

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025025.D
 Acq On : 29 Oct 2021 17:53
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 11/2/2021 2:32:57 PM

Quant Time: Oct 30 01:52:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159480	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	34183	33.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.240%
7) Chloroethane-d5	1.666	69	26271	37.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.620%
11) 1,1-Dichloroethene-d2	2.307	63	70685	28.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.440%#
21) 2-Butanone-d5	4.459	46	92105	90.706	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.710%
24) Chloroform-d	5.068	84	113718	42.751	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.500%
26) 1,2-Dichloroethane-d4	5.958	65	85190	43.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
32) Benzene-d6	5.983	84	173090	42.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.820%
36) 1,2-Dichloropropane-d6	7.312	67	60349	43.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	8.653	98	159494	40.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.700%
43) trans-1,3-Dichloroprop...	8.952	79	33806	42.295	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.600%
47) 2-Hexanone-d5	9.385	63	67297	95.034	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.030%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88413	47.009	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	57386	46.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3720	2.485	ug/L	100
3) Chloromethane	1.288	50	2325	2.234	ug/L	88
5) Vinyl chloride	1.374	62	2643	2.257	ug/L #	68
6) Bromomethane	1.612	94	1555	2.064	ug/L	79
8) Chloroethane	1.691	64	1774	2.998	ug/L	93
9) Trichlorofluoromethane	1.892	101	5881	2.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	3597	3.050	ug/L #	86
12) 1,1-Dichloroethene	2.319	96	3249	3.275	ug/L #	1
13) Acetone	2.386	43	4274	4.428	ug/L	100
14) Carbon disulfide	2.514	76	5934	2.207	ug/L #	94
15) Methyl Acetate	2.709	43	3444	2.468	ug/L #	80
16) Methylene chloride	2.800	84	3416	3.041	ug/L #	85
17) trans-1,2-Dichloroethene	3.099	96	2613	2.572	ug/L	91
18) Methyl tert-butyl Ether	3.123	73	10520	2.508	ug/L #	86
19) 1,1-Dichloroethane	3.611	63	5199	2.203	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	2900m	2.527	ug/L	
22) 2-Butanone	4.568	43	5005m	4.213	ug/L	
23) Bromochloromethane	4.910	128	1675m	2.922	ug/L	
25) Chloroform	5.111	83	7198m	2.740	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025025.D
 Acq On : 29 Oct 2021 17:53
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 11/2/2021 2:32:57 PM

Quant Time: Oct 30 01:52:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	6045	2.603	ug/L #	86
29) Cyclohexane	5.477	56	4499m	2.308	ug/L	
30) 1,1,1-Trichloroethane	5.385	97	6069	2.440	ug/L #	91
31) Carbon tetrachloride	5.684	117	5311m	2.521	ug/L	
33) Benzene	6.038	78	11052m	2.483	ug/L	
34) Trichloroethene	7.129	95	3361	2.503	ug/L	85
35) Methylcyclohexane	7.385	83	4665	2.407	ug/L	93
37) 1,2-Dichloropropane	7.434	63	3474	2.743	ug/L #	85
38) Bromodichloromethane	7.830	83	4707	2.433	ug/L #	91
39) cis-1,3-Dichloropropene	8.373	75	4679	2.273	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	9160	4.657	ug/L #	81
42) Toluene	8.720	91	14232	2.921	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	4415m	2.083	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	3200	2.699	ug/L	90
46) Tetrachloroethene	9.281	164	1993	2.377	ug/L #	78
48) 2-Hexanone	9.433	43	7371	4.534	ug/L #	84
49) Dibromochloromethane	9.525	129	3067	2.298	ug/L	92
50) 1,2-Dibromoethane	9.610	107	3031	2.317	ug/L #	86
51) Chlorobenzene	10.080	112	7053	2.421	ug/L #	84
52) Ethylbenzene	10.195	91	13162	2.341	ug/L	86
53) m,p-Xylene	10.305	106	4395	2.273	ug/L	97
54) o-Xylene	10.647	106	4276	2.262	ug/L	79
55) Styrene	10.659	104	6632	2.074	ug/L #	71
57) 1,1,2,2-Tetrachloroethane	11.220	83	5106	2.676	ug/L #	90
59) Bromoform	10.805	173	1838	2.357	ug/L #	79
60) Isopropylbenzene	10.964	105	11947	2.476	ug/L #	93
61) 1,2,3-Trichloropropane	11.244	75	4553	2.952	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	9896	2.368	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	10215	2.438	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	4853	2.584	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	5103	2.627	ug/L #	71
67) 1,2-Dichlorobenzene	12.335	146	5271	2.747	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	12.951	75	1295	2.575	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	3643	2.701	ug/L	94
70) 1,2,4-trichlorobenzene	13.597	180	2909	2.544	ug/L	91
71) Naphthalene	13.780	128	7277	1.840	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	2734	2.325	ug/L	96

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

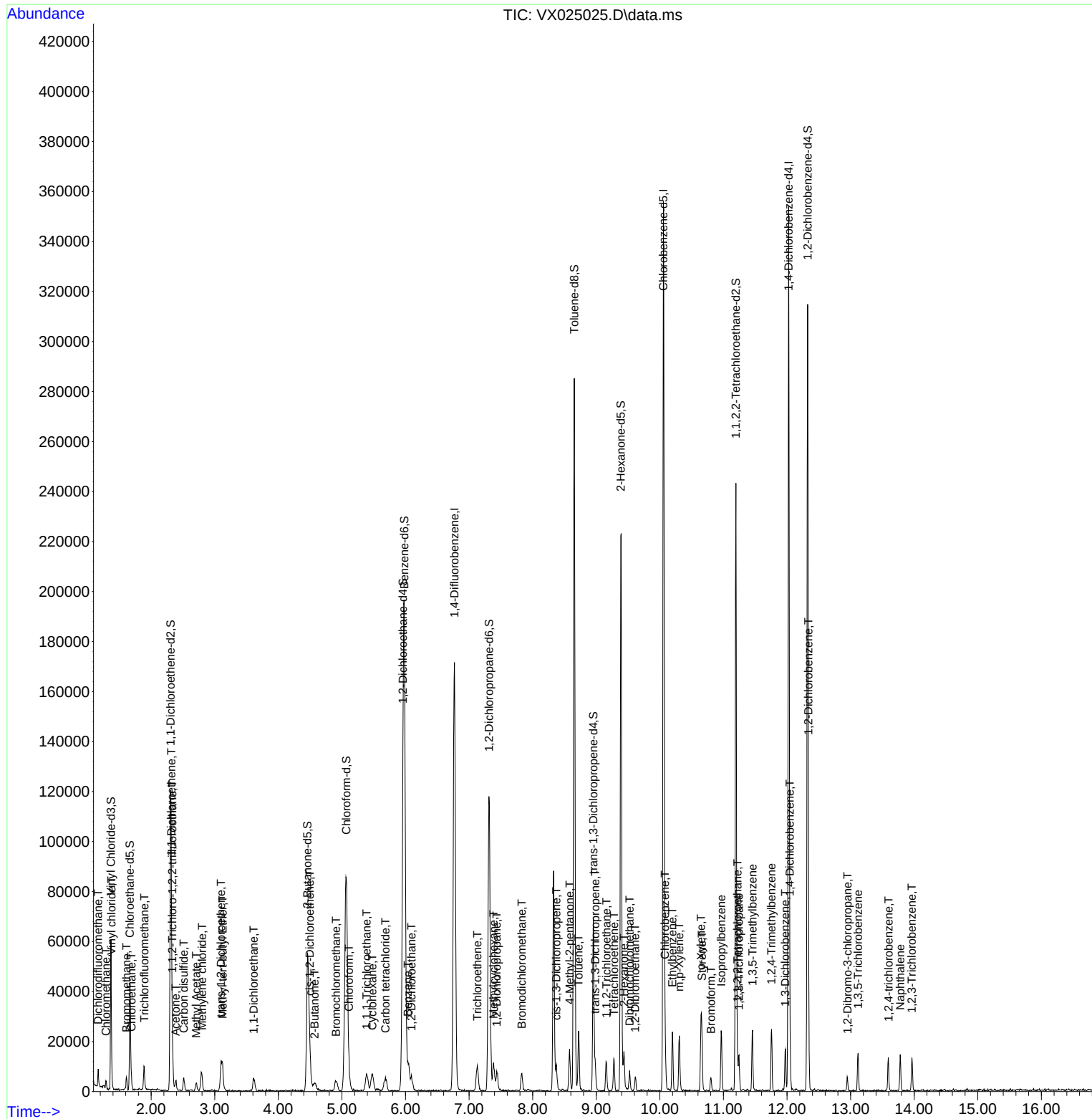
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
Data File : VX025025.D
Acq On : 29 Oct 2021 17:53
Operator : JC/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

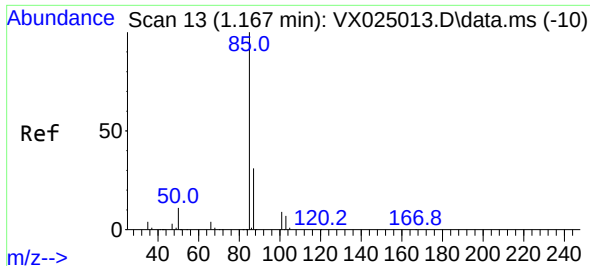
Instrument :
MSVOA_X
ClientSampleId :
MDL04

Manual Integrations
APPROVED

MMDadoda
11/2/2021 2:32:57 PM

Quant Time: Oct 30 01:52:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 30 01:06:24 2021
Response via : Initial Calibration





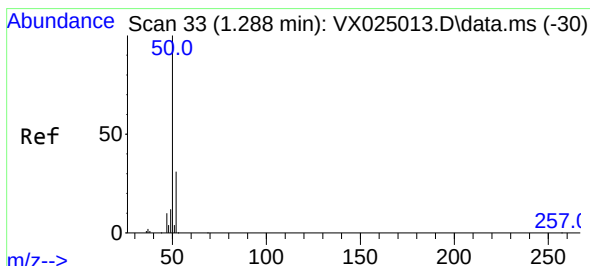
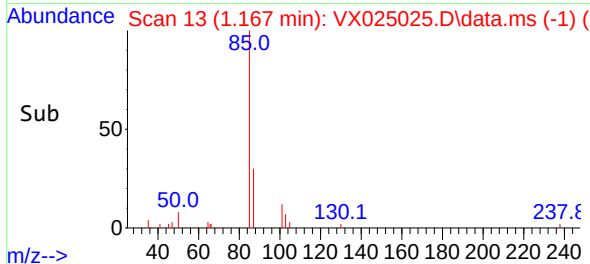
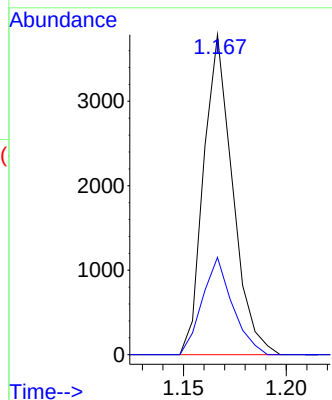
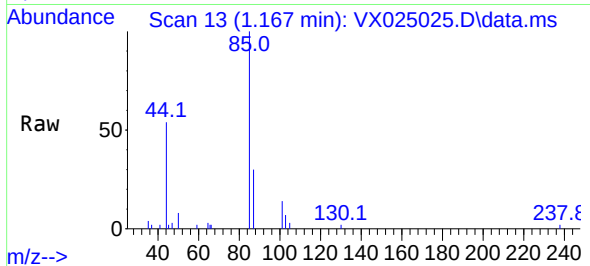
#2
Dichlorodifluoromethane
Concen: 2.485 ug/L
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 85 Resp: 3720
Ion Ratio Lower Upper
85 100
87 31.7 25.3 37.9

Instrument :
MSVOA_X
ClientSampled :
MDL04

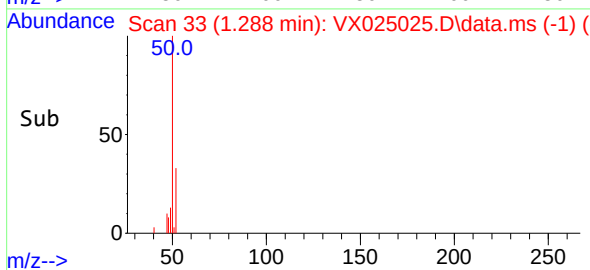
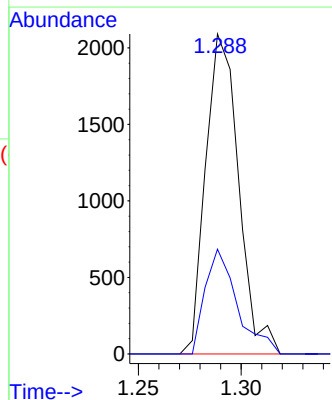
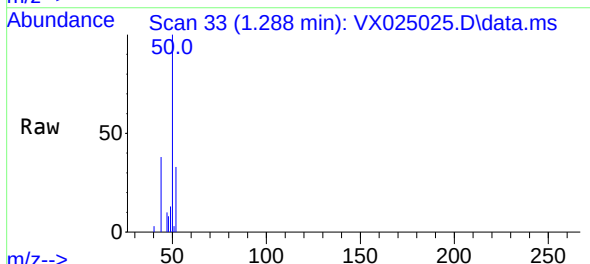
Manual Integrations
APPROVED

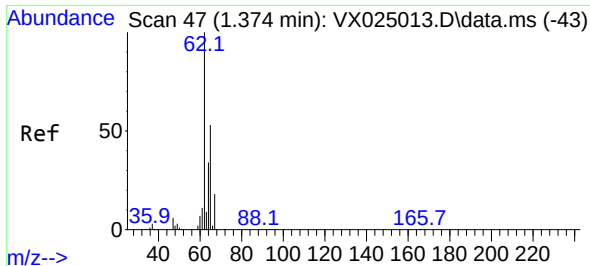
MMDadoda
11/2/2021 2:32:57 PM



#3
Chloromethane
Concen: 2.234 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 50 Resp: 2325
Ion Ratio Lower Upper
50 100
52 32.8 28.0 52.0





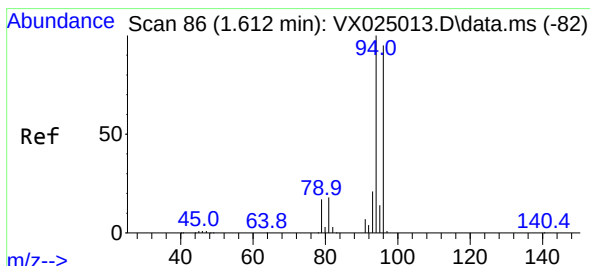
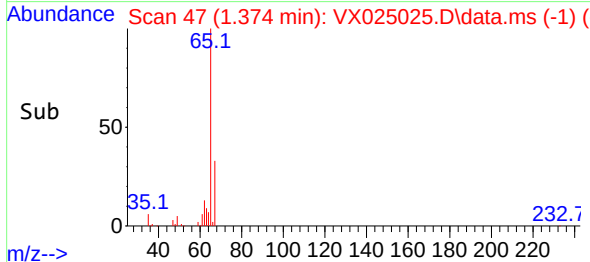
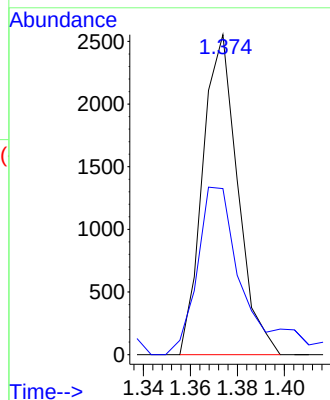
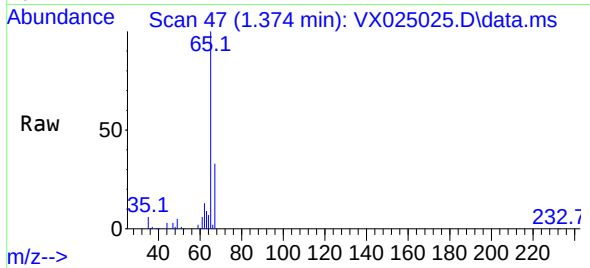
#5
 Vinyl chloride
 Concen: 2.257 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX025025.D
 Acq: 29 Oct 2021 17:53

Tgt Ion: 62 Resp: 2643
 Ion Ratio Lower Upper
 62 100
 64 51.9 23.6 43.8#

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

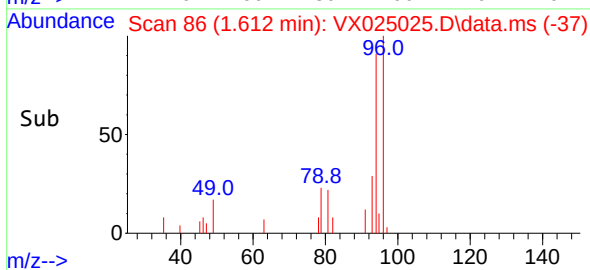
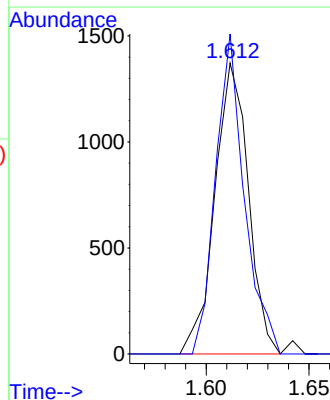
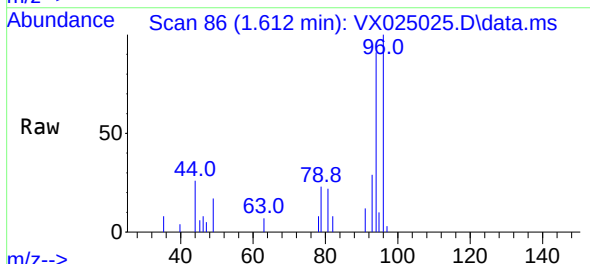
Manual Integrations
 APPROVED

