

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102821\
 Data File : VX025010.D
 Acq On : 28 Oct 2021 16:39
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda

11/1/2021 12:59:07 PM

Quant Time: Oct 29 06:50:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	141121	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	125951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	45725	50.830	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	101.660%	
7) Chloroethane-d5	1.672	69	34527	56.151	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	112.300%	
11) 1,1-Dichloroethene-d2	2.306	63	89038	40.167	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	80.340%	
21) 2-Butanone-d5	4.471	46	100465	111.810	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	111.810%	
24) Chloroform-d	5.068	84	125096	53.146	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.300%	
26) 1,2-Dichloroethane-d4	5.964	65	95127	55.111	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	110.220%	
32) Benzene-d6	5.976	84	200917	56.201	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	112.400%	
36) 1,2-Dichloropropane-d6	7.312	67	70932	58.221	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	116.440%	
41) Toluene-d8	8.653	98	190643	55.741	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	111.480%	
43) trans-1,3-Dichloroprop...	8.951	79	38971	55.662	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	111.320%	
47) 2-Hexanone-d5	9.390	63	73979	119.265	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	119.260%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	93601	56.816	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	113.640%	
66) 1,2-Dichlorobenzene-d4	12.323	152	63204	59.526	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	119.060%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	3106	2.345	ug/L	93
3) Chloromethane	1.288	50	2414	2.621	ug/L #	70
5) Vinyl chloride	1.374	62	2513	2.425	ug/L #	78
6) Bromomethane	1.617	94	1741	2.611	ug/L	100
8) Chloroethane	1.691	64	1765m	3.371	ug/L	
9) Trichlorofluoromethane	1.892	101	4983	2.166	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	3006	2.881	ug/L #	82
12) 1,1-Dichloroethene	2.325	96	2443	2.783	ug/L #	1
13) Acetone	2.392	43	4247m	4.973	ug/L	
14) Carbon disulfide	2.514	76	5332	2.241	ug/L #	92
15) Methyl Acetate	2.715	43	3348	2.711	ug/L #	60
16) Methylene chloride	2.800	84	3145	3.164	ug/L	91
17) trans-1,2-Dichloroethene	3.099	96	2057	2.289	ug/L	86
18) Methyl tert-butyl Ether	3.117	73	8820	2.376	ug/L #	73
19) 1,1-Dichloroethane	3.617	63	4958	2.374	ug/L #	85
20) cis-1,2-Dichloroethene	4.501	96	3084m	3.037	ug/L	
22) 2-Butanone	4.574	43	4482m	4.263	ug/L	
23) Bromochloromethane	4.910	128	1201	2.367	ug/L #	50
25) Chloroform	5.111	83	5801	2.496	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	5140	2.501	ug/L #	87
29) Cyclohexane	5.483	56	3686	2.159	ug/L #	81
30) 1,1,1-Trichloroethane	5.379	97	5493	2.521	ug/L #	65
31) Carbon tetrachloride	5.684	117	4957m	2.686	ug/L	
33) Benzene	6.050	78	9520	2.441	ug/L	100
34) Trichloroethene	7.129	95	3229	2.745	ug/L	90
35) Methylcyclohexane	7.391	83	4167	2.455	ug/L #	83
37) 1,2-Dichloropropane	7.440	63	3139	2.829	ug/L #	93
38) Bromodichloromethane	7.830	83	3897	2.299	ug/L	82
39) cis-1,3-Dichloropropene	8.378	75	4158	2.306	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	8402	4.877	ug/L #	83
42) Toluene	8.726	91	13732	3.218	ug/L	87
44) trans-1,3-Dichloropropene	8.988	75	4332	2.334	ug/L	87
45) 1,1,2-Trichloroethane	9.159	97	2661	2.562	ug/L #	85
46) Tetrachloroethene	9.275	164	1514	2.062	ug/L #	79
48) 2-Hexanone	9.439	43	6373	4.475	ug/L #	92
49) Dibromochloromethane	9.525	129	2865	2.451	ug/L	98
50) 1,2-Dibromoethane	9.616	107	2938	2.564	ug/L #	90
51) Chlorobenzene	10.085	112	6018	2.358	ug/L #	81
52) Ethylbenzene	10.195	91	11085	2.251	ug/L	91
53) m,p-Xylene	10.305	106	3725	2.199	ug/L	81
54) o-Xylene	10.646	106	3657	2.209	ug/L	91
55) Styrene	10.659	104	6272	2.240	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.213	83	4470	2.675	ug/L #	92
59) Bromoform	10.799	173	1597	2.369	ug/L #	79
60) Isopropylbenzene	10.963	105	9996	2.397	ug/L #	94
61) 1,2,3-Trichloropropane	11.244	75	3628	2.722	ug/L	92
62) 1,3,5-Trimethylbenzene	11.457	105	8670	2.400	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	9217	2.545	ug/L	95
64) 1,3-Dichlorobenzene	11.975	146	4397	2.709	ug/L	95
65) 1,4-Dichlorobenzene	12.049	146	4277	2.548	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	4691	2.829	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.945	75	859m	1.976	ug/L	
69) 1,3,5-Trichlorobenzene	13.115	180	2639	2.264	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	2214	2.241	ug/L #	90
71) Naphthalene	13.780	128	5837	1.708	ug/L	96
72) 1,2,3-Trichlorobenzene	13.969	180	2089	2.056	ug/L	92

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

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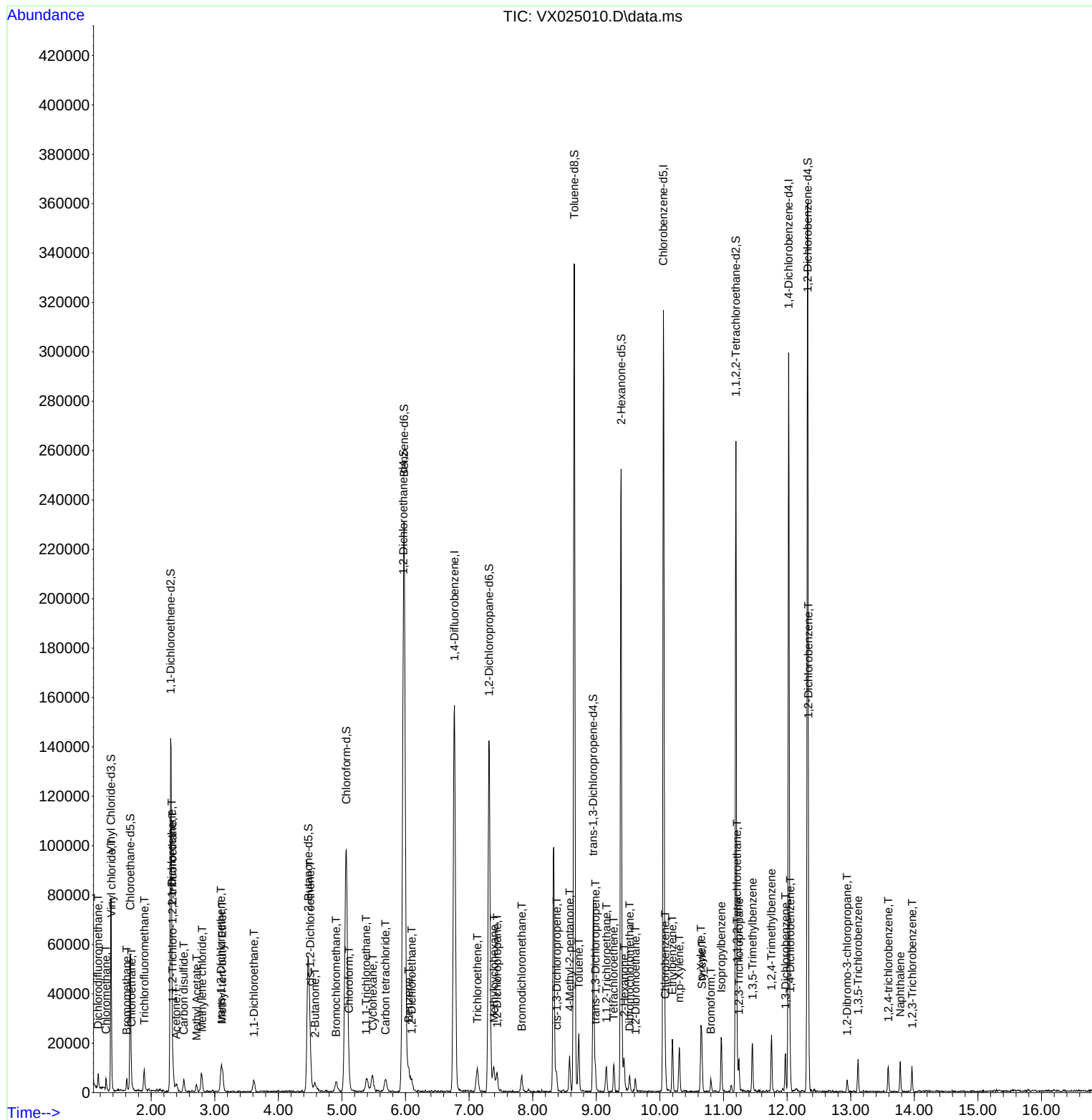
Instrument :
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ClientSampleId :
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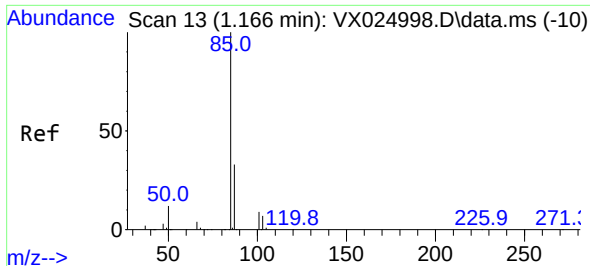
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#2
Dichlorodifluoromethane
Concen: 2.345 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

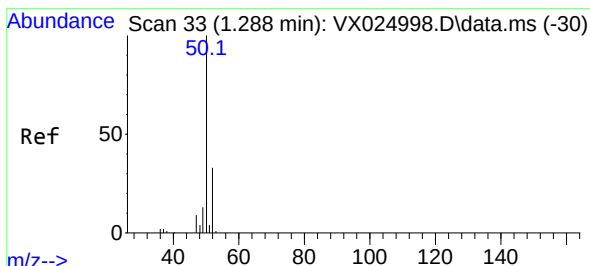
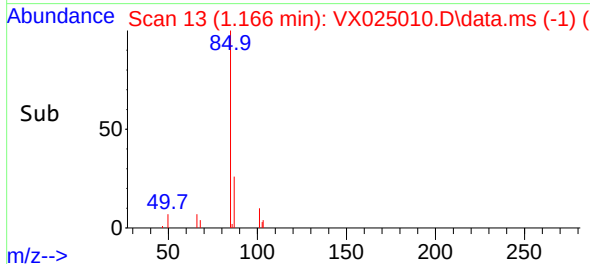
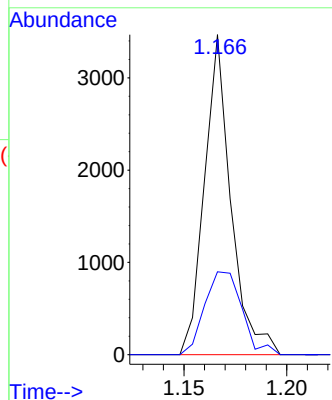
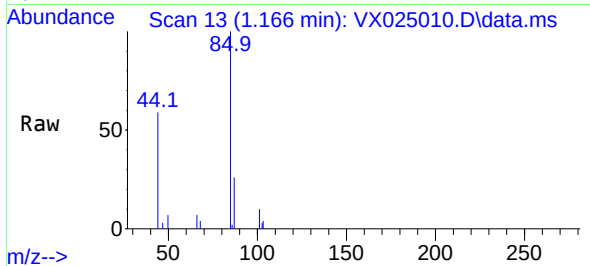
Tgt Ion: 85 Resp: 3106
Ion Ratio Lower Upper
85 100
87 35.3 25.3 37.9

Instrument :
MSVOA_X
ClientSampleId :
MDL02

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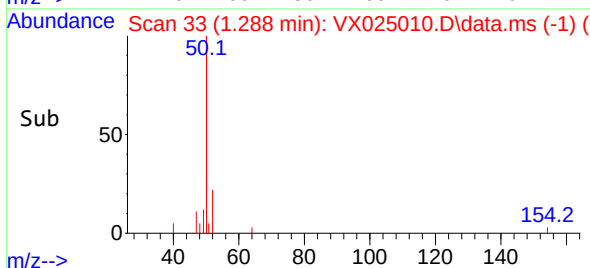
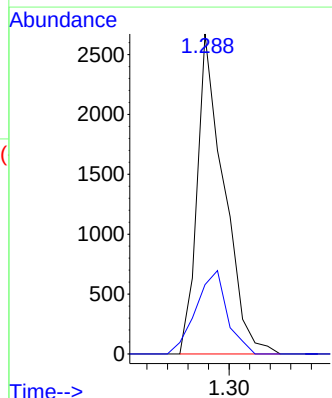
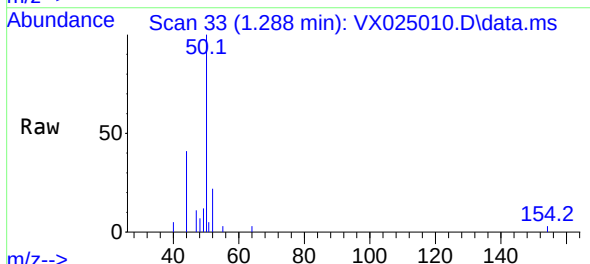
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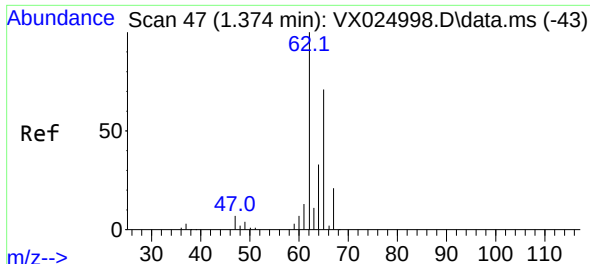
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#3
Chloromethane
Concen: 2.621 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 50 Resp: 2414
Ion Ratio Lower Upper
50 100
52 21.7 28.0 52.0#





#5
Vinyl chloride
Concen: 2.425 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

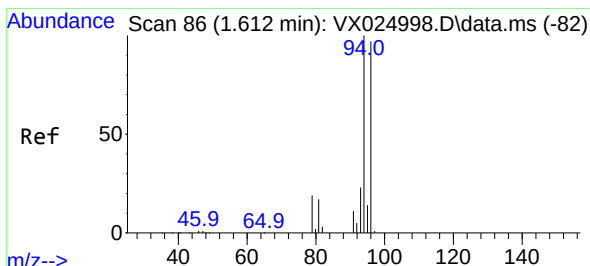
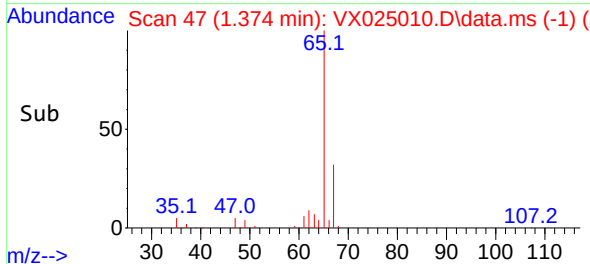
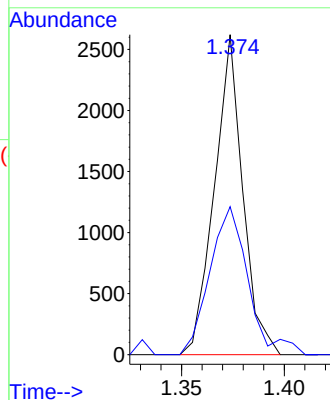
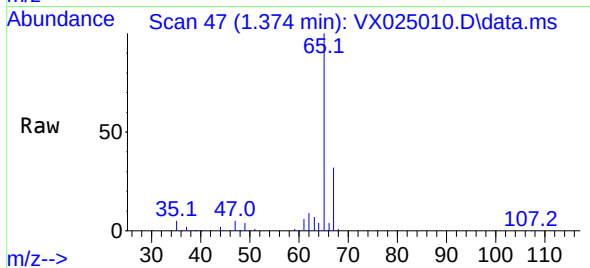
Tgt Ion: 62 Resp: 2513
Ion Ratio Lower Upper
62 100
64 46.2 23.6 43.8#

