

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025008.D
 Acq On : 28 Oct 2021 15:53
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda

11/1/2021 12:58:58 PM

Quant Time: Oct 29 07:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	150634	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.061	117	136001	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	61580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	50699	52.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.600%	
7) Chloroethane-d5	1.672	69	36440	55.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 111.040%	
11) 1,1-Dichloroethene-d2	2.306	63	93366	39.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 78.920%	
21) 2-Butanone-d5	4.470	46	107975	112.580	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 112.580%	
24) Chloroform-d	5.068	84	127337	50.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.360%	
26) 1,2-Dichloroethane-d4	5.958	65	98027	53.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.400%	
32) Benzene-d6	5.982	84	199189	51.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.200%	
36) 1,2-Dichloropropane-d6	7.317	67	70581	53.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.300%	
41) Toluene-d8	8.652	98	190233	51.511	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.020%	
43) trans-1,3-Dichloroprop...	8.951	79	38399	50.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.580%	
47) 2-Hexanone-d5	9.390	63	73059	109.078	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.080%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	94398	53.065	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.140%	
66) 1,2-Dichlorobenzene-d4	12.323	152	61798	51.717	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.440%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3322	2.350	ug/L	96
3) Chloromethane	1.288	50	2553	2.597	ug/L	81
5) Vinyl chloride	1.373	62	3033	2.742	ug/L	# 76
6) Bromomethane	1.617	94	2108	2.962	ug/L	97
8) Chloroethane	1.690	64	2096m	3.750	ug/L	
9) Trichlorofluoromethane	1.892	101	6709	2.732	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	3474	3.119	ug/L	# 72
12) 1,1-Dichloroethene	2.318	96	2991	3.192	ug/L	# 1
13) Acetone	2.398	43	4585	5.029	ug/L	67
14) Carbon disulfide	2.519	76	6526	2.570	ug/L	98
15) Methyl Acetate	2.708	43	4114	3.121	ug/L	# 74
16) Methylene chloride	2.794	84	3311	3.121	ug/L	# 63
17) trans-1,2-Dichloroethene	3.093	96	2756	2.873	ug/L	# 76
18) Methyl tert-butyl Ether	3.123	73	9654	2.437	ug/L	# 87
19) 1,1-Dichloroethane	3.617	63	5724	2.568	ug/L	86
20) cis-1,2-Dichloroethene	4.483	96	3062m	2.825	ug/L	
22) 2-Butanone	4.592	43	6004m	5.350	ug/L	
23) Bromochloromethane	4.903	128	1567m	2.894	ug/L	
25) Chloroform	5.110	83	7598m	3.062	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025008.D
 Acq On : 28 Oct 2021 15:53
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda

11/1/2021 12:58:58 PM

Quant Time: Oct 29 07:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	6172m	2.814	ug/L	
29) Cyclohexane	5.476	56	4889	2.651	ug/L #	68
30) 1,1,1-Trichloroethane	5.385	97	6397m	2.719	ug/L	
31) Carbon tetrachloride	5.677	117	4746	2.382	ug/L	91
33) Benzene	6.043	78	10472	2.487	ug/L	100
34) Trichloroethene	7.134	95	3327	2.619	ug/L #	75
35) Methylcyclohexane	7.378	83	4281	2.335	ug/L #	79
37) 1,2-Dichloropropane	7.439	63	3122m	2.606	ug/L	
38) Bromodichloromethane	7.829	83	4481	2.448	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	4961	2.548	ug/L	96
40) 4-Methyl-2-pentanone	8.579	43	9514	5.114	ug/L #	81
42) Toluene	8.720	91	14198	3.081	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	5012m	2.500	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	2847	2.539	ug/L	96
46) Tetrachloroethene	9.280	164	2002	2.525	ug/L	86
48) 2-Hexanone	9.433	43	9415	6.123	ug/L #	79
49) Dibromochloromethane	9.524	129	3040	2.408	ug/L #	62
50) 1,2-Dibromoethane	9.616	107	3327	2.689	ug/L #	99
51) Chlorobenzene	10.085	112	6936	2.517	ug/L #	86
52) Ethylbenzene	10.195	91	13645	2.566	ug/L	100
53) m,p-Xylene	10.305	106	4644	2.539	ug/L	81
54) o-Xylene	10.646	106	4213	2.356	ug/L	98
55) Styrene	10.664	104	6982	2.309	ug/L	86
57) 1,1,2,2-Tetrachloroethane	11.213	83	4939	2.737	ug/L #	90
59) Bromoform	10.805	173	1839	2.424	ug/L #	86
60) Isopropylbenzene	10.963	105	12191	2.597	ug/L	97
61) 1,2,3-Trichloropropane	11.243	75	3985	2.657	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	9522	2.342	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	9969	2.446	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	4784	2.619	ug/L	91
65) 1,4-Dichlorobenzene	12.042	146	4885	2.586	ug/L	90
67) 1,2-Dichlorobenzene	12.341	146	5315	2.848	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.944	75	1184	2.421	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.115	180	3127	2.384	ug/L	97
70) 1,2,4-trichlorobenzene	13.597	180	2426	2.182	ug/L	88
71) Naphthalene	13.780	128	6451	1.677	ug/L	99
72) 1,2,3-Trichlorobenzene	13.969	180	2254m	1.971	ug/L	

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
Data File : VX025008.D
Acq On : 28 Oct 2021 15:53
Operator : JC/MD
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

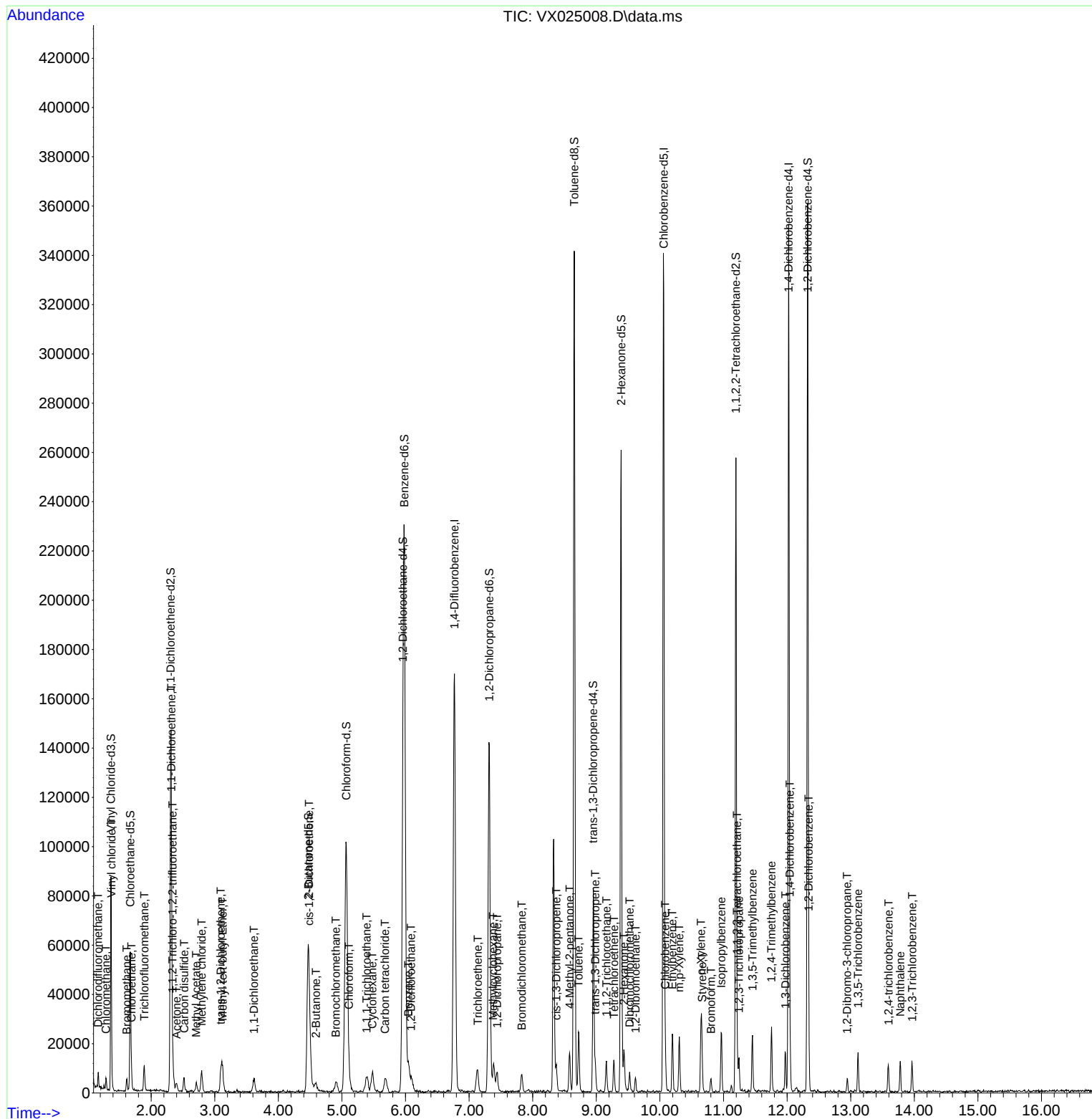
Instrument :
MSVOA_X
ClientSampled :
MDL02

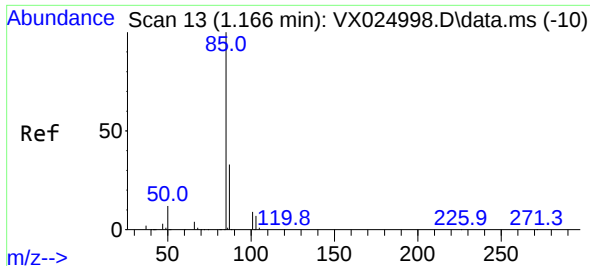
Manual Integrations
APPROVED

MMDadoda

Quant Time: Oct 29 07:16:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 28 12:38:37 2021
Response via : Initial Calibration

11/1/2021 12:58:58 PM





#2
 Dichlorodifluoromethane
 Concen: 2.350 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX025008.D
 Acq: 28 Oct 2021 15:53

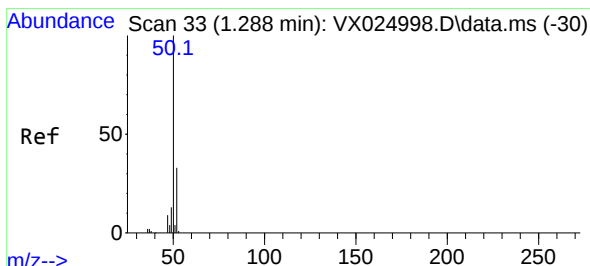
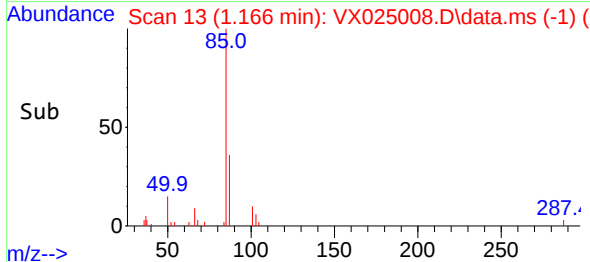
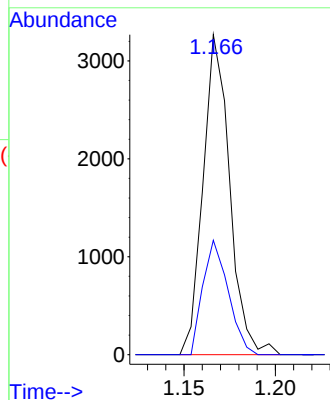
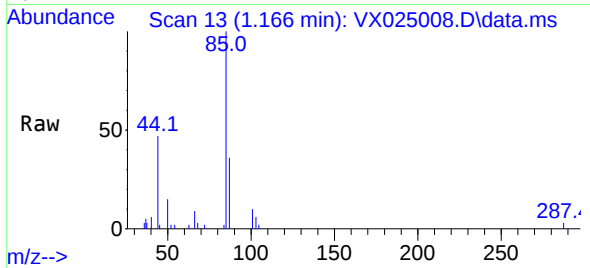
Tgt Ion: 85 Resp: 3322
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.3 37.9

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

Manual Integrations
 APPROVED

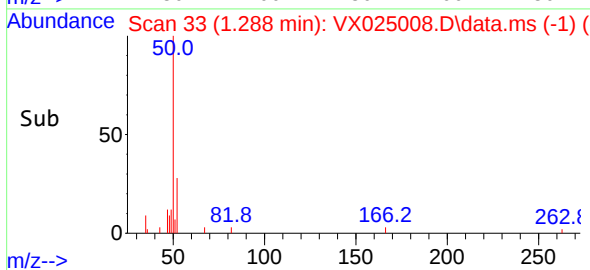
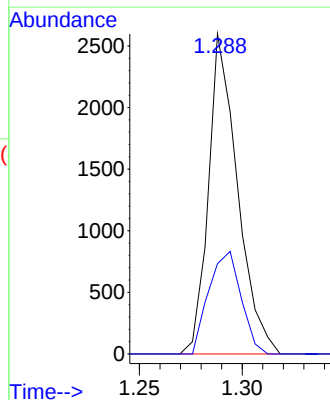
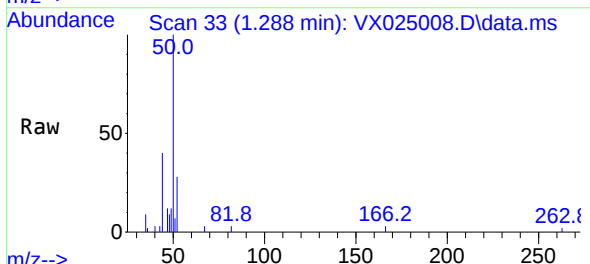
MMDadoda

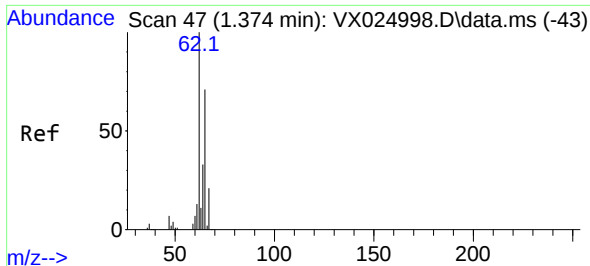
11/1/2021 12:58:58 PM



#3
 Chloromethane
 Concen: 2.597 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX025008.D
 Acq: 28 Oct 2021 15:53

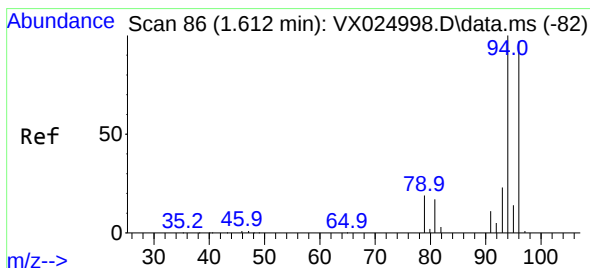
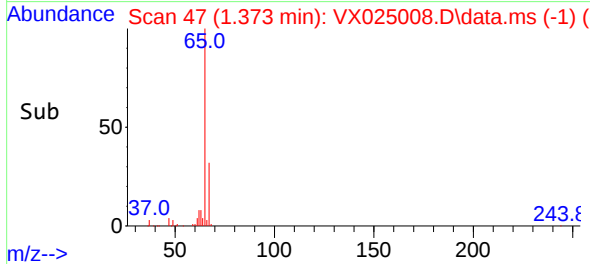
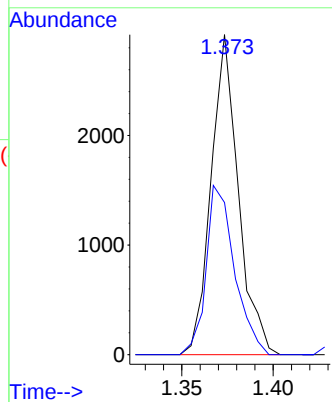
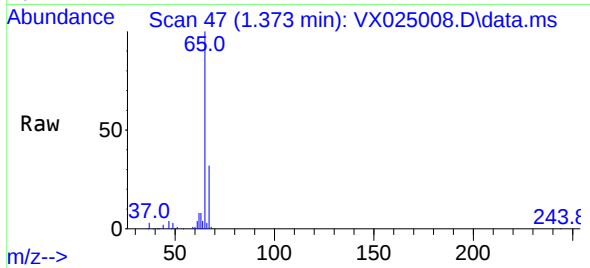
Tgt Ion: 50 Resp: 2553
 Ion Ratio Lower Upper
 50 100
 52 28.2 28.0 52.0