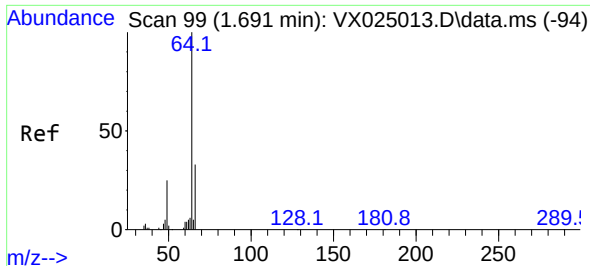
MMDadoda
 11/2/2021 2:32:57 PM



#6
 Bromomethane
 Concen: 2.064 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX025025.D
 Acq: 29 Oct 2021 17:53

Tgt Ion: 94 Resp: 1555
 Ion Ratio Lower Upper
 94 100
 96 110.0 62.9 116.9





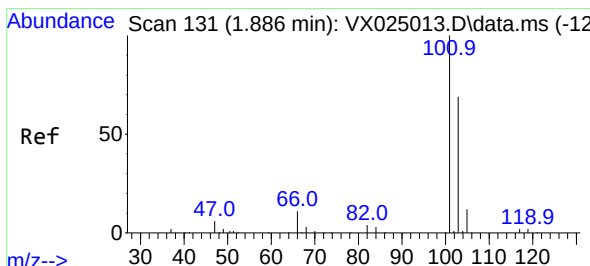
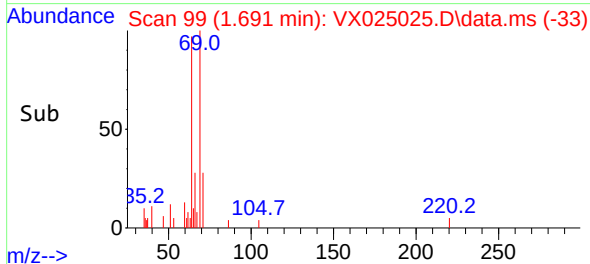
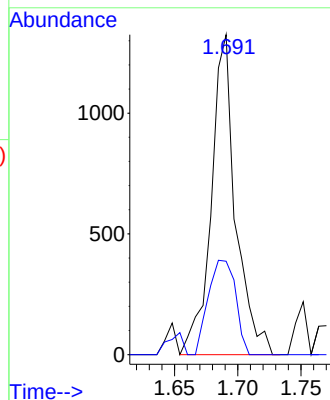
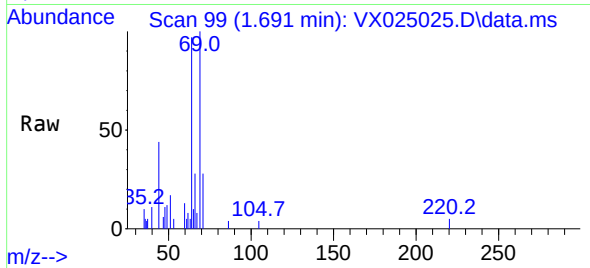
#8
Chloroethane
Concen: 2.998 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Instrument :
MSVOA_X
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 1774
Ion Ratio Lower Upper
64 100
66 29.2 23.3 43.3

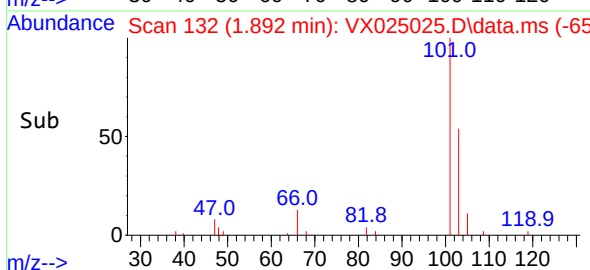
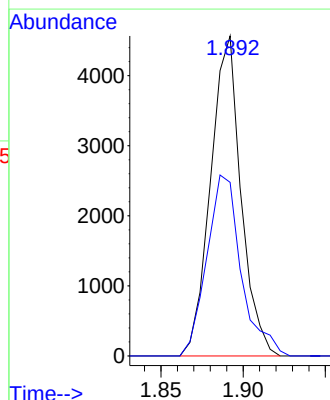
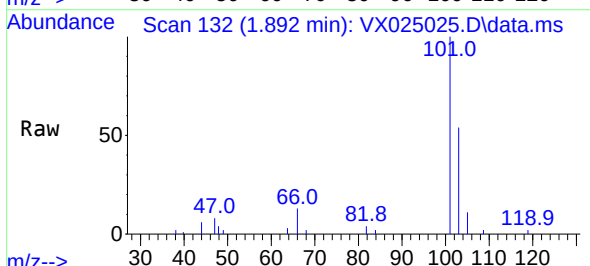
Manual Integrations
APPROVED

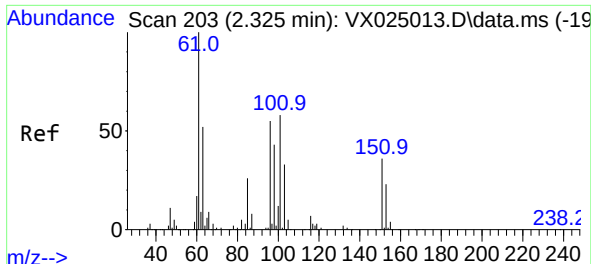
MMDadoda
11/2/2021 2:32:57 PM



#9
Trichlorofluoromethane
Concen: 2.262 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 101 Resp: 5881
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0





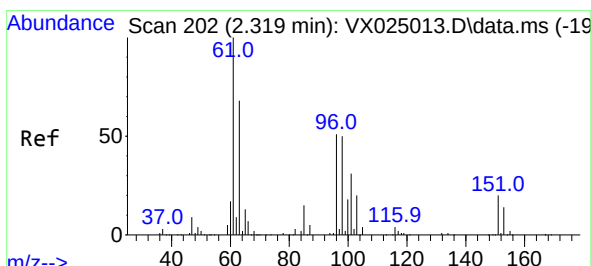
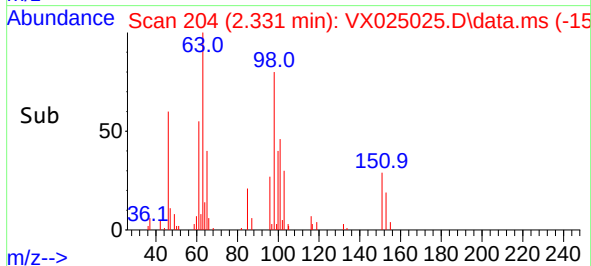
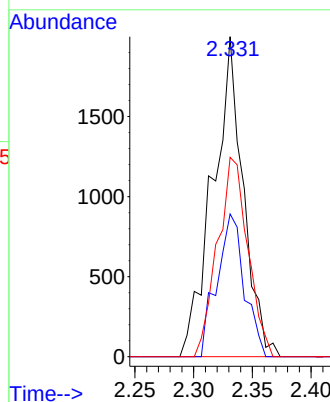
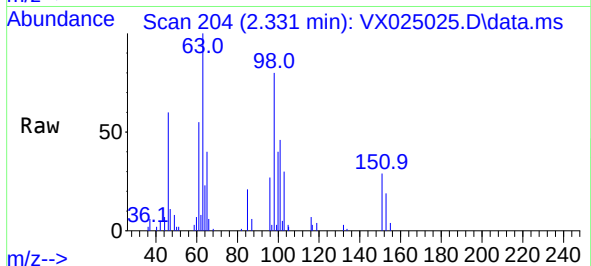
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.050 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 101 Resp: 3597
Ion Ratio Lower Upper
101 100
85 40.2 35.3 52.9
151 62.1 62.3 93.5#

Instrument :
MSVOA_X
ClientSampled :
MDL04

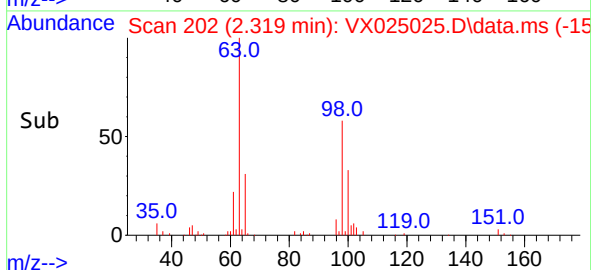
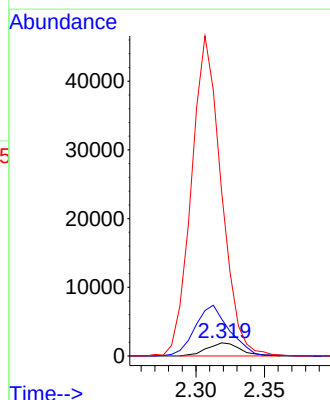
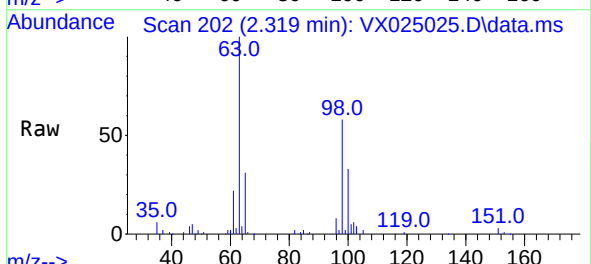
Manual Integrations
APPROVED

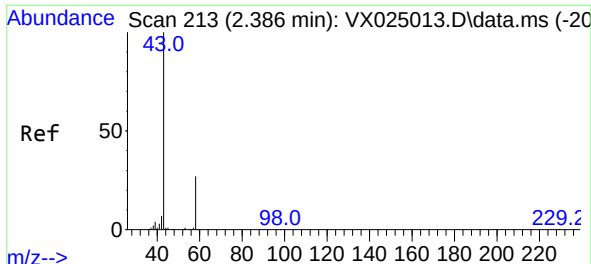
MMDadoda
11/2/2021 2:32:57 PM



#12
1,1-Dichloroethene
Concen: 3.275 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

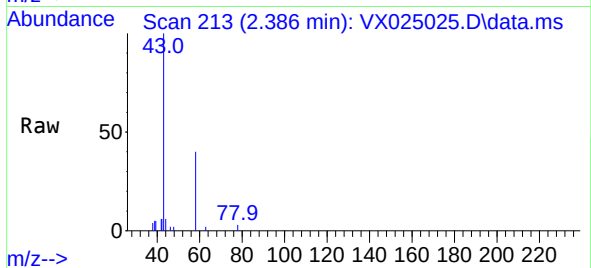
Tgt Ion: 96 Resp: 3249
Ion Ratio Lower Upper
96 100
61 282.9 109.9 204.1#
63 1258.5 92.4 171.6#



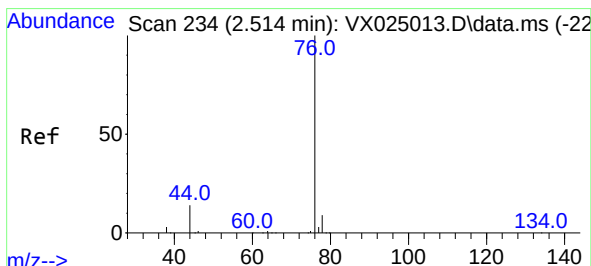
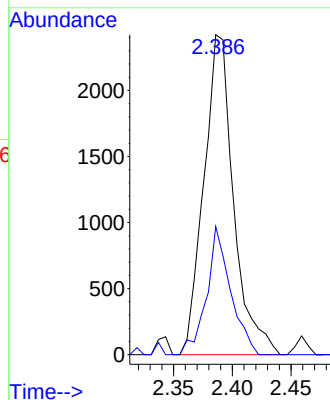
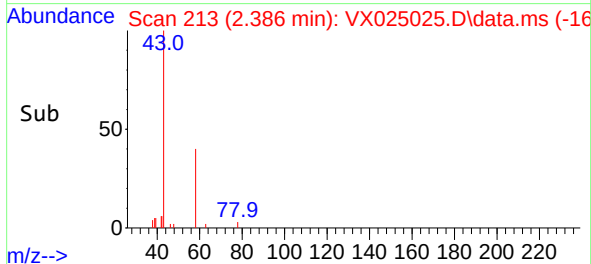


#13
Acetone
Concen: 4.428 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

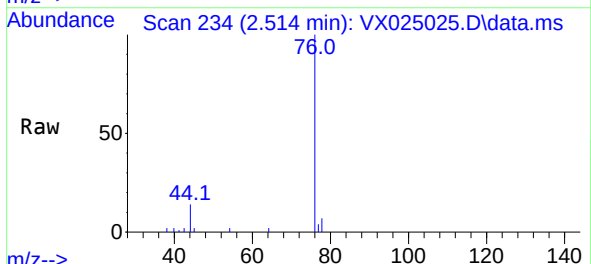
Instrument :
MSVOA_X
ClientSampled :
MDL04



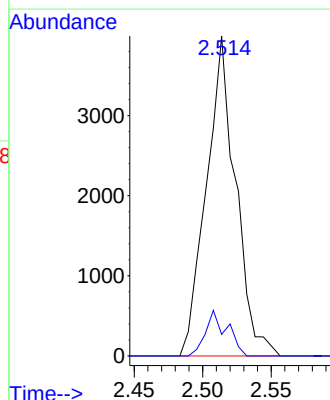
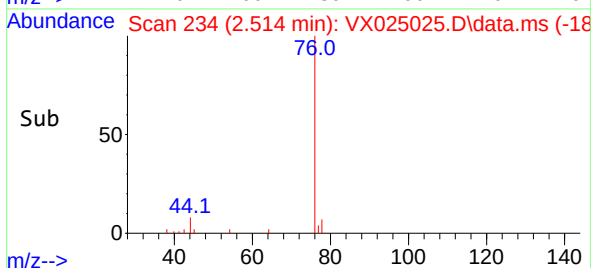
Tgt Ion: 43 Resp: 4274
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.8

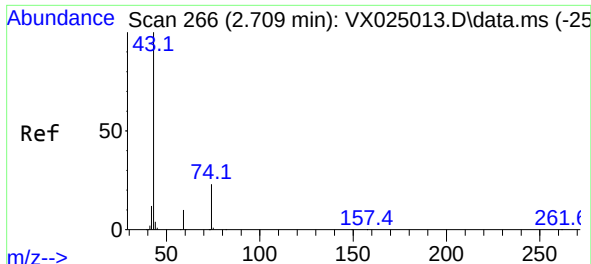


#14
Carbon disulfide
Concen: 2.207 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



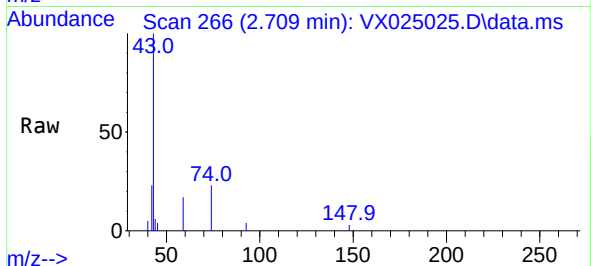
Tgt Ion: 76 Resp: 5934
Ion Ratio Lower Upper
76 100
78 6.7 7.2 10.8#





#15
Methyl Acetate
Concen: 2.468 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

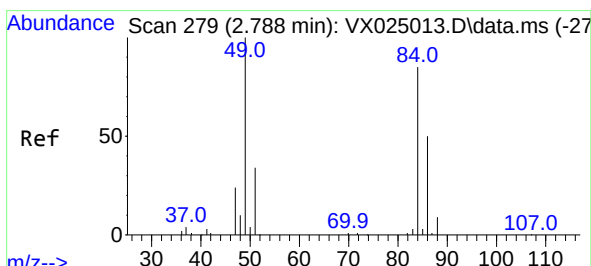
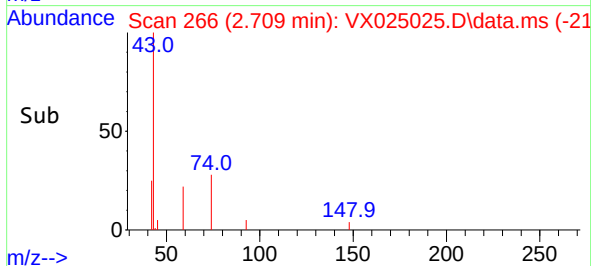
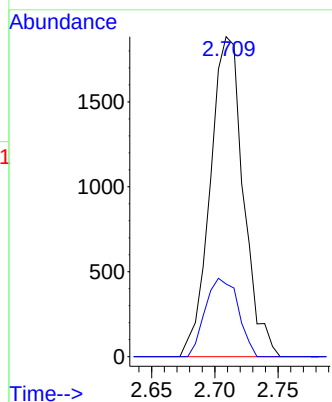
Instrument :
MSVOA_X
ClientSampled :
MDL04



