

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025023.D
 Acq On : 29 Oct 2021 17:06
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

MMDadoda

11/2/2021 2:32:53 PM

Quant Time: Oct 30 01:51:57 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)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	165675	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.061	117	148427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68609	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31887	30.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.380%
7) Chloroethane-d5	1.666	69	25420	35.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.420%
11) 1,1-Dichloroethene-d2	2.307	63	67372	25.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.780%#
21) 2-Butanone-d5	4.465	46	93115	88.272	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.270%
24) Chloroform-d	5.062	84	112043	40.546	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.100%
26) 1,2-Dichloroethane-d4	5.964	65	82096	40.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.020%
32) Benzene-d6	5.983	84	166237	39.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.920%
36) 1,2-Dichloropropane-d6	7.312	67	57982	40.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.780%
41) Toluene-d8	8.653	98	154360	38.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.600%#
43) trans-1,3-Dichloroprop...	8.952	79	33260	40.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.620%
47) 2-Hexanone-d5	9.385	63	67971	92.986	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.990%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88274	45.469	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	56253	42.253	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3008	1.934	ug/L	95
3) Chloromethane	1.288	50	1885	1.743	ug/L	92
5) Vinyl chloride	1.368	62	2344	1.927	ug/L	# 67
6) Bromomethane	1.612	94	1565	1.999	ug/L	82
8) Chloroethane	1.685	64	1451	2.360	ug/L	89
9) Trichlorofluoromethane	1.886	101	5521	2.044	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2992	2.442	ug/L	# 82
12) 1,1-Dichloroethene	2.319	96	2809	2.726	ug/L	# 1
13) Acetone	2.386	43	4518	4.506	ug/L	82
14) Carbon disulfide	2.514	76	5811	2.080	ug/L	# 91
15) Methyl Acetate	2.703	43	3014	2.079	ug/L	# 82
16) Methylene chloride	2.794	84	2959	2.536	ug/L	# 52
17) trans-1,2-Dichloroethene	3.105	96	2422m	2.295	ug/L	
18) Methyl tert-butyl Ether	3.117	73	9944	2.282	ug/L	# 89
19) 1,1-Dichloroethane	3.611	63	5207	2.124	ug/L	# 90
20) cis-1,2-Dichloroethene	4.501	96	2952	2.476	ug/L	# 86
22) 2-Butanone	4.574	43	5038	4.082	ug/L	71
23) Bromochloromethane	4.904	128	1226	2.059	ug/L	# 67
25) Chloroform	5.111	83	6861m	2.514	ug/L	

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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

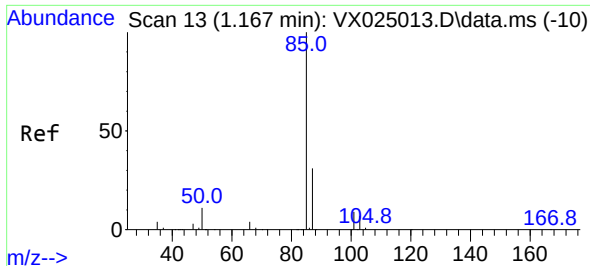
MMDadoda

11/2/2021 2:32:53 PM

Quant Time: Oct 30 01:51:57 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)
27) 1,2-Dichloroethane	6.099	62	5211	2.160	ug/L #	80
29) Cyclohexane	5.477	56	4034m	2.005	ug/L	
30) 1,1,1-Trichloroethane	5.391	97	5369	2.091	ug/L #	50
31) Carbon tetrachloride	5.678	117	4762m	2.190	ug/L	
33) Benzene	6.044	78	10649m	2.317	ug/L	
34) Trichloroethene	7.123	95	3371	2.432	ug/L	86
35) Methylcyclohexane	7.385	83	4555	2.277	ug/L #	78
38) Bromodichloromethane	7.830	83	4449	2.227	ug/L	85
39) cis-1,3-Dichloropropene	8.373	75	4292	2.020	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	8534	4.203	ug/L #	82
42) Toluene	8.726	91	13310	2.647	ug/L	90
44) trans-1,3-Dichloropropene	8.982	75	4924	2.251	ug/L	88
45) 1,1,2-Trichloroethane	9.159	97	2760	2.255	ug/L	91
46) Tetrachloroethene	9.275	164	1777	2.053	ug/L	93
48) 2-Hexanone	9.433	43	6964	4.150	ug/L #	88
49) Dibromochloromethane	9.525	129	3067	2.226	ug/L	89
50) 1,2-Dibromoethane	9.616	107	3090	2.288	ug/L #	82
51) Chlorobenzene	10.079	112	7216	2.400	ug/L	89
52) Ethylbenzene	10.201	91	12602	2.172	ug/L	97
53) m,p-Xylene	10.305	106	4208	2.108	ug/L	75
54) o-Xylene	10.646	106	3910	2.004	ug/L	95
55) Styrene	10.659	104	6601	2.000	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	5402	2.743	ug/L #	89
59) Bromoform	10.805	173	1707	2.020	ug/L #	80
60) Isopropylbenzene	10.970	105	10762	2.058	ug/L #	95
61) 1,2,3-Trichloropropane	11.238	75	4099	2.453	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	9810	2.166	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	9948	2.191	ug/L	98
64) 1,3-Dichlorobenzene	11.976	146	5009	2.461	ug/L	93
65) 1,4-Dichlorobenzene	12.043	146	4802	2.282	ug/L	91
67) 1,2-Dichlorobenzene	12.335	146	4890	2.352	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.945	75	1198	2.198	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	3157	2.160	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	2698	2.178	ug/L	90
71) Naphthalene	13.780	128	6935	1.618	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	2654	2.083	ug/L	92

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



#2
Dichlorodifluoromethane
Concen: 1.934 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

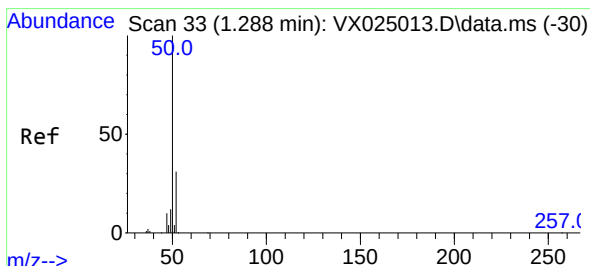
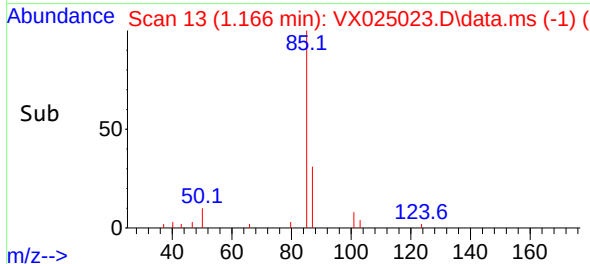
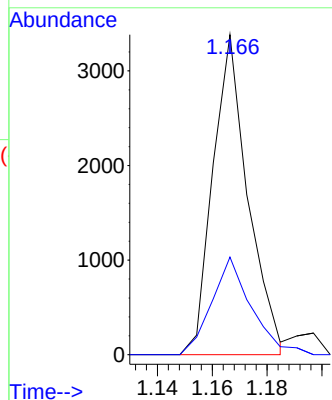
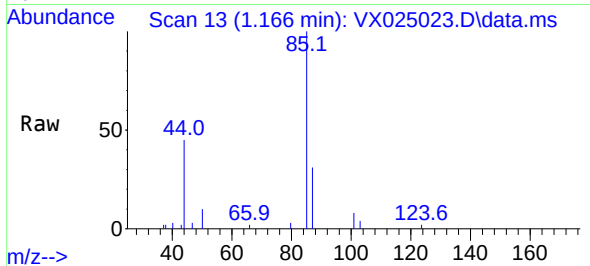
Tgt Ion: 85 Resp: 3008
Ion Ratio Lower Upper
85 100
87 34.6 25.3 37.9

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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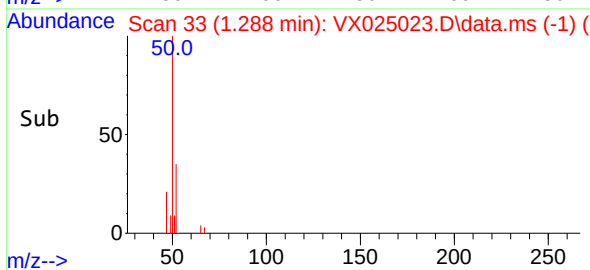
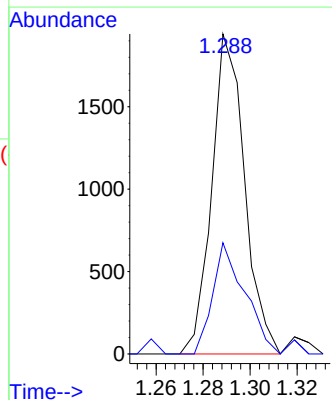
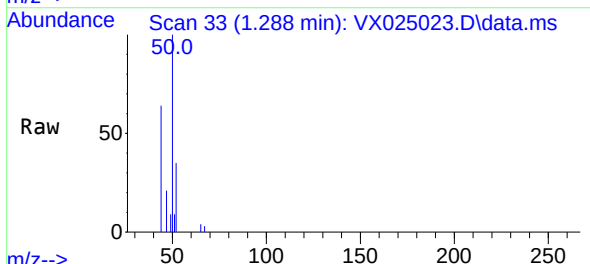
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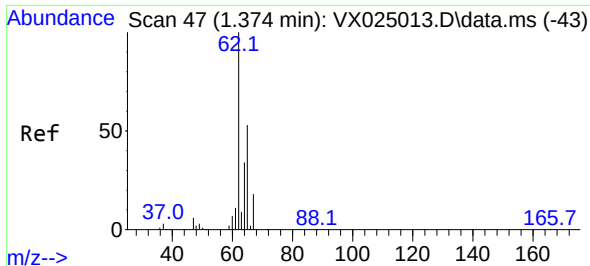
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#3
Chloromethane
Concen: 1.743 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 50 Resp: 1885
Ion Ratio Lower Upper
50 100
52 34.8 28.0 52.0





#5
Vinyl chloride
Concen: 1.927 ug/L
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

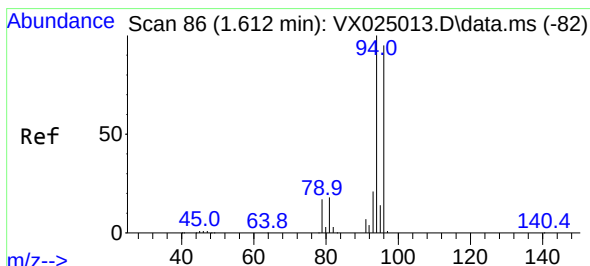
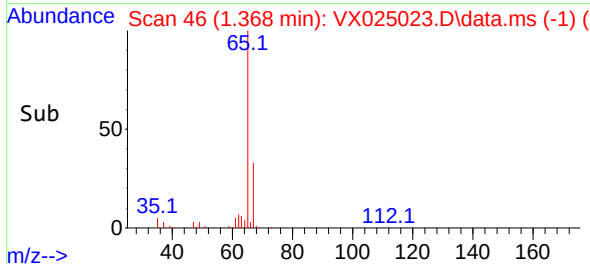
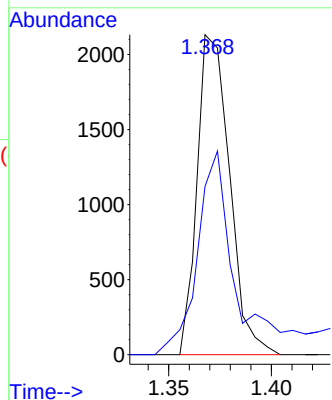
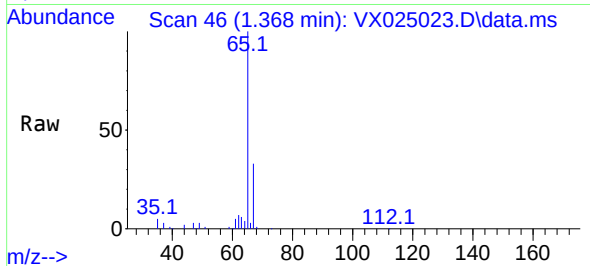
Tgt Ion: 62 Resp: 2344
Ion Ratio Lower Upper
62 100
64 52.5 23.6 43.8#

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

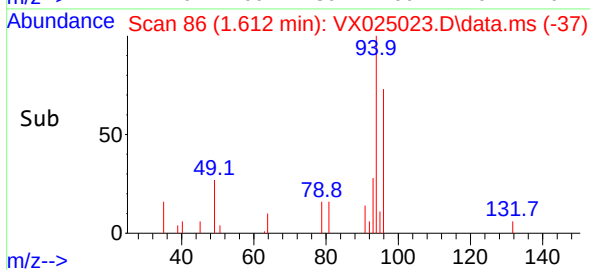
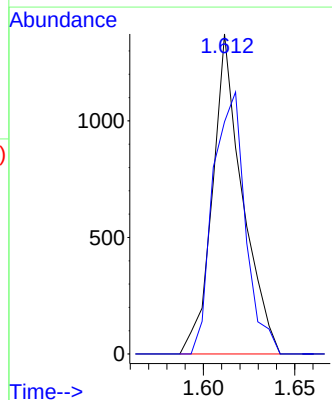
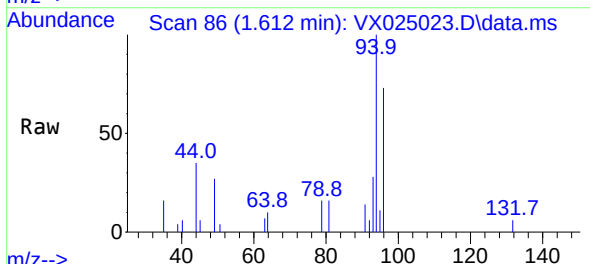
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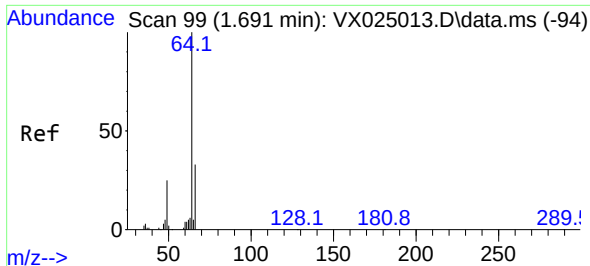
11/2/2021 2:32:53 PM



#6
Bromomethane
Concen: 1.999 ug/L
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

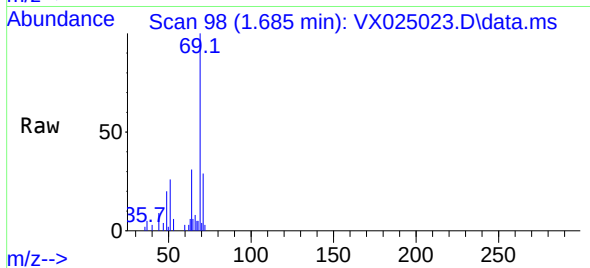
Tgt Ion: 94 Resp: 1565
Ion Ratio Lower Upper
94 100
96 72.5 62.9 116.9



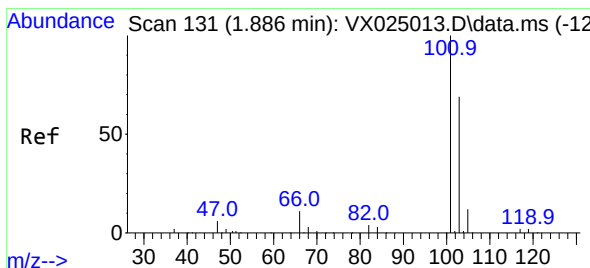
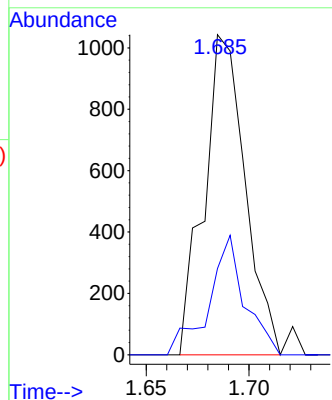
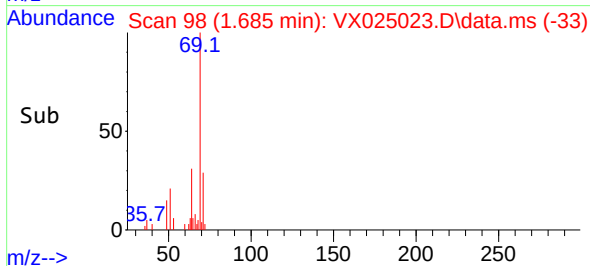


