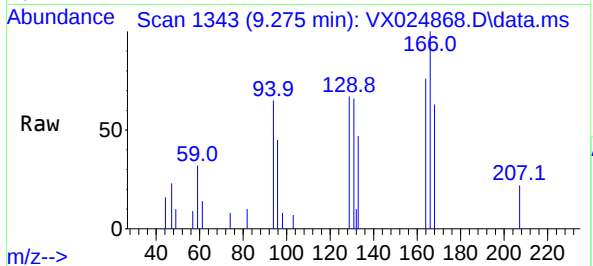
#47
Tetrachloroethene
Concen: 0.227 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion:	164	Resp:	977
Ion	Ratio	Lower	Upper
164	100		
129	87.6	81.8	152.0
131	86.5	82.9	153.9
166	131.1	85.5	158.9

Instrument :
MSVOA_X
ClientSampled :
MDL01

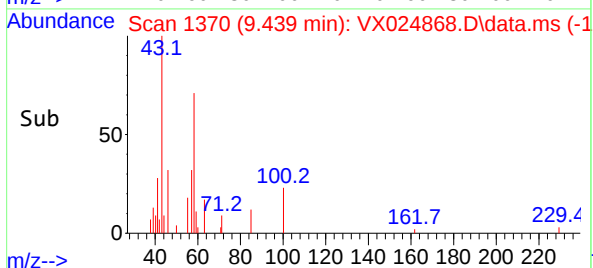
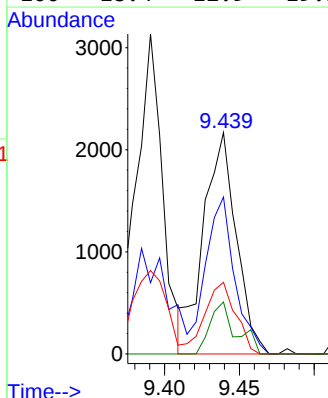
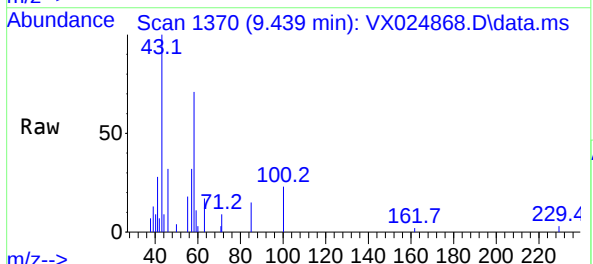
Manual Integrations
APPROVED

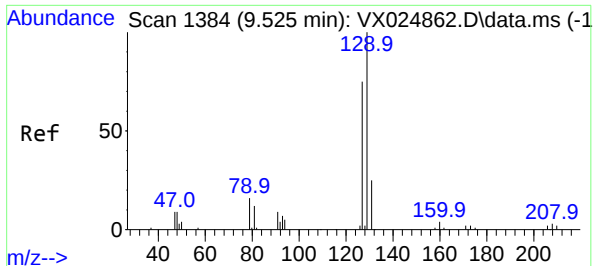
MMDadoda
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#48
2-Hexanone
Concen: 2.201 ug/L
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion:	43	Resp:	3305
Ion	Ratio	Lower	Upper
43	100		
58	62.5	52.7	79.1
57	29.7	21.2	31.8
100	18.4	12.9	19.3





#49

Dibromochloromethane

Concen: 0.238 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX024868.D

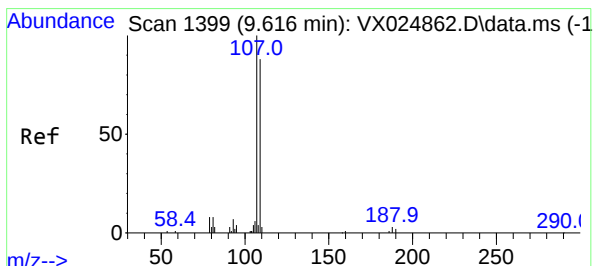
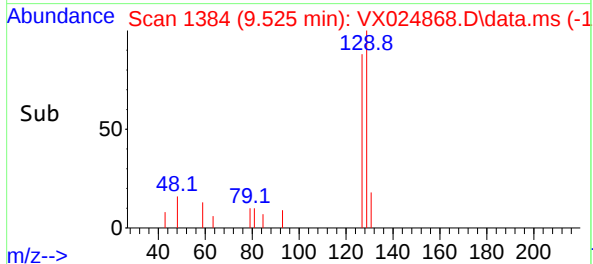
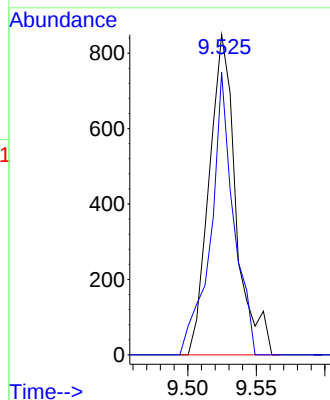
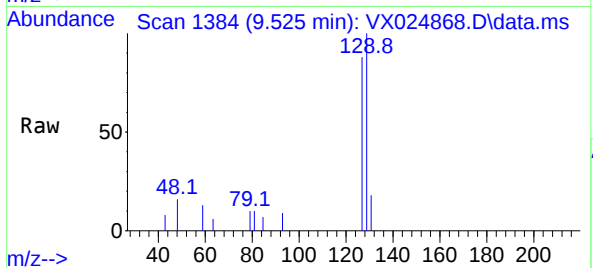
Acq: 22 Oct 2021 13:51