Tgt Ion: 43 Resp: 3444
Ion Ratio Lower Upper
43 100
74 24.2 28.6 42.8#

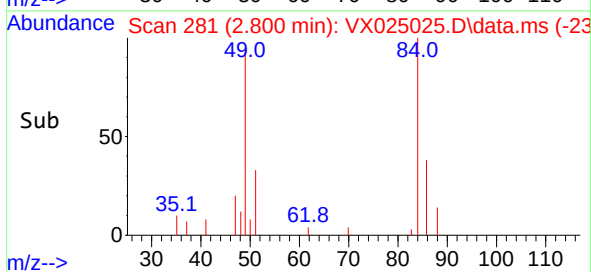
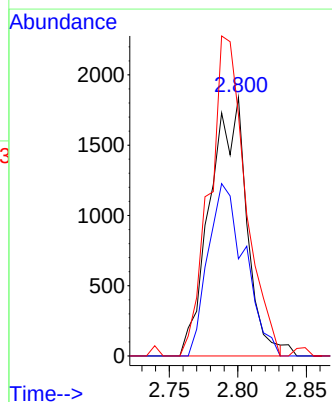
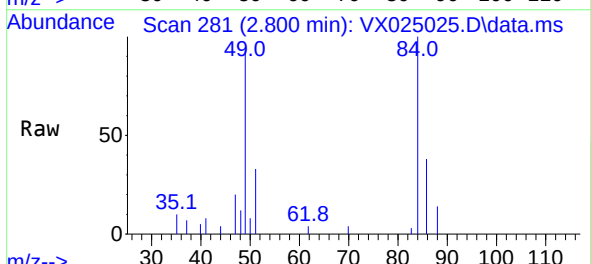
Manual Integrations
APPROVED

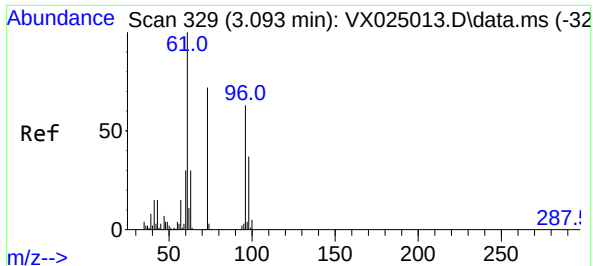
MMDadoda
11/2/2021 2:32:57 PM



#16
Methylene chloride
Concen: 3.041 ug/L
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 84 Resp: 3416
Ion Ratio Lower Upper
84 100
86 37.6 44.4 82.5#
49 93.4 64.0 118.8





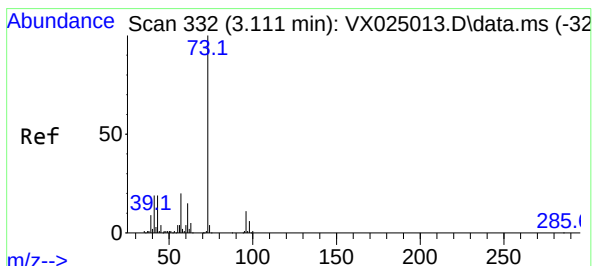
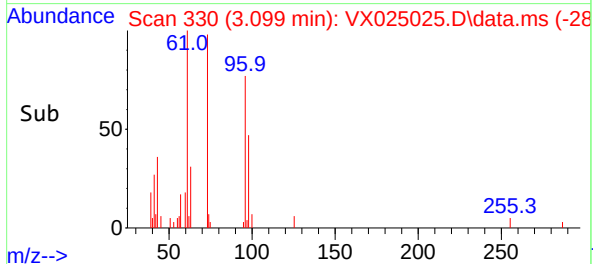
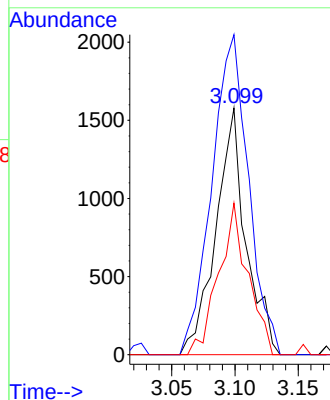
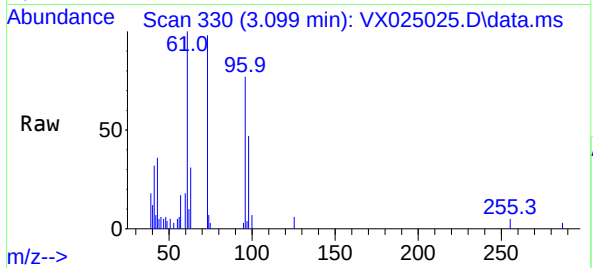
#17
trans-1,2-Dichloroethene
Concen: 2.572 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:	96	Resp:	2613
Ion	Ratio	Lower	Upper
96	100		
61	129.8	99.4	184.6
98	61.5	47.0	87.2

Instrument :
MSVOA_X
ClientSampled :
MDL04

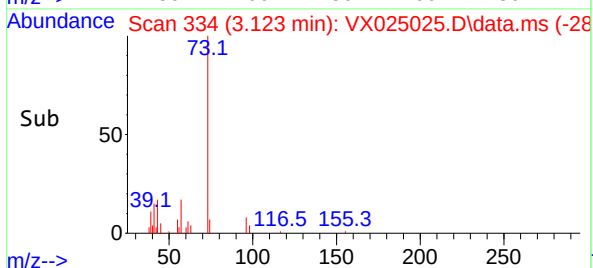
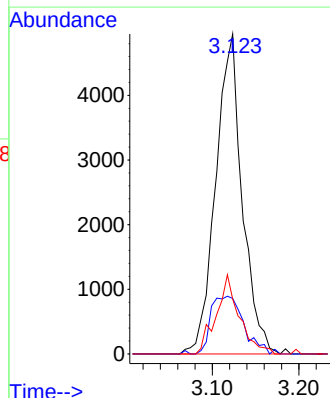
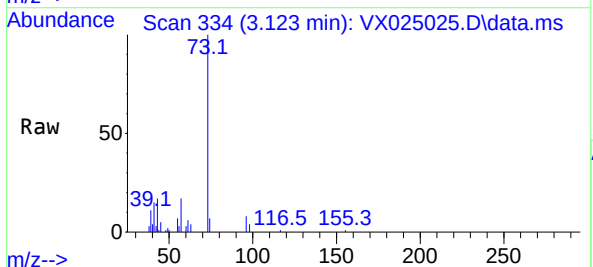
Manual Integrations
APPROVED

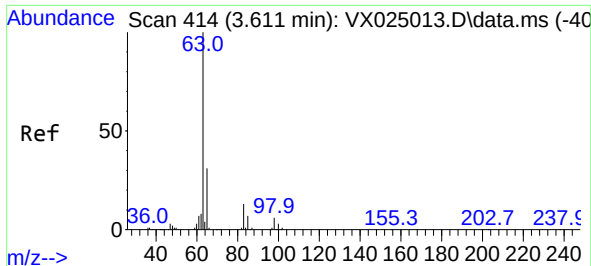
MMDadoda
11/2/2021 2:32:57 PM



#18
Methyl tert-butyl Ether
Concen: 2.508 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:	73	Resp:	10520
Ion	Ratio	Lower	Upper
73	100		
43	22.1	12.4	18.6#
57	21.6	13.2	19.8#





#19

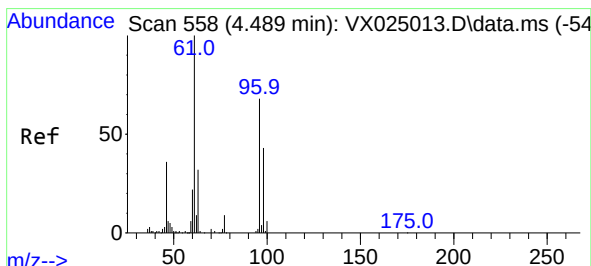
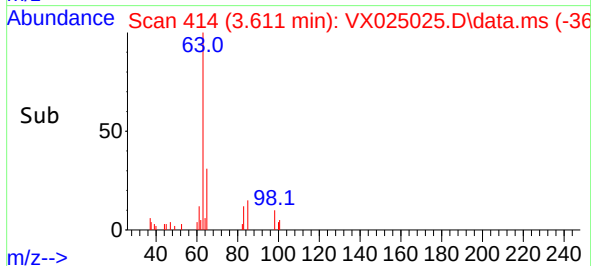
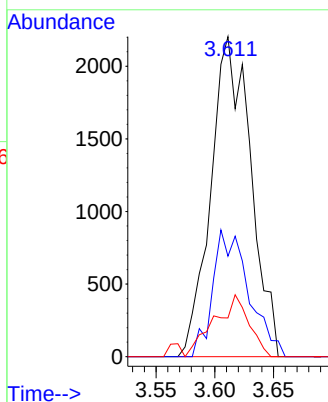
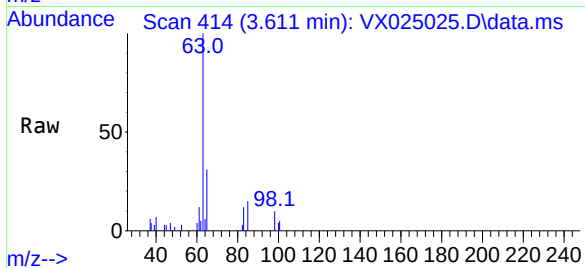
1,1-Dichloroethane
Concen: 2.203 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.5	45.5
83	12.1	11.7	21.7

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

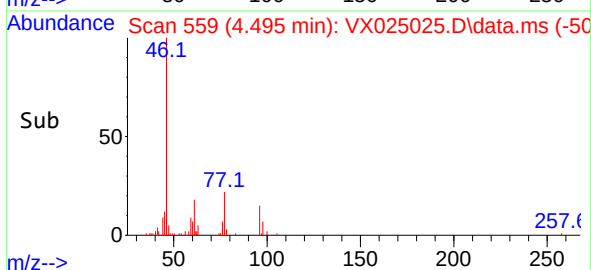
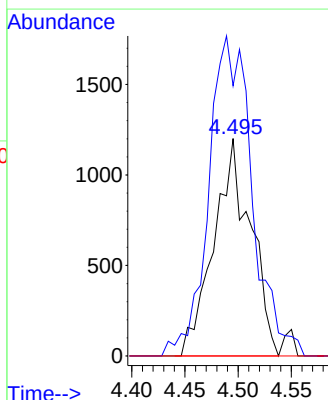
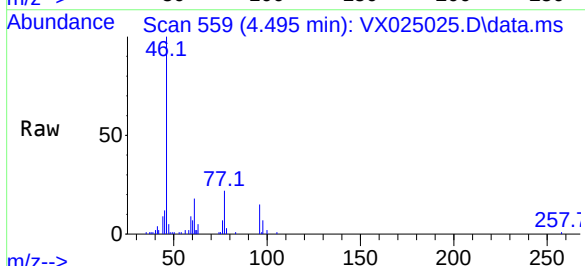
MMDadoda
11/2/2021 2:32:57 PM

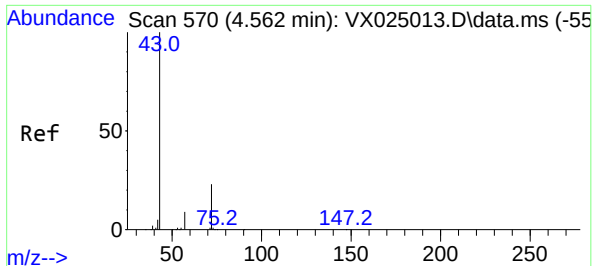


#20

cis-1,2-Dichloroethene
Concen: 2.527 ug/L m
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.3	82.6	153.4
68	0.0	0.0	0.0





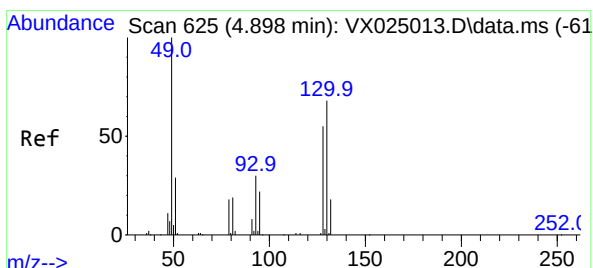
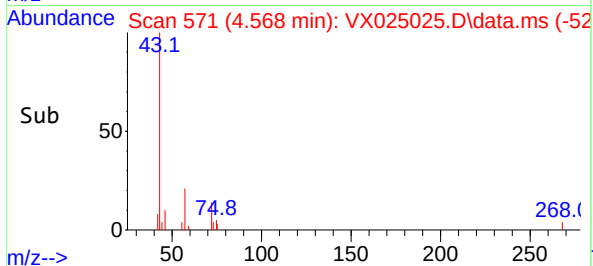
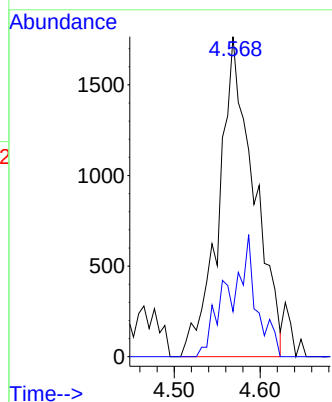
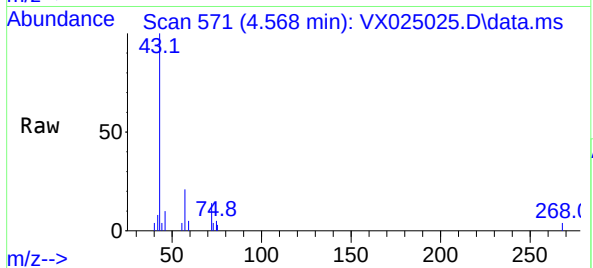
#22
2-Butanone
Concen: 4.213 ug/L m
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
72 15.8 18.4 55.0#

Instrument :
MSVOA_X
ClientSampled :
MDL04

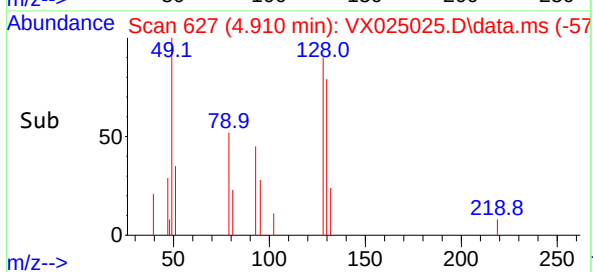
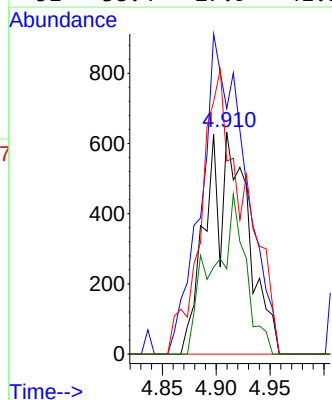
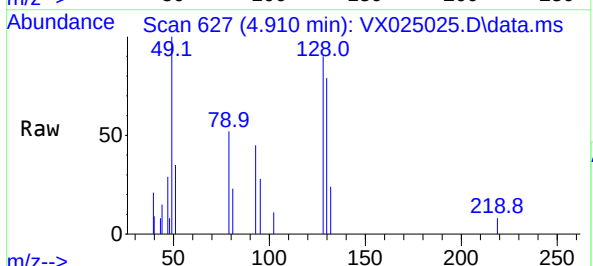
Manual Integrations
APPROVED

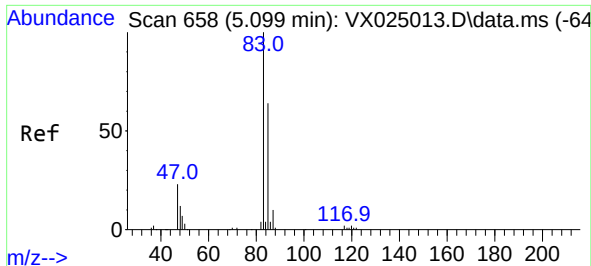
MMDadoda
11/2/2021 2:32:57 PM



#23
Bromochloromethane
Concen: 2.922 ug/L m
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 128 Resp: 1675
Ion Ratio Lower Upper
128 100
49 110.8 71.5 132.7
130 87.0 84.3 156.5
51 38.4 27.9 41.9