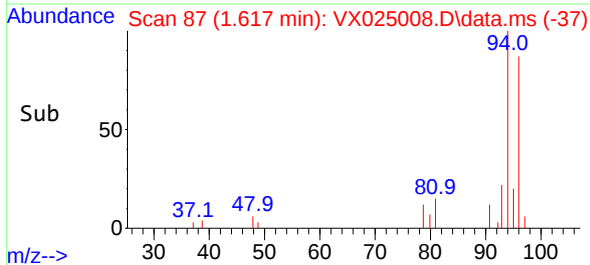
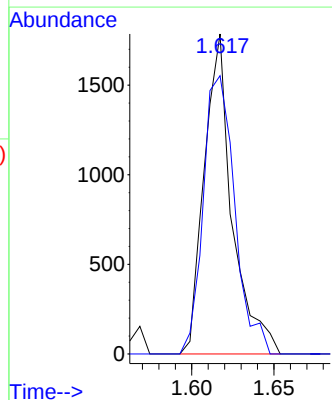
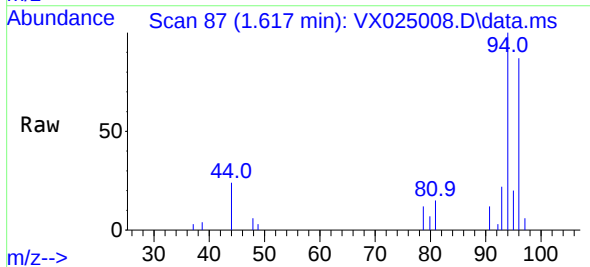
#5
Vinyl chloride
Concen: 2.742 ug/L
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 62 Resp: 3033
Ion Ratio Lower Upper
62 100
64 47.6 23.6 43.8#



#6
Bromomethane
Concen: 2.962 ug/L
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 94 Resp: 2108
Ion Ratio Lower Upper
94 100
96 87.0 62.9 116.9

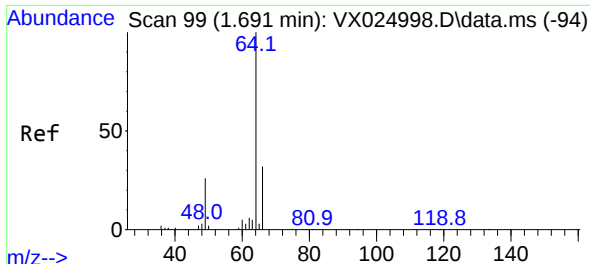


Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda

11/1/2021 12:58:58 PM



#8
Chloroethane
Concen: 3.750 ug/L m
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

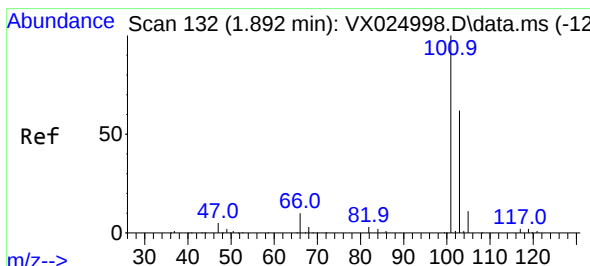
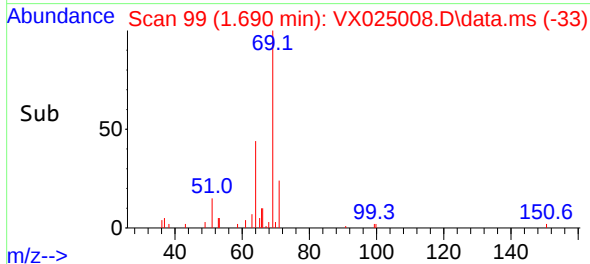
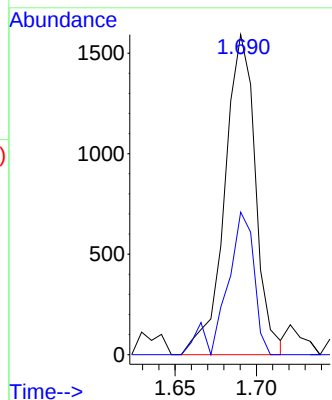
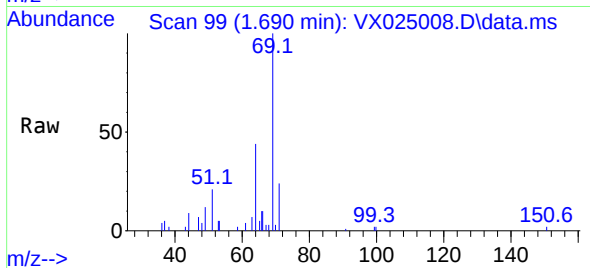
Tgt Ion: 64 Resp: 2096
Ion Ratio Lower Upper
64 100
66 22.4 23.3 43.3#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

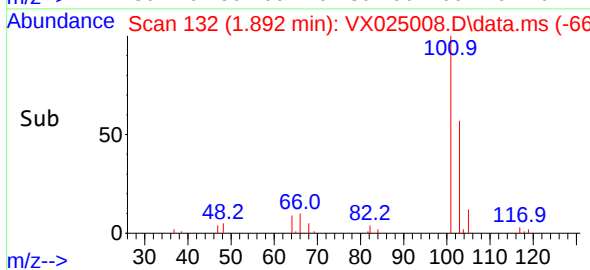
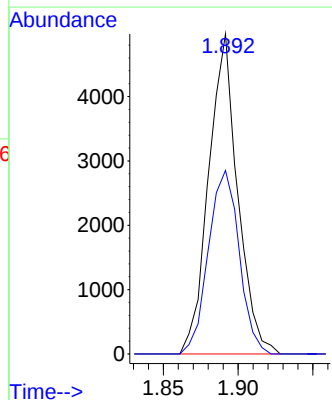
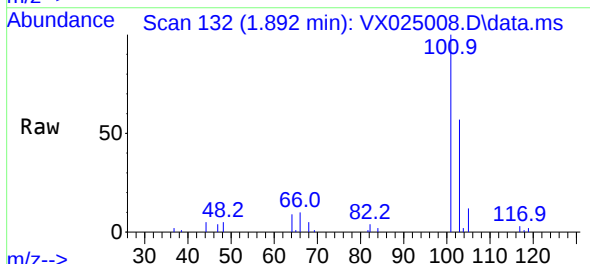
MMDadoda

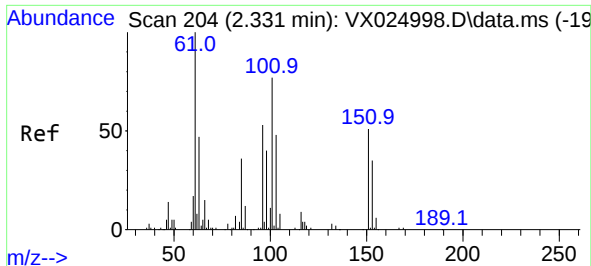
11/1/2021 12:58:58 PM



#9
Trichlorofluoromethane
Concen: 2.732 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 101 Resp: 6709
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.119 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

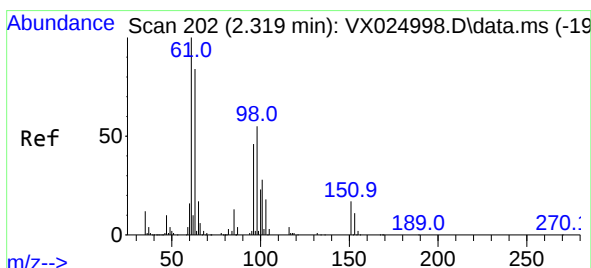
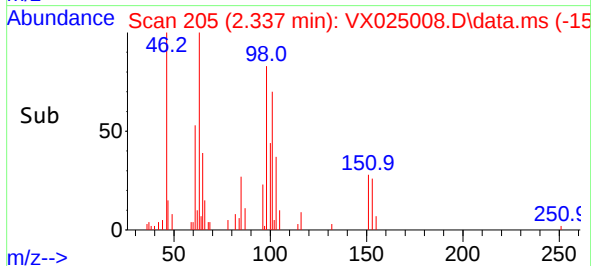
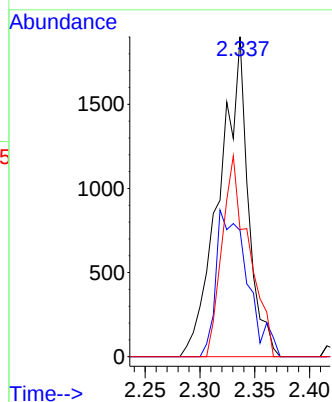
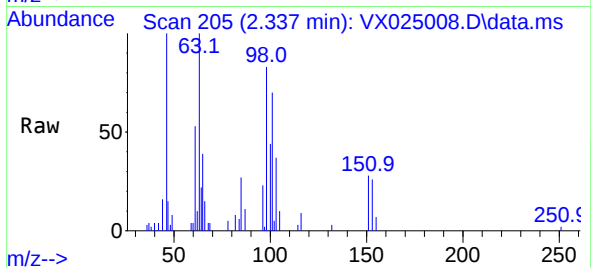
Tgt Ion:101 Resp: 3474
Ion Ratio Lower Upper
101 100
85 20.5 35.3 52.9#
151 58.3 62.3 93.5#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

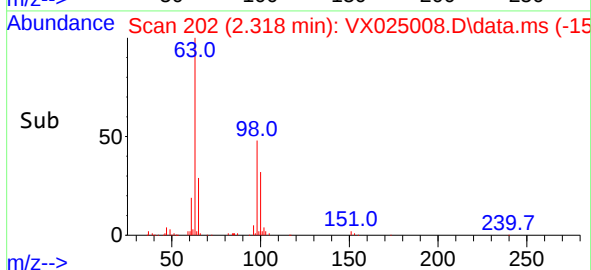
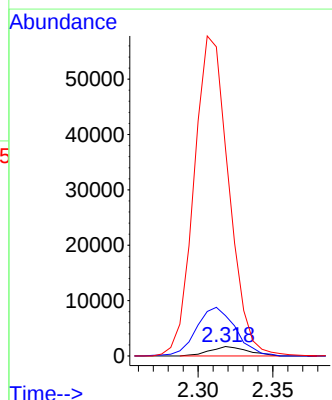
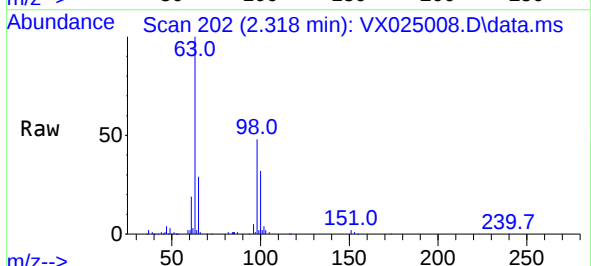
MMDadoda

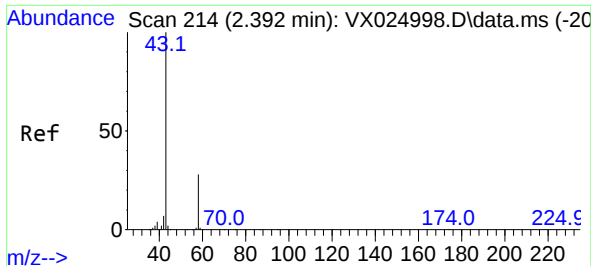
11/1/2021 12:58:58 PM



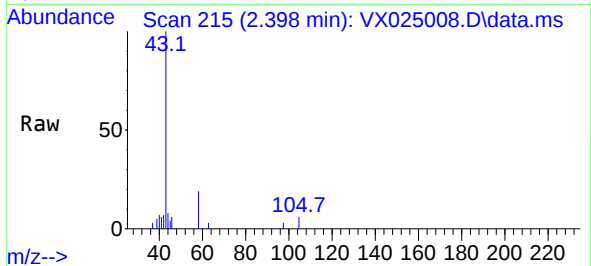
#12
1,1-Dichloroethene
Concen: 3.192 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 96 Resp: 2991
Ion Ratio Lower Upper
96 100
61 427.4 109.9 204.1#
63 2203.5 92.4 171.6#

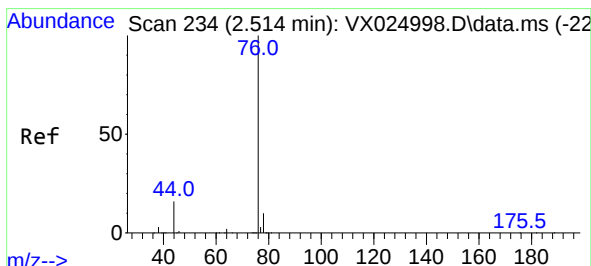
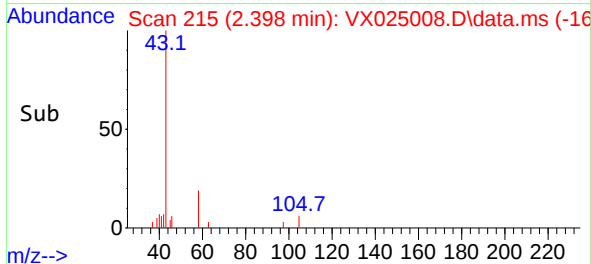
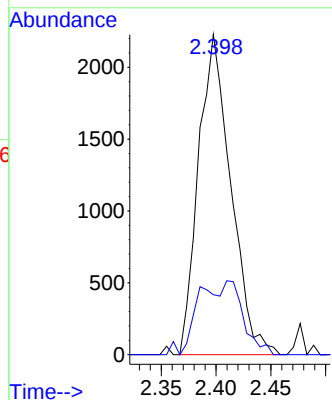




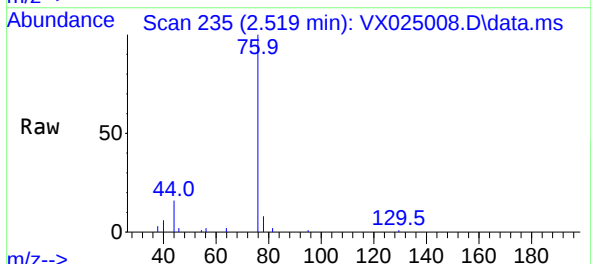
#13
Acetone
Concen: 5.029 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



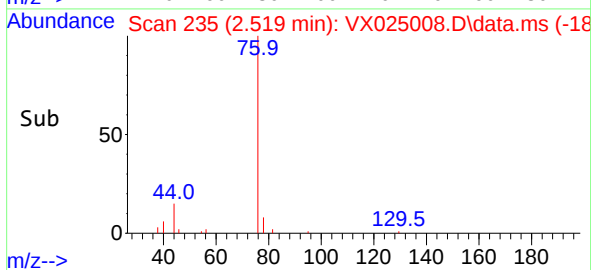
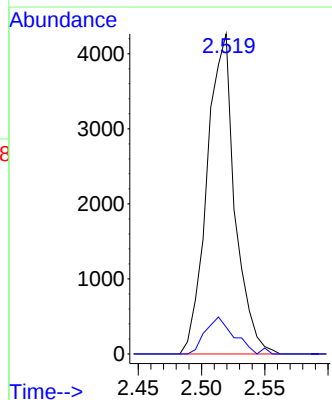
Tgt Ion: 43 Resp: 4585
Ion Ratio Lower Upper
43 100
58 14.2 0.0 64.8



#14
Carbon disulfide
Concen: 2.570 ug/L
RT: 2.519 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



Tgt Ion: 76 Resp: 6526
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

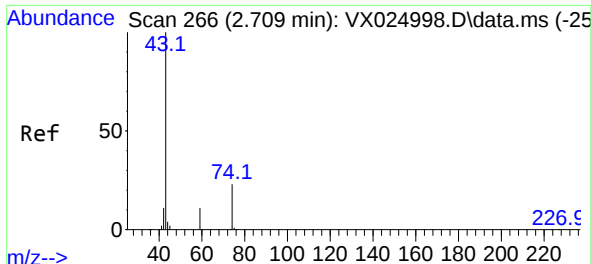


Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
APPROVED

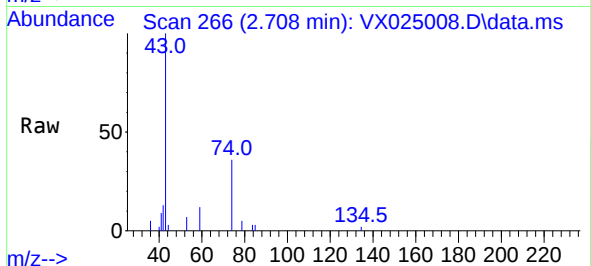
MMDadoda

11/1/2021 12:58:58 PM

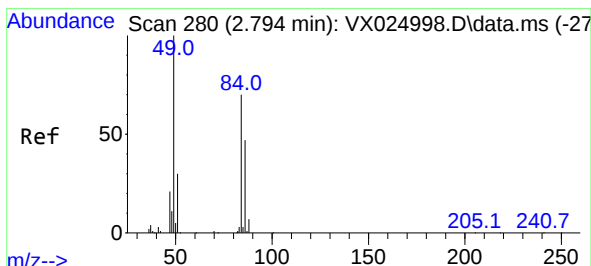
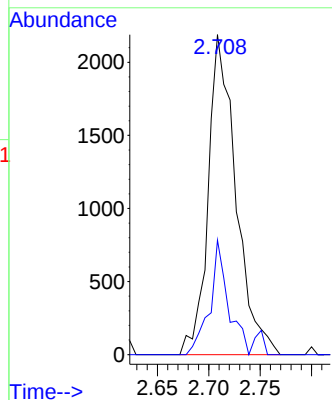
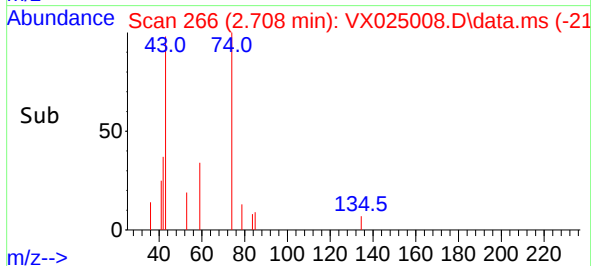