#8
Chloroethane
Concen: 2.360 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

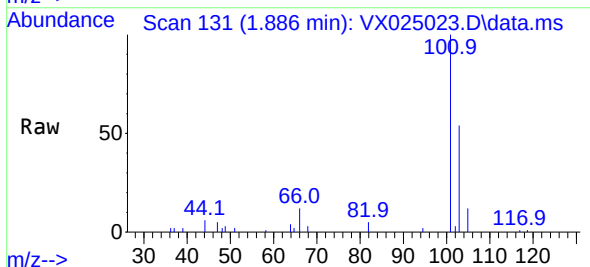
Instrument :
MSVOA_X
ClientSampled :
MDL05



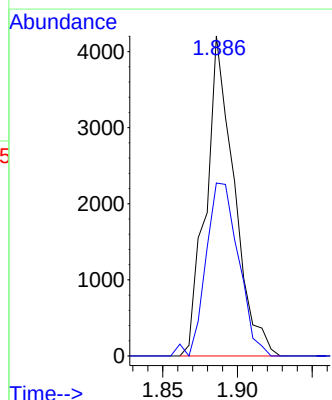
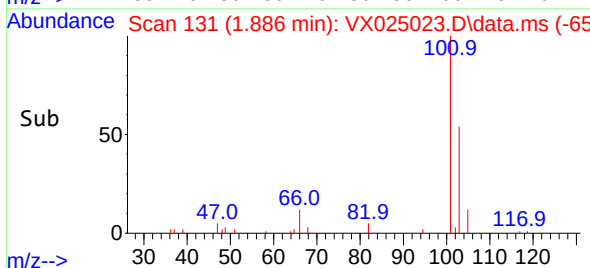
Tgt Ion: 64 Resp: 1451
Ion Ratio Lower Upper
64 100
66 26.9 23.3 43.3

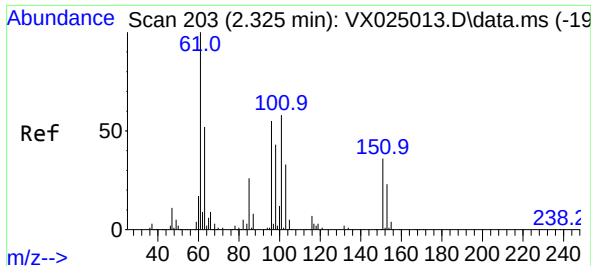


#9
Trichlorofluoromethane
Concen: 2.044 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion: 101 Resp: 5521
Ion Ratio Lower Upper
101 100
103 61.5 51.4 77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.442 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

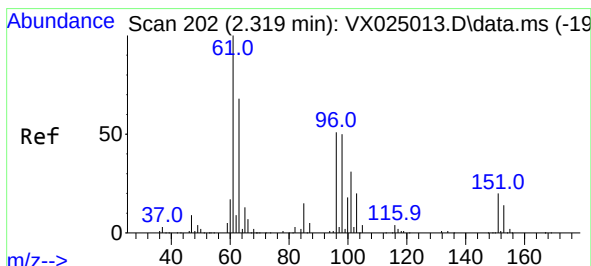
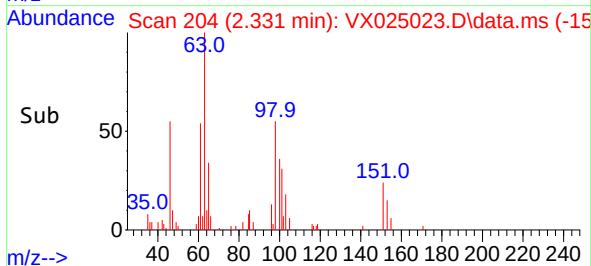
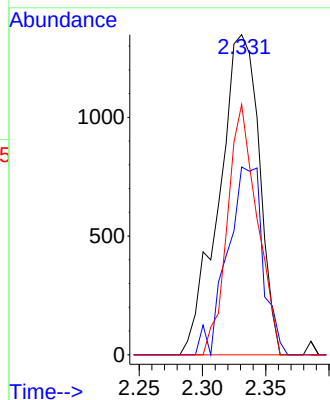
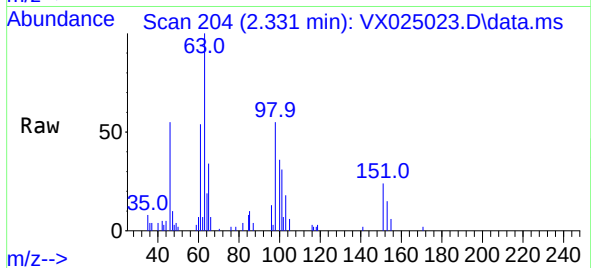
Tgt Ion: 101 Resp: 2992
Ion Ratio Lower Upper
101 100
85 50.1 35.3 52.9
151 57.7 62.3 93.5#

Instrument :
MSVOA_X
ClientSampled :
MDL05

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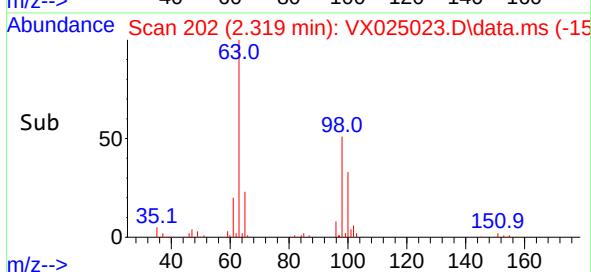
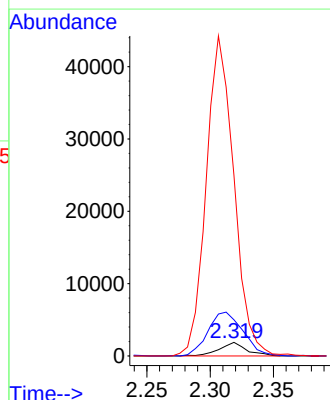
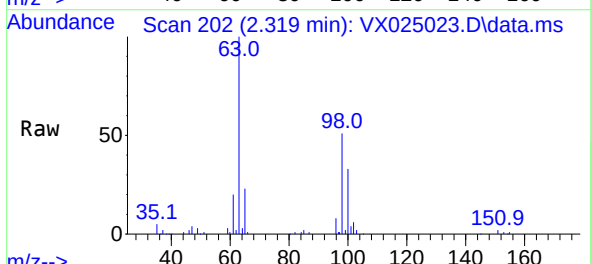
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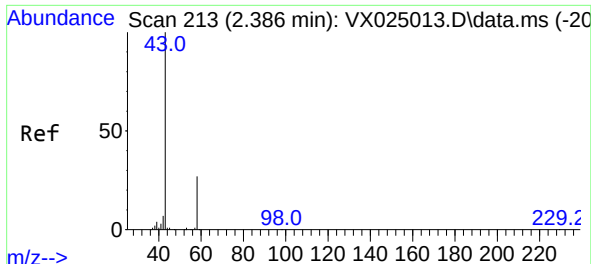
11/2/2021 2:32:53 PM



#12
1,1-Dichloroethene
Concen: 2.726 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

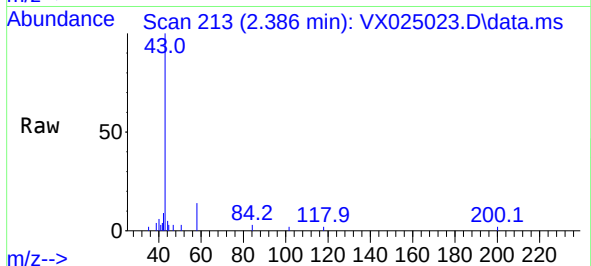
Tgt Ion: 96 Resp: 2809
Ion Ratio Lower Upper
96 100
61 266.8 109.9 204.1#
63 1330.5 92.4 171.6#





#13
Acetone
Concen: 4.506 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Instrument :
MSVOA_X
ClientSampled :
MDL05

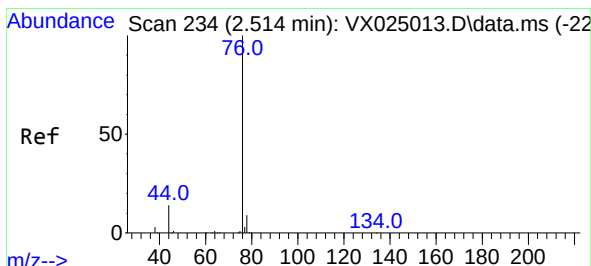
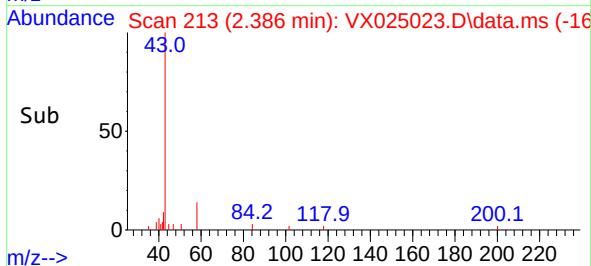
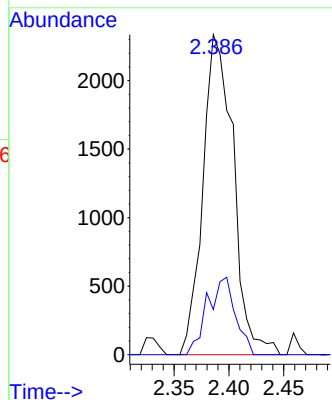


Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
58 22.2 0.0 64.8

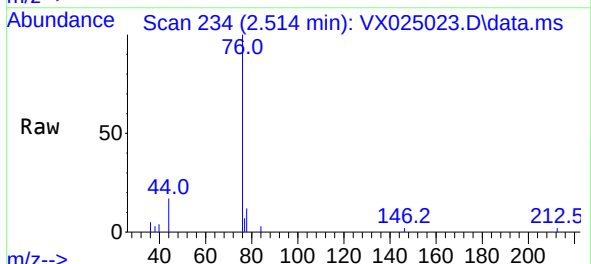
Manual Integrations
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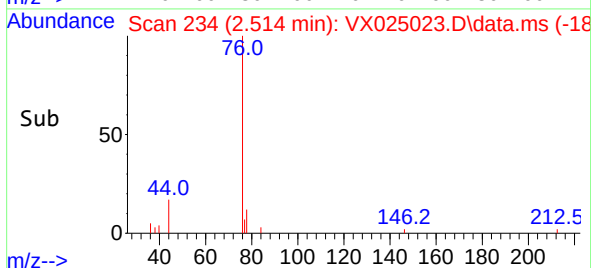
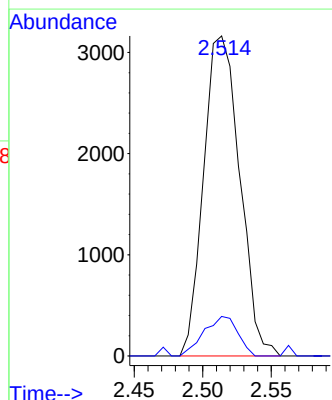
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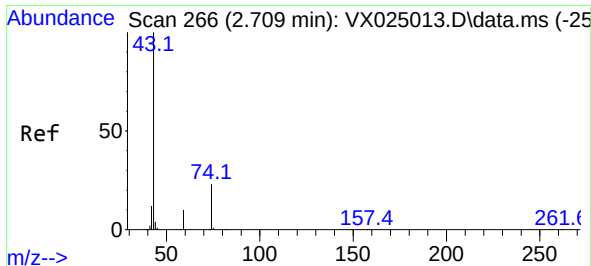


#14
Carbon disulfide
Concen: 2.080 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



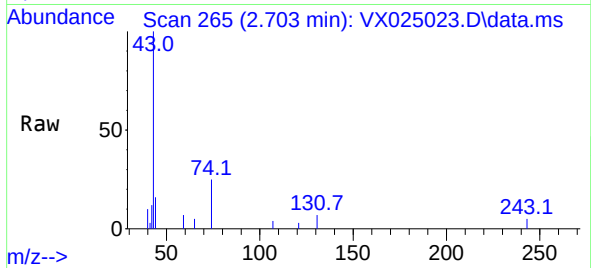
Tgt Ion: 76 Resp: 5811
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#





#15
Methyl Acetate
Concen: 2.079 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Instrument :
MSVOA_X
ClientSampled :
MDL05

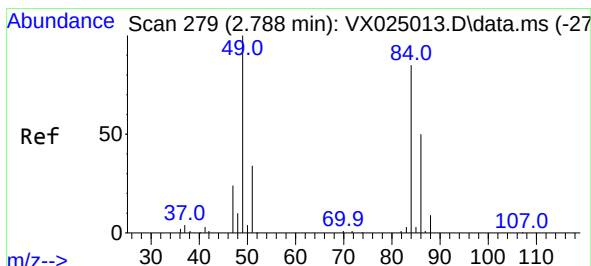
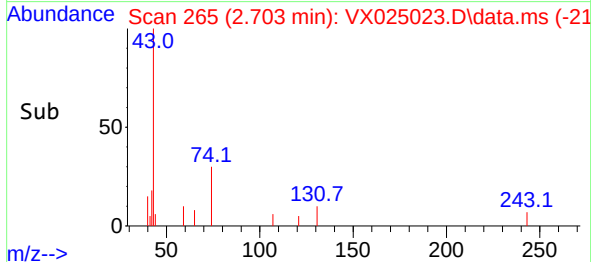
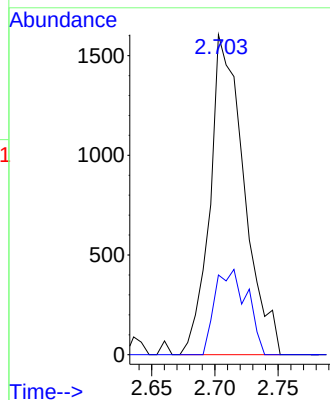


Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
74 25.1 28.6 42.8#

Manual Integrations
APPROVED

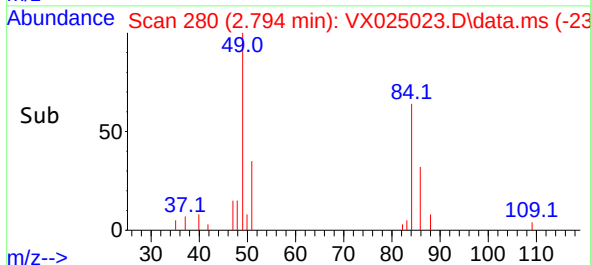
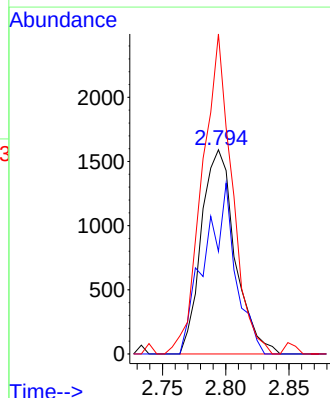
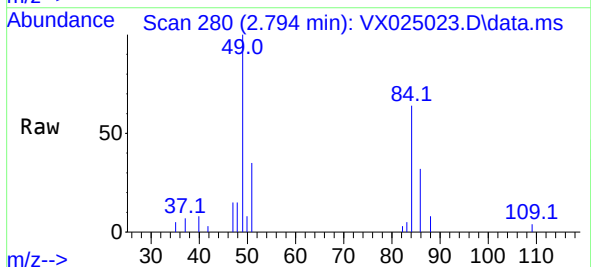
MMDadoda

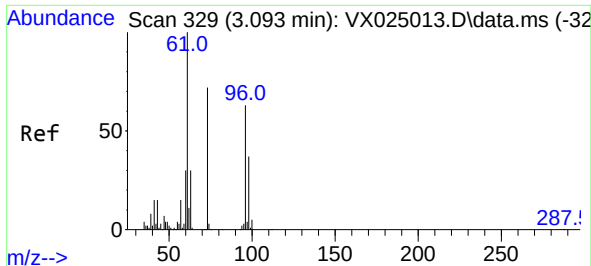
11/2/2021 2:32:53 PM



#16
Methylene chloride
Concen: 2.536 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 84 Resp: 2959
Ion Ratio Lower Upper
84 100
86 50.2 44.4 82.5
49 156.8 64.0 118.8#





