

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024974.D
 Acq On : 27 Oct 2021 14:44
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2021 12:34:17 PM

Quant Time: Oct 28 03:12:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	72058	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	67027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	10803	5.107	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.200%
7) Chloroethane-d5	1.672	69	8281	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.306	63	27269	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.483	46	33531	43.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	5.068	84	48980	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.964	65	25776	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.983	84	78553	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	7.318	67	22010	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	8.653	98	78585	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.952	79	11917	5.211	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	9.390	63	37156	45.143	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	17668	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	28028	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1211	0.146	ug/L	97
3) Chloromethane	1.288	50	379	0.131	ug/L	93
5) Vinyl chloride	1.374	62	590	0.167	ug/L #	1
6) Bromomethane	1.617	94	461	0.167	ug/L #	53
8) Chloroethane	1.697	64	384	0.181	ug/L #	82
9) Trichlorofluoromethane	1.892	101	1503	0.143	ug/L #	77
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	1481	0.269	ug/L #	79
12) 1,1-Dichloroethene	2.319	96	938	0.212	ug/L #	1
13) Acetone	2.422	43	1513m	2.608	ug/L	
14) Carbon disulfide	2.520	76	1656	0.137	ug/L #	66
16) Methylene chloride	2.794	84	1071	0.209	ug/L #	66
17) Methyl tert-butyl Ether	3.123	73	1988	0.156	ug/L	96
18) trans-1,2-Dichloroethene	3.099	96	715	0.139	ug/L	86
19) 1,1-Dichloroethane	3.617	63	1418	0.157	ug/L #	65
21) 2-Butanone	4.599	43	1218	1.427	ug/L #	62
22) cis-1,2-Dichloroethene	4.501	96	1227	0.222	ug/L #	63
23) Bromochloromethane	4.903	128	335m	0.134	ug/L	
25) Chloroform	5.099	83	2944m	0.251	ug/L	
27) 1,2-Dichloroethane	6.111	62	1353m	0.189	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
 Data File : VX024974.D
 Acq On : 27 Oct 2021 14:44
 Operator : JC/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

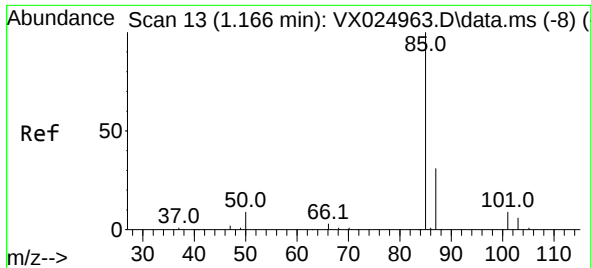
MMDadoda
 10/28/2021 12:34:17 PM

Quant Time: Oct 28 03:12:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 03:09:30 2021
 Response via : Initial Calibration

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

29) 1,1,1-Trichloroethane	5.397	97	1973m	0.170	ug/L	
30) Cyclohexane	5.483	56	1063	0.147	ug/L #	88
31) Carbon tetrachloride	5.684	117	1891	0.189	ug/L #	59
33) Benzene	6.037	78	3174	0.162	ug/L	100
34) Trichloroethene	7.135	95	1240	0.194	ug/L #	76
35) Methylcyclohexane	7.385	83	1282	0.144	ug/L #	83
37) 1,2-Dichloropropane	7.440	63	782	0.163	ug/L #	87
38) Bromodichloromethane	7.836	83	1418	0.178	ug/L #	56
39) cis-1,3-Dichloropropene	8.372	75	1078	0.134	ug/L	92
40) 4-Methyl-2-pentanone	8.574	43	2869	1.345	ug/L #	81
42) Toluene	8.720	91	5169	0.226	ug/L	80
44) trans-1,3-Dichloropropene	8.982	75	1442	0.197	ug/L #	81
45) 1,1,2-Trichloroethane	9.153	97	583	0.151	ug/L #	66
47) Tetrachloroethene	9.281	164	837	0.188	ug/L #	50
48) 2-Hexanone	9.439	43	2379	1.528	ug/L	93
49) Dibromochloromethane	9.531	129	766	0.152	ug/L	90
50) 1,2-Dibromoethane	9.610	107	788	0.204	ug/L #	55
51) Chlorobenzene	10.085	112	2244	0.154	ug/L	87
52) Ethylbenzene	10.201	91	4232	0.157	ug/L	100
53) m,p-xylene	10.305	106	1749	0.182	ug/L	72
54) o-xylene	10.646	106	1454	0.156	ug/L	64
55) Styrene	10.659	104	2332	0.149	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	767	0.173	ug/L #	63
59) Bromoform	10.799	173	452	0.192	ug/L #	75
60) Isopropylbenzene	10.963	105	3641	0.135	ug/L #	88
61) 1,2,3-Trichloropropane	11.232	75	549	0.166	ug/L #	73
62) 1,3,5-Trimethylbenzene	11.451	105	3191	0.135	ug/L	91
63) 1,2,4-Trimethylbenzene	11.756	105	3517	0.145	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	1252	0.111	ug/L #	44
65) 1,4-Dichlorobenzene	12.042	146	1676	0.149	ug/L #	75
67) 1,2-Dichlorobenzene	12.335	146	1273	0.123	ug/L #	73
68) 1,2-Dibromo-3-chloropr...	12.951	75	109	0.135	ug/L #	32
69) 1,3,5-Trichlorobenzene	13.115	180	1165	0.136	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	726	0.107	ug/L #	87
71) Naphthalene	13.786	128	1088	0.089	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.969	180	625	0.103	ug/L #	78

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



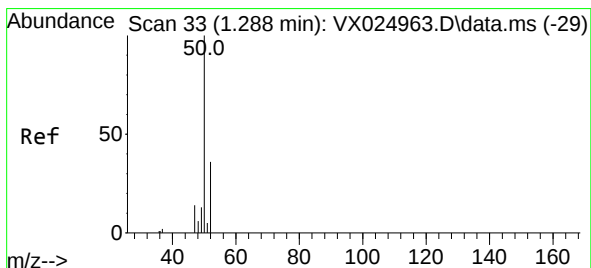
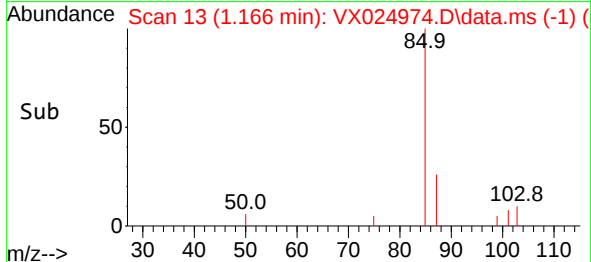
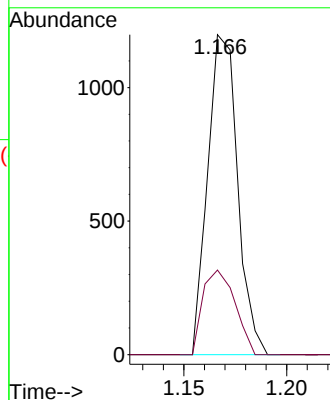
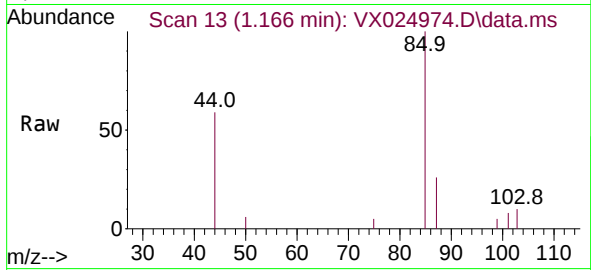
#2
 Dichlorodifluoromethane
 Concen: 0.146 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX024974.D
 Acq: 27 Oct 2021 14:44

Tgt Ion: 85 Resp: 1211
 Ion Ratio Lower Upper
 85 100
 87 28.5 24.1 36.1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

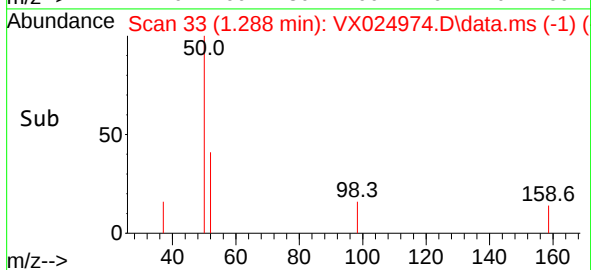
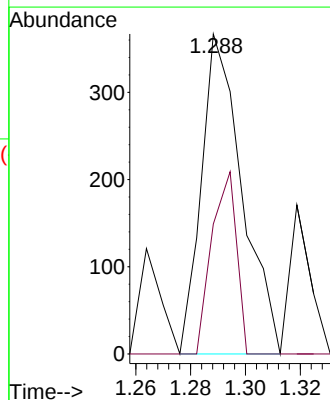
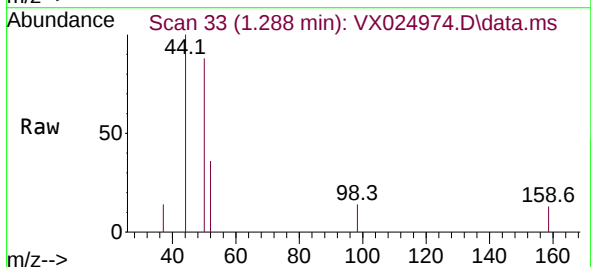
Manual Integrations
 APPROVED

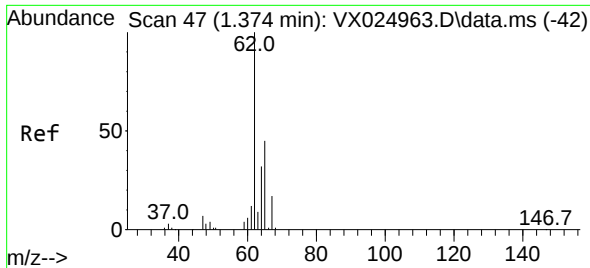
MMDadoda
 10/28/2021 12:34:17 PM



#3
 Chloromethane
 Concen: 0.131 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX024974.D
 Acq: 27 Oct 2021 14:44

Tgt Ion: 50 Resp: 379
 Ion Ratio Lower Upper
 50 100
 52 40.6 25.5 47.3





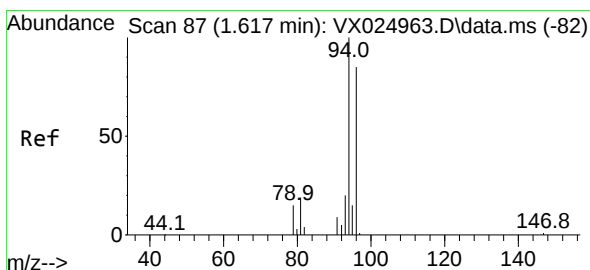
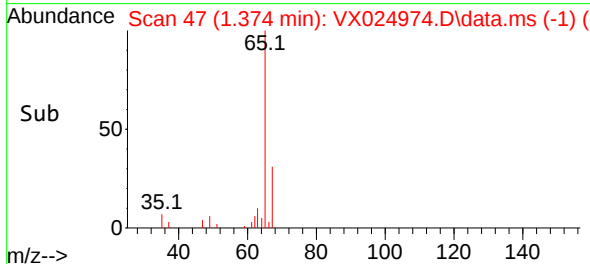
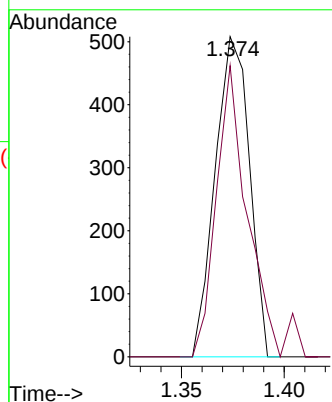
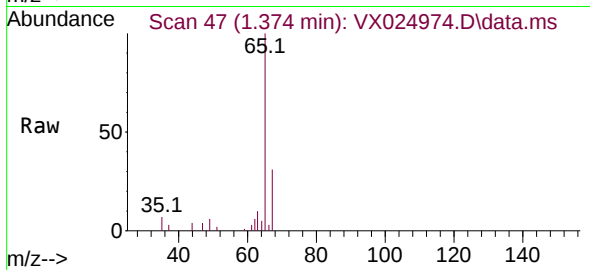
#5
 Vinyl chloride
 Concen: 0.167 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX024974.D
 Acq: 27 Oct 2021 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Tgt Ion: 62 Resp: 590
 Ion Ratio Lower Upper
 62 100
 64 90.9 23.7 44.1#

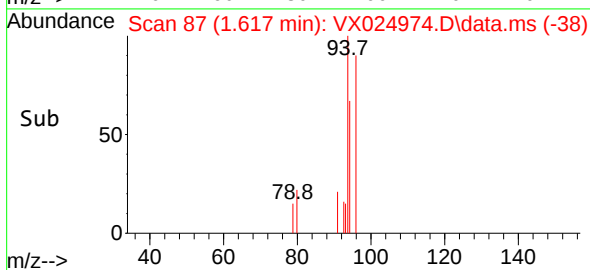
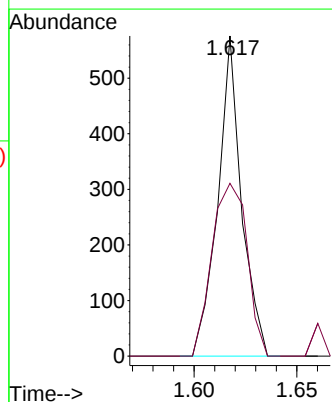
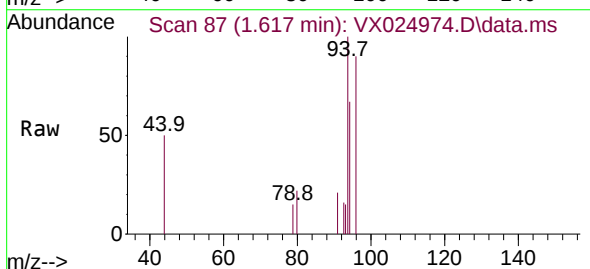
Manual Integrations
 APPROVED

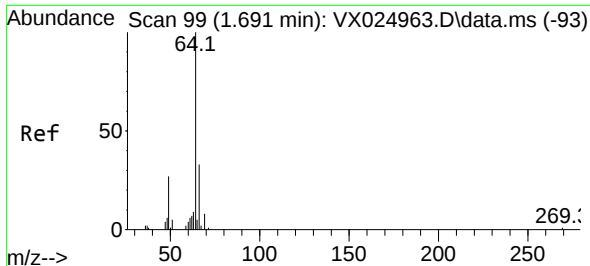
MMDadoda
 10/28/2021 12:34:17 PM



#6
 Bromomethane
 Concen: 0.167 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX024974.D
 Acq: 27 Oct 2021 14:44

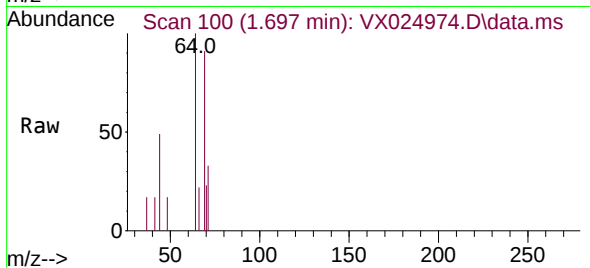
Tgt Ion: 94 Resp: 461
 Ion Ratio Lower Upper
 94 100
 96 54.0 70.9 131.7#





#8
Chloroethane
Concen: 0.181 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

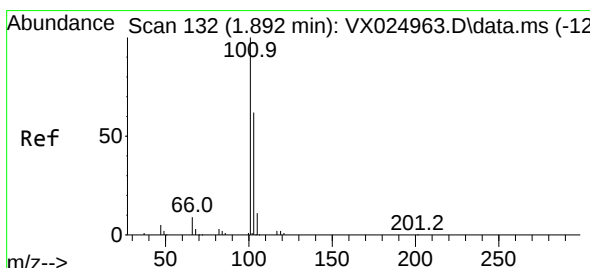
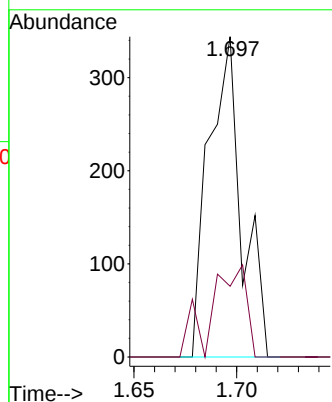
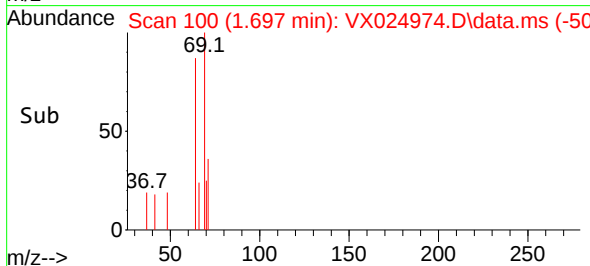
Instrument :
MSVOA_X
ClientSampleId :
MDL01