#15
Methyl Acetate
Concen: 3.121 ug/L
RT: 2.708 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

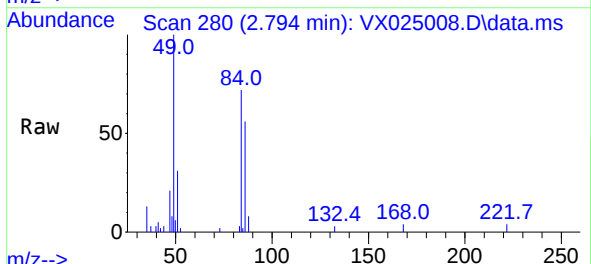
Instrument :
MSVOA_X
ClientSampled :
MDL02



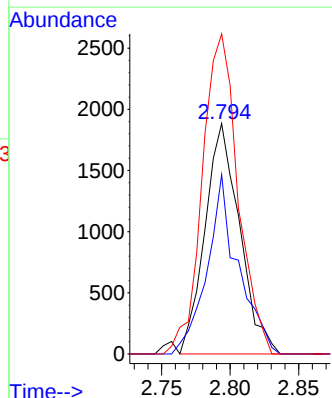
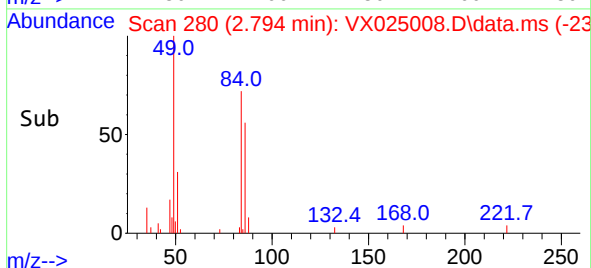
Tgt Ion: 43 Resp: 4114
Ion Ratio Lower Upper
43 100
74 20.2 28.6 42.8#

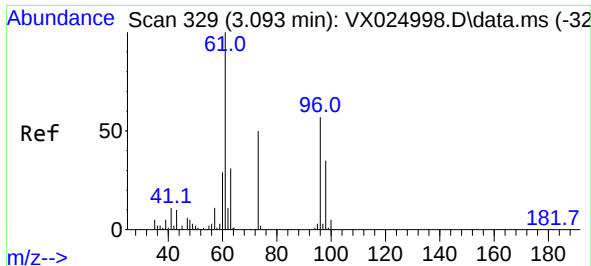


#16
Methylene chloride
Concen: 3.121 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

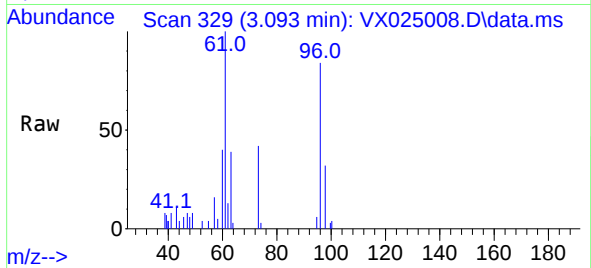


Tgt Ion: 84 Resp: 3311
Ion Ratio Lower Upper
84 100
86 77.8 44.4 82.5
49 138.9 64.0 118.8#



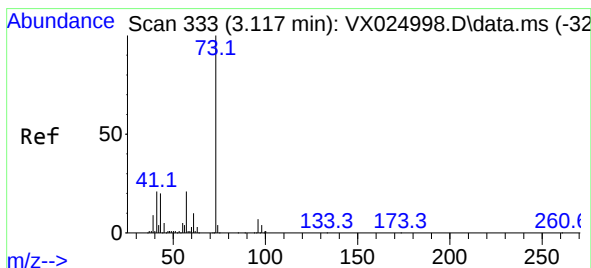
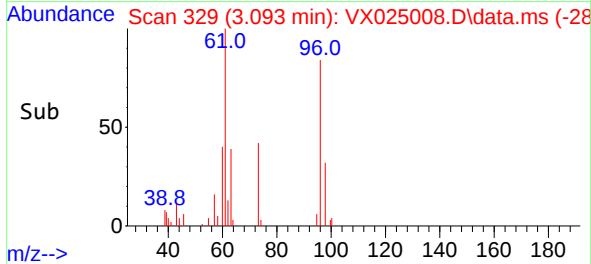
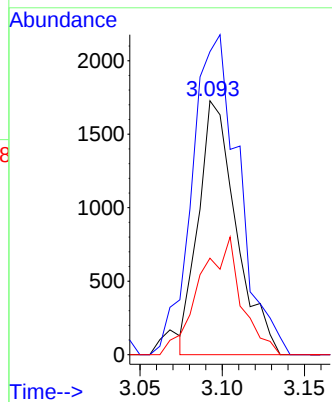


#17
trans-1,2-Dichloroethene
Concen: 2.873 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

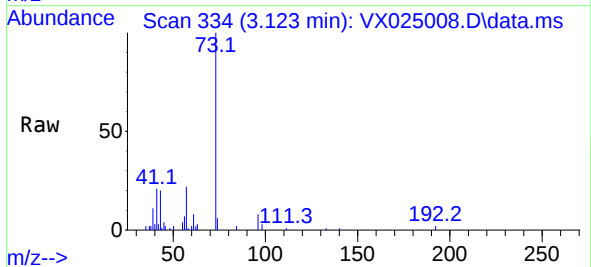


Tgt Ion: 96 Resp: 2756

Ion	Ratio	Lower	Upper
96	100		
61	119.3	99.4	184.6
98	38.0	47.0	87.2#

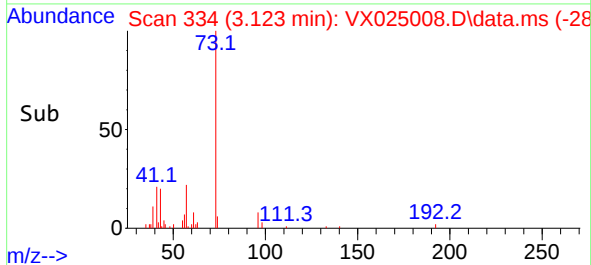
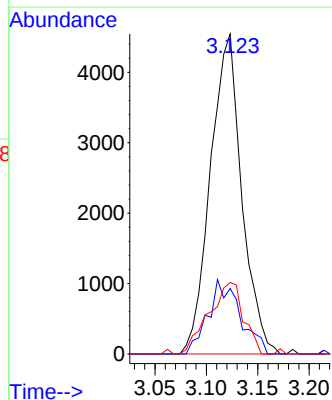


#18
Methyl tert-butyl Ether
Concen: 2.437 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



Tgt Ion: 73 Resp: 9654

Ion	Ratio	Lower	Upper
73	100		
43	12.7	12.4	18.6
57	24.7	13.2	19.8#

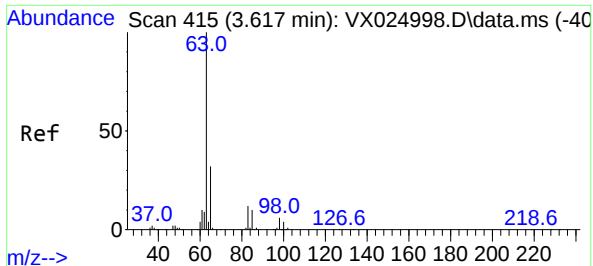


Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda

11/1/2021 12:58:58 PM



#19

1,1-Dichloroethane
Concen: 2.568 ug/L
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

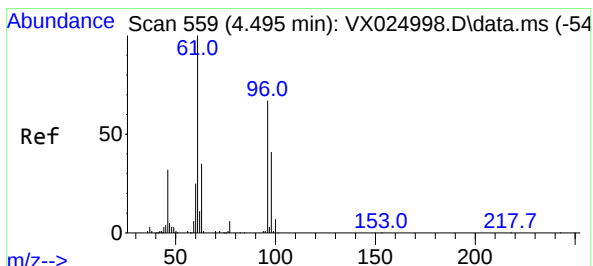
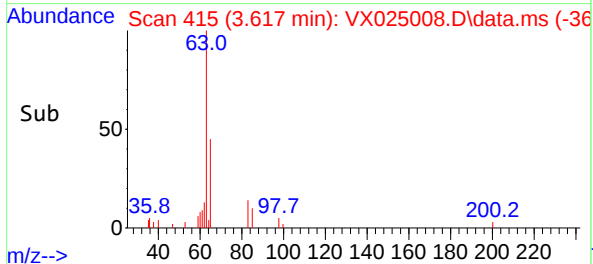
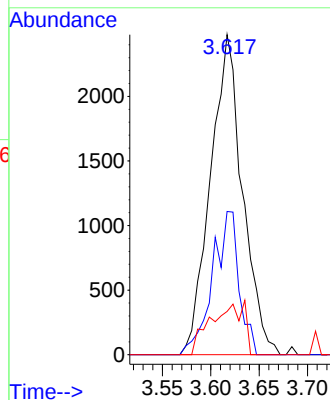
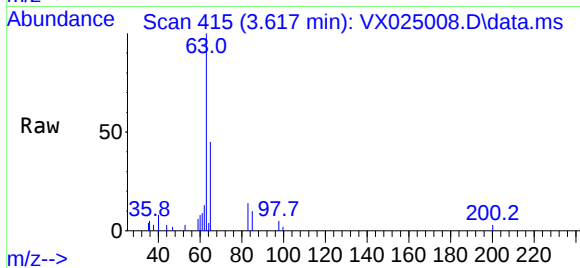
Tgt Ion: 63	Resp: 5724		
Ion Ratio	Lower	Upper	
63 100			
65 44.8	24.5	45.5	
83 13.5	11.7	21.7	

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda

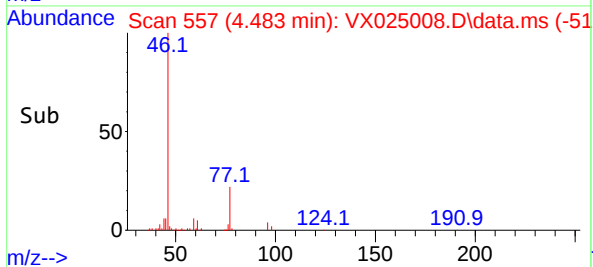
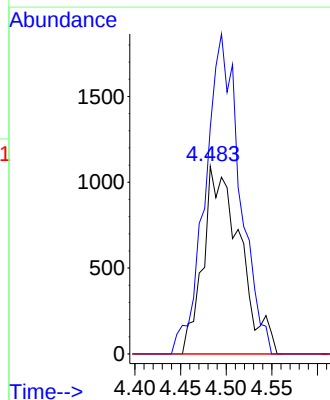
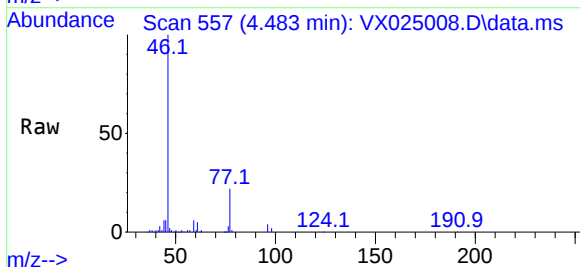
11/1/2021 12:58:58 PM

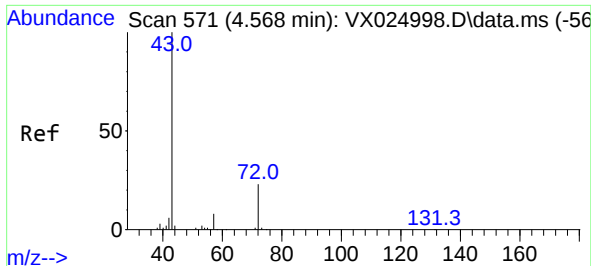


#20

cis-1,2-Dichloroethene
Concen: 2.825 ug/L m
RT: 4.483 min Scan# 557
Delta R.T. -0.013 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 96	Resp: 3062		
Ion Ratio	Lower	Upper	
96	100		
61	120.7	82.6	153.4
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 5.350 ug/L m
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

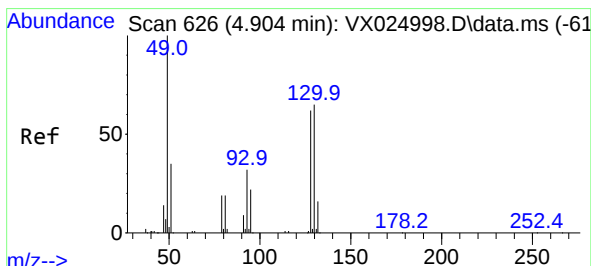
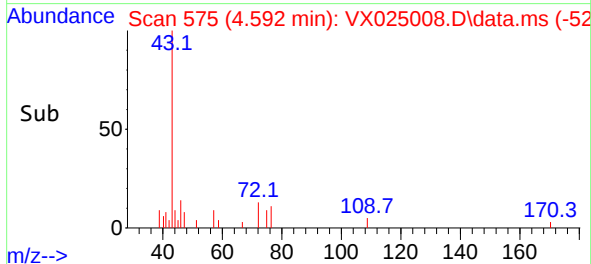
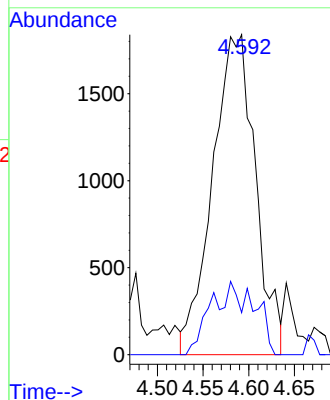
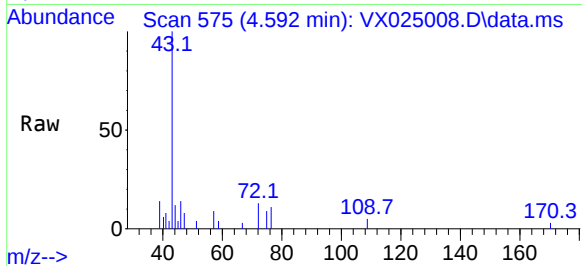
Tgt Ion: 43 Resp: 6004
Ion Ratio Lower Upper
43 100
72 1.2 18.4 55.0#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

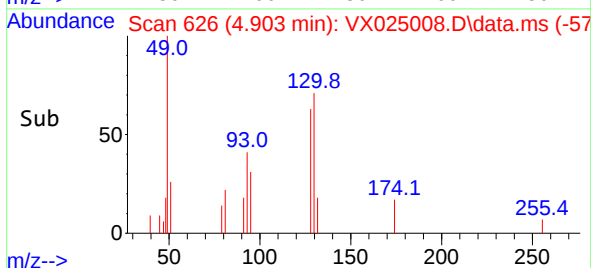
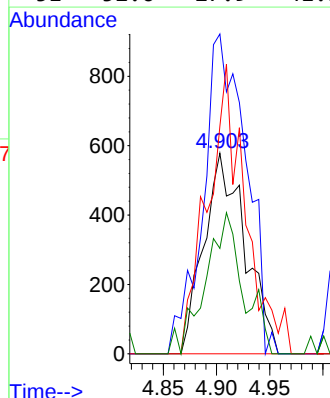
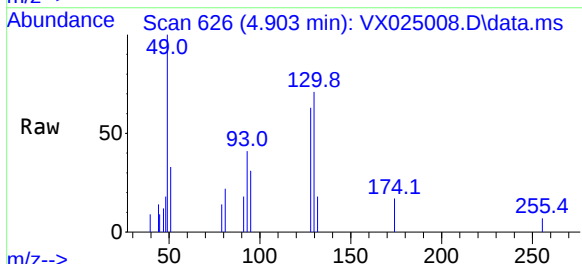
MMDadoda

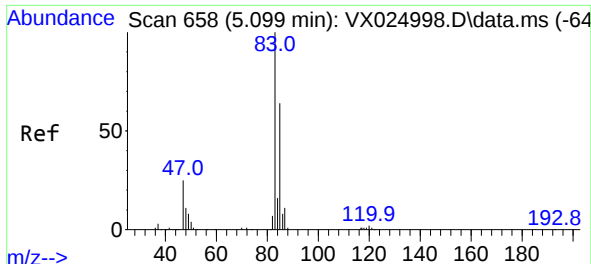
11/1/2021 12:58:58 PM



#23
Bromochloromethane
Concen: 2.894 ug/L m
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 128 Resp: 1567
Ion Ratio Lower Upper
128 100
49 159.5 71.5 132.7#
130 113.5 84.3 156.5
51 52.6 27.9 41.9#