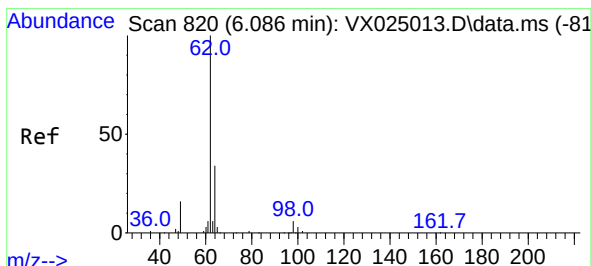
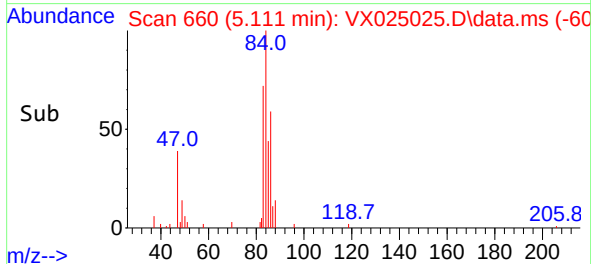
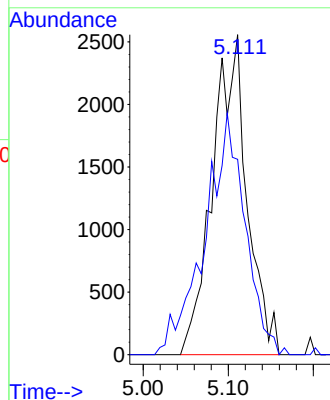
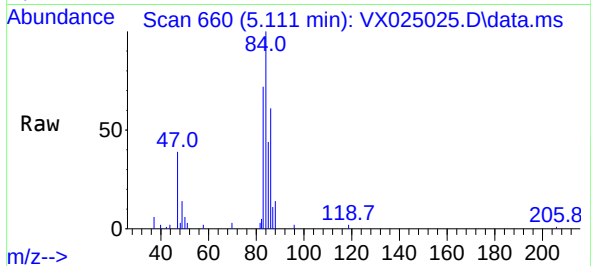
#25
Chloroform
Concen: 2.740 ug/L m
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 83 Resp: 7198
Ion Ratio Lower Upper
83 100
85 61.1 46.3 86.1

Instrument :
MSVOA_X
ClientSampleId :
MDL04

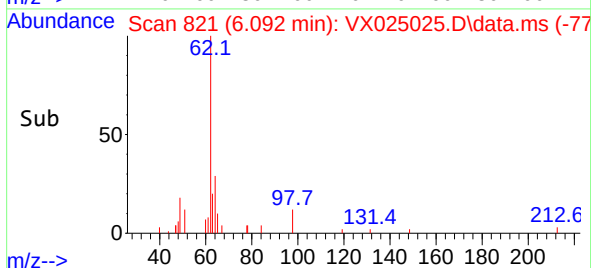
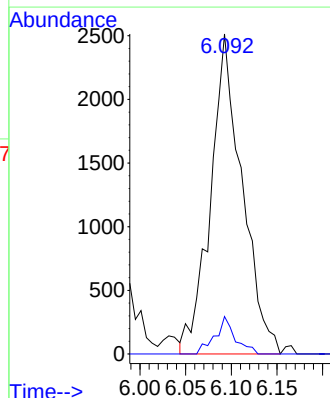
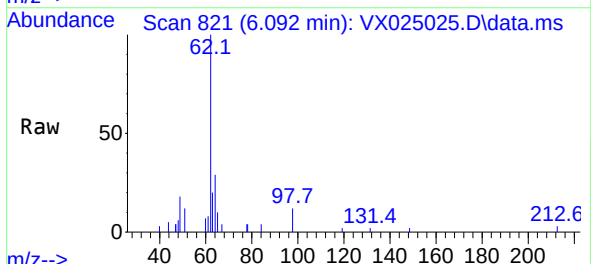
Manual Integrations
APPROVED

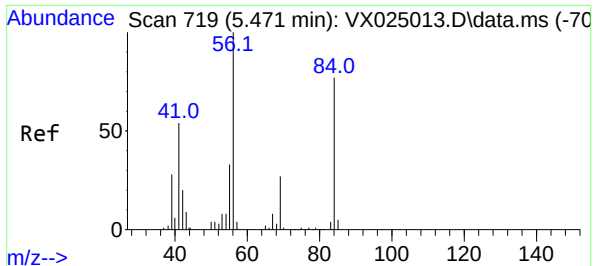
MMDadoda
11/2/2021 2:32:57 PM



#27
1,2-Dichloroethane
Concen: 2.603 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

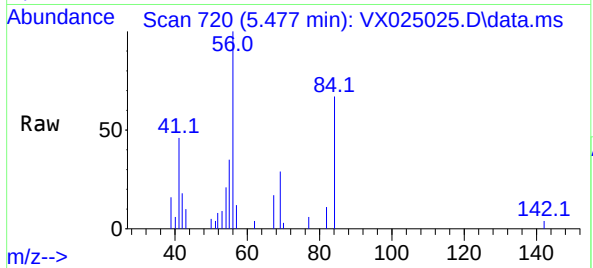
Tgt Ion: 62 Resp: 6045
Ion Ratio Lower Upper
62 100
98 11.7 5.5 8.3#





#29
Cyclohexane
Concen: 2.308 ug/L m
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

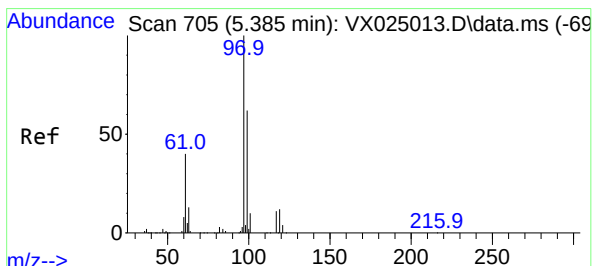
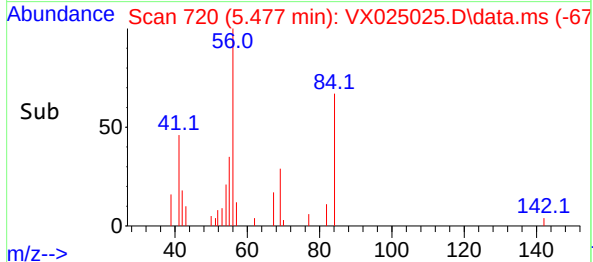
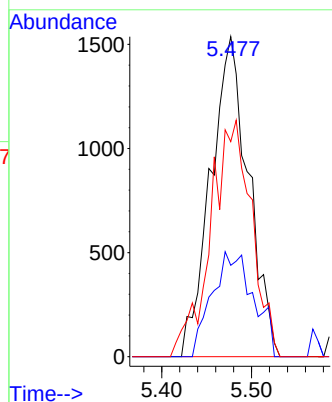
Instrument :
MSVOA_X
ClientSampled :
MDL04



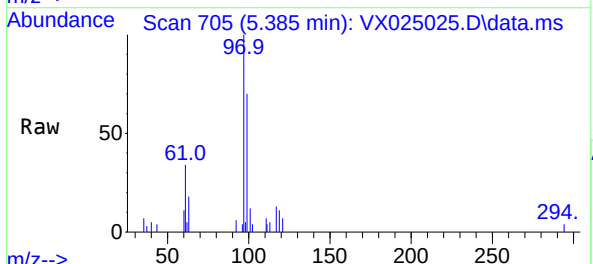
Tgt Ion: 56 Resp: 4499
Ion Ratio Lower Upper
56 100
69 14.2 30.8 46.2#
84 74.0 86.8 130.2#

Manual Integrations
APPROVED

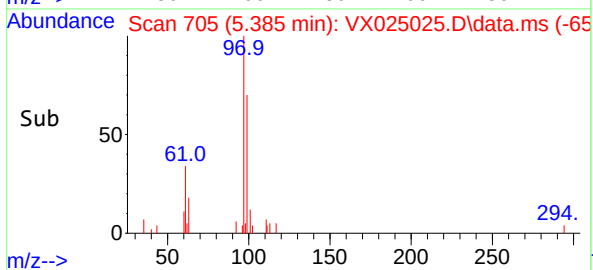
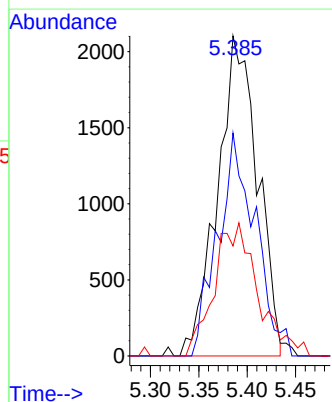
MMDadoda
11/2/2021 2:32:57 PM

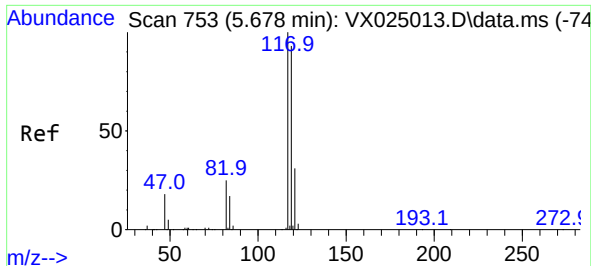


#30
1,1,1-Trichloroethane
Concen: 2.440 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



Tgt Ion: 97 Resp: 6069
Ion Ratio Lower Upper
97 100
99 64.0 53.1 79.7
61 21.8 26.3 39.5#





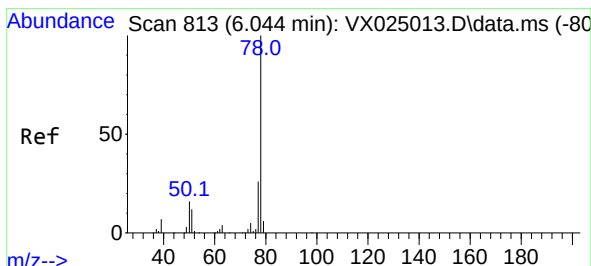
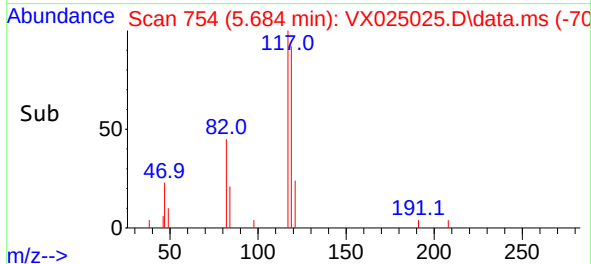
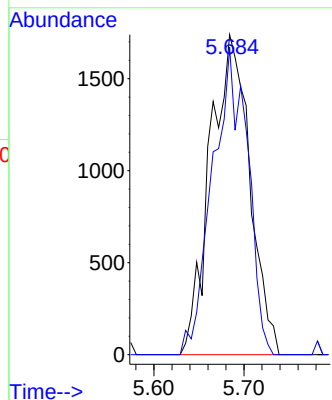
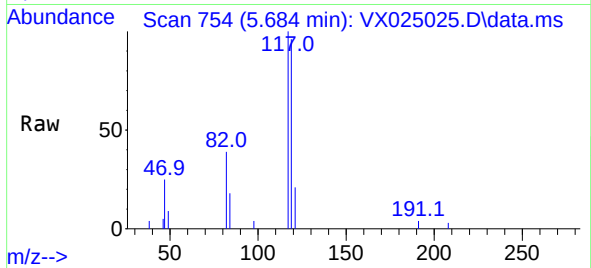
#31
Carbon tetrachloride
Concen: 2.521 ug/L m
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:117 Resp: 5311
Ion Ratio Lower Upper
117 100
119 56.1 76.0 114.0#

Instrument :
MSVOA_X
ClientSampled :
MDL04

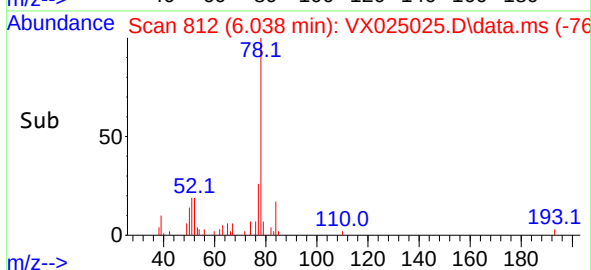
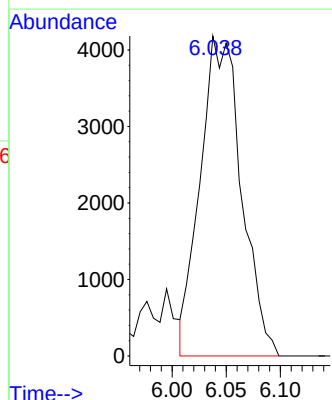
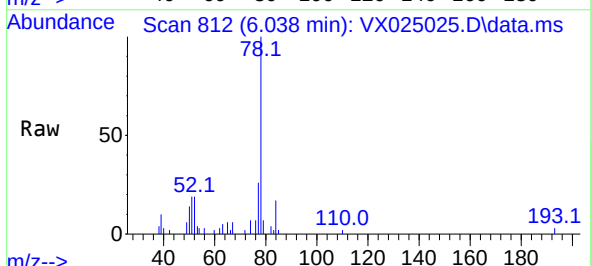
Manual Integrations
APPROVED

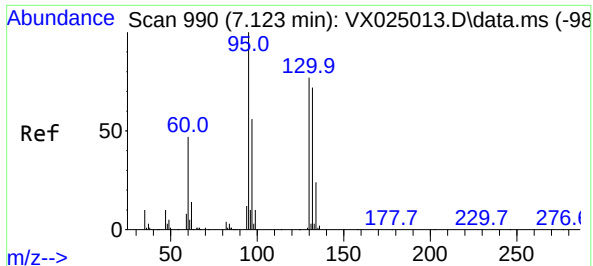
MMDadoda
11/2/2021 2:32:57 PM



#33
Benzene
Concen: 2.483 ug/L m
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

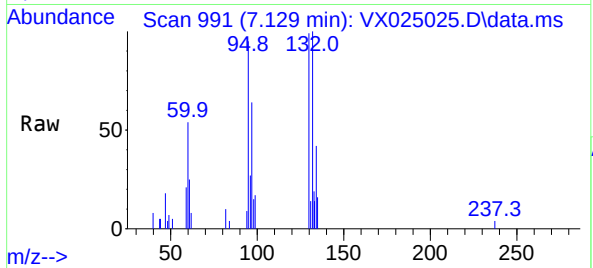
Tgt Ion: 78 Resp: 11052





#34
Trichloroethene
Concen: 2.503 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Instrument :
MSVOA_X
ClientSampled :
MDL04

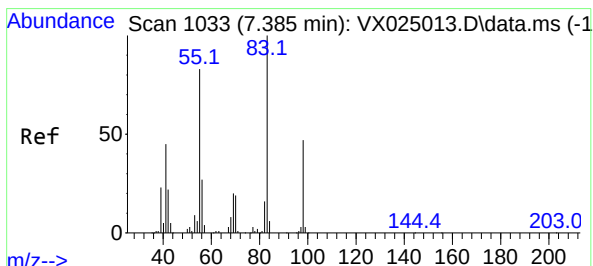
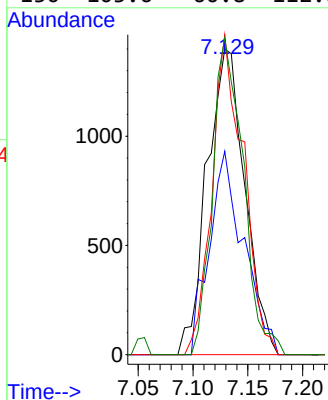
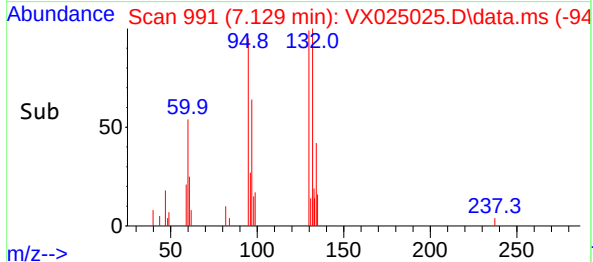


Tgt Ion: 95 Resp: 3361

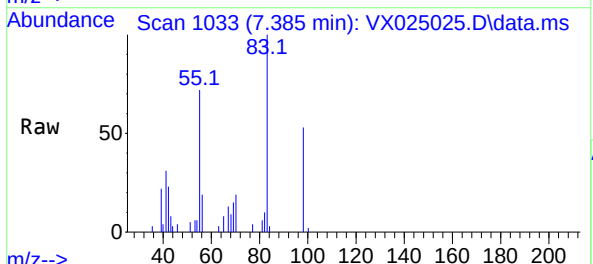
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.2	82.2
132	104.7	60.1	111.5
130	103.6	60.8	112.8

Manual Integrations
APPROVED

MMDadoda
11/2/2021 2:32:57 PM

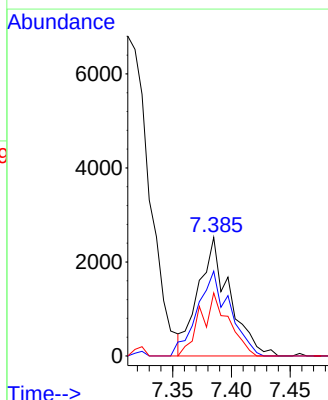
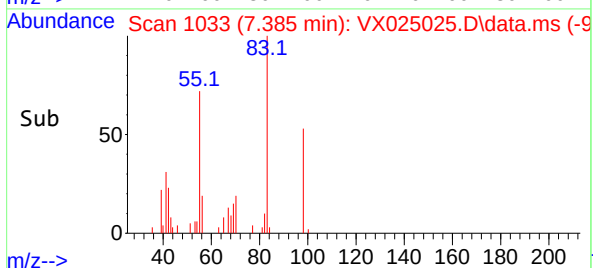