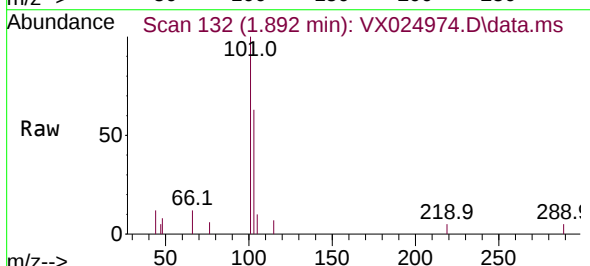
Tgt Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 22.1 22.6 42.0#

Manual Integrations
APPROVED

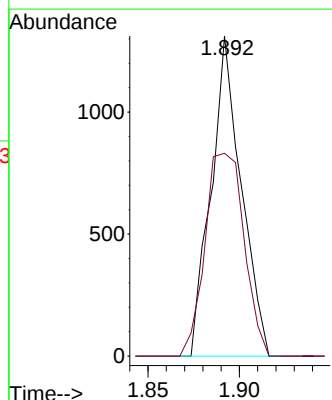
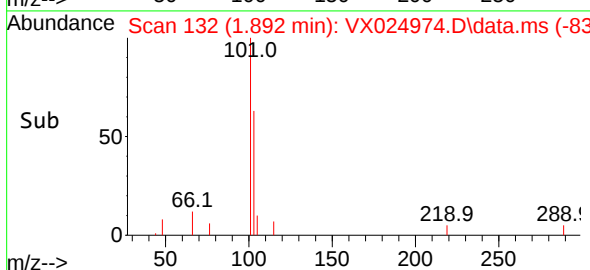
MMDadoda
10/28/2021 12:34:17 PM

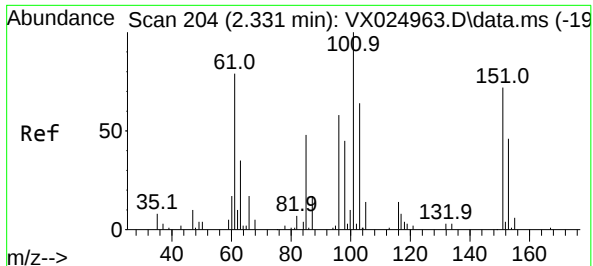


#9
Trichlorofluoromethane
Concen: 0.143 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



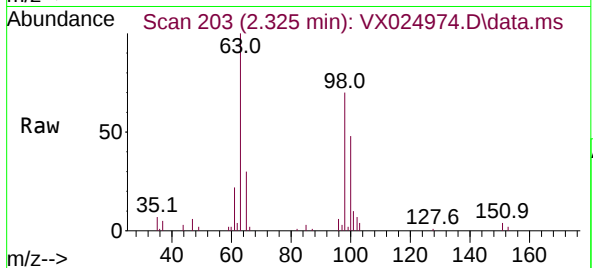
Tgt Ion: 101 Resp: 1503
Ion Ratio Lower Upper
101 100
103 82.2 51.2 76.8#





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.269 ug/L
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

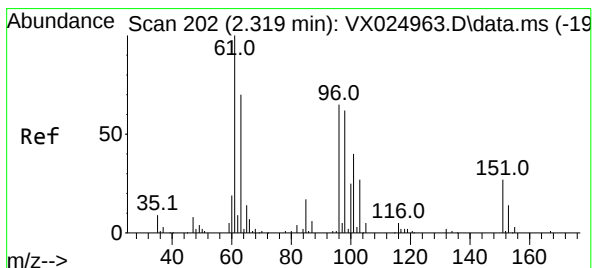
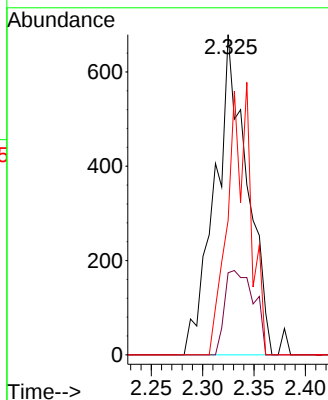
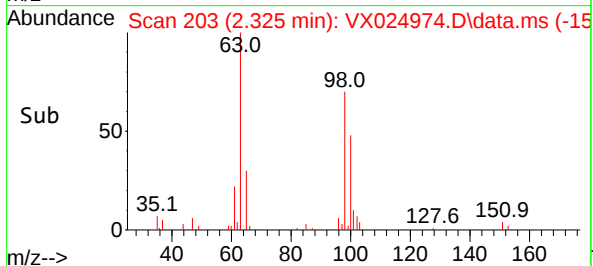
Instrument :
MSVOA_X
ClientSampled :
MDL01



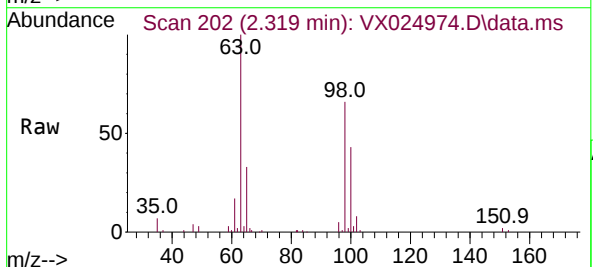
Tgt Ion:101 Resp: 1481
Ion Ratio Lower Upper
101 100
85 24.0 34.3 51.5#
151 59.7 58.3 87.5

Manual Integrations
APPROVED

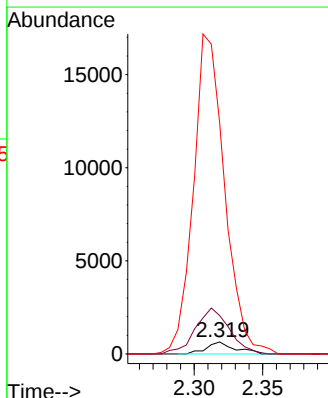
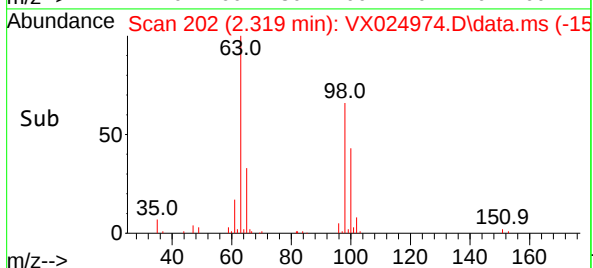
MMDadoda
10/28/2021 12:34:17 PM

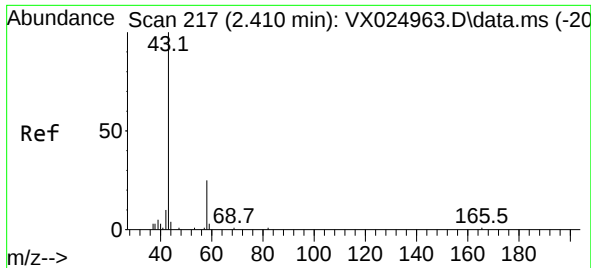


#12
1,1-Dichloroethene
Concen: 0.212 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



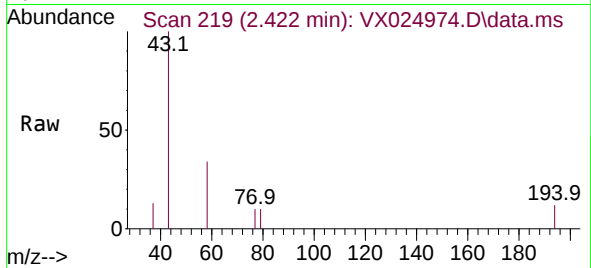
Tgt Ion: 96 Resp: 938
Ion Ratio Lower Upper
96 100
61 318.4 110.2 204.8#
63 1920.9 63.1 117.1#





#13
Acetone
Concen: 2.608 ug/L m
RT: 2.422 min Scan# 219
Delta R.T. 0.012 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

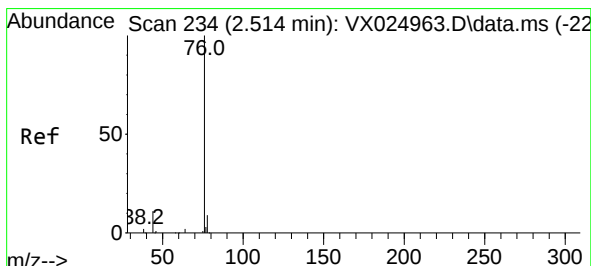
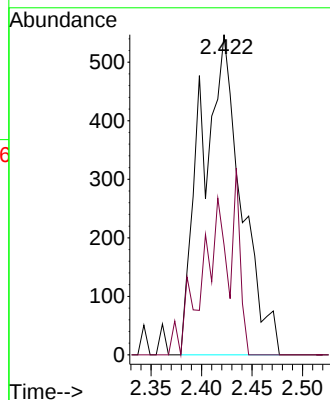
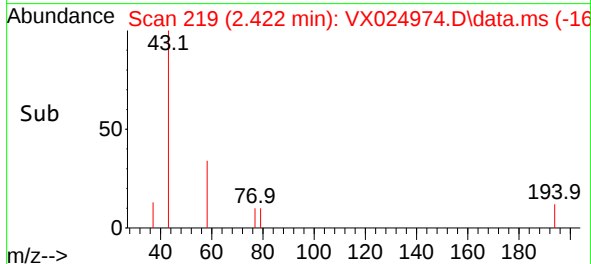
Instrument :
MSVOA_X
ClientSampleId :
MDL01



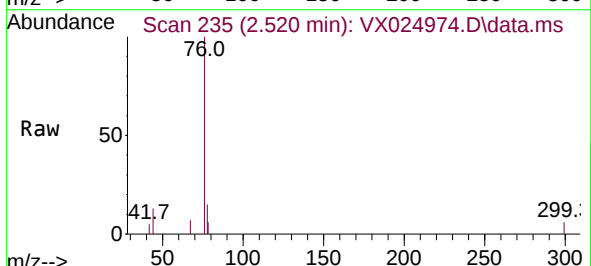
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 29.7 0.0 64.2

Manual Integrations
APPROVED

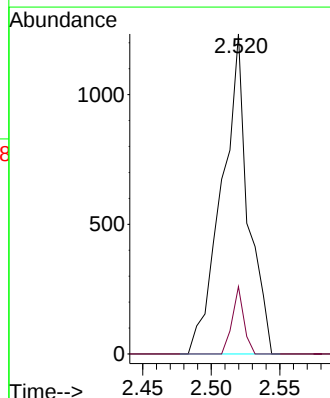
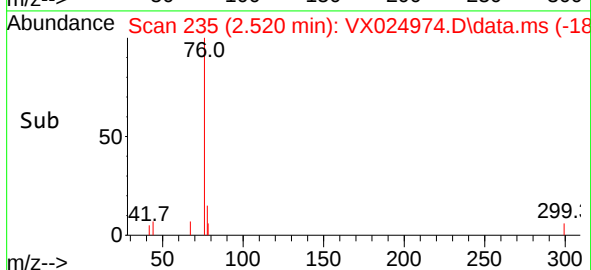
MMDadoda
10/28/2021 12:34:17 PM

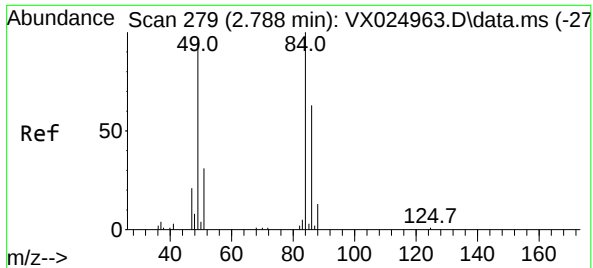


#14
Carbon disulfide
Concen: 0.137 ug/L
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

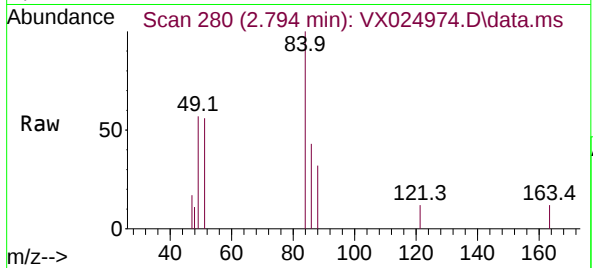


Tgt Ion: 76 Resp: 1656
Ion Ratio Lower Upper
76 100
78 21.1 7.1 10.7#

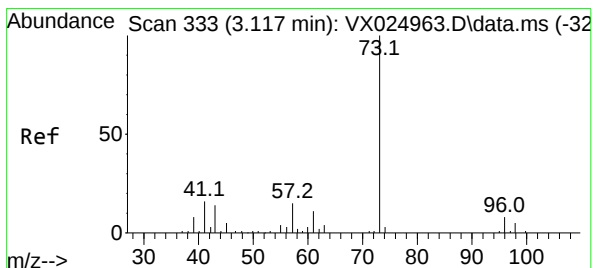
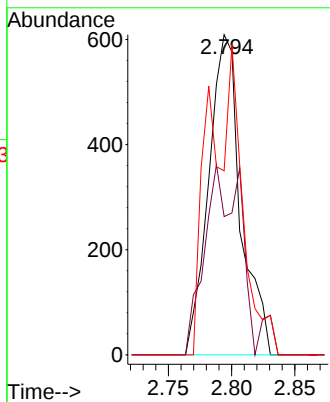
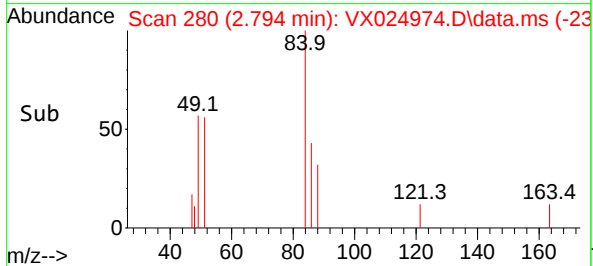




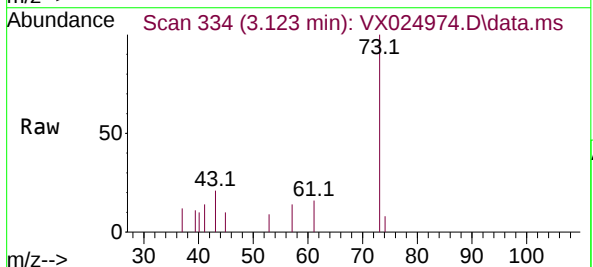
#16
Methylene chloride
Concen: 0.209 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



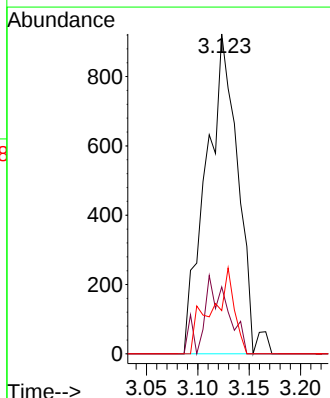
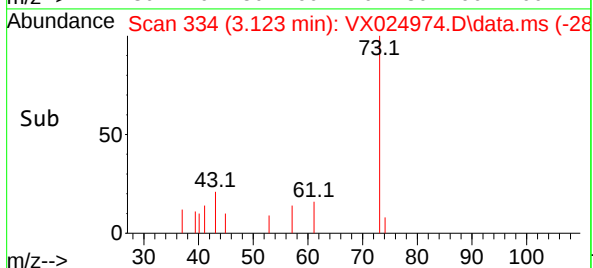
Tgt Ion: 84 Resp: 1071
Ion Ratio Lower Upper
84 100
86 43.2 49.5 91.9#
49 57.5 62.7 116.5#



#17
Methyl tert-butyl Ether
Concen: 0.156 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



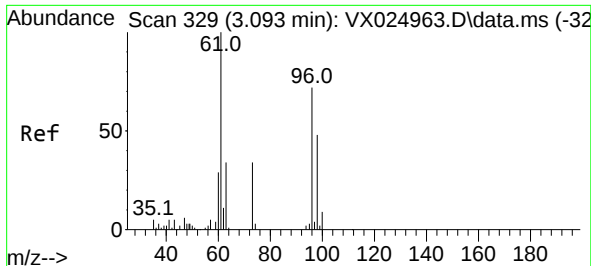
Tgt Ion: 73 Resp: 1988
Ion Ratio Lower Upper
73 100
43 18.7 13.6 20.4
57 19.5 14.5 21.7