#25

Chloroform

Concen: 3.062 ug/L m

RT: 5.110 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX025008.D

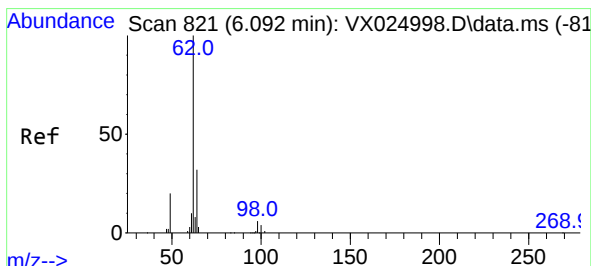
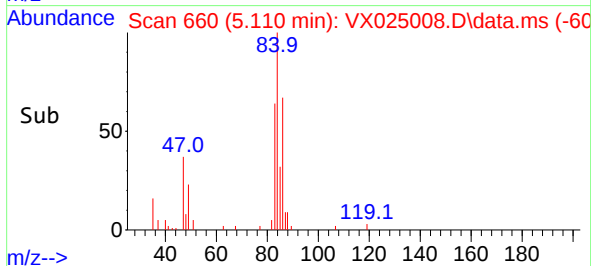
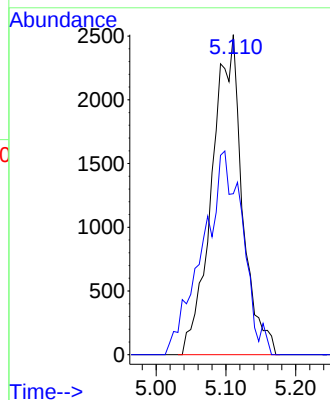
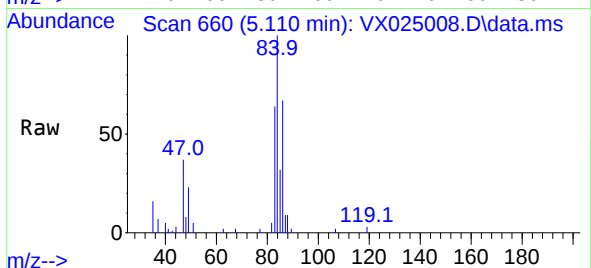
Acq: 28 Oct 2021 15:53

Tgt Ion: 83 Resp: 7598

Ion Ratio Lower Upper

83 100

85 50.3 46.3 86.1



#27

1,2-Dichloroethane

Concen: 2.814 ug/L m

RT: 6.086 min Scan# 820

Delta R.T. -0.007 min

Lab File: VX025008.D

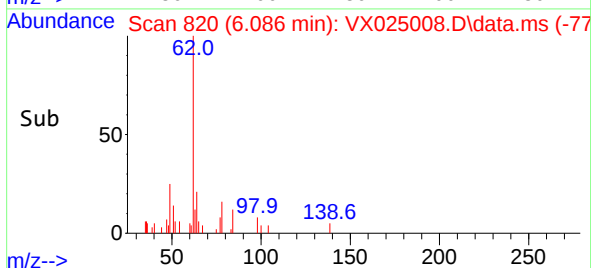
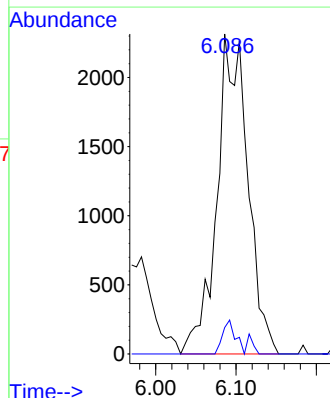
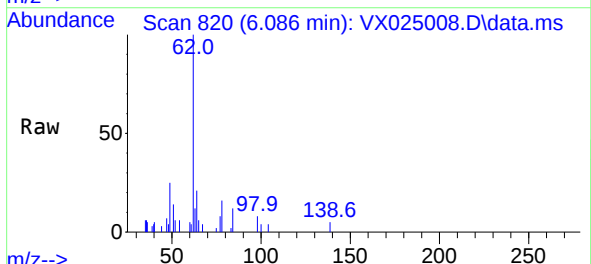
Acq: 28 Oct 2021 15:53

Tgt Ion: 62 Resp: 6172

Ion Ratio Lower Upper

62 100

98 8.3 5.5 8.3



Instrument :

MSVOA_X

ClientSampleId :

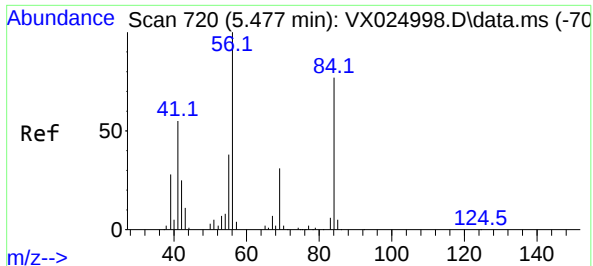
MDL02

Manual Integrations

APPROVED

MMDadoda

11/1/2021 12:58:58 PM



#29

Cyclohexane

Concen: 2.651 ug/L

RT: 5.476 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX025008.D

Acq: 28 Oct 2021 15:53

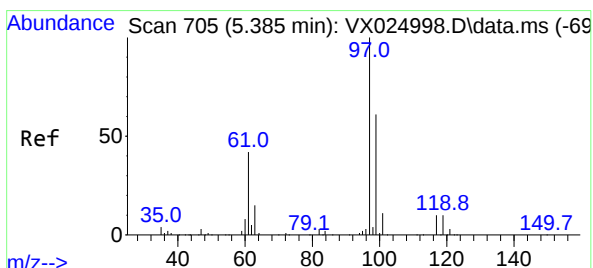
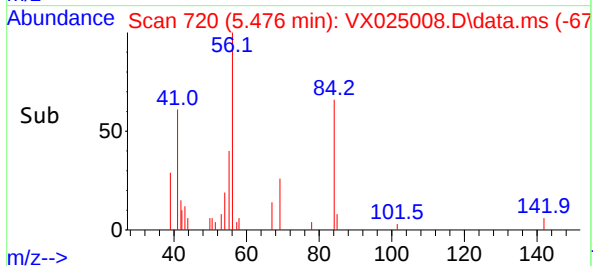
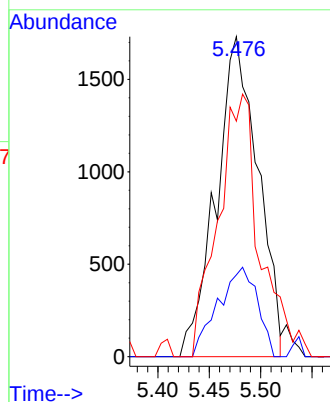
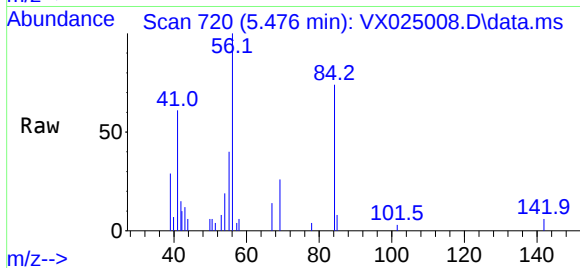
Tgt Ion:	56	Resp:	4889
Ion	Ratio	Lower	Upper
56	100		
69	26.4	30.8	46.2#
84	70.1	86.8	130.2#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda

11/1/2021 12:58:58 PM



#30

1,1,1-Trichloroethane

Concen: 2.719 ug/L m

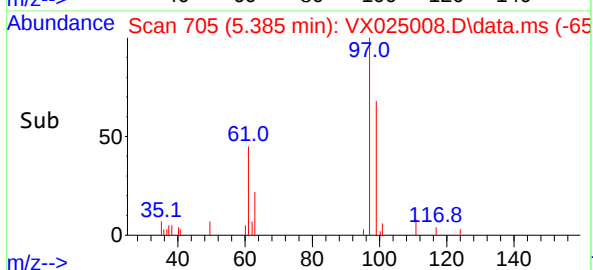
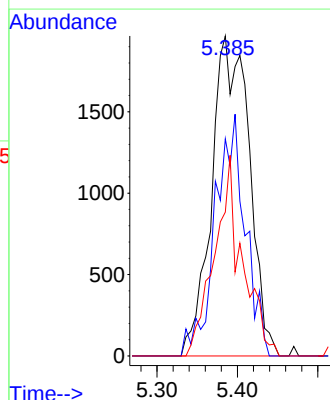
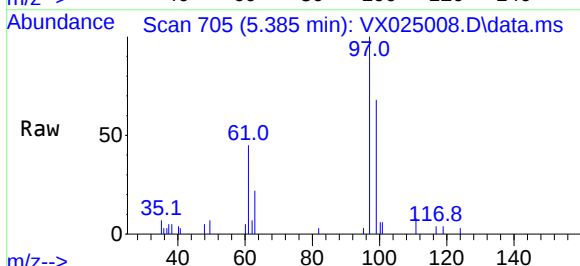
RT: 5.385 min Scan# 705

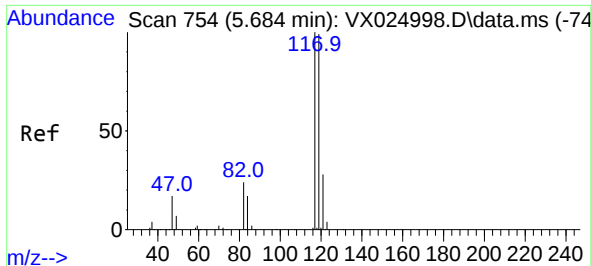
Delta R.T. -0.000 min

Lab File: VX025008.D

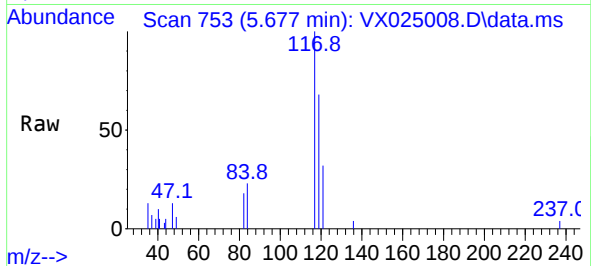
Acq: 28 Oct 2021 15:53

Tgt Ion:	97	Resp:	6397
Ion	Ratio	Lower	Upper
97	100		
99	56.9	53.1	79.7
61	31.6	26.3	39.5

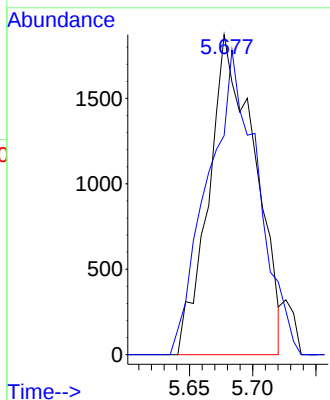
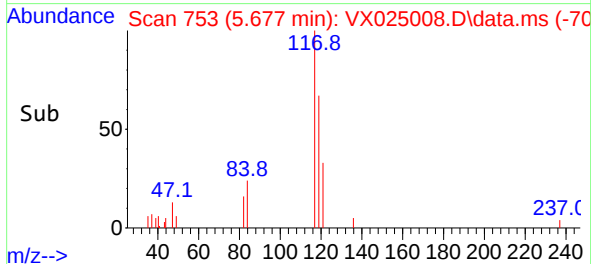




#31
Carbon tetrachloride
Concen: 2.382 ug/L
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



Tgt Ion:117 Resp: 4746
Ion Ratio Lower Upper
117 100
119 103.4 76.0 114.0

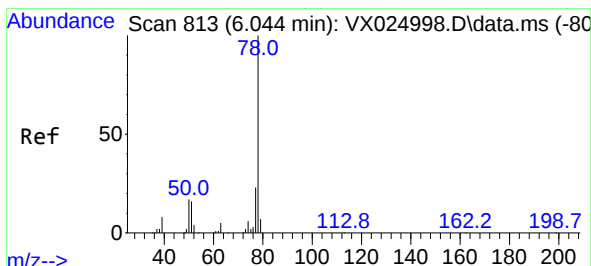


Instrument :
MSVOA_X
ClientSampleId :
MDL02

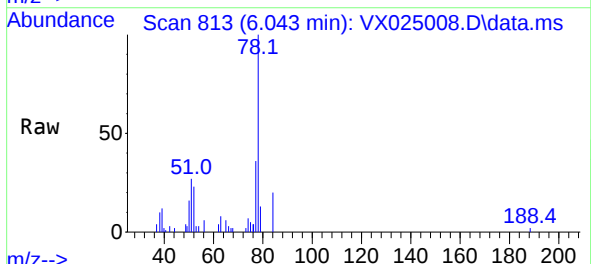
Manual Integrations
APPROVED

MMDadoda

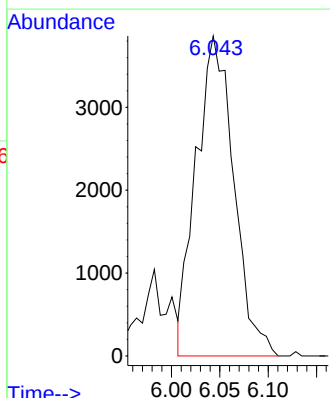
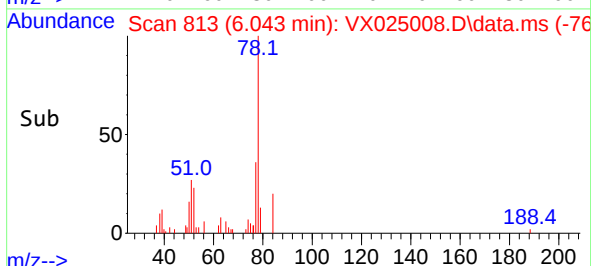
11/1/2021 12:58:58 PM

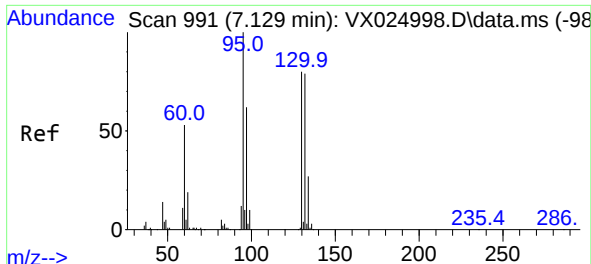


#33
Benzene
Concen: 2.487 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



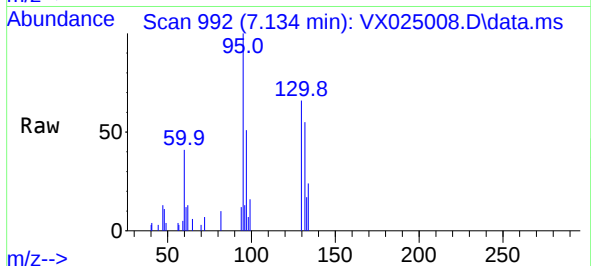
Tgt Ion: 78 Resp: 10472





#34
Trichloroethene
Concen: 2.619 ug/L
RT: 7.134 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Instrument :
MSVOA_X
ClientSampled :
MDL02

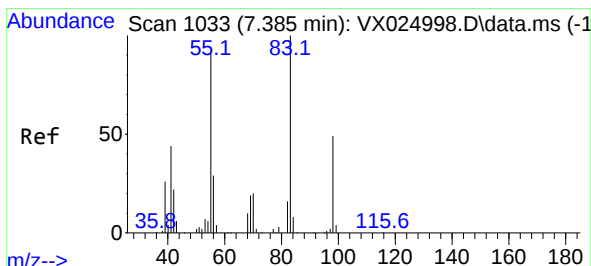
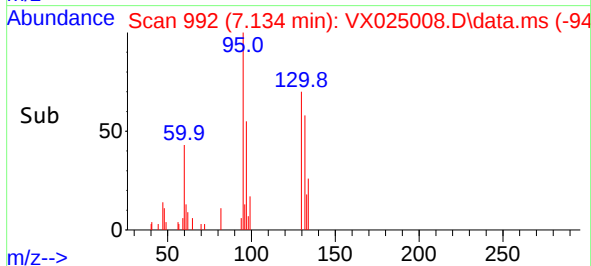
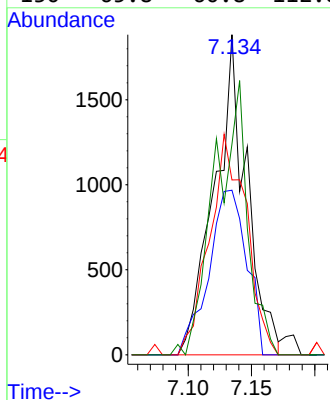


Tgt Ion: 95 Resp: 3327
Ion Ratio Lower Upper
95 100
97 51.4 44.2 82.2
132 54.6 60.1 111.5#
130 65.8 60.8 112.8

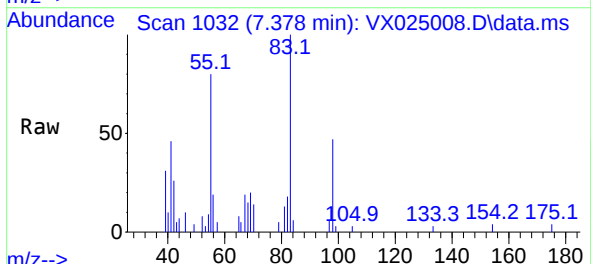
Manual Integrations
APPROVED

MMDadoda

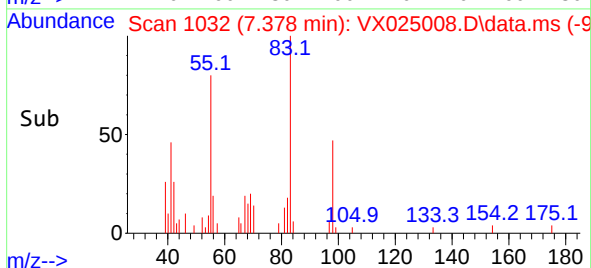
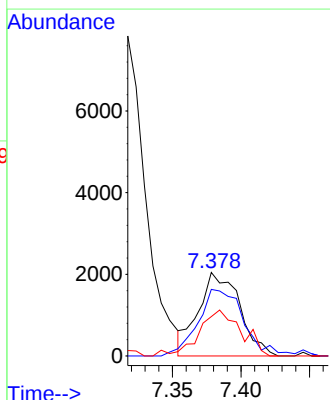
11/1/2021 12:58:58 PM