#17
trans-1,2-Dichloroethene
Concen: 2.295 ug/L m
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

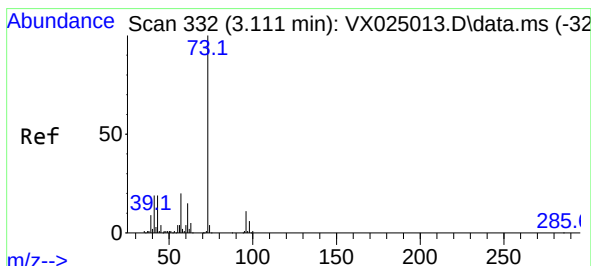
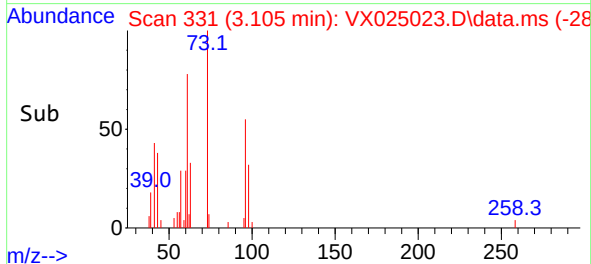
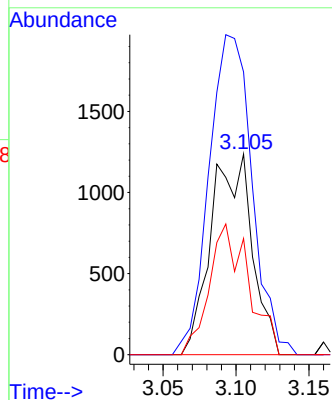
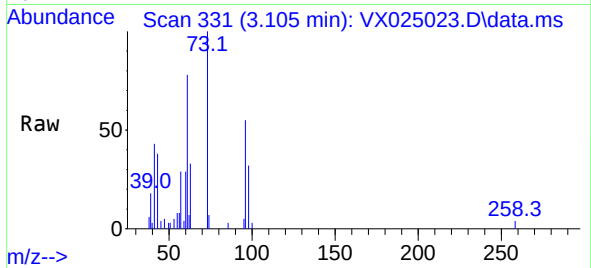
Tgt Ion: 96 Resp: 2422
Ion Ratio Lower Upper
96 100
61 140.9 99.4 184.6
98 57.9 47.0 87.2

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

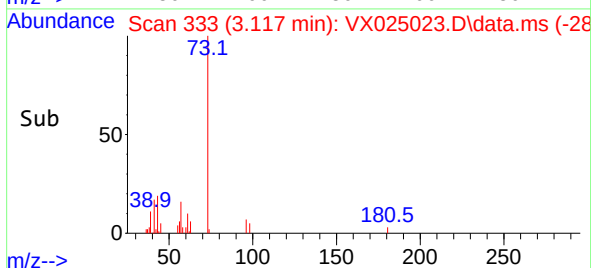
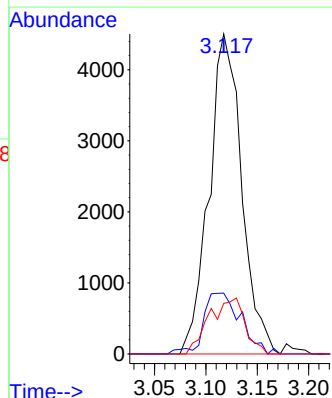
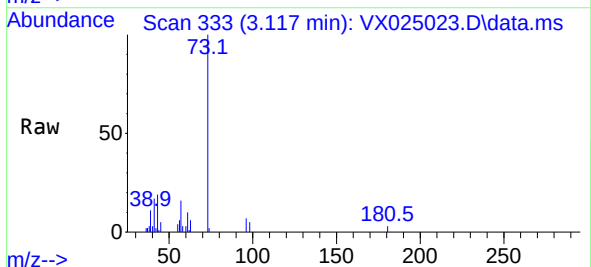
MMDadoda

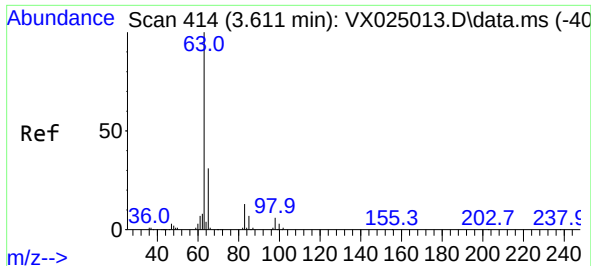
11/2/2021 2:32:53 PM



#18
Methyl tert-butyl Ether
Concen: 2.282 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 73 Resp: 9944
Ion Ratio Lower Upper
73 100
43 20.6 12.4 18.6#
57 12.0 13.2 19.8#





#19
1,1-Dichloroethane
Concen: 2.124 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

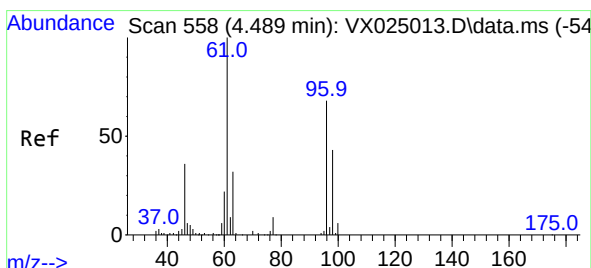
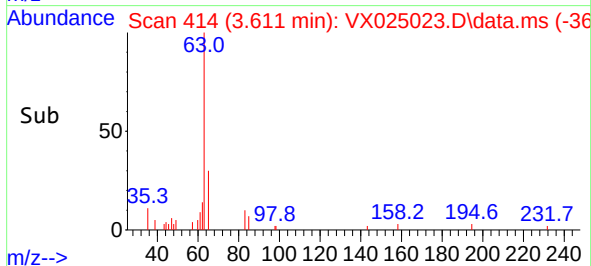
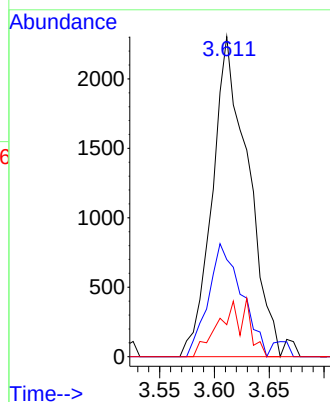
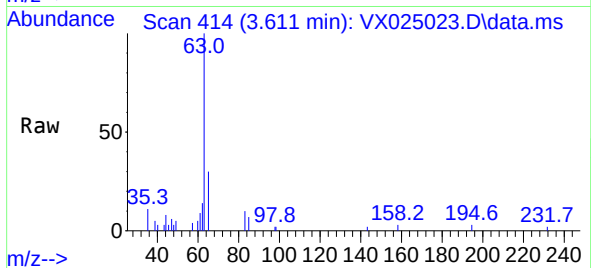
Tgt Ion: 63 Resp: 5207
Ion Ratio Lower Upper
63 100
65 30.3 24.5 45.5
83 10.0 11.7 21.7#

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

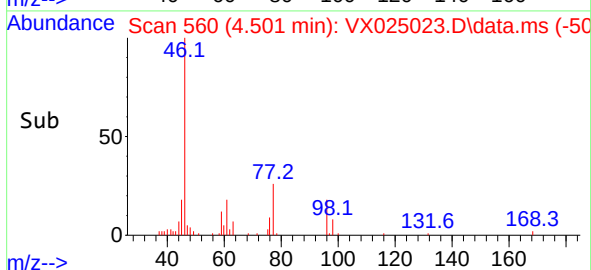
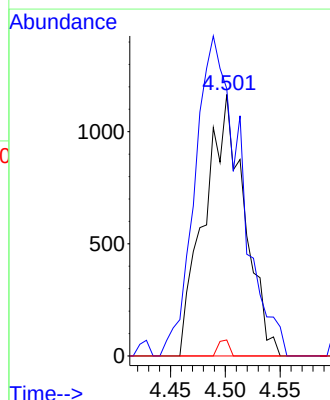
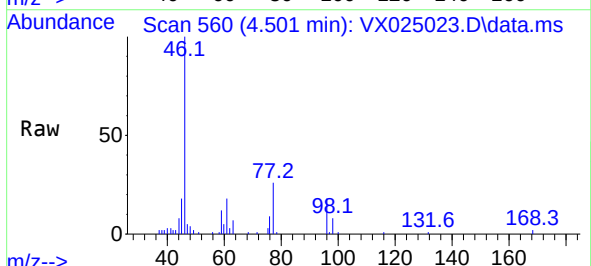
MMDadoda

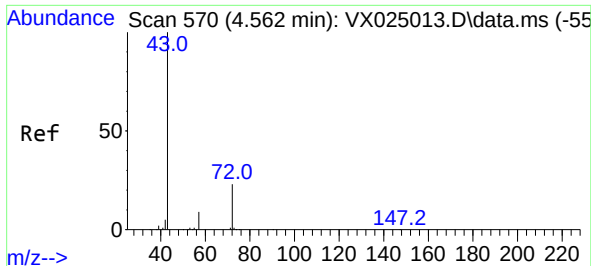
11/2/2021 2:32:53 PM



#20
cis-1,2-Dichloroethene
Concen: 2.476 ug/L
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 96 Resp: 2952
Ion Ratio Lower Upper
96 100
61 102.2 82.6 153.4
68 6.1 0.0 0.0#





#22
2-Butanone
Concen: 4.082 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

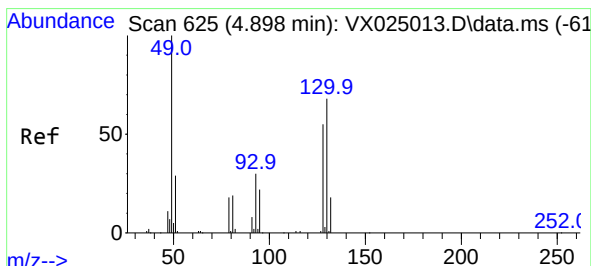
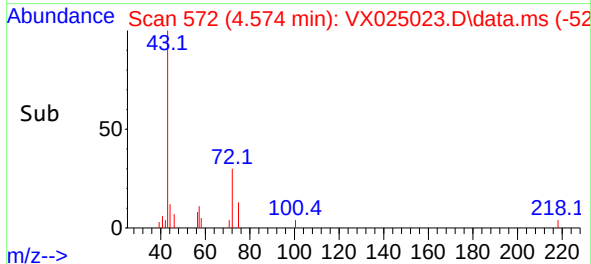
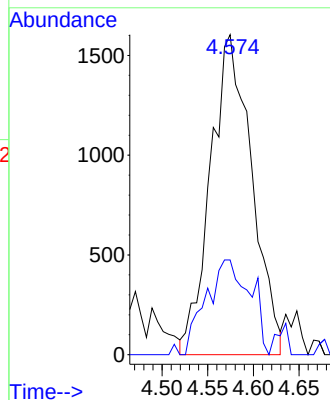
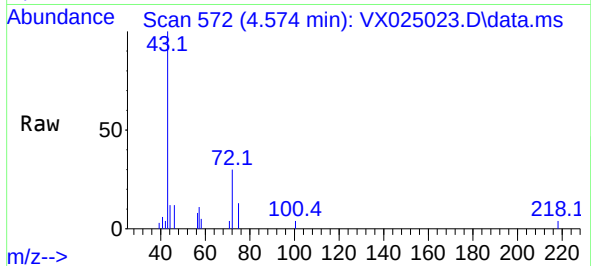
Tgt Ion: 43 Resp: 5038
Ion Ratio Lower Upper
43 100
72 19.6 18.4 55.0

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

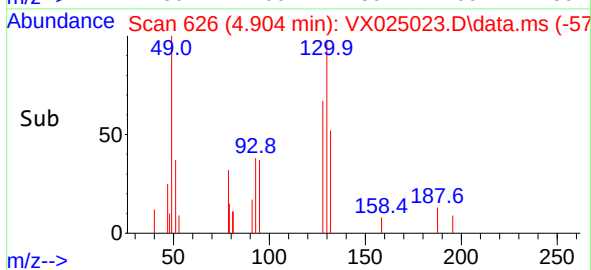
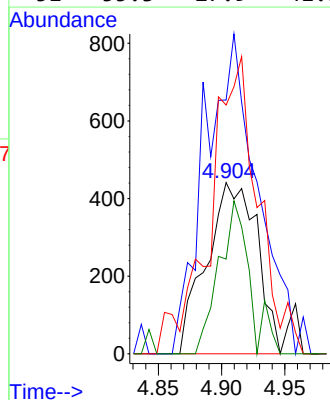
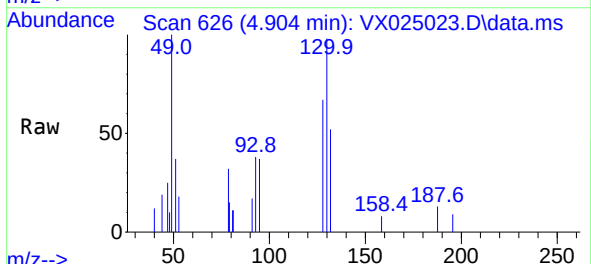
MMDadoda

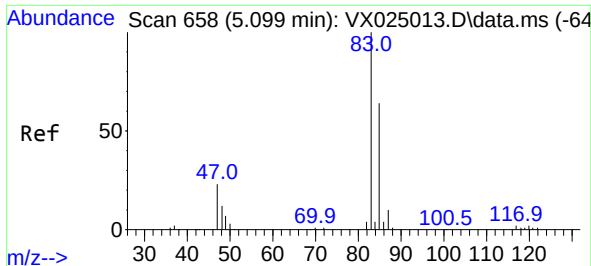
11/2/2021 2:32:53 PM



#23
Bromochloromethane
Concen: 2.059 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 128 Resp: 1226
Ion Ratio Lower Upper
128 100
49 148.3 71.5 132.7#
130 145.4 84.3 156.5
51 55.3 27.9 41.9#





#25
Chloroform
Concen: 2.514 ug/L m
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

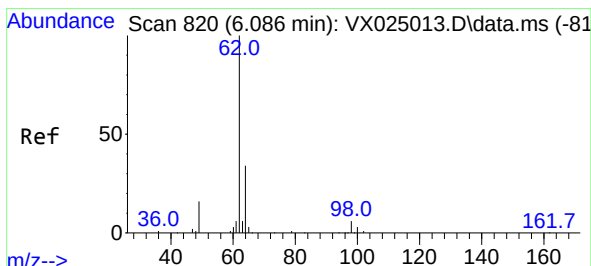
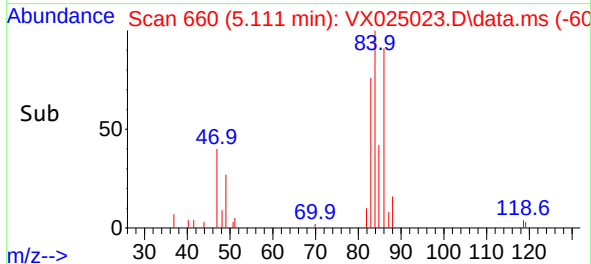
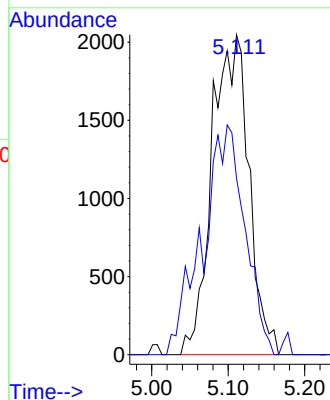
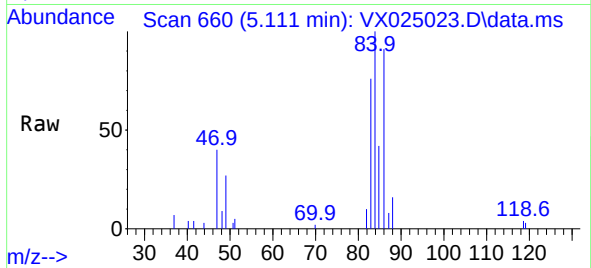
Tgt Ion: 83 Resp: 6861
Ion Ratio Lower Upper
83 100
85 55.2 46.3 86.1