Instrument :
MSVOA_X
ClientSampleId :
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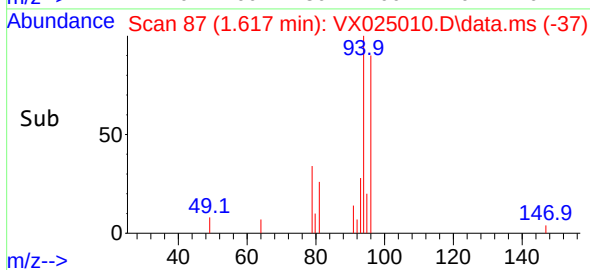
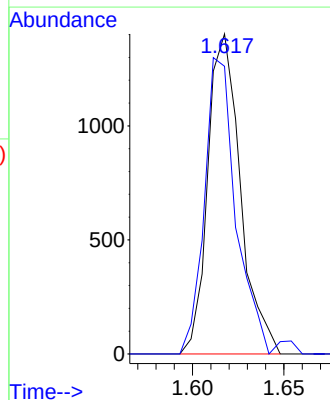
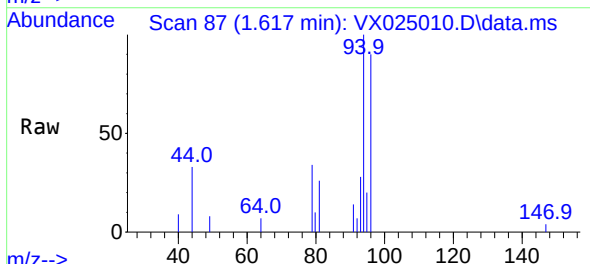
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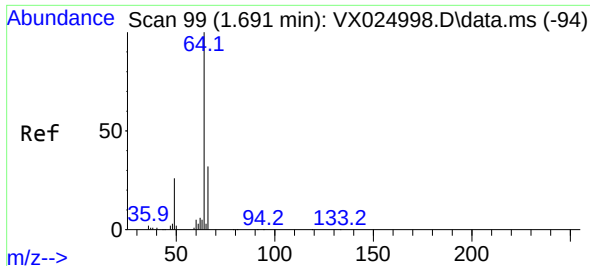
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#6
Bromomethane
Concen: 2.611 ug/L
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 94 Resp: 1741
Ion Ratio Lower Upper
94 100
96 89.9 62.9 116.9





#8
Chloroethane
Concen: 3.371 ug/L m
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

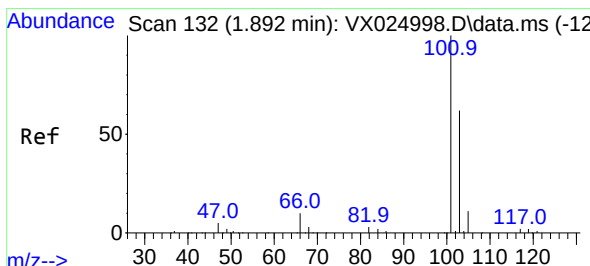
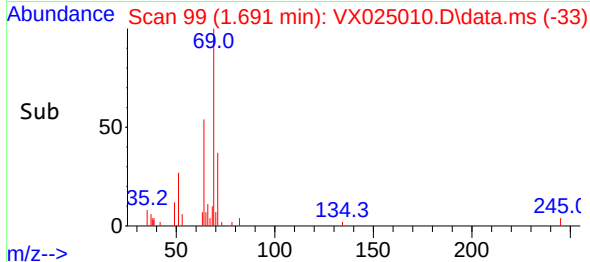
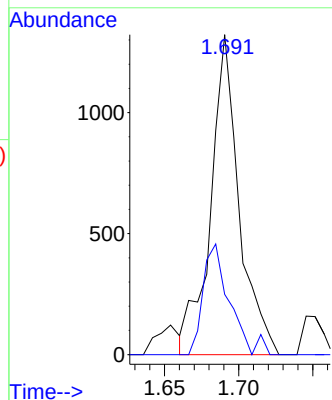
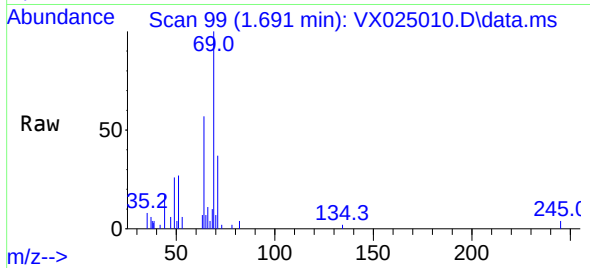
Tgt Ion: 64 Resp: 1765
Ion Ratio Lower Upper
64 100
66 18.8 23.3 43.3#

Instrument :
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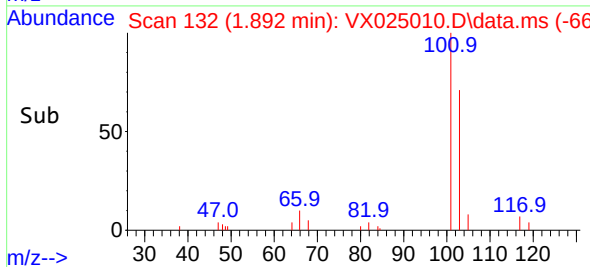
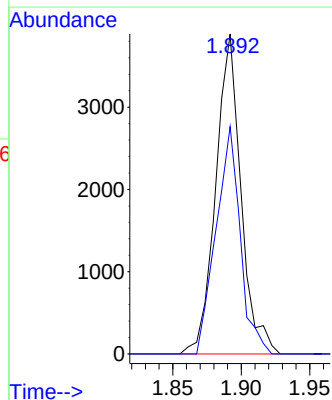
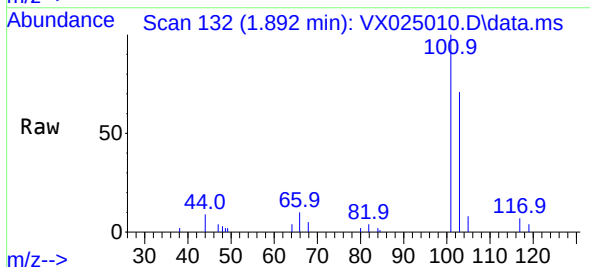
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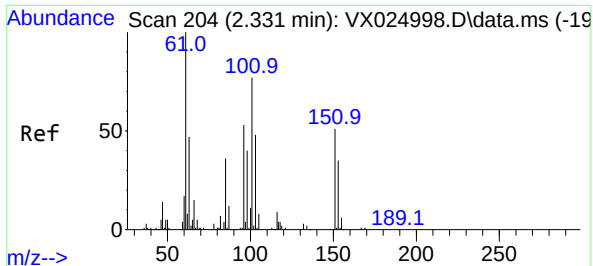
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#9
Trichlorofluoromethane
Concen: 2.166 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 101 Resp: 4983
Ion Ratio Lower Upper
101 100
103 68.1 51.4 77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.881 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

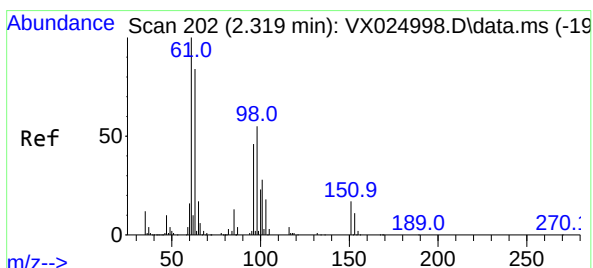
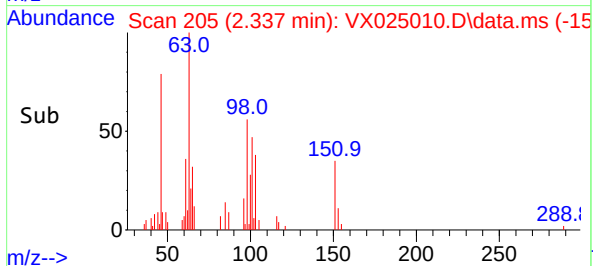
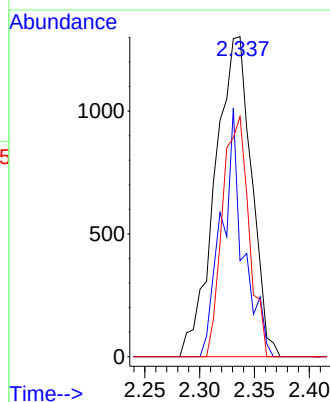
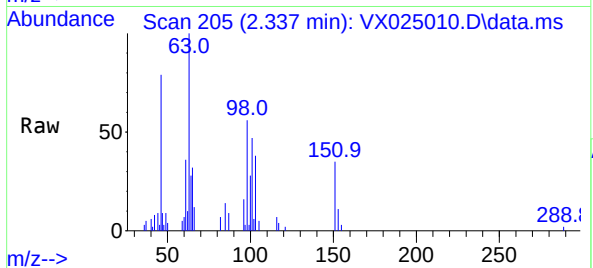
Tgt Ion: 101 Resp: 3006
Ion Ratio Lower Upper
101 100
85 46.1 35.3 52.9
151 54.5 62.3 93.5#

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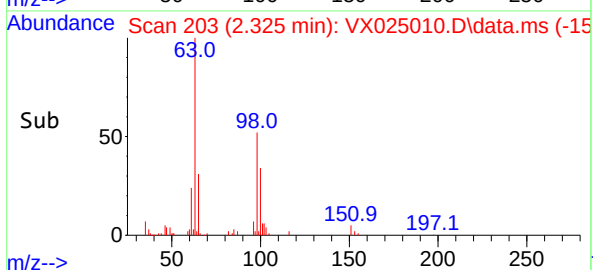
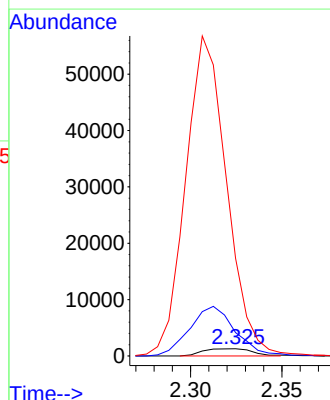
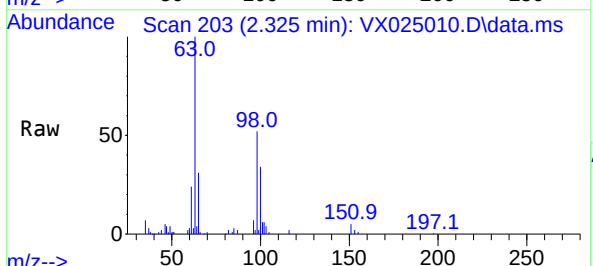
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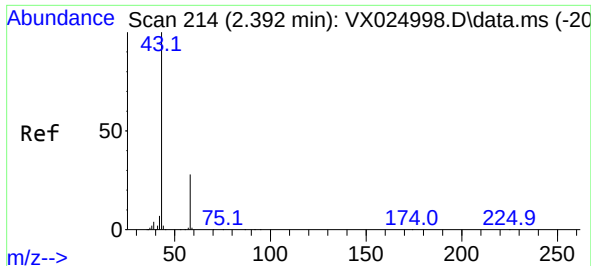
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#12
1,1-Dichloroethene
Concen: 2.783 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 96 Resp: 2443
Ion Ratio Lower Upper
96 100
61 324.8 109.9 204.1#
63 1361.4 92.4 171.6#





#13
Acetone
Concen: 4.973 ug/L m
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

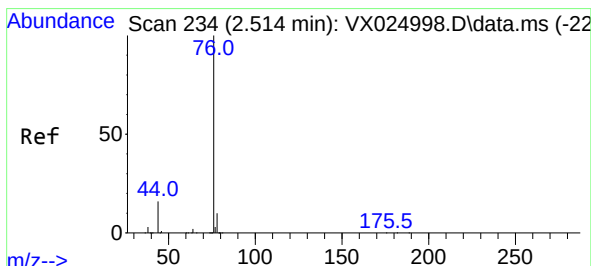
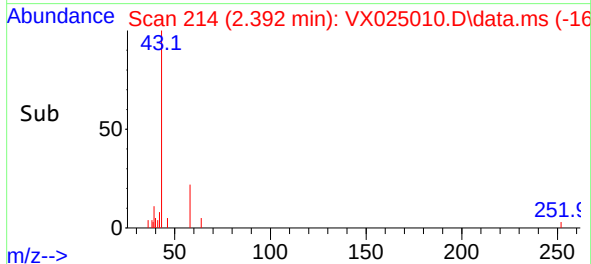
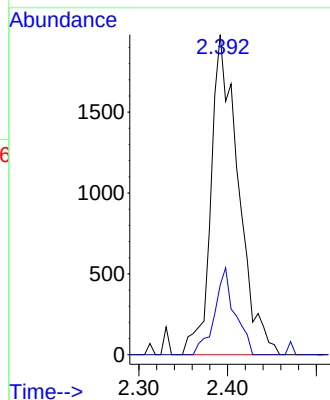
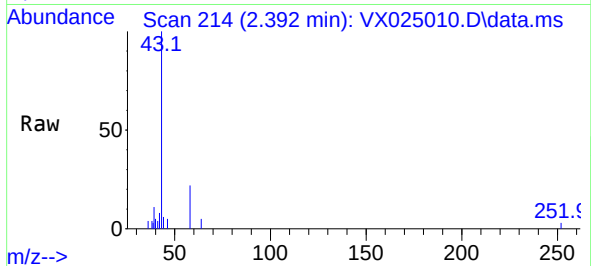
Tgt Ion: 43 Resp: 4247
Ion Ratio Lower Upper
43 100
58 20.0 0.0 64.8