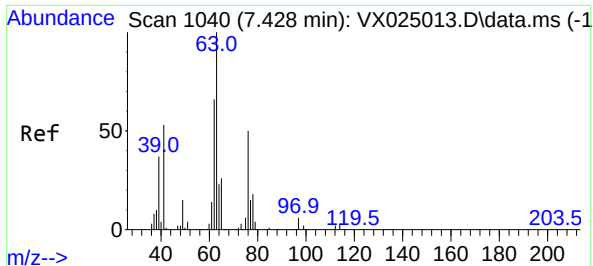
#35
Methylcyclohexane
Concen: 2.407 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



Tgt Ion: 83 Resp: 4665

Ion	Ratio	Lower	Upper
83	100		
55	74.2	52.6	79.0
98	48.6	37.9	56.9





#37

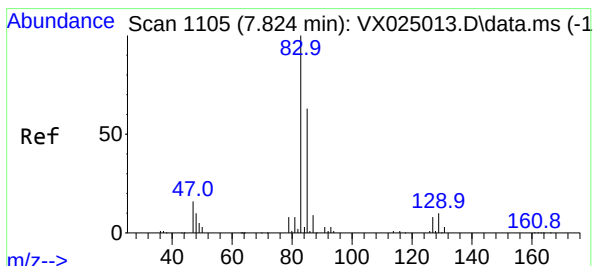
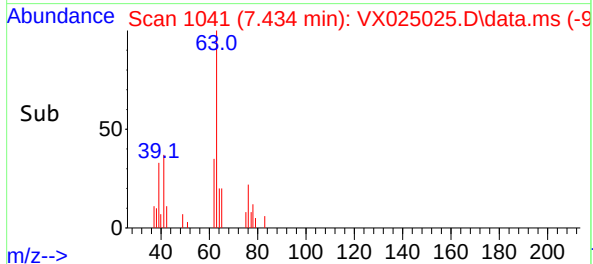
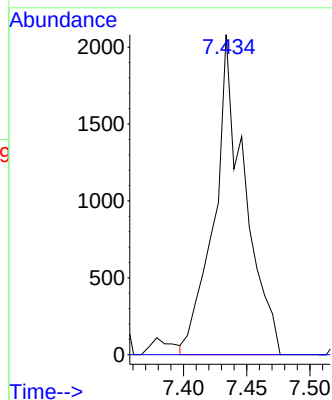
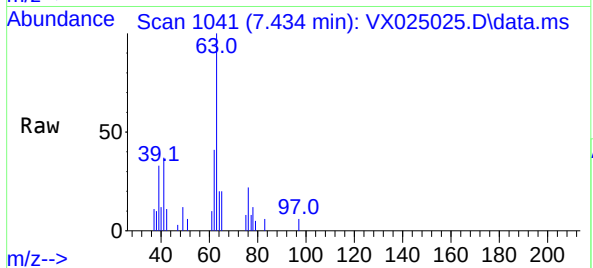
1,2-Dichloropropane
Concen: 2.743 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 63 Resp: 3474
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

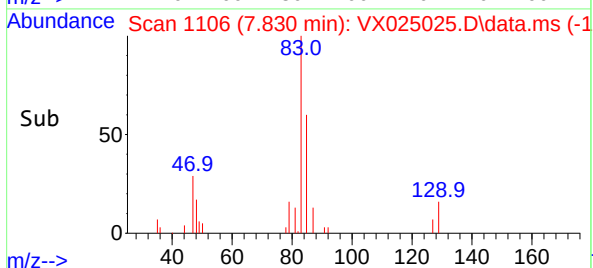
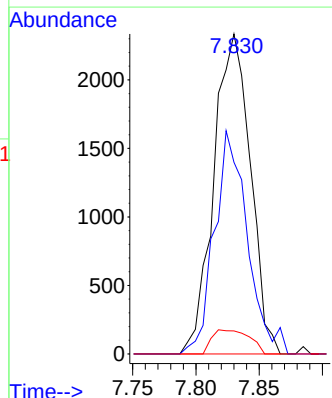
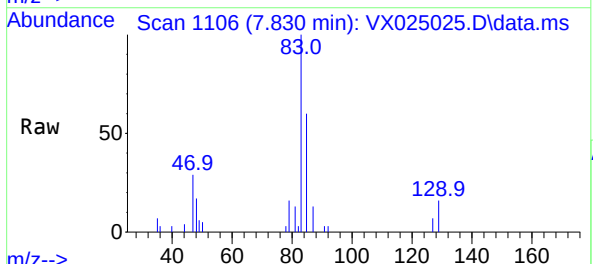
MMDadoda
11/2/2021 2:32:57 PM

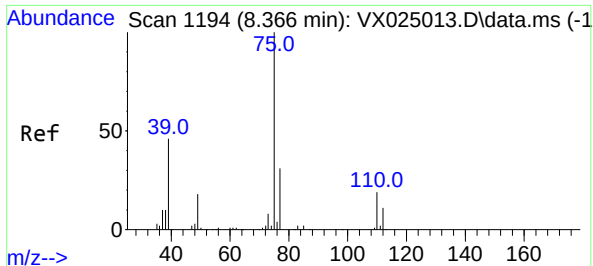


#38

Bromodichloromethane
Concen: 2.433 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 83 Resp: 4707
Ion Ratio Lower Upper
83 100
85 59.9 46.8 87.0
127 7.2 8.2 12.2#





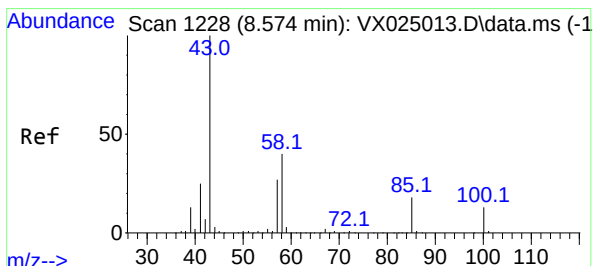
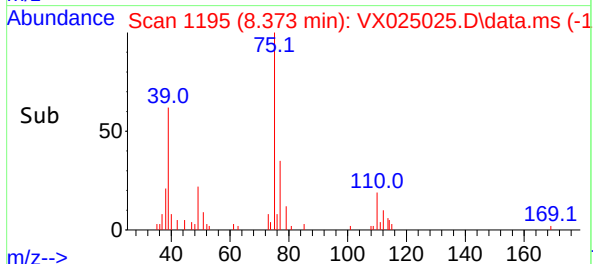
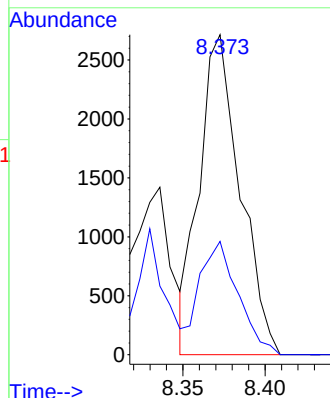
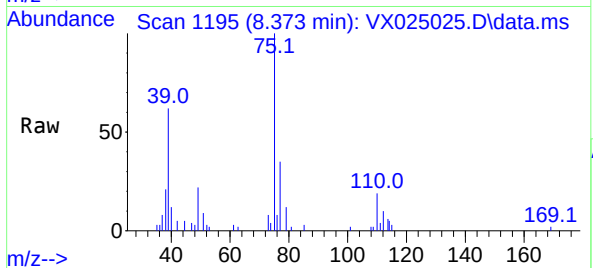
#39
cis-1,3-Dichloropropene
Concen: 2.273 ug/L
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 75 Resp: 4679
Ion Ratio Lower Upper
75 100
77 35.4 23.1 42.9

Instrument :
MSVOA_X
ClientSampled :
MDL04

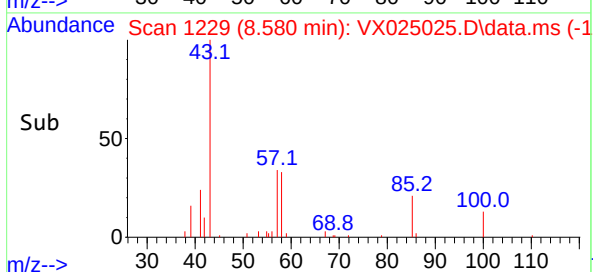
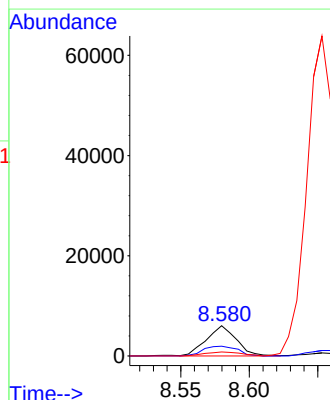
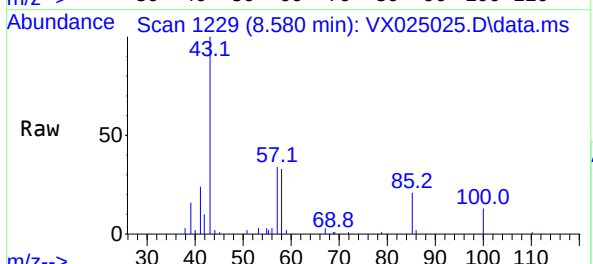
Manual Integrations
APPROVED

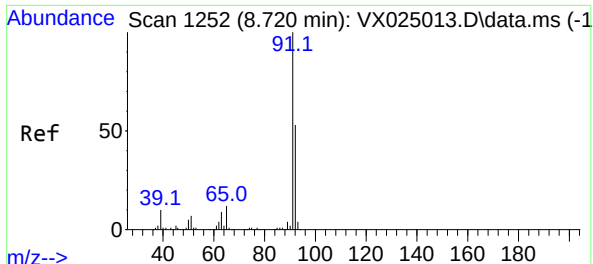
MMDadoda
11/2/2021 2:32:57 PM



#40
4-Methyl-2-pentanone
Concen: 4.657 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 43 Resp: 9160
Ion Ratio Lower Upper
43 100
58 37.6 41.3 61.9#
100 16.3 19.6 29.4#





#42

Toluene

Concen: 2.921 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025025.D

Acq: 29 Oct 2021 17:53

Tgt Ion: 91 Resp: 14232

Ion Ratio Lower Upper

91 100

92 56.8 39.3 72.9

Instrument :

MSVOA_X

ClientSampled :

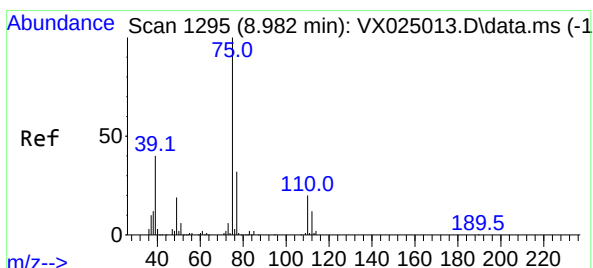
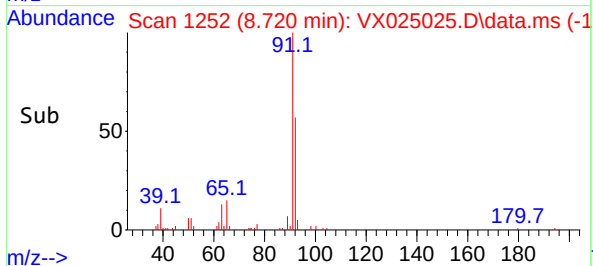
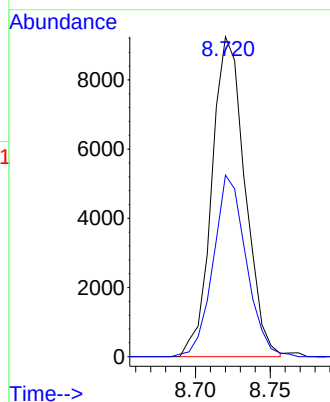
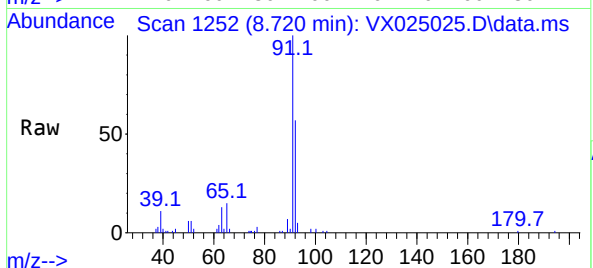
MDL04

Manual Integrations

APPROVED

MMDadoda

11/2/2021 2:32:57 PM



#44

trans-1,3-Dichloropropene

Concen: 2.083 ug/L m

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX025025.D

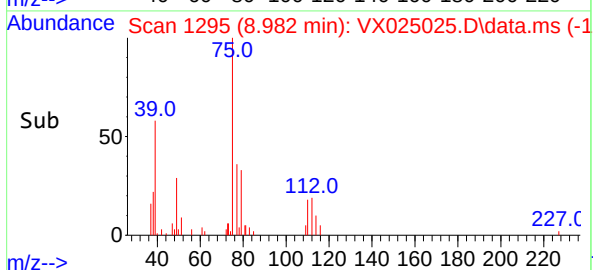
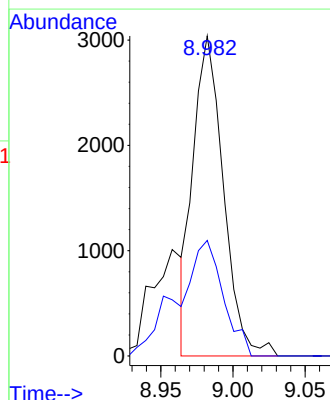
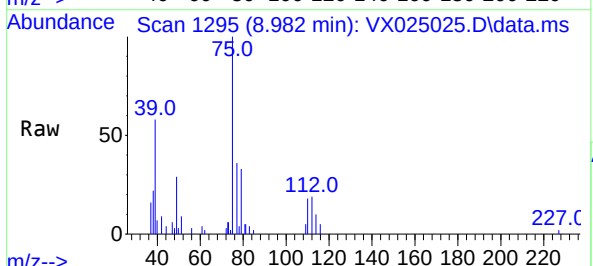
Acq: 29 Oct 2021 17:53

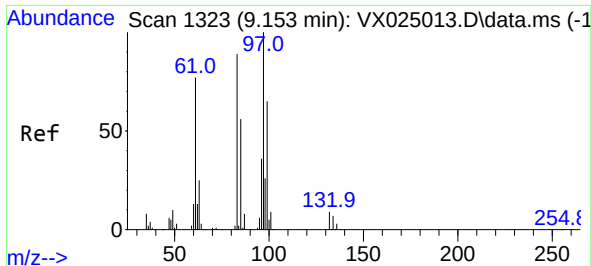
Tgt Ion: 75 Resp: 4415

Ion Ratio Lower Upper

75 100

77 36.1 23.4 43.6

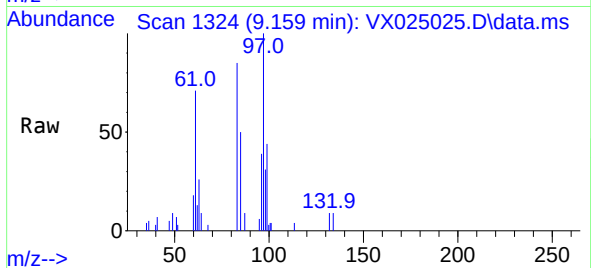




#45

1,1,2-Trichloroethane
Concen: 2.699 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

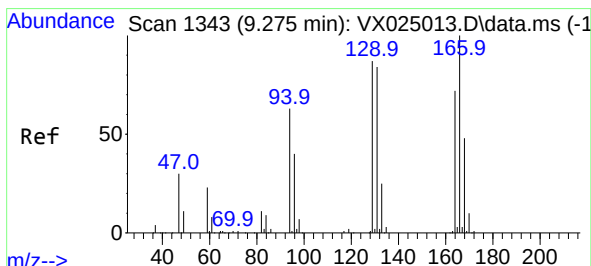
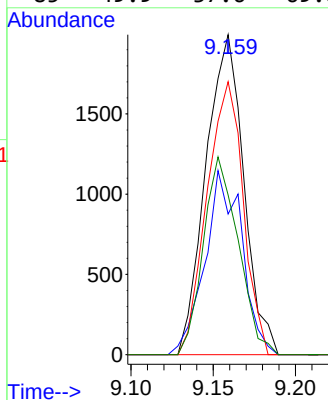
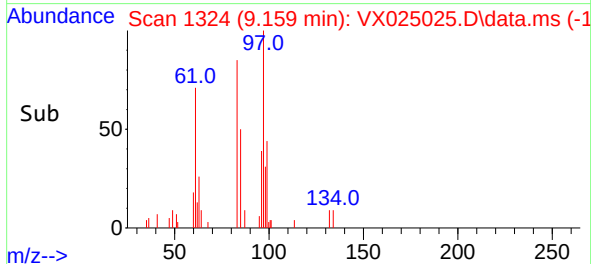
Instrument :
MSVOA_X
ClientSampled :
MDL04



Tgt Ion: 97	Resp: 3200
Ion Ratio	Lower Upper
97 100	
99 43.9	43.5 80.7
83 85.3	58.2 108.0
85 49.9	37.6 69.8