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

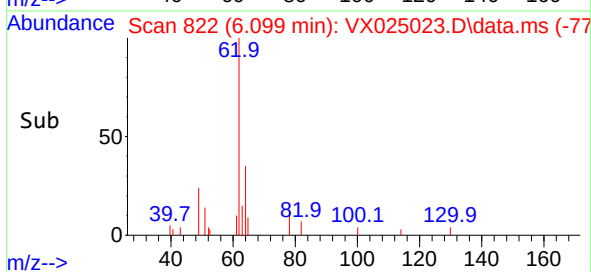
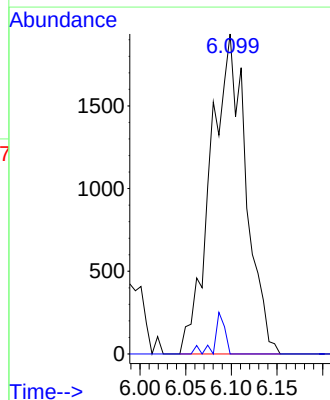
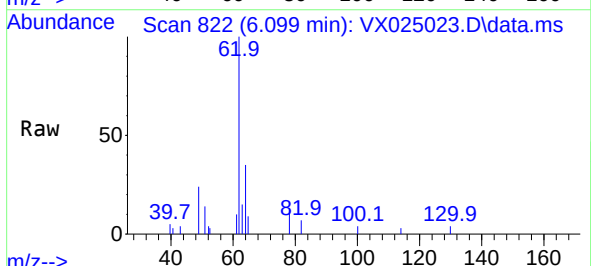
MMDadoda

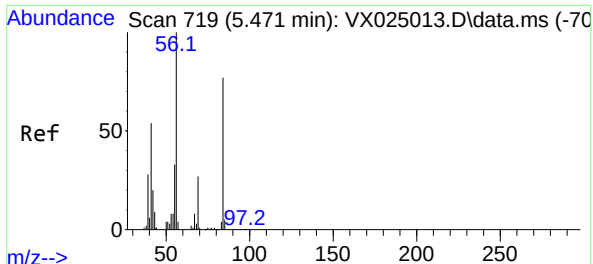
11/2/2021 2:32:53 PM



#27
1,2-Dichloroethane
Concen: 2.160 ug/L
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 62 Resp: 5211
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#





#29
Cyclohexane
Concen: 2.005 ug/L m
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

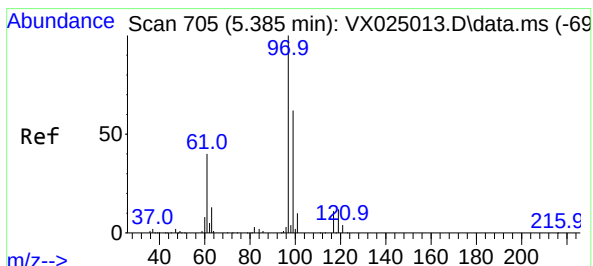
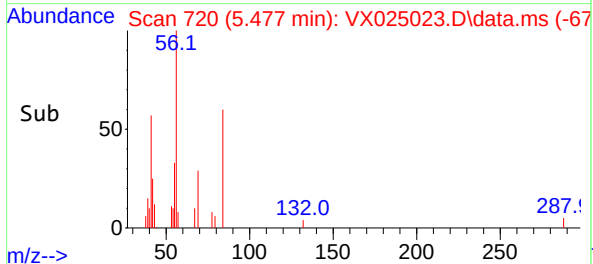
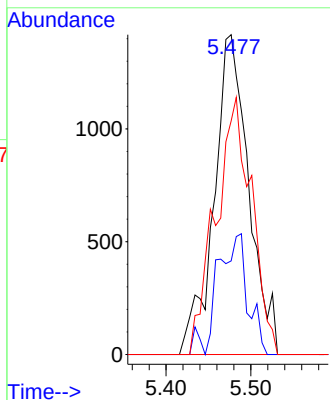
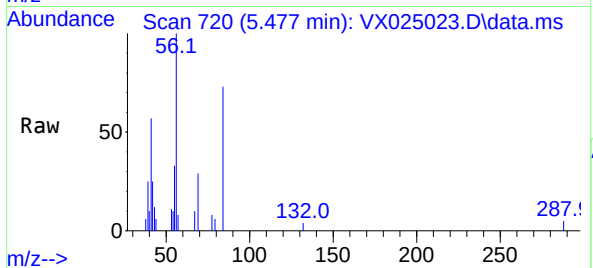
Tgt Ion:	56	Resp:	4034
Ion	Ratio	Lower	Upper
56	100		
69	16.5	30.8	46.2#
84	23.6	86.8	130.2#

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Manual Integrations
APPROVED

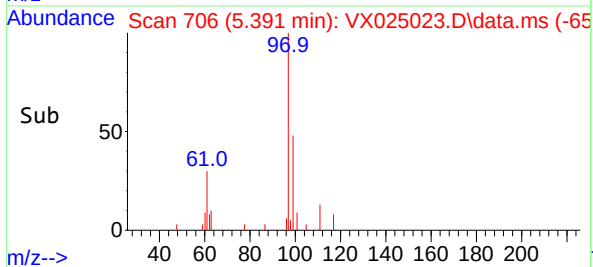
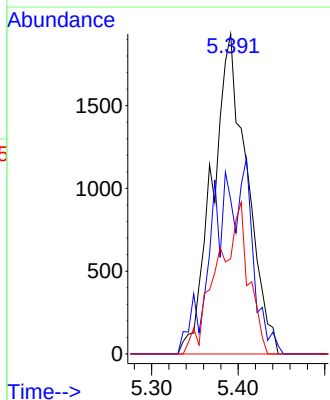
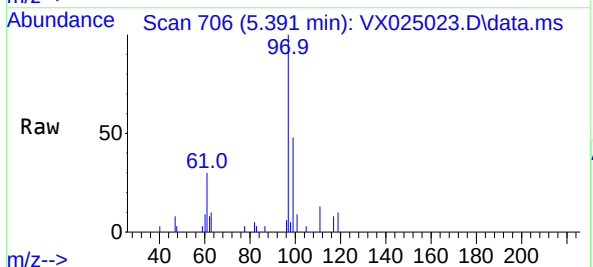
MMDadoda

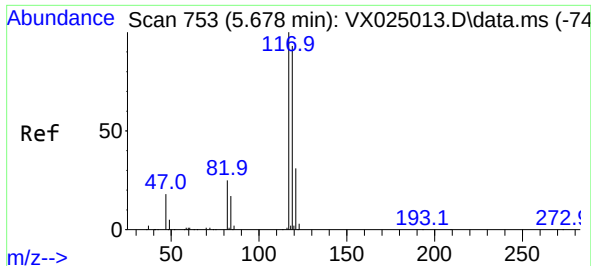
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#30
1,1,1-Trichloroethane
Concen: 2.091 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

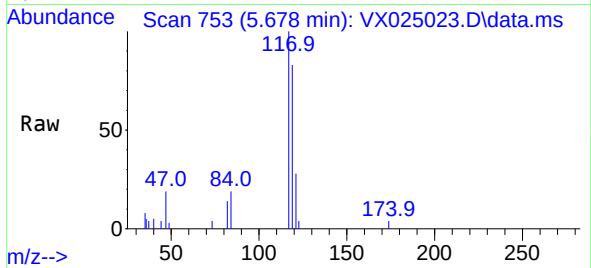
Tgt Ion:	97	Resp:	5369
Ion	Ratio	Lower	Upper
97	100		
99	17.9	53.1	79.7#
61	16.7	26.3	39.5#





#31
Carbon tetrachloride
Concen: 2.190 ug/L m
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Instrument :
MSVOA_X
ClientSampled :
MDL05

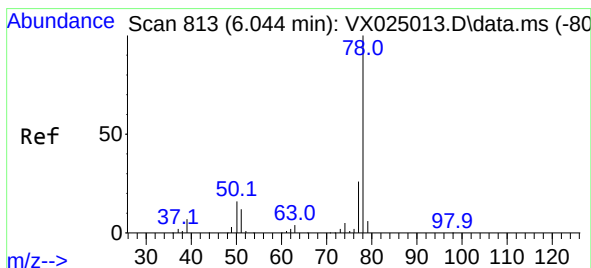
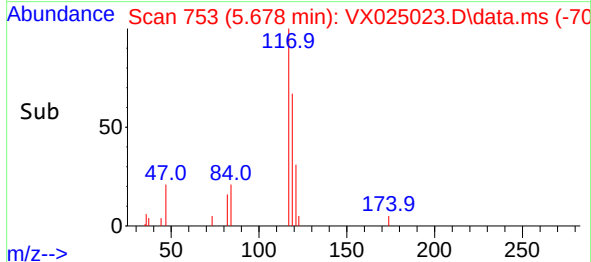
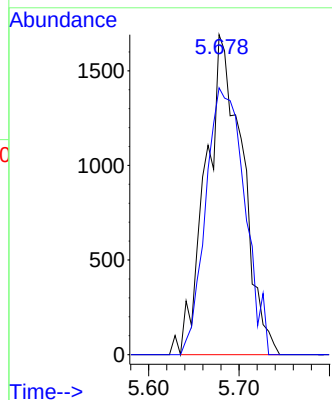


Tgt Ion:117 Resp: 4762
Ion Ratio Lower Upper
117 100
119 88.4 76.0 114.0

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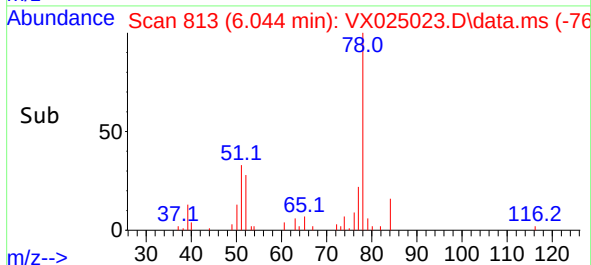
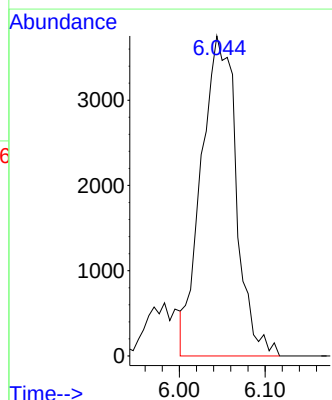
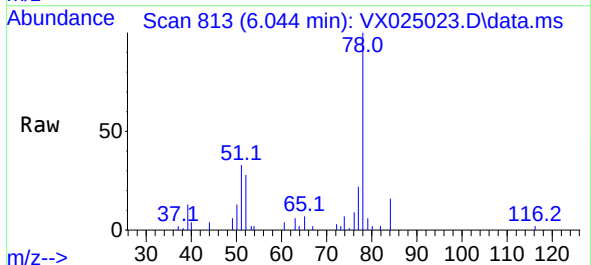
MMDadoda

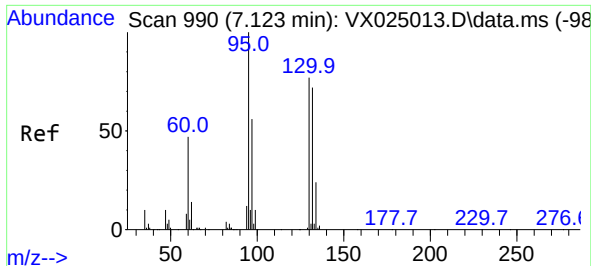
11/2/2021 2:32:53 PM



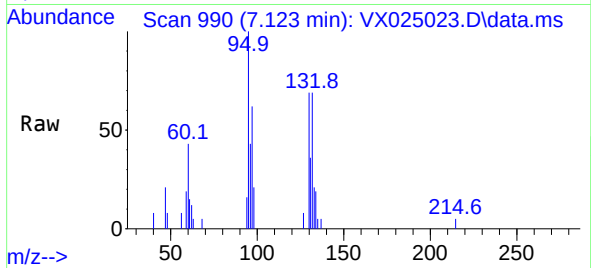
#33
Benzene
Concen: 2.317 ug/L m
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 78 Resp: 10649

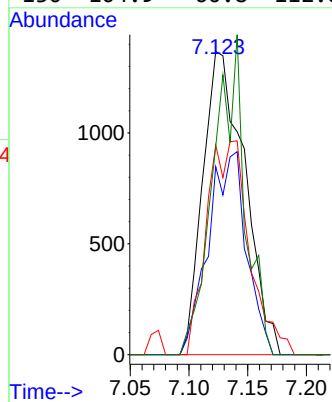




#34
Trichloroethene
Concen: 2.432 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion: 95 Resp: 3371
Ion Ratio Lower Upper
95 100
97 62.0 44.2 82.2
132 69.1 60.1 111.5
130 104.9 60.8 112.8

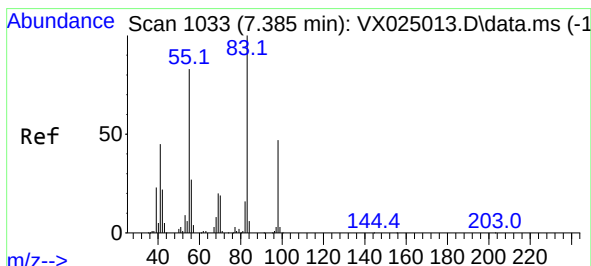
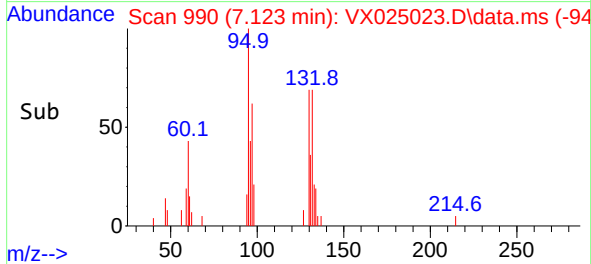


Instrument :
MSVOA_X
ClientSampled :
MDL05

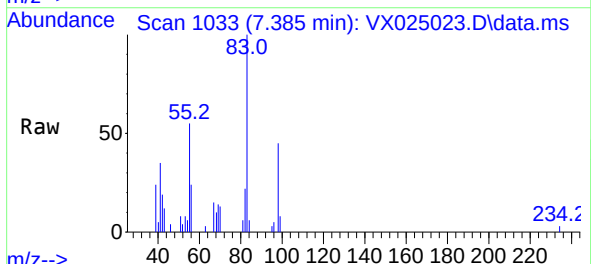
Manual Integrations
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MMDadoda

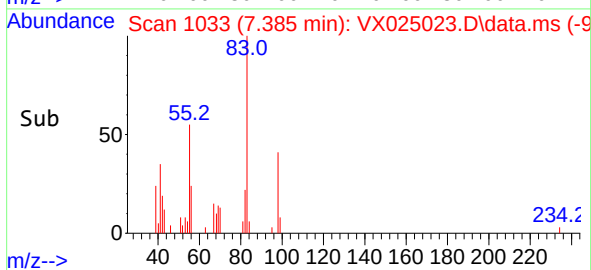
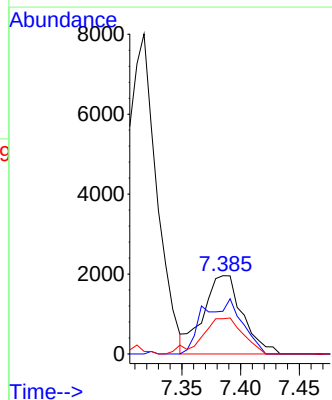
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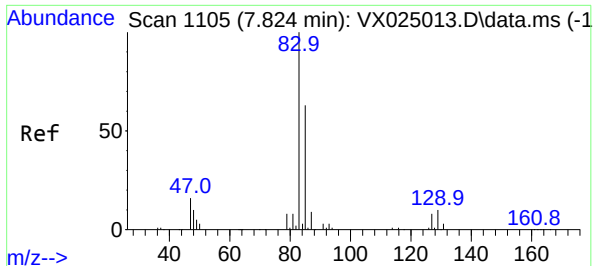


#35
Methylcyclohexane
Concen: 2.277 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion: 83 Resp: 4555
Ion Ratio Lower Upper
83 100
55 38.5 52.6 79.0#
98 44.1 37.9 56.9





#38
Bromodichloromethane
Concen: 2.227 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