Instrument :
MSVOA_X
ClientSampled :
MDL01

Manual Integrations
APPROVED

MMDadoda
10/28/2021 12:34:17 PM



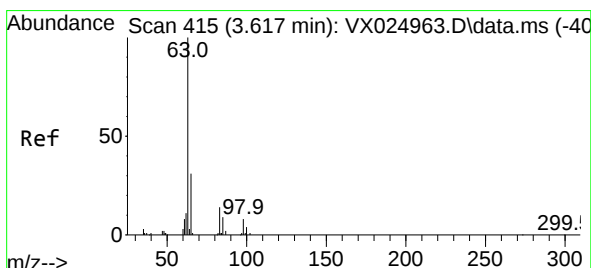
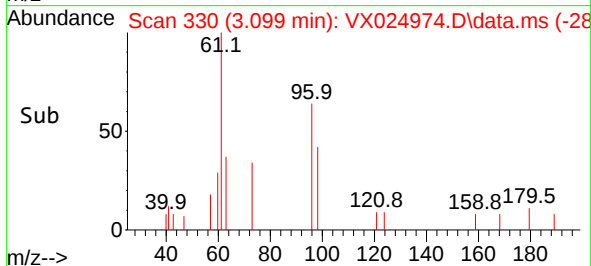
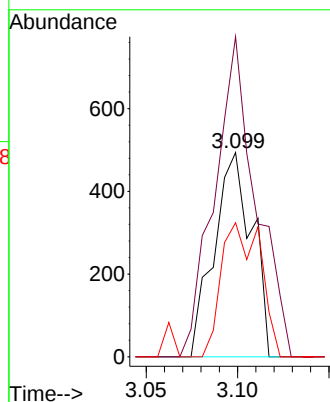
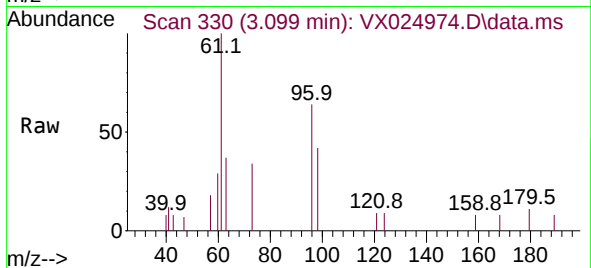
#18
trans-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion:	96	Resp:	715
Ion	Ratio	Lower	Upper
96	100		
61	156.7	92.7	172.3
98	65.6	46.6	86.6

Instrument :
MSVOA_X
ClientSampled :
MDL01

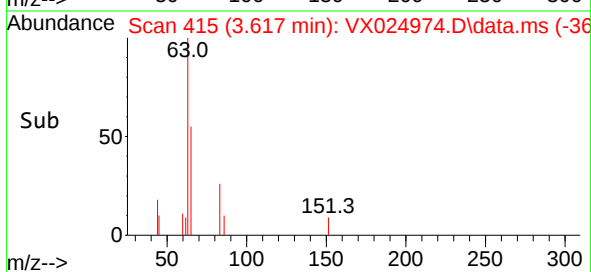
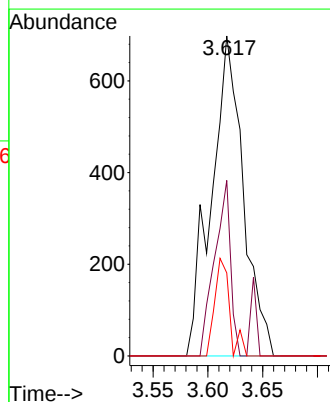
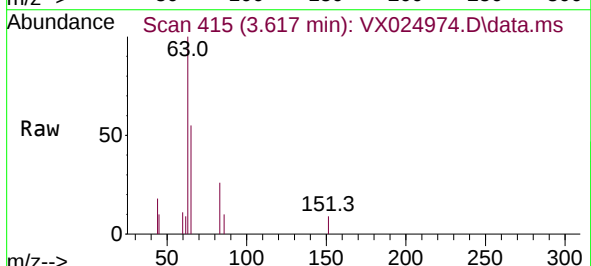
Manual Integrations
APPROVED

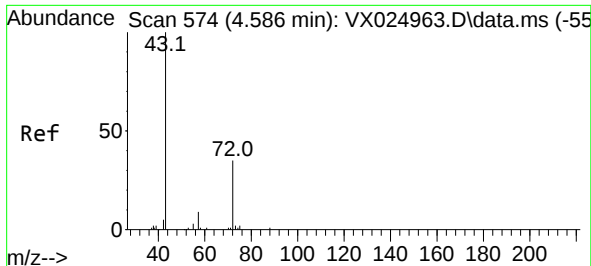
MMDadoda
10/28/2021 12:34:17 PM



#19
1,1-Dichloroethane
Concen: 0.157 ug/L
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion:	63	Resp:	1418
Ion	Ratio	Lower	Upper
63	100		
65	54.9	22.3	41.3#
83	25.9	11.5	21.3#





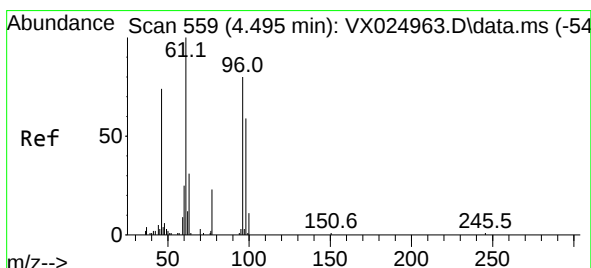
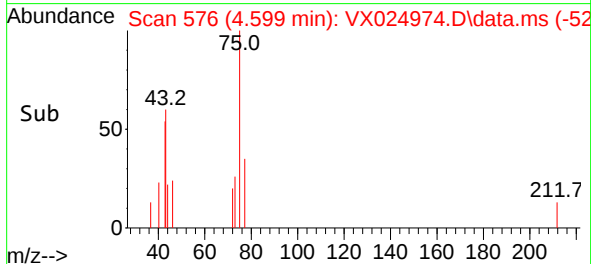
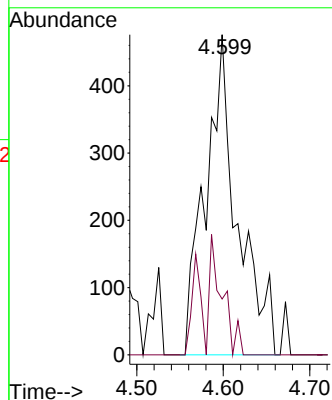
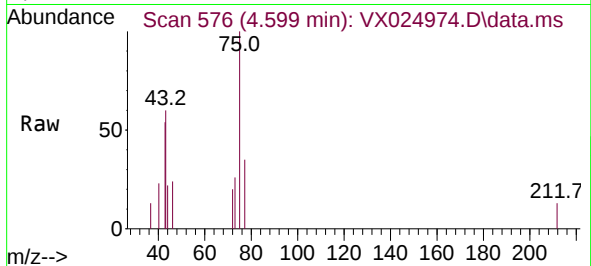
#21
2-Butanone
Concen: 1.427 ug/L
RT: 4.599 min Scan# 576
Delta R.T. 0.012 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
72 15.1 18.9 56.9#

Instrument :
MSVOA_X
ClientSampled :
MDL01

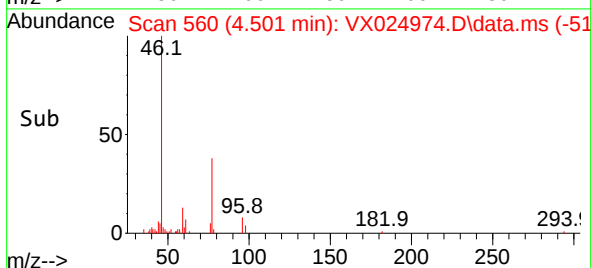
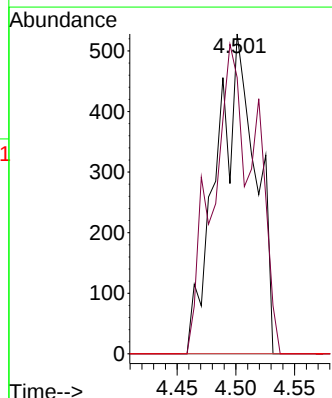
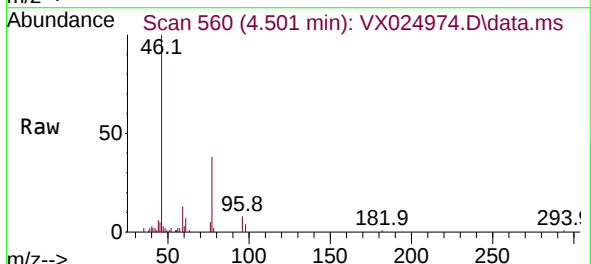
Manual Integrations
APPROVED

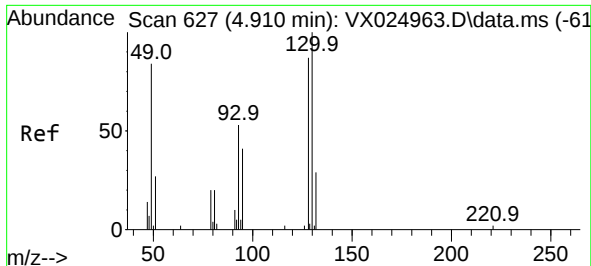
MMDadoda
10/28/2021 12:34:17 PM



#22
cis-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

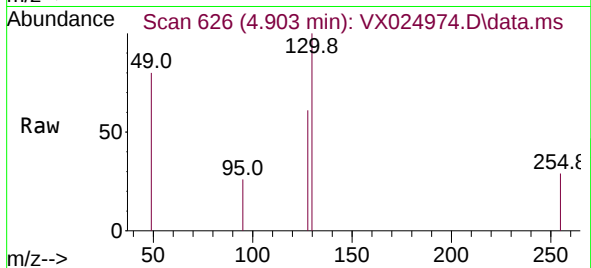
Tgt Ion: 96 Resp: 1227
Ion Ratio Lower Upper
96 100
61 86.4 90.3 167.7#
68 0.0 0.0 0.0





#23
Bromochloromethane
Concen: 0.134 ug/L m
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

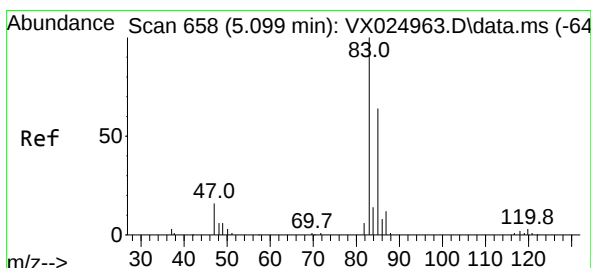
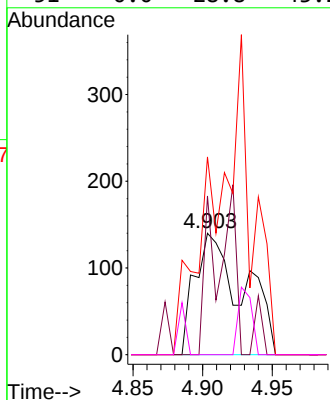
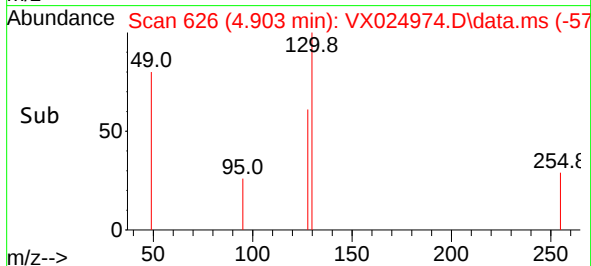
Instrument :
MSVOA_X
ClientSampled :
MDL01



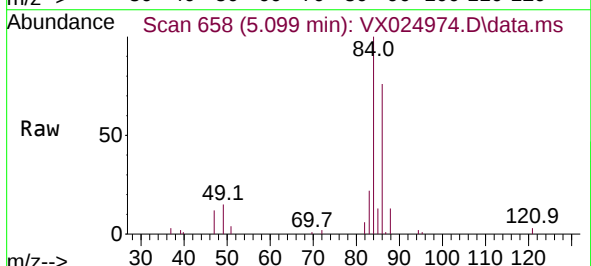
Tgt Ion:128 Resp: 335
Ion Ratio Lower Upper
128 100
49 130.7 85.8 159.3
130 162.9 81.4 151.2#
51 0.0 28.8 43.2#

Manual Integrations
APPROVED

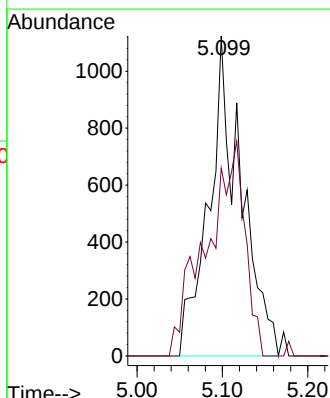
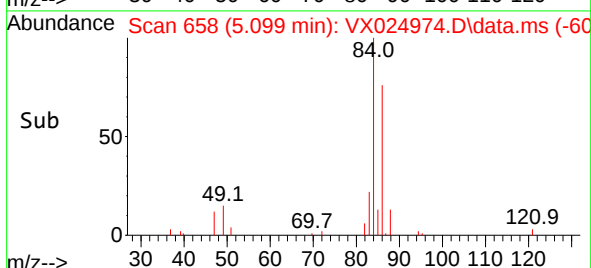
MMDadoda
10/28/2021 12:34:17 PM

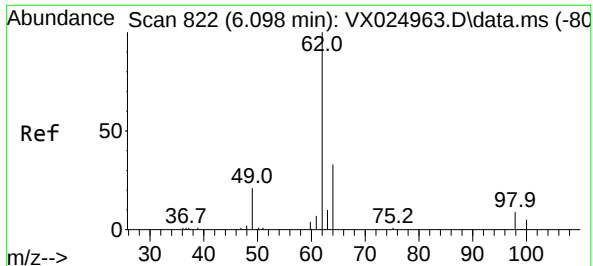


#25
Chloroform
Concen: 0.251 ug/L m
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



Tgt Ion: 83 Resp: 2944
Ion Ratio Lower Upper
83 100
85 58.7 47.0 87.4





#27

1,2-Dichloroethane

Concen: 0.189 ug/L m

RT: 6.111 min Scan# 824

Delta R.T. 0.012 min

Lab File: VX024974.D

Acq: 27 Oct 2021 14:44

Tgt Ion: 62 Resp: 1353

Ion Ratio Lower Upper

62 100

98 0.0 4.1 6.1#

Instrument :

MSVOA_X

ClientSampled :

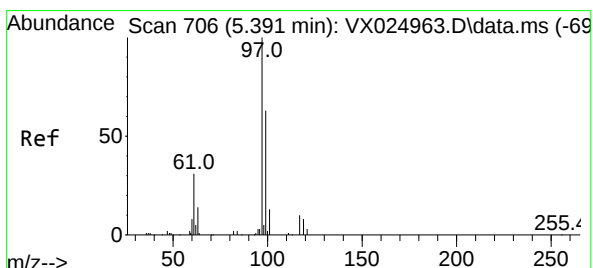
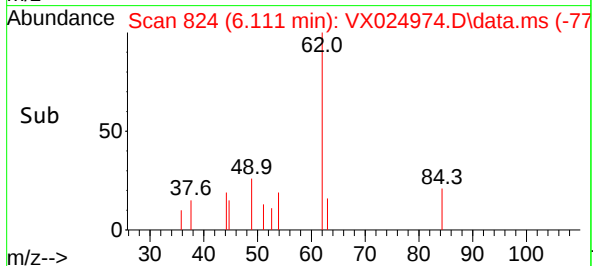
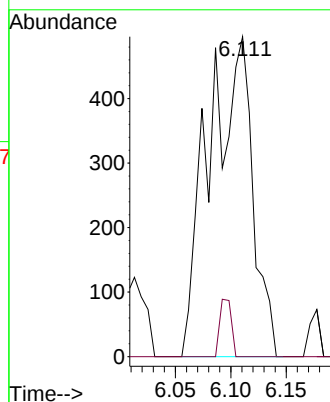
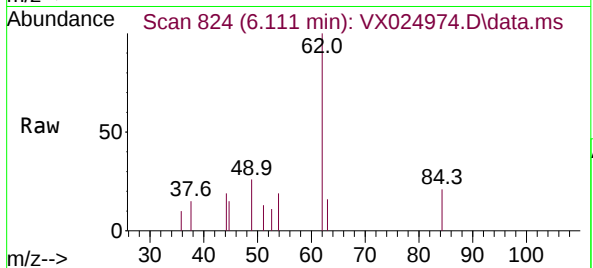
MDL01