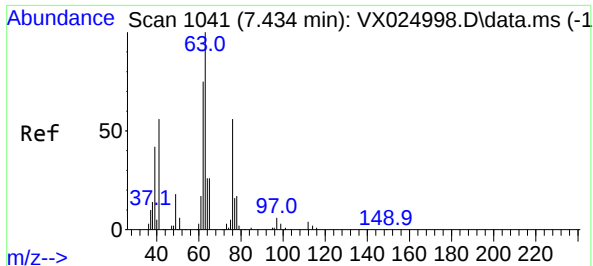


#35
Methylcyclohexane
Concen: 2.335 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



Tgt Ion: 83 Resp: 4281
Ion Ratio Lower Upper
83 100
55 88.2 52.6 79.0#
98 55.0 37.9 56.9





#37
1,2-Dichloropropane
Concen: 2.606 ug/L m
RT: 7.439 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

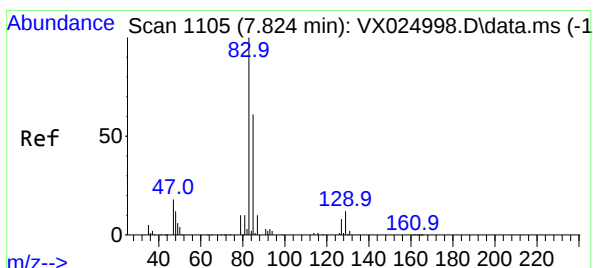
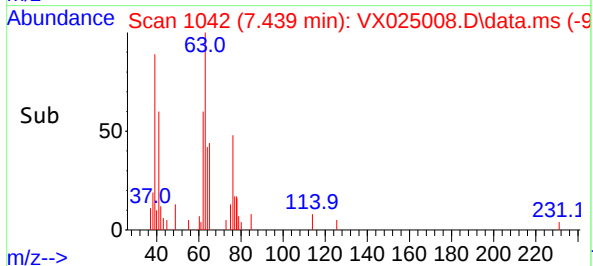
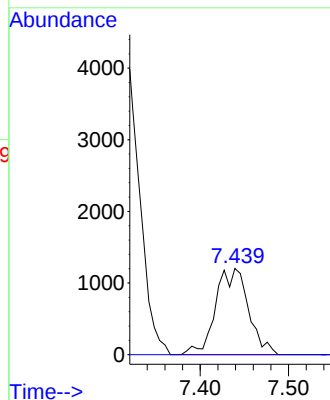
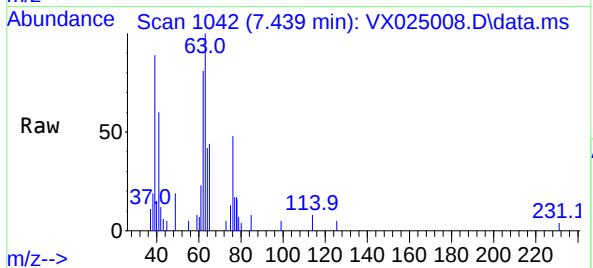
Tgt Ion: 63 Resp: 3122
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

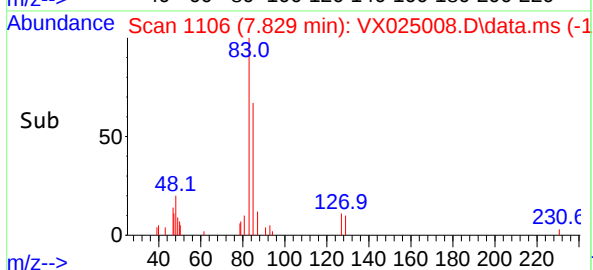
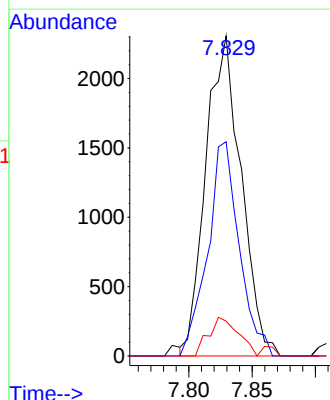
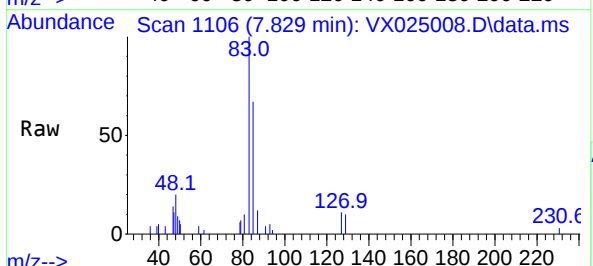
MMDadoda

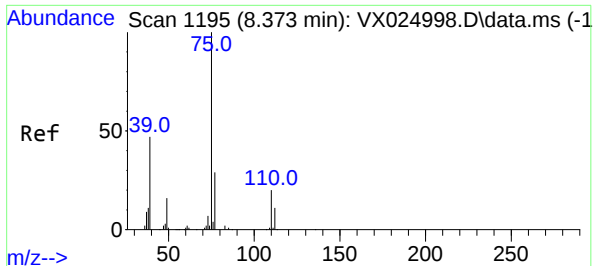
11/1/2021 12:58:58 PM



#38
Bromodichloromethane
Concen: 2.448 ug/L
RT: 7.829 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 83 Resp: 4481
Ion Ratio Lower Upper
83 100
85 67.0 46.8 87.0
127 10.9 8.2 12.2





#39
cis-1,3-Dichloropropene
Concen: 2.548 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

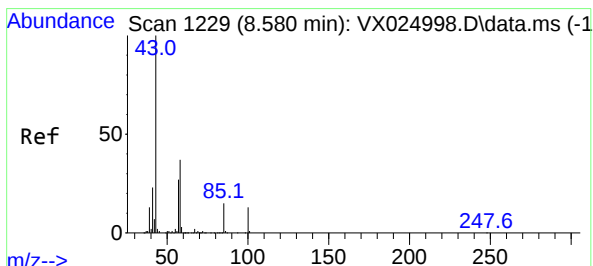
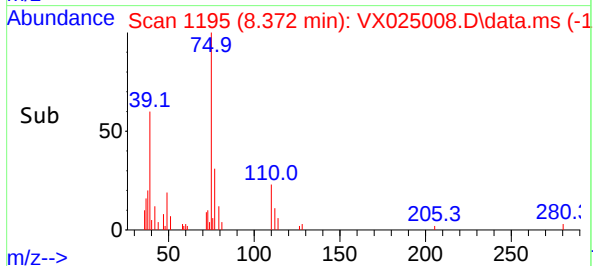
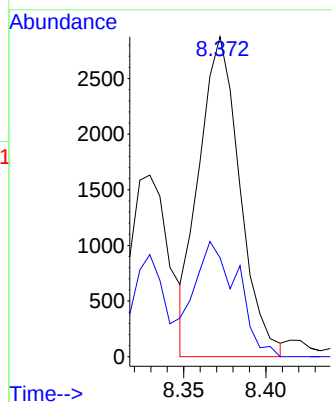
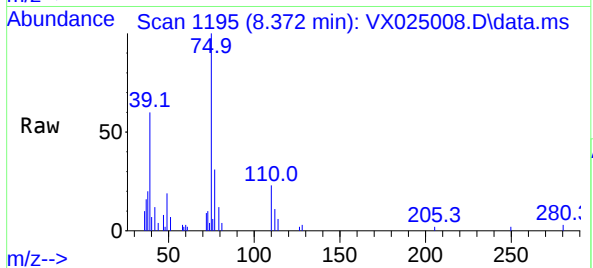
Tgt Ion: 75 Resp: 4961
Ion Ratio Lower Upper
75 100
77 30.9 23.1 42.9

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
APPROVED

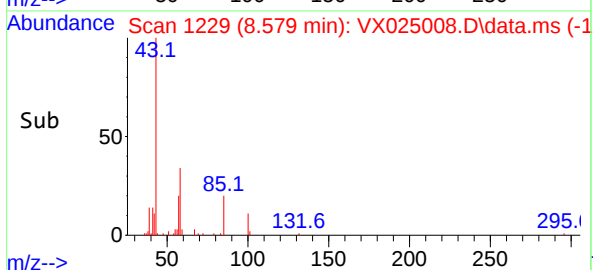
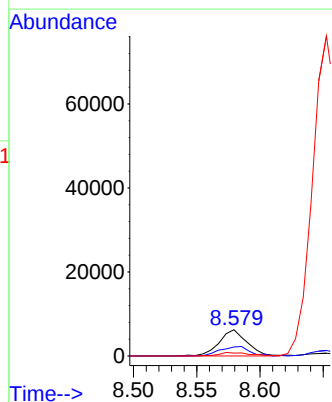
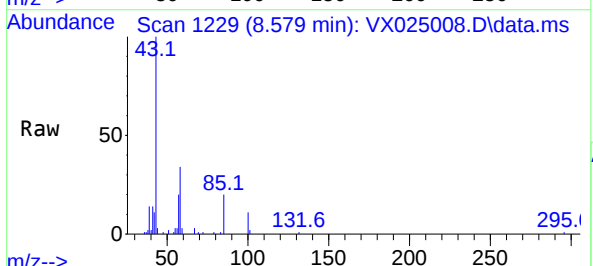
MMDadoda

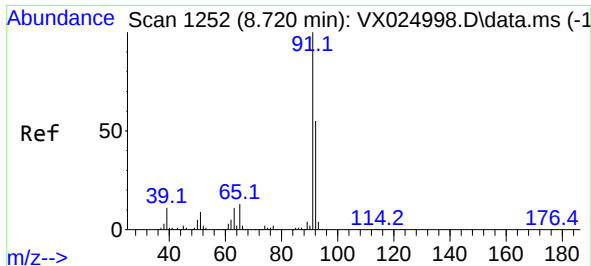
11/1/2021 12:58:58 PM



#40
4-Methyl-2-pentanone
Concen: 5.114 ug/L
RT: 8.579 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 43 Resp: 9514
Ion Ratio Lower Upper
43 100
58 38.7 41.3 61.9#
100 15.0 19.6 29.4#





#42
Toluene
Concen: 3.081 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

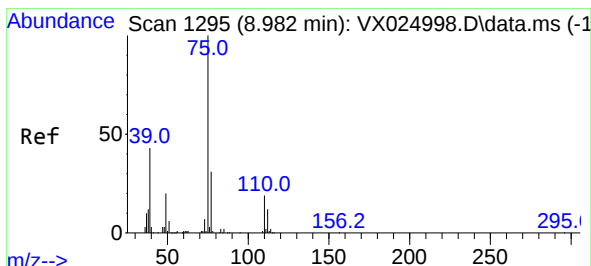
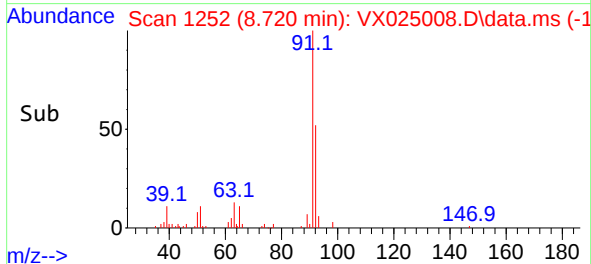
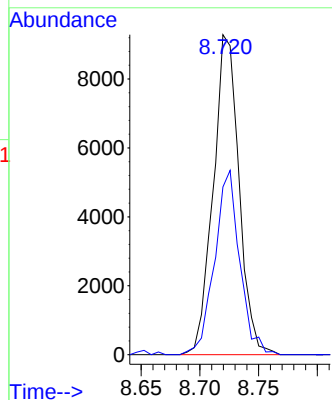
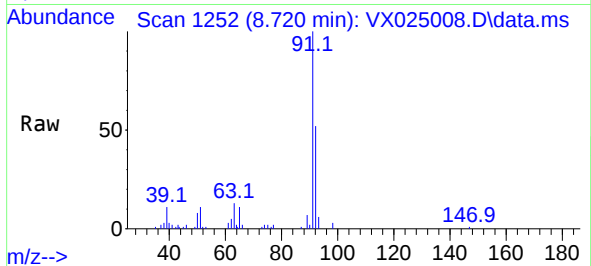
Tgt Ion: 91 Resp: 14198
Ion Ratio Lower Upper
91 100
92 52.4 39.3 72.9

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

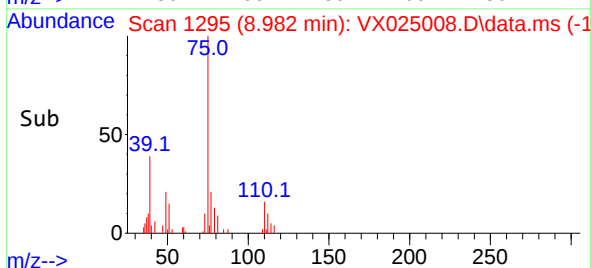
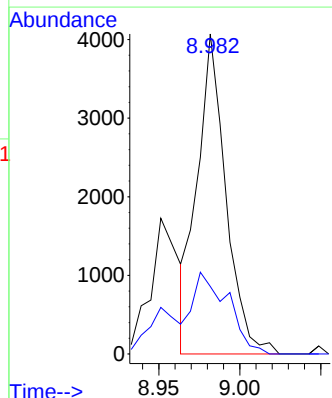
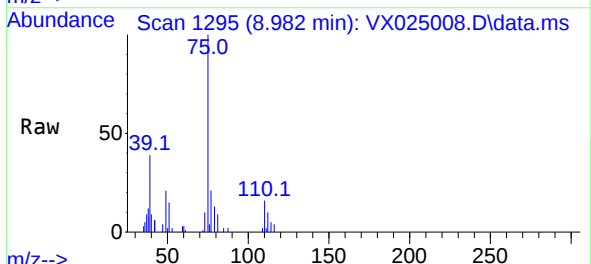
MMDadoda

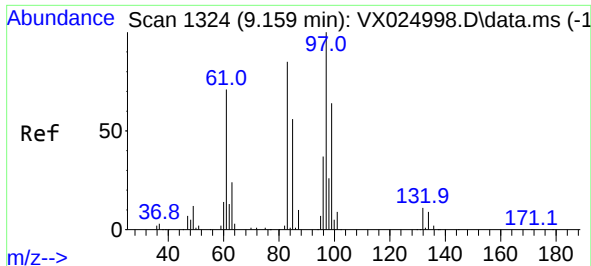
11/1/2021 12:58:58 PM



#44
trans-1,3-Dichloropropene
Concen: 2.500 ug/L m
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion: 75 Resp: 5012
Ion Ratio Lower Upper
75 100
77 21.1 23.4 43.6#





#45
1,1,2-Trichloroethane
Concen: 2.539 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

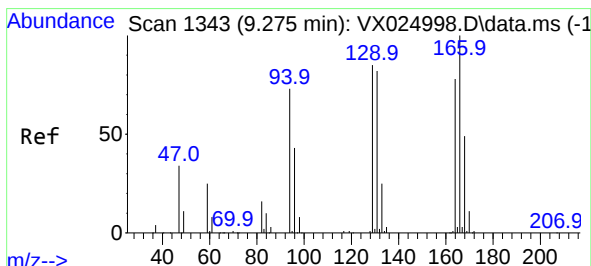
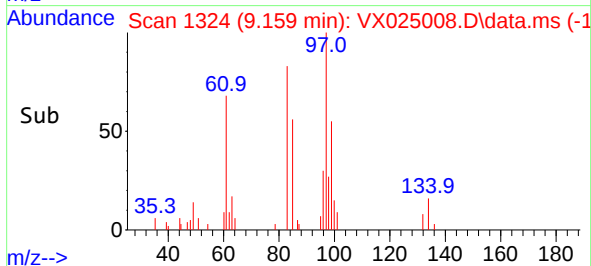
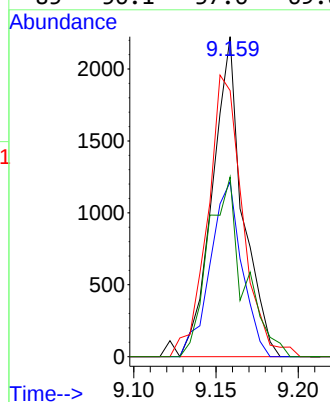
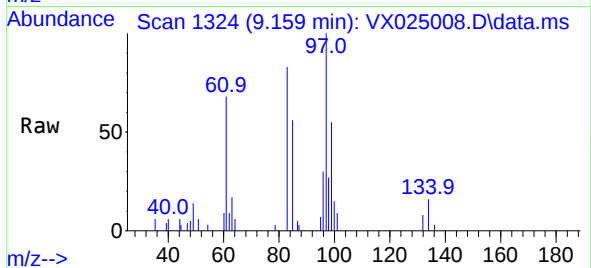
Tgt Ion:	97	Resp:	2847
Ion	Ratio	Lower	Upper
97	100		
99	54.6	43.5	80.7
83	83.1	58.2	108.0
85	56.1	37.6	69.8