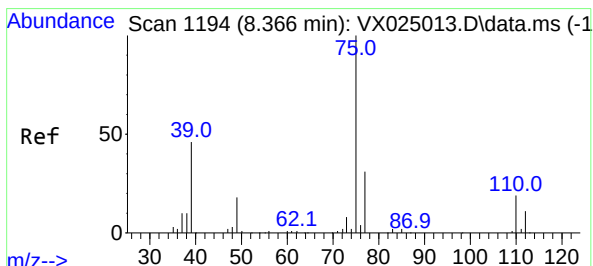
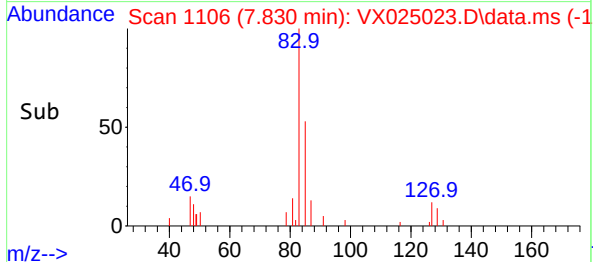
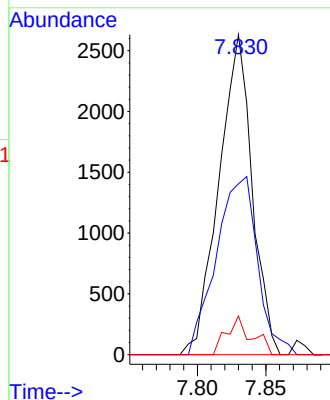
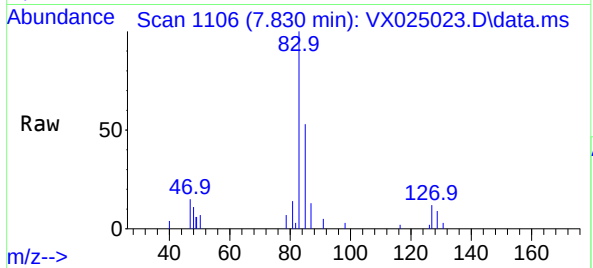
Tgt Ion:	83	Resp:	4449
Ion	Ratio	Lower	Upper
83	100		
85	53.4	46.8	87.0
127	12.1	8.2	12.2

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

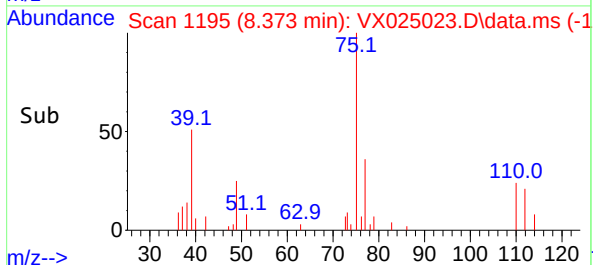
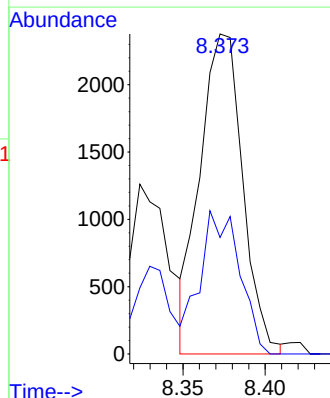
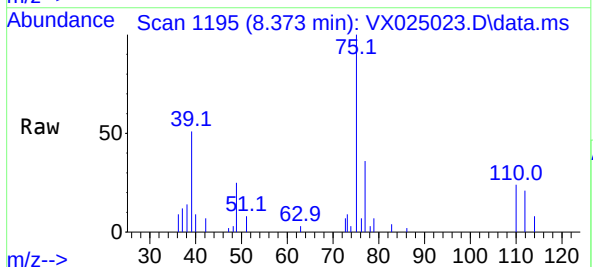
MMDadoda

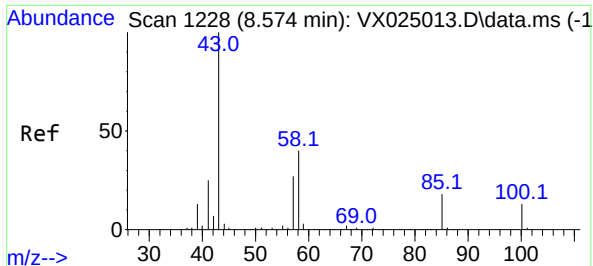
11/2/2021 2:32:53 PM



#39
cis-1,3-Dichloropropene
Concen: 2.020 ug/L
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion:	75	Resp:	4292
Ion	Ratio	Lower	Upper
75	100		
77	36.4	23.1	42.9





#40
4-Methyl-2-pentanone
Concen: 4.203 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

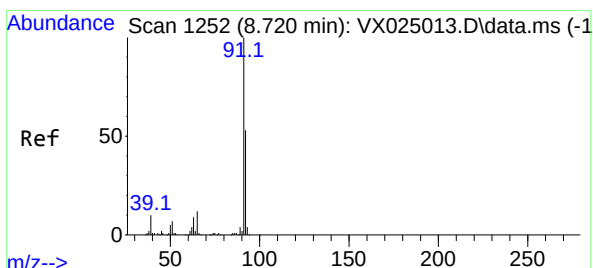
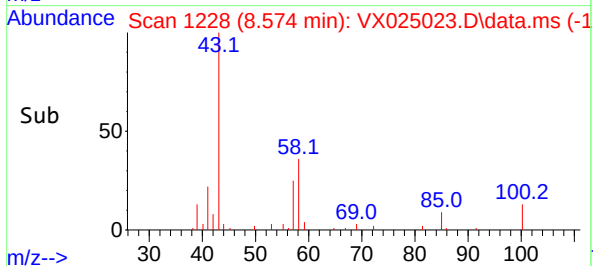
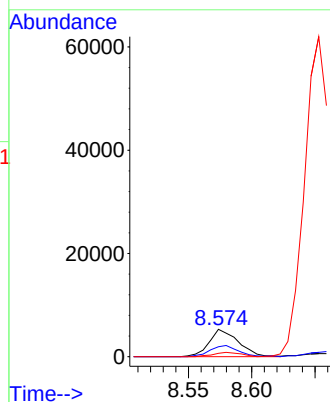
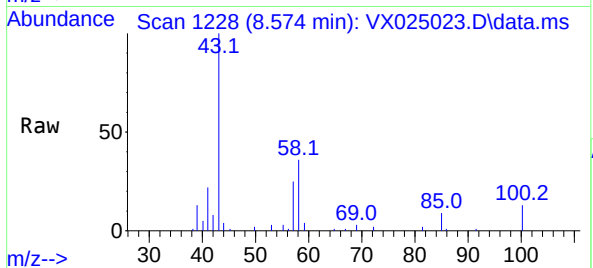
Tgt Ion: 43 Resp: 8534
Ion Ratio Lower Upper
43 100
58 39.2 41.3 61.9#
100 14.8 19.6 29.4#

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

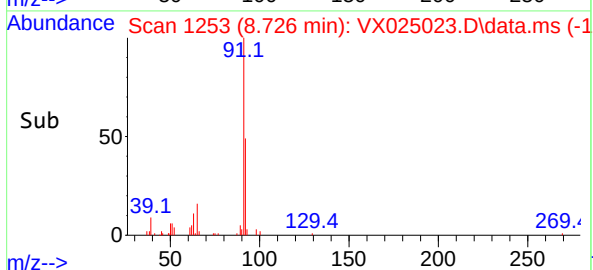
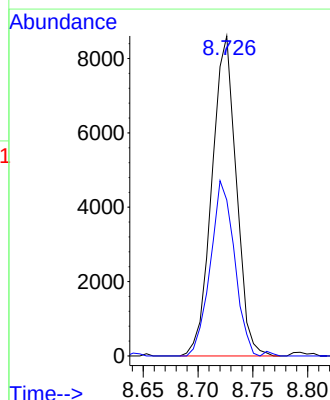
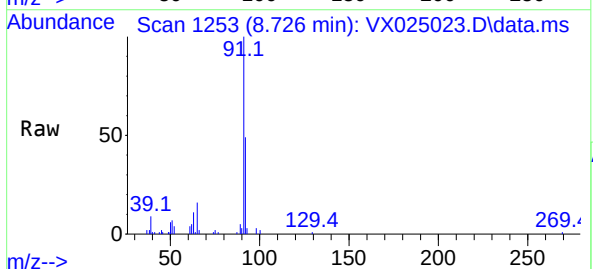
MMDadoda

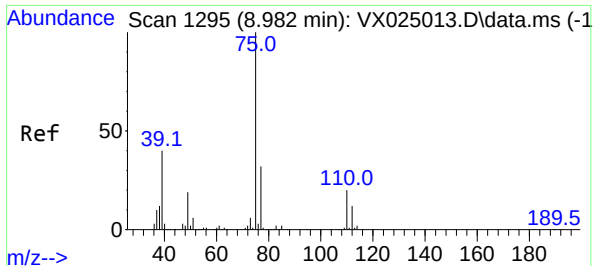
11/2/2021 2:32:53 PM



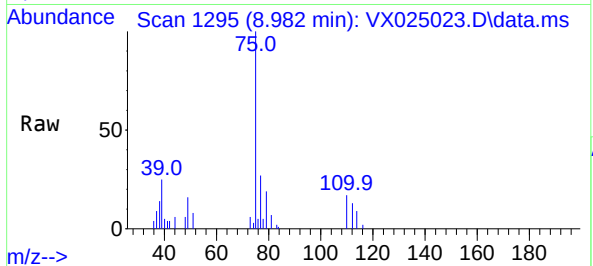
#42
Toluene
Concen: 2.647 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 91 Resp: 13310
Ion Ratio Lower Upper
91 100
92 48.7 39.3 72.9

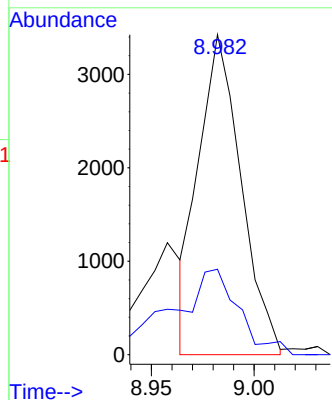




#44
trans-1,3-Dichloropropene
Concen: 2.251 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion: 75 Resp: 4924
Ion Ratio Lower Upper
75 100
77 26.7 23.4 43.6

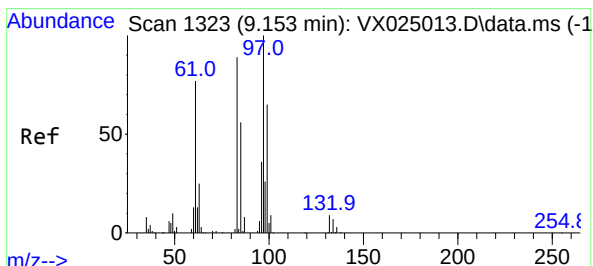
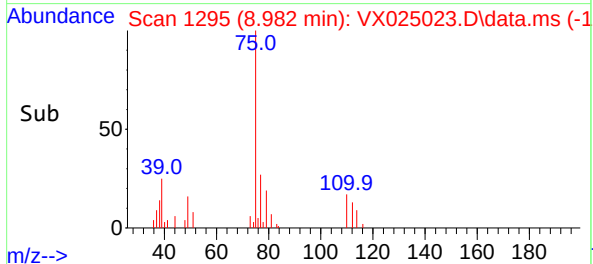


Instrument :
MSVOA_X
ClientSampled :
MDL05

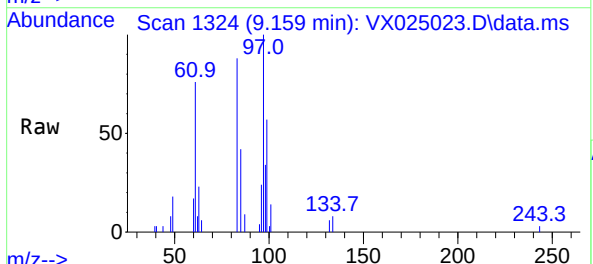
Manual Integrations
APPROVED

MMDadoda

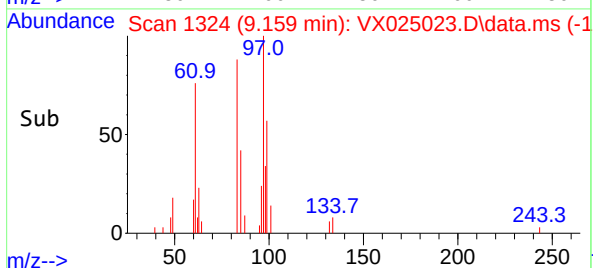
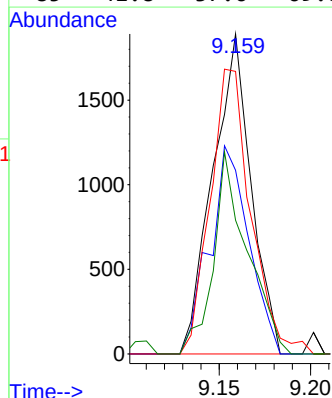
11/2/2021 2:32:53 PM

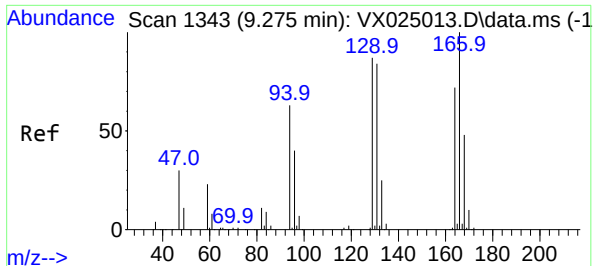


#45
1,1,2-Trichloroethane
Concen: 2.255 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

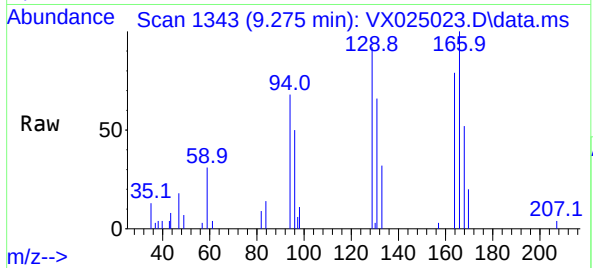


Tgt Ion: 97 Resp: 2760
Ion Ratio Lower Upper
97 100
99 57.4 43.5 80.7
83 88.3 58.2 108.0
85 41.8 37.6 69.8

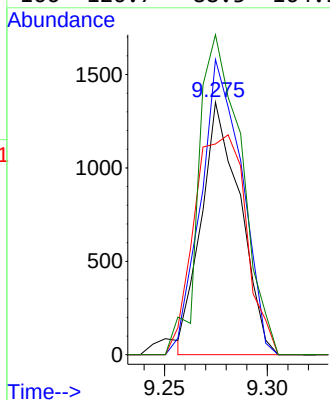




#46
Tetrachloroethene
Concen: 2.053 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion:164 Resp: 1777
Ion Ratio Lower Upper
164 100
129 116.9 78.5 145.7
131 83.4 70.5 130.9
166 126.7 88.3 164.1

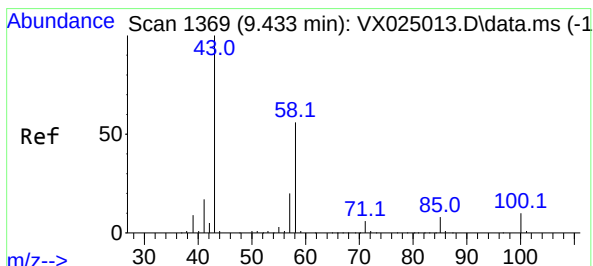
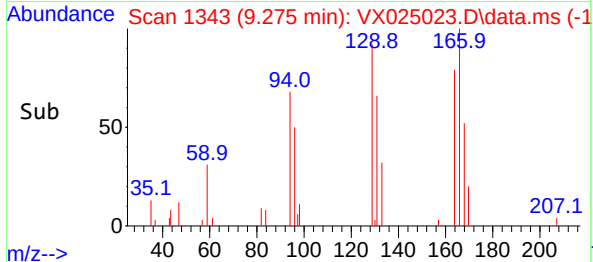