Manual Integrations

APPROVED

MMDadoda

10/28/2021 12:34:17 PM



#29

1,1,1-Trichloroethane

Concen: 0.170 ug/L m

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX024974.D

Acq: 27 Oct 2021 14:44

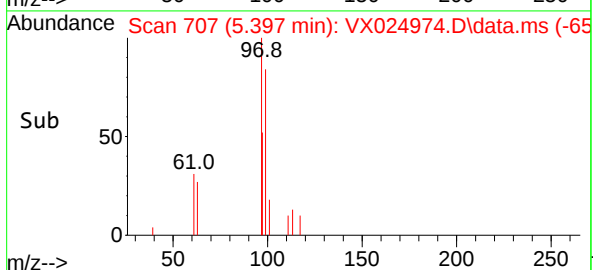
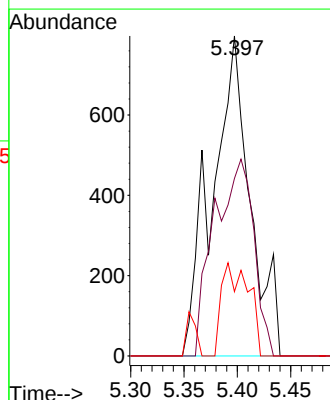
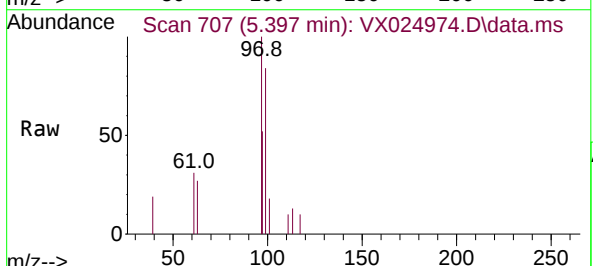
Tgt Ion: 97 Resp: 1973

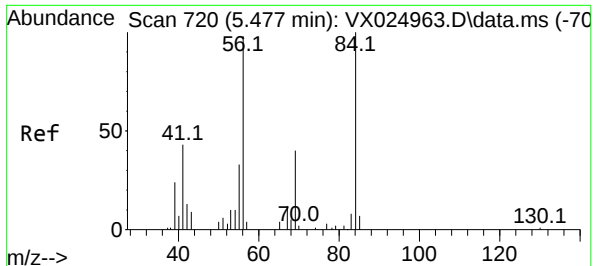
Ion Ratio Lower Upper

97 100

99 63.7 50.2 75.4

61 20.6 27.0 40.6#





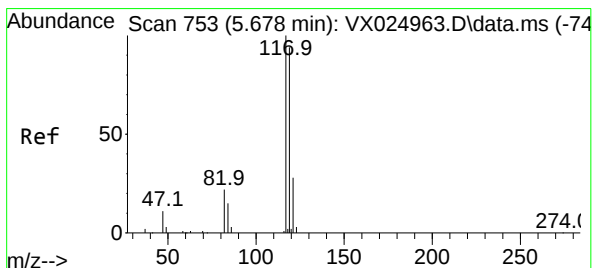
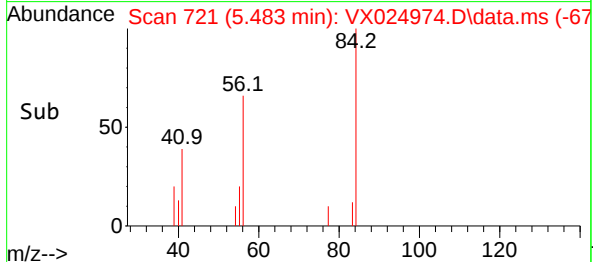
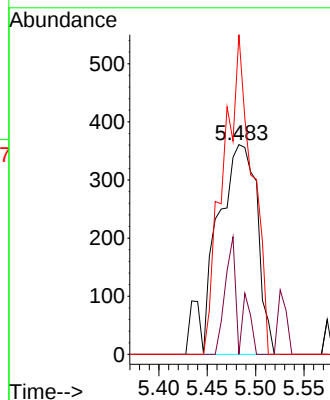
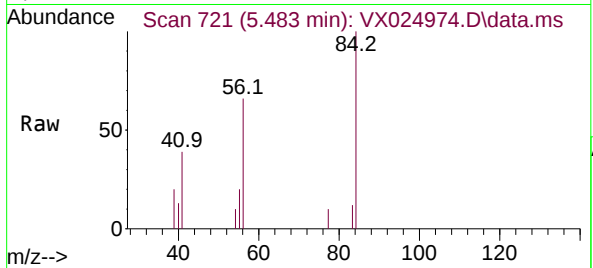
#30
Cyclohexane
Concen: 0.147 ug/L
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 56 Resp: 1063
Ion Ratio Lower Upper
56 100
69 19.8 27.1 40.7#
84 108.5 81.0 121.4

Instrument :
MSVOA_X
ClientSampled :
MDL01

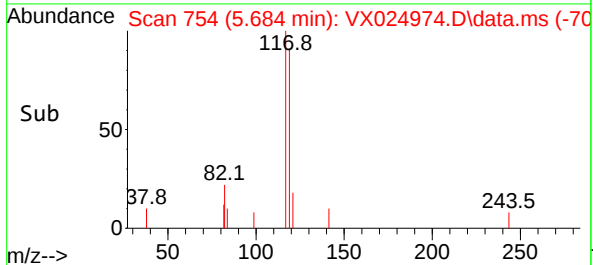
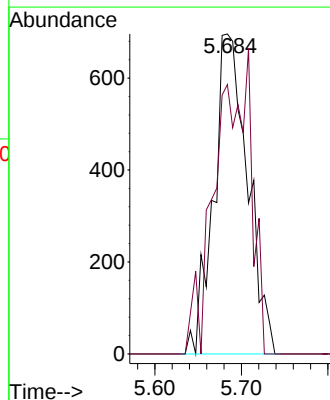
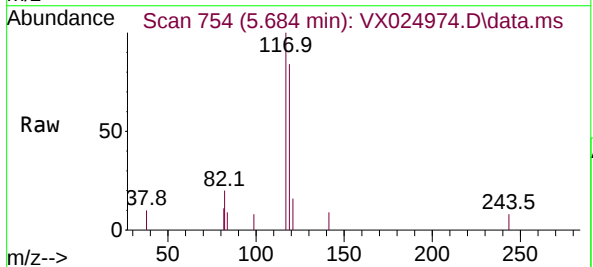
Manual Integrations
APPROVED

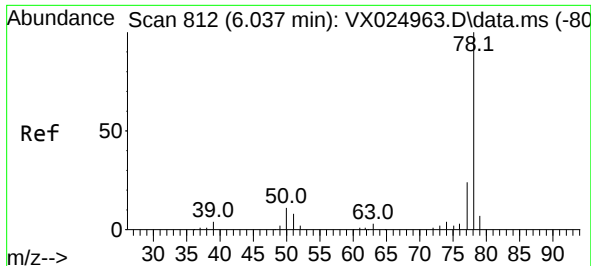
MMDadoda
10/28/2021 12:34:17 PM



#31
Carbon tetrachloride
Concen: 0.189 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 117 Resp: 1891
Ion Ratio Lower Upper
117 100
119 56.5 76.9 115.3#





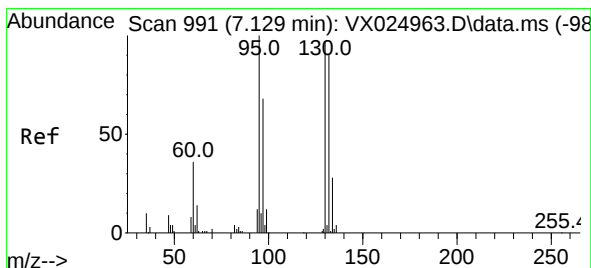
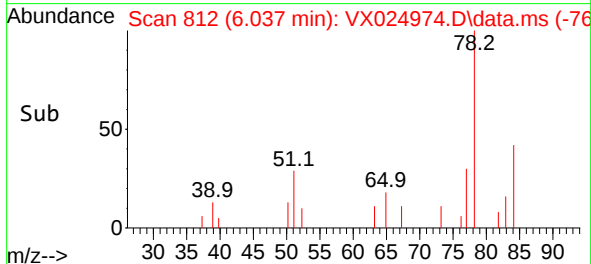
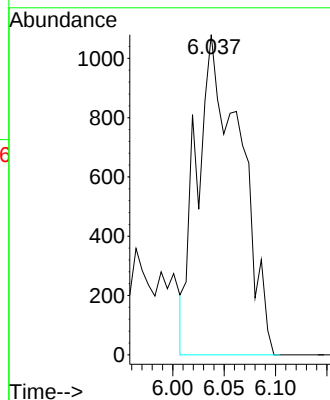
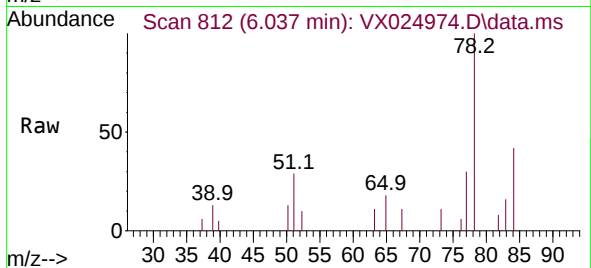
#33
Benzene
Concen: 0.162 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 78 Resp: 3174

Instrument :
MSVOA_X
ClientSampleId :
MDL01

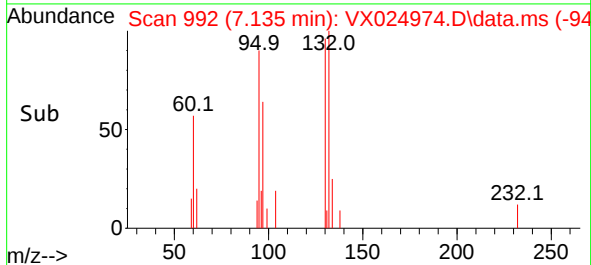
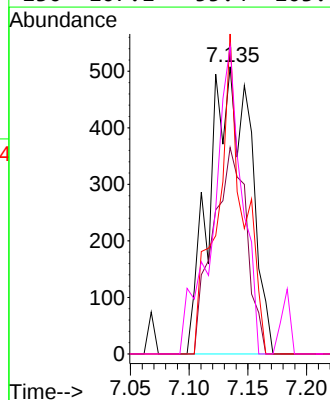
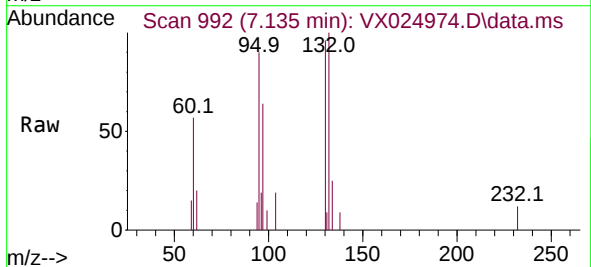
Manual Integrations
APPROVED

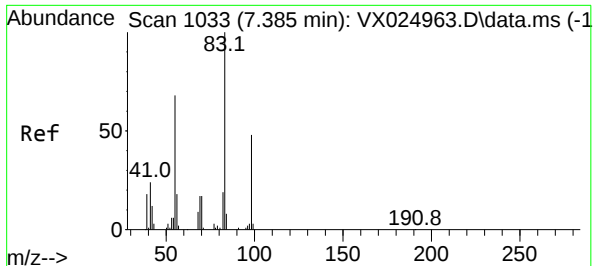
MMDadoda
10/28/2021 12:34:17 PM



#34
Trichloroethene
Concen: 0.194 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 95 Resp: 1240
Ion Ratio Lower Upper
95 100
97 71.9 46.6 86.6
132 111.4 58.4 108.6#
130 107.1 55.4 103.0#





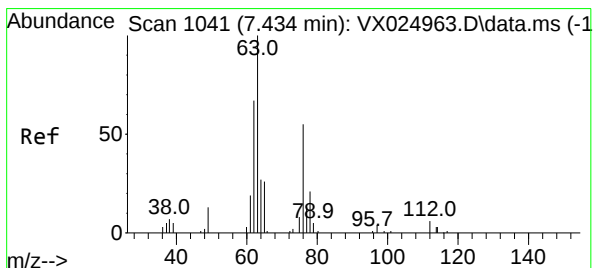
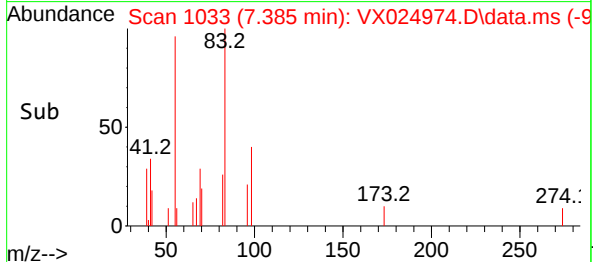
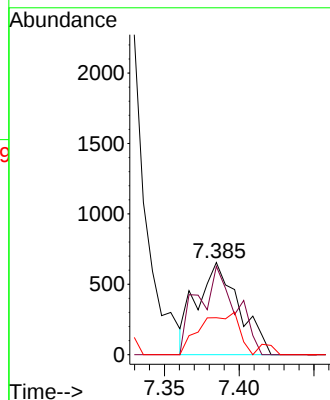
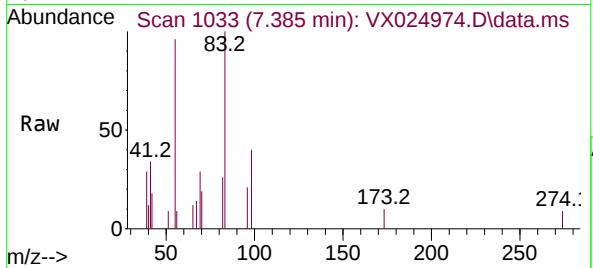
#35
Methylcyclohexane
Concen: 0.144 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 83 Resp: 1282
Ion Ratio Lower Upper
83 100
55 87.8 55.7 83.5#
98 41.9 38.3 57.5

Instrument :
MSVOA_X
ClientSampled :
MDL01

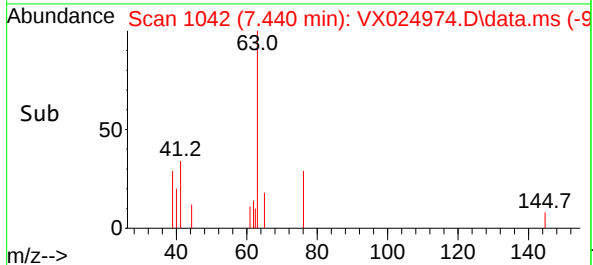
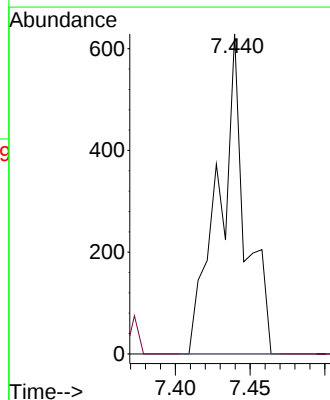
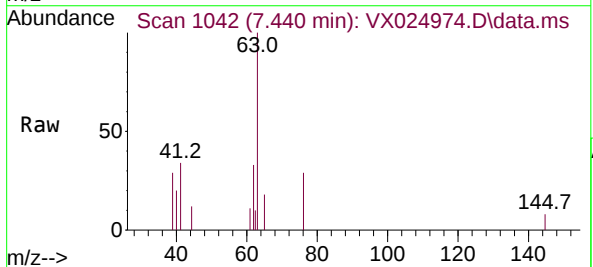
Manual Integrations
APPROVED

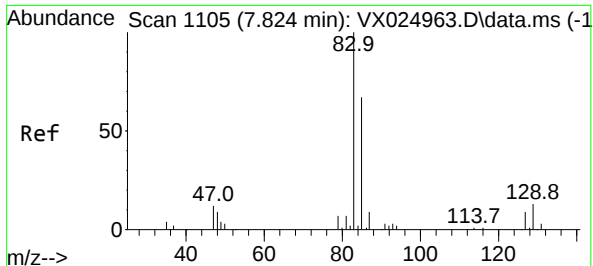
MMDadoda
10/28/2021 12:34:17 PM



#37
1,2-Dichloropropane
Concen: 0.163 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 63 Resp: 782
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