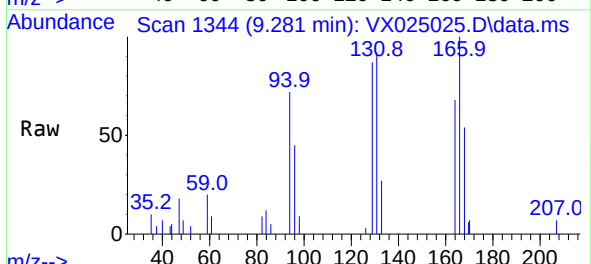
Manual Integrations
APPROVED

MMDadoda
11/2/2021 2:32:57 PM

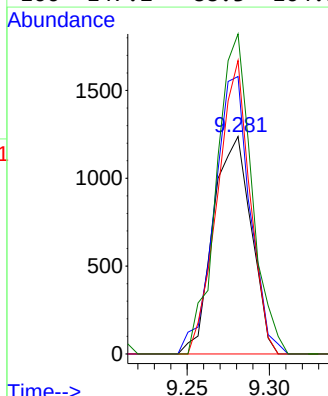
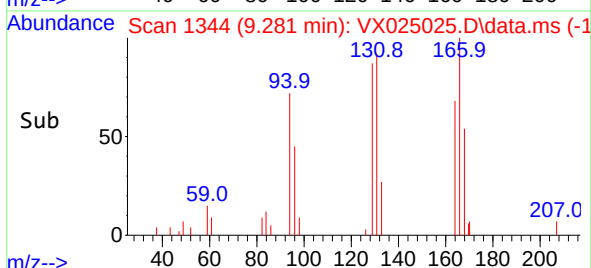


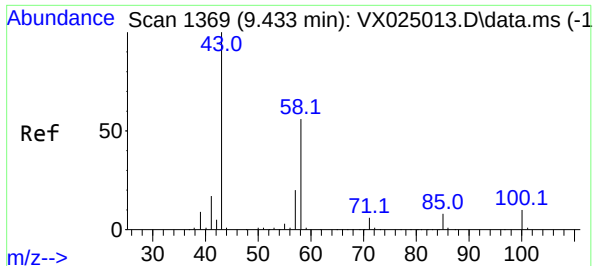
#46

Tetrachloroethene
Concen: 2.377 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



Tgt	Ion:164	Resp:	1993
Ion	Ratio	Lower	Upper
164	100		
129	127.6	78.5	145.7
131	135.0	70.5	130.9#
166	147.2	88.3	164.1





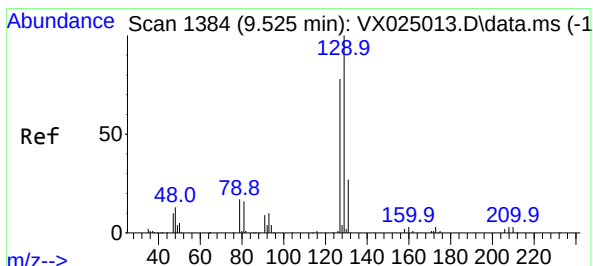
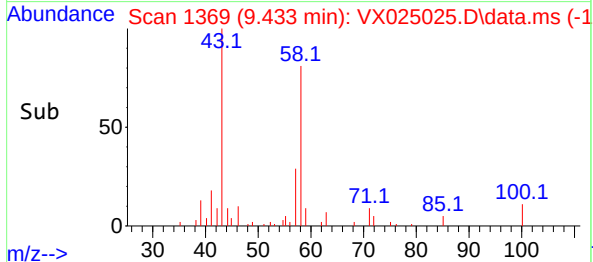
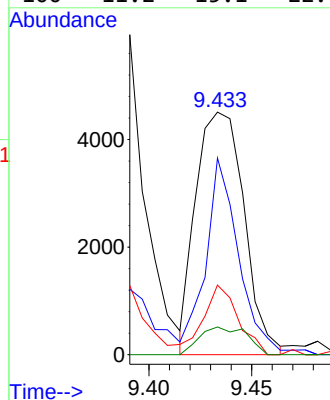
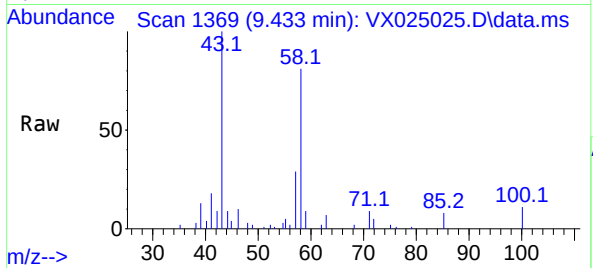
#48
2-Hexanone
Concen: 4.534 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:	43	Resp:	7371
Ion	Ratio	Lower	Upper
43	100		
58	55.0	56.0	84.0#
57	21.5	20.4	30.6
100	11.2	15.1	22.7#

Instrument :
MSVOA_X
ClientSampled :
MDL04

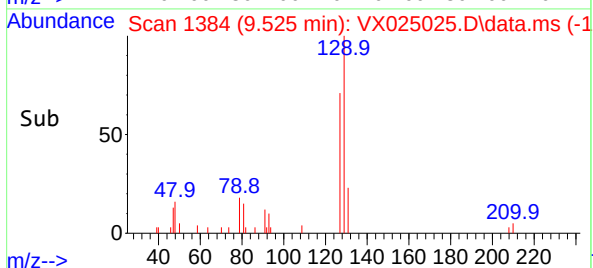
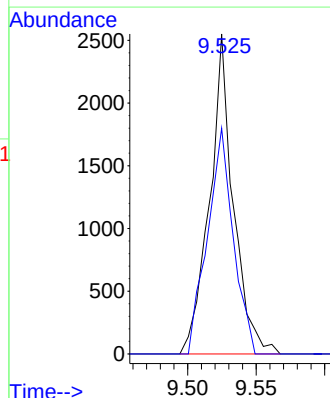
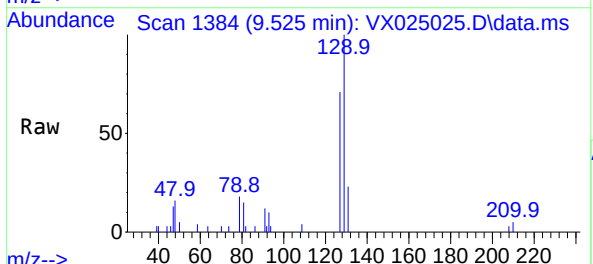
Manual Integrations
APPROVED

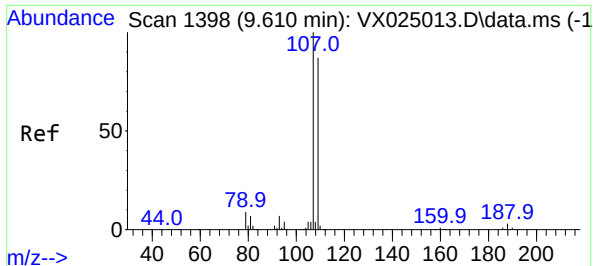
MMDadoda
11/2/2021 2:32:57 PM



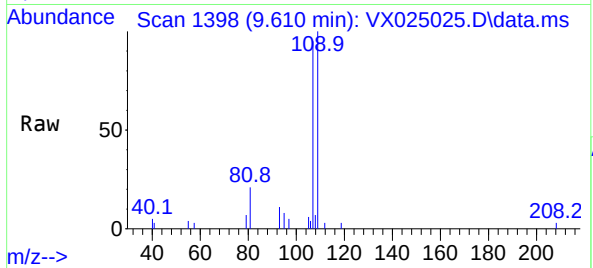
#49
Dibromochloromethane
Concen: 2.298 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:	129	Resp:	3067
Ion	Ratio	Lower	Upper
129	100		
127	70.6	54.1	100.5

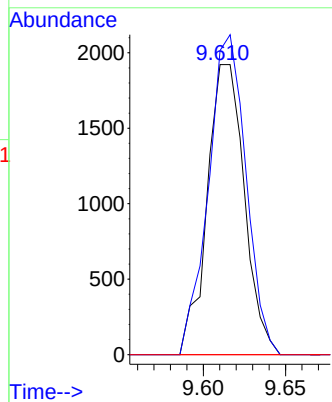
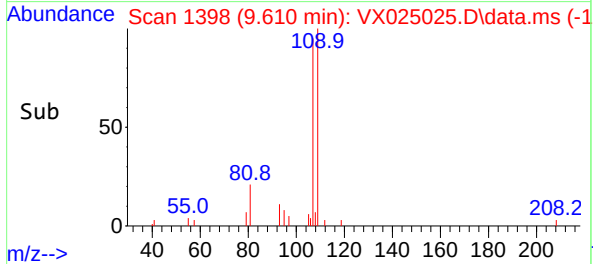




#50
1,2-Dibromoethane
Concen: 2.317 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



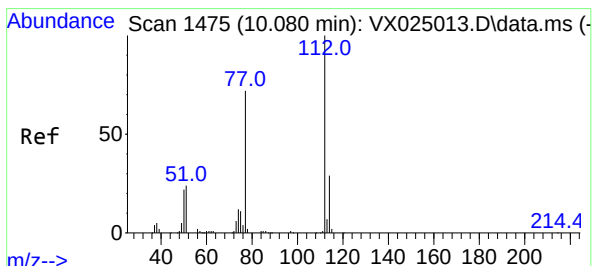
Tgt Ion:107 Resp: 3031
Ion Ratio Lower Upper
107 100
109 104.8 63.8 118.6
188 0.0 2.2 3.2#



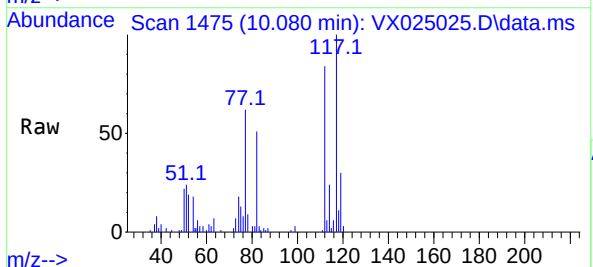
Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

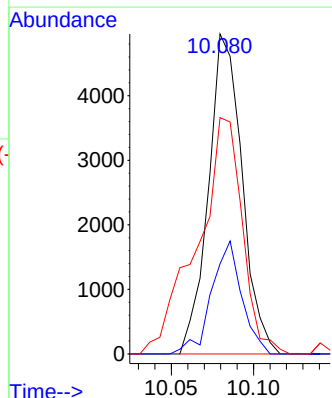
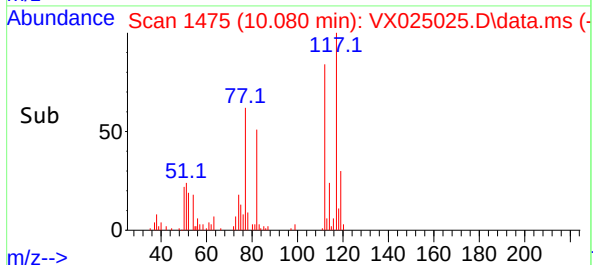
MMDadoda
11/2/2021 2:32:57 PM

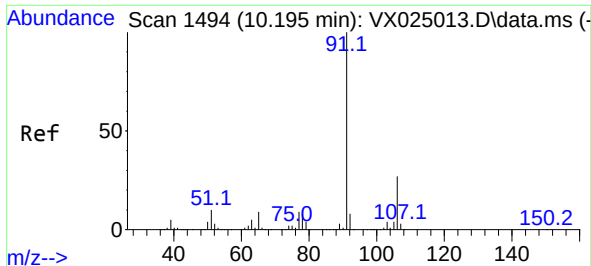


#51
Chlorobenzene
Concen: 2.421 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



Tgt Ion:112 Resp: 7053
Ion Ratio Lower Upper
112 100
114 28.2 22.7 42.3
77 73.9 46.8 70.2#





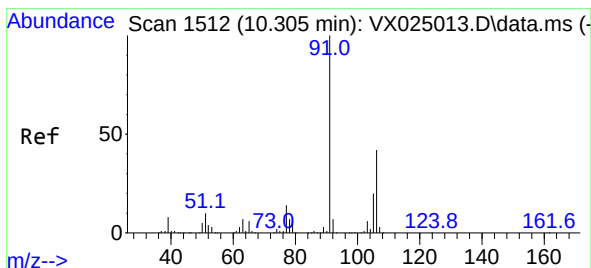
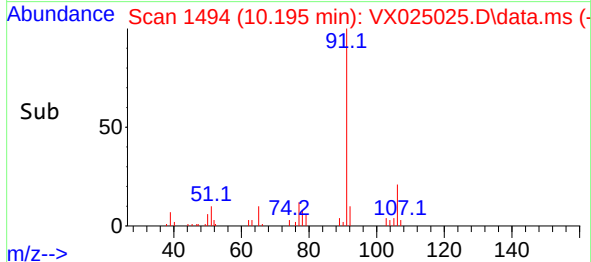
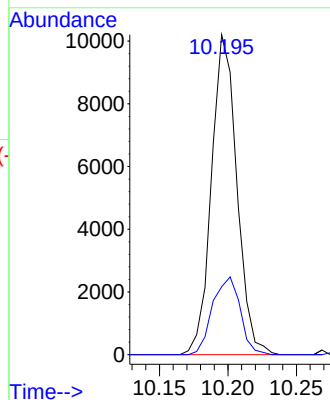
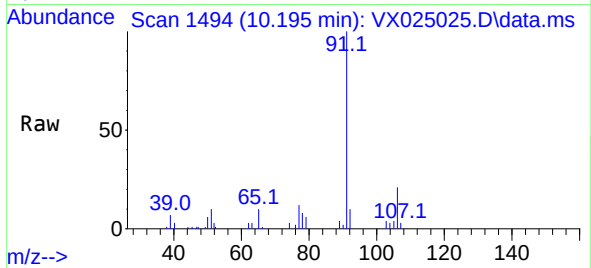
#52
Ethylbenzene
Concen: 2.341 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 91 Resp: 13162
Ion Ratio Lower Upper
91 100
106 21.2 20.2 37.6

Instrument :
MSVOA_X
ClientSampled :
MDL04

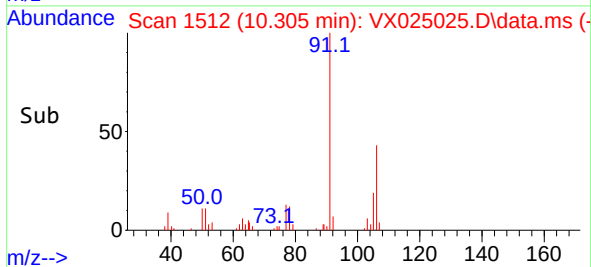
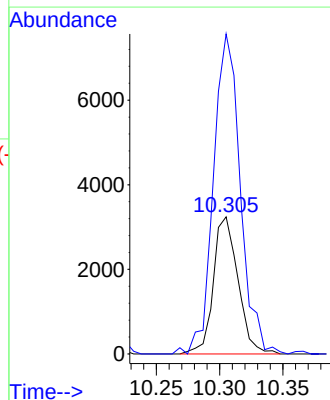
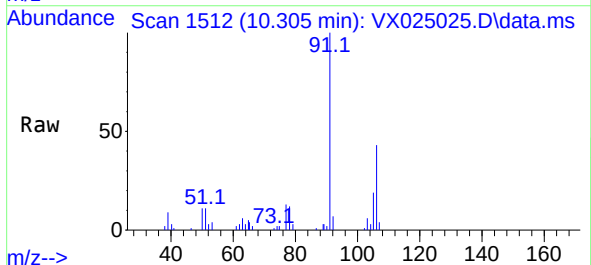
Manual Integrations
APPROVED

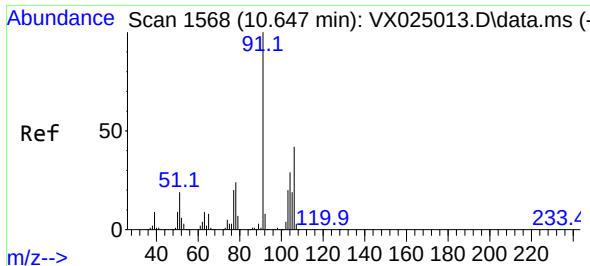
MMDadoda
11/2/2021 2:32:57 PM



#53
m,p-Xylene
Concen: 2.273 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

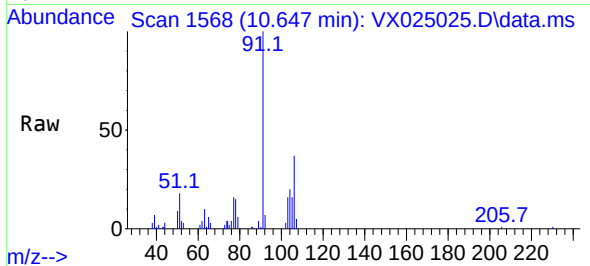
Tgt Ion: 106 Resp: 4395
Ion Ratio Lower Upper
106 100
91 233.3 160.2 297.6