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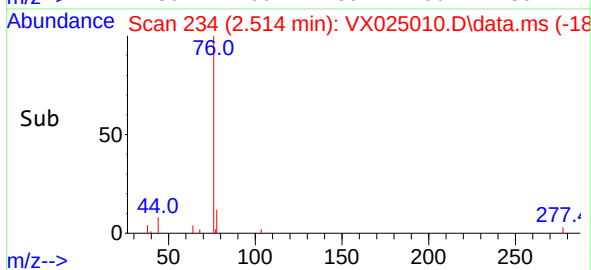
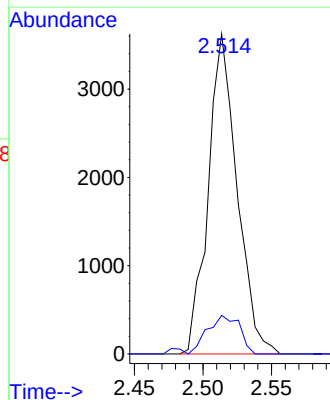
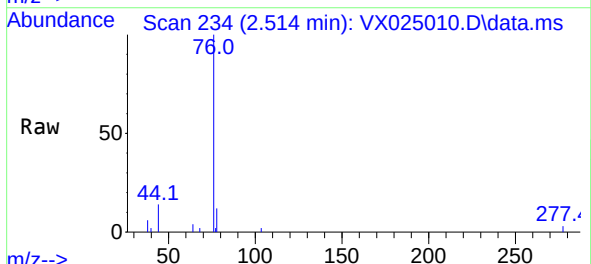
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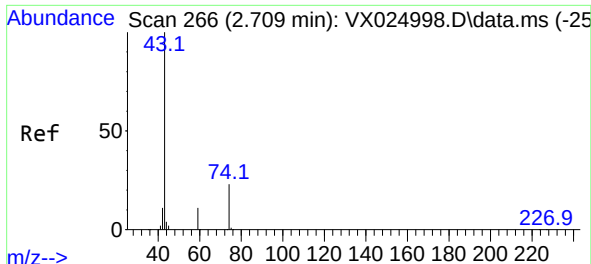
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#14
Carbon disulfide
Concen: 2.241 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 76 Resp: 5332
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#





#15
Methyl Acetate
Concen: 2.711 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

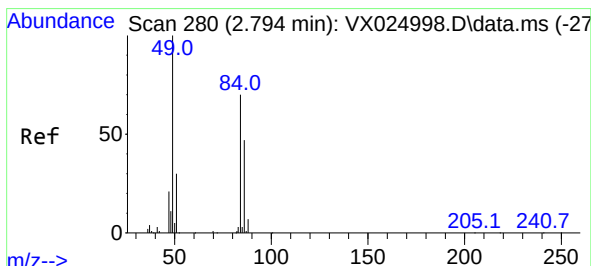
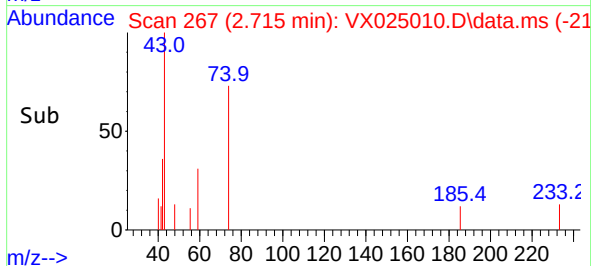
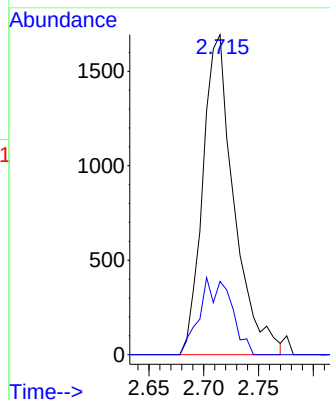
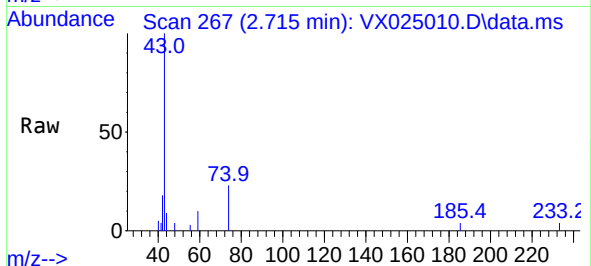
Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
74 12.3 28.6 42.8#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

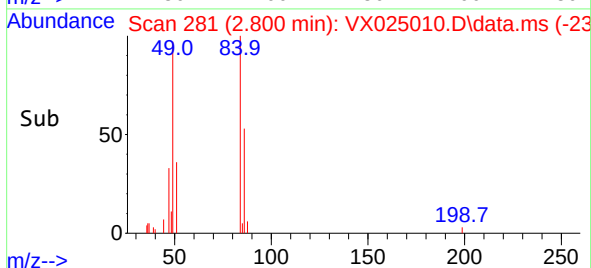
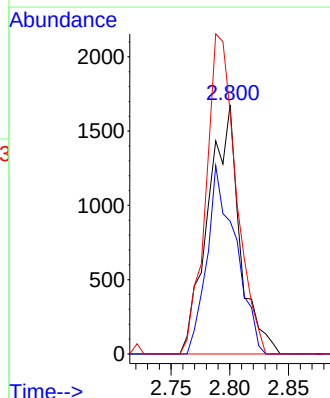
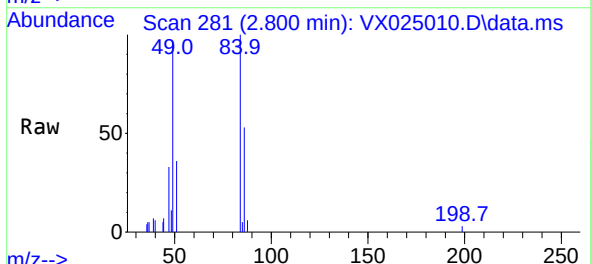
MMDadoda

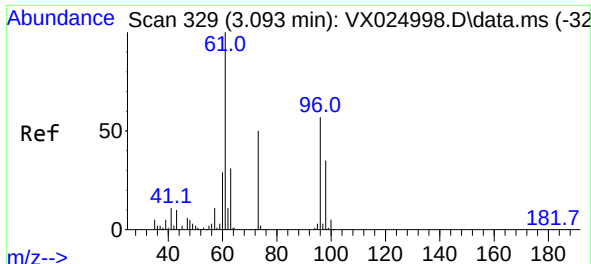
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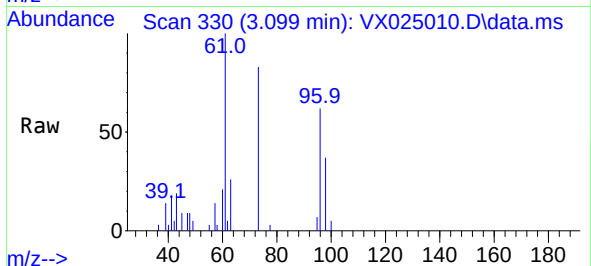
#16
Methylene chloride
Concen: 3.164 ug/L
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 84 Resp: 3145
Ion Ratio Lower Upper
84 100
86 53.3 44.4 82.5
49 97.0 64.0 118.8

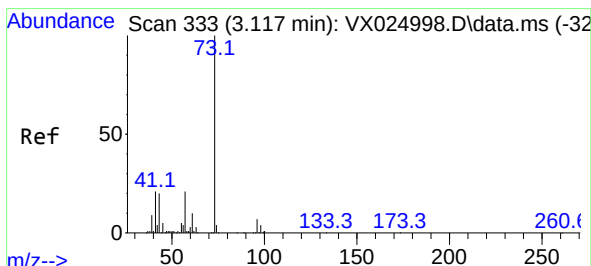
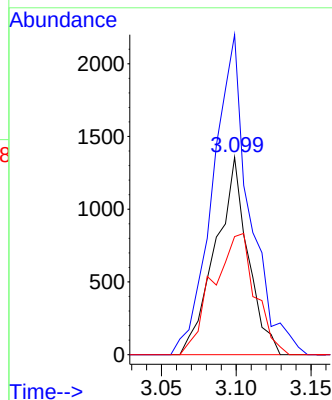
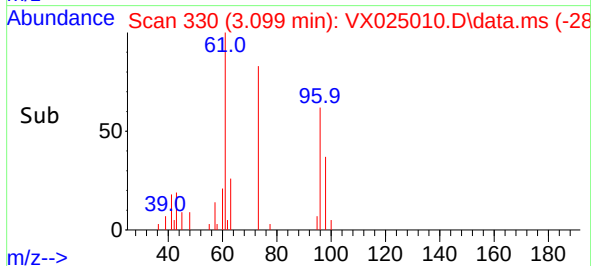




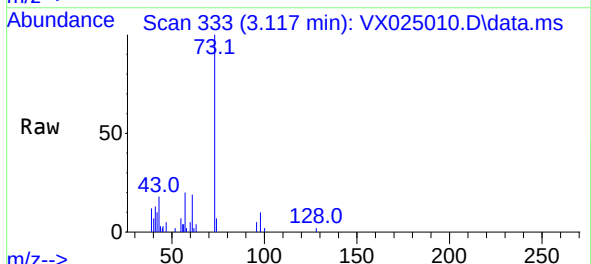
#17
trans-1,2-Dichloroethene
Concen: 2.289 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



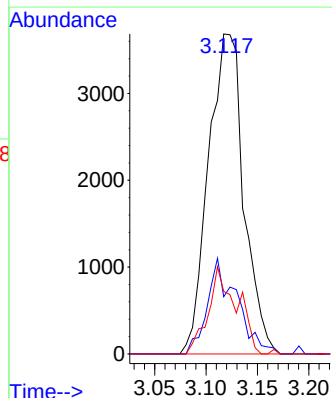
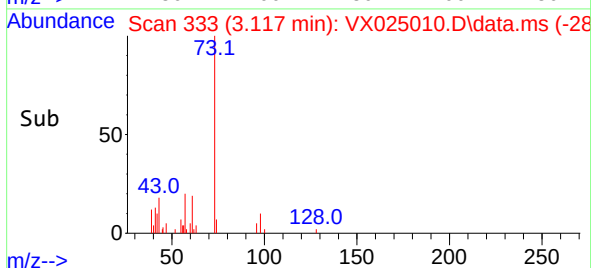
Tgt Ion: 96 Resp: 2057
Ion Ratio Lower Upper
96 100
61 162.1 99.4 184.6
98 59.8 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 2.376 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion: 73 Resp: 8820
Ion Ratio Lower Upper
73 100
43 9.2 12.4 18.6#
57 0.0 13.2 19.8#

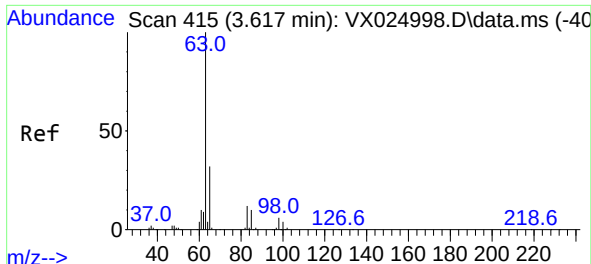


Instrument :
MSVOA_X
ClientSampleId :
MDL02

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#19
1,1-Dichloroethane
Concen: 2.374 ug/L
RT: 3.617 min Scan# 415
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

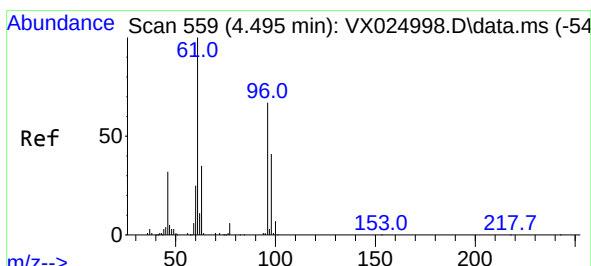
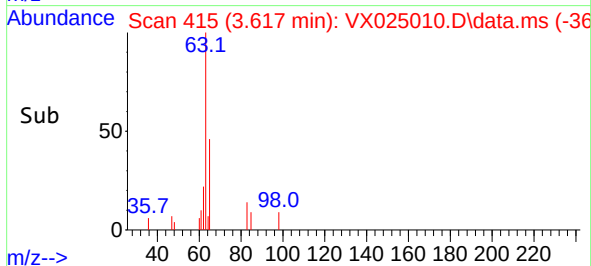
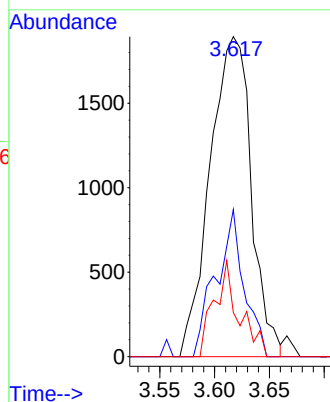
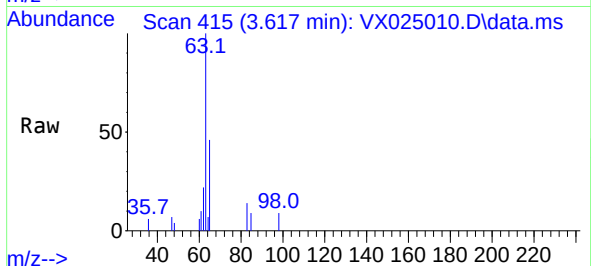
Tgt Ion: 63 Resp: 4958
Ion Ratio Lower Upper
63 100
65 45.9 24.5 45.5#
83 13.8 11.7 21.7

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

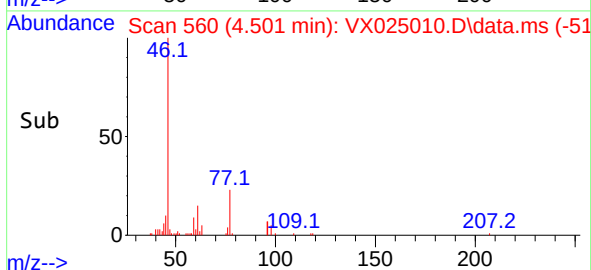
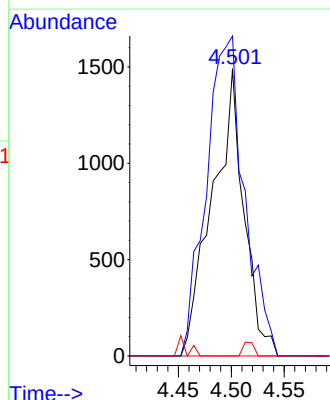
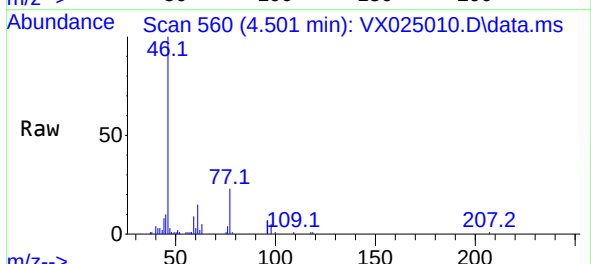
MMDadoda

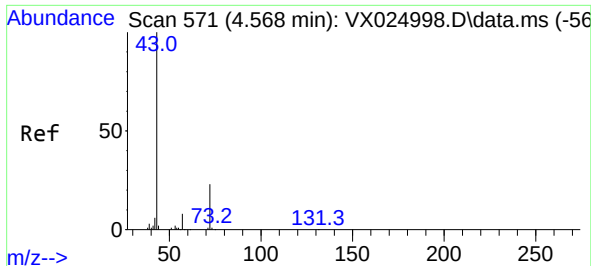
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#20
cis-1,2-Dichloroethene
Concen: 3.037 ug/L m
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 96 Resp: 3084
Ion Ratio Lower Upper
96 100
61 222.7 82.6 153.4#
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 4.263 ug/L m
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