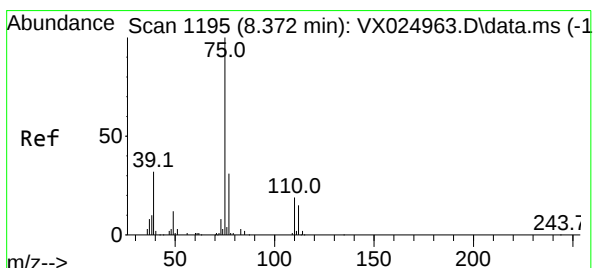
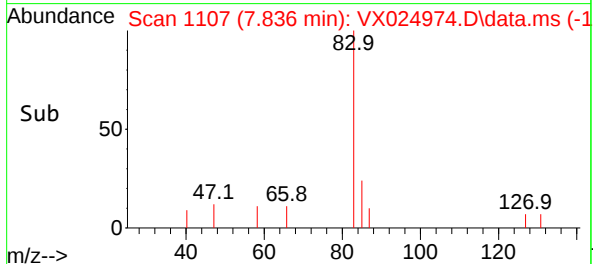
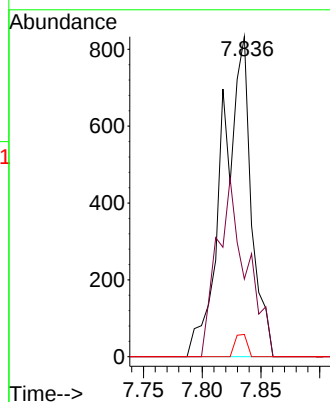
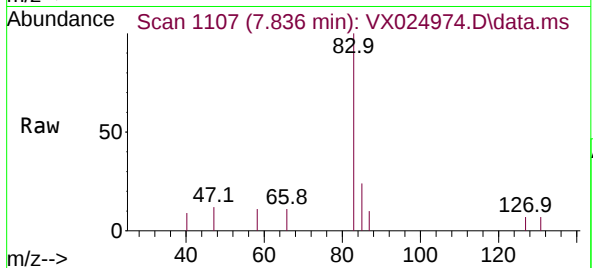
#38
Bromodichloromethane
Concen: 0.178 ug/L
RT: 7.836 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 83 Resp: 1418
Ion Ratio Lower Upper
83 100
85 24.2 43.5 80.9#
127 7.0 6.9 10.3

Instrument :
MSVOA_X
ClientSampled :
MDL01

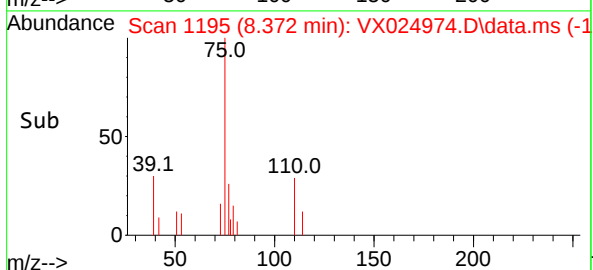
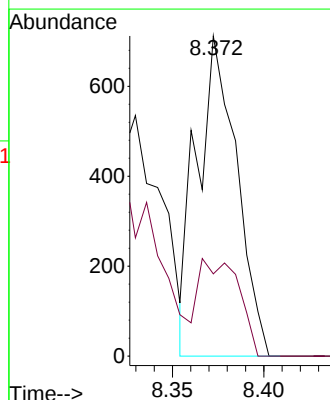
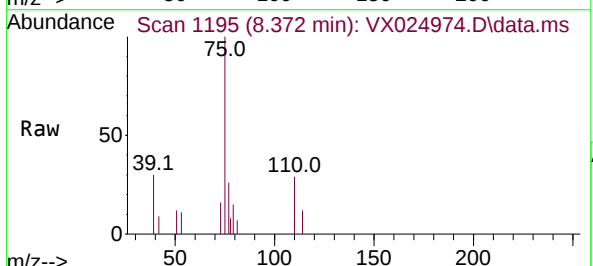
Manual Integrations
APPROVED

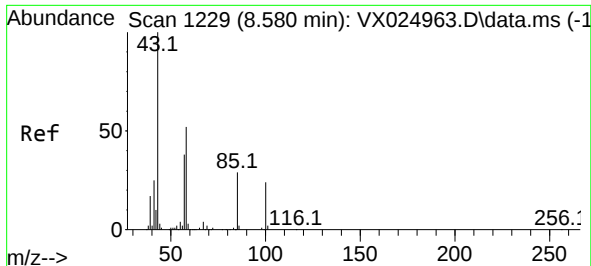
MMDadoda
10/28/2021 12:34:17 PM



#39
cis-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

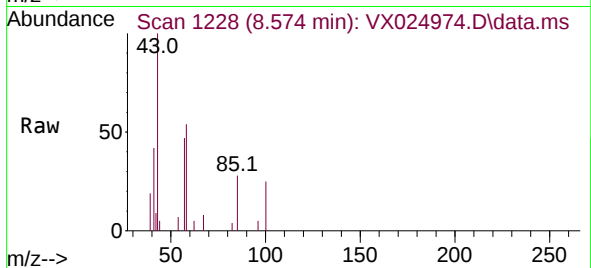
Tgt Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
77 25.7 20.9 38.9





#40
4-Methyl-2-pentanone
Concen: 1.345 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

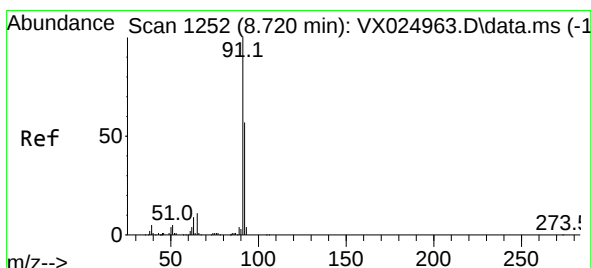
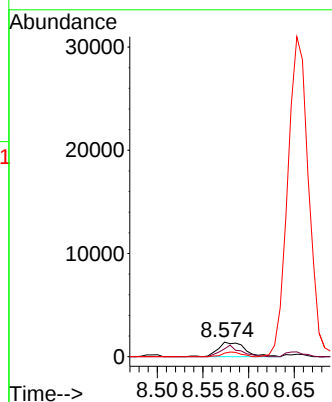
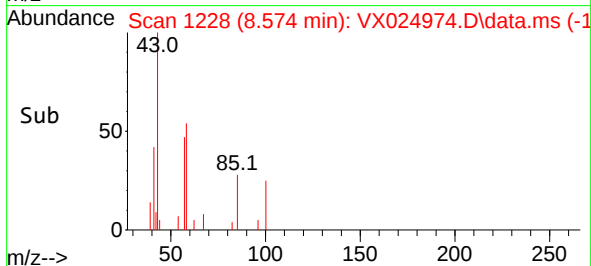
Instrument :
MSVOA_X
ClientSampled :
MDL01



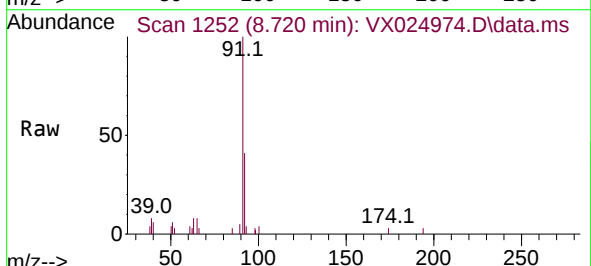
Tgt Ion: 43 Resp: 2869
Ion Ratio Lower Upper
43 100
58 55.4 40.1 60.1
100 0.0 17.4 26.0#

Manual Integrations
APPROVED

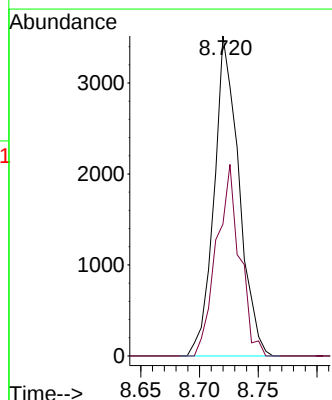
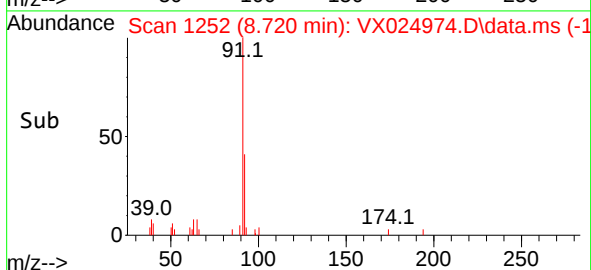
MMDadoda
10/28/2021 12:34:17 PM

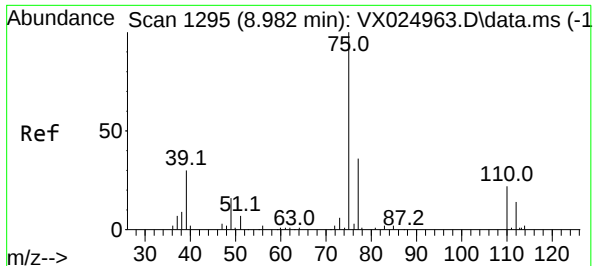


#42
Toluene
Concen: 0.226 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



Tgt Ion: 91 Resp: 5169
Ion Ratio Lower Upper
91 100
92 41.2 39.1 72.5





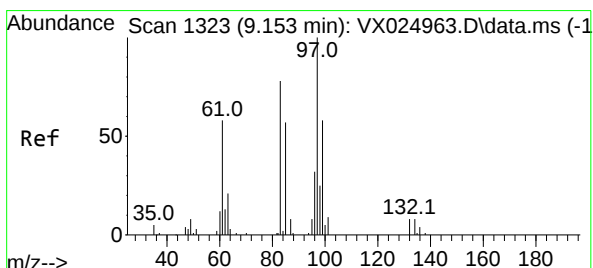
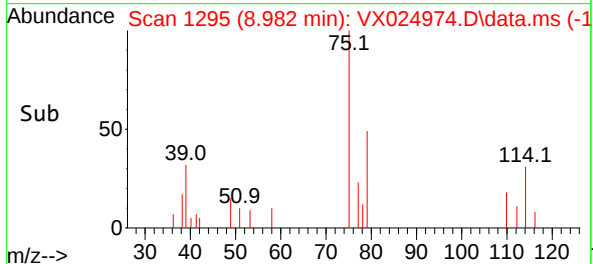
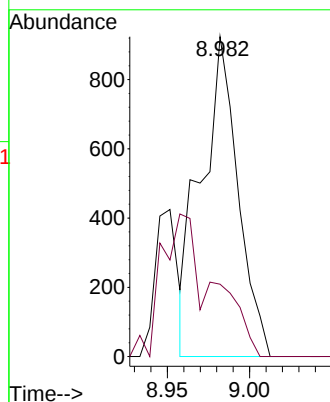
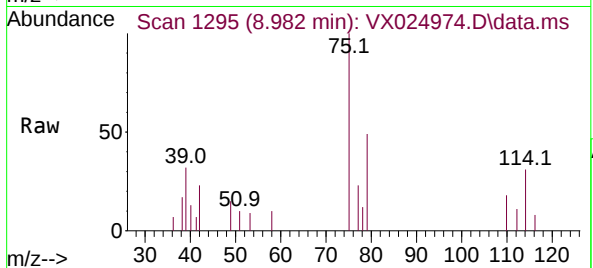
#44
trans-1,3-Dichloropropene
Concen: 0.197 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 75 Resp: 1442
Ion Ratio Lower Upper
75 100
77 22.6 23.4 43.4#

Instrument :
MSVOA_X
ClientSampled :
MDL01

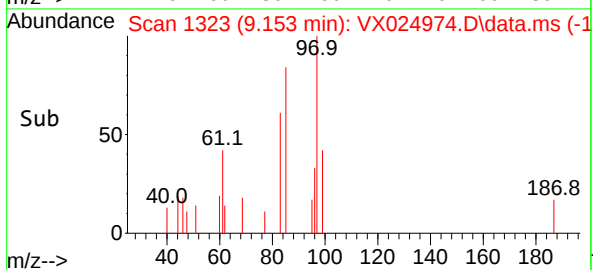
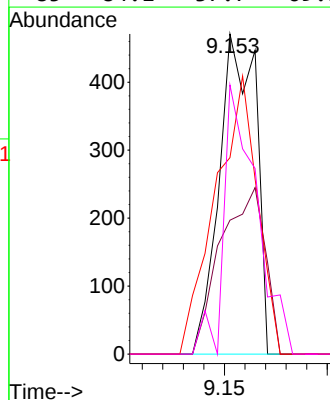
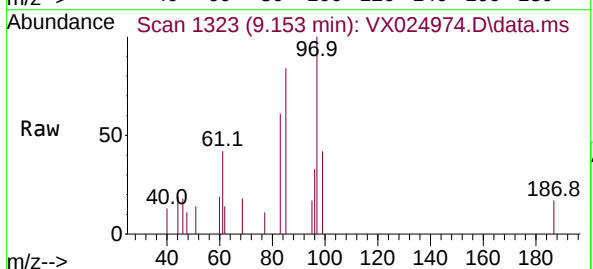
Manual Integrations
APPROVED

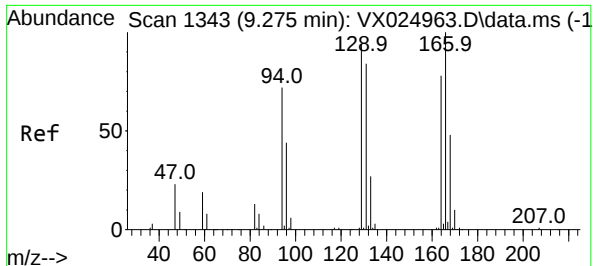
MMDadoda
10/28/2021 12:34:17 PM



#45
1,1,2-Trichloroethane
Concen: 0.151 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion: 97 Resp: 583
Ion Ratio Lower Upper
97 100
99 41.8 46.8 86.8#
83 61.4 63.6 118.2#
85 84.1 37.7 69.9#





#47

Tetrachloroethene

Concen: 0.188 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX024974.D

Acq: 27 Oct 2021 14:44

Tgt Ion: 164 Resp: 837

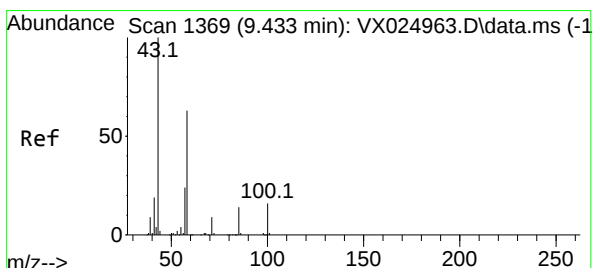
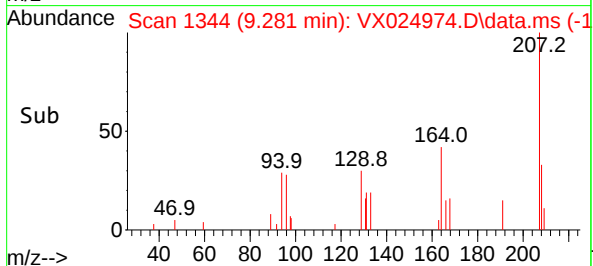
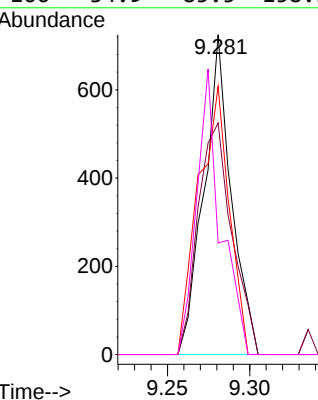
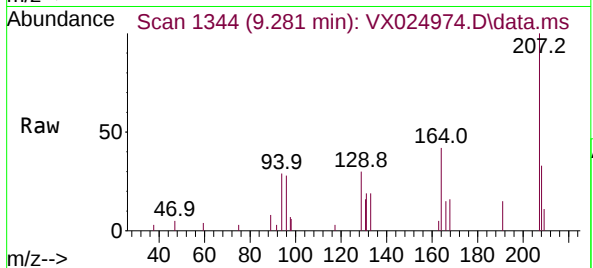
Ion Ratio Lower Upper

164 100

129 72.4 81.8 152.0#

131 83.9 82.9 153.9

166 34.9 85.5 158.9#



#48

2-Hexanone

Concen: 1.528 ug/L

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX024974.D

Acq: 27 Oct 2021 14:44

Tgt Ion: 43 Resp: 2379

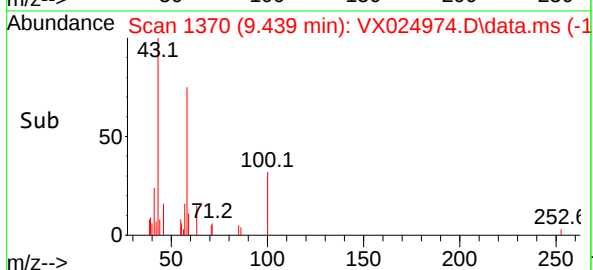
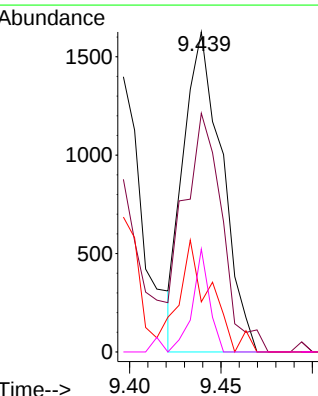
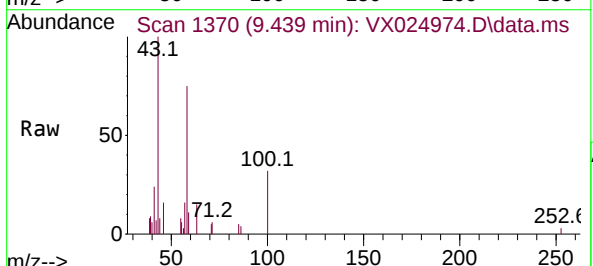
Ion Ratio Lower Upper