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

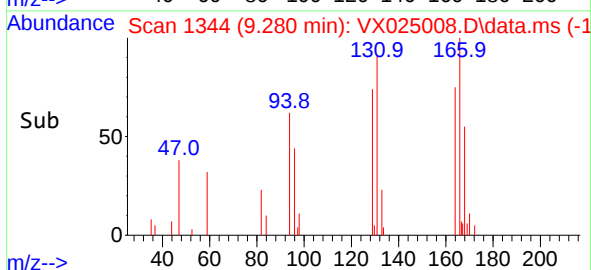
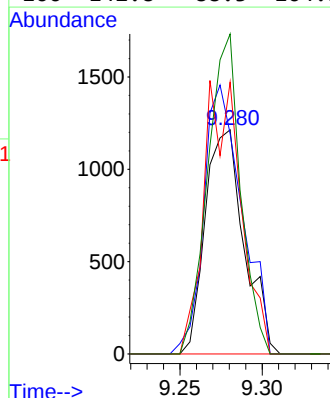
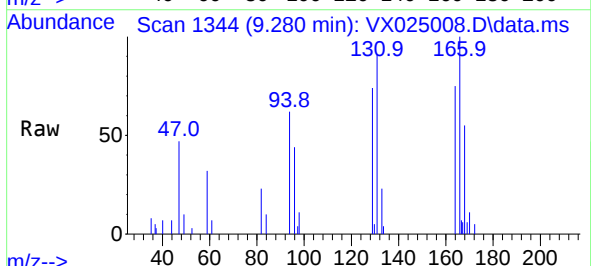
MMDadoda

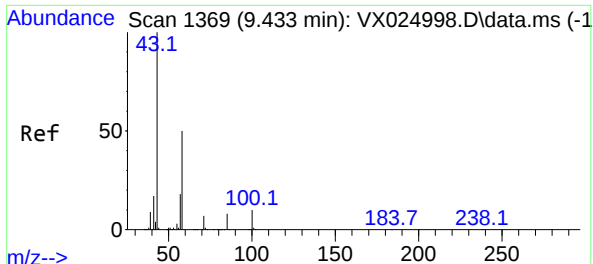
11/1/2021 12:58:58 PM



#46
Tetrachloroethene
Concen: 2.525 ug/L
RT: 9.280 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:	164	Resp:	2002
Ion	Ratio	Lower	Upper
164	100		
129	105.1	78.5	145.7
131	121.3	70.5	130.9
166	142.8	88.3	164.1





#48
2-Hexanone
Concen: 6.123 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

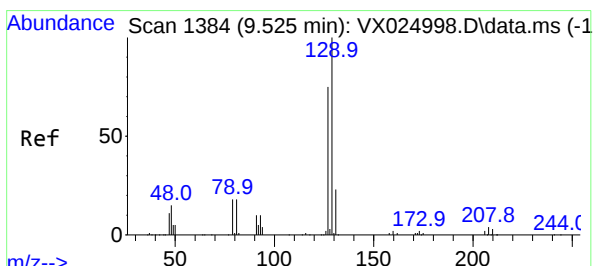
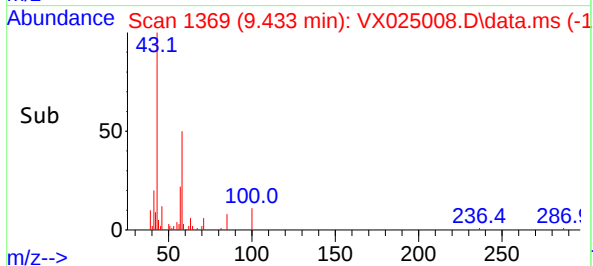
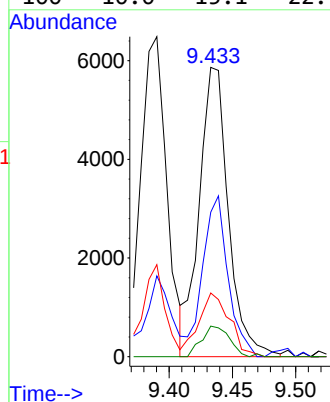
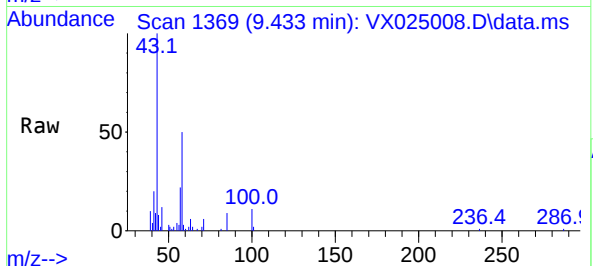
Tgt Ion:	43	Resp:	9415
Ion	Ratio	Lower	Upper
43	100		
58	47.3	56.0	84.0#
57	23.4	20.4	30.6
100	10.0	15.1	22.7#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

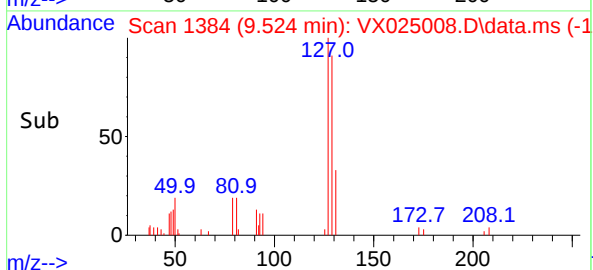
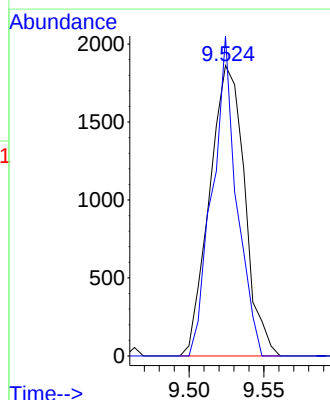
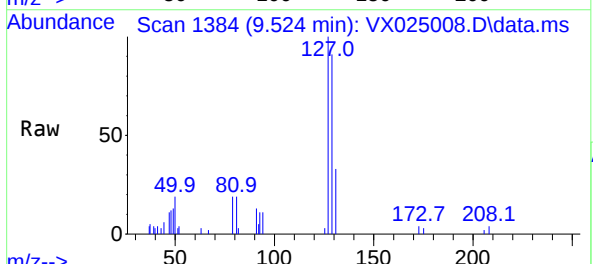
MMDadoda

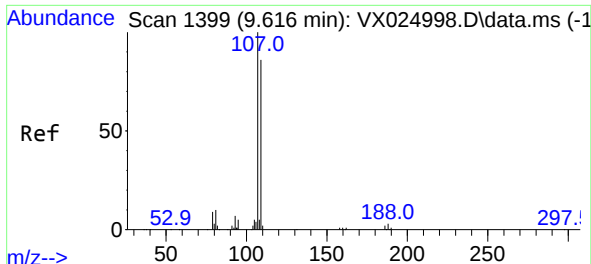
11/1/2021 12:58:58 PM



#49
Dibromochloromethane
Concen: 2.408 ug/L
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:	129	Resp:	3040
Ion	Ratio	Lower	Upper
129	100		
127	110.2	54.1	100.5#





#50
1,2-Dibromoethane
Concen: 2.689 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

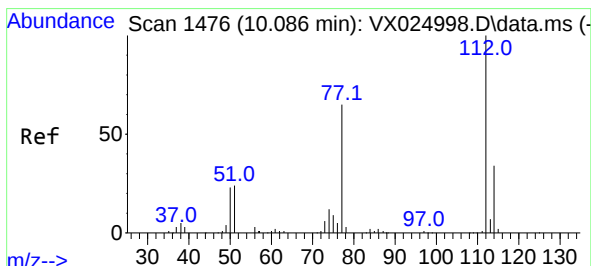
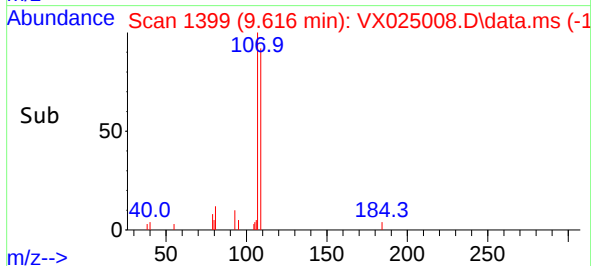
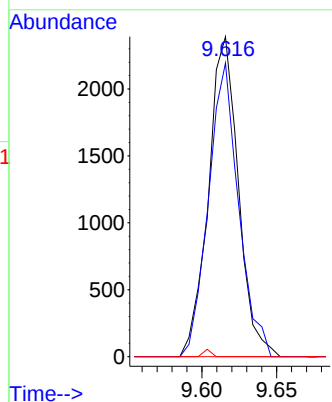
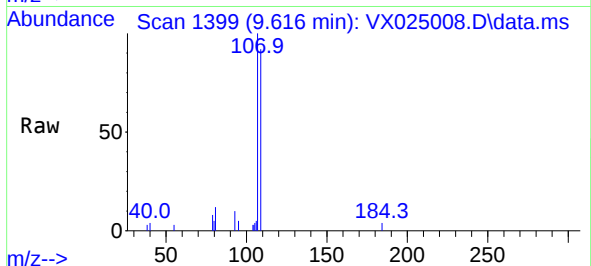
Tgt Ion:	107	Resp:	3327
Ion	Ratio	Lower	Upper
107	100		
109	91.8	63.8	118.6
188	0.0	2.2	3.2#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

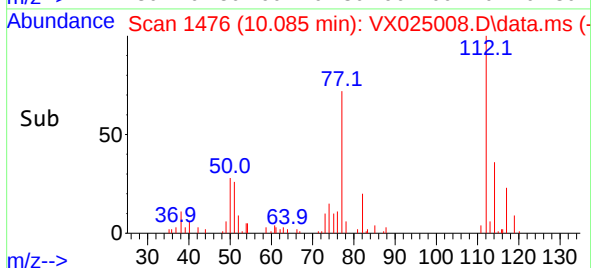
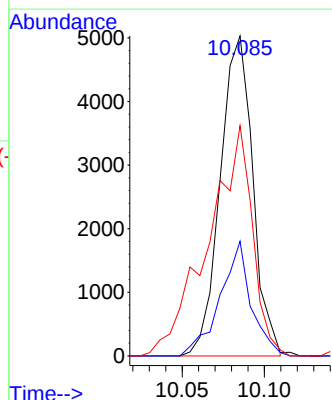
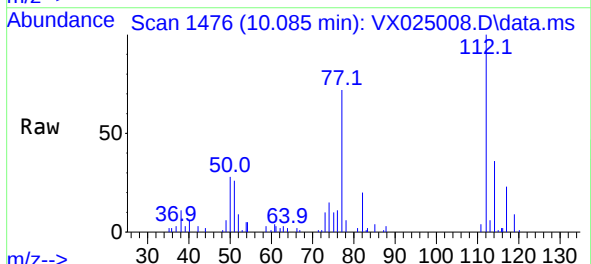
MMDadoda

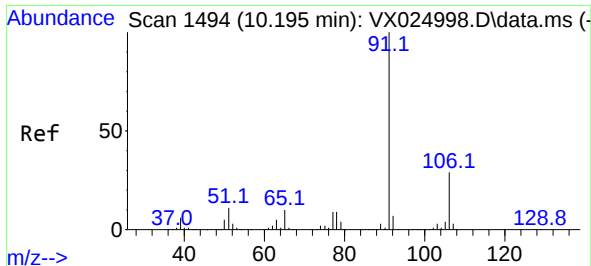
11/1/2021 12:58:58 PM



#51
Chlorobenzene
Concen: 2.517 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

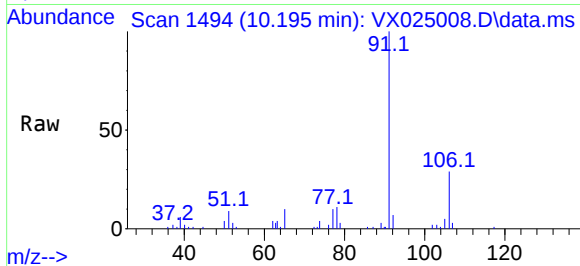
Tgt Ion:	112	Resp:	6936
Ion	Ratio	Lower	Upper
112	100		
114	35.9	22.7	42.3
77	72.0	46.8	70.2#





#52
Ethylbenzene
Concen: 2.566 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Instrument :
MSVOA_X
ClientSampleId :
MDL02

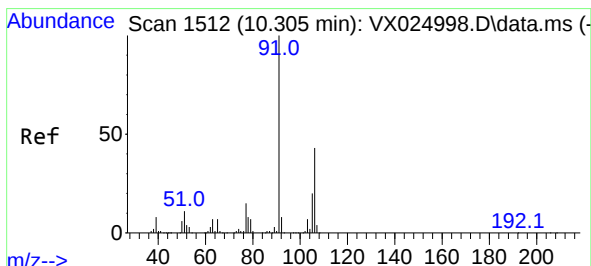
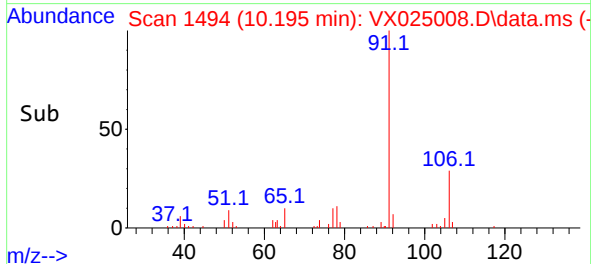
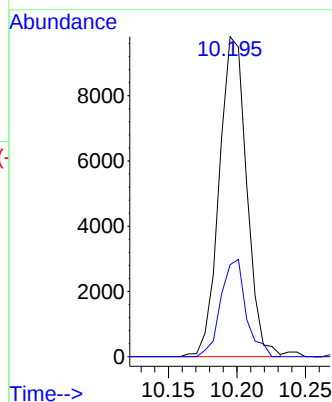


Tgt Ion: 91 Resp: 13645
Ion Ratio Lower Upper
91 100
106 28.8 20.2 37.6

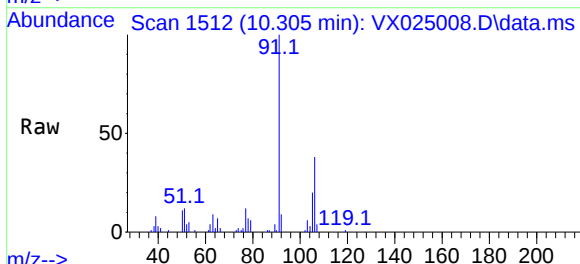
Manual Integrations
APPROVED

MMDadoda

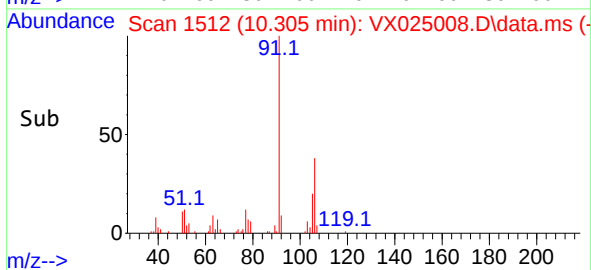
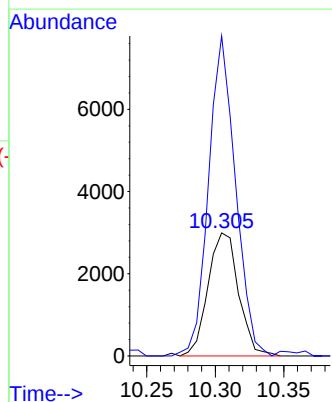
11/1/2021 12:58:58 PM

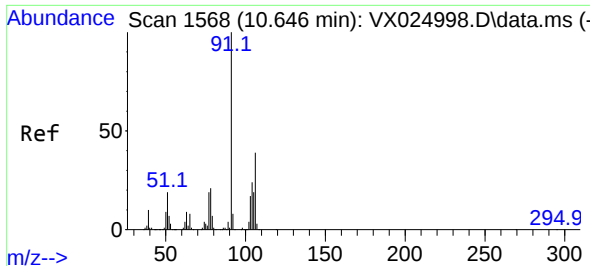


#53
m,p-Xylene
Concen: 2.539 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53