#54
o-Xylene
Concen: 2.262 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

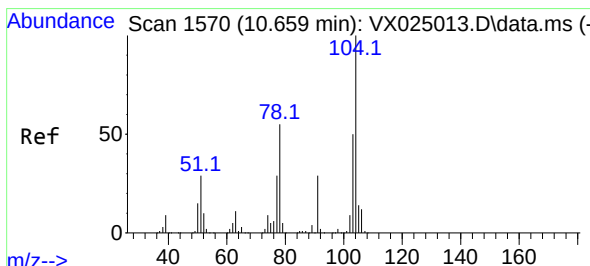
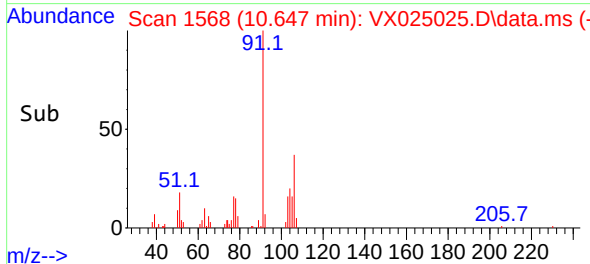
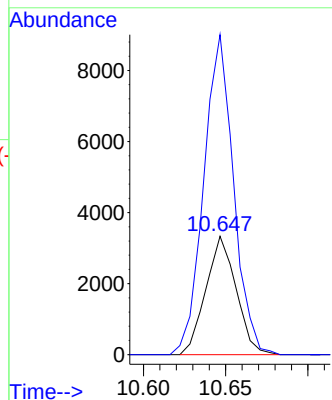
Instrument :
MSVOA_X
ClientSampled :
MDL04



Tgt Ion:106 Resp: 4276
Ion Ratio Lower Upper
106 100
91 270.2 164.4 305.4

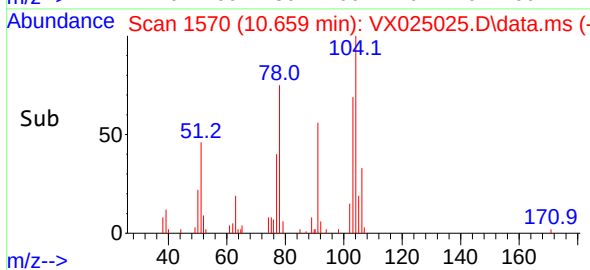
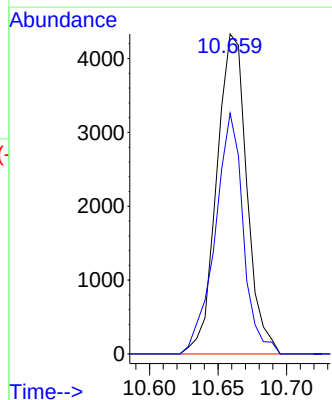
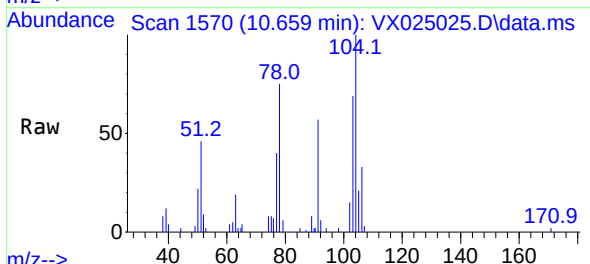
Manual Integrations
APPROVED

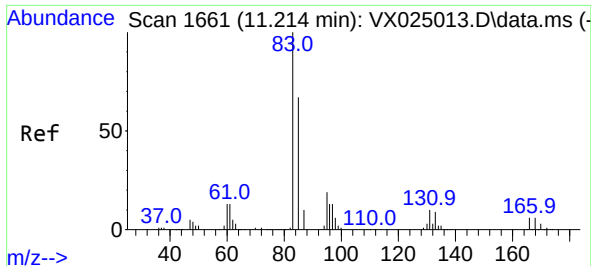
MMDadoda
11/2/2021 2:32:57 PM



#55
Styrene
Concen: 2.074 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

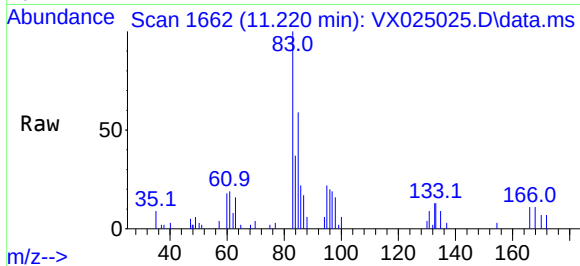
Tgt Ion:104 Resp: 6632
Ion Ratio Lower Upper
104 100
78 75.2 38.2 71.0#





#57
1,1,2,2-Tetrachloroethane
Concen: 2.676 ug/L
RT: 11.220 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

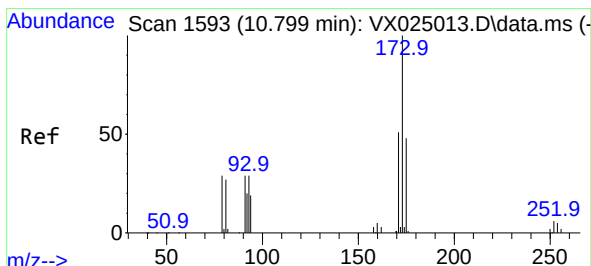
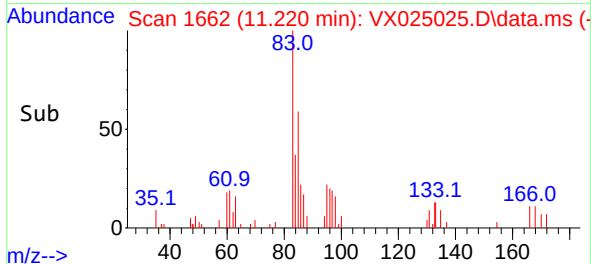
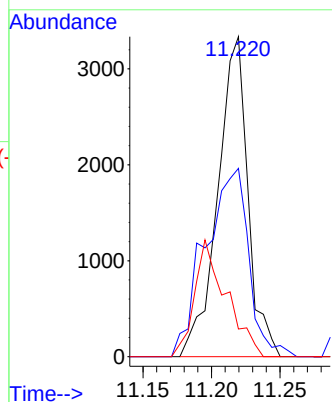
Instrument :
MSVOA_X
ClientSampled :
MDL04



Tgt Ion: 83 Resp: 5106
Ion Ratio Lower Upper
83 100
85 58.9 46.9 87.1
131 8.7 8.7 13.1#

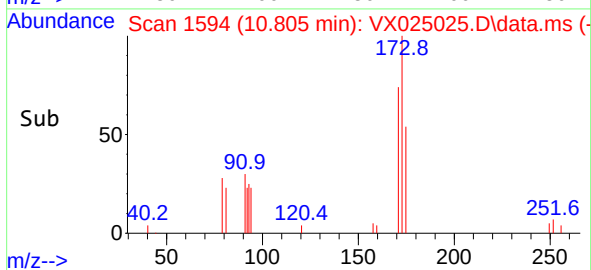
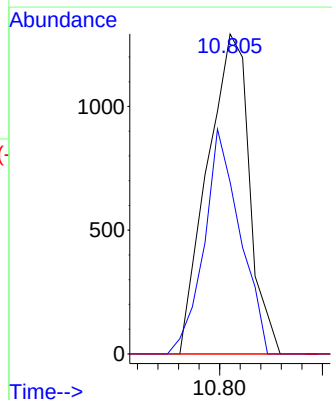
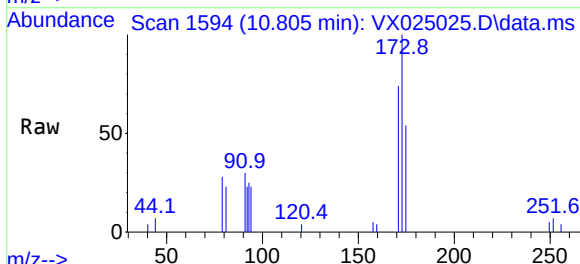
Manual Integrations
APPROVED

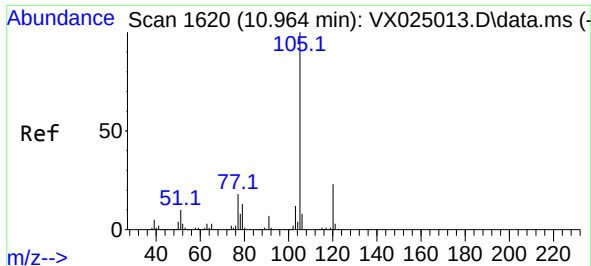
MMDadoda
11/2/2021 2:32:57 PM



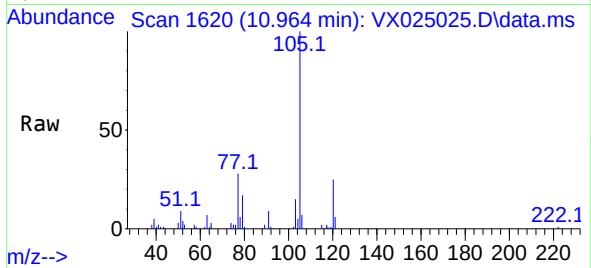
#59
Bromoform
Concen: 2.357 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion: 173 Resp: 1838
Ion Ratio Lower Upper
173 100
175 59.8 36.6 55.0#
254 0.0 4.9 7.3#

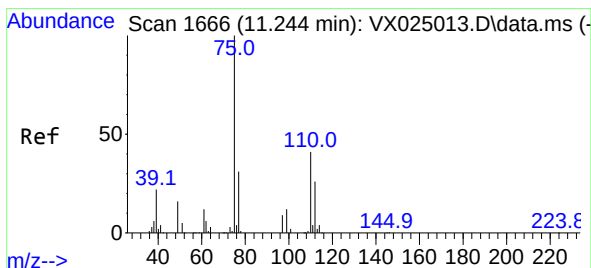
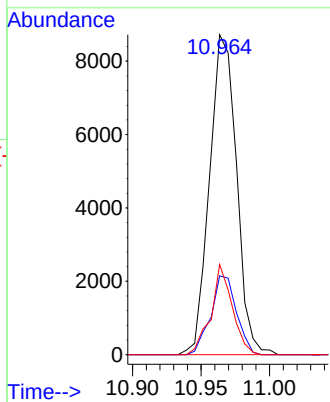
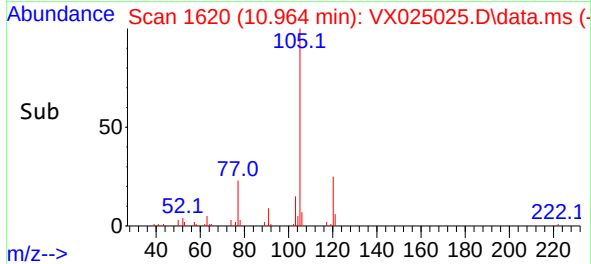




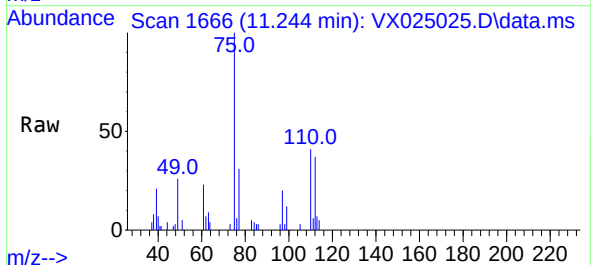
#60
Isopropylbenzene
Concen: 2.476 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



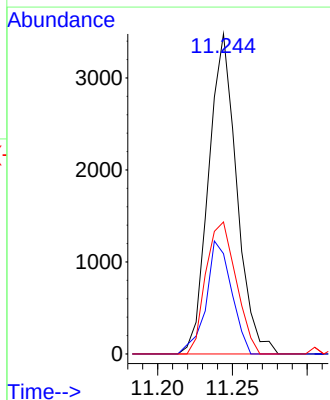
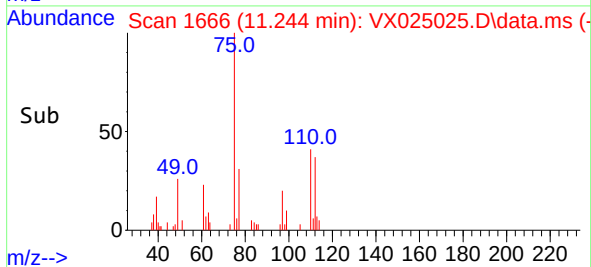
Tgt Ion:	105	Resp:	11947
Ion	Ratio	Lower	Upper
105	100		
120	23.6	19.8	29.6
77	22.2	13.2	19.8#



#61
1,2,3-Trichloropropane
Concen: 2.952 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



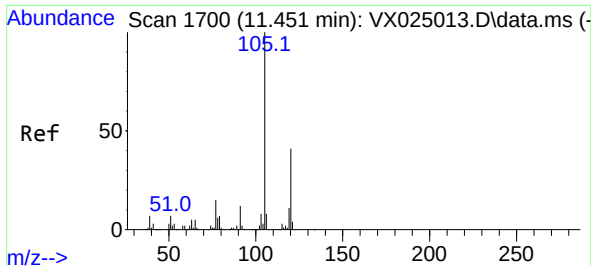
Tgt Ion:	75	Resp:	4553
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.6	39.8
110	44.1	37.2	55.8



Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

MMDadoda
11/2/2021 2:32:57 PM



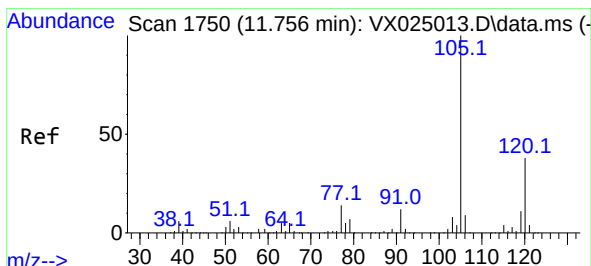
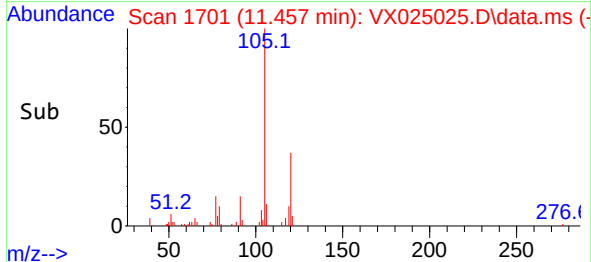
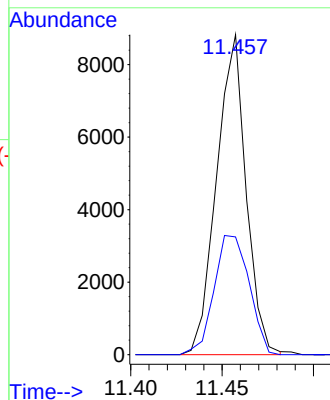
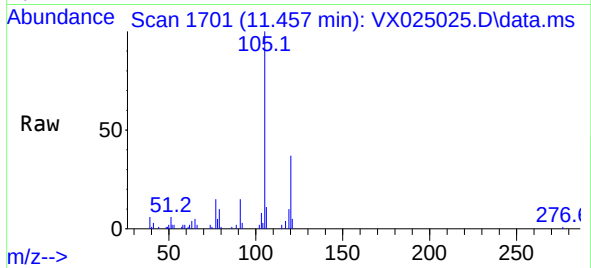
#62
1,3,5-Trimethylbenzene
Concen: 2.368 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:105 Resp: 9896
Ion Ratio Lower Upper
105 100
120 44.5 34.4 51.6

Instrument :
MSVOA_X
ClientSampled :
MDL04

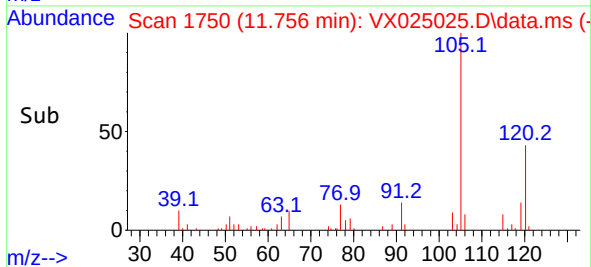
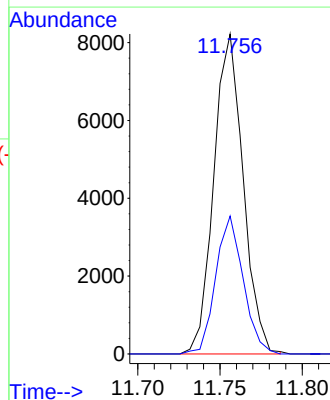
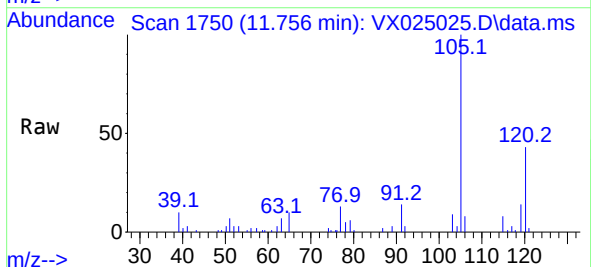
Manual Integrations
APPROVED

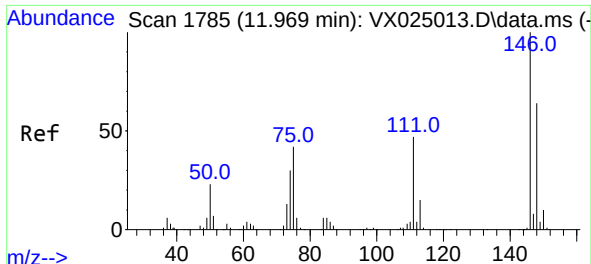
MMDadoda
11/2/2021 2:32:57 PM



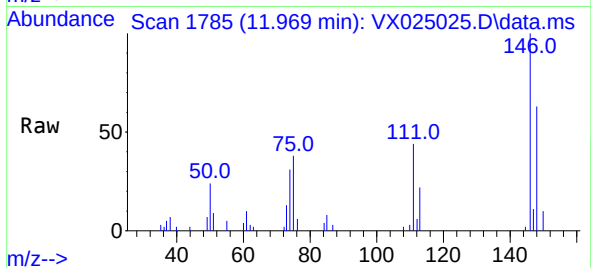
#63
1,2,4-Trimethylbenzene
Concen: 2.438 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:105 Resp: 10215
Ion Ratio Lower Upper
105 100
120 40.0 31.0 46.6

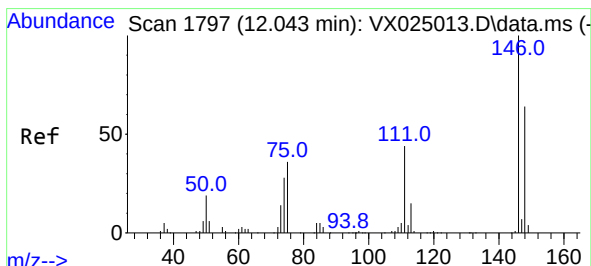
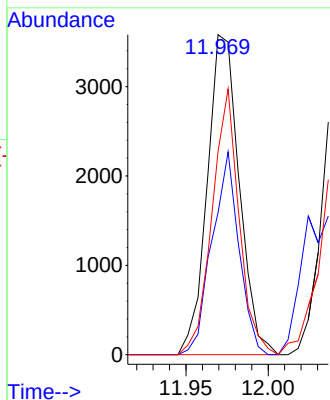
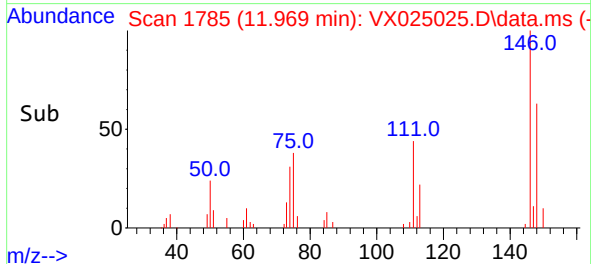




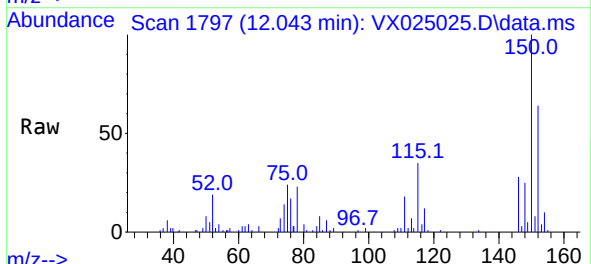
#64
1,3-Dichlorobenzene
Concen: 2.584 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



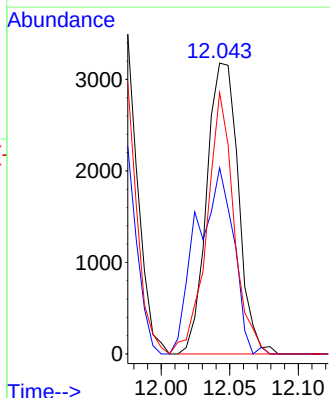
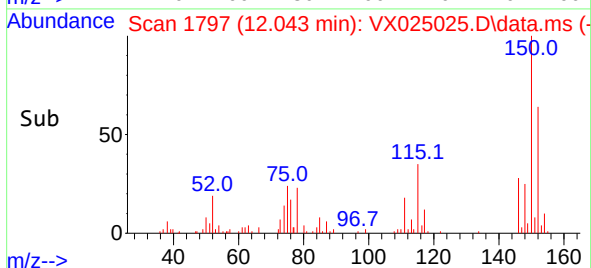
Tgt Ion:146 Resp: 4853
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.9
148 63.5 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 2.627 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



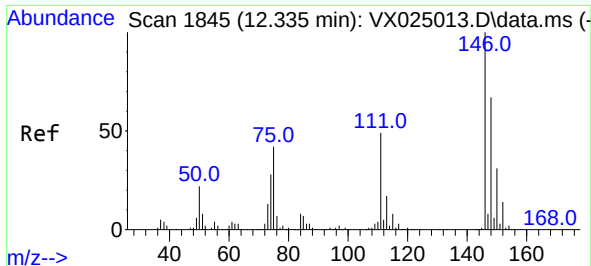
Tgt Ion:146 Resp: 5103
Ion Ratio Lower Upper
146 100
111 64.0 31.8 59.0#
148 89.8 46.1 85.5#



Instrument :
MSVOA_X
ClientSampled :
MDL04

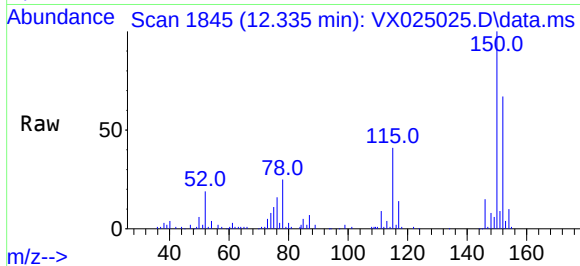
Manual Integrations
APPROVED

MMDadoda
11/2/2021 2:32:57 PM



#67
1,2-Dichlorobenzene
Concen: 2.747 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

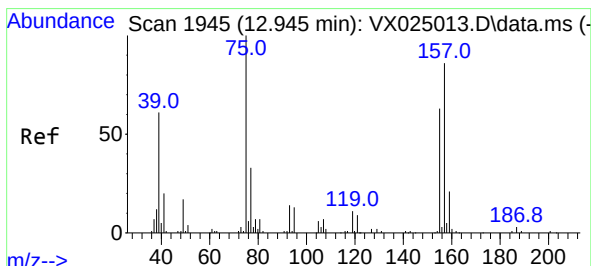
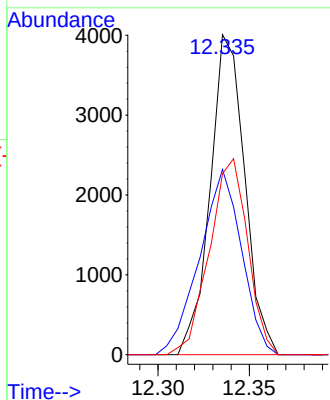
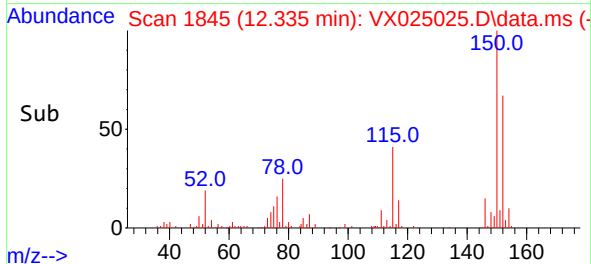
Instrument :
MSVOA_X
ClientSampled :
MDL04



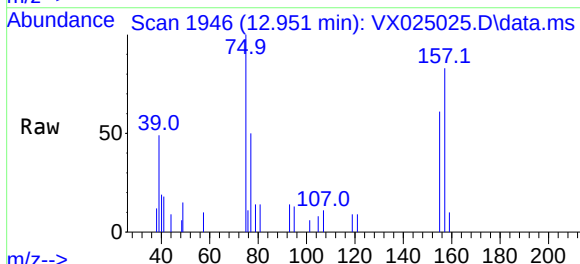
Tgt Ion:146 Resp: 5271
Ion Ratio Lower Upper
146 100
111 57.9 38.5 57.7#
148 56.6 53.2 79.8

Manual Integrations
APPROVED

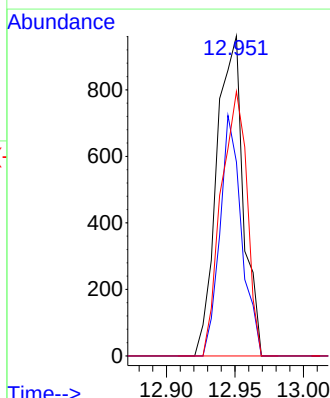
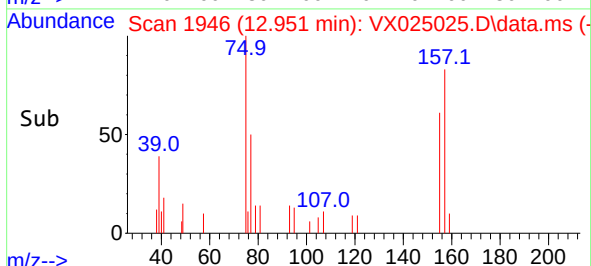
MMDadoda
11/2/2021 2:32:57 PM

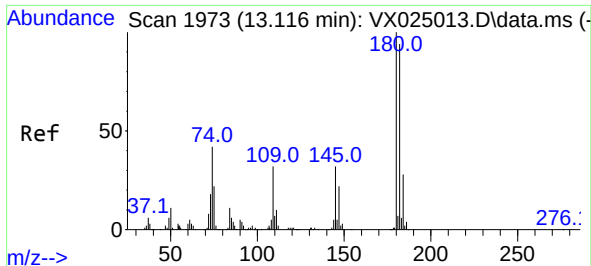


#68
1,2-Dibromo-3-chloropropane
Concen: 2.575 ug/L
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



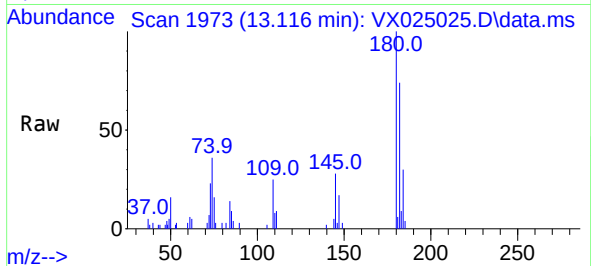
Tgt Ion: 75 Resp: 1295
Ion Ratio Lower Upper
75 100
155 60.6 59.3 88.9
157 82.6 68.7 103.1





#69
1,3,5-Trichlorobenzene
Concen: 2.701 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

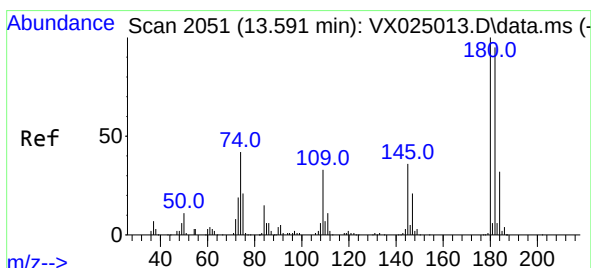
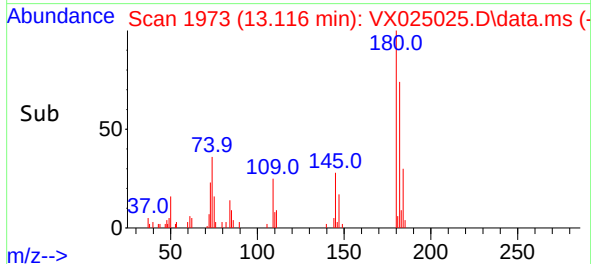
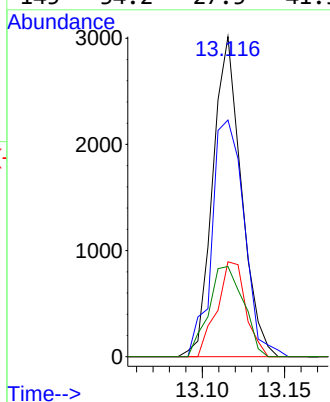
Instrument :
MSVOA_X
ClientSampled :
MDL04



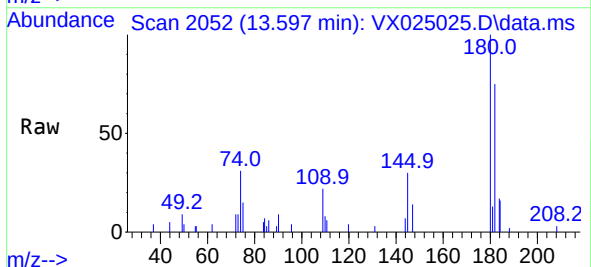
Tgt Ion:	180	Resp:	3643
Ion	Ratio	Lower	Upper
180	100		
182	83.0	74.2	111.4
184	29.7	23.7	35.5
145	34.2	27.5	41.3

Manual Integrations
APPROVED

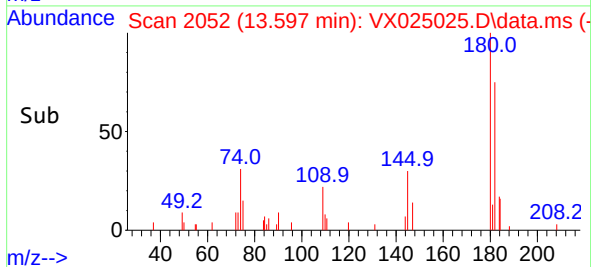
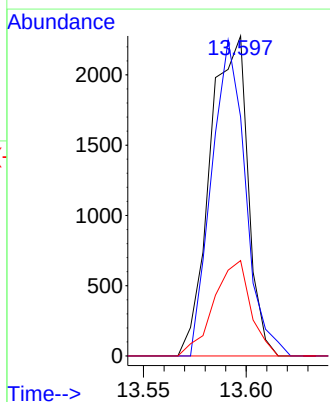
MMDadoda
11/2/2021 2:32:57 PM

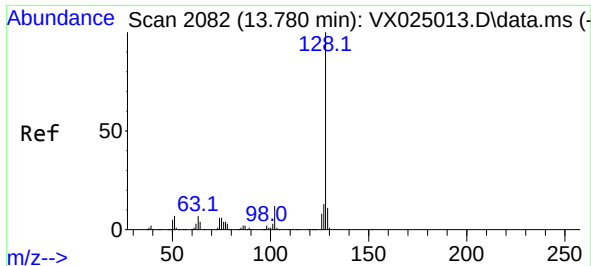


#70
1,2,4-trichlorobenzene
Concen: 2.544 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53



Tgt Ion:	180	Resp:	2909
Ion	Ratio	Lower	Upper
180	100		
182	88.3	76.4	114.6
145	29.2	28.8	43.2





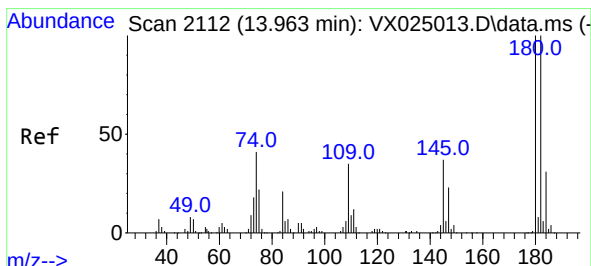
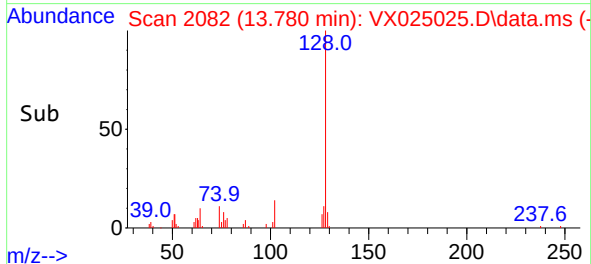
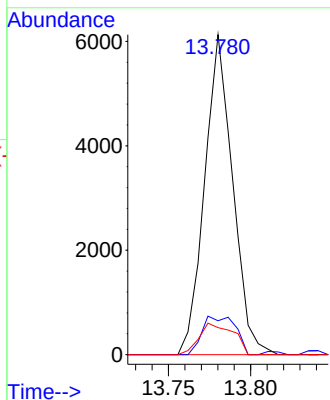
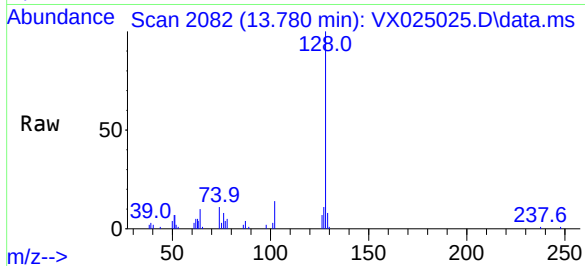
#71
Naphthalene
Concen: 1.840 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:	128	Resp:	7277
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	15.8
129	11.9	9.1	13.7

Instrument :
MSVOA_X
ClientSampled :
MDL04

Manual Integrations
APPROVED

MMDadoda
11/2/2021 2:32:57 PM



#72
1,2,3-Trichlorobenzene
Concen: 2.325 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025025.D
Acq: 29 Oct 2021 17:53

Tgt Ion:	180	Resp:	2734
Ion	Ratio	Lower	Upper
180	100		
182	93.8	73.3	109.9
145	40.5	29.0	43.4