43 100

58 73.6 52.7 79.1

57 29.0 21.2 31.8

100 15.3 12.9 19.3



Instrument :

MSVOA_X

ClientSampled :

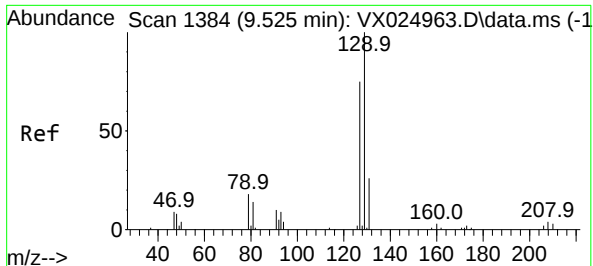
MDL01

Manual Integrations

APPROVED

MMDadoda

10/28/2021 12:34:17 PM



#49

Dibromochloromethane

Concen: 0.152 ug/L

RT: 9.531 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VX024974.D

Acq: 27 Oct 2021 14:44

Tgt Ion:129 Resp: 766

Ion Ratio Lower Upper

129 100

127 83.9 52.5 97.5

Instrument :

MSVOA_X

ClientSampled :

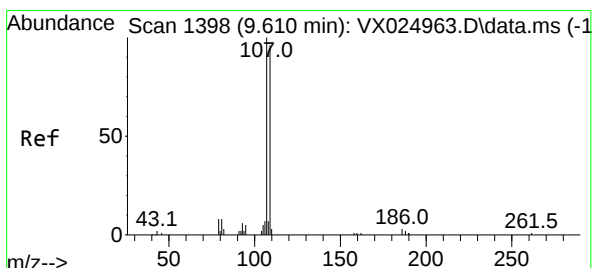
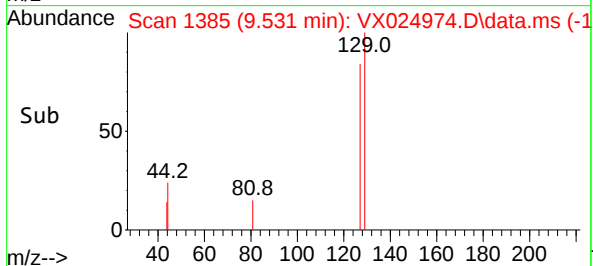
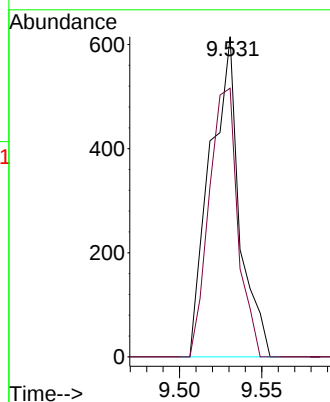
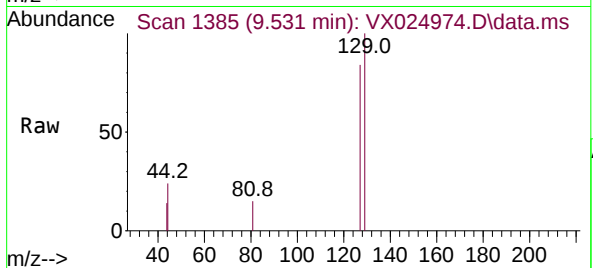
MDL01

Manual Integrations

APPROVED

MMDadoda

10/28/2021 12:34:17 PM



#50

1,2-Dibromoethane

Concen: 0.204 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX024974.D

Acq: 27 Oct 2021 14:44

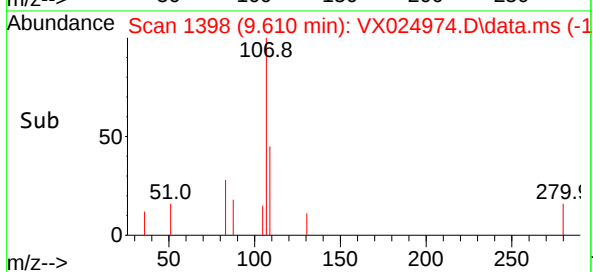
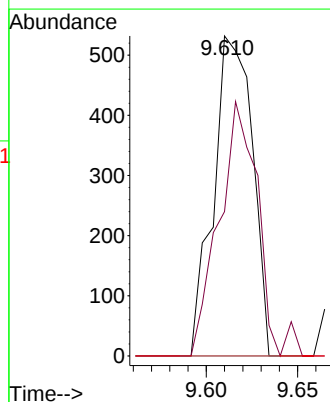
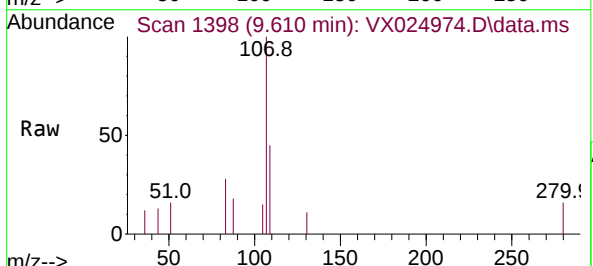
Tgt Ion:107 Resp: 788

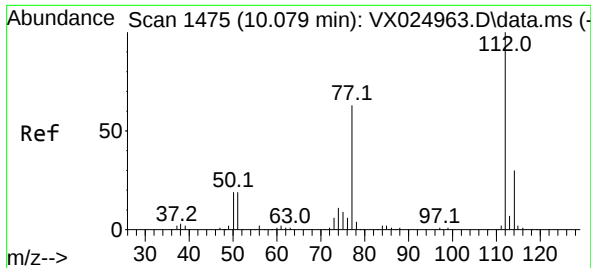
Ion Ratio Lower Upper

107 100

109 45.1 61.7 114.7#

188 0.0 2.6 4.0#





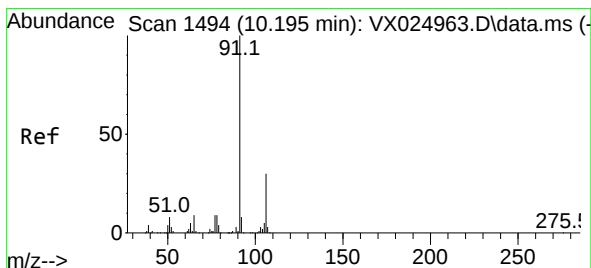
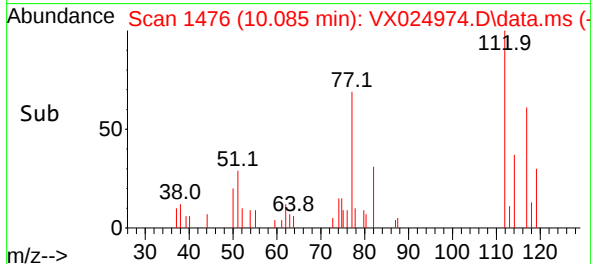
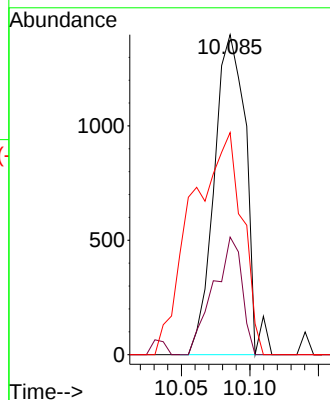
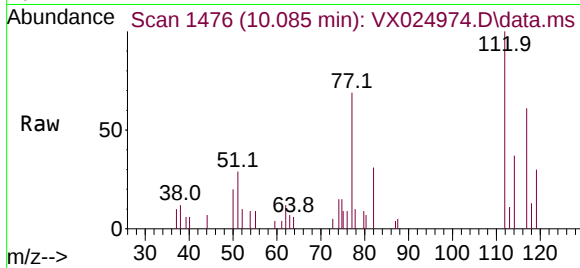
#51
Chlorobenzene
Concen: 0.154 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion:	112	Resp:	2244
Ion	Ratio	Lower	Upper
112	100		
114	36.7	22.8	42.4
77	78.9	52.7	79.1

Instrument :
MSVOA_X
ClientSampled :
MDL01

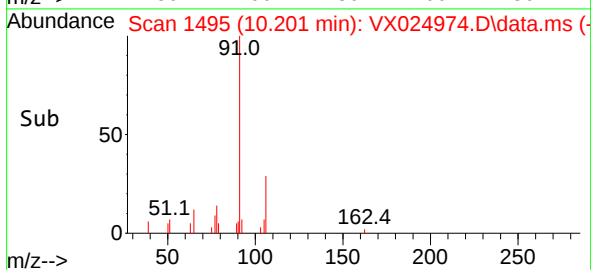
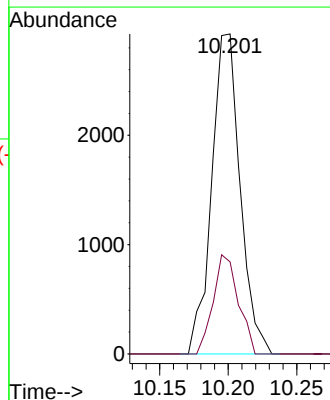
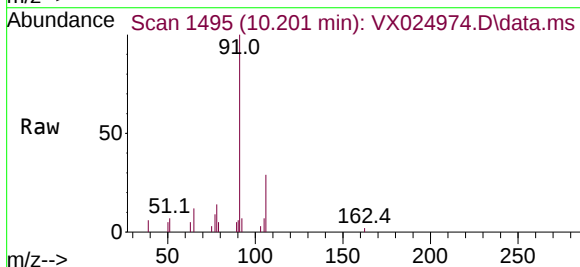
Manual Integrations
APPROVED

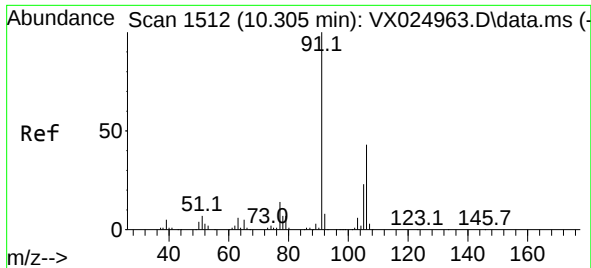
MMDadoda
10/28/2021 12:34:17 PM



#52
Ethylbenzene
Concen: 0.157 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion:	91	Resp:	4232
Ion	Ratio	Lower	Upper
91	100		
106	28.8	20.1	37.3





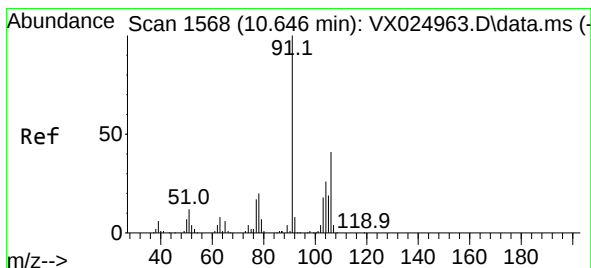
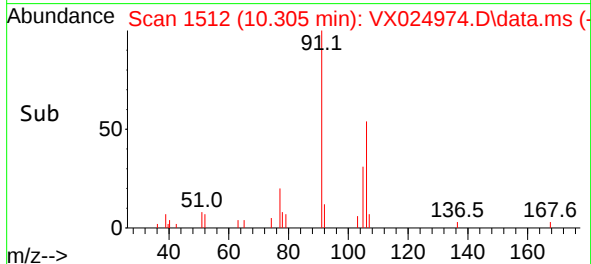
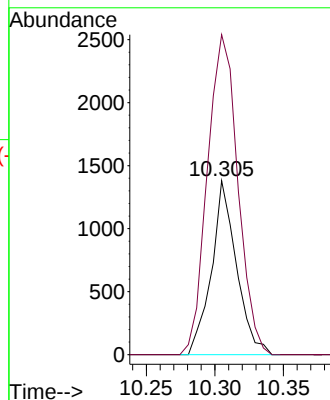
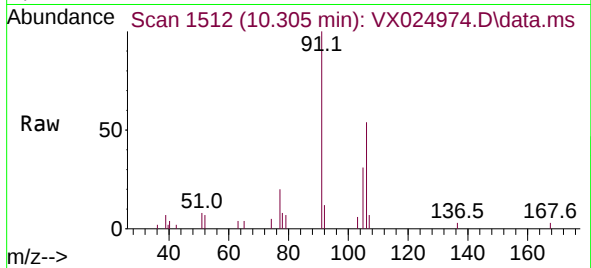
#53
m,p-xylene
Concen: 0.182 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion:106 Resp: 1749
Ion Ratio Lower Upper
106 100
91 184.0 161.7 300.3

Instrument :
MSVOA_X
ClientSampleId :
MDL01

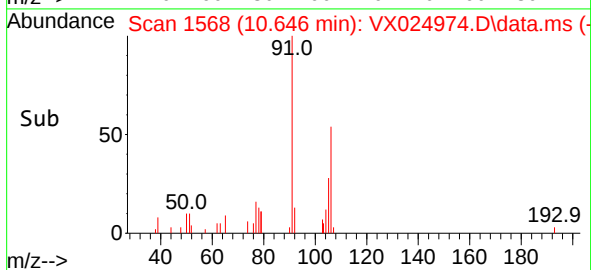
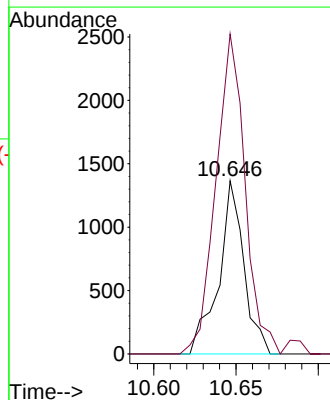
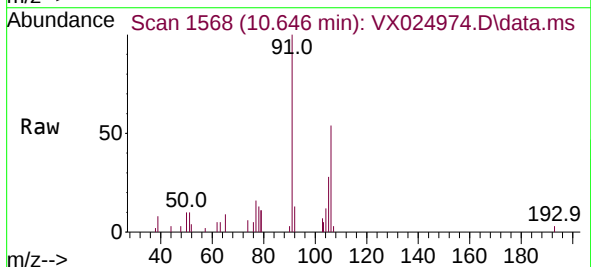
Manual Integrations
APPROVED

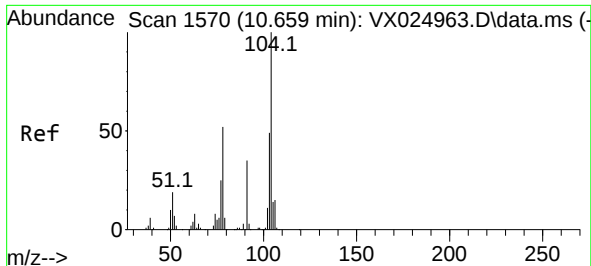
MMDadoda
10/28/2021 12:34:17 PM



#54
o-xylene
Concen: 0.156 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

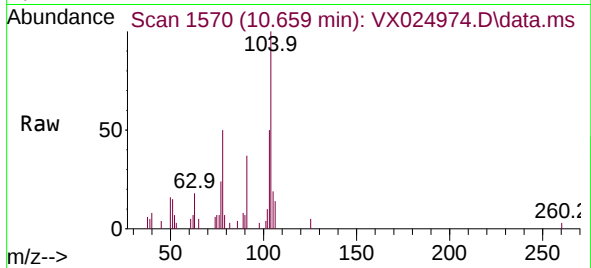
Tgt Ion:106 Resp: 1454
Ion Ratio Lower Upper
106 100
91 184.8 172.9 321.1