Tgt Ion: 106 Resp: 4644
Ion Ratio Lower Upper
106 100
91 260.0 160.2 297.6





#54
o-Xylene
Concen: 2.356 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

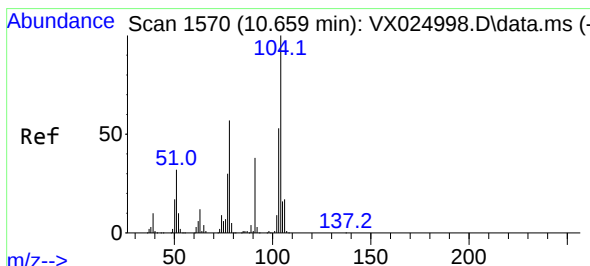
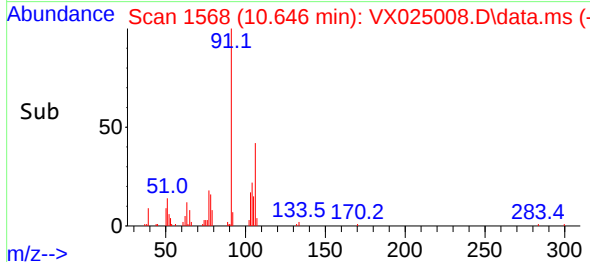
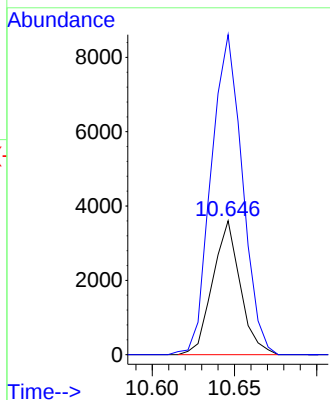
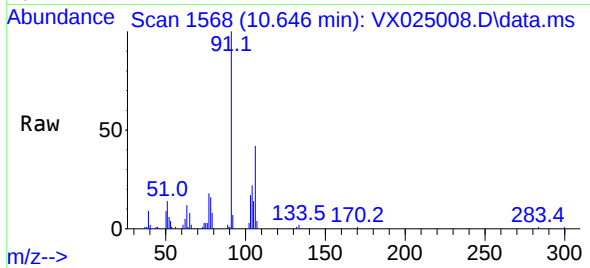
Tgt Ion:106 Resp: 4213
Ion Ratio Lower Upper
106 100
91 238.8 164.4 305.4

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
APPROVED

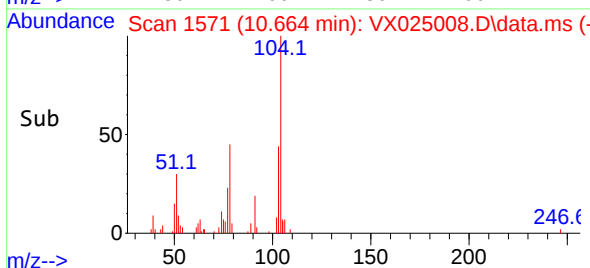
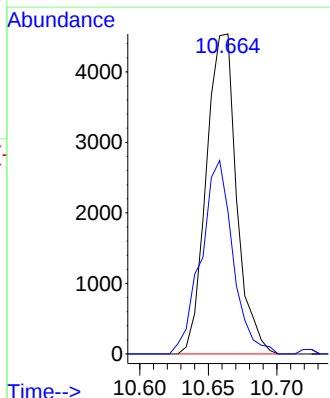
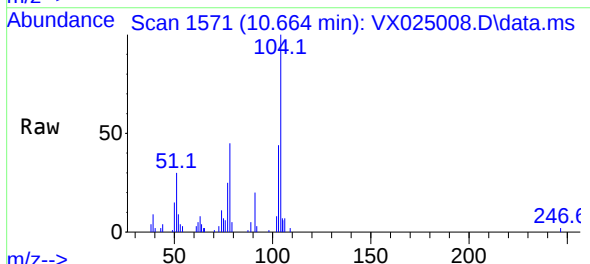
MMDadoda

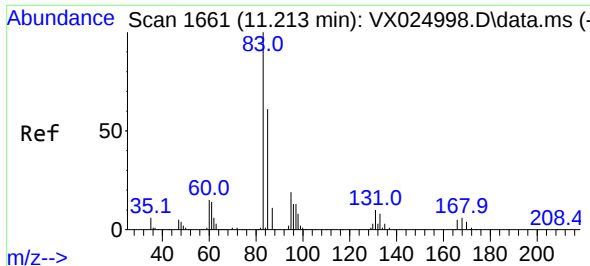
11/1/2021 12:58:58 PM



#55
Styrene
Concen: 2.309 ug/L
RT: 10.664 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:104 Resp: 6982
Ion Ratio Lower Upper
104 100
78 44.5 38.2 71.0





#57
1,1,2,2-Tetrachloroethane
Concen: 2.737 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

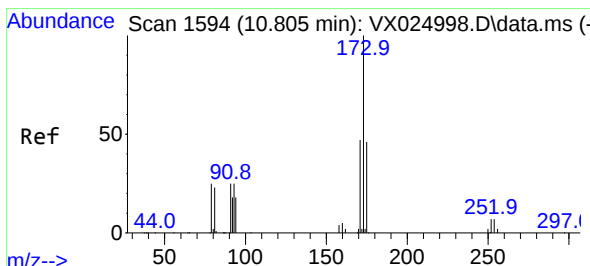
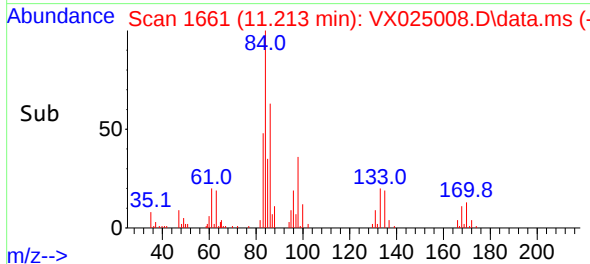
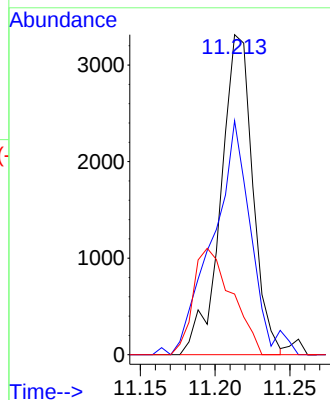
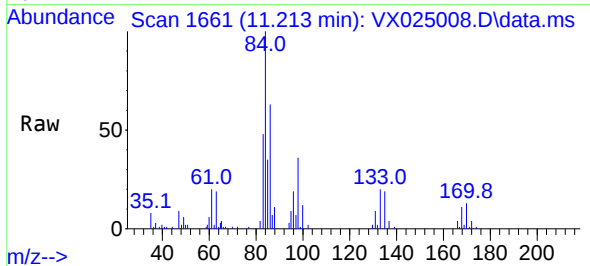
Tgt Ion:	83	Resp:	4939
Ion	Ratio	Lower	Upper
83	100		
85	73.1	46.9	87.1
131	19.0	8.7	13.1#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

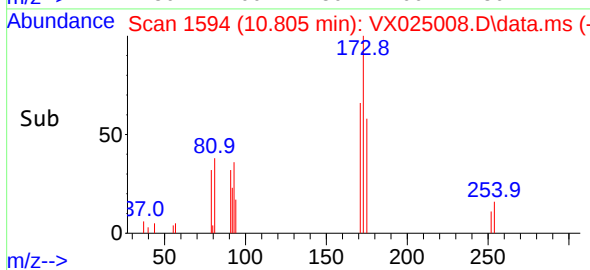
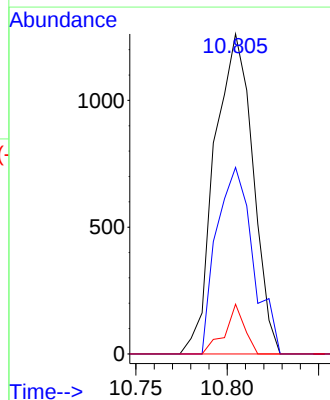
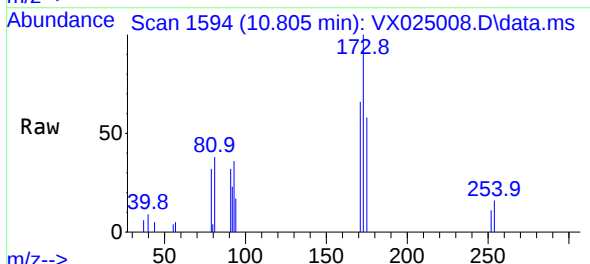
MMDadoda

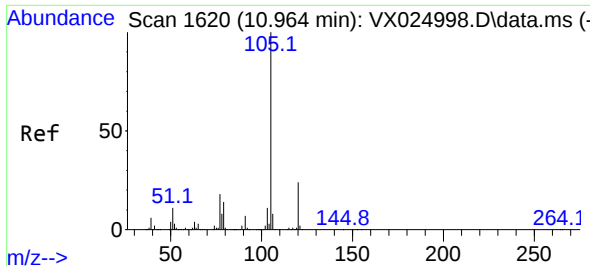
11/1/2021 12:58:58 PM



#59
Bromoform
Concen: 2.424 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

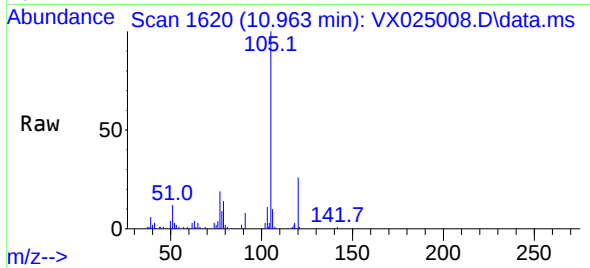
Tgt Ion:	173	Resp:	1839
Ion	Ratio	Lower	Upper
173	100		
175	55.5	36.6	55.0#
254	7.9	4.9	7.3#





#60
Isopropylbenzene
Concen: 2.597 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Instrument :
MSVOA_X
ClientSampled :
MDL02

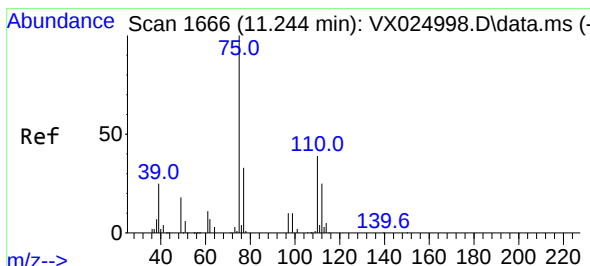
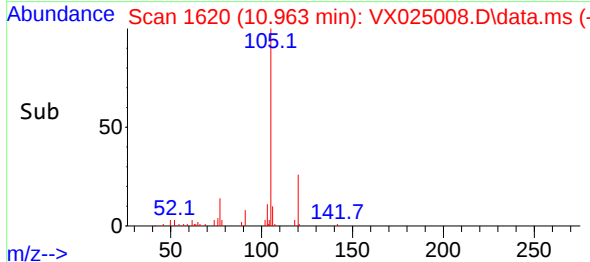
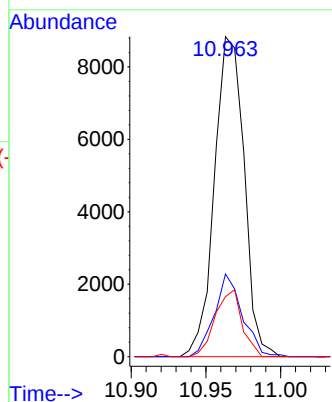


Tgt Ion:	105	Resp:	12191
Ion	Ratio	Lower	Upper
105	100		
120	24.3	19.8	29.6
77	18.9	13.2	19.8

Manual Integrations
APPROVED

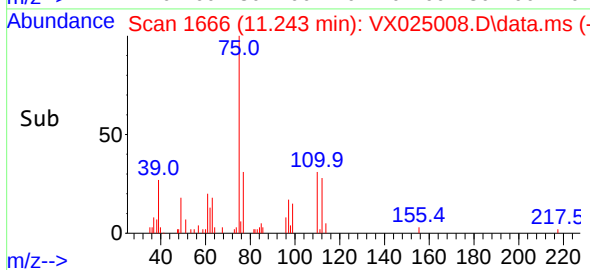
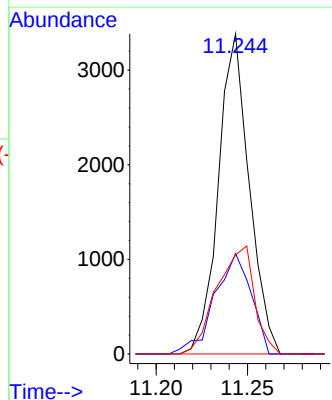
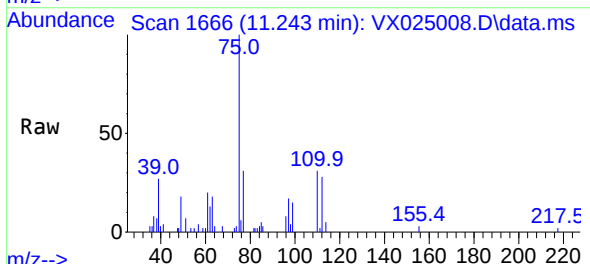
MMDadoda

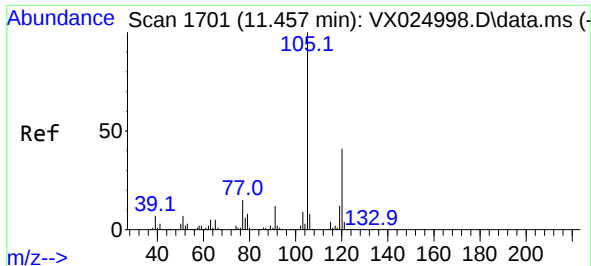
11/1/2021 12:58:58 PM



#61
1,2,3-Trichloropropane
Concen: 2.657 ug/L
RT: 11.243 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:	75	Resp:	3985
Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.6	39.8
110	40.9	37.2	55.8





#62
1,3,5-Trimethylbenzene
Concen: 2.342 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

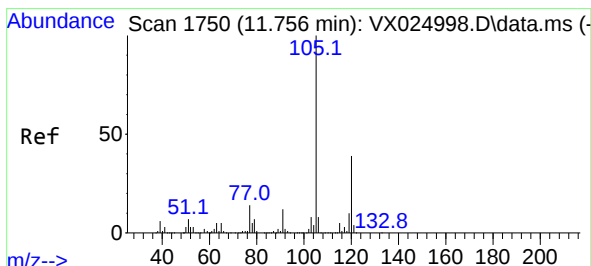
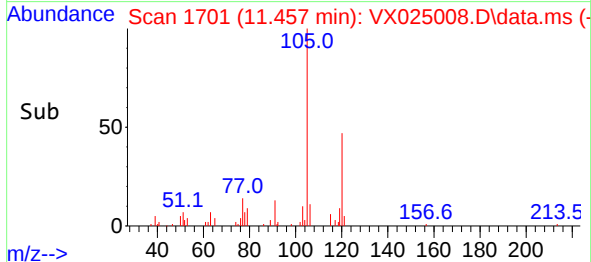
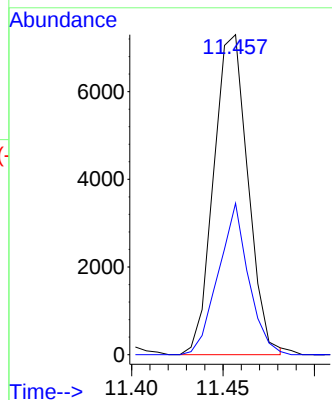
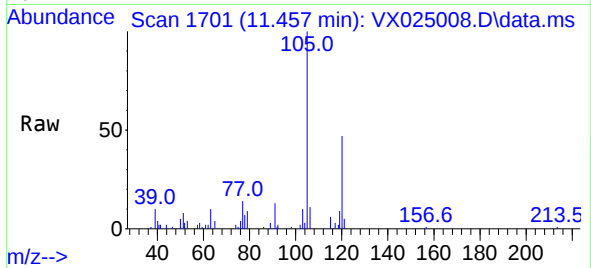
Tgt Ion:105 Resp: 9522
Ion Ratio Lower Upper
105 100
120 41.9 34.4 51.6

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

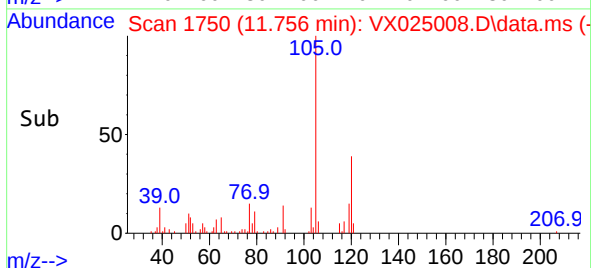
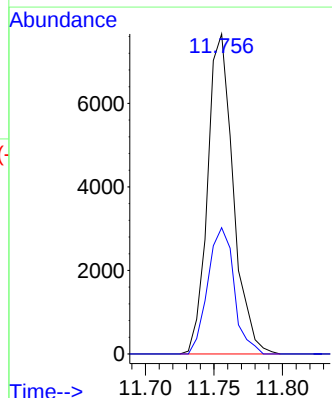
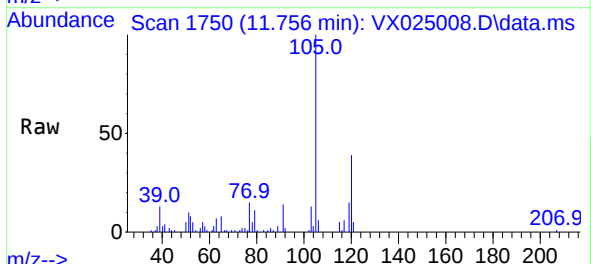
MMDadoda