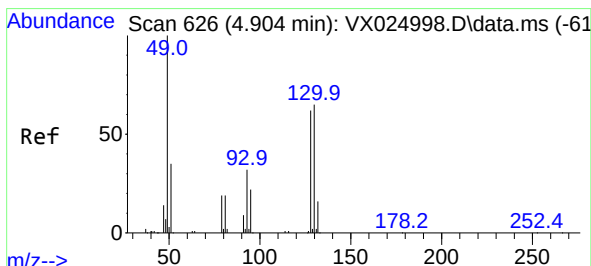
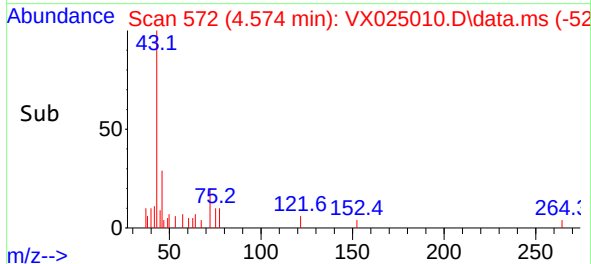
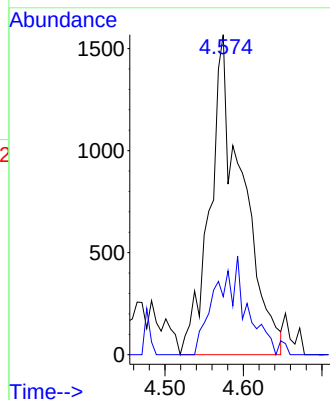
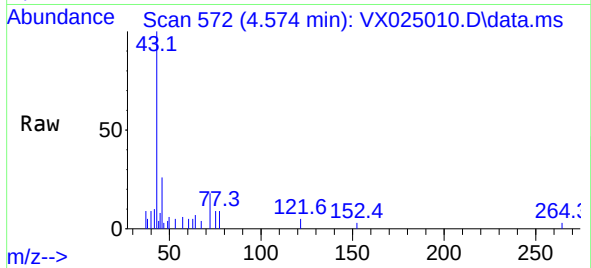
Tgt Ion: 43 Resp: 4482
Ion Ratio Lower Upper
43 100
72 11.7 18.4 55.0#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

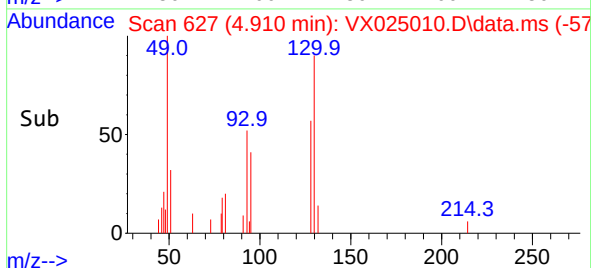
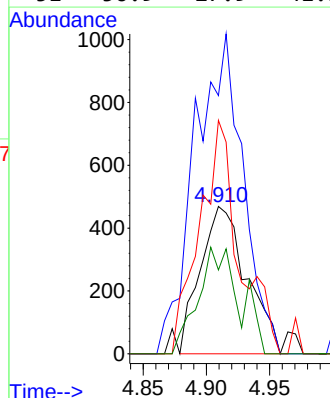
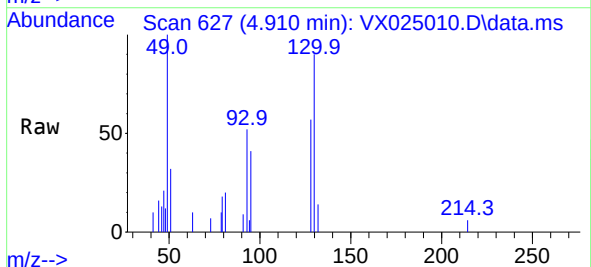
MMDadoda

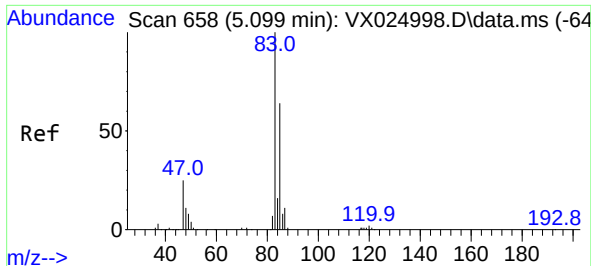
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#23
Bromochloromethane
Concen: 2.367 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 128 Resp: 1201
Ion Ratio Lower Upper
128 100
49 175.3 71.5 132.7#
130 158.4 84.3 156.5#
51 56.9 27.9 41.9#





#25
Chloroform
Concen: 2.496 ug/L
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

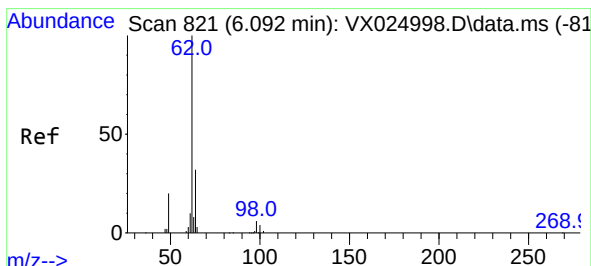
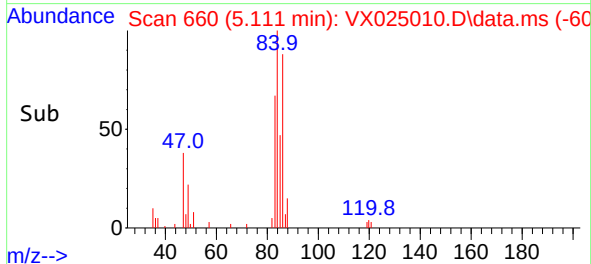
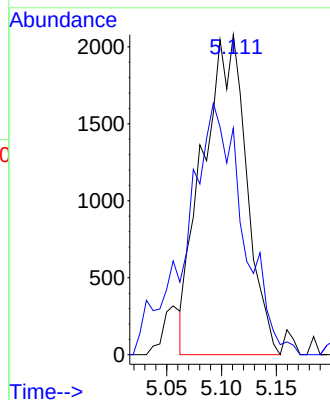
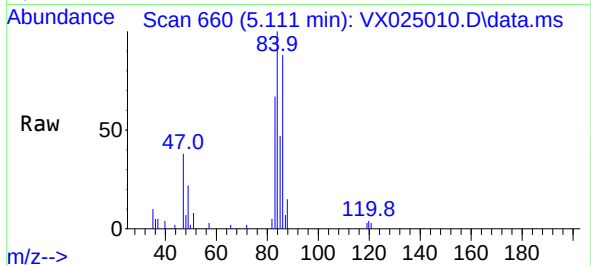
Tgt Ion: 83 Resp: 5801
Ion Ratio Lower Upper
83 100
85 70.9 46.3 86.1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
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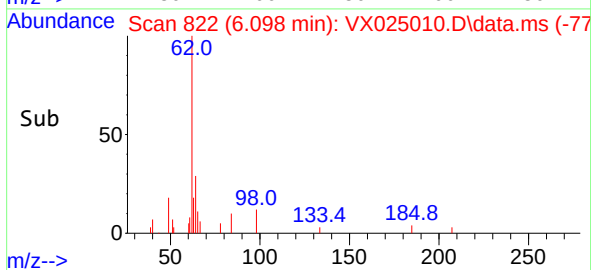
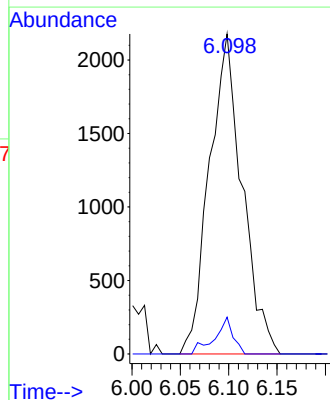
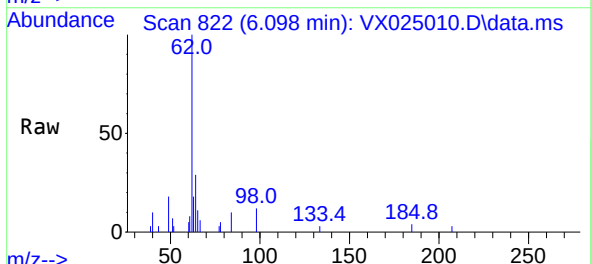
MMDadoda

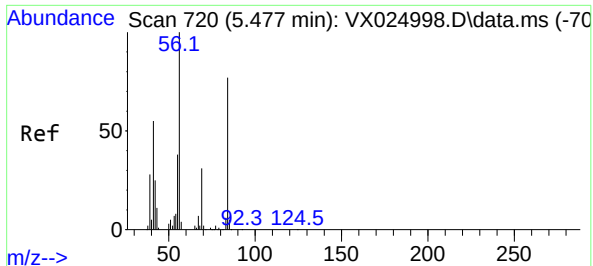
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#27
1,2-Dichloroethane
Concen: 2.501 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 62 Resp: 5140
Ion Ratio Lower Upper
62 100
98 11.5 5.5 8.3#





#29

Cyclohexane

Concen: 2.159 ug/L

RT: 5.483 min Scan# 721

Delta R.T. 0.006 min

Lab File: VX025010.D

Acq: 28 Oct 2021 16:39

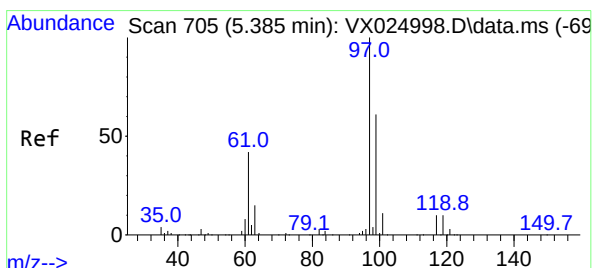
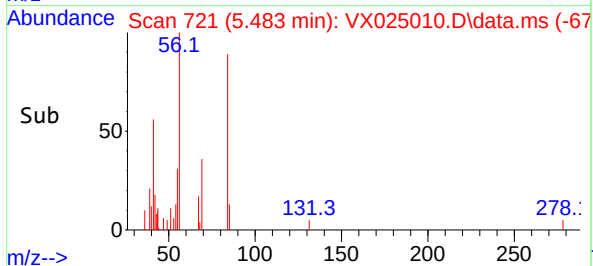
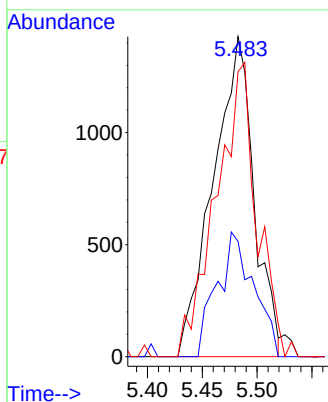
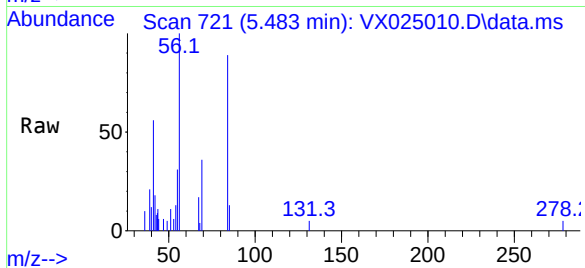
Tgt Ion:	56	Resp:	3686
Ion	Ratio	Lower	Upper
56	100		
69	23.9	30.8	46.2#
84	91.0	86.8	130.2

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 2.521 ug/L

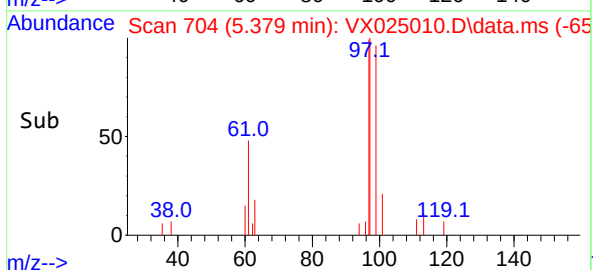
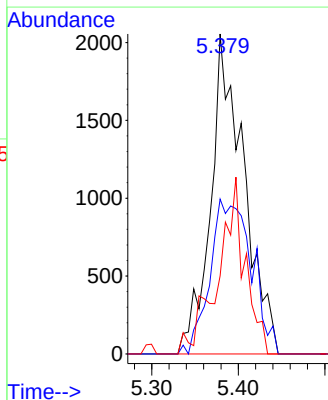
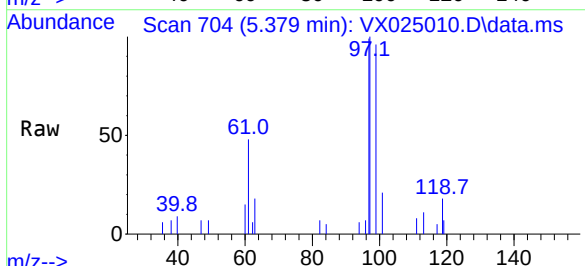
RT: 5.379 min Scan# 704

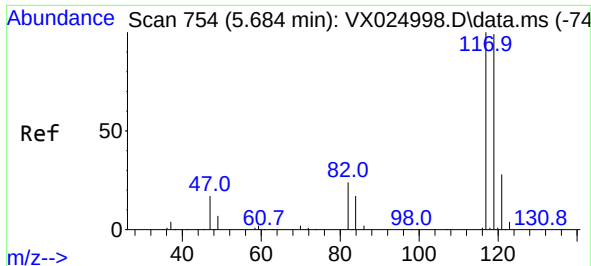
Delta R.T. -0.006 min

Lab File: VX025010.D

Acq: 28 Oct 2021 16:39

Tgt Ion:	97	Resp:	5493
Ion	Ratio	Lower	Upper
97	100		
99	25.2	53.1	79.7#
61	34.0	26.3	39.5





#31
Carbon tetrachloride
Concen: 2.686 ug/L m
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

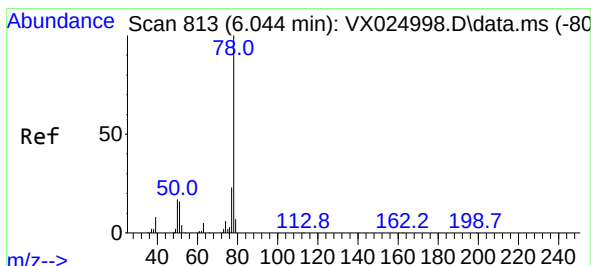
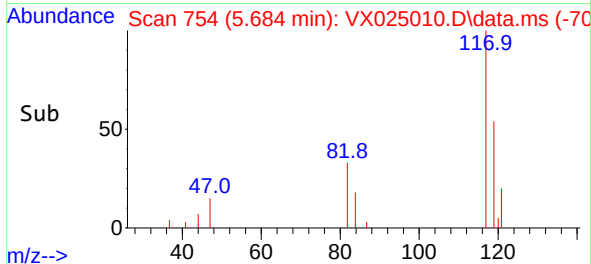
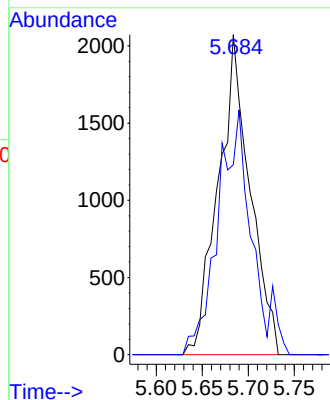
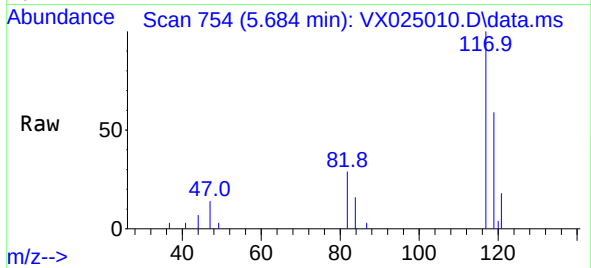
Tgt Ion:117 Resp: 4957
Ion Ratio Lower Upper
117 100
119 2.7 76.0 114.0#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