Instrument :
MSVOA_X
ClientSampled :
MDL05

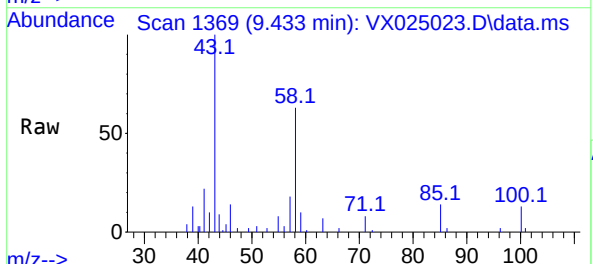
Manual Integrations
APPROVED

MMDadoda

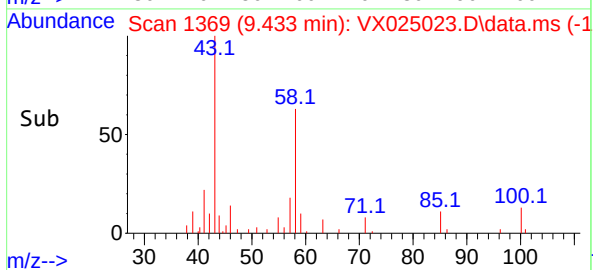
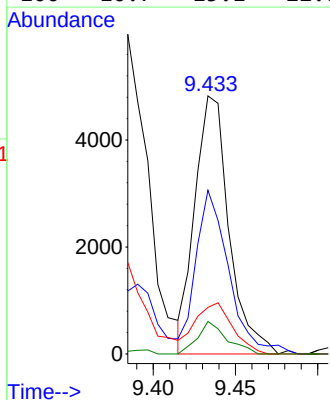
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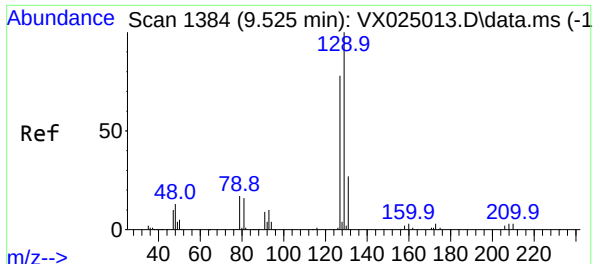


#48
2-Hexanone
Concen: 4.150 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion: 43 Resp: 6964
Ion Ratio Lower Upper
43 100
58 59.9 56.0 84.0
57 21.8 20.4 30.6
100 10.7 15.1 22.7#





#49

Dibromochloromethane

Concen: 2.226 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025023.D

Acq: 29 Oct 2021 17:06

Tgt Ion:129 Resp: 3067

Ion Ratio Lower Upper

129 100

127 86.5 54.1 100.5

Instrument :

MSVOA_X

ClientSampled :

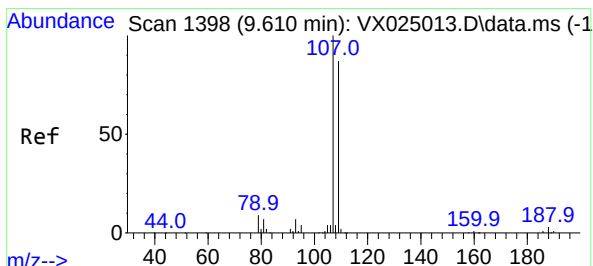
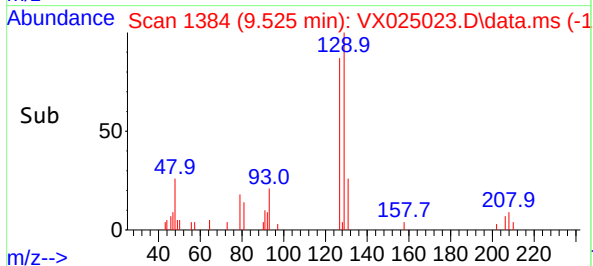
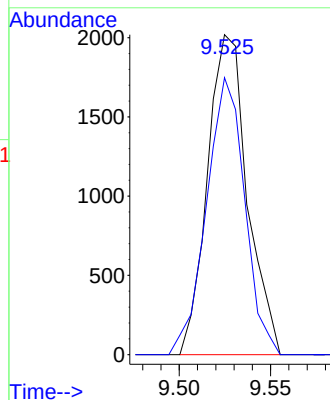
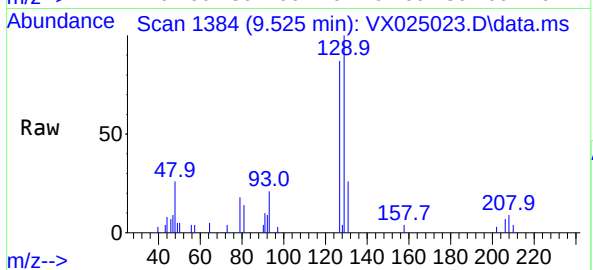
MDL05

Manual Integrations

APPROVED

MMDadoda

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#50

1,2-Dibromoethane

Concen: 2.288 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX025023.D

Acq: 29 Oct 2021 17:06

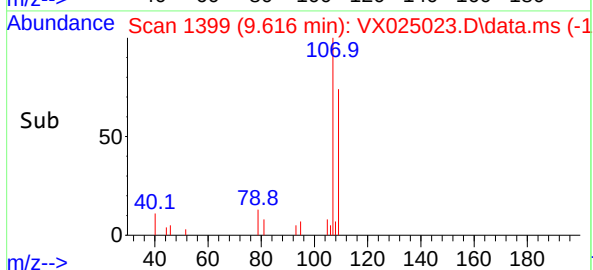
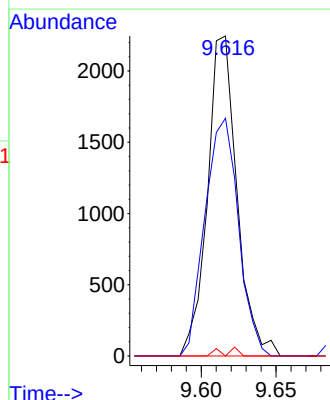
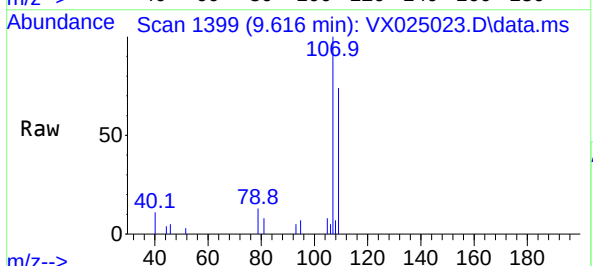
Tgt Ion:107 Resp: 3090

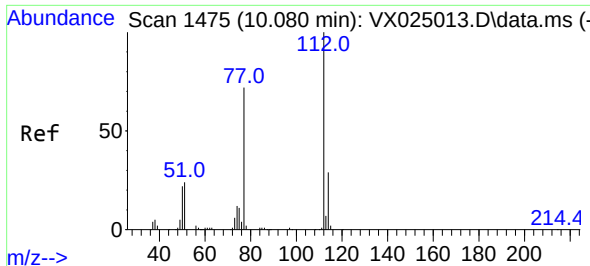
Ion Ratio Lower Upper

107 100

109 74.3 63.8 118.6

188 0.0 2.2 3.2#





#51
Chlorobenzene
Concen: 2.400 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

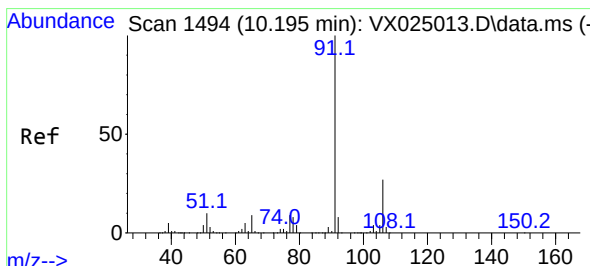
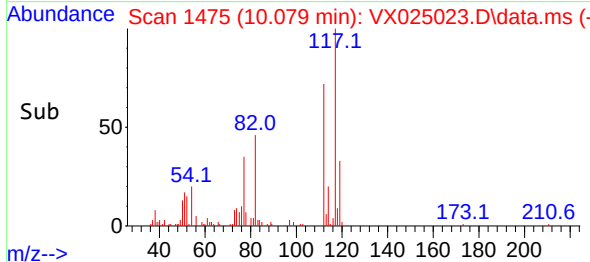
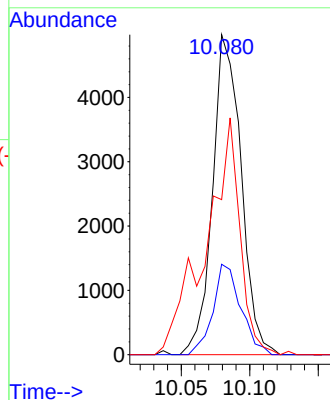
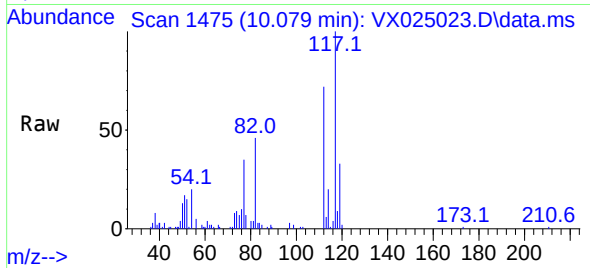
Tgt Ion: 112 Resp: 7216
Ion Ratio Lower Upper
112 100
114 28.2 22.7 42.3
77 48.5 46.8 70.2

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

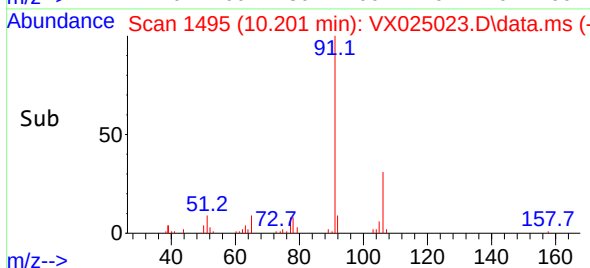
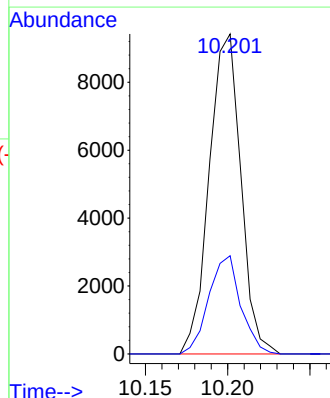
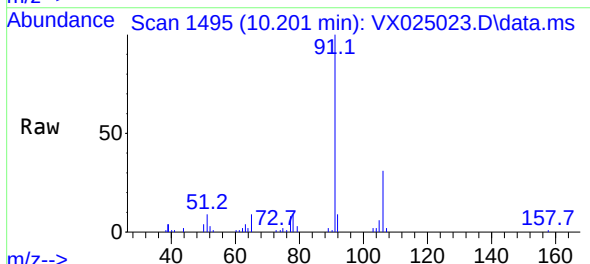
MMDadoda

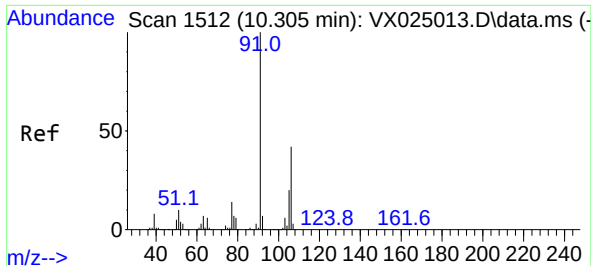
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#52
Ethylbenzene
Concen: 2.172 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 91 Resp: 12602
Ion Ratio Lower Upper
91 100
106 30.7 20.2 37.6





#53
m,p-Xylene
Concen: 2.108 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

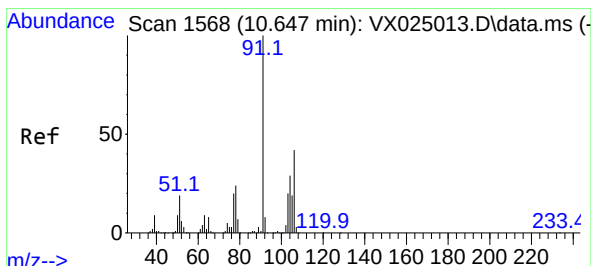
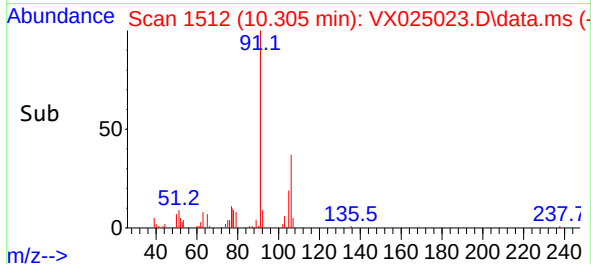
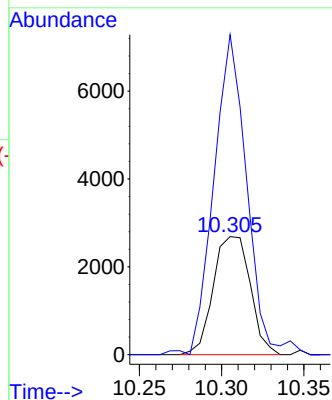
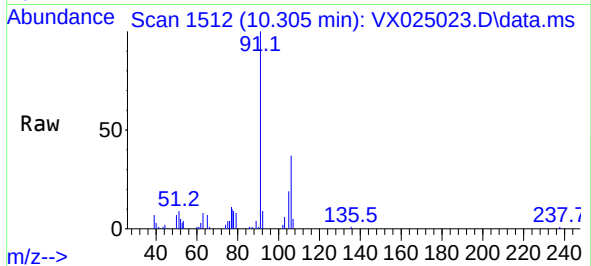
Tgt Ion:106 Resp: 4208
Ion Ratio Lower Upper
106 100
91 270.9 160.2 297.6

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

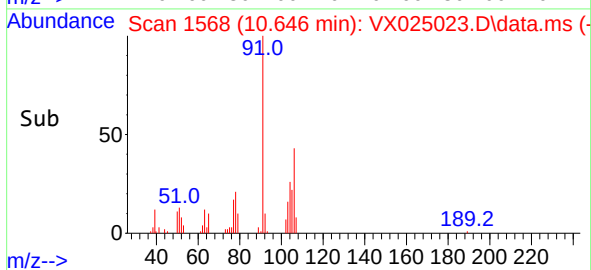
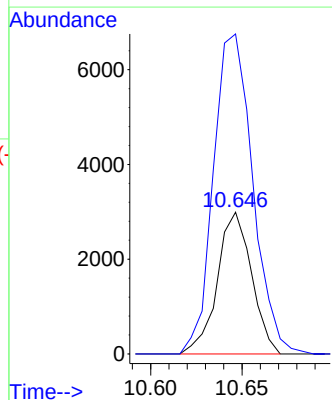
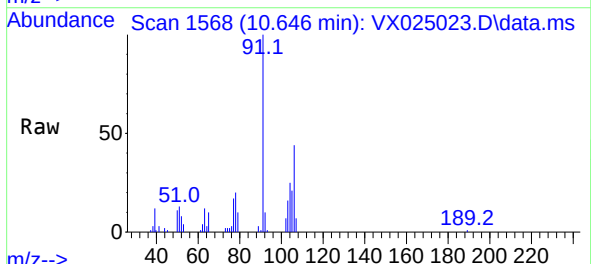
MMDadoda

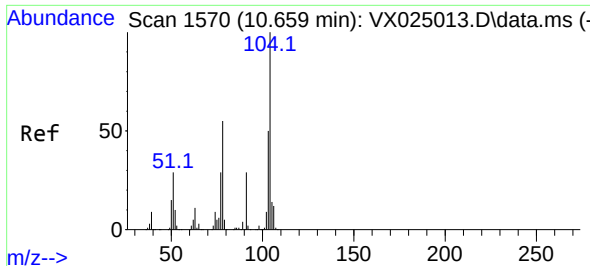
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#54
o-Xylene
Concen: 2.004 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion:106 Resp: 3910
Ion Ratio Lower Upper
106 100
91 225.7 164.4 305.4