#55
Styrene
Concen: 0.149 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

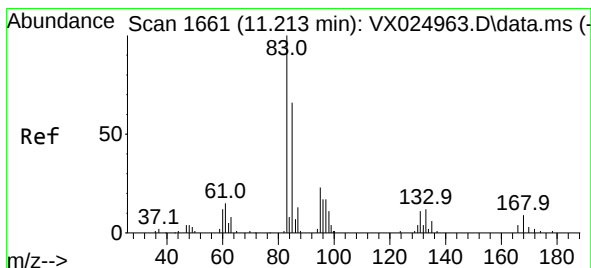
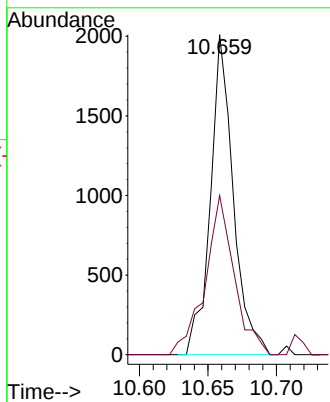
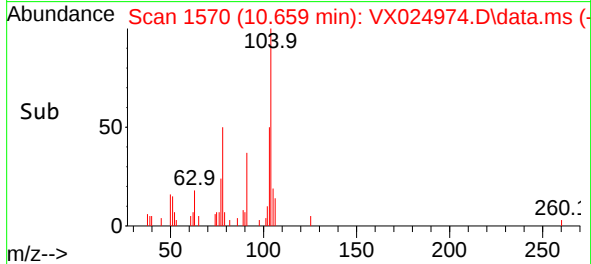
Instrument :
MSVOA_X
ClientSampled :
MDL01



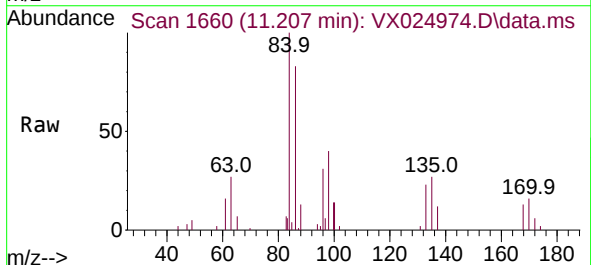
Tgt Ion:104 Resp: 2332
Ion Ratio Lower Upper
104 100
78 49.8 37.1 68.9

Manual Integrations
APPROVED

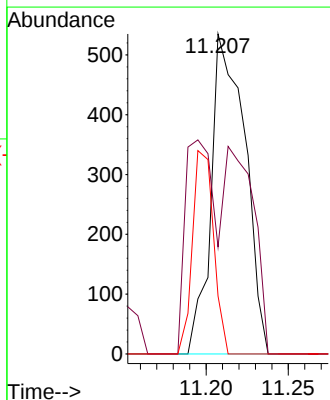
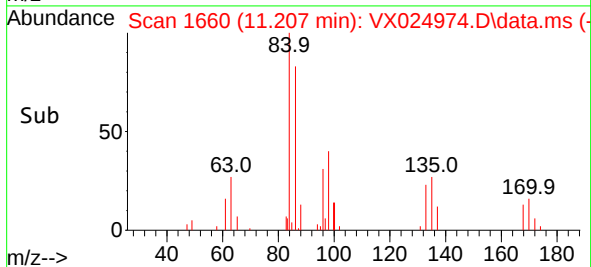
MMDadoda
10/28/2021 12:34:17 PM

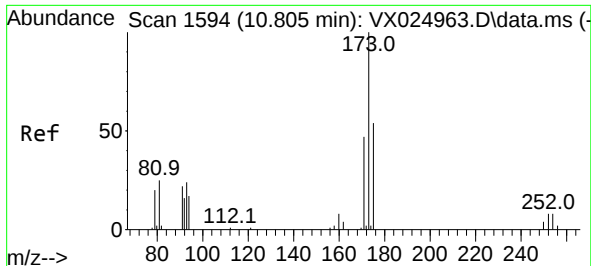


#57
1,1,2,2-Tetrachloroethane
Concen: 0.173 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



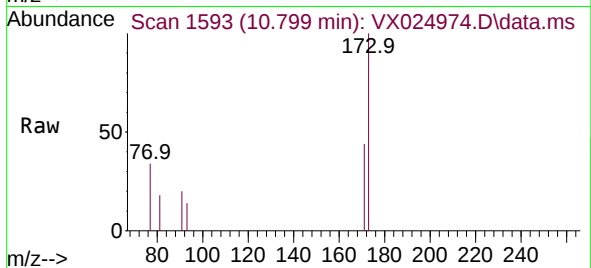
Tgt Ion: 83 Resp: 767
Ion Ratio Lower Upper
83 100
85 33.5 44.9 83.5#
131 18.1 7.7 11.5#





#59
Bromoform
Concen: 0.192 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

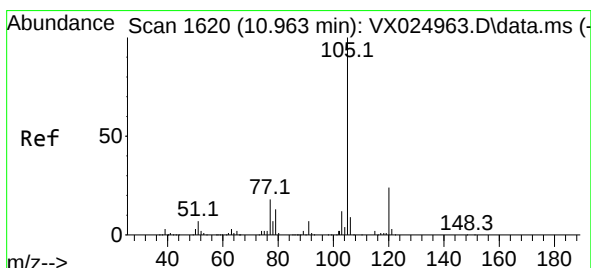
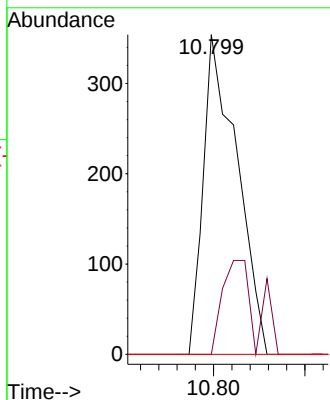
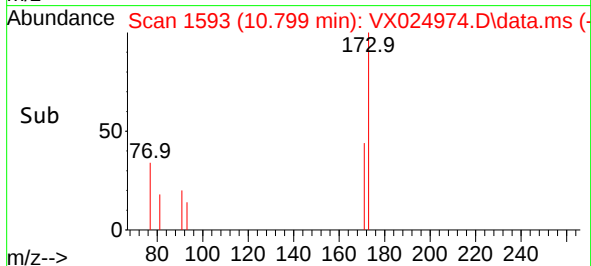
Instrument :
MSVOA_X
ClientSampled :
MDL01



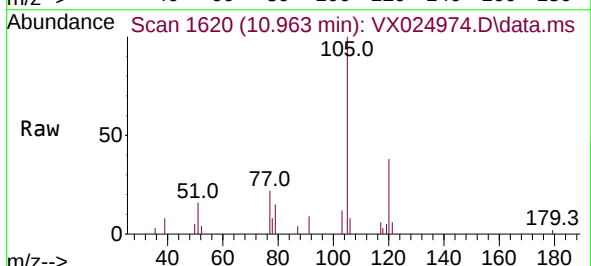
Tgt Ion:173 Resp: 452
Ion Ratio Lower Upper
173 100
175 29.6 38.4 57.6#
254 7.1 4.6 7.0#

Manual Integrations
APPROVED

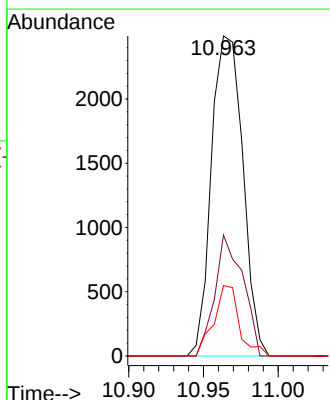
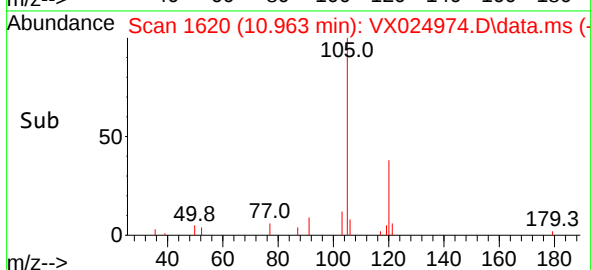
MMDadoda
10/28/2021 12:34:17 PM

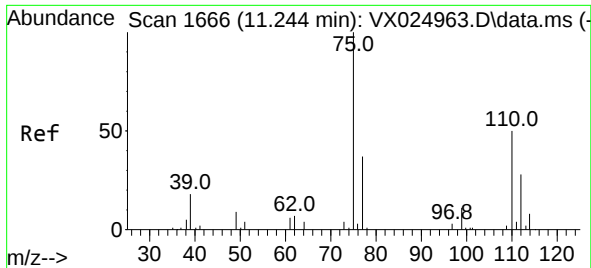


#60
Isopropylbenzene
Concen: 0.135 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



Tgt Ion:105 Resp: 3641
Ion Ratio Lower Upper
105 100
120 33.7 19.0 28.6#
77 17.8 13.7 20.5





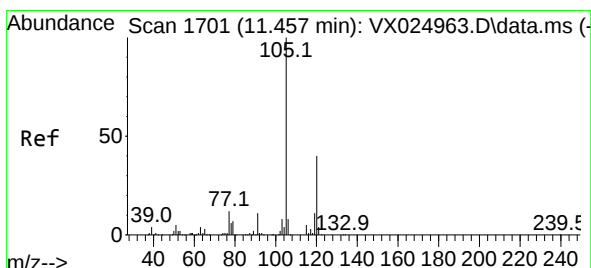
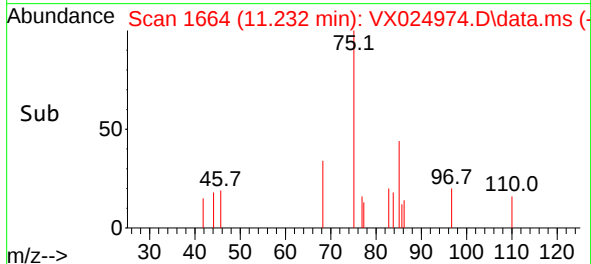
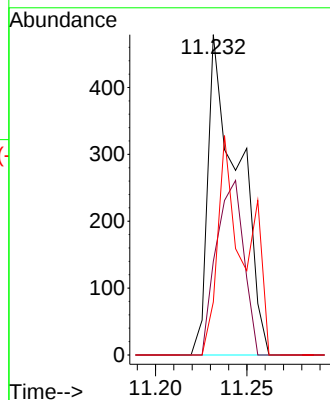
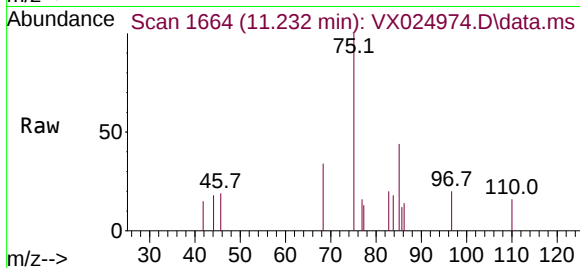
#61
1,2,3-Trichloropropane
Concen: 0.166 ug/L
RT: 11.232 min Scan# 1664
Delta R.T. -0.012 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	49.7	28.1	42.1#
110	61.6	34.7	52.1#

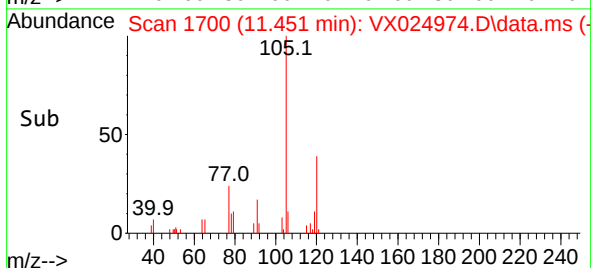
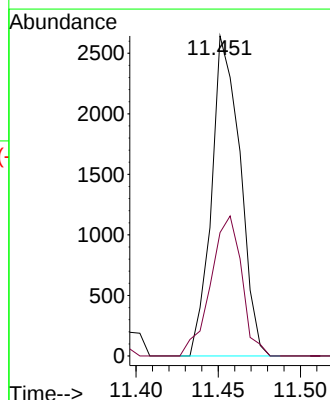
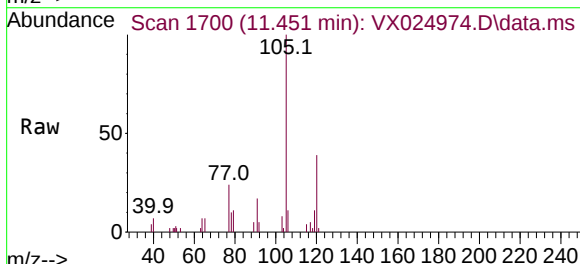
Manual Integrations
APPROVED

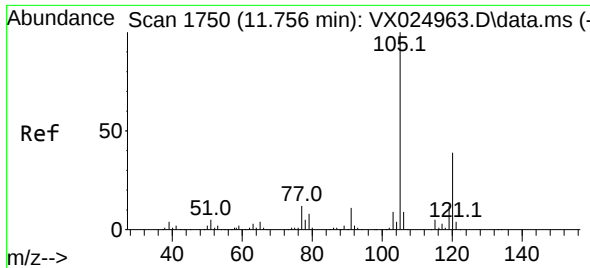
MMDadoda
10/28/2021 12:34:17 PM



#62
1,3,5-Trimethylbenzene
Concen: 0.135 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	33.6	50.4





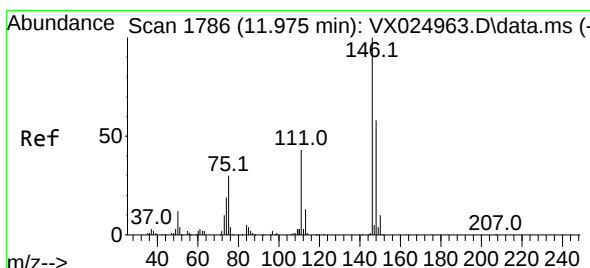
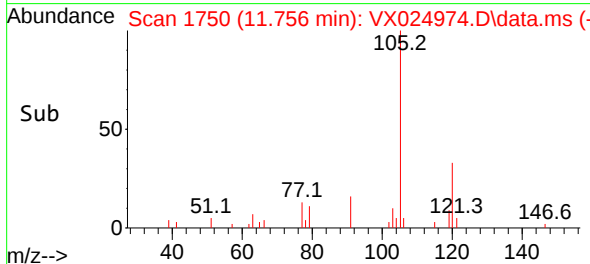
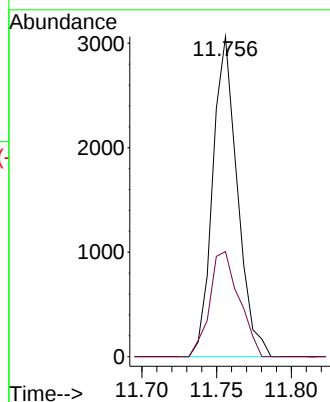
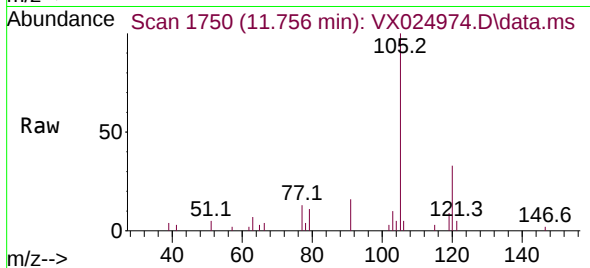
#63
1,2,4-Trimethylbenzene
Concen: 0.145 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Instrument :
MSVOA_X
ClientSampled :
MDL01

Tgt Ion:105 Resp: 3517
Ion Ratio Lower Upper
105 100
120 39.3 32.3 48.5

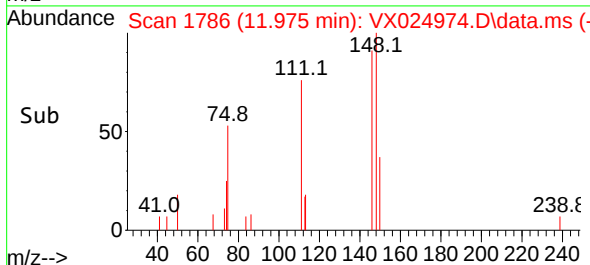
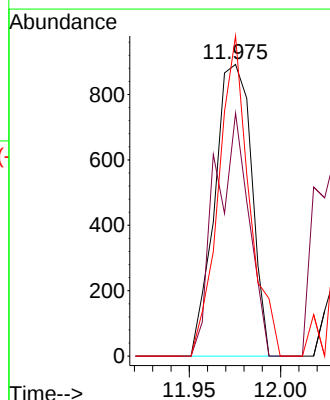
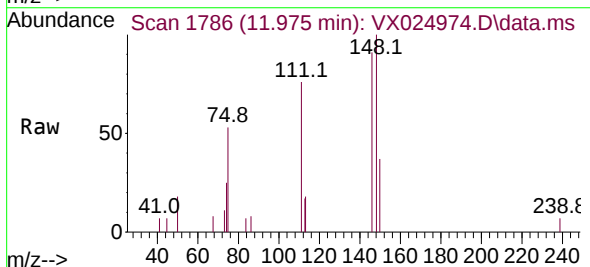
Manual Integrations
APPROVED