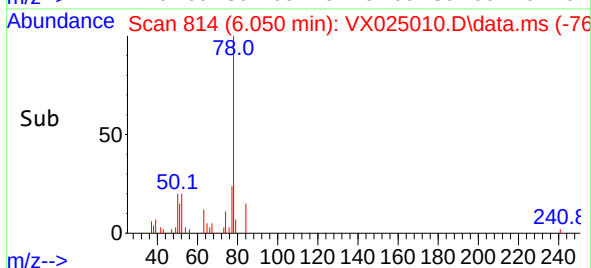
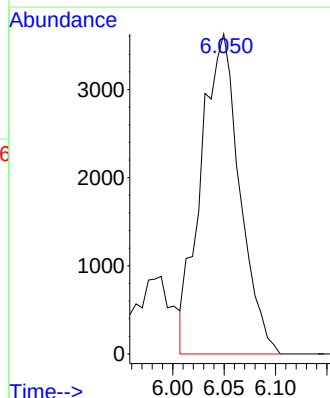
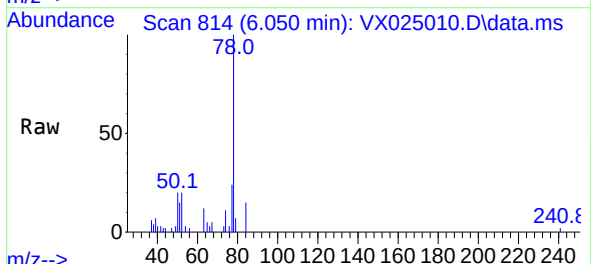
MMDadoda

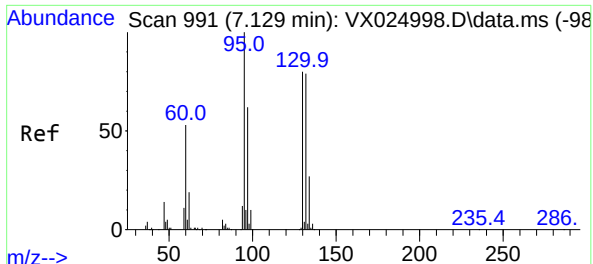
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#33
Benzene
Concen: 2.441 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 78 Resp: 9520





#34

Trichloroethene

Concen: 2.745 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025010.D

Acq: 28 Oct 2021 16:39

Tgt Ion: 95 Resp: 3229

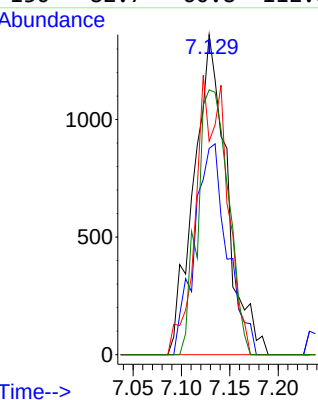
Ion Ratio Lower Upper

95 100

97 64.4 44.2 82.2

132 66.7 60.1 111.5

130 82.7 60.8 112.8



Instrument :

MSVOA_X

ClientSampleId :

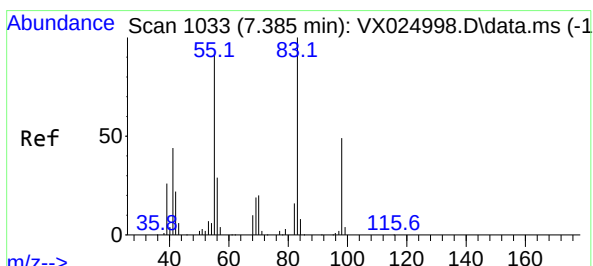
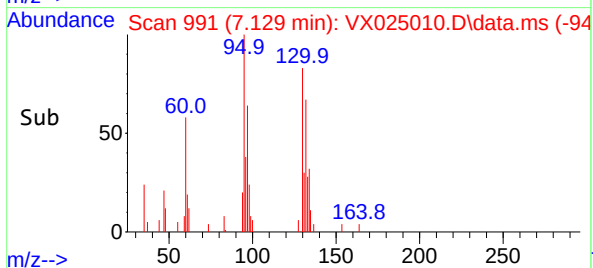
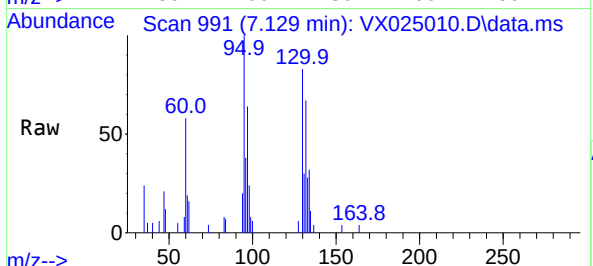
MDL02

Manual Integrations

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MMDadoda

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#35

Methylcyclohexane

Concen: 2.455 ug/L

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX025010.D

Acq: 28 Oct 2021 16:39

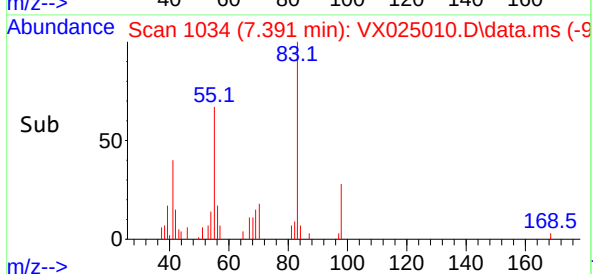
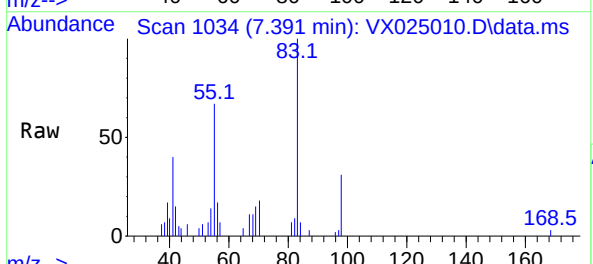
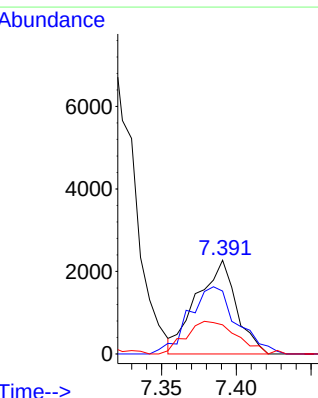
Tgt Ion: 83 Resp: 4167

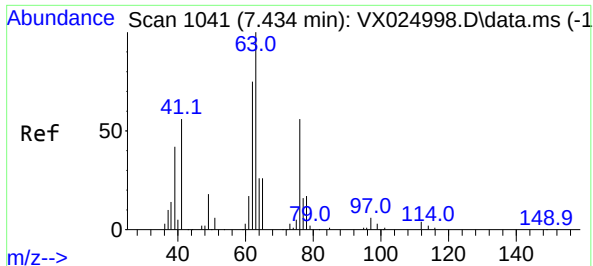
Ion Ratio Lower Upper

83 100

55 86.5 52.6 79.0#

98 44.4 37.9 56.9





#37
1,2-Dichloropropane
Concen: 2.829 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

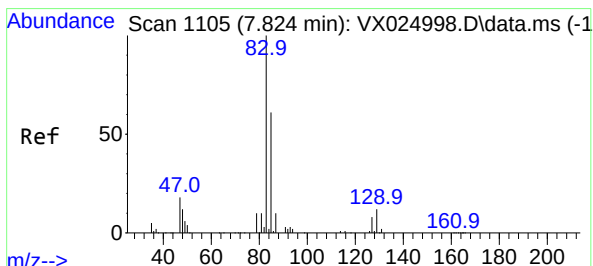
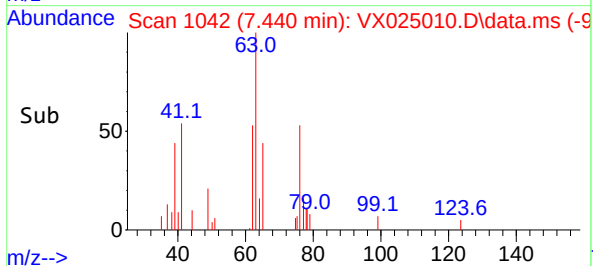
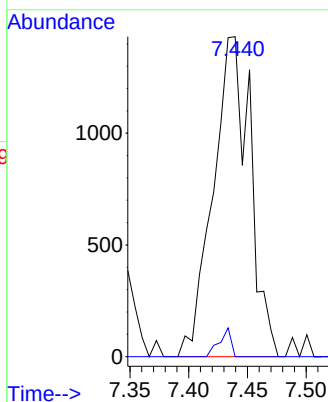
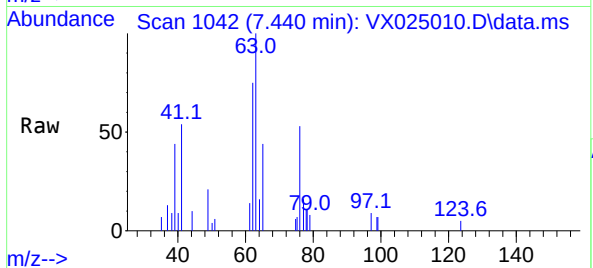
Tgt Ion: 63 Resp: 3139
Ion Ratio Lower Upper
63 100
112 2.8 4.0 6.0#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
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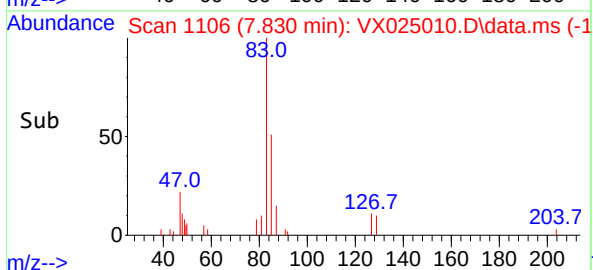
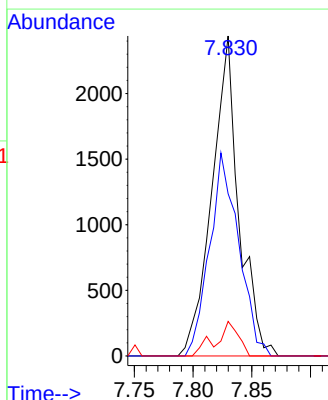
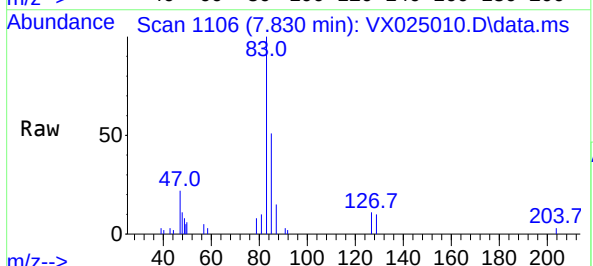
MMDadoda

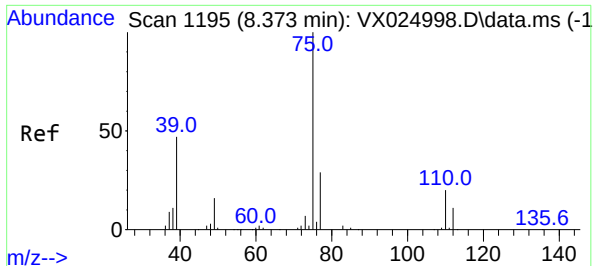
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#38
Bromodichloromethane
Concen: 2.299 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 83 Resp: 3897
Ion Ratio Lower Upper
83 100
85 50.7 46.8 87.0
127 10.8 8.2 12.2





#39
 cis-1,3-Dichloropropene
 Concen: 2.306 ug/L
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: VX025010.D
 Acq: 28 Oct 2021 16:39

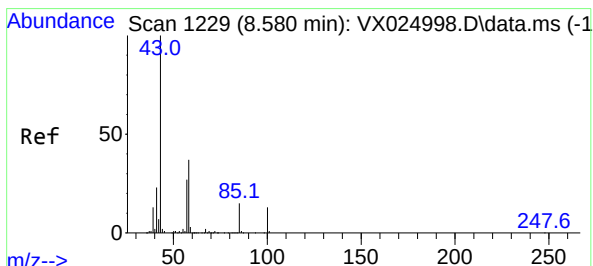
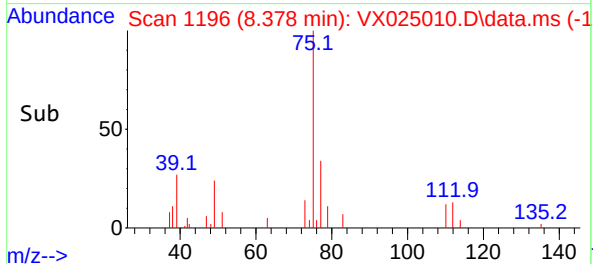
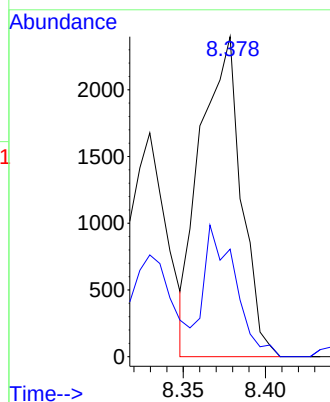
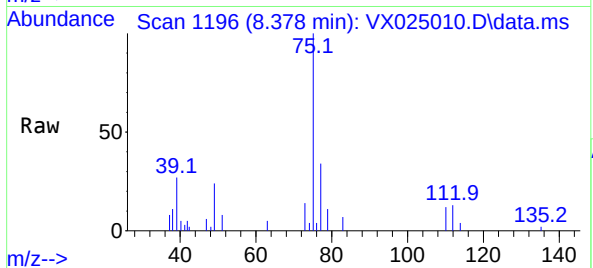
Tgt Ion: 75 Resp: 4158
 Ion Ratio Lower Upper
 75 100
 77 33.6 23.1 42.9

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

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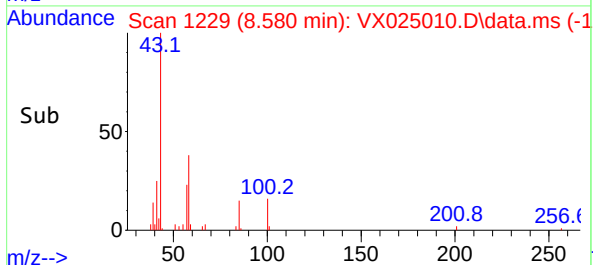
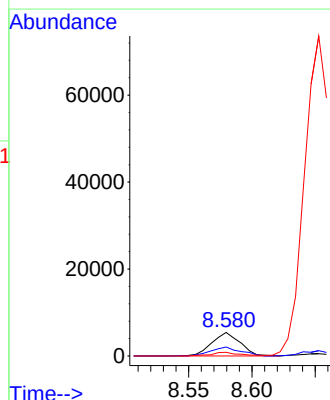
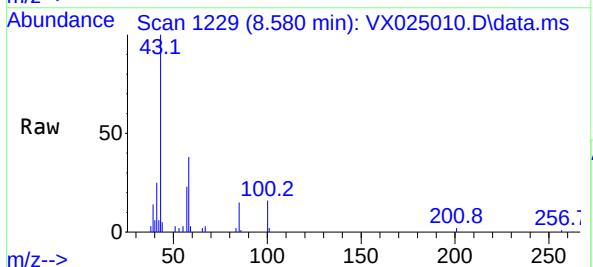
MMDadoda

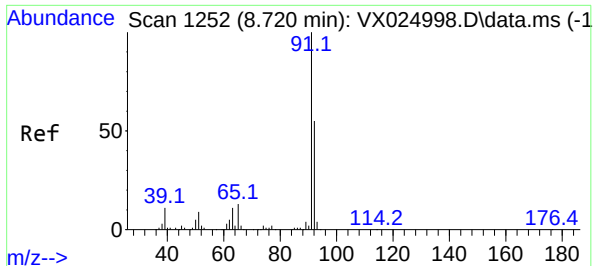
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#40
 4-Methyl-2-pentanone
 Concen: 4.877 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: VX025010.D
 Acq: 28 Oct 2021 16:39

Tgt Ion: 43 Resp: 8402
 Ion Ratio Lower Upper
 43 100
 58 39.7 41.3 61.9#
 100 15.7 19.6 29.4#





#42
Toluene
Concen: 3.218 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

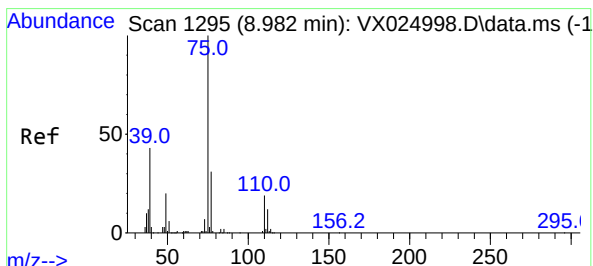
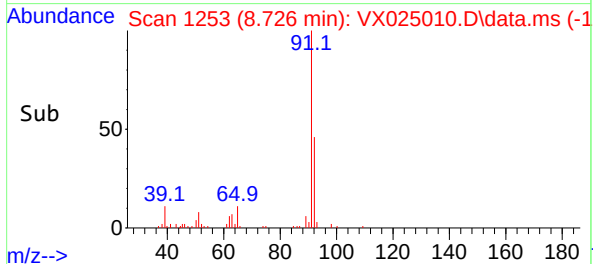
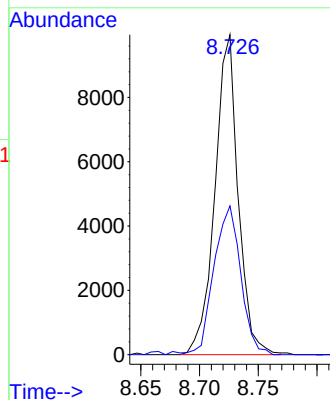
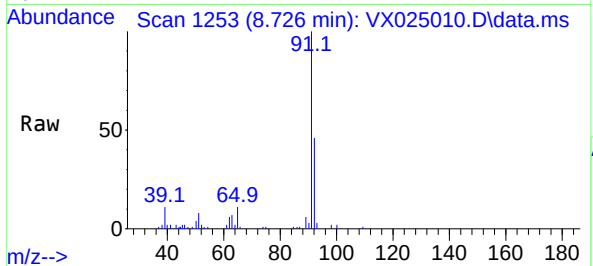
Tgt Ion: 91 Resp: 13732
Ion Ratio Lower Upper
91 100
92 46.5 39.3 72.9

Instrument :
MSVOA_X
ClientSampleId :
MDL02

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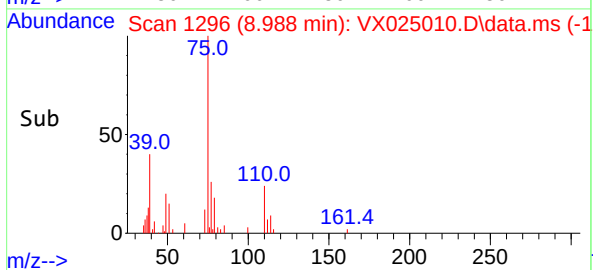
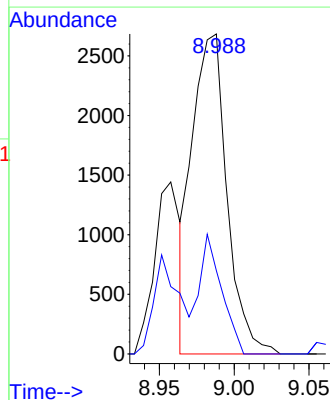
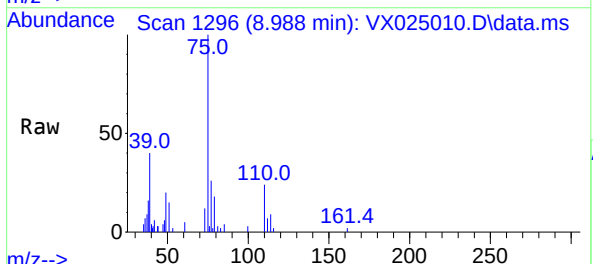
MMDadoda

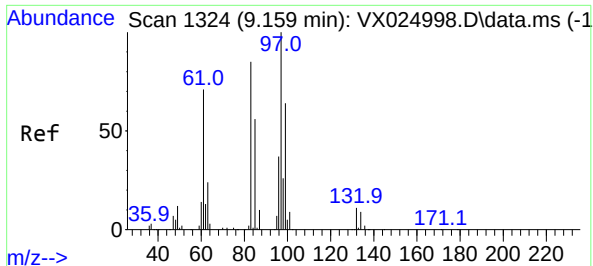
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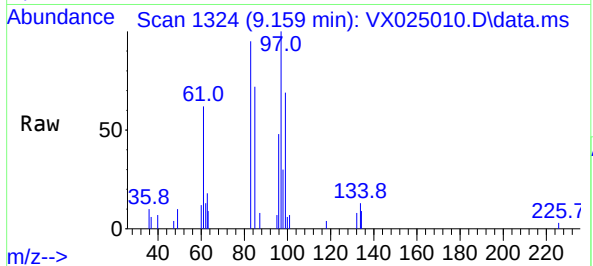
#44
trans-1,3-Dichloropropene
Concen: 2.334 ug/L
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 75 Resp: 4332
Ion Ratio Lower Upper
75 100
77 26.0 23.4 43.6



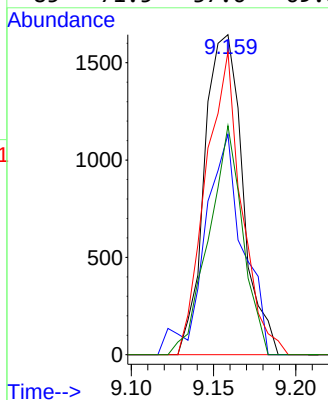
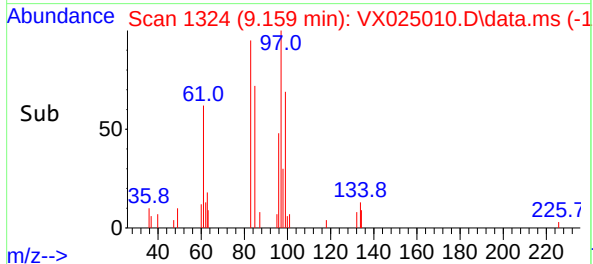


#45
1,1,2-Trichloroethane
Concen: 2.562 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion: 97 Resp: 2661

Ion	Ratio	Lower	Upper
97	100		
99	68.9	43.5	80.7
83	94.6	58.2	108.0
85	71.5	37.6	69.8#

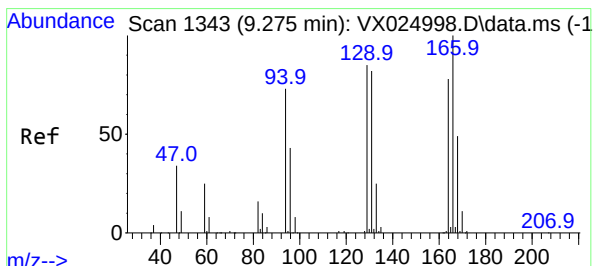


Instrument :
MSVOA_X
ClientSampleId :
MDL02

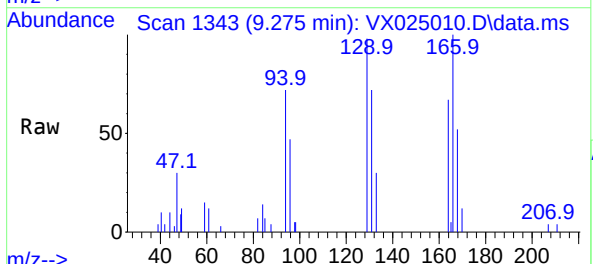
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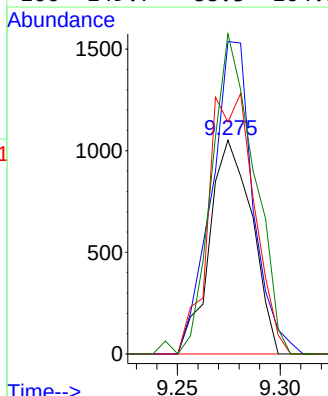
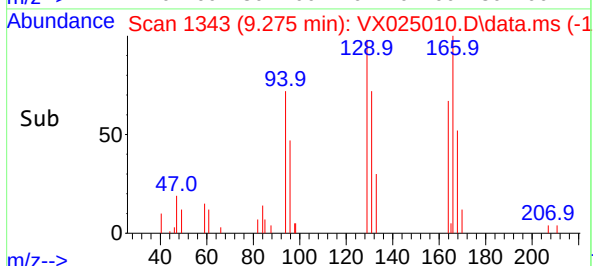


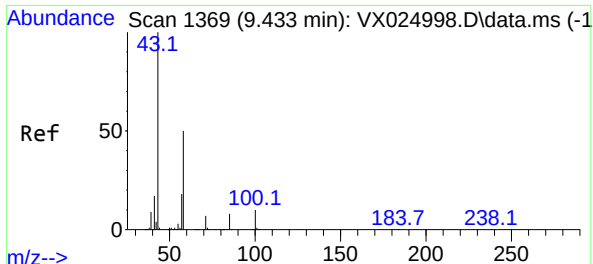
#46
Tetrachloroethene
Concen: 2.062 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion: 164 Resp: 1514

Ion	Ratio	Lower	Upper
164	100		
129	146.2	78.5	145.7#
131	108.5	70.5	130.9
166	149.7	88.3	164.1





#48
2-Hexanone
Concen: 4.475 ug/L
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 43 Resp: 6373

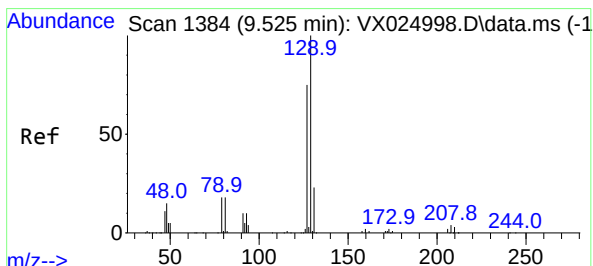
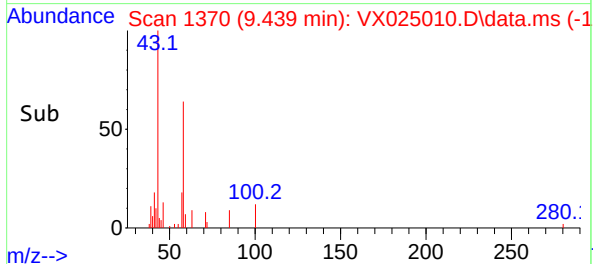
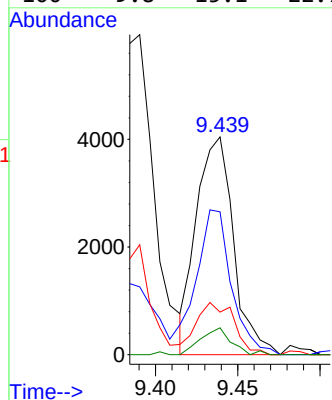
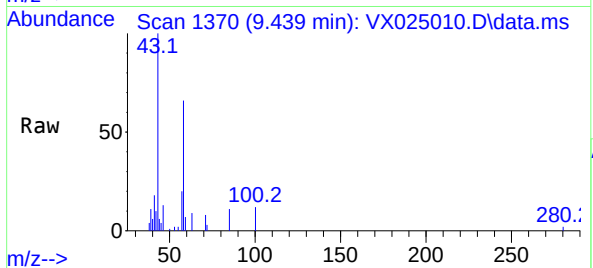
Ion	Ratio	Lower	Upper
43	100		
58	63.9	56.0	84.0
57	25.4	20.4	30.6
100	9.8	15.1	22.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL02

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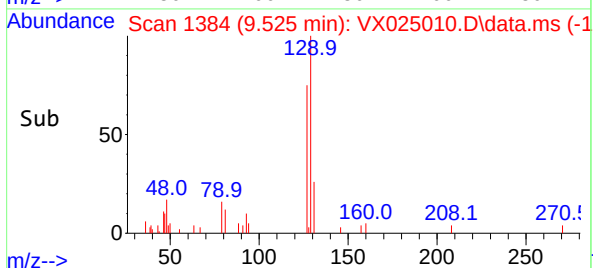
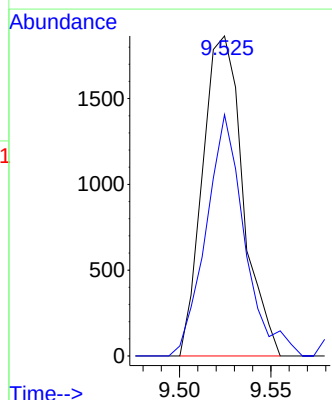
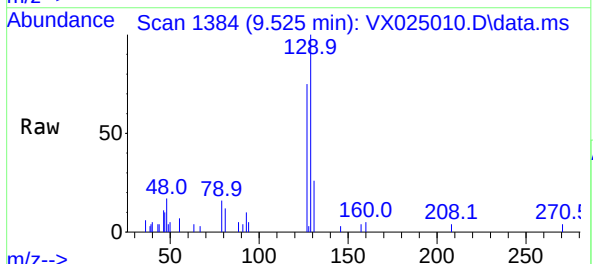
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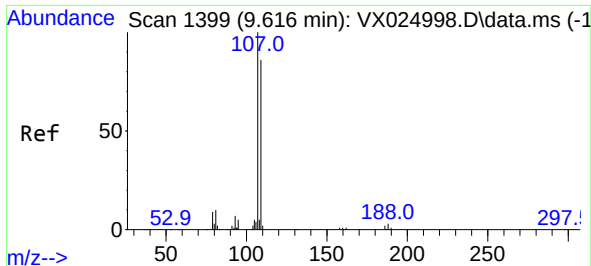


#49
Dibromochloromethane
Concen: 2.451 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

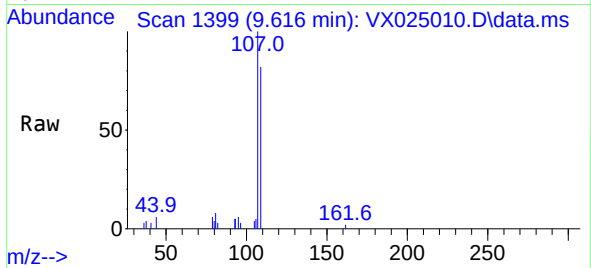
Tgt Ion: 129 Resp: 2865

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.1	100.5

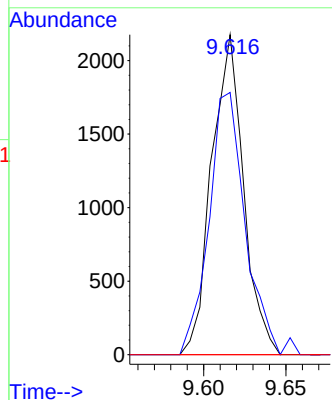




#50
1,2-Dibromoethane
Concen: 2.564 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion:107 Resp: 2938
Ion Ratio Lower Upper
107 100
109 81.9 63.8 118.6
188 0.0 2.2 3.2#

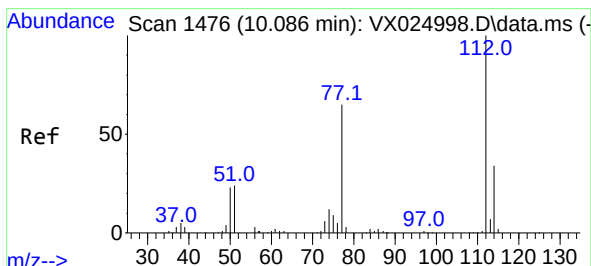


Instrument :
MSVOA_X
ClientSampleId :
MDL02

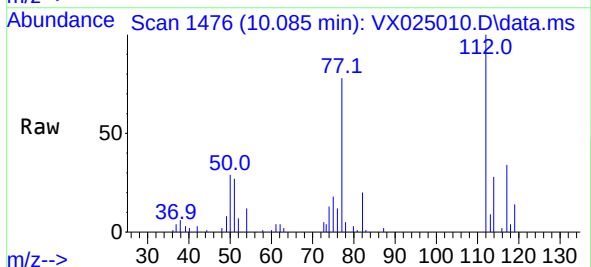
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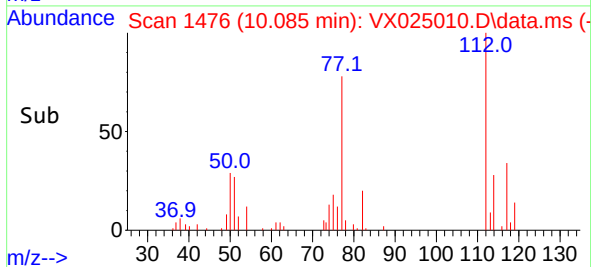
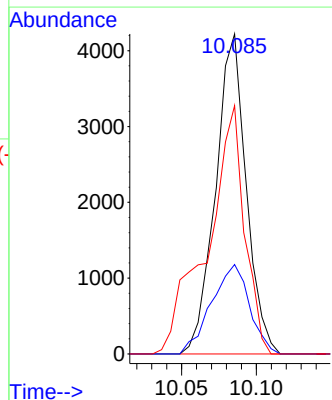
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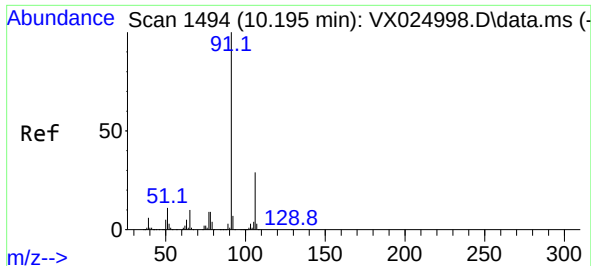


#51
Chlorobenzene
Concen: 2.358 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion:112 Resp: 6018
Ion Ratio Lower Upper
112 100
114 28.0 22.7 42.3
77 77.6 46.8 70.2#





#52
Ethylbenzene
Concen: 2.251 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

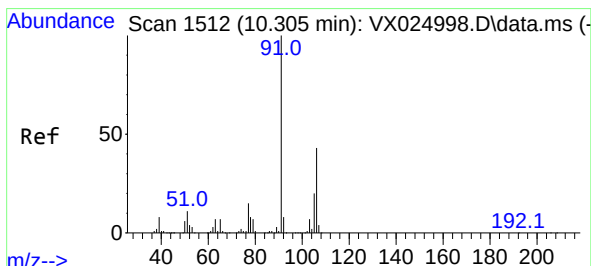
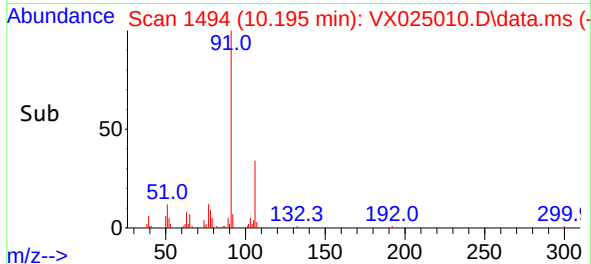
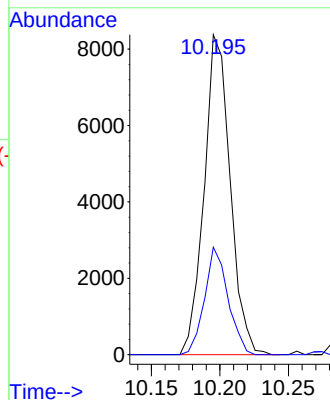
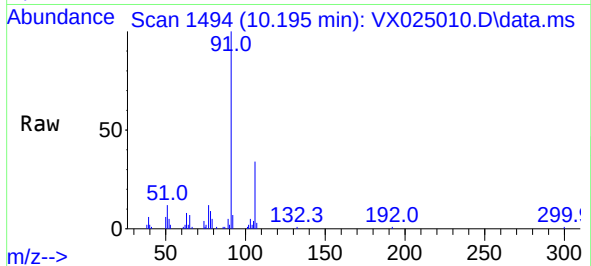
Tgt Ion: 91 Resp: 11085
Ion Ratio Lower Upper
91 100
106 33.6 20.2 37.6

Instrument :
MSVOA_X
ClientSampleId :
MDL02

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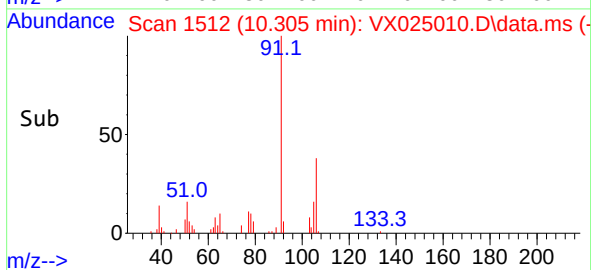
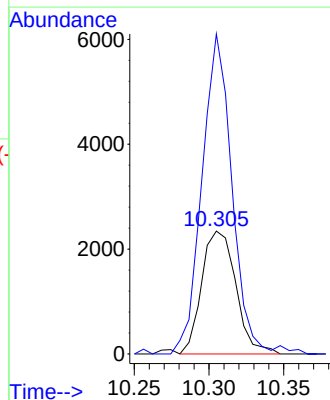
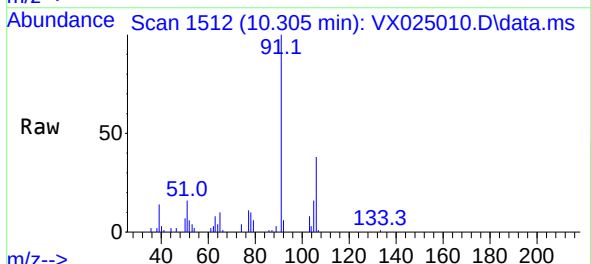
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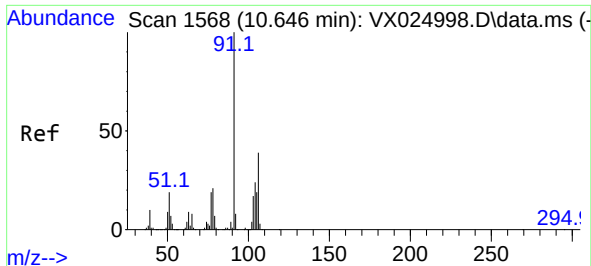
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#53
m,p-Xylene
Concen: 2.199 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 106 Resp: 3725
Ion Ratio Lower Upper
106 100
91 260.5 160.2 297.6





#54
o-Xylene
Concen: 2.209 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

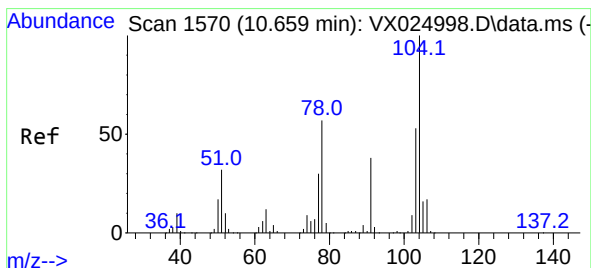
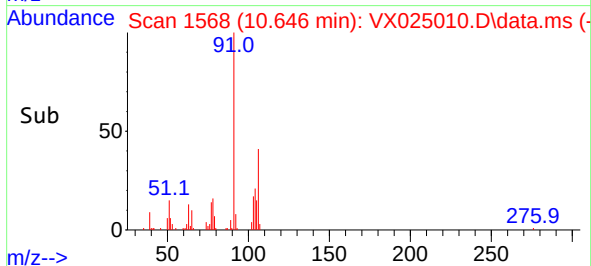
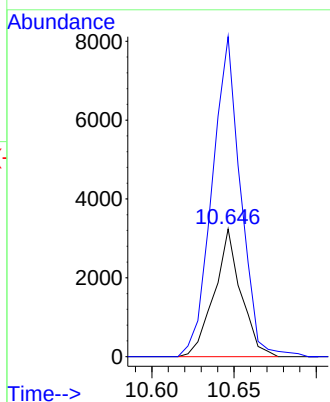
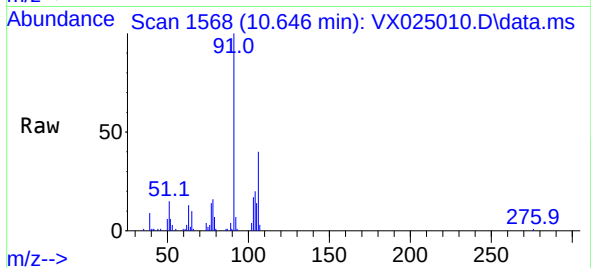
Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 3657
Ion Ratio Lower Upper
106 100
91 250.8 164.4 305.4

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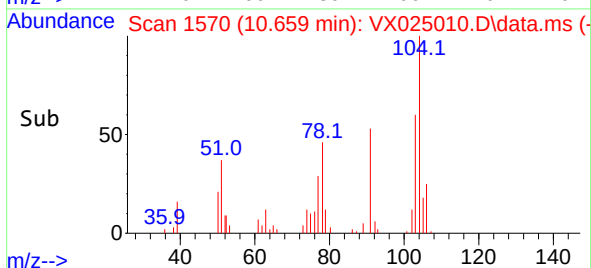
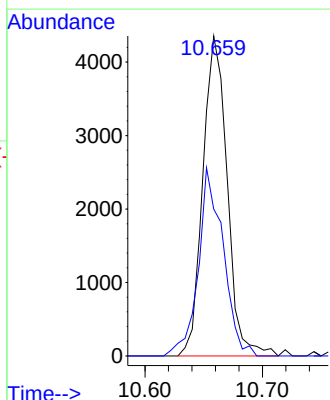
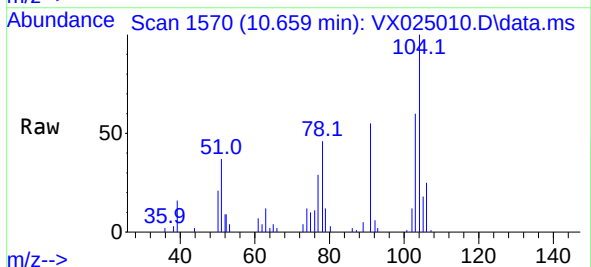
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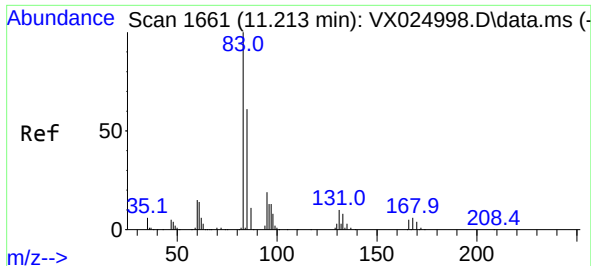
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#55
Styrene
Concen: 2.240 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion:104 Resp: 6272
Ion Ratio Lower Upper
104 100
78 45.9 38.2 71.0





#57
1,1,2,2-Tetrachloroethane
Concen: 2.675 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

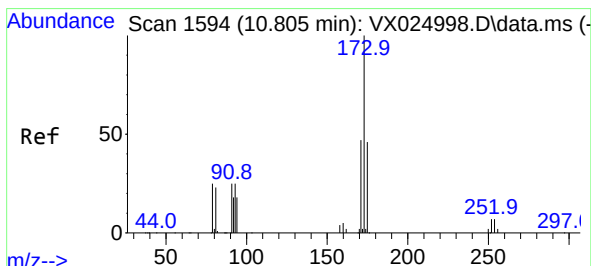
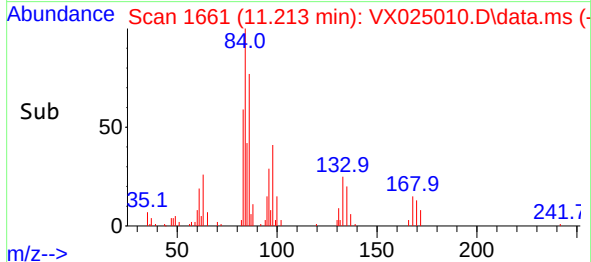
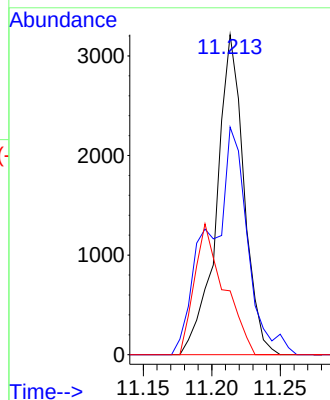
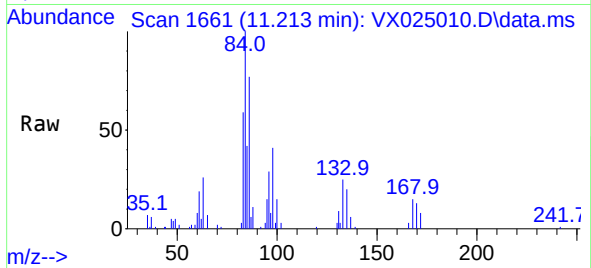
Tgt Ion: 83 Resp: 4470
Ion Ratio Lower Upper
83 100
85 71.1 46.9 87.1
131 20.0 8.7 13.1#

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
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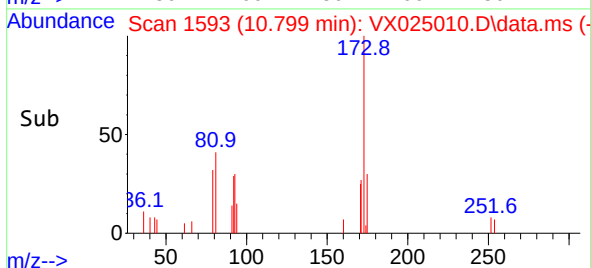
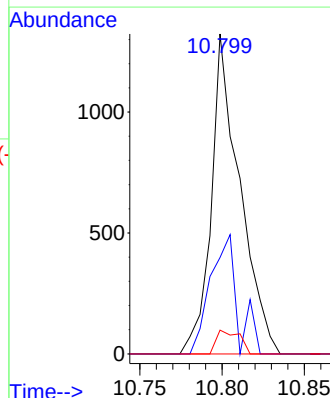
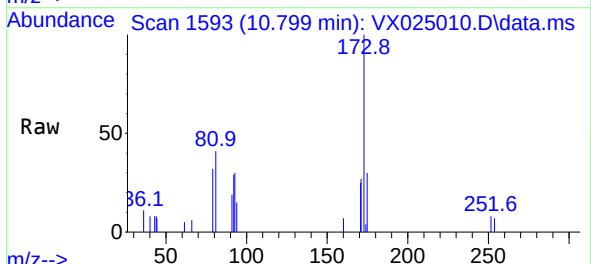
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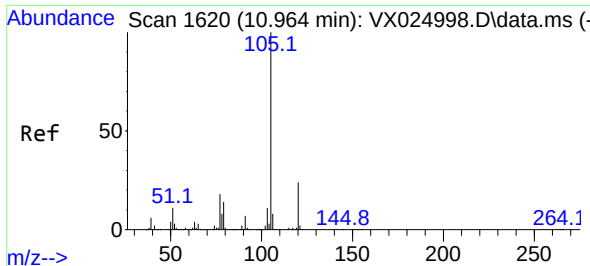
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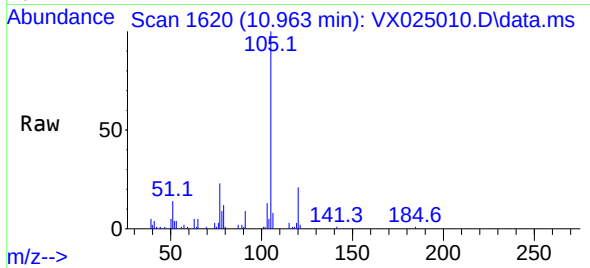
#59
Bromoform
Concen: 2.369 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 173 Resp: 1597
Ion Ratio Lower Upper
173 100
175 30.1 36.6 55.0#
254 5.9 4.9 7.3

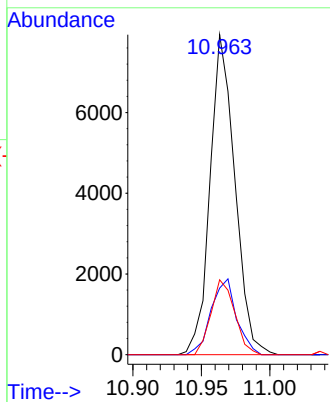
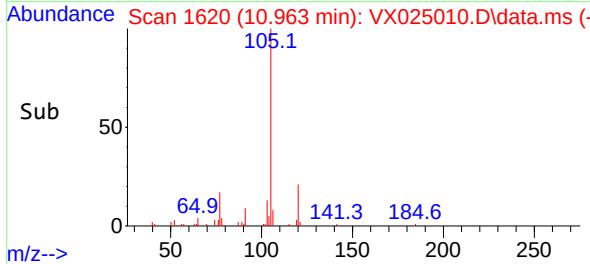




#60
Isopropylbenzene
Concen: 2.397 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion: 105 Resp: 9996
Ion Ratio Lower Upper
105 100
120 24.3 19.8 29.6
77 22.4 13.2 19.8#

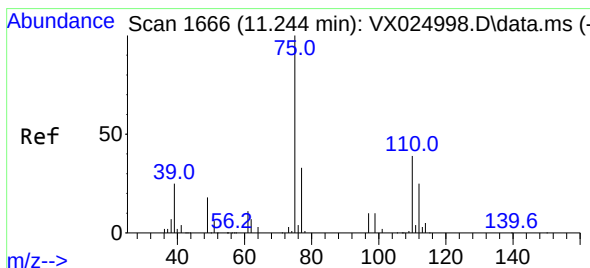


Instrument :
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ClientSampleId :
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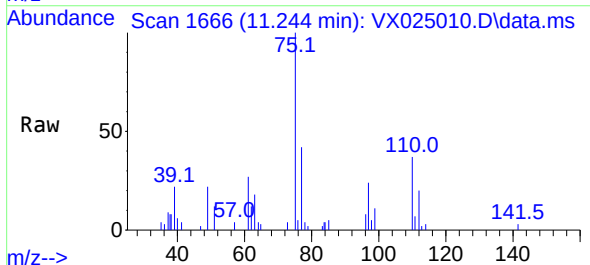
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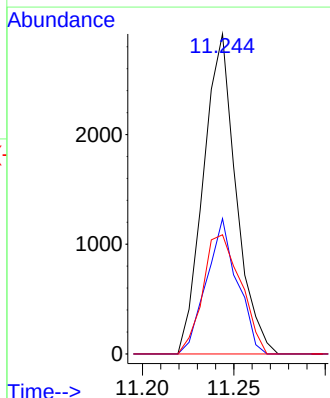
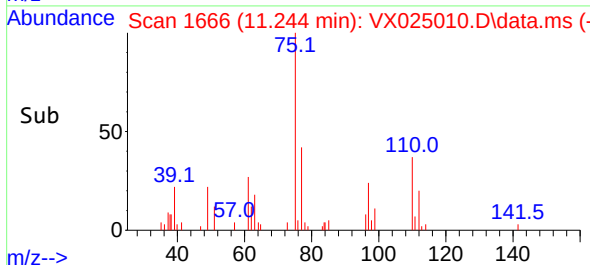
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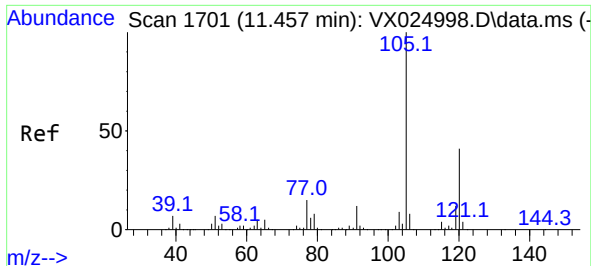


#61
1,2,3-Trichloropropane
Concen: 2.722 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion: 75 Resp: 3628
Ion Ratio Lower Upper
75 100
77 39.8 26.6 39.8
110 43.2 37.2 55.8





#62
1,3,5-Trimethylbenzene
Concen: 2.400 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

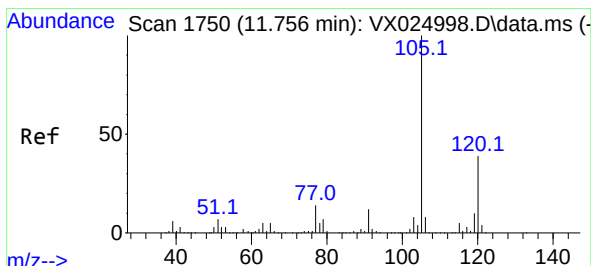
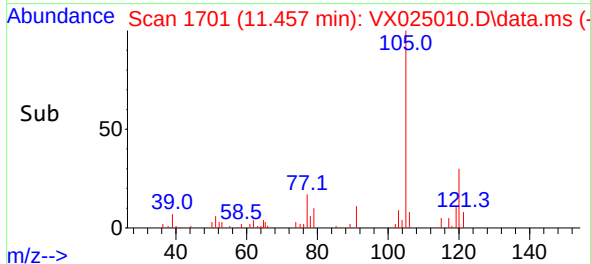
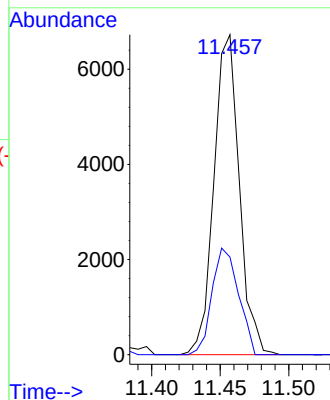
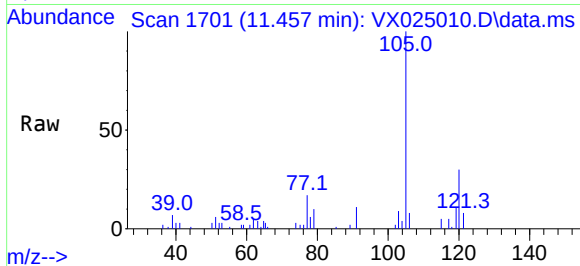
Tgt Ion:105 Resp: 8670
Ion Ratio Lower Upper
105 100
120 34.8 34.4 51.6

Instrument :
MSVOA_X
ClientSampleId :
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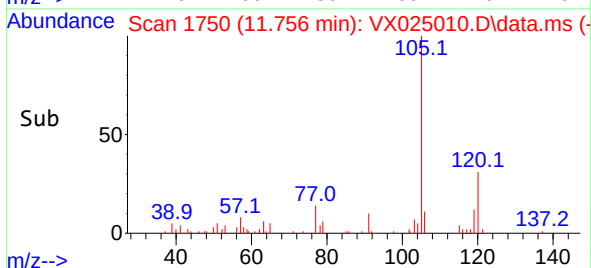
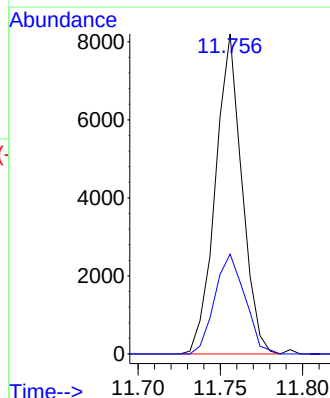
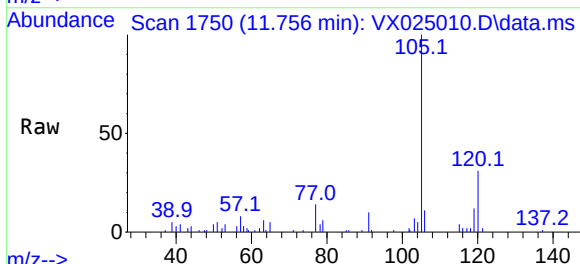
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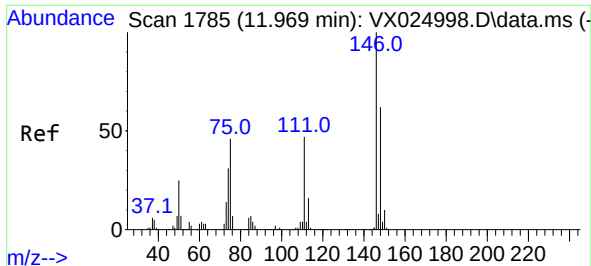
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#63
1,2,4-Trimethylbenzene
Concen: 2.545 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion:105 Resp: 9217
Ion Ratio Lower Upper
105 100
120 35.5 31.0 46.6





#64
1,3-Dichlorobenzene
Concen: 2.709 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

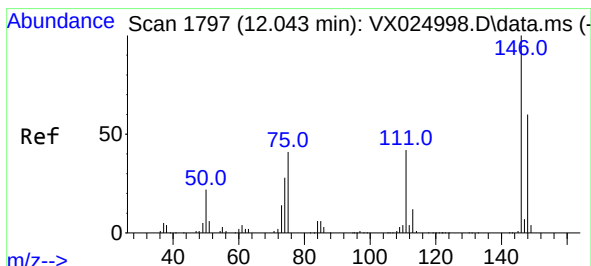
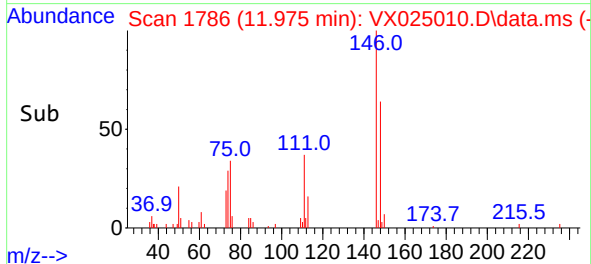
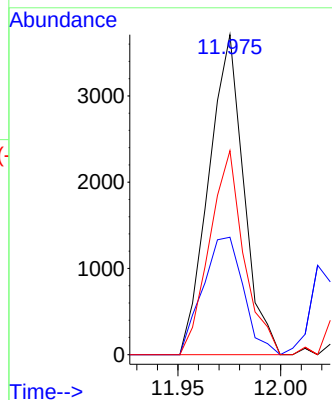
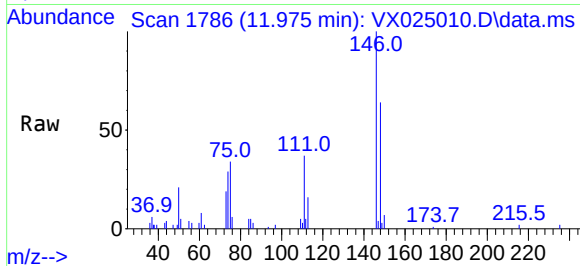
Tgt Ion:146 Resp: 4397
Ion Ratio Lower Upper
146 100
111 42.1 31.1 57.9
148 66.8 43.2 80.2

Instrument :
MSVOA_X
ClientSampleId :
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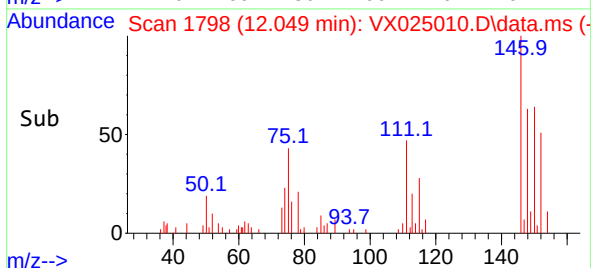
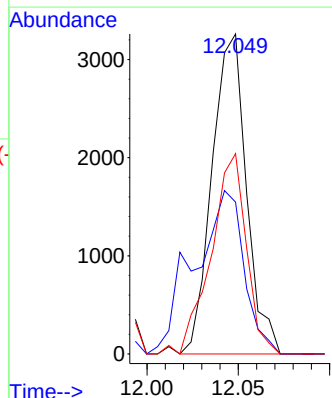
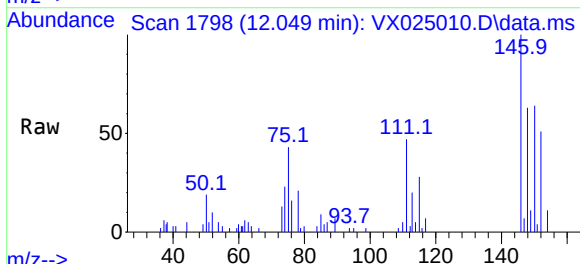
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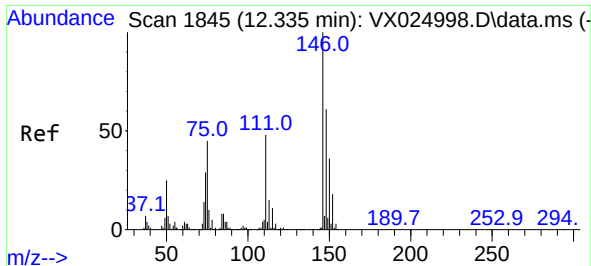
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#65
1,4-Dichlorobenzene
Concen: 2.548 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion:146 Resp: 4277
Ion Ratio Lower Upper
146 100
111 47.5 31.8 59.0
148 62.6 46.1 85.5





#67
1,2-Dichlorobenzene
Concen: 2.829 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

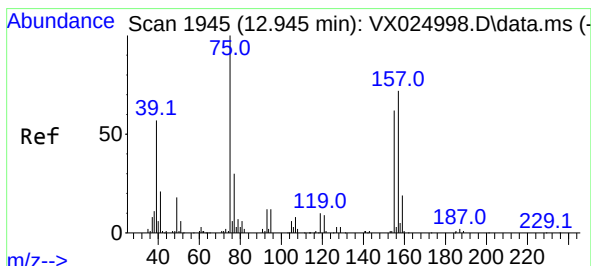