Tgt Ion:129 Resp: 1157

Ion Ratio Lower Upper

129 100

127 88.2 52.5 97.5



#50

1,2-Dibromoethane

Concen: 0.211 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VX024868.D

Acq: 22 Oct 2021 13:51

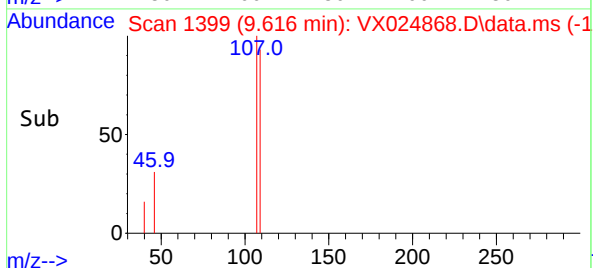
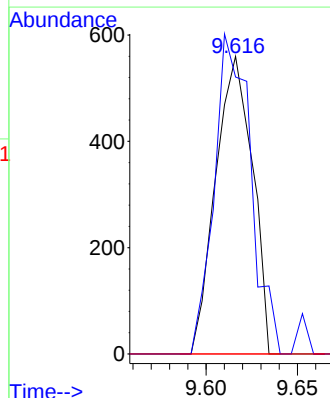
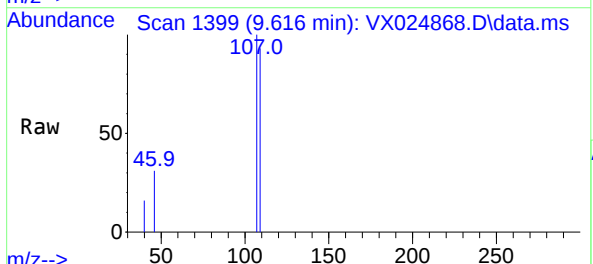
Tgt Ion:107 Resp: 785

Ion Ratio Lower Upper

107 100

109 93.0 61.7 114.7

188 0.0 2.6 4.0#



Instrument :

MSVOA_X

ClientSampled :

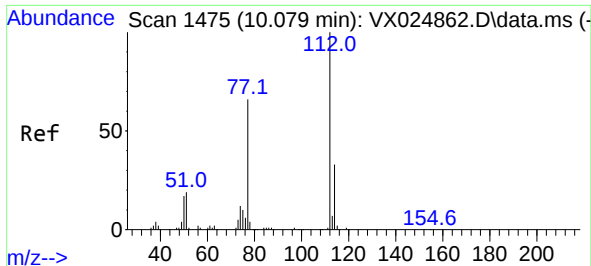
MDL01

Manual Integrations

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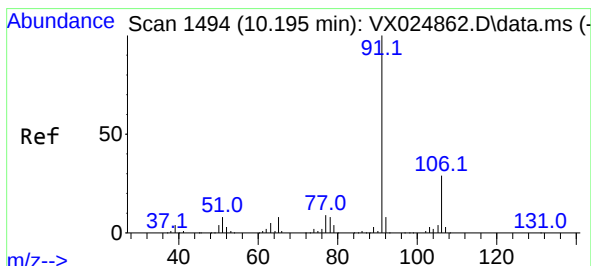
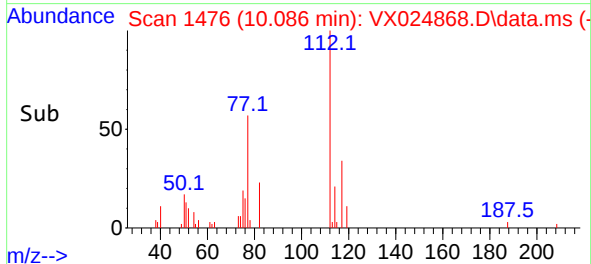
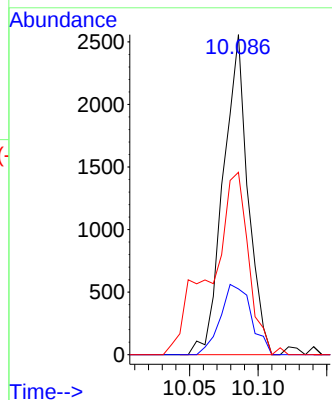
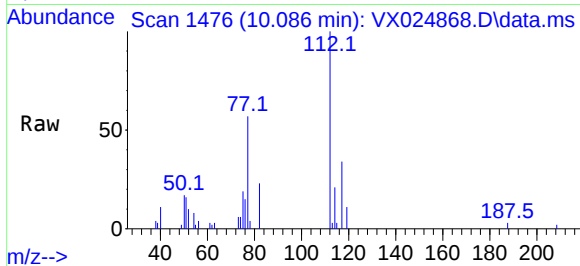
#51
Chlorobenzene
Concen: 0.229 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion:112 Resp: 3210
Ion Ratio Lower Upper
112 100
114 20.5 22.8 42.4#
77 57.0 52.7 79.1

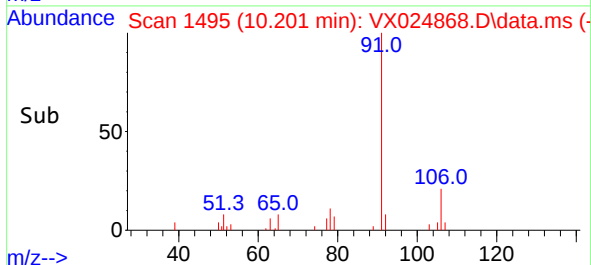
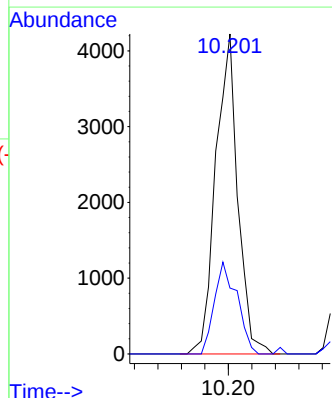
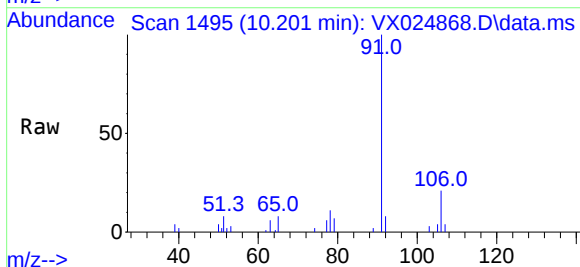
Manual Integrations
APPROVED

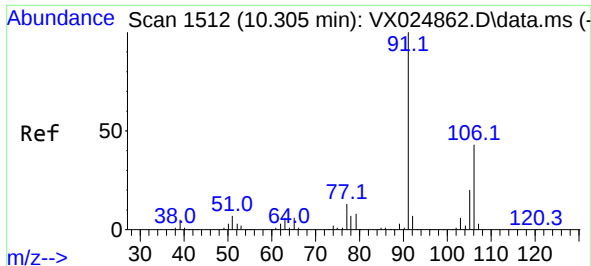
MMDadoda
10/25/2021 10:17:30 AM



#52
Ethylbenzene
Concen: 0.211 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 91 Resp: 5499
Ion Ratio Lower Upper
91 100
106 20.6 20.1 37.3