#55
Styrene
Concen: 2.000 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

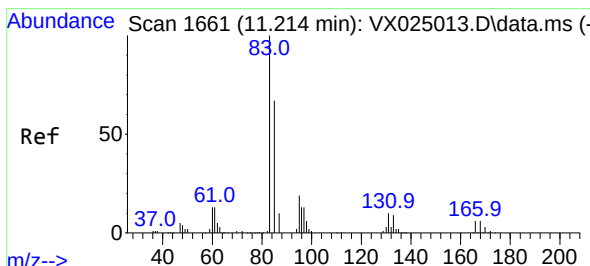
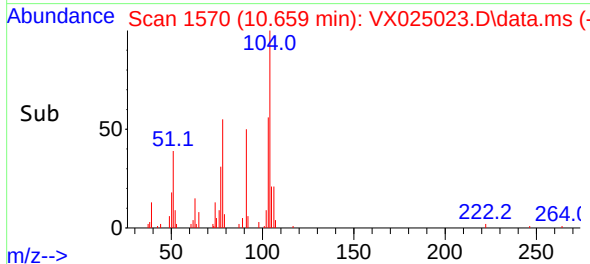
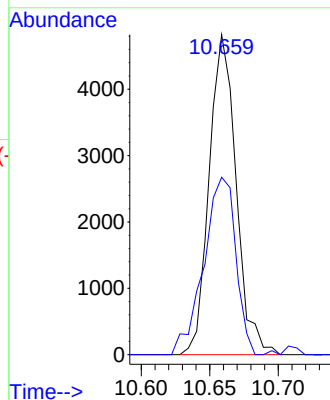
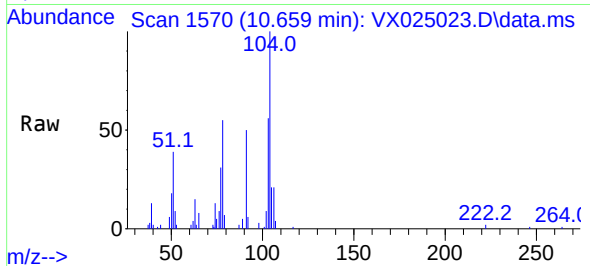
Tgt Ion:104 Resp: 6601
Ion Ratio Lower Upper
104 100
78 55.5 38.2 71.0

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED

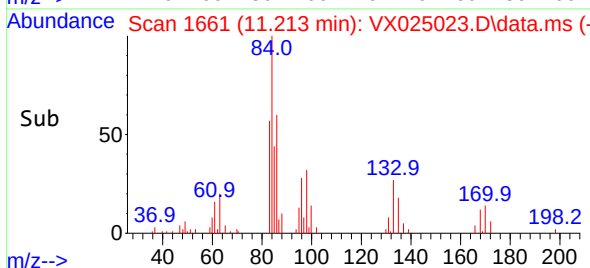
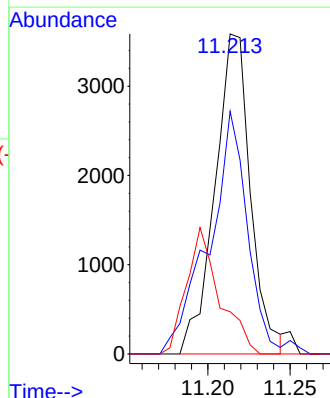
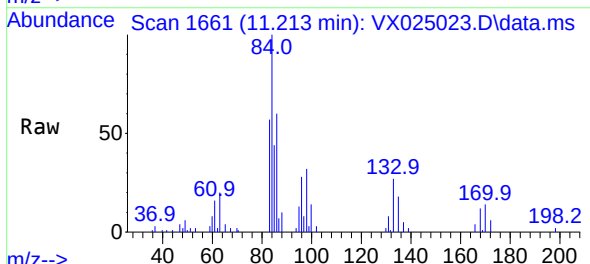
MMDadoda

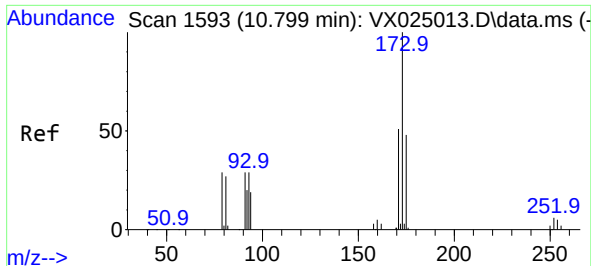
11/2/2021 2:32:53 PM



#57
1,1,2,2-Tetrachloroethane
Concen: 2.743 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

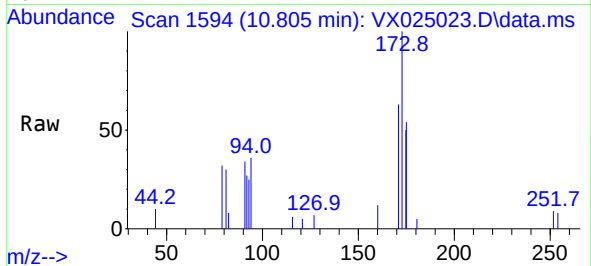
Tgt Ion: 83 Resp: 5402
Ion Ratio Lower Upper
83 100
85 75.8 46.9 87.1
131 15.6 8.7 13.1#





#59
Bromoform
Concen: 2.020 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Instrument :
MSVOA_X
ClientSampled :
MDL05

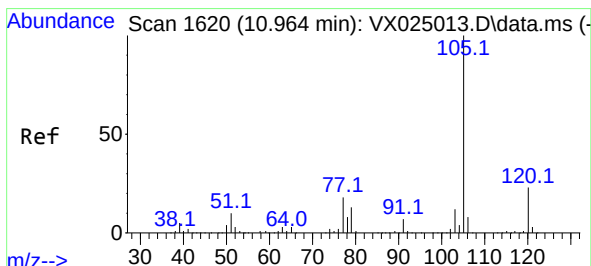
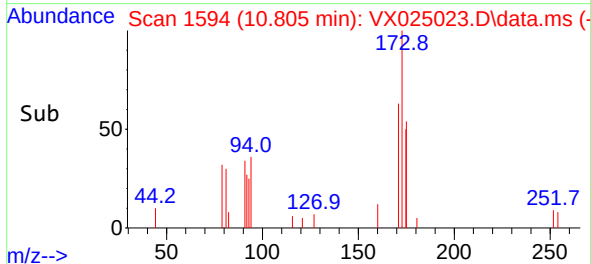
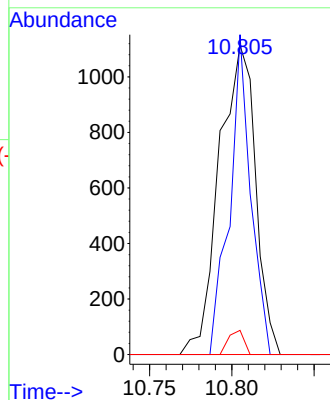


Tgt Ion:173 Resp: 1707
Ion Ratio Lower Upper
173 100
175 60.2 36.6 55.0#
254 3.3 4.9 7.3#

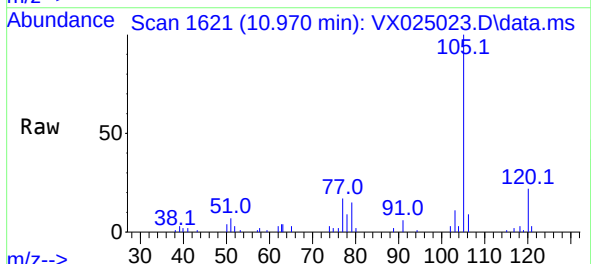
Manual Integrations
APPROVED

MMDadoda

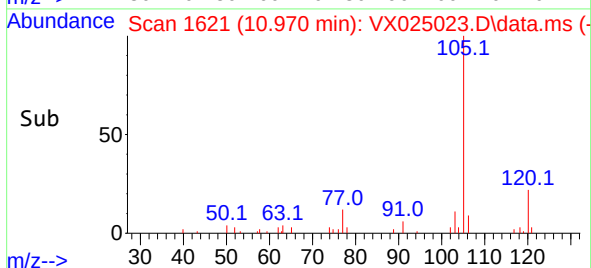
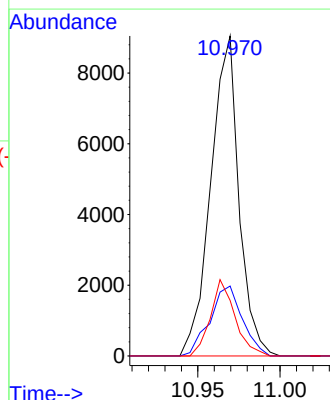
11/2/2021 2:32:53 PM

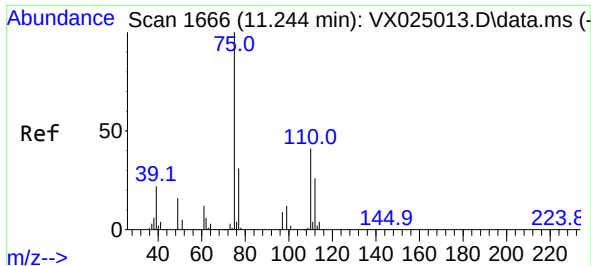


#60
Isopropylbenzene
Concen: 2.058 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion:105 Resp: 10762
Ion Ratio Lower Upper
105 100
120 25.3 19.8 29.6
77 20.9 13.2 19.8#





#61
1,2,3-Trichloropropane
Concen: 2.453 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

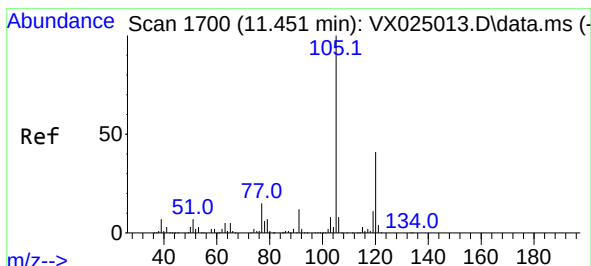
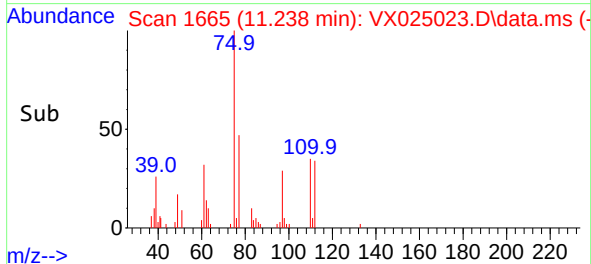
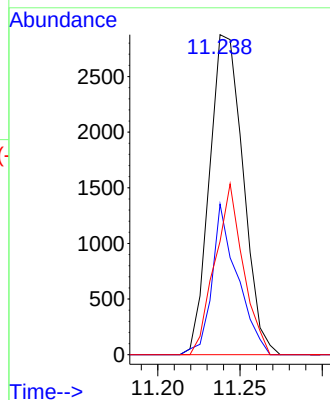
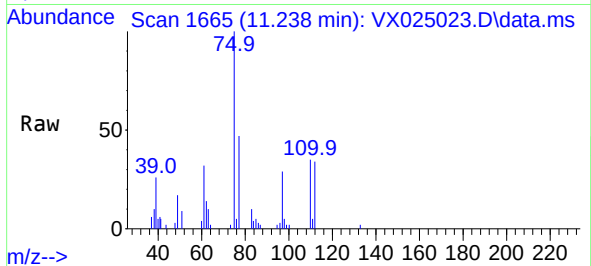
Tgt Ion: 75	Resp: 4099
Ion Ratio	Lower Upper
75 100	
77 35.4	26.6 39.8
110 44.7	37.2 55.8

Instrument :
MSVOA_X
ClientSampled :
MDL05

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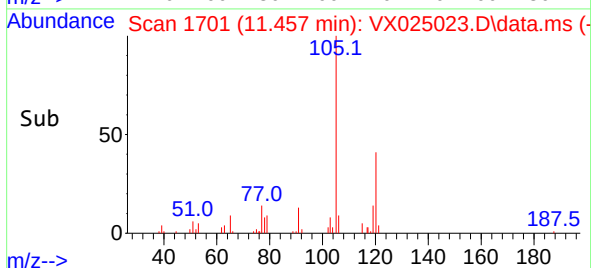
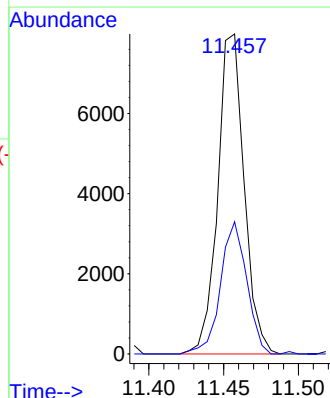
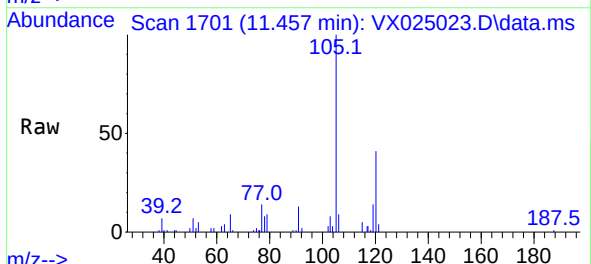
MMDadoda

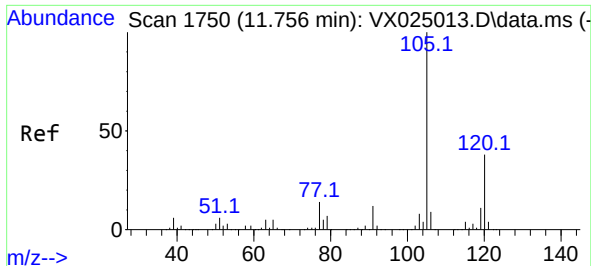
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#62
1,3,5-Trimethylbenzene
Concen: 2.166 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion: 105	Resp: 9810
Ion Ratio	Lower Upper
105 100	
120 41.0	34.4 51.6





#63
1,2,4-Trimethylbenzene
Concen: 2.191 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

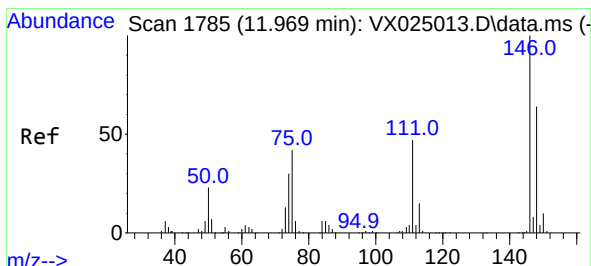
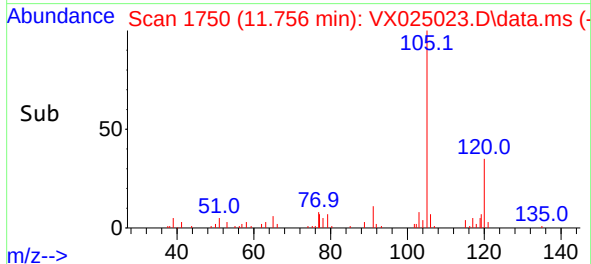
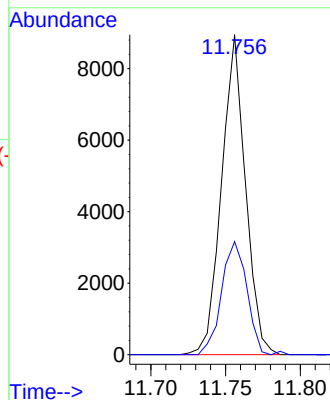
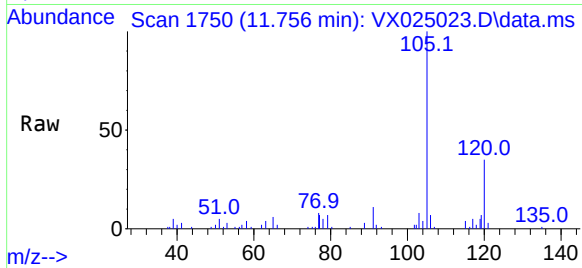
Tgt Ion:105 Resp: 9948
Ion Ratio Lower Upper
105 100
120 37.3 31.0 46.6

Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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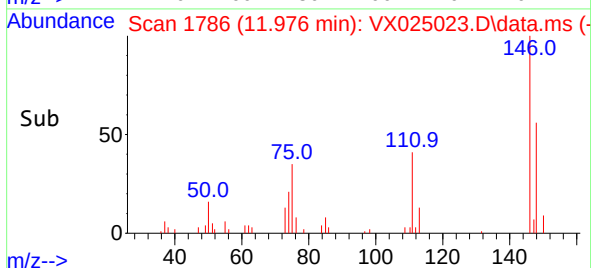
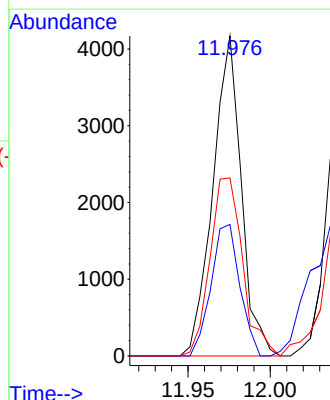
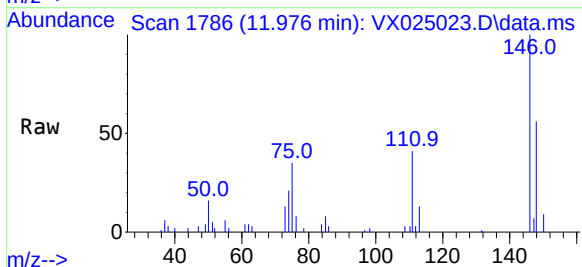
MMDadoda

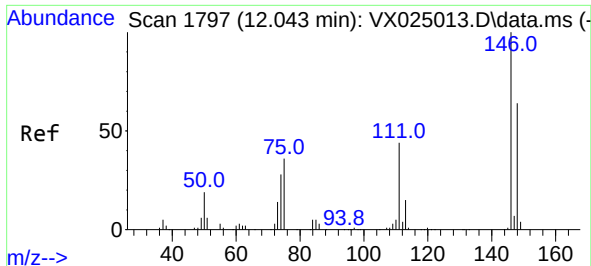
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#64
1,3-Dichlorobenzene
Concen: 2.461 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion:146 Resp: 5009
Ion Ratio Lower Upper
146 100
111 41.1 31.1 57.9
148 55.6 43.2 80.2





#65
1,4-Dichlorobenzene
Concen: 2.282 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

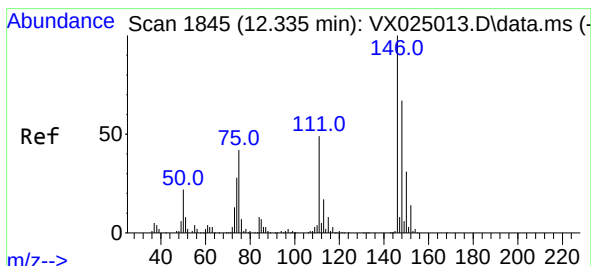
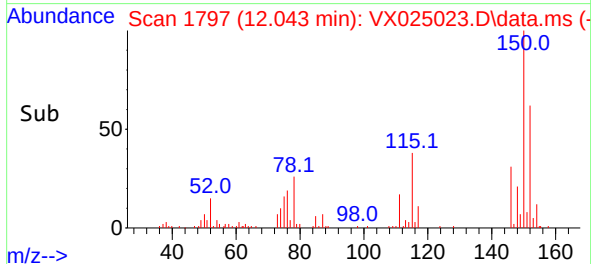
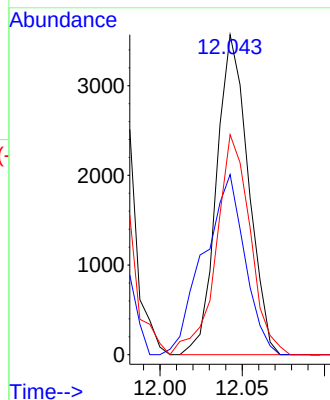
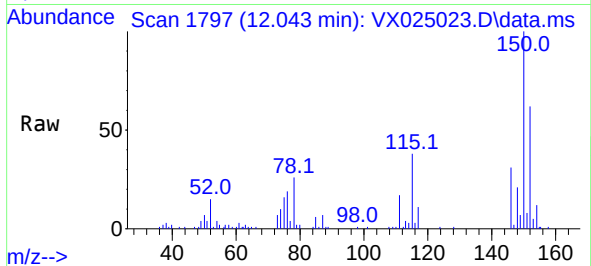
Tgt Ion:146 Resp: 4802
Ion Ratio Lower Upper
146 100
111 56.3 31.8 59.0
148 68.8 46.1 85.5

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Manual Integrations
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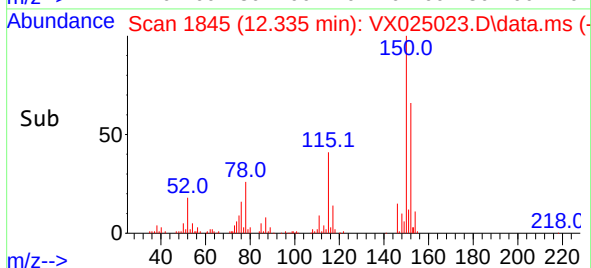
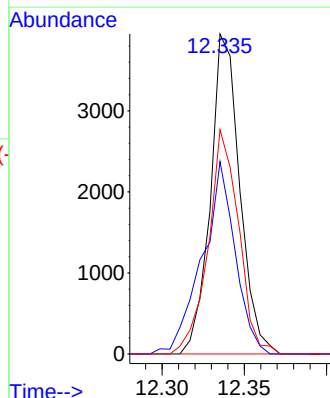
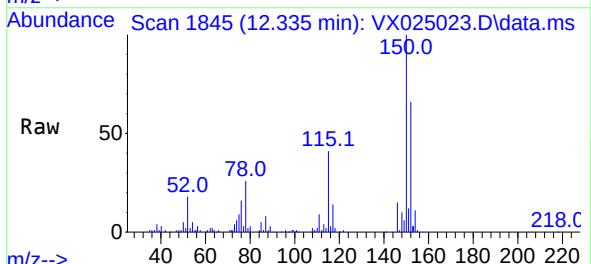
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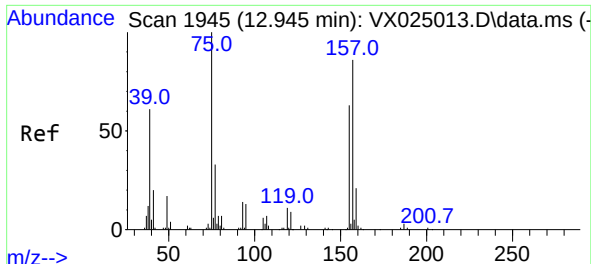
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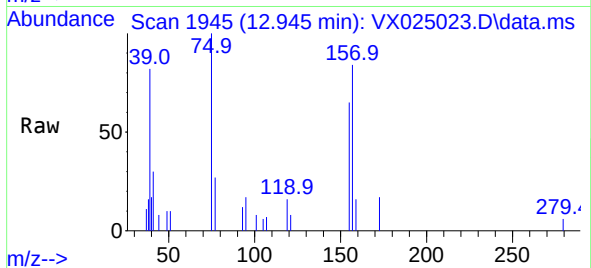
#67
1,2-Dichlorobenzene
Concen: 2.352 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06

Tgt Ion:146 Resp: 4890
Ion Ratio Lower Upper
146 100
111 60.1 38.5 57.7#
148 70.1 53.2 79.8

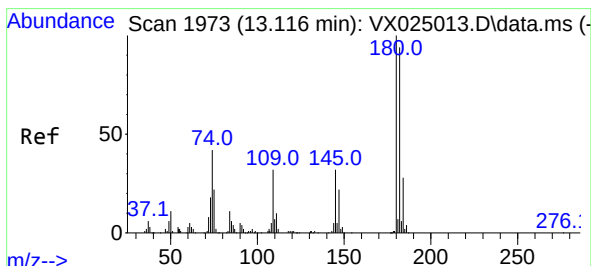
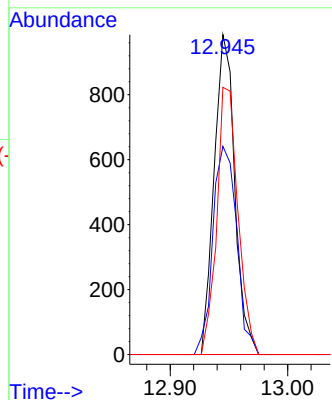
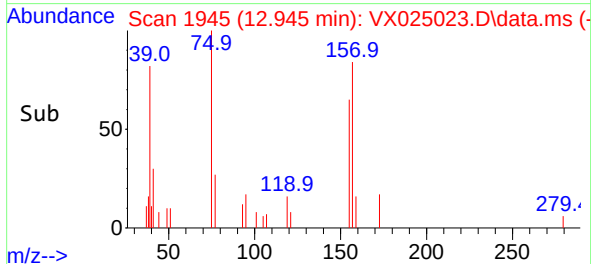




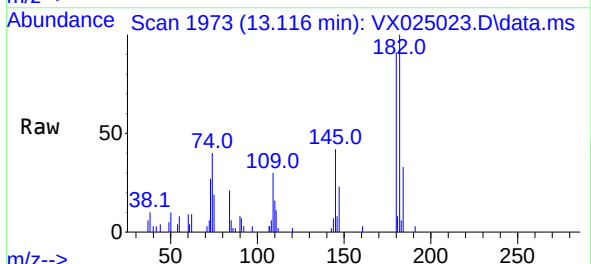
#68
1,2-Dibromo-3-chloropropane
Concen: 2.198 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



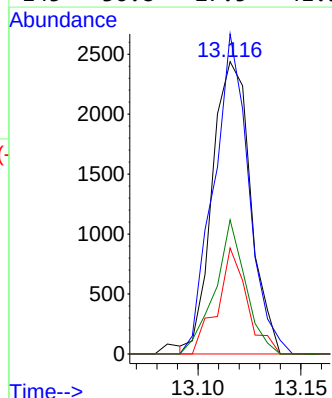
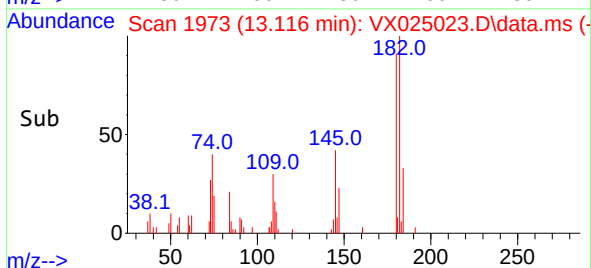
Tgt Ion: 75 Resp: 1198
Ion Ratio Lower Upper
75 100
155 65.1 59.3 88.9
157 83.6 68.7 103.1



#69
1,3,5-Trichlorobenzene
Concen: 2.160 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion: 180 Resp: 3157
Ion Ratio Lower Upper
180 100
182 100.4 74.2 111.4
184 28.0 23.7 35.5
145 36.8 27.5 41.3

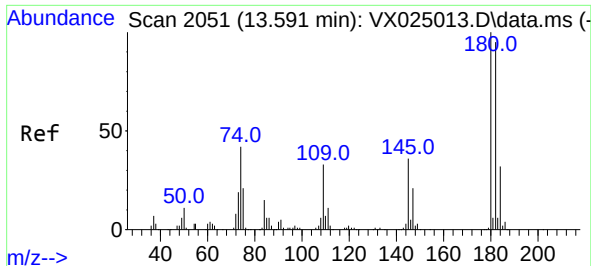


Instrument :
MSVOA_X
ClientSampleId :
MDL05

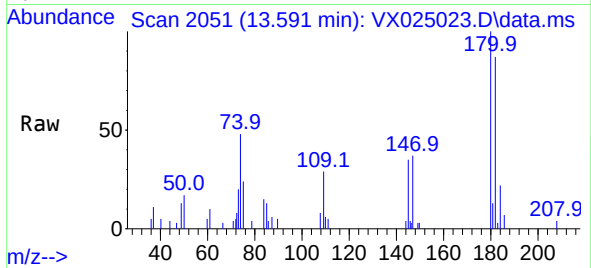
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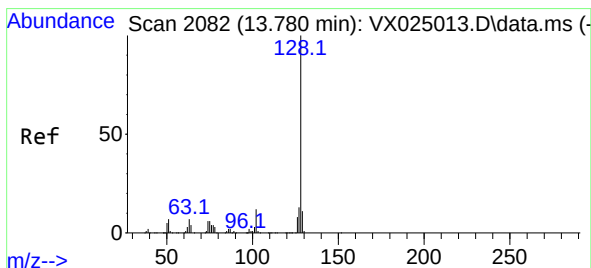
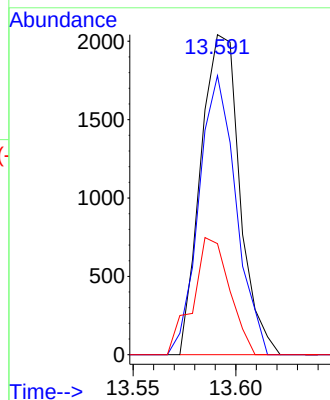
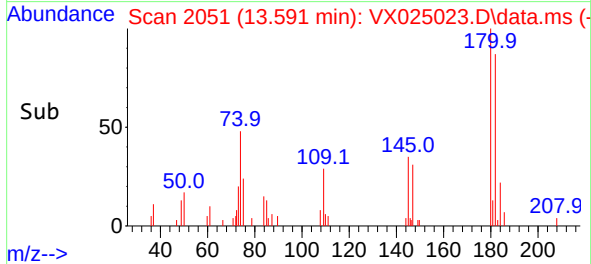
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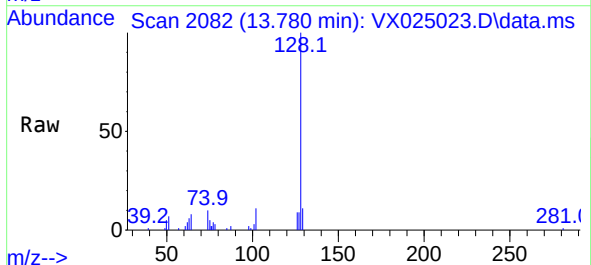
#70
1,2,4-trichlorobenzene
Concen: 2.178 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



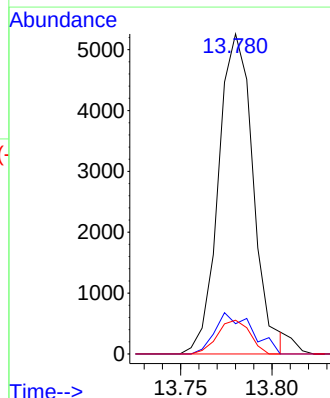
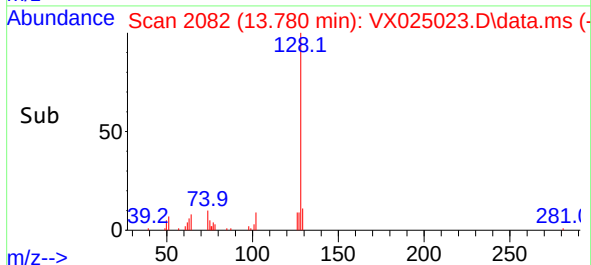
Tgt Ion:180 Resp: 2698
Ion Ratio Lower Upper
180 100
182 82.9 76.4 114.6
145 34.5 28.8 43.2



#71
Naphthalene
Concen: 1.618 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025023.D
Acq: 29 Oct 2021 17:06



Tgt Ion:128 Resp: 6935
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 9.9 9.1 13.7

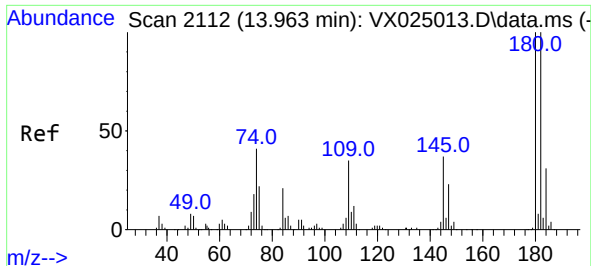


Instrument :
MSVOA_X
ClientSampled :
MDL05

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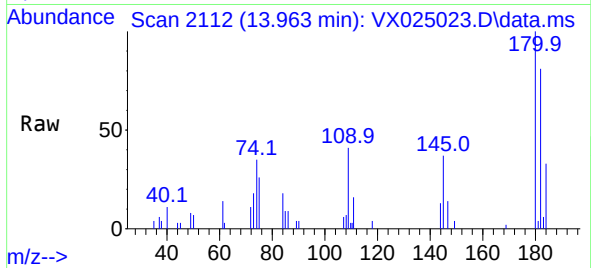
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#72
 1,2,3-Trichlorobenzene
 Concen: 2.083 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX025023.D
 Acq: 29 Oct 2021 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05



Tgt Ion:	180	Resp:	2654
Ion	Ratio	Lower	Upper
180	100		
182	85.3	73.3	109.9
145	42.1	29.0	43.4

Manual Integrations
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