

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025007.D
 Acq On : 28 Oct 2021 15:30
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
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 11/1/2021 12:58:54 PM

Quant Time: Oct 29 07:13:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	155571	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	142386	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49876	50.294	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	100.580%	
7) Chloroethane-d5	1.672	69	35500	52.371	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.740%	
11) 1,1-Dichloroethene-d2	2.306	63	91900	37.607	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.220%	
21) 2-Butanone-d5	4.471	46	104794	105.795	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.800%	
24) Chloroform-d	5.062	84	129621	49.954	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.900%	
26) 1,2-Dichloroethane-d4	5.964	65	98874	51.961	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.920%	
32) Benzene-d6	5.983	84	201550	49.871	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.740%	
36) 1,2-Dichloropropane-d6	7.312	67	70324	51.060	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	102.120%	
41) Toluene-d8	8.653	98	193281	49.989	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.980%	
43) trans-1,3-Dichloroprop...	8.952	79	39741	50.210	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	100.420%	
47) 2-Hexanone-d5	9.391	63	75216	107.262	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	107.260%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	95765	51.420	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	102.840%	
66) 1,2-Dichlorobenzene-d4	12.323	152	63576	52.135	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	104.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3054	2.091	ug/L	94
3) Chloromethane	1.288	50	2297	2.262	ug/L	82
5) Vinyl chloride	1.374	62	2620	2.293	ug/L #	78
6) Bromomethane	1.618	94	1757	2.390	ug/L	87
8) Chloroethane	1.691	64	1558	2.699	ug/L #	63
9) Trichlorofluoromethane	1.892	101	5043	1.989	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2922m	2.540	ug/L	
12) 1,1-Dichloroethene	2.325	96	2524	2.608	ug/L #	1
13) Acetone	2.404	43	3919m	4.162	ug/L	
14) Carbon disulfide	2.514	76	5250	2.002	ug/L #	89
15) Methyl Acetate	2.709	43	3355	2.465	ug/L #	61
16) Methylene chloride	2.788	84	2931	2.675	ug/L	88
17) trans-1,2-Dichloroethene	3.087	96	1901m	1.919	ug/L	
18) Methyl tert-butyl Ether	3.117	73	8408	2.055	ug/L #	87
19) 1,1-Dichloroethane	3.617	63	4741	2.059	ug/L #	86
20) cis-1,2-Dichloroethene	4.495	96	2477	2.213	ug/L #	52
22) 2-Butanone	4.587	43	4632m	3.997	ug/L	
23) Bromochloromethane	4.916	128	1023m	1.829	ug/L	
25) Chloroform	5.099	83	6042	2.358	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	5012m	2.213	ug/L	
29) Cyclohexane	5.489	56	3768m	1.952	ug/L	
30) 1,1,1-Trichloroethane	5.397	97	5146	2.089	ug/L #	65
31) Carbon tetrachloride	5.684	117	4024m	1.929	ug/L	
33) Benzene	6.050	78	8567m	1.943	ug/L	
34) Trichloroethene	7.129	95	2409	1.811	ug/L	88
35) Methylcyclohexane	7.379	83	3877	2.020	ug/L #	84
37) 1,2-Dichloropropane	7.427	63	2745	2.189	ug/L #	85
38) Bromodichloromethane	7.830	83	3628	1.893	ug/L #	72
39) cis-1,3-Dichloropropene	8.372	75	3673	1.802	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	8142	4.180	ug/L #	82
42) Toluene	8.726	91	12159	2.521	ug/L	89
44) trans-1,3-Dichloropropene	8.988	75	4646m	2.214	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	2334	1.988	ug/L	89
46) Tetrachloroethene	9.275	164	1729	2.083	ug/L #	71
48) 2-Hexanone	9.433	43	7031	4.368	ug/L #	84
49) Dibromochloromethane	9.519	129	2285	1.729	ug/L	84
50) 1,2-Dibromoethane	9.610	107	2725	2.104	ug/L #	93
51) Chlorobenzene	10.079	112	5531	1.917	ug/L #	76
52) Ethylbenzene	10.195	91	10707	1.923	ug/L	98
53) m,p-Xylene	10.305	106	3574	1.867	ug/L	86
54) o-Xylene	10.646	106	3133	1.674	ug/L	76
55) Styrene	10.659	104	5706	1.802	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	4279	2.265	ug/L #	88
59) Bromoform	10.799	173	1242	1.605	ug/L #	79
60) Isopropylbenzene	10.963	105	9744	2.034	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	3360	2.195	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.457	105	7605	1.833	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	8145	1.958	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	3663	1.965	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	3930	2.039	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	4021	2.112	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.951	75	1076	2.156	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	2700	2.017	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	1848	1.628	ug/L	97
71) Naphthalene	13.780	128	4749	1.210	ug/L	96
72) 1,2,3-Trichlorobenzene	13.963	180	2171	1.860	ug/L	96

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

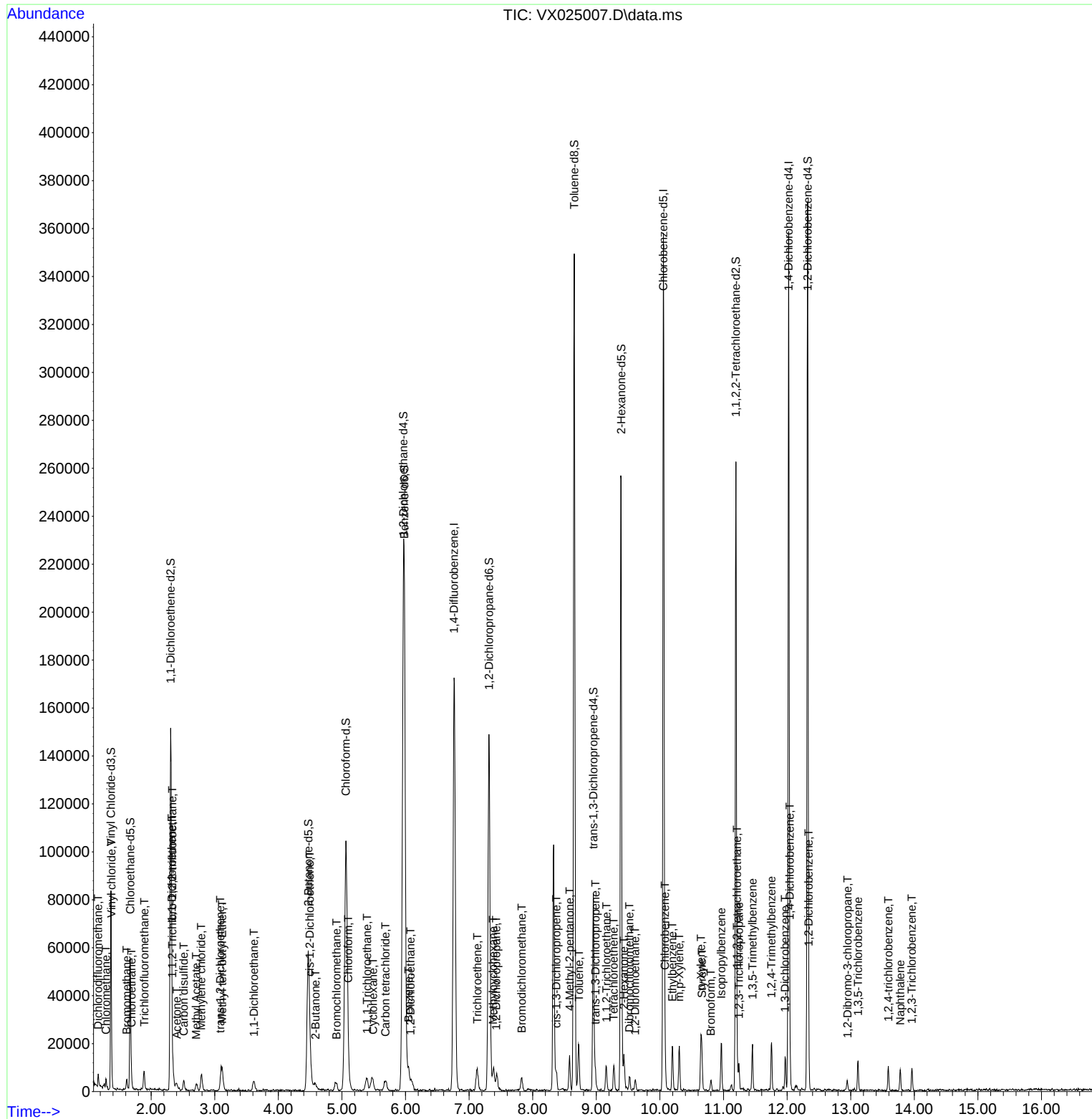
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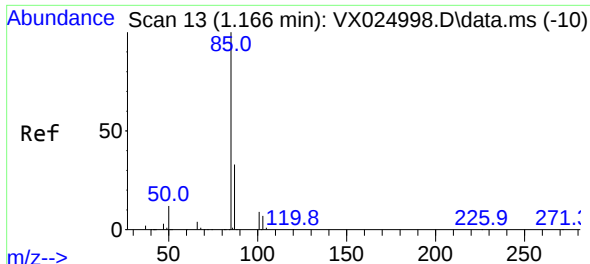
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ClientSampleId :
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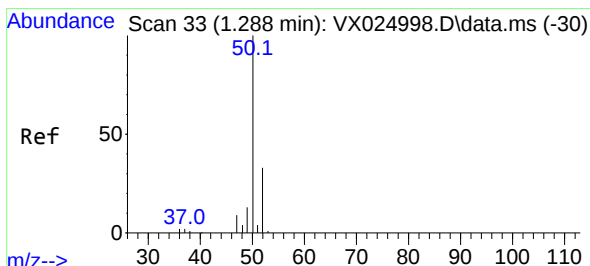
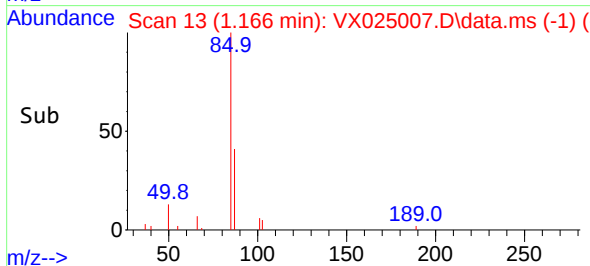
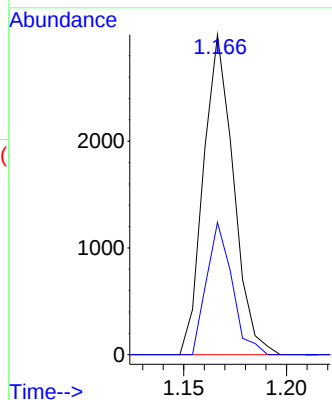
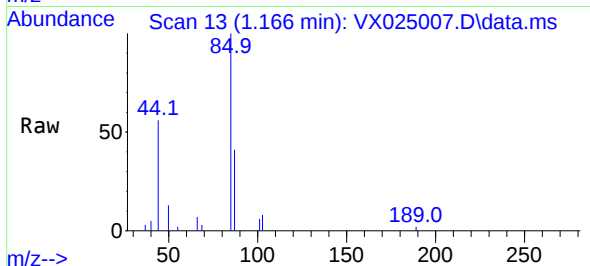
#2
 Dichlorodifluoromethane
 Concen: 2.091 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX025007.D
 Acq: 28 Oct 2021 15:30

Tgt Ion: 85 Resp: 3054
 Ion Ratio Lower Upper
 85 100
 87 35.0 25.3 37.9

Instrument :
 MSVOA_X
 ClientSampled :
 MDL01

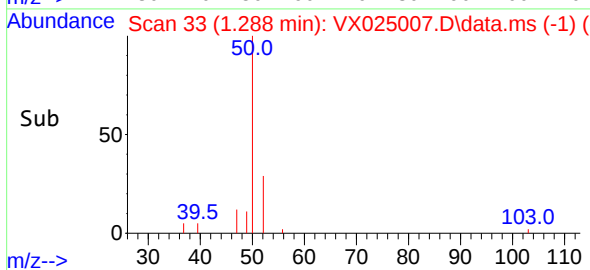
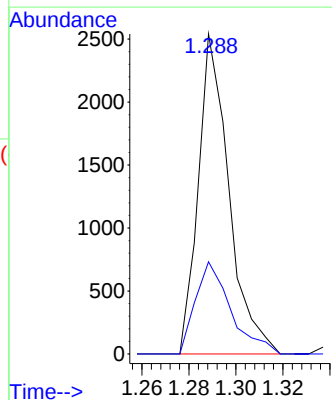
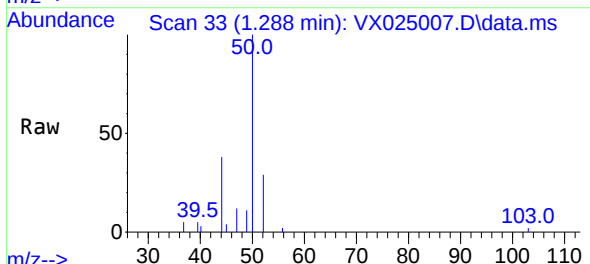
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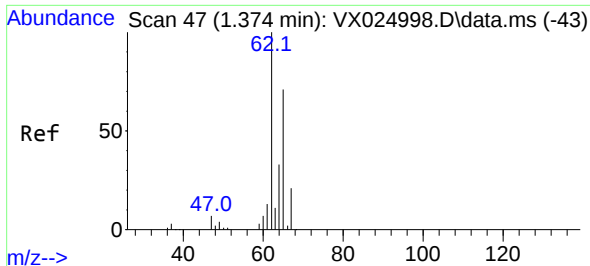
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#3
 Chloromethane
 Concen: 2.262 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX025007.D
 Acq: 28 Oct 2021 15:30

Tgt Ion: 50 Resp: 2297
 Ion Ratio Lower Upper
 50 100
 52 28.8 28.0 52.0





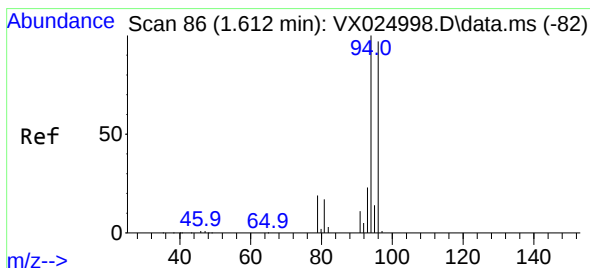
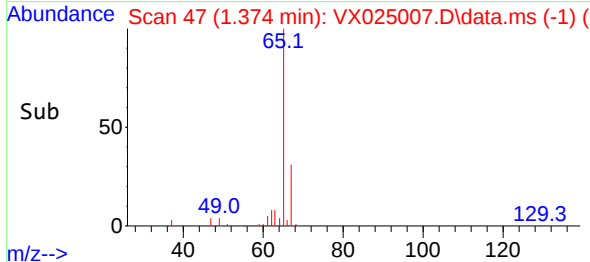
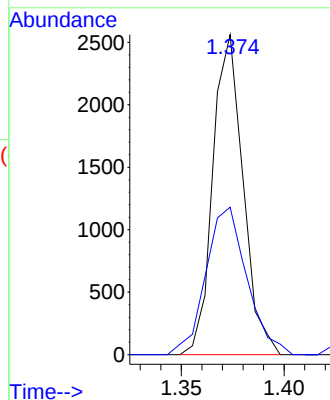
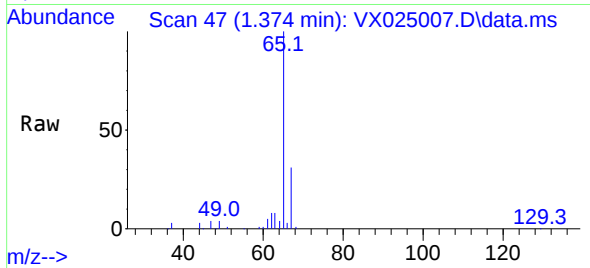
#5
 Vinyl chloride
 Concen: 2.293 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX025007.D
 Acq: 28 Oct 2021 15:30

Tgt Ion: 62 Resp: 2620
 Ion Ratio Lower Upper
 62 100
 64 46.1 23.6 43.8#

Instrument :
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 ClientSampleID :
 MDL01

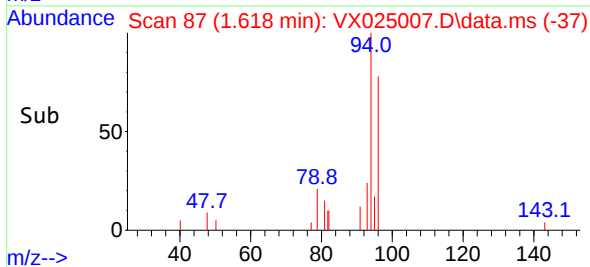
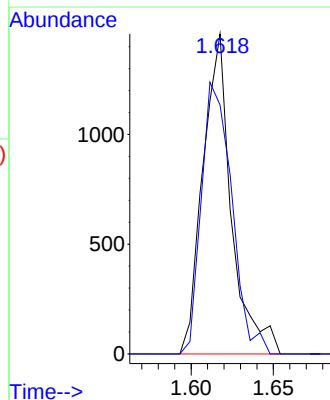
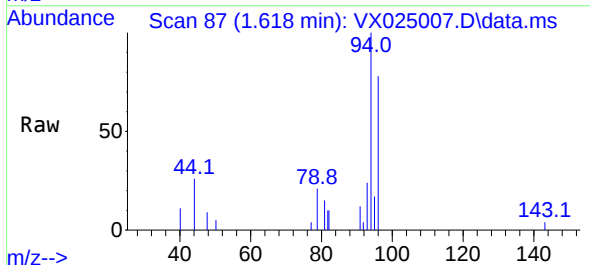
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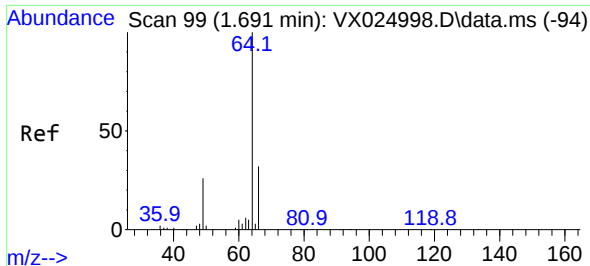
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#6
 Bromomethane
 Concen: 2.390 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX025007.D
 Acq: 28 Oct 2021 15:30

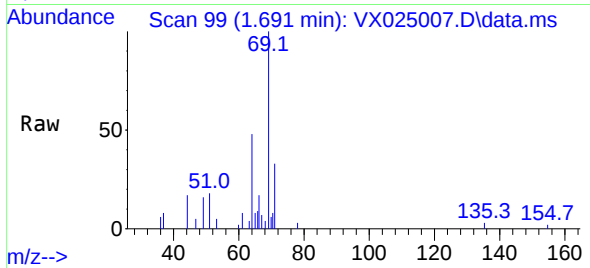
Tgt Ion: 94 Resp: 1757
 Ion Ratio Lower Upper
 94 100
 96 77.8 62.9 116.9





#8
Chloroethane
Concen: 2.699 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

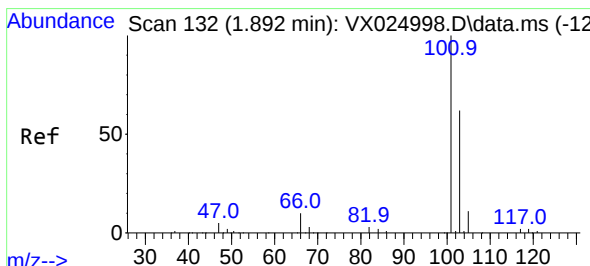
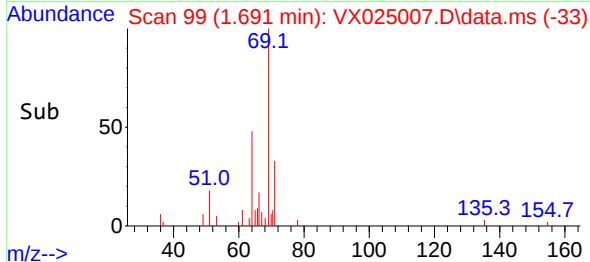
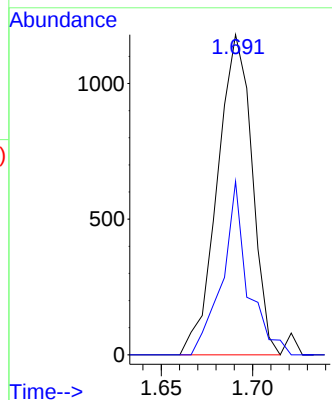
Instrument :
MSVOA_X
ClientSampleId :
MDL01



Tgt Ion: 64 Resp: 1558
Ion Ratio Lower Upper
64 100
66 54.2 23.3 43.3#

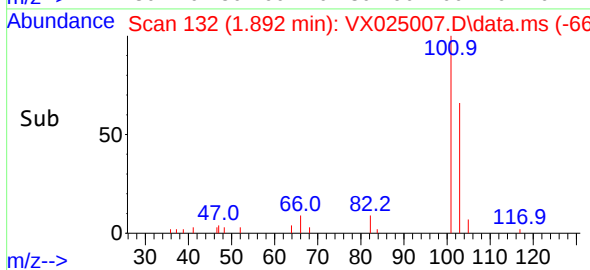
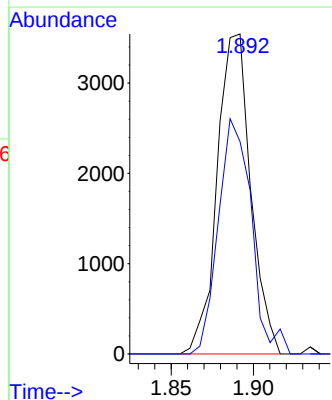
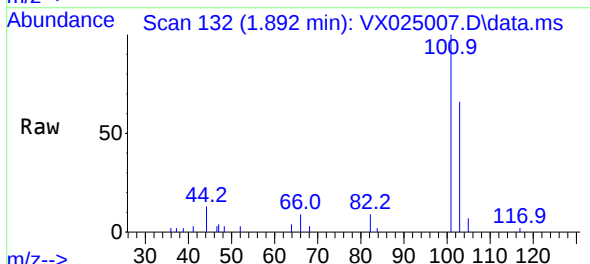
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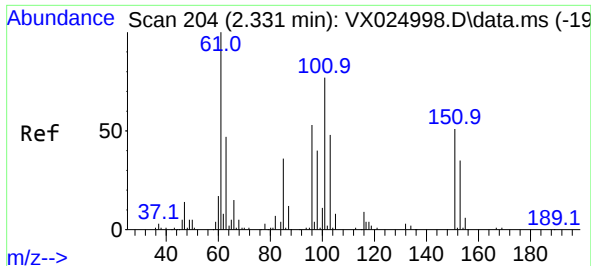
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#9
Trichlorofluoromethane
Concen: 1.989 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

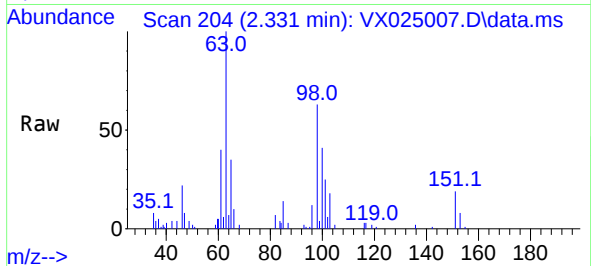
Tgt Ion: 101 Resp: 5043
Ion Ratio Lower Upper
101 100
103 70.1 51.4 77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.540 ug/L m
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

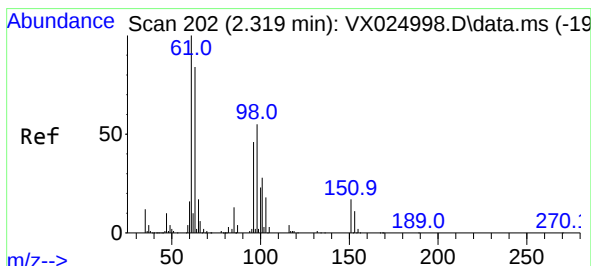
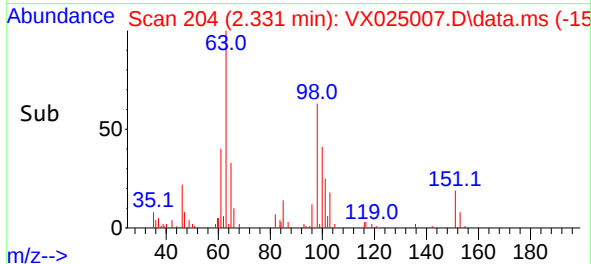
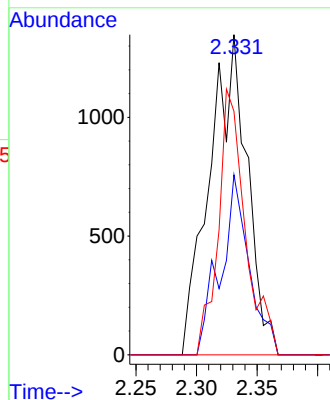
Instrument :
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Tgt Ion:101 Resp: 2922
Ion Ratio Lower Upper
101 100
85 10.3 35.3 52.9#
151 0.0 62.3 93.5#

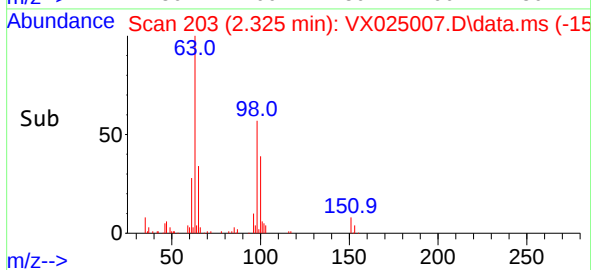
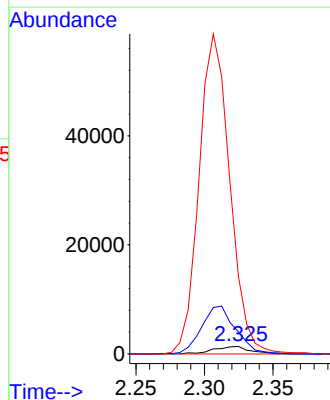
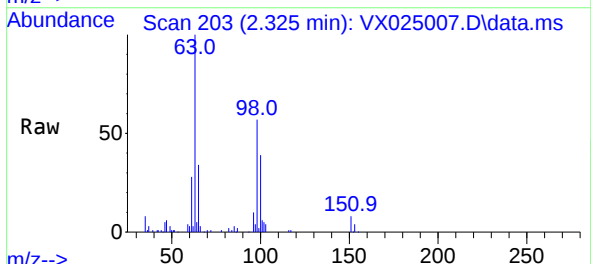
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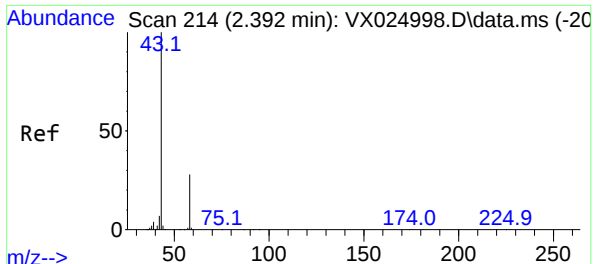
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#12
1,1-Dichloroethene
Concen: 2.608 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 96 Resp: 2524
Ion Ratio Lower Upper
96 100
61 290.5 109.9 204.1#
63 1022.4 92.4 171.6#





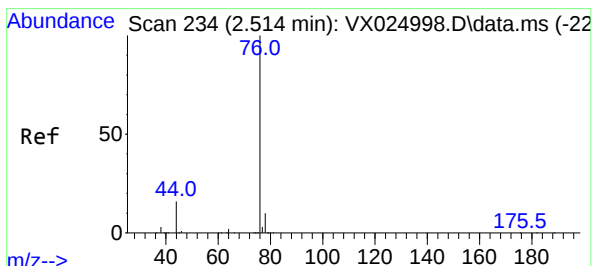
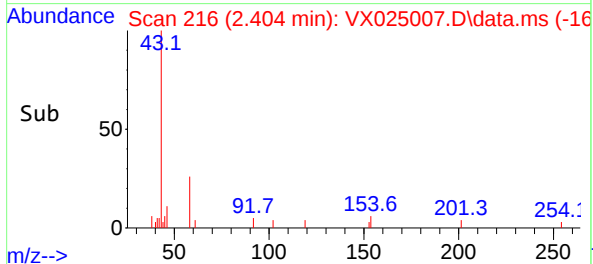
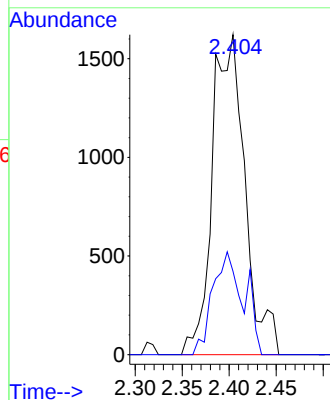
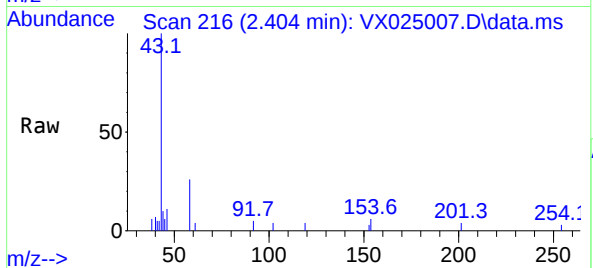
#13
Acetone
Concen: 4.162 ug/L m
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX025007.D
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Tgt Ion: 43 Resp: 3919
Ion Ratio Lower Upper
43 100
58 25.2 0.0 64.8

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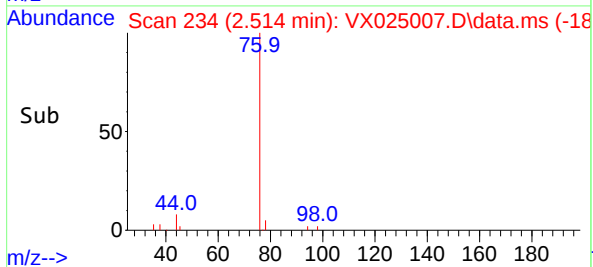
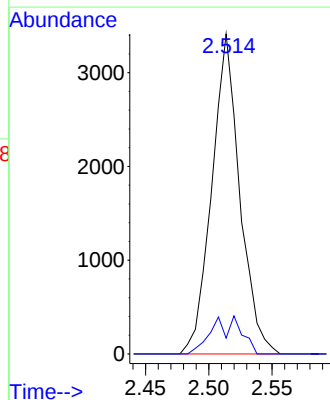
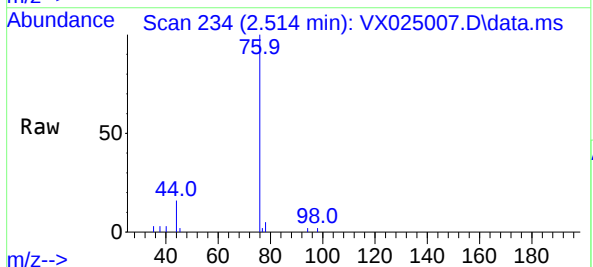
Manual Integrations
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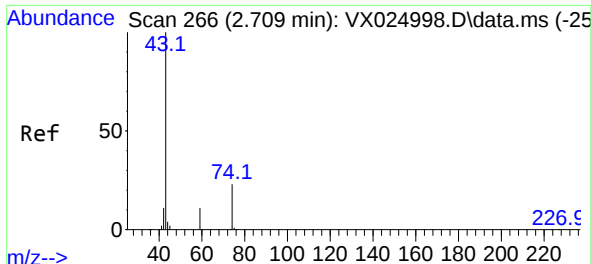
MMDadoda
11/1/2021 12:58:54 PM



#14
Carbon disulfide
Concen: 2.002 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

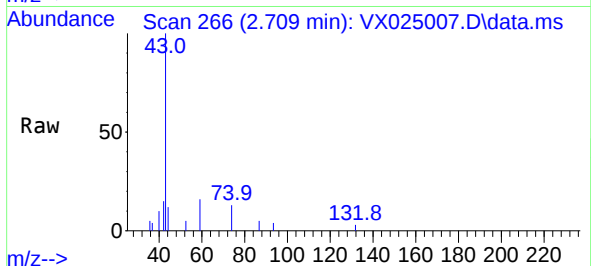
Tgt Ion: 76 Resp: 5250
Ion Ratio Lower Upper
76 100
78 5.0 7.2 10.8#





#15
Methyl Acetate
Concen: 2.465 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

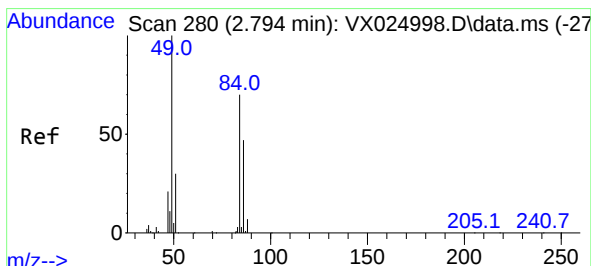
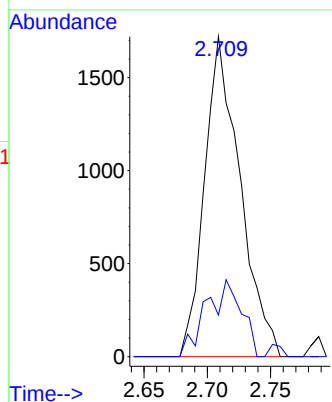
Instrument :
MSVOA_X
ClientSampled :
MDL01



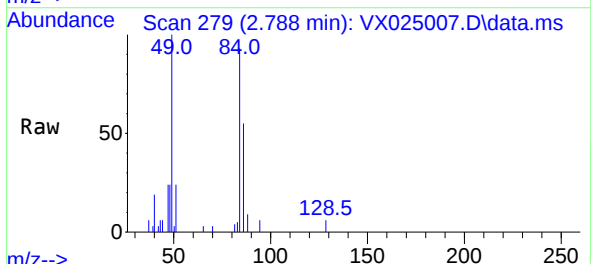
Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
74 12.8 28.6 42.8#

Manual Integrations
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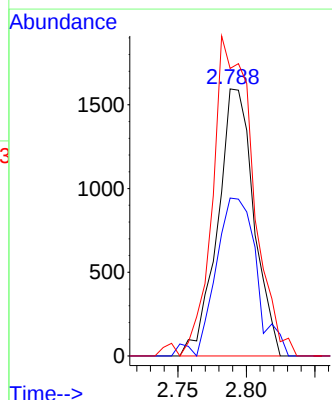
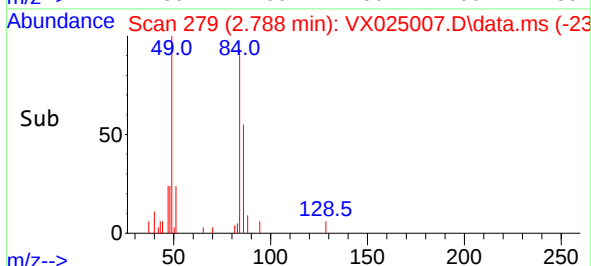
MMDadoda
11/1/2021 12:58:54 PM

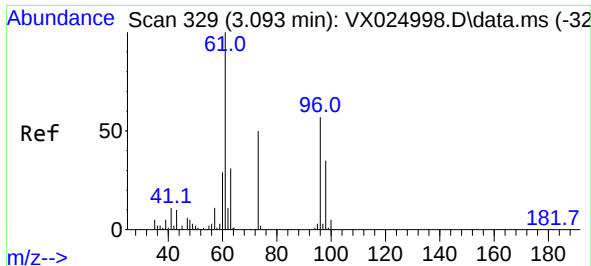


#16
Methylene chloride
Concen: 2.675 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30



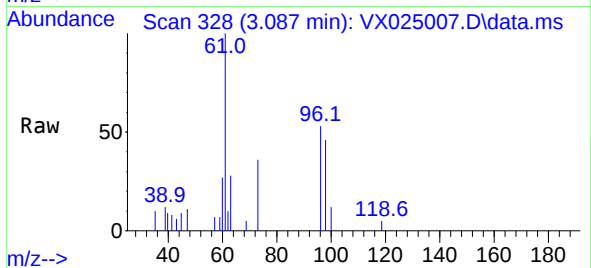
Tgt Ion: 84 Resp: 2931
Ion Ratio Lower Upper
84 100
86 59.1 44.4 82.5
49 107.6 64.0 118.8





#17
trans-1,2-Dichloroethene
Concen: 1.919 ug/L m
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

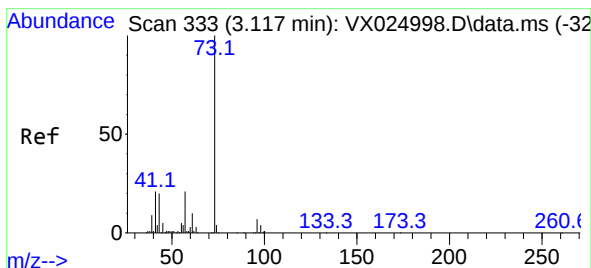
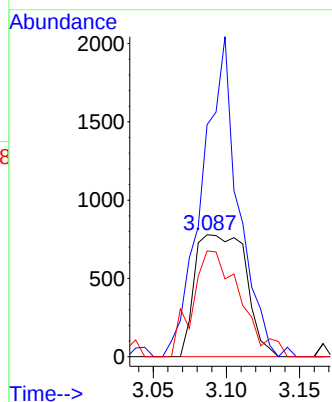
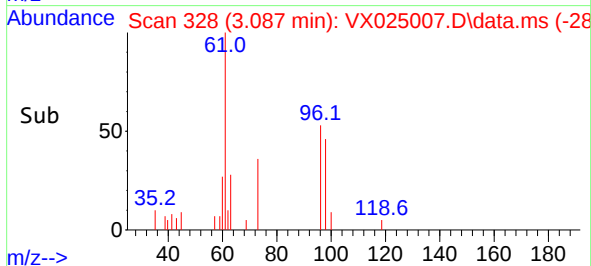
Instrument :
MSVOA_X
ClientSampled :
MDL01



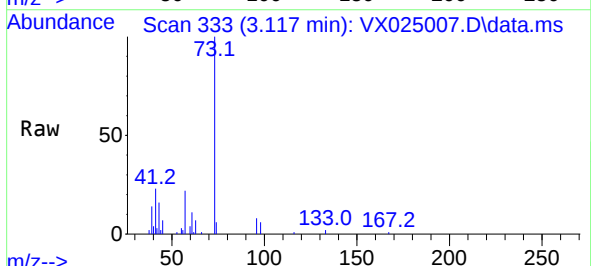
Tgt Ion: 96 Resp: 1901
Ion Ratio Lower Upper
96 100
61 190.2 99.4 184.6#
98 86.8 47.0 87.2

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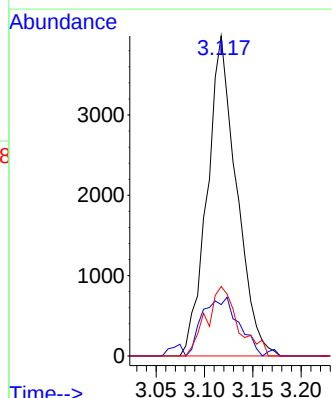
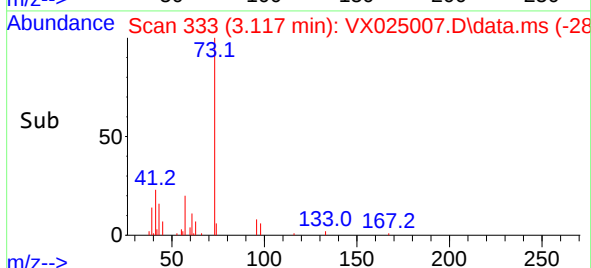
MMDadoda
11/1/2021 12:58:54 PM

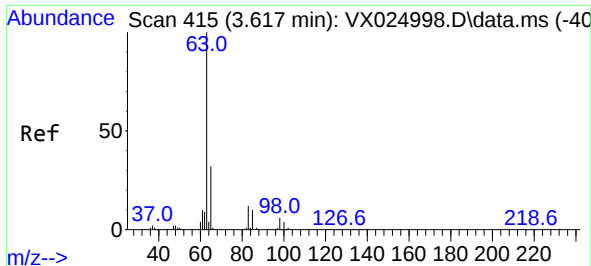


#18
Methyl tert-butyl Ether
Concen: 2.055 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30



Tgt Ion: 73 Resp: 8408
Ion Ratio Lower Upper
73 100
43 22.6 12.4 18.6#
57 20.7 13.2 19.8#





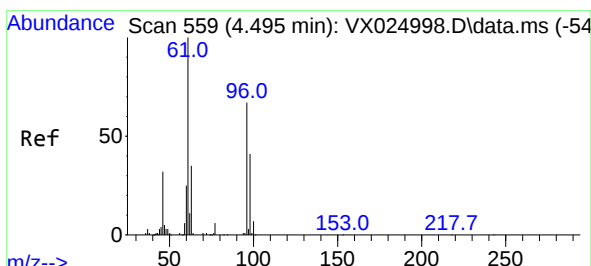
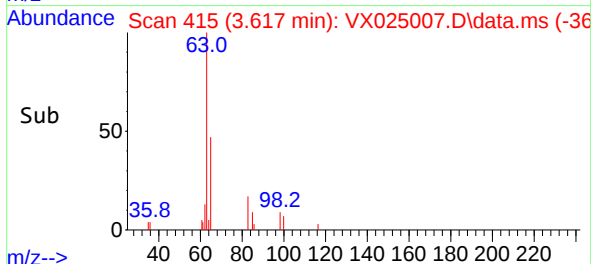
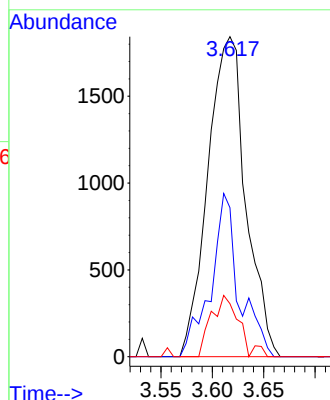
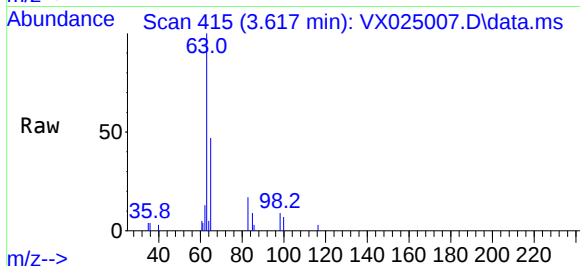
#19
1,1-Dichloroethane
Concen: 2.059 ug/L
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	63	Resp:	4741
Ion	Ratio	Lower	Upper
63	100		
65	46.6	24.5	45.5#
83	16.5	11.7	21.7

Instrument :
MSVOA_X
ClientSampled :
MDL01

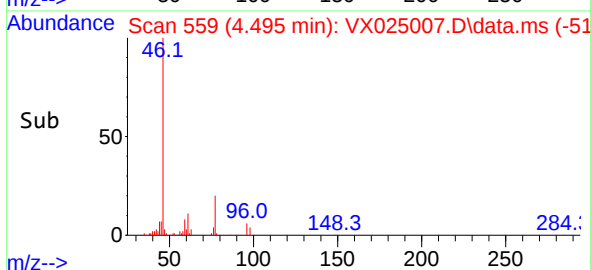
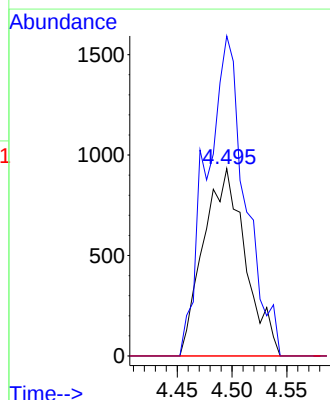
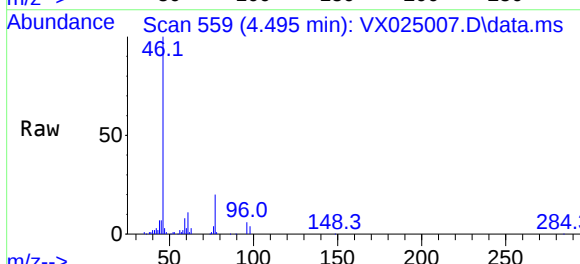
Manual Integrations
APPROVED

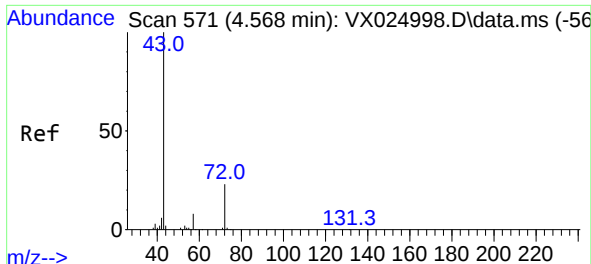
MMDadoda
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#20
cis-1,2-Dichloroethene
Concen: 2.213 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	96	Resp:	2477
Ion	Ratio	Lower	Upper
96	100		
61	170.7	82.6	153.4#
68	0.0	0.0	0.0





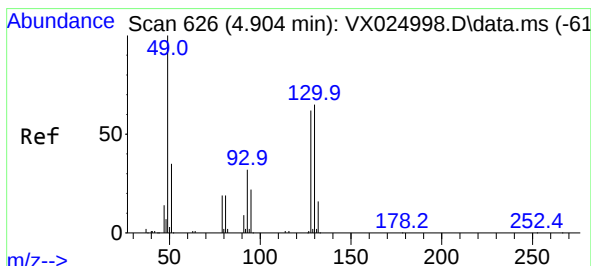
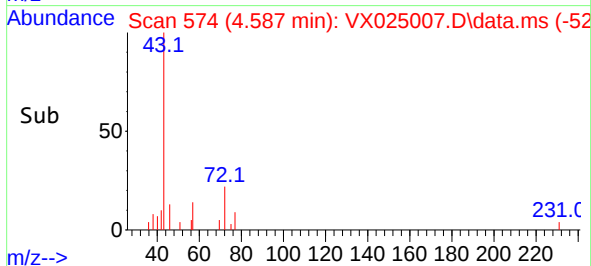
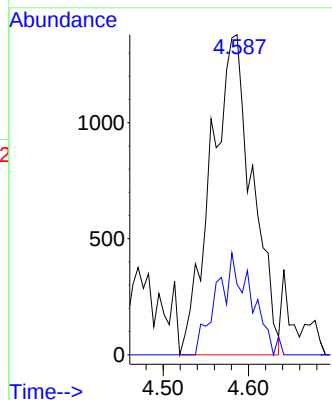
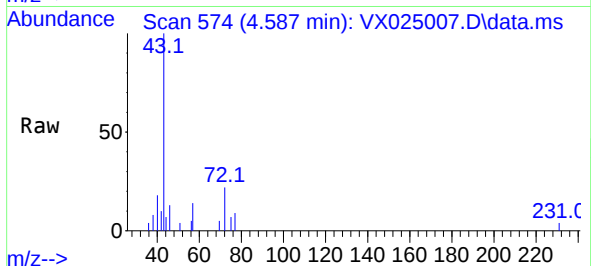
#22
2-Butanone
Concen: 3.997 ug/L m
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 43 Resp: 4632
Ion Ratio Lower Upper
43 100
72 7.9 18.4 55.0#

Instrument :
MSVOA_X
ClientSampled :
MDL01

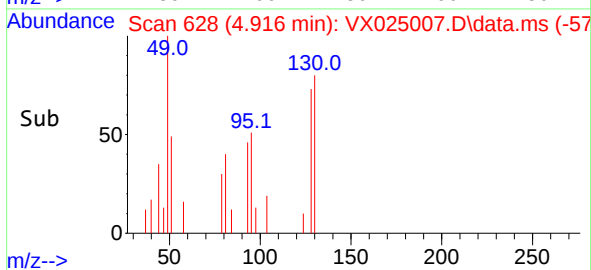
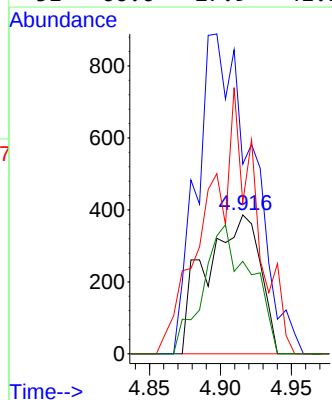
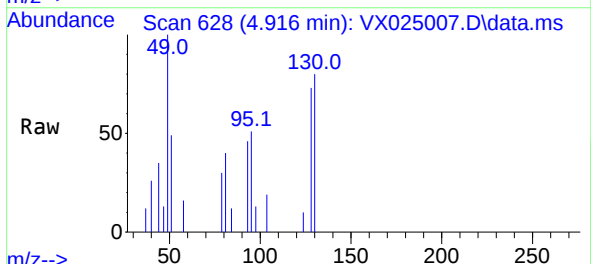
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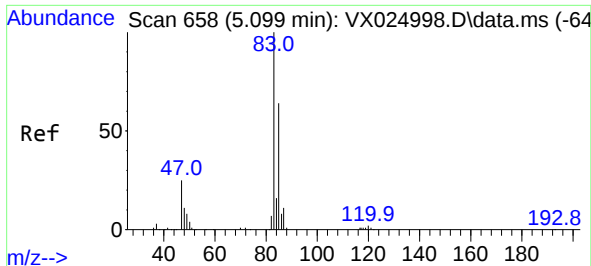
MMDadoda
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#23
Bromochloromethane
Concen: 1.829 ug/L m
RT: 4.916 min Scan# 628
Delta R.T. 0.012 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:128 Resp: 1023
Ion Ratio Lower Upper
128 100
49 136.5 71.5 132.7#
130 108.8 84.3 156.5
51 66.6 27.9 41.9#





#25

Chloroform

Concen: 2.358 ug/L

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX025007.D

Acq: 28 Oct 2021 15:30

Tgt Ion: 83 Resp: 6042

Ion Ratio Lower Upper

83 100

85 60.0 46.3 86.1

Instrument :

MSVOA_X

ClientSampleId :

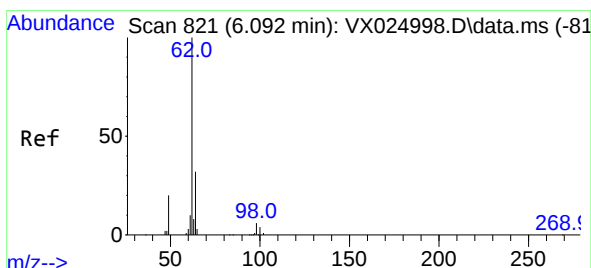
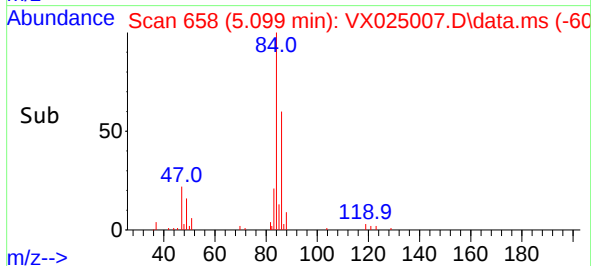
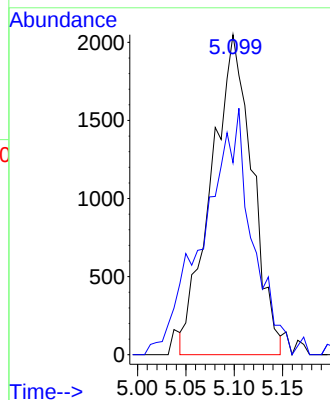
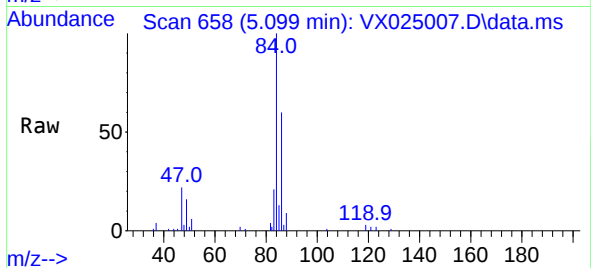
MDL01

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 2.213 ug/L m

RT: 6.080 min Scan# 819

Delta R.T. -0.012 min

Lab File: VX025007.D

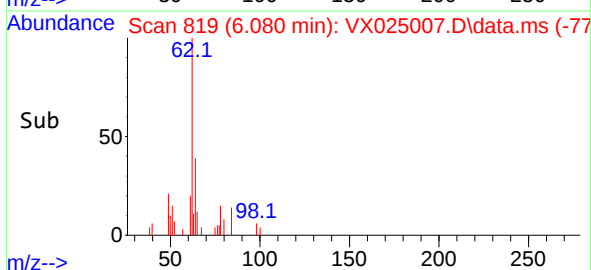
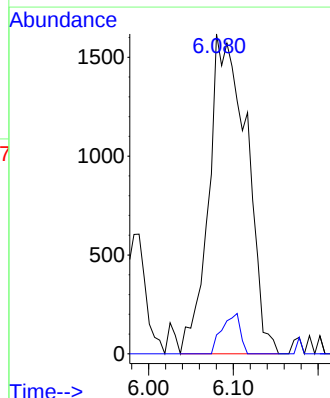
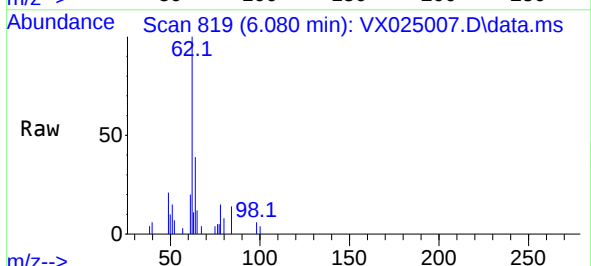
Acq: 28 Oct 2021 15:30

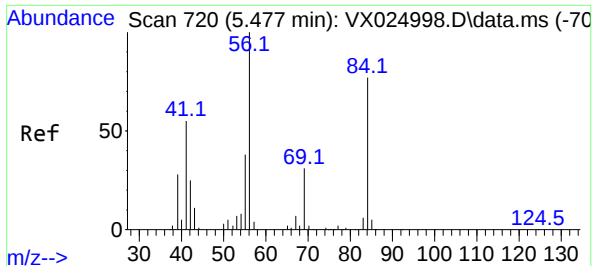
Tgt Ion: 62 Resp: 5012

Ion Ratio Lower Upper

62 100

98 5.9 5.5 8.3





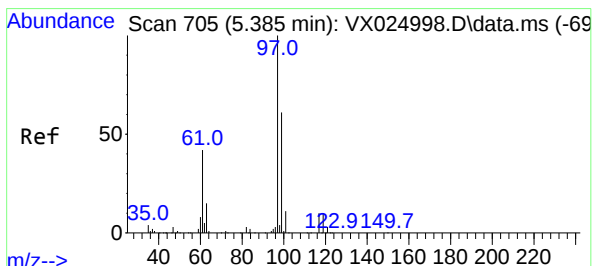
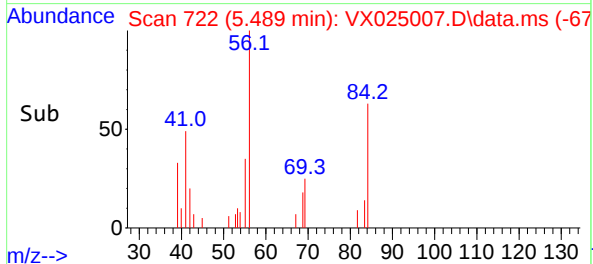
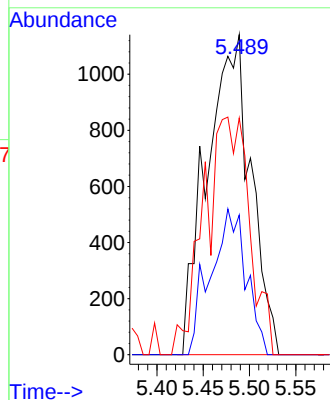
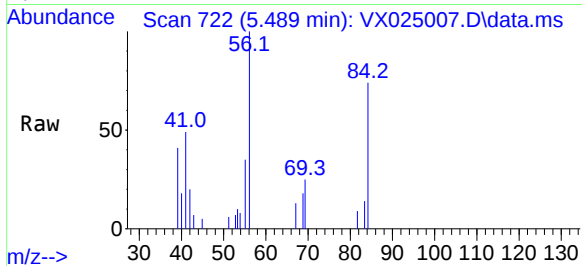
#29
Cyclohexane
Concen: 1.952 ug/L m
RT: 5.489 min Scan# 722
Delta R.T. 0.012 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 56 Resp: 3768
Ion Ratio Lower Upper
56 100
69 6.1 30.8 46.2#
84 18.0 86.8 130.2#

Instrument :
MSVOA_X
ClientSampled :
MDL01

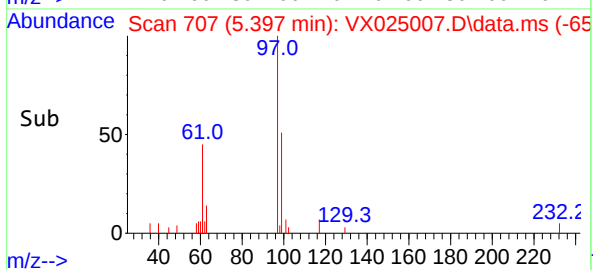
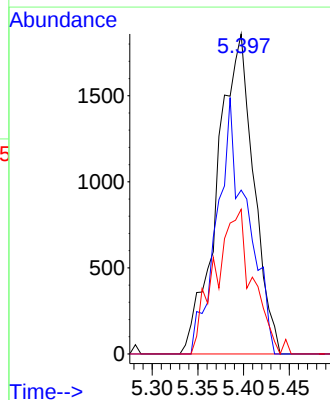
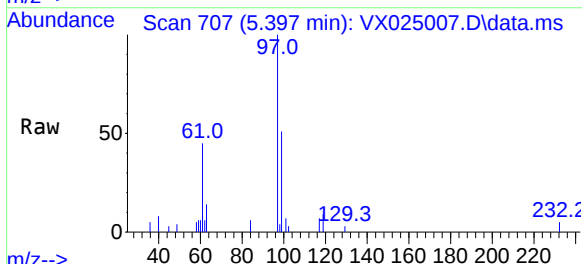
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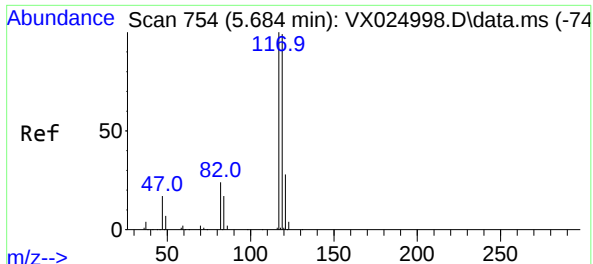
MMDadoda
11/1/2021 12:58:54 PM



#30
1,1,1-Trichloroethane
Concen: 2.089 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 97 Resp: 5146
Ion Ratio Lower Upper
97 100
99 27.4 53.1 79.7#
61 36.6 26.3 39.5





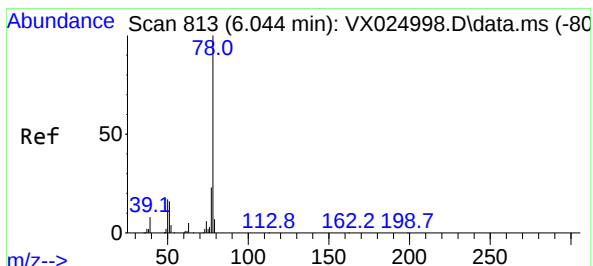
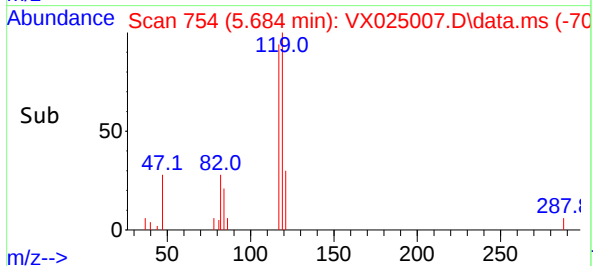
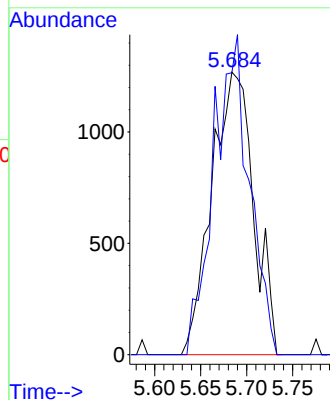
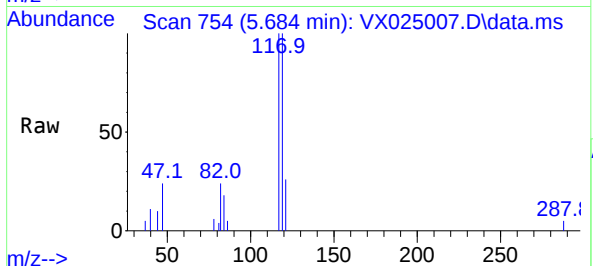
#31
Carbon tetrachloride
Concen: 1.929 ug/L m
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 117 Resp: 4024
Ion Ratio Lower Upper
117 100
119 64.7 76.0 114.0#

Instrument :
MSVOA_X
ClientSampleId :
MDL01

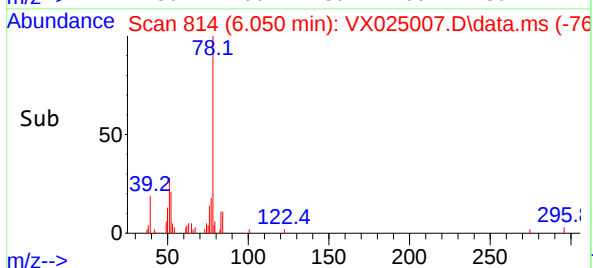
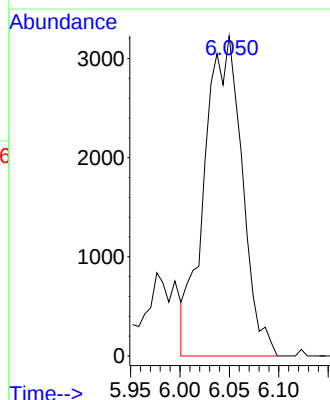
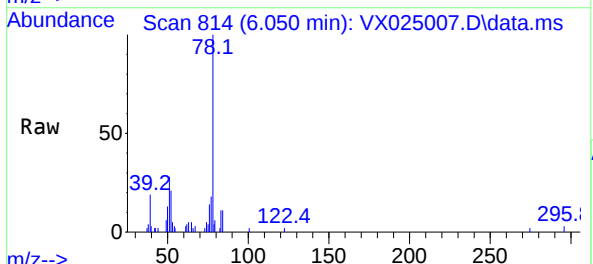
Manual Integrations
APPROVED

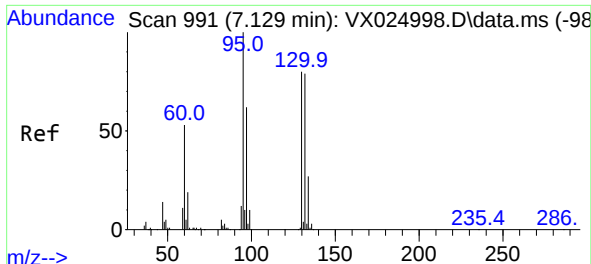
MMDadoda
11/1/2021 12:58:54 PM



#33
Benzene
Concen: 1.943 ug/L m
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

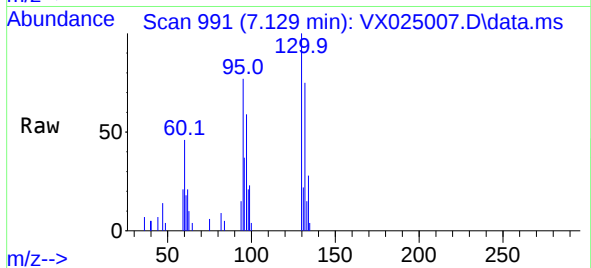
Tgt Ion: 78 Resp: 8567





#34
Trichloroethene
Concen: 1.811 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
MDL01

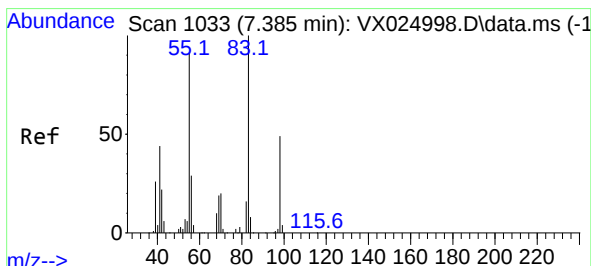
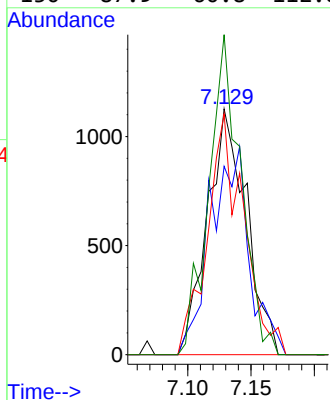
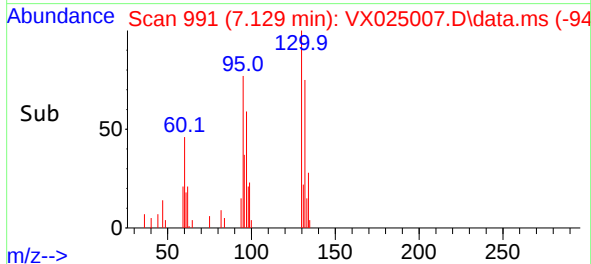


Tgt Ion: 95 Resp: 2409

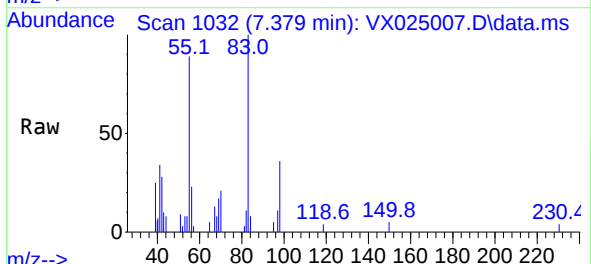
Ion	Ratio	Lower	Upper
95	100		
97	51.7	44.2	82.2
132	66.1	60.1	111.5
130	87.9	60.8	112.8

Manual Integrations
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MMDadoda
11/1/2021 12:58:54 PM

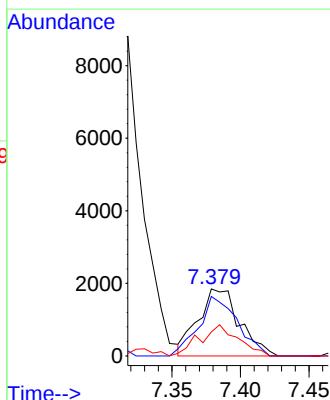
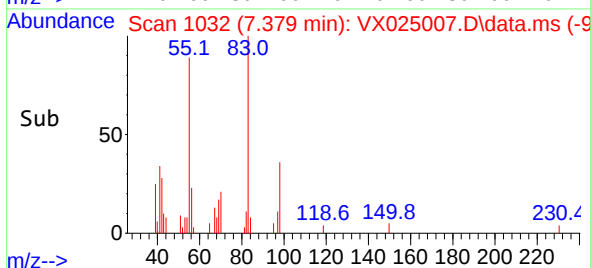


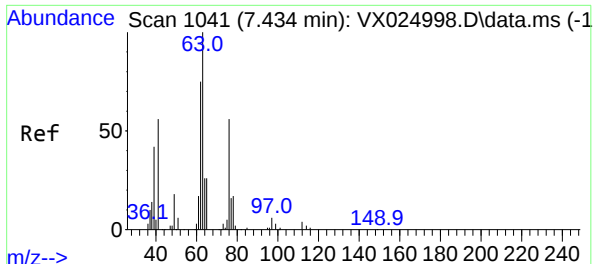
#35
Methylcyclohexane
Concen: 2.020 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30



Tgt Ion: 83 Resp: 3877

Ion	Ratio	Lower	Upper
83	100		
55	83.5	52.6	79.0#
98	43.1	37.9	56.9





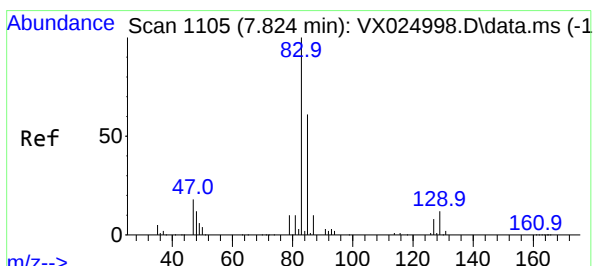
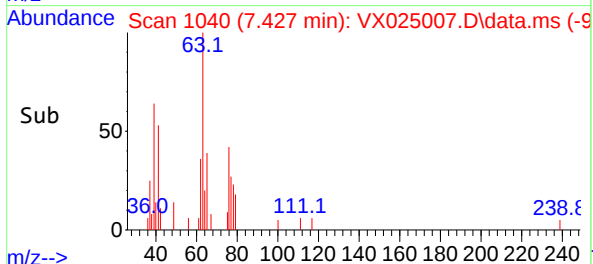
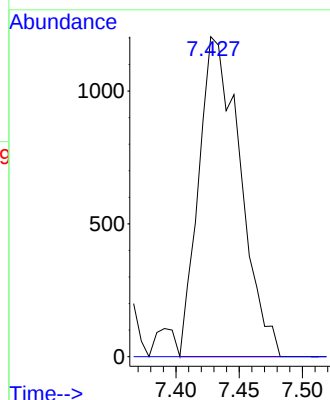
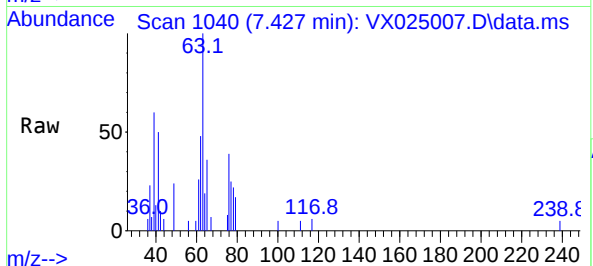
#37
1,2-Dichloropropane
Concen: 2.189 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 63 Resp: 2745
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

Instrument :
MSVOA_X
ClientSampleId :
MDL01

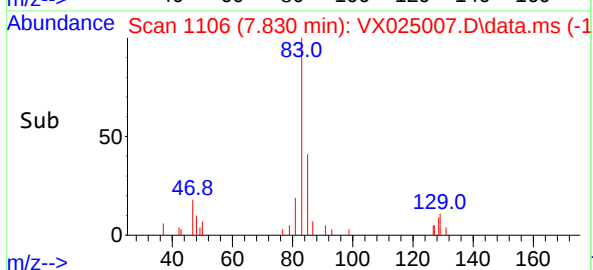
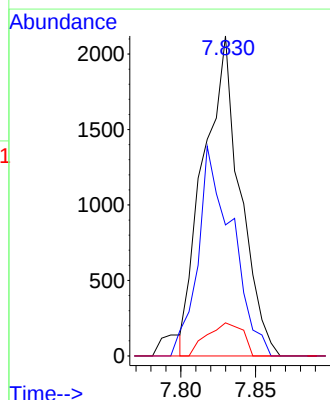
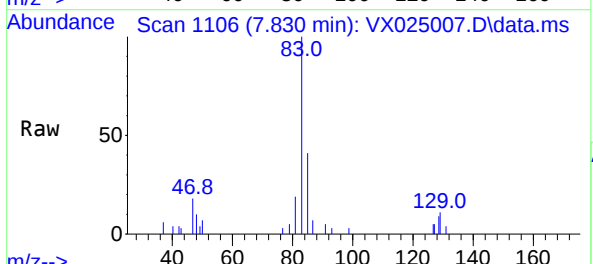
Manual Integrations
APPROVED

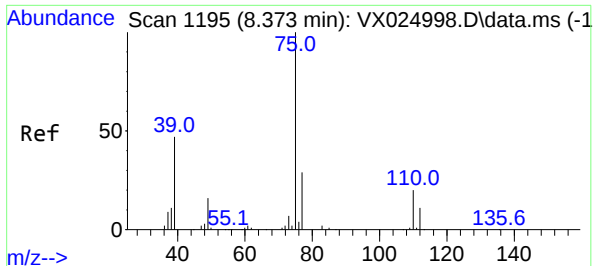
MMDadoda
11/1/2021 12:58:54 PM



#38
Bromodichloromethane
Concen: 1.893 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 83 Resp: 3628
Ion Ratio Lower Upper
83 100
85 40.9 46.8 87.0#
127 10.3 8.2 12.2





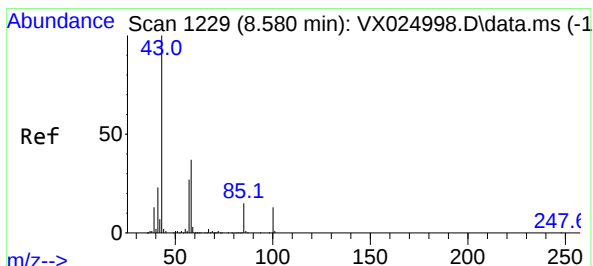
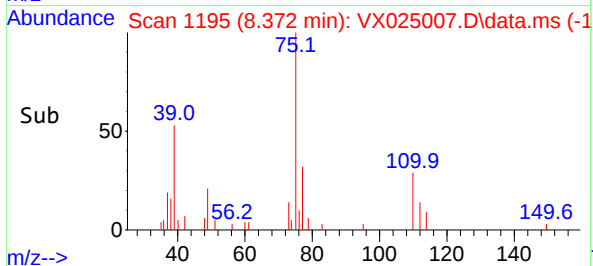
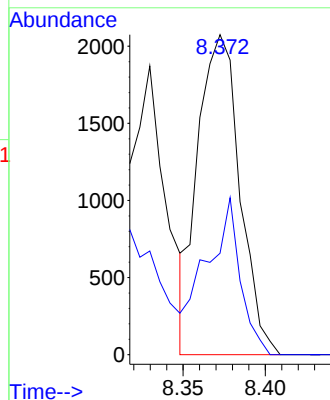
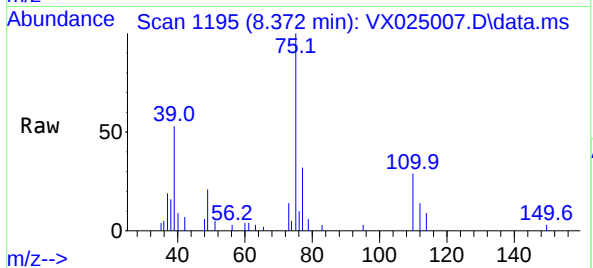
#39
cis-1,3-Dichloropropene
Concen: 1.802 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 75 Resp: 3673
Ion Ratio Lower Upper
75 100
77 31.7 23.1 42.9

Instrument :
MSVOA_X
ClientSampled :
MDL01

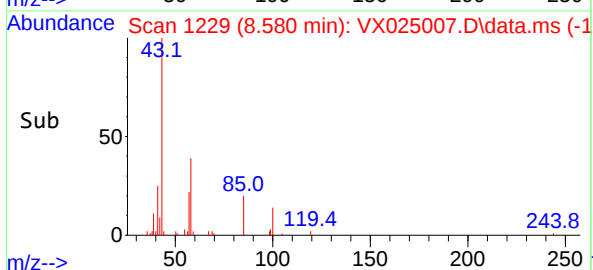
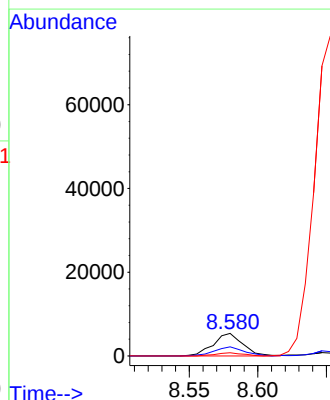
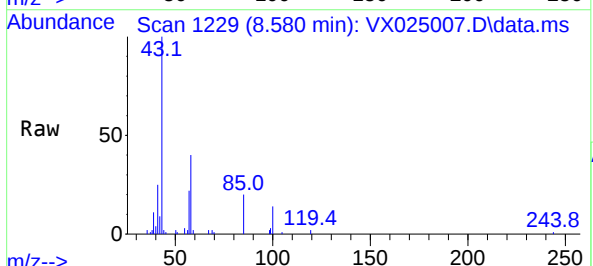
Manual Integrations
APPROVED

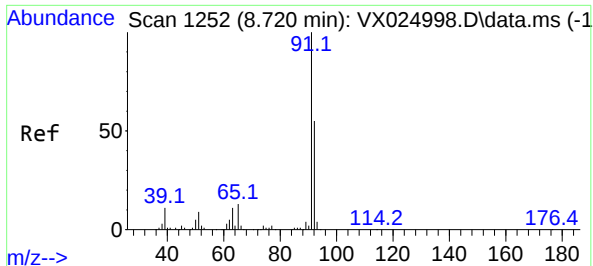
MMDadoda
11/1/2021 12:58:54 PM



#40
4-Methyl-2-pentanone
Concen: 4.180 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 43 Resp: 8142
Ion Ratio Lower Upper
43 100
58 40.3 41.3 61.9#
100 12.9 19.6 29.4#





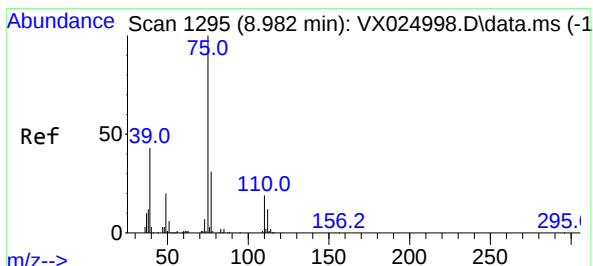
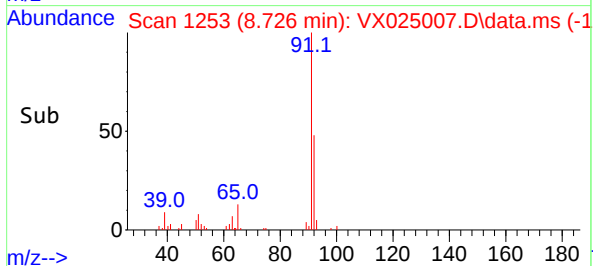
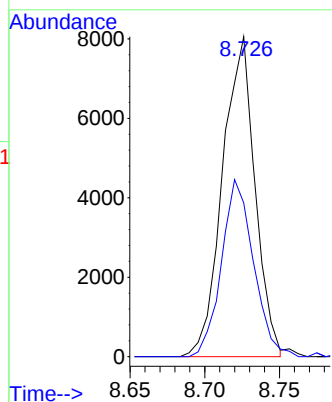
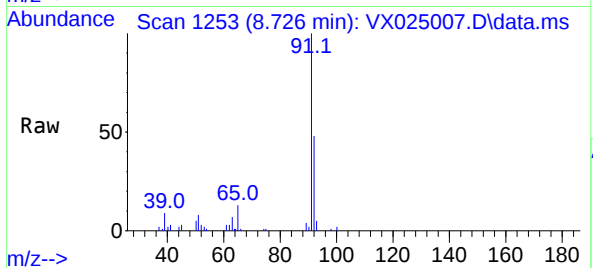
#42
Toluene
Concen: 2.521 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 91 Resp: 12159
Ion Ratio Lower Upper
91 100
92 48.0 39.3 72.9

Instrument :
MSVOA_X
ClientSampleId :
MDL01

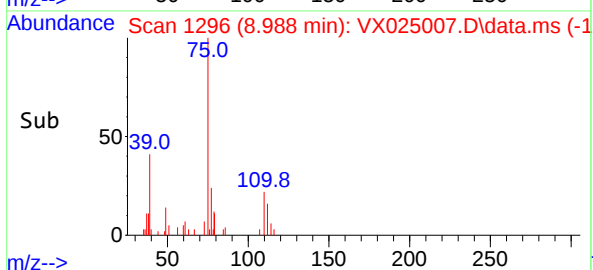
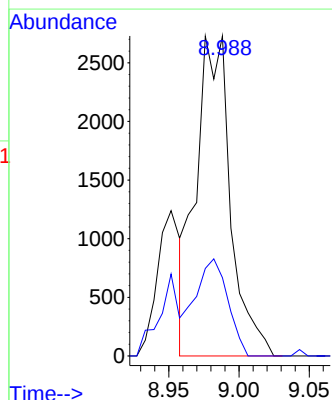
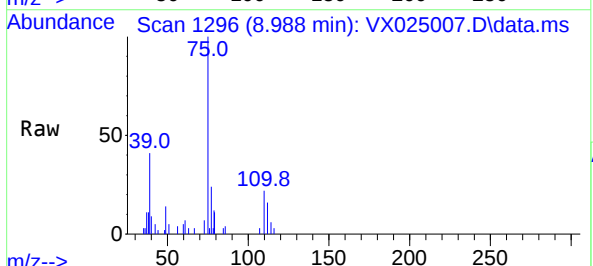
Manual Integrations
APPROVED

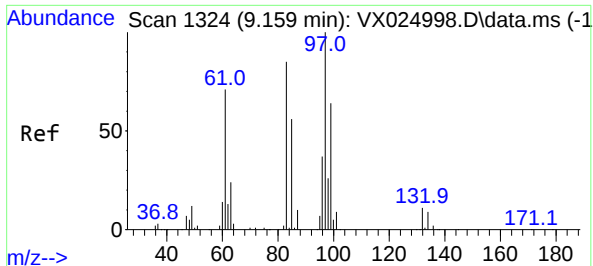
MMDadoda
11/1/2021 12:58:54 PM



#44
trans-1,3-Dichloropropene
Concen: 2.214 ug/L m
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 75 Resp: 4646
Ion Ratio Lower Upper
75 100
77 24.4 23.4 43.6





#45

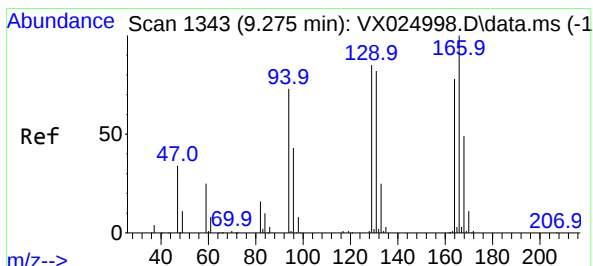
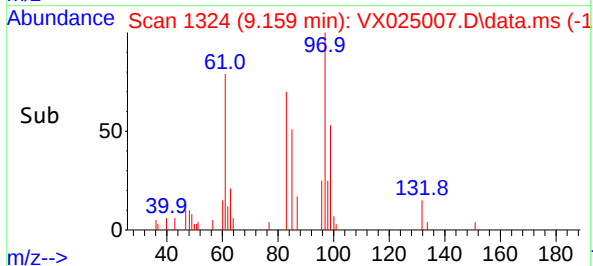
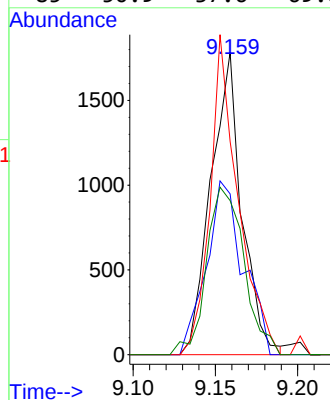
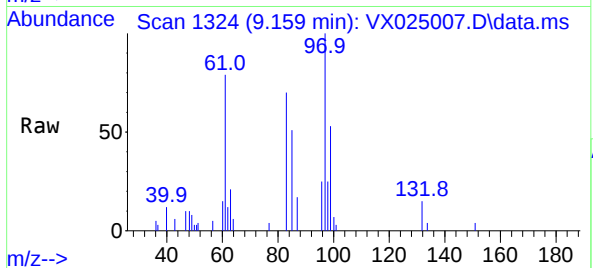
1,1,2-Trichloroethane
Concen: 1.988 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 97	Resp: 2334
Ion Ratio	Lower Upper
97 100	
99 53.2	43.5 80.7
83 70.5	58.2 108.0
85 50.9	37.6 69.8

Instrument :
MSVOA_X
ClientSampled :
MDL01

Manual Integrations
APPROVED

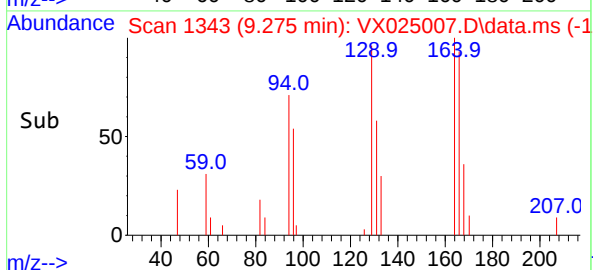
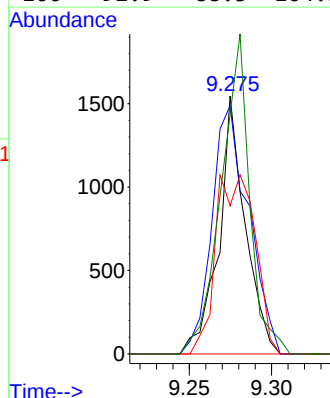
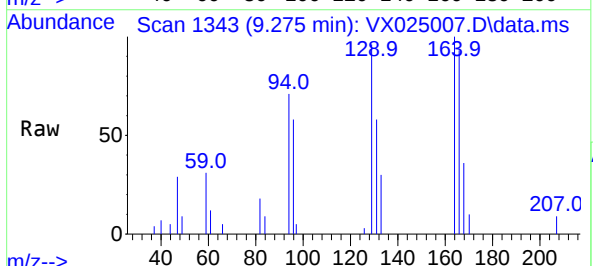
MMDadoda
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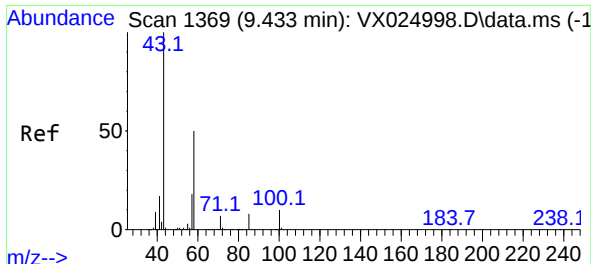


#46

Tetrachloroethene
Concen: 2.083 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt	Ion:164	Resp:	1729
Ion	Ratio	Lower	Upper
164	100		
129	96.3	78.5	145.7
131	57.5	70.5	130.9#
166	92.9	88.3	164.1





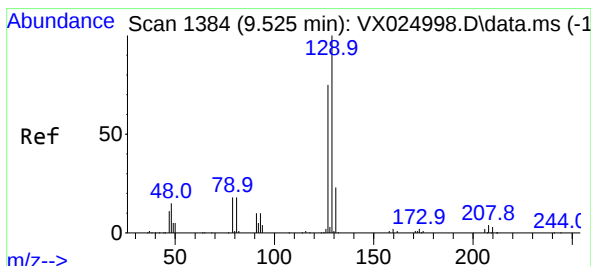
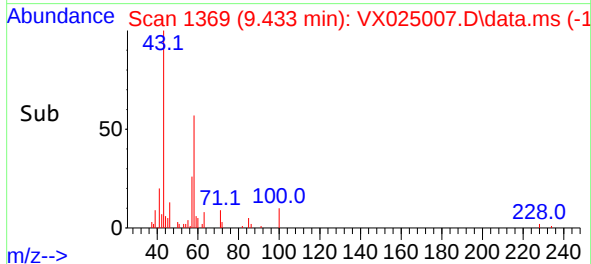
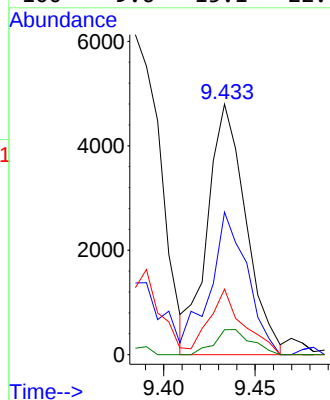
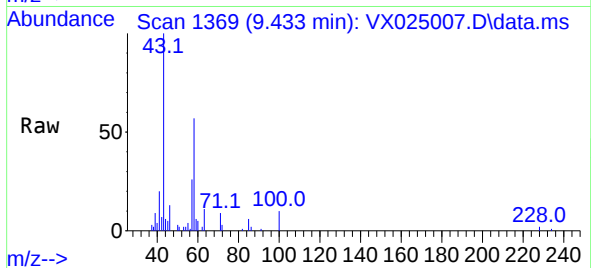
#48
2-Hexanone
Concen: 4.368 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 43 Resp: 7031
Ion Ratio Lower Upper
43 100
58 55.1 56.0 84.0#
57 22.8 20.4 30.6
100 9.6 15.1 22.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL01

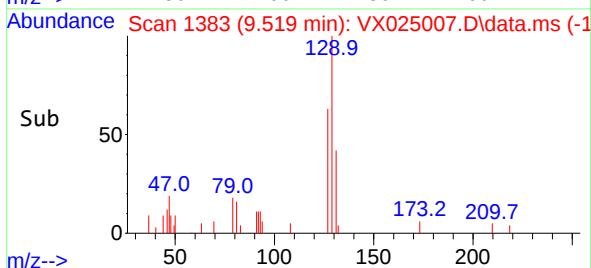
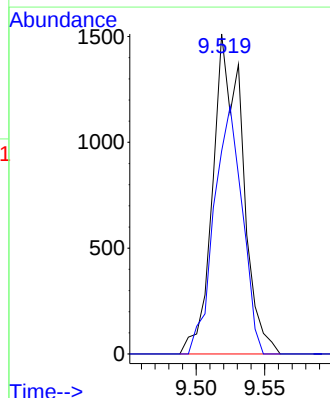
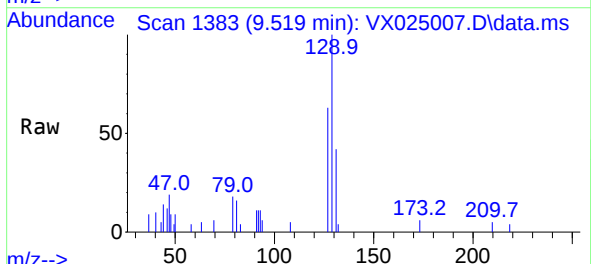
Manual Integrations
APPROVED

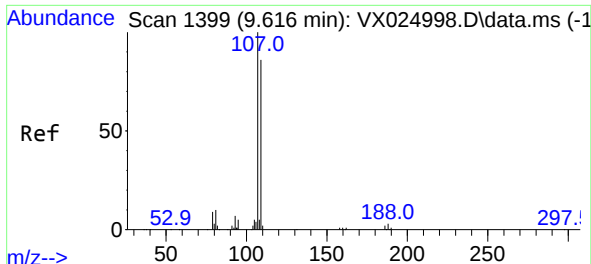
MMDadoda
11/1/2021 12:58:54 PM



#49
Dibromochloromethane
Concen: 1.729 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

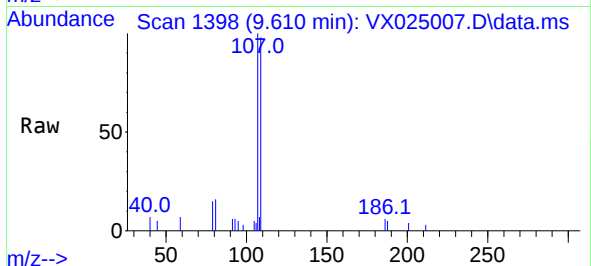
Tgt Ion: 129 Resp: 2285
Ion Ratio Lower Upper
129 100
127 63.4 54.1 100.5





#50
1,2-Dibromoethane
Concen: 2.104 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

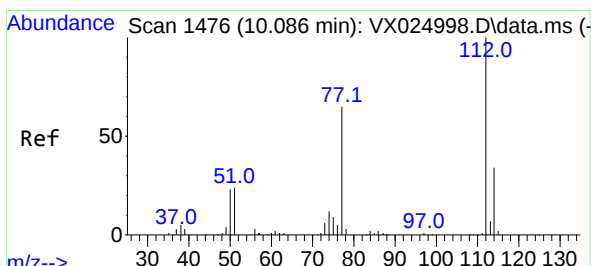
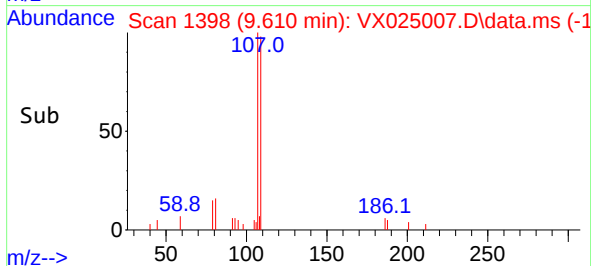
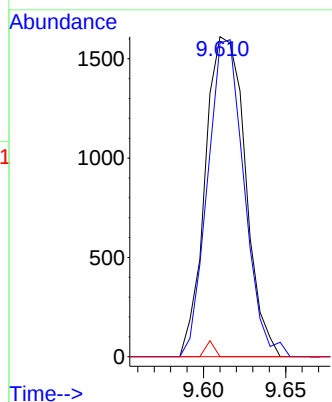
Instrument :
MSVOA_X
ClientSampleId :
MDL01



Tgt Ion:	107	Resp:	2725
Ion	Ratio	Lower	Upper
107	100		
109	98.0	63.8	118.6
188	0.0	2.2	3.2#

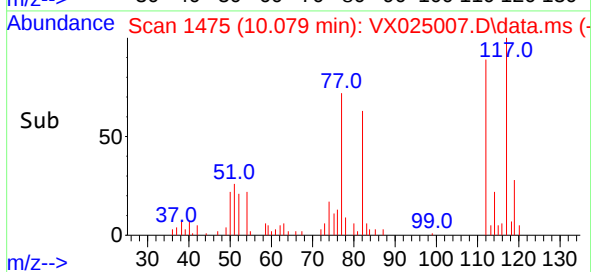
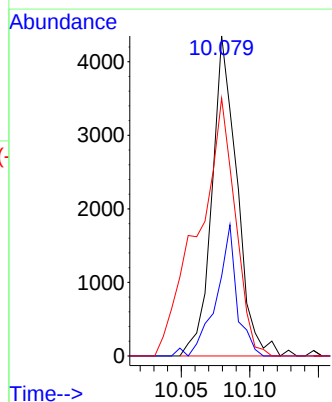
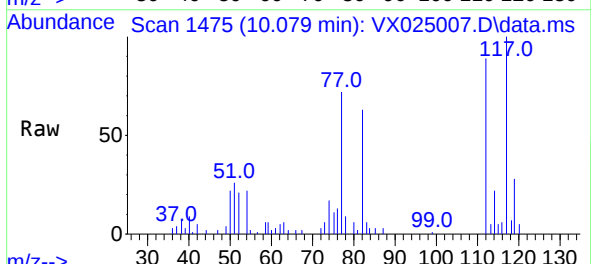
Manual Integrations
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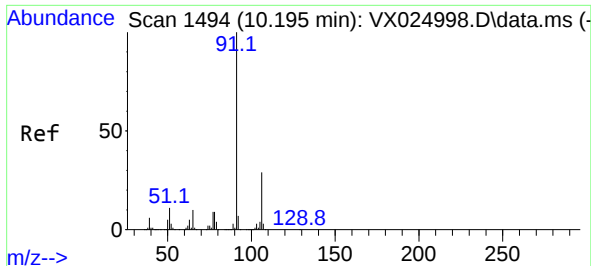
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#51
Chlorobenzene
Concen: 1.917 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	112	Resp:	5531
Ion	Ratio	Lower	Upper
112	100		
114	25.0	22.7	42.3
77	80.5	46.8	70.2#





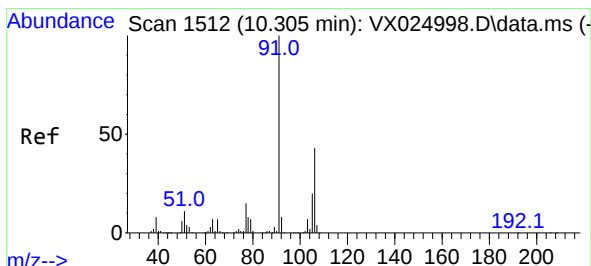
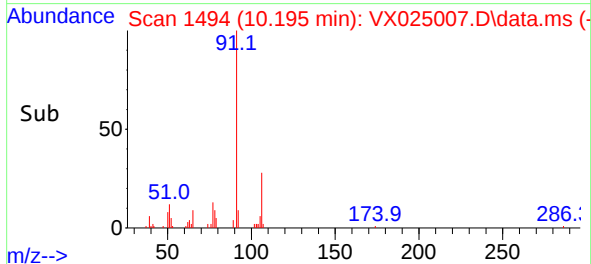
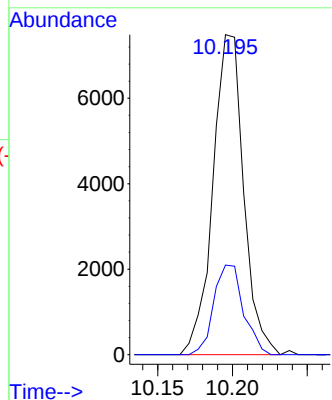
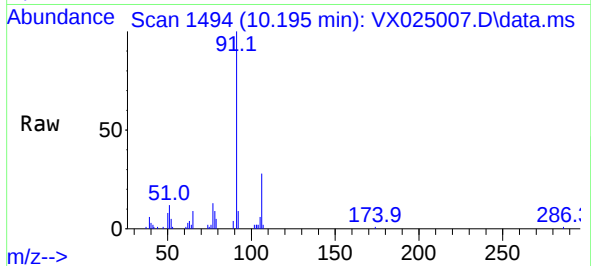
#52
Ethylbenzene
Concen: 1.923 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 91 Resp: 10707
Ion Ratio Lower Upper
91 100
106 28.0 20.2 37.6

Instrument :
MSVOA_X
ClientSampled :
MDL01

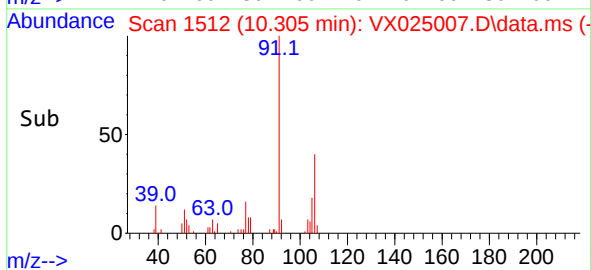
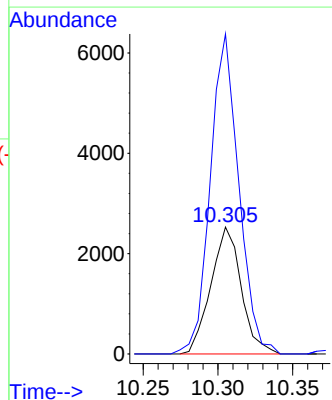
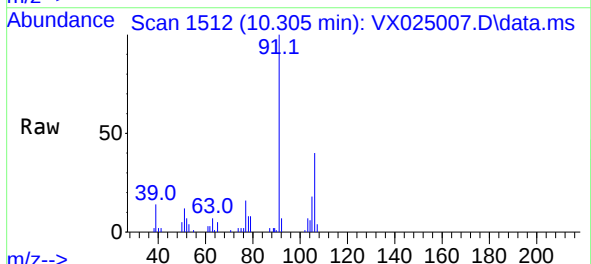
Manual Integrations
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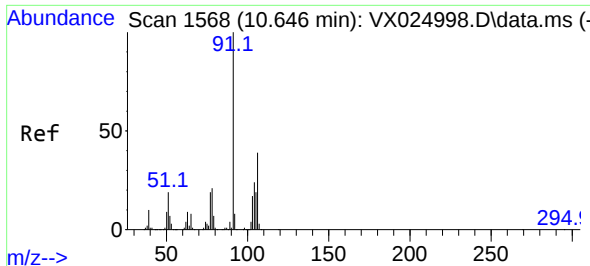
MMDadoda
11/1/2021 12:58:54 PM



#53
m,p-Xylene
Concen: 1.867 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 106 Resp: 3574
Ion Ratio Lower Upper
106 100
91 252.2 160.2 297.6





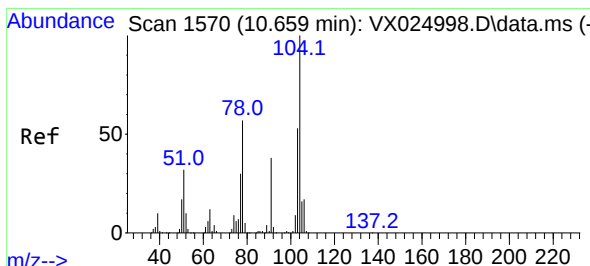
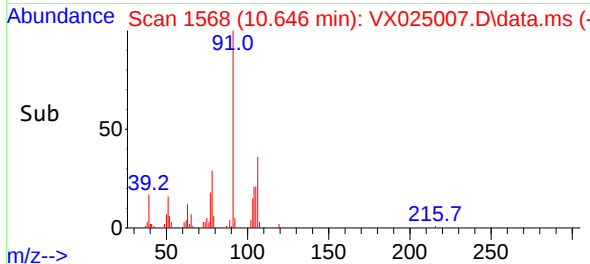
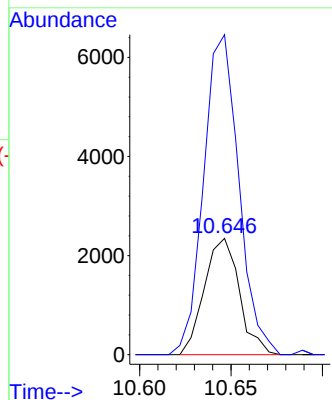
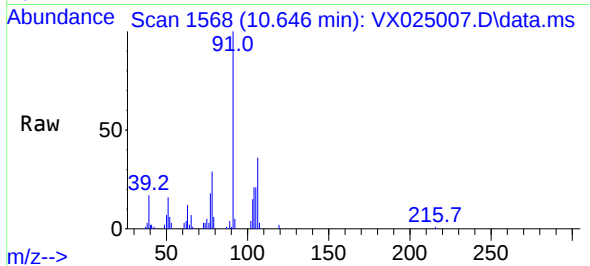
#54
o-Xylene
Concen: 1.674 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Tgt Ion:106 Resp: 3133
Ion Ratio Lower Upper
106 100
91 275.0 164.4 305.4

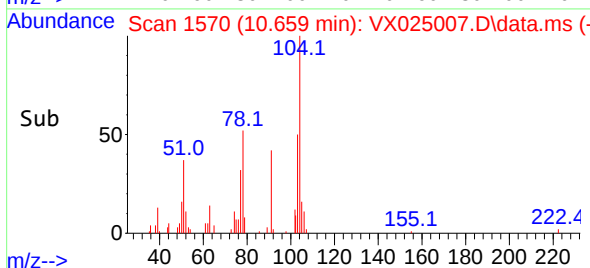
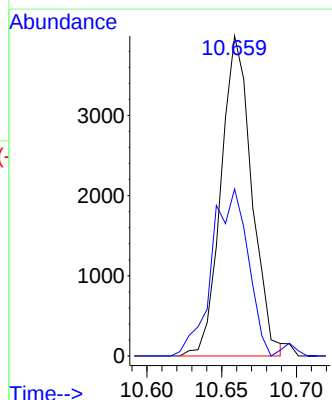
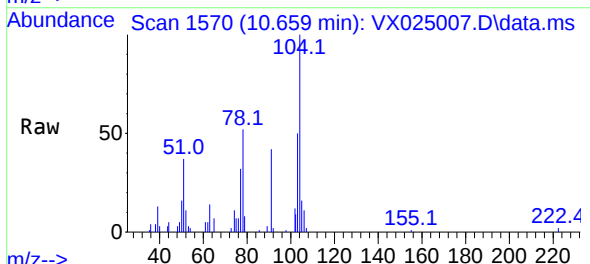
Manual Integrations
APPROVED

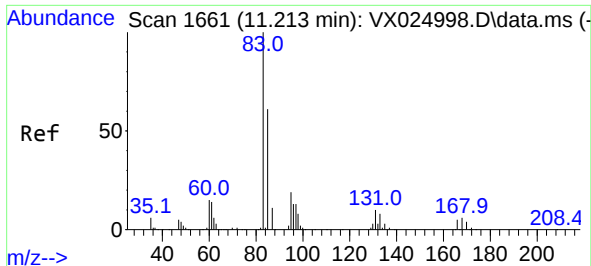
MMDadoda
11/1/2021 12:58:54 PM



#55
Styrene
Concen: 1.802 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

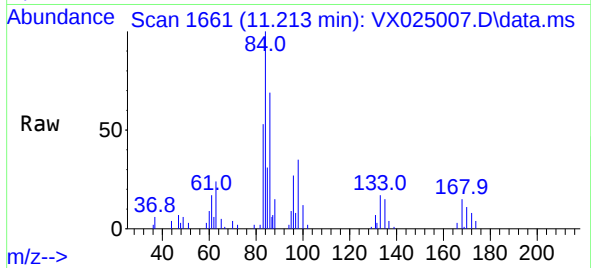
Tgt Ion:104 Resp: 5706
Ion Ratio Lower Upper
104 100
78 52.2 38.2 71.0





#57
1,1,2,2-Tetrachloroethane
Concen: 2.265 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

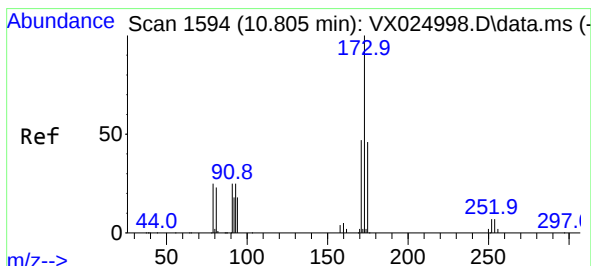
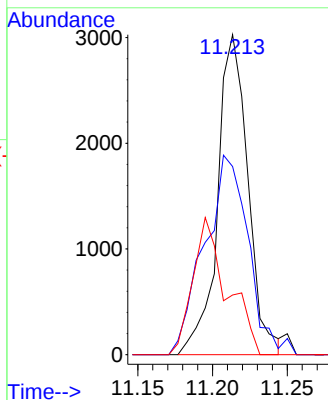
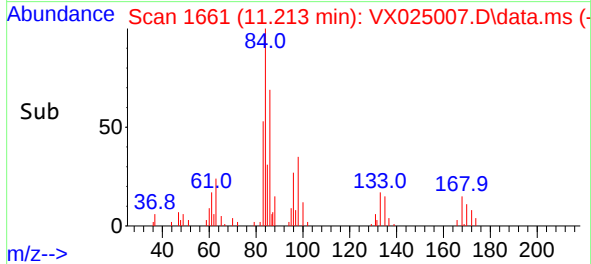
Instrument :
MSVOA_X
ClientSampled :
MDL01



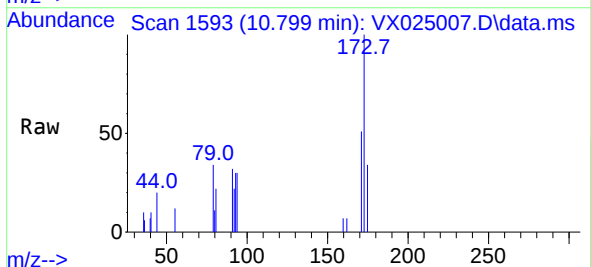
Tgt Ion: 83 Resp: 4279
Ion Ratio Lower Upper
83 100
85 58.8 46.9 87.1
131 18.6 8.7 13.1#

Manual Integrations
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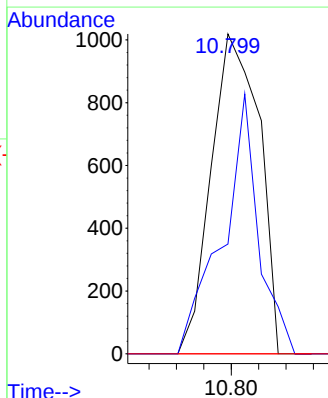
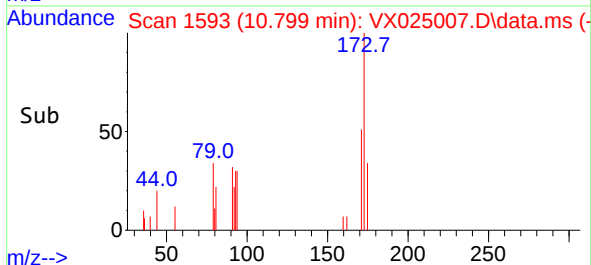
MMDadoda
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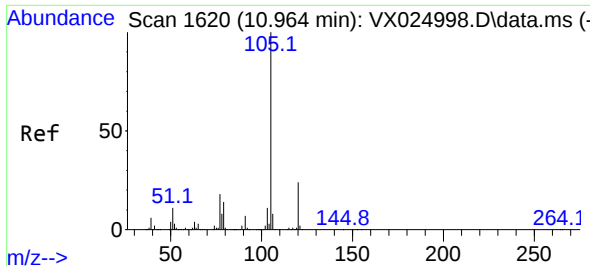


#59
Bromoform
Concen: 1.605 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30



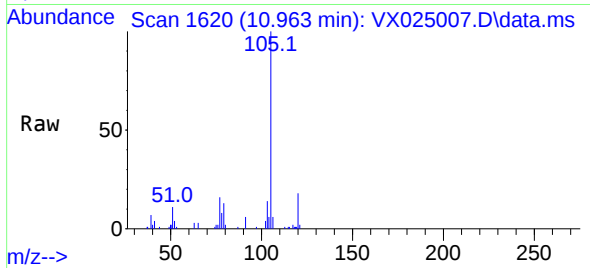
Tgt Ion: 173 Resp: 1242
Ion Ratio Lower Upper
173 100
175 61.2 36.6 55.0#
254 4.1 4.9 7.3#





#60
Isopropylbenzene
Concen: 2.034 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

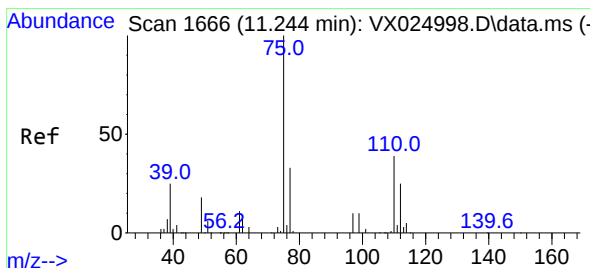
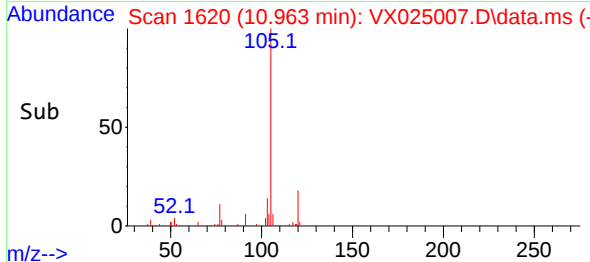
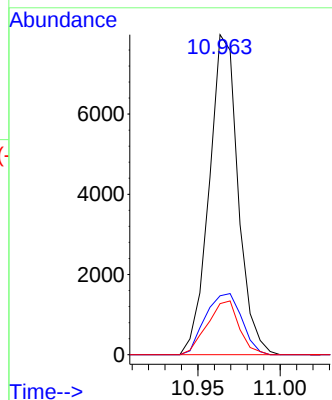
Instrument :
MSVOA_X
ClientSampleId :
MDL01



Tgt Ion:	105	Resp:	9744
Ion	Ratio	Lower	Upper
105	100		
120	24.0	19.8	29.6
77	18.6	13.2	19.8

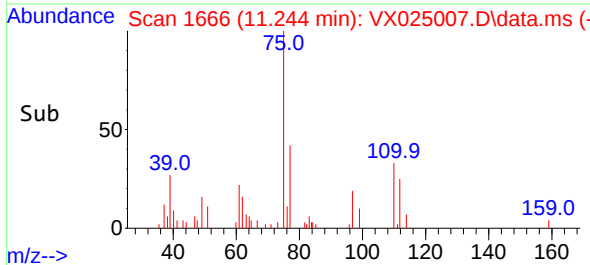
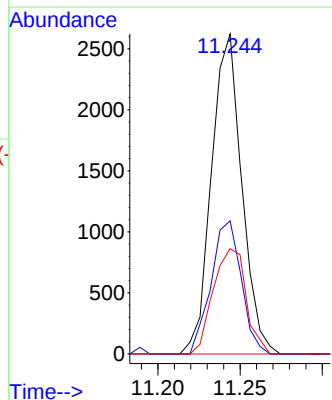
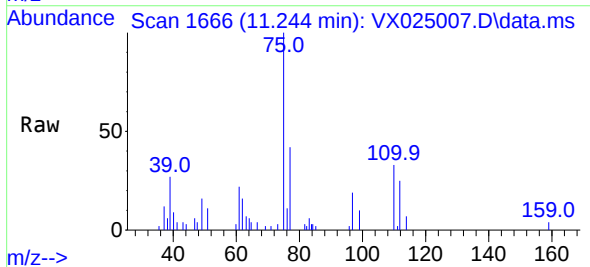
Manual Integrations
APPROVED

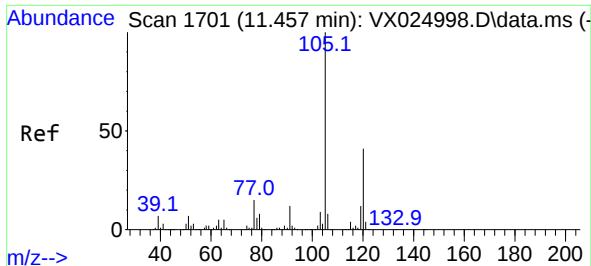
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#61
1,2,3-Trichloropropane
Concen: 2.195 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	75	Resp:	3360
Ion	Ratio	Lower	Upper
75	100		
77	41.4	26.6	39.8#
110	35.6	37.2	55.8#





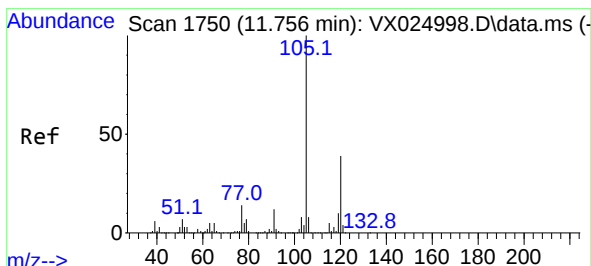
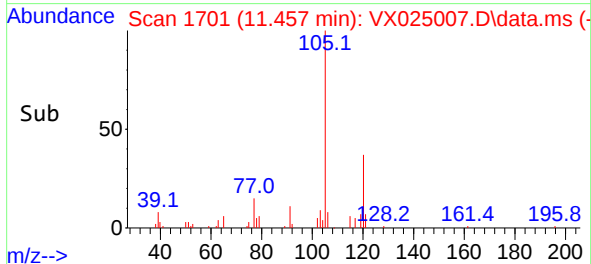
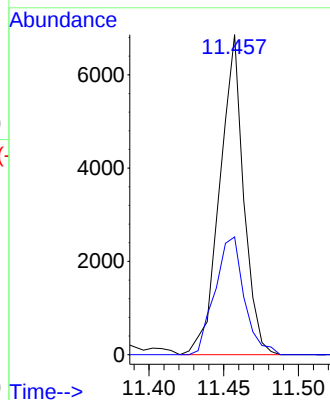
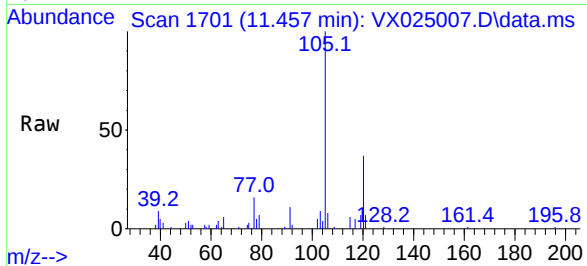
#62
1,3,5-Trimethylbenzene
Concen: 1.833 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:105 Resp: 7605
Ion Ratio Lower Upper
105 100
120 45.1 34.4 51.6

Instrument :
MSVOA_X
ClientSampleId :
MDL01

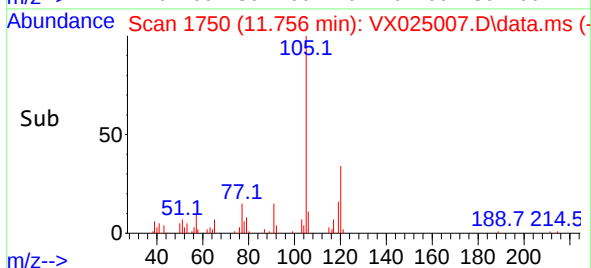
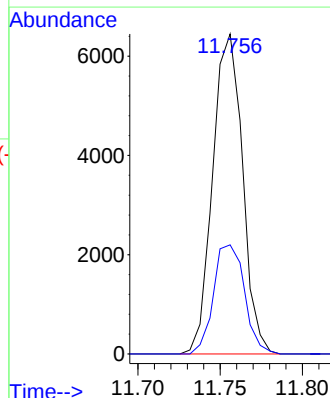
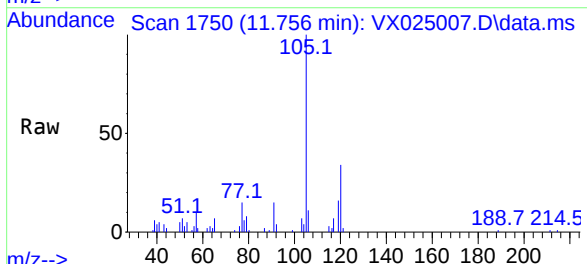
Manual Integrations
APPROVED

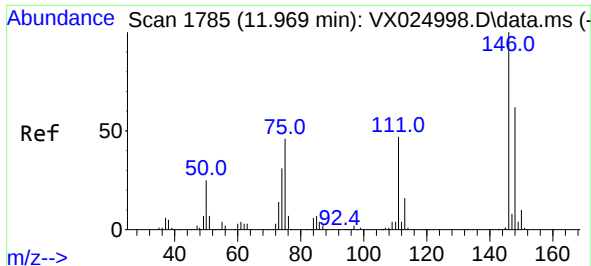
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#63
1,2,4-Trimethylbenzene
Concen: 1.958 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:105 Resp: 8145
Ion Ratio Lower Upper
105 100
120 35.4 31.0 46.6





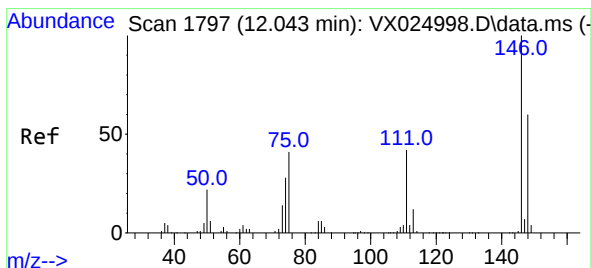
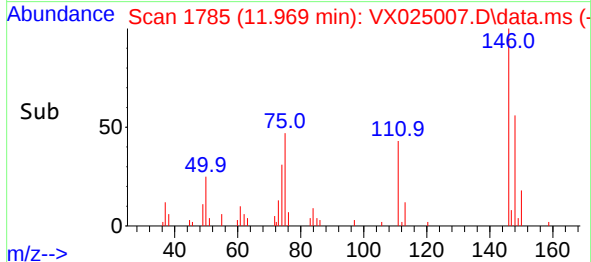
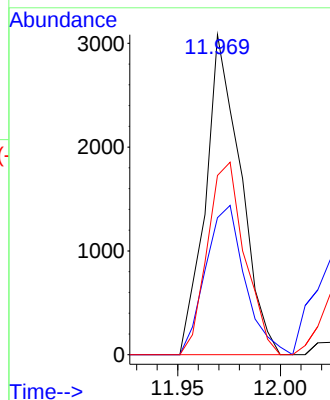
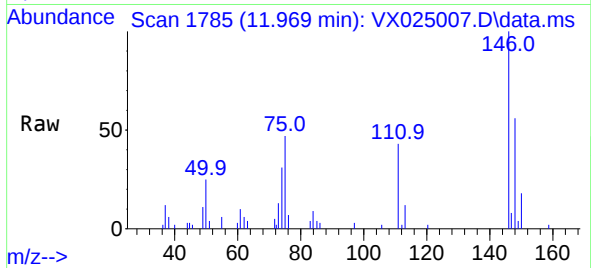
#64
1,3-Dichlorobenzene
Concen: 1.965 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	146	Resp:	3663
Ion Ratio	Lower	Upper	
146	100		
111	42.8	31.1	57.9
148	56.0	43.2	80.2

Instrument :
MSVOA_X
ClientSampled :
MDL01

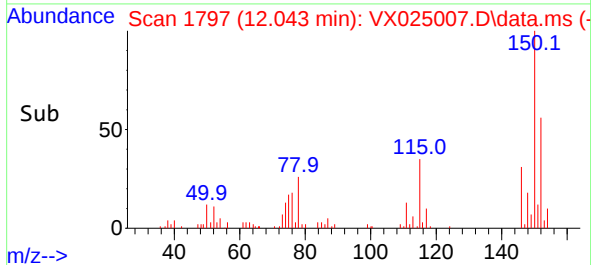
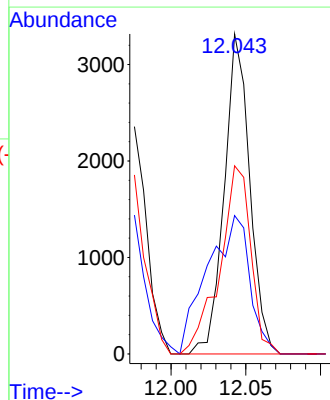
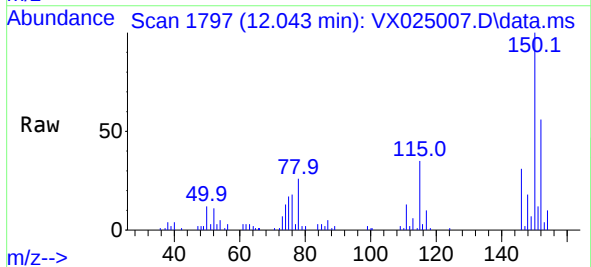
Manual Integrations
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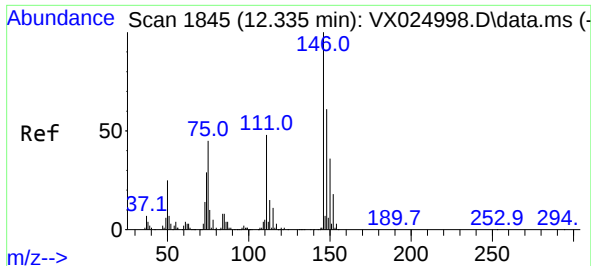
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#65
1,4-Dichlorobenzene
Concen: 2.039 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	146	Resp:	3930
Ion Ratio	Lower	Upper	
146	100		
111	43.2	31.8	59.0
148	58.8	46.1	85.5





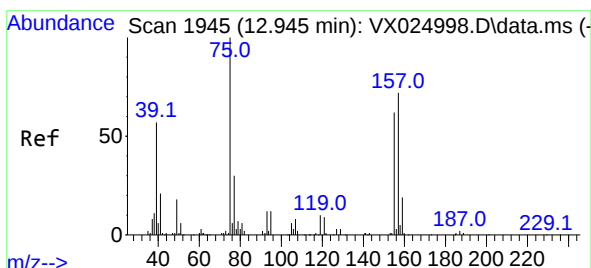
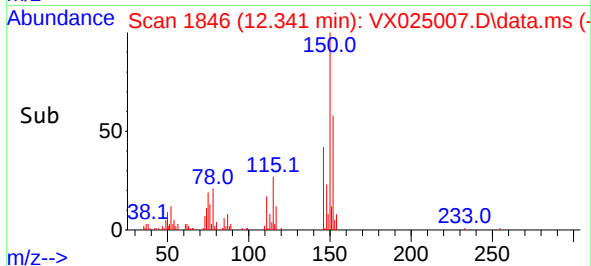
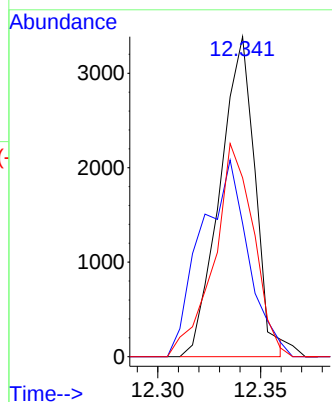
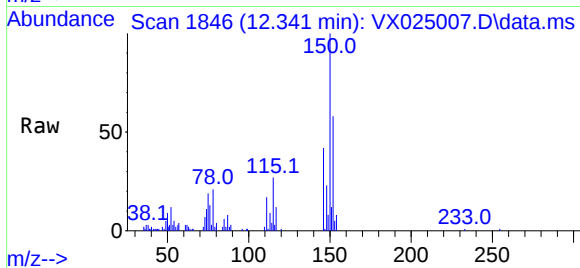
#67
1,2-Dichlorobenzene
Concen: 2.112 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion: 146 Resp: 4021
Ion Ratio Lower Upper
146 100
111 41.7 38.5 57.7
148 55.9 53.2 79.8

Instrument :
MSVOA_X
ClientSampled :
MDL01

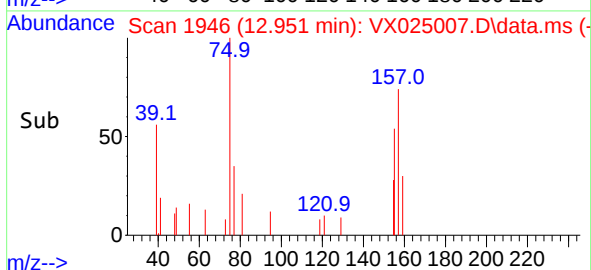
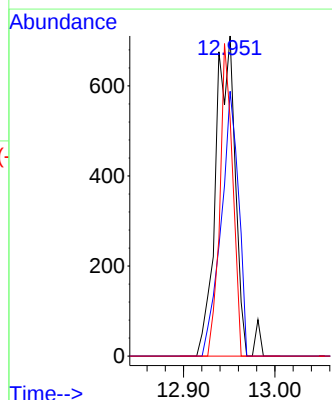
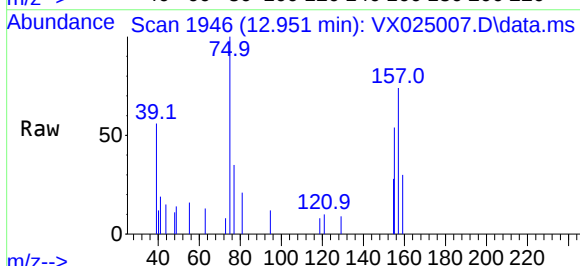
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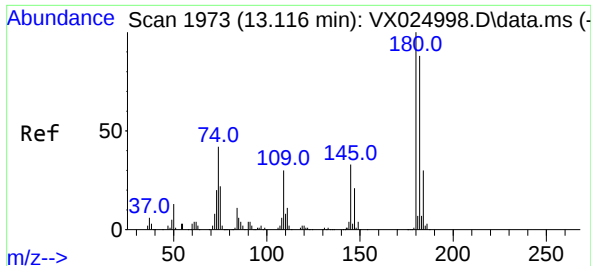
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.156 ug/L
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

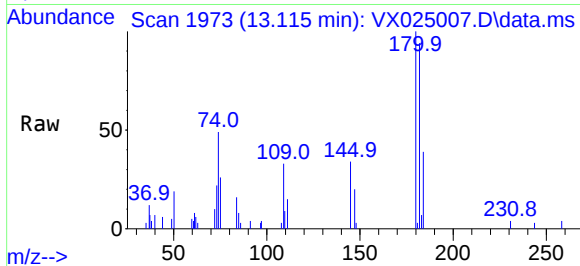
Tgt Ion: 75 Resp: 1076
Ion Ratio Lower Upper
75 100
155 82.7 59.3 88.9
157 74.3 68.7 103.1





#69
1,3,5-Trichlorobenzene
Concen: 2.017 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

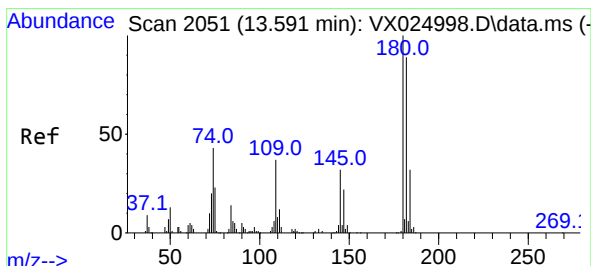
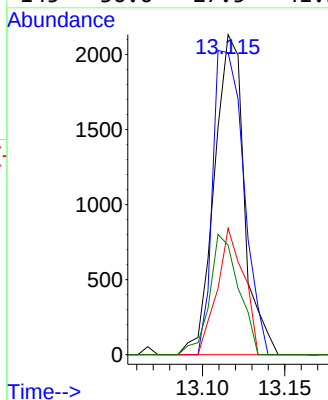
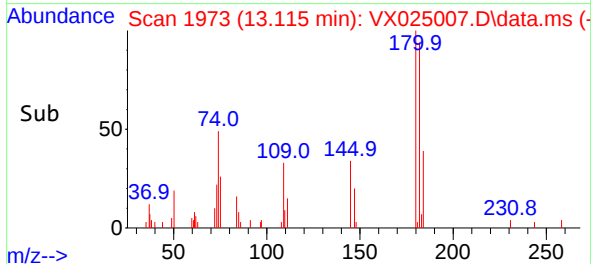
Instrument :
MSVOA_X
ClientSampled :
MDL01



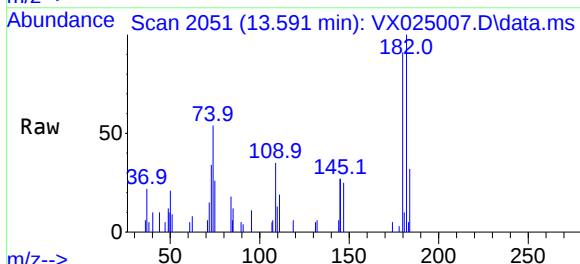
Tgt Ion:	180	Resp:	2700
Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.2	111.4
184	35.1	23.7	35.5
145	36.6	27.5	41.3

Manual Integrations
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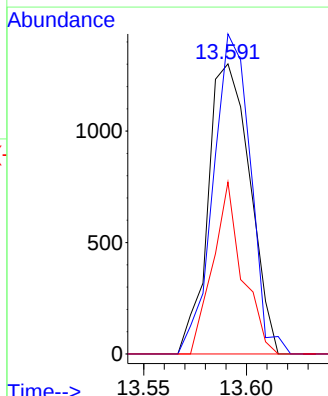
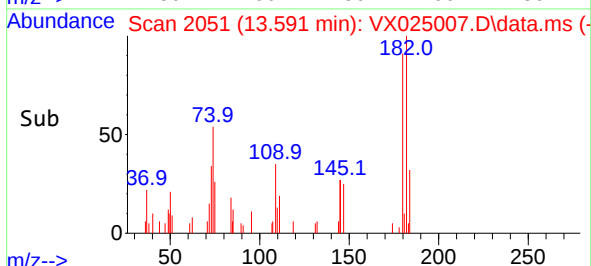
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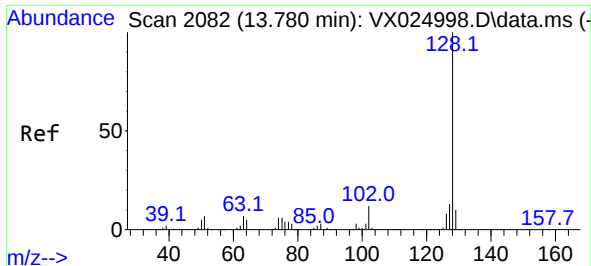


#70
1,2,4-trichlorobenzene
Concen: 1.628 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30



Tgt Ion:	180	Resp:	1848
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	41.8	28.8	43.2





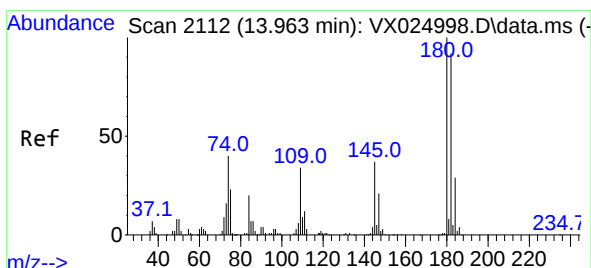
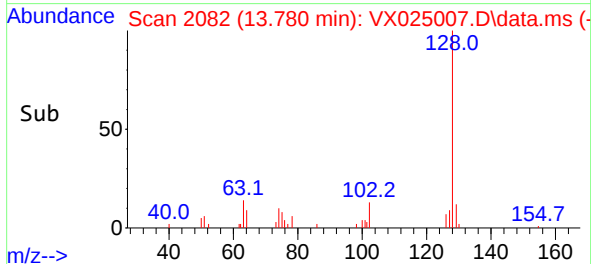
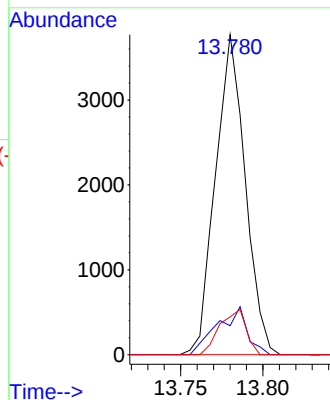
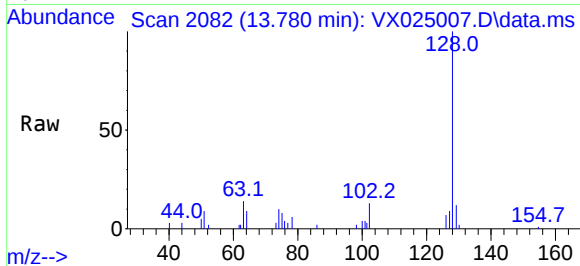
#71
Naphthalene
Concen: 1.210 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	128	Resp:	4749
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	15.8
129	12.5	9.1	13.7

Instrument :
MSVOA_X
ClientSampleId :
MDL01

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 1.860 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025007.D
Acq: 28 Oct 2021 15:30

Tgt Ion:	180	Resp:	2171
Ion	Ratio	Lower	Upper
180	100		
182	88.6	73.3	109.9
145	39.3	29.0	43.4