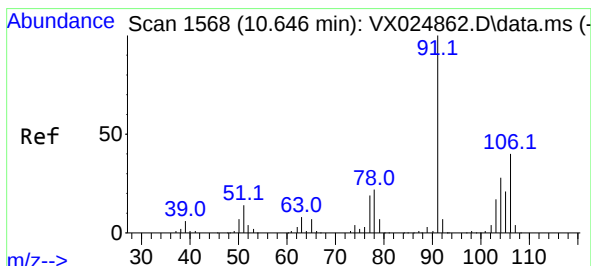
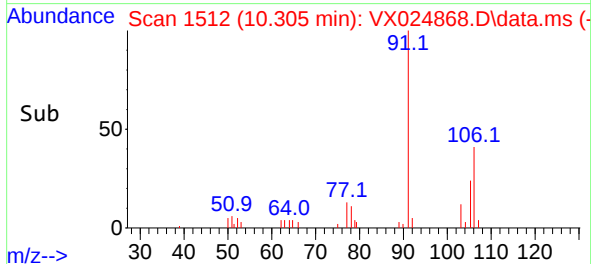
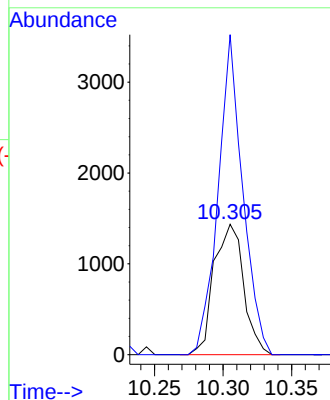
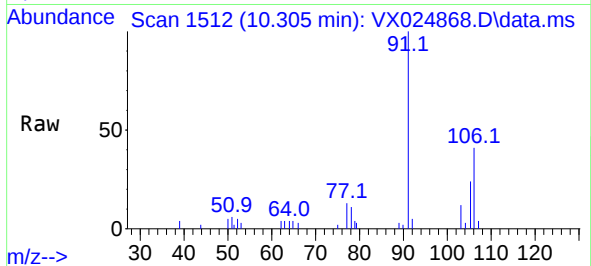
#53
m,p-xylene
Concen: 0.234 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion:106 Resp: 2160
Ion Ratio Lower Upper
106 100
91 245.5 161.7 300.3

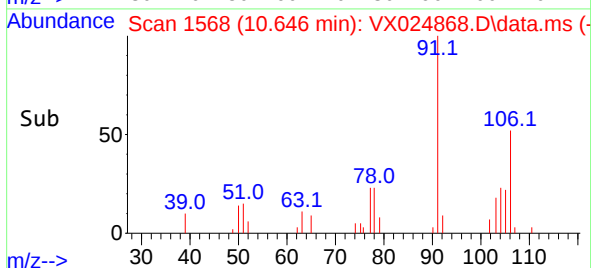
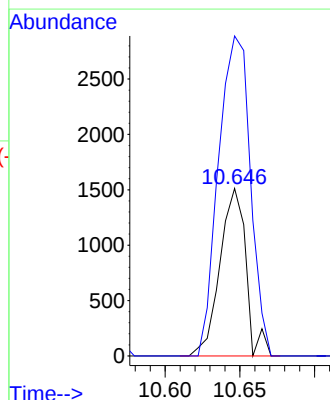
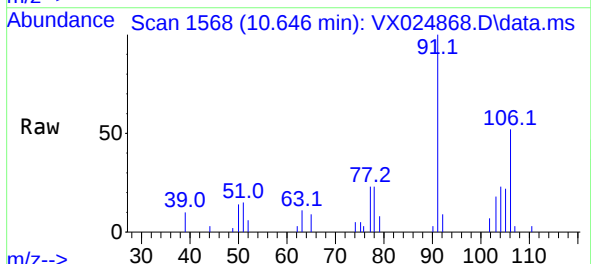
Manual Integrations
APPROVED

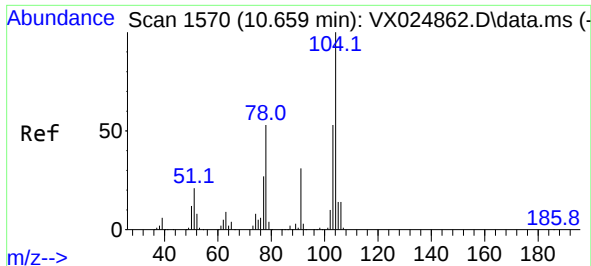
MMDadoda
10/25/2021 10:17:30 AM



#54
o-xylene
Concen: 0.202 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

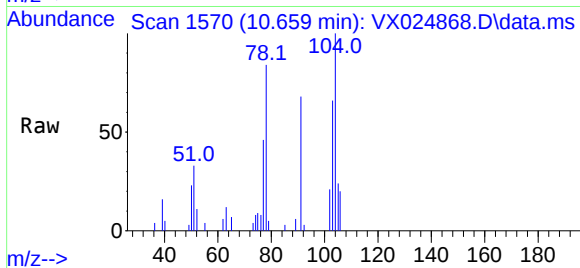
Tgt Ion:106 Resp: 1824
Ion Ratio Lower Upper
106 100
91 191.1 172.9 321.1



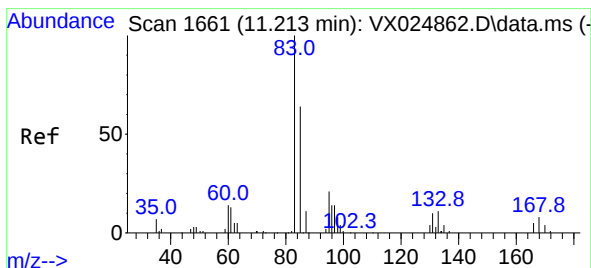
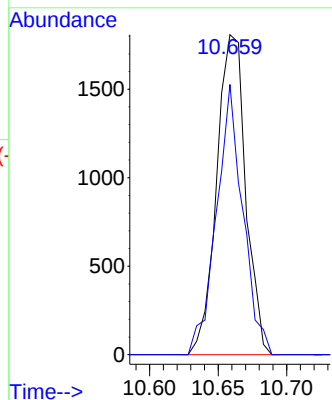
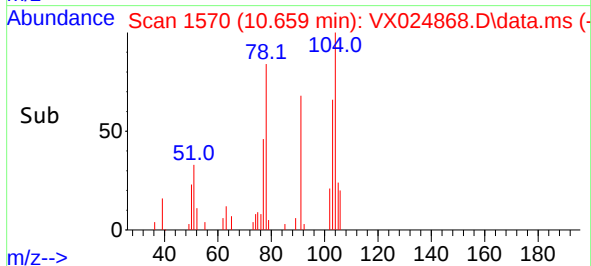


#55
Styrene
Concen: 0.176 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

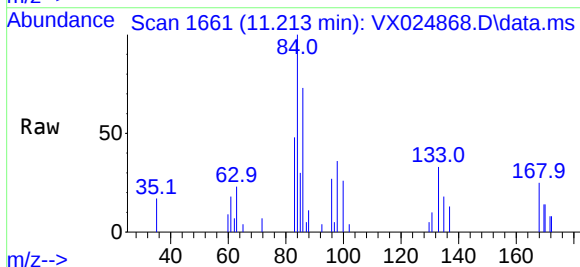
Instrument :
MSVOA_X
ClientSampled :
MDL01



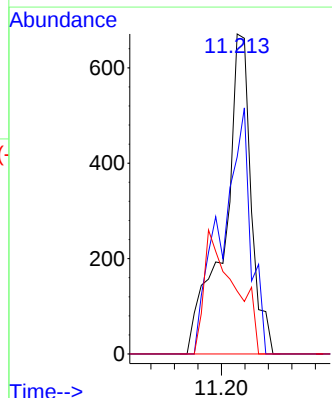
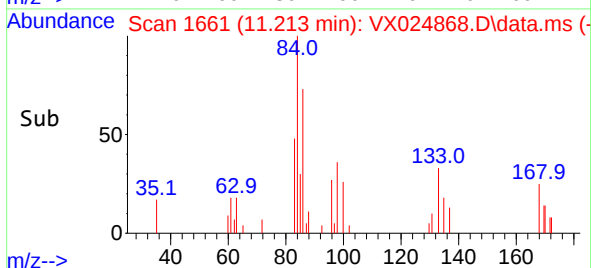
Tgt Ion:104 Resp: 2666
Ion Ratio Lower Upper
104 100
78 84.5 37.1 68.9#

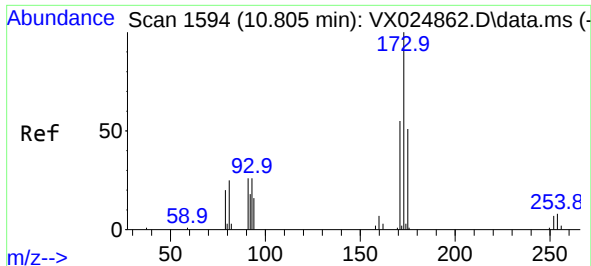


#57
1,1,2,2-Tetrachloroethane
Concen: 0.248 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



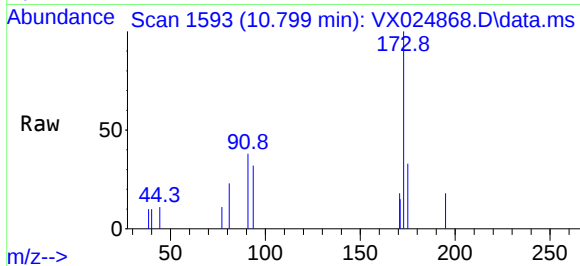
Tgt Ion: 83 Resp: 1062
Ion Ratio Lower Upper
83 100
85 61.5 44.9 83.5
131 19.7 7.7 11.5#





#59
Bromoform
Concen: 0.258 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

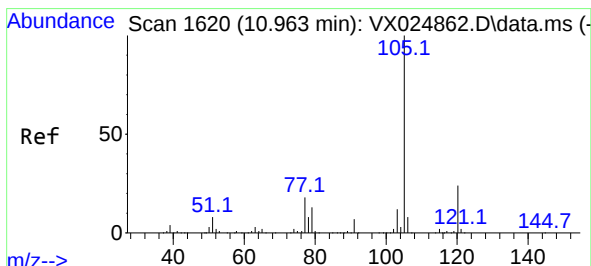
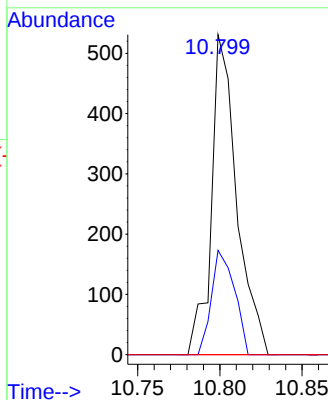
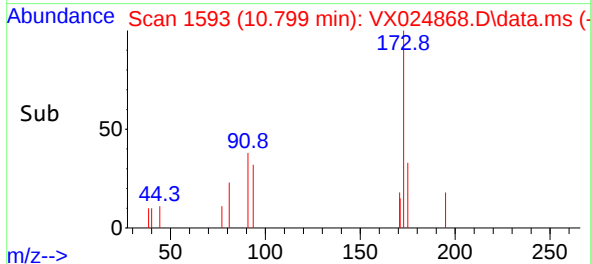
Instrument :
MSVOA_X
ClientSampled :
MDL01



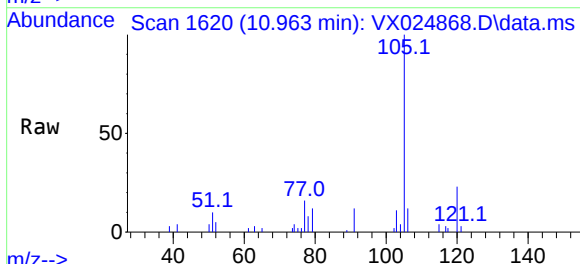
Tgt Ion:173 Resp: 568
Ion Ratio Lower Upper
173 100
175 29.8 38.4 57.6#
254 0.0 4.6 7.0#

Manual Integrations
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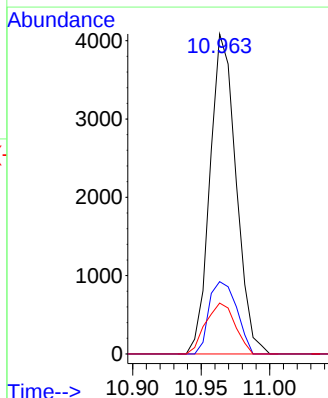
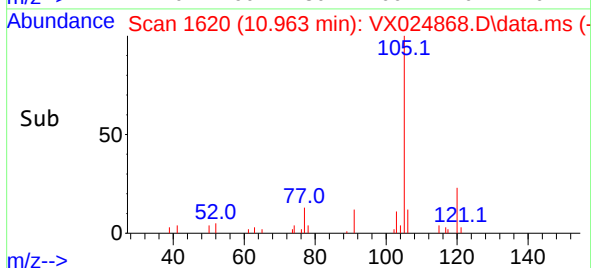
MMDadoda
10/25/2021 10:17:30 AM

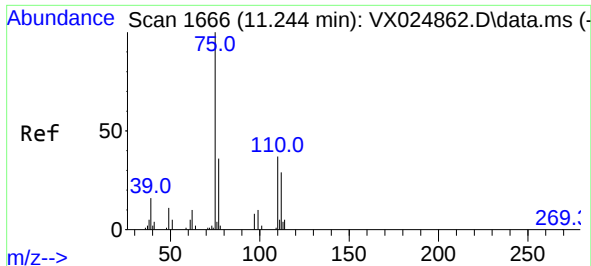


#60
Isopropylbenzene
Concen: 0.214 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



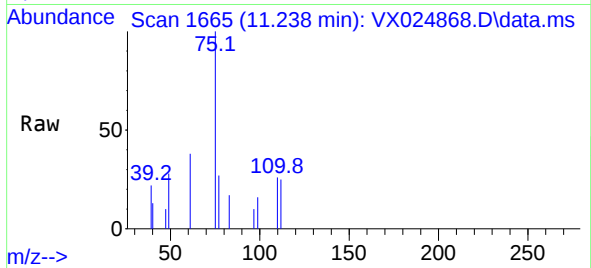
Tgt Ion:105 Resp: 5403
Ion Ratio Lower Upper
105 100
120 24.0 19.0 28.6
77 17.9 13.7 20.5





#61
1,2,3-Trichloropropane
Concen: 0.245 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

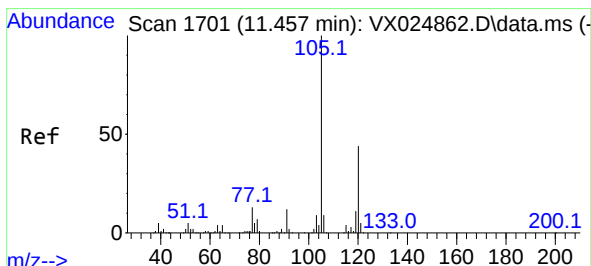
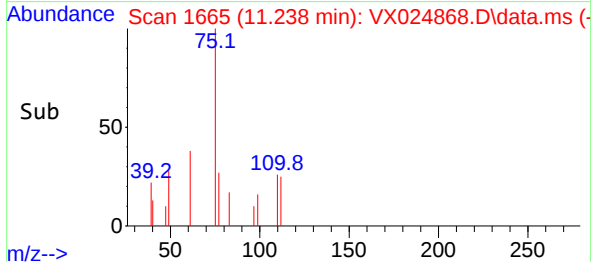
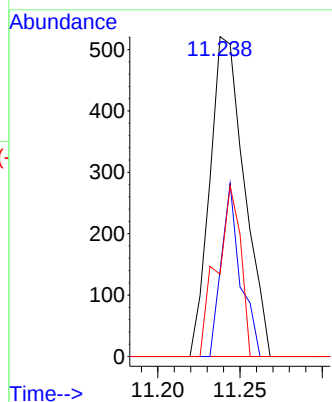
Instrument :
MSVOA_X
ClientSampled :
MDL01



Tgt Ion: 75 Resp: 758
Ion Ratio Lower Upper
75 100
77 29.9 28.1 42.1
110 36.5 34.7 52.1

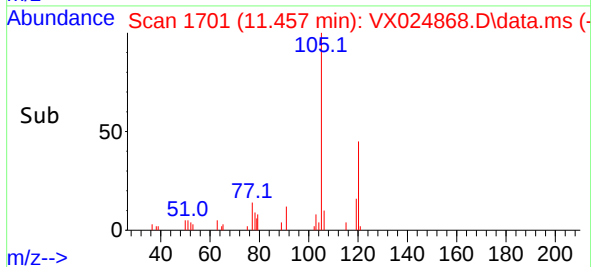
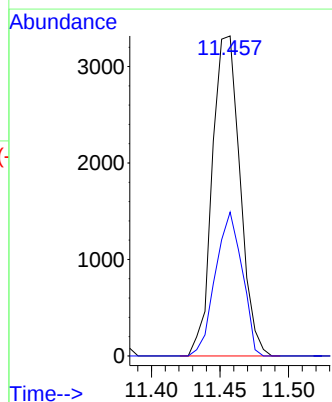
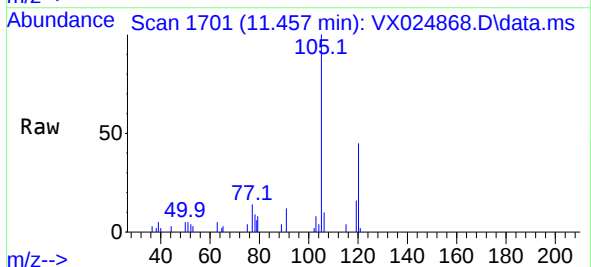
Manual Integrations
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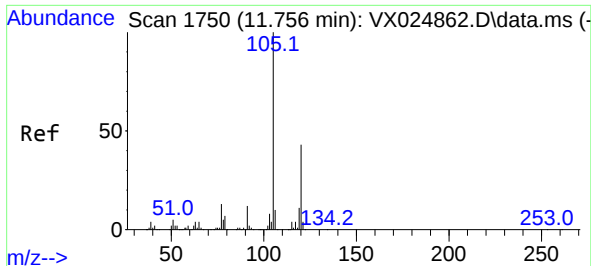
MMDadoda
10/25/2021 10:17:30 AM



#62
1,3,5-Trimethylbenzene
Concen: 0.212 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion: 105 Resp: 4664
Ion Ratio Lower Upper
105 100
120 43.4 33.6 50.4





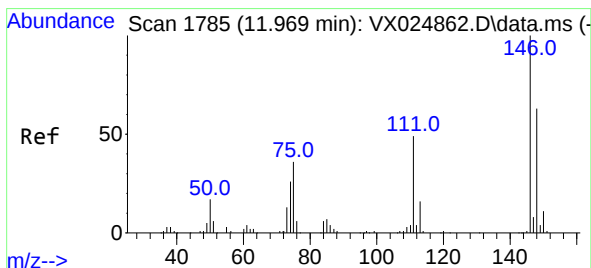
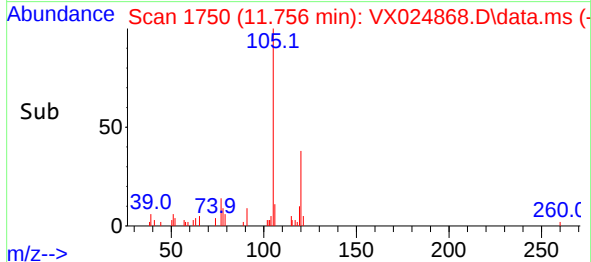
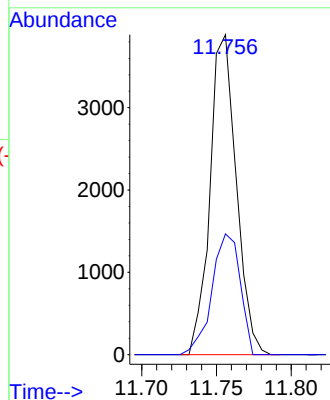
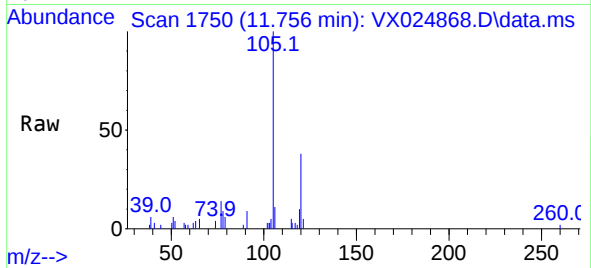
#63
1,2,4-Trimethylbenzene
Concen: 0.211 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion:105 Resp: 4760
Ion Ratio Lower Upper
105 100
120 40.5 32.3 48.5

Instrument :
MSVOA_X
ClientSampled :
MDL01

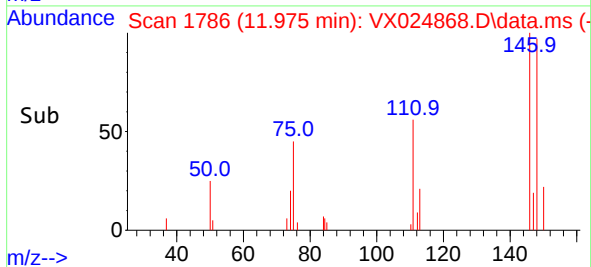
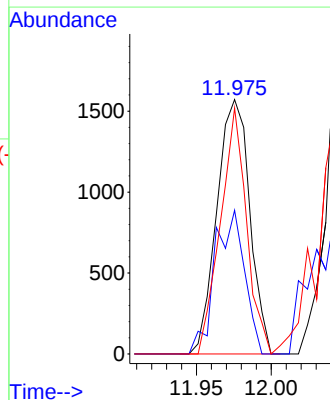
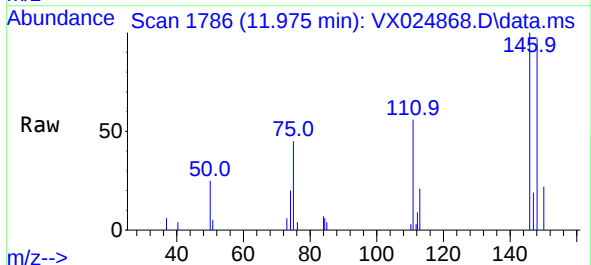
Manual Integrations
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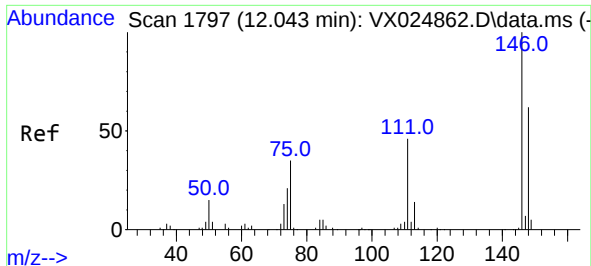
MMDadoda
10/25/2021 10:17:30 AM



#64
1,3-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion:146 Resp: 2402
Ion Ratio Lower Upper
146 100
111 56.5 34.2 63.4
148 96.6 44.1 81.9#





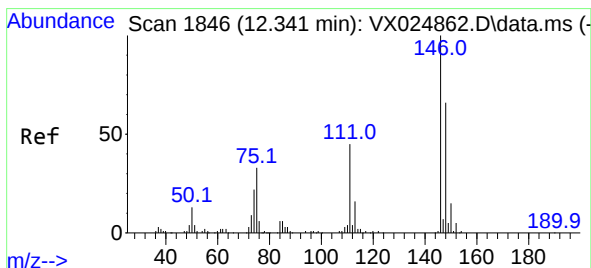
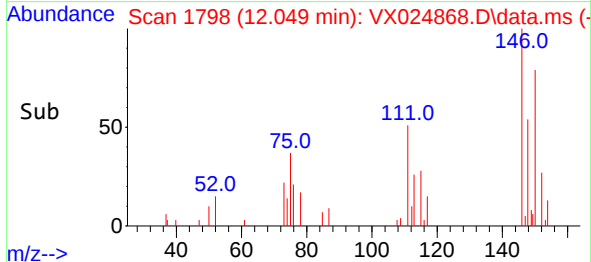
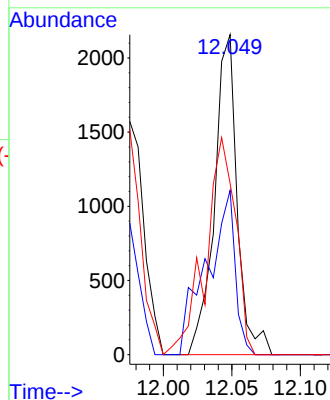
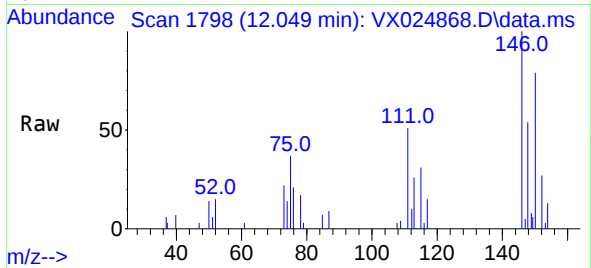
#65
1,4-Dichlorobenzene
Concen: 0.237 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

Tgt Ion:146 Resp: 2492
Ion Ratio Lower Upper
146 100
111 51.3 32.6 60.6
148 53.5 43.3 80.3

Instrument :
MSVOA_X
ClientSampled :
MDL01

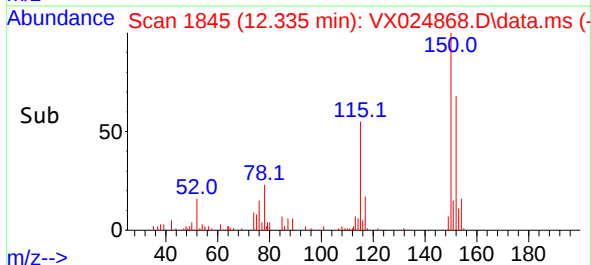
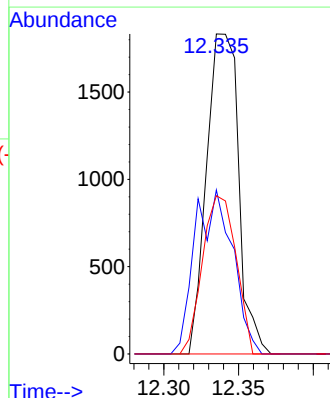
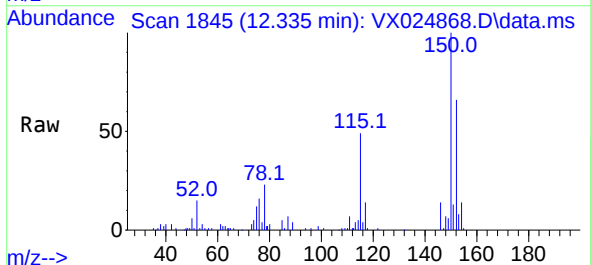
Manual Integrations
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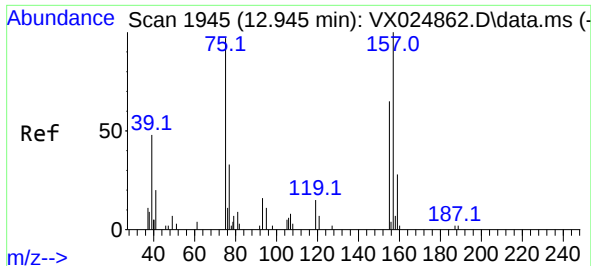
MMDadoda
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#67
1,2-Dichlorobenzene
Concen: 0.283 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

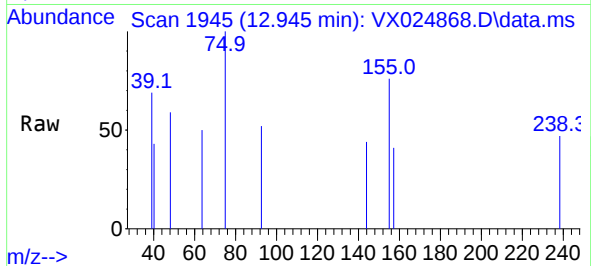
Tgt Ion:146 Resp: 2731
Ion Ratio Lower Upper
146 100
111 51.2 35.9 53.9
148 49.4 53.1 79.7#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.208 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

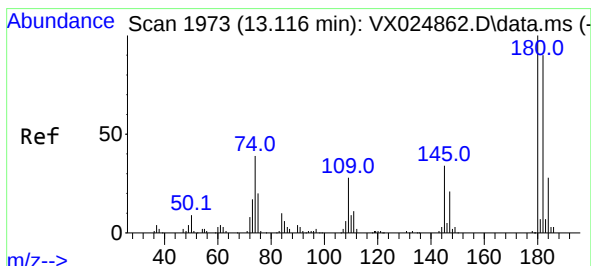
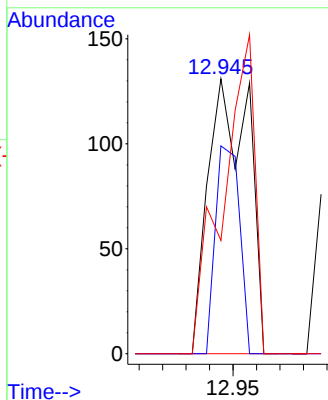
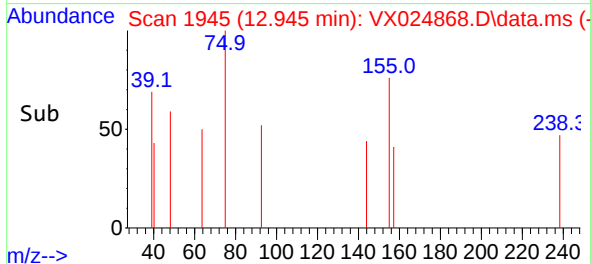
Instrument :
MSVOA_X
ClientSampled :
MDL01



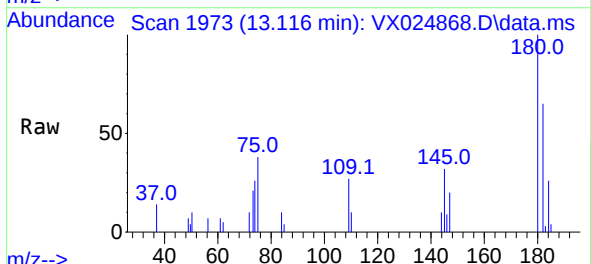
Tgt Ion: 75 Resp: 157
Ion Ratio Lower Upper
75 100
155 75.6 53.6 80.4
157 41.2 82.2 123.4#

Manual Integrations
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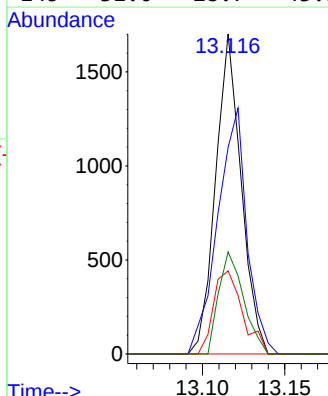
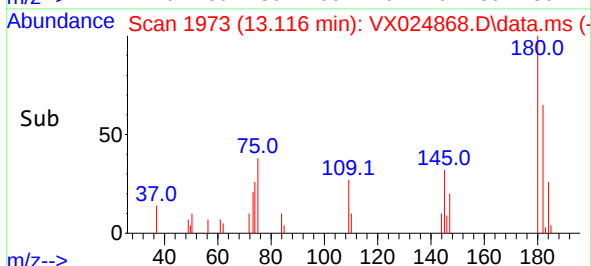
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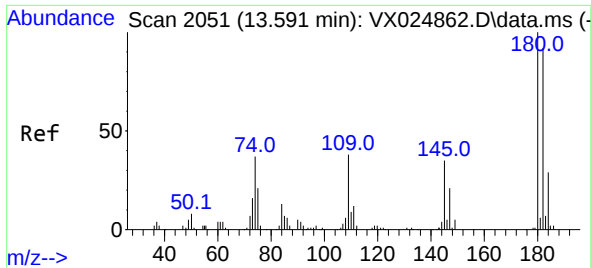


#69
1,3,5-Trichlorobenzene
Concen: 0.230 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



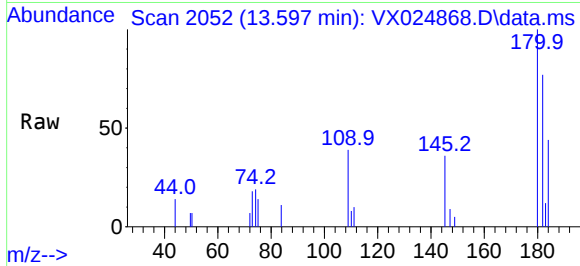
Tgt Ion: 180 Resp: 1842
Ion Ratio Lower Upper
180 100
182 87.9 74.6 111.8
184 29.4 24.0 36.0
145 31.0 28.7 43.1





#70
1,2,4-trichlorobenzene
Concen: 0.210 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51

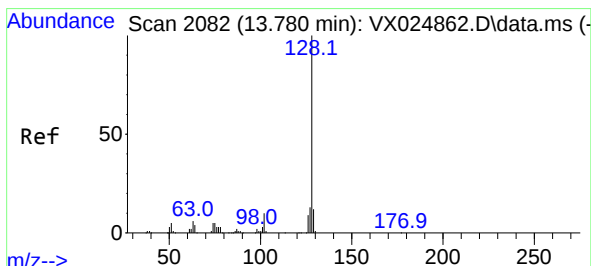
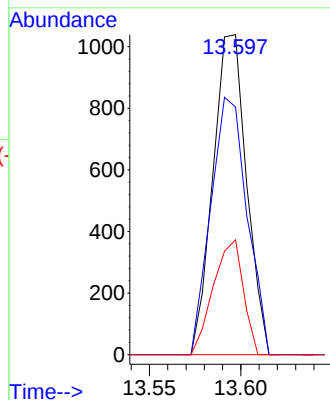
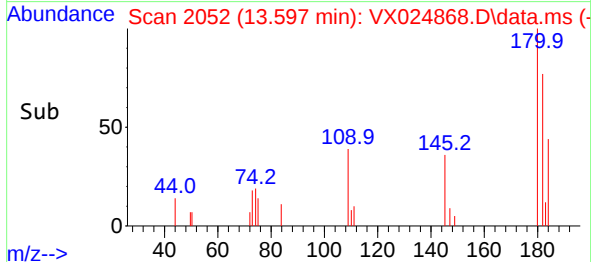
Instrument :
MSVOA_X
ClientSampled :
MDL01



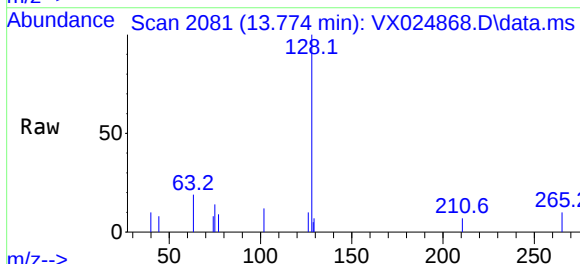
Tgt Ion:180 Resp: 1331
Ion Ratio Lower Upper
180 100
182 86.7 72.1 108.1
145 31.9 27.1 40.7

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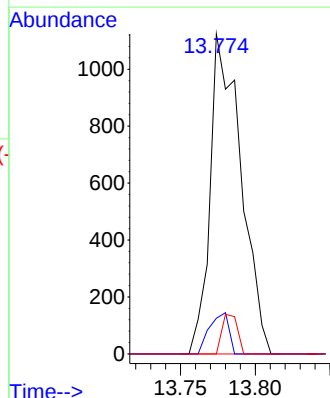
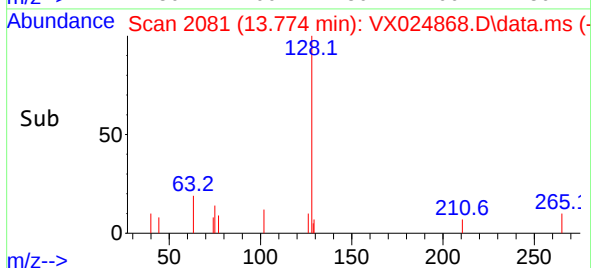
MMDadoda
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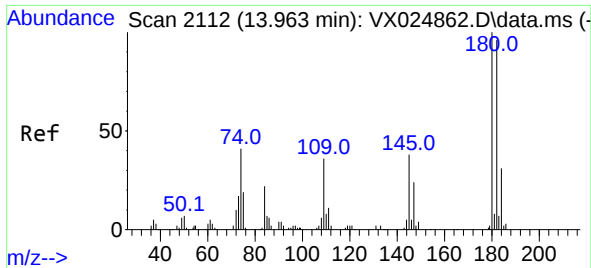


#71
Naphthalene
Concen: 0.142 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024868.D
Acq: 22 Oct 2021 13:51



Tgt Ion:128 Resp: 1613
Ion Ratio Lower Upper
128 100
129 8.0 9.7 14.5#
127 6.1 10.6 15.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.193 ug/L
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX024868.D
 Acq: 22 Oct 2021 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.1	115.7
145	55.5	29.4	44.0#

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:17:30 AM