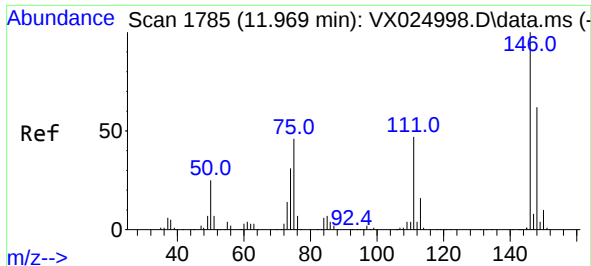
11/1/2021 12:58:58 PM



#63
1,2,4-Trimethylbenzene
Concen: 2.446 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:105 Resp: 9969
Ion Ratio Lower Upper
105 100
120 40.4 31.0 46.6





#64
1,3-Dichlorobenzene
Concen: 2.619 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

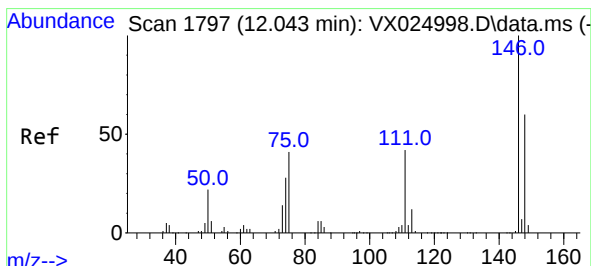
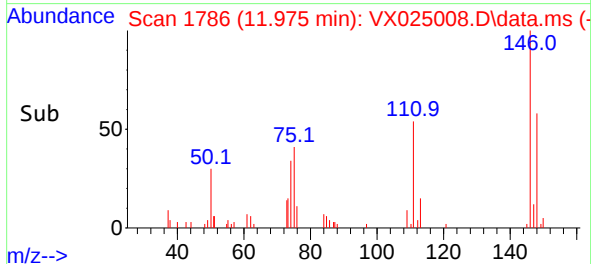
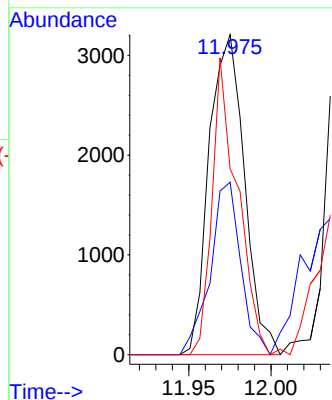
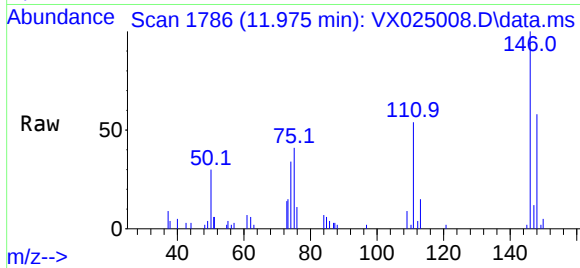
Tgt Ion:146 Resp: 4784
Ion Ratio Lower Upper
146 100
111 53.9 31.1 57.9
148 58.0 43.2 80.2

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

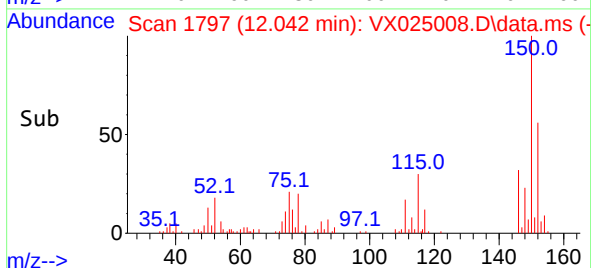
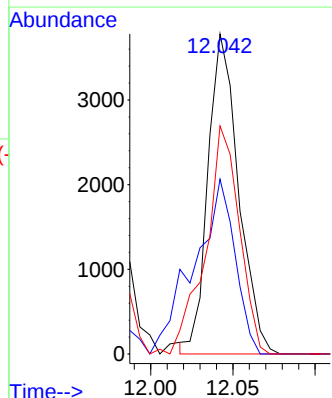
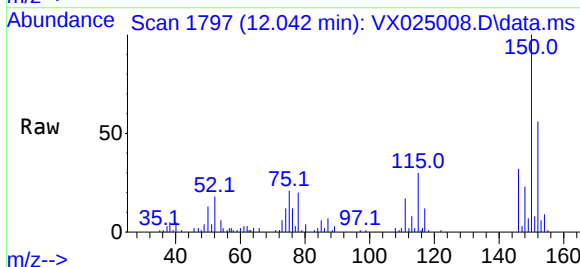
MMDadoda

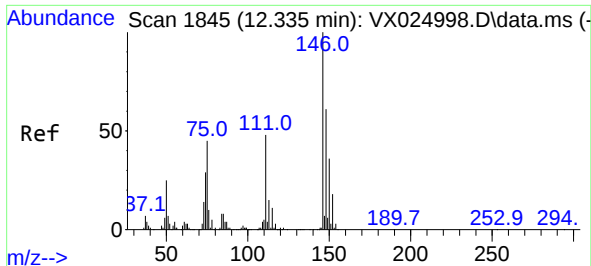
11/1/2021 12:58:58 PM



#65
1,4-Dichlorobenzene
Concen: 2.586 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:146 Resp: 4885
Ion Ratio Lower Upper
146 100
111 54.6 31.8 59.0
148 71.2 46.1 85.5





#67
1,2-Dichlorobenzene
Concen: 2.848 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

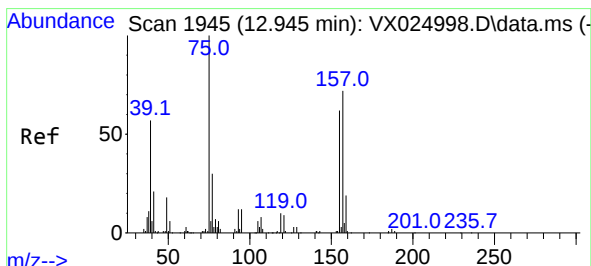
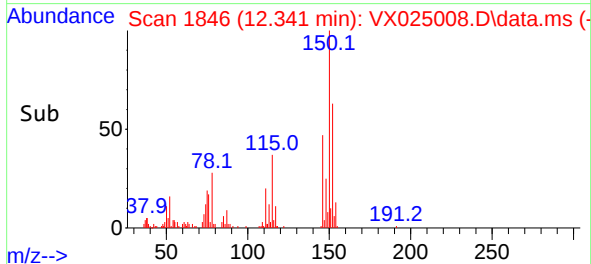
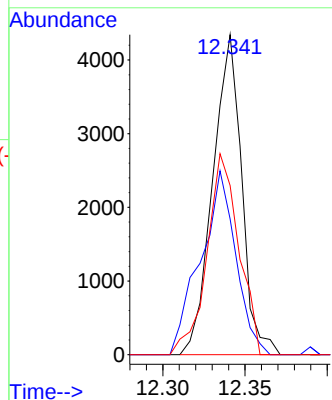
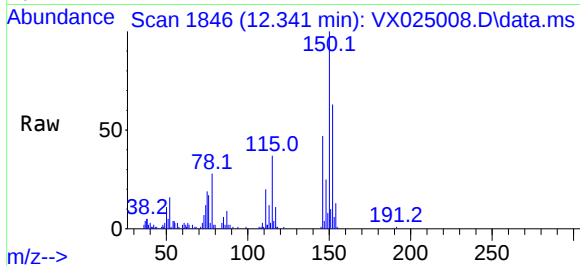
Tgt Ion: 146 Resp: 5315
Ion Ratio Lower Upper
146 100
111 42.4 38.5 57.7
148 52.9 53.2 79.8#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

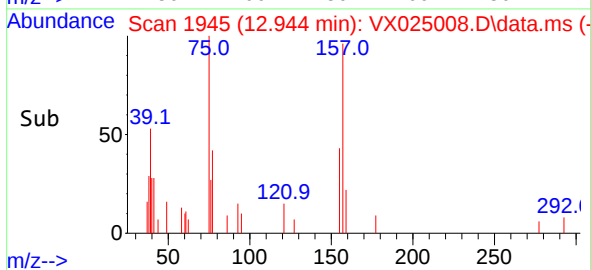
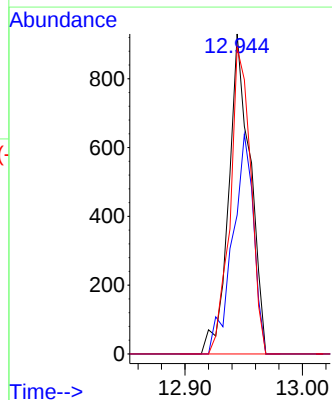
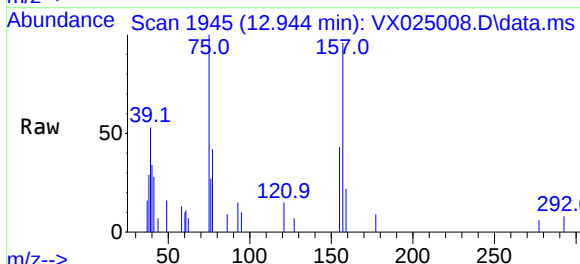
MMDadoda

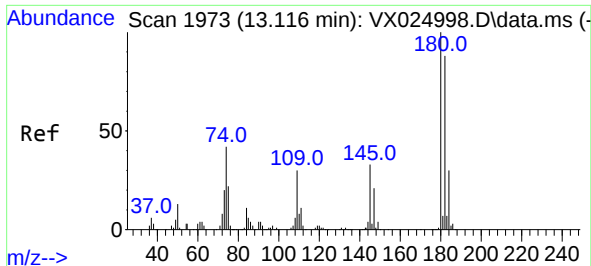
11/1/2021 12:58:58 PM



#68
1,2-Dibromo-3-chloropropane
Concen: 2.421 ug/L
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

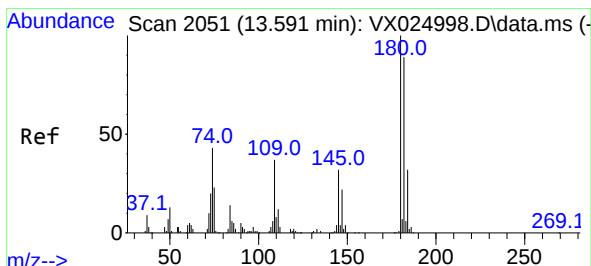
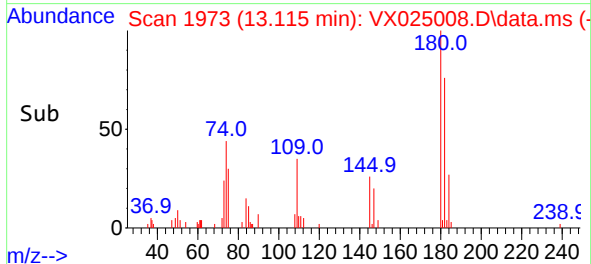
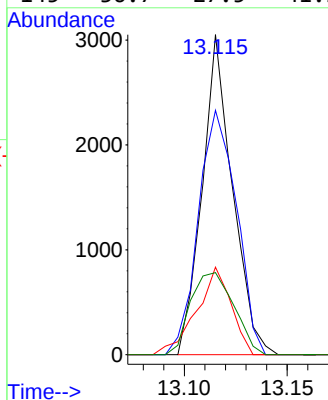
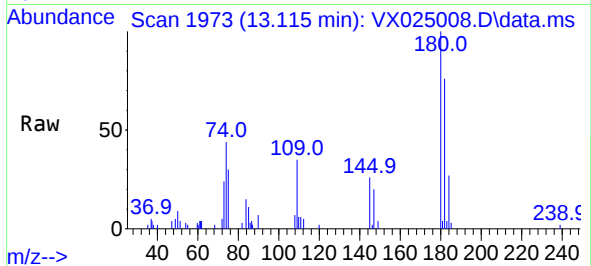
Tgt Ion: 75 Resp: 1184
Ion Ratio Lower Upper
75 100
155 43.4 59.3 88.9#
157 95.7 68.7 103.1





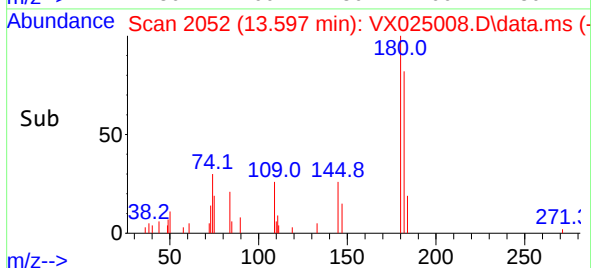
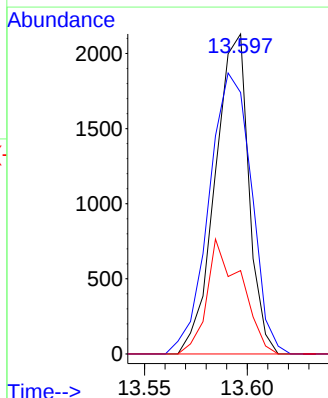
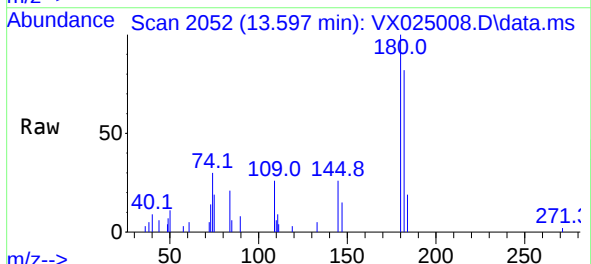
#69
1,3,5-Trichlorobenzene
Concen: 2.384 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:	180	Resp:	3127
Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.2	111.4
184	31.1	23.7	35.5
145	36.7	27.5	41.3



#70
1,2,4-trichlorobenzene
Concen: 2.182 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:	180	Resp:	2426
Ion	Ratio	Lower	Upper
180	100		
182	110.7	76.4	114.6
145	36.4	28.8	43.2

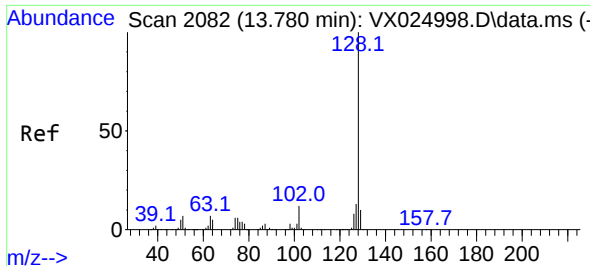


Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda

11/1/2021 12:58:58 PM



#71
Naphthalene
Concen: 1.677 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

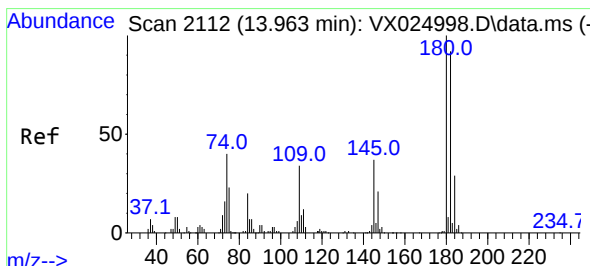
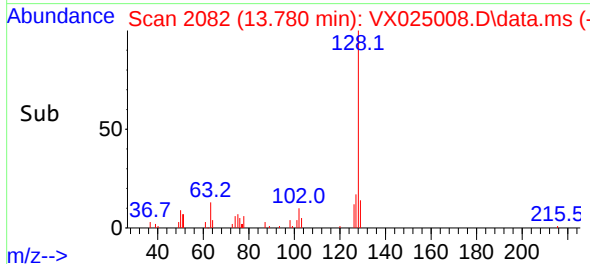
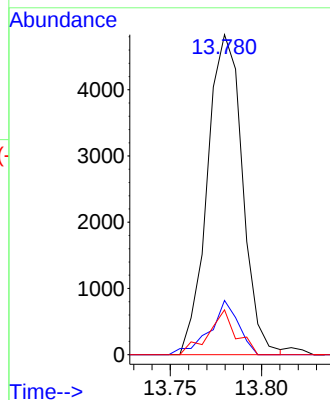
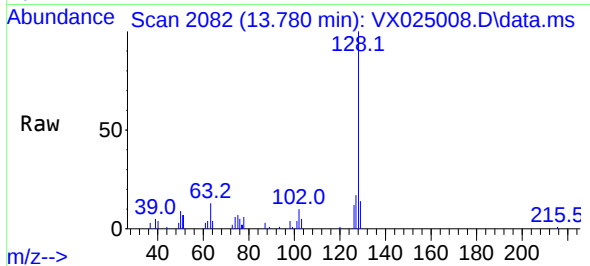
Tgt Ion:	128	Resp:	6451
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	15.8
129	11.1	9.1	13.7

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda

11/1/2021 12:58:58 PM



#72
1,2,3-Trichlorobenzene
Concen: 1.971 ug/L m
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025008.D
Acq: 28 Oct 2021 15:53

Tgt Ion:	180	Resp:	2254
Ion Ratio	Lower	Upper	
180	100		
182	114.3	73.3	109.9#
145	38.2	29.0	43.4