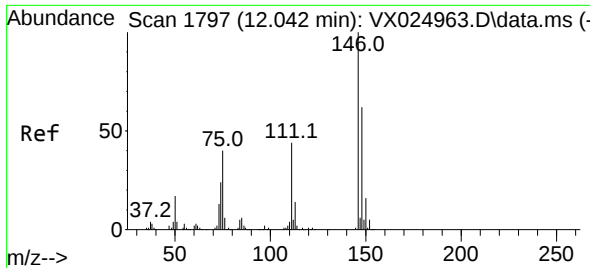
MMDadoda
10/28/2021 12:34:17 PM



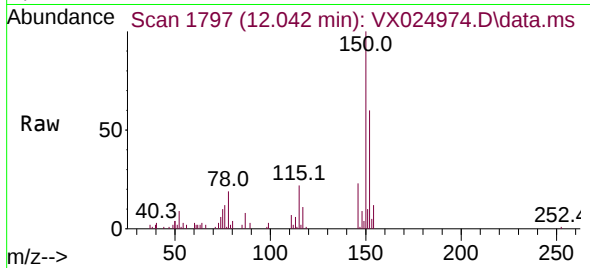
#64
1,3-Dichlorobenzene
Concen: 0.111 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

Tgt Ion:146 Resp: 1252
Ion Ratio Lower Upper
146 100
111 83.3 34.2 63.4#
148 109.8 44.1 81.9#

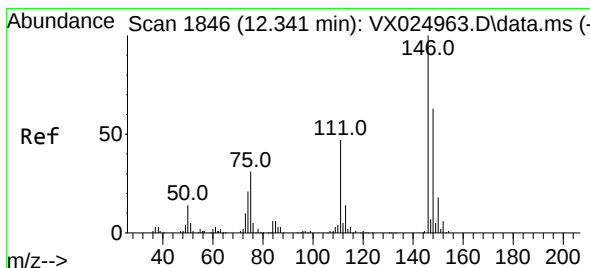
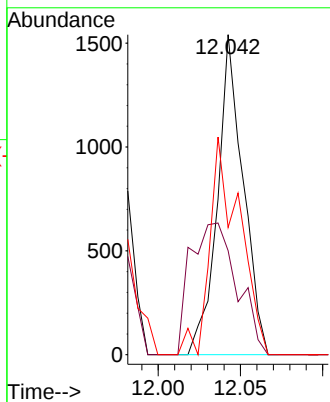
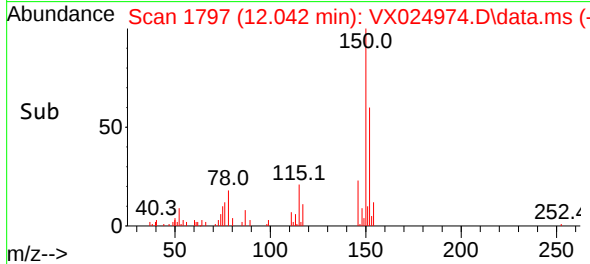




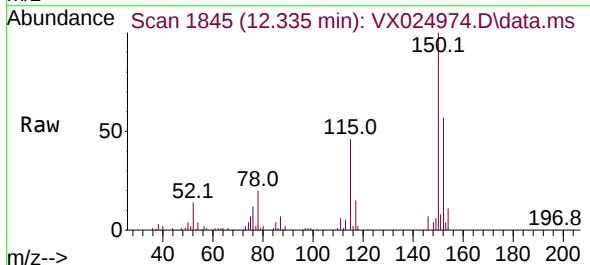
#65
1,4-Dichlorobenzene
Concen: 0.149 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



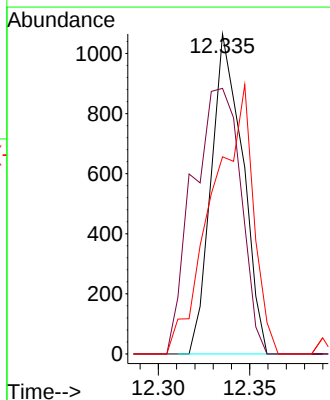
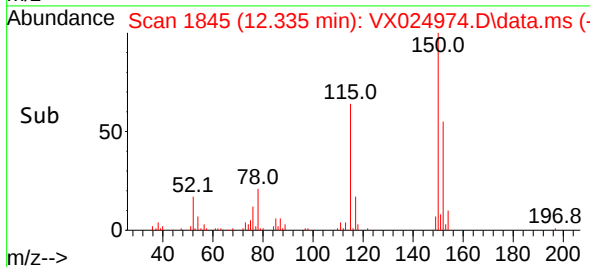
Tgt Ion:146 Resp: 1676
Ion Ratio Lower Upper
146 100
111 32.5 32.6 60.6#
148 39.8 43.3 80.3#



#67
1,2-Dichlorobenzene
Concen: 0.123 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44



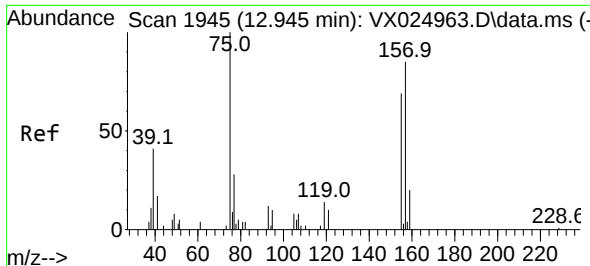
Tgt Ion:146 Resp: 1273
Ion Ratio Lower Upper
146 100
111 83.0 35.9 53.9#
148 61.6 53.1 79.7



Instrument :
MSVOA_X
ClientSampleId :
MDL01

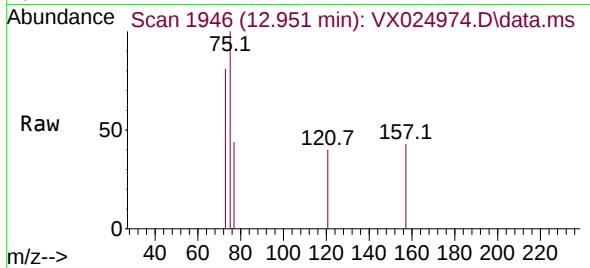
Manual Integrations
APPROVED

MMDadoda
10/28/2021 12:34:17 PM



#68
1,2-Dibromo-3-chloropropane
Concen: 0.135 ug/L
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

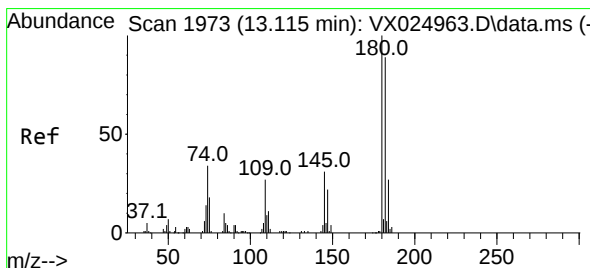
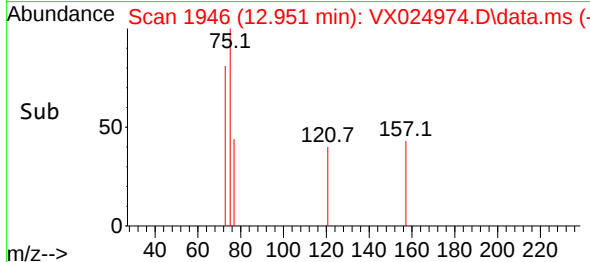
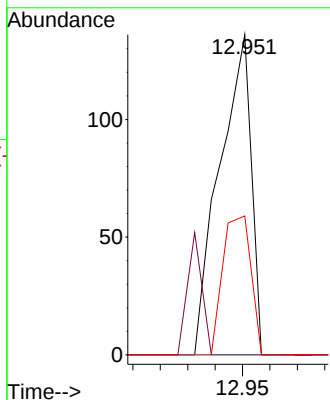
Instrument :
MSVOA_X
ClientSampled :
MDL01



Tgt Ion: 75 Resp: 109
Ion Ratio Lower Upper
75 100
155 0.0 53.6 80.4#
157 43.4 82.2 123.4#

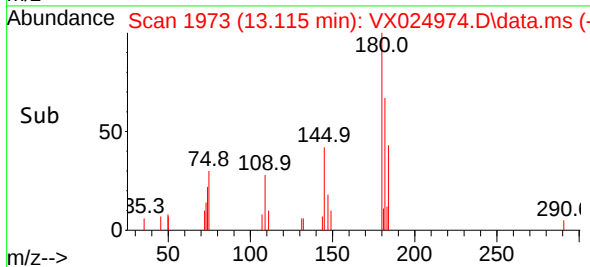
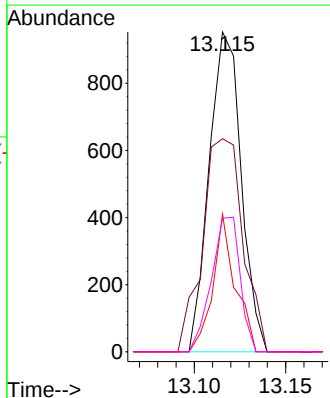
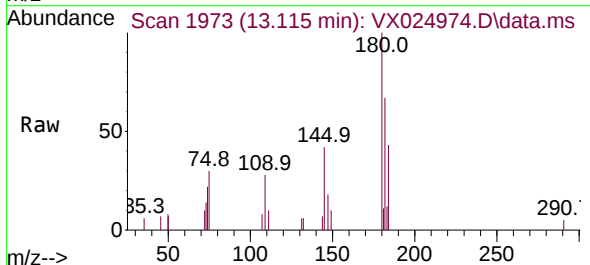
Manual Integrations
APPROVED

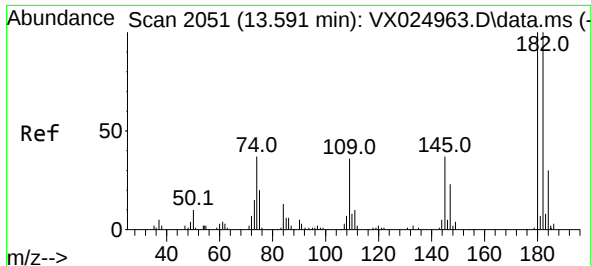
MMDadoda
10/28/2021 12:34:17 PM



#69
1,3,5-Trichlorobenzene
Concen: 0.136 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

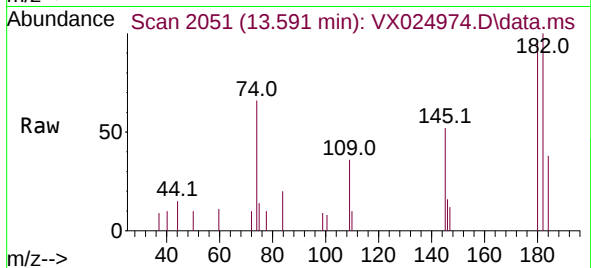
Tgt Ion: 180 Resp: 1165
Ion Ratio Lower Upper
180 100
182 83.9 74.6 111.8
184 30.0 24.0 36.0
145 37.5 28.7 43.1





#70
1,2,4-trichlorobenzene
Concen: 0.107 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

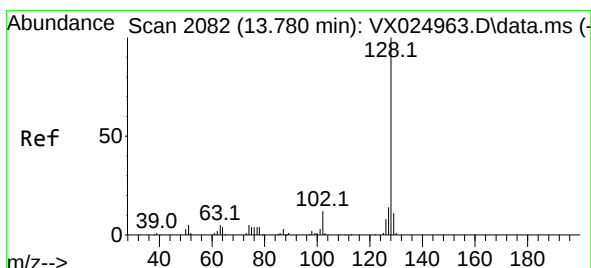
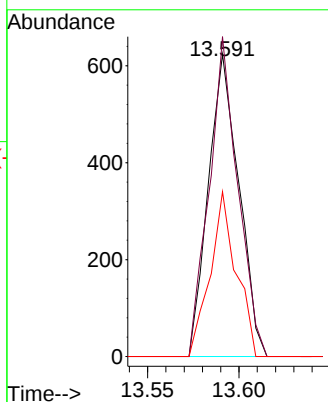
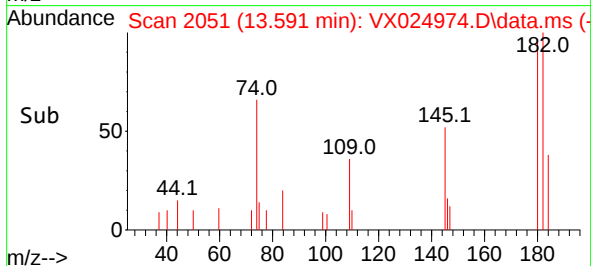
Instrument :
MSVOA_X
ClientSampled :
MDL01



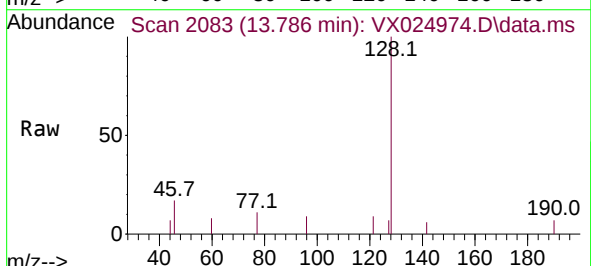
Tgt Ion:180 Resp: 726
Ion Ratio Lower Upper
180 100
182 99.0 72.1 108.1
145 46.6 27.1 40.7#

Manual Integrations
APPROVED

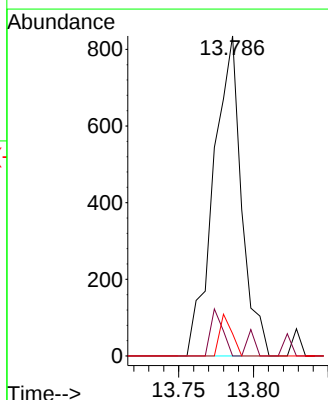
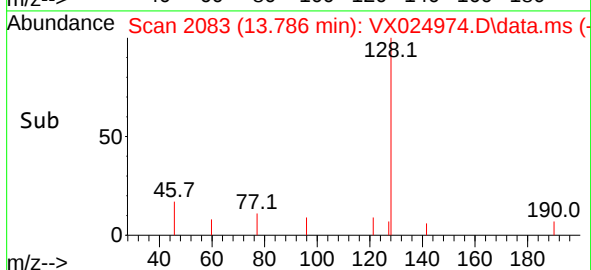
MMDadoda
10/28/2021 12:34:17 PM

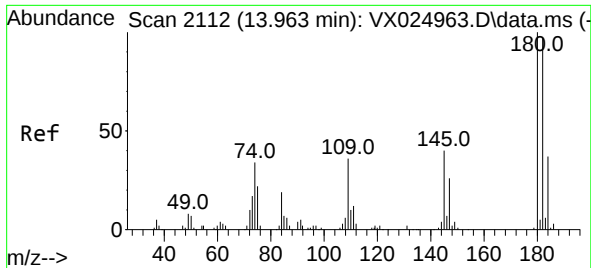


#71
Naphthalene
Concen: 0.089 ug/L
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024974.D
Acq: 27 Oct 2021 14:44

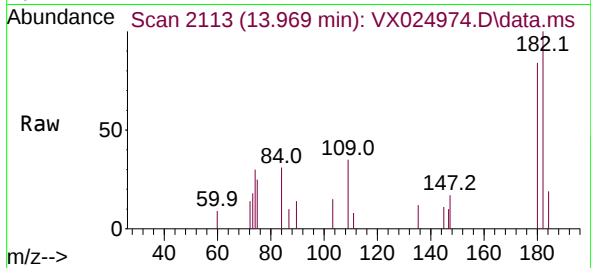


Tgt Ion:128 Resp: 1088
Ion Ratio Lower Upper
128 100
129 6.3 9.7 14.5#
127 5.6 10.6 15.8#

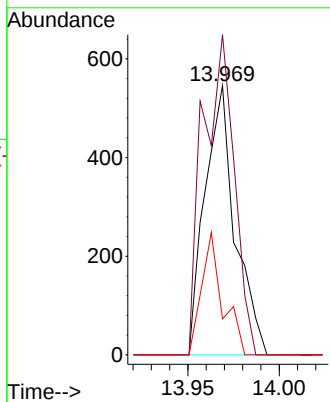
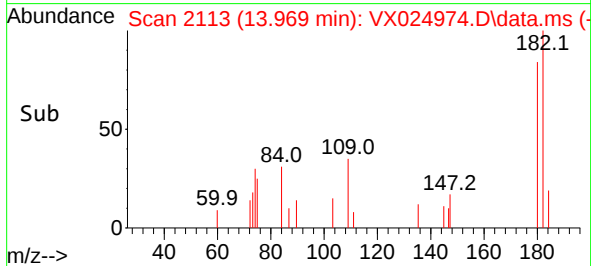




#72
 1,2,3-Trichlorobenzene
 Concen: 0.103 ug/L
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX024974.D
 Acq: 27 Oct 2021 14:44



Tgt Ion:180 Resp: 625
 Ion Ratio Lower Upper
 180 100
 182 123.2 77.1 115.7#
 145 31.5 29.4 44.0



Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2021 12:34:17 PM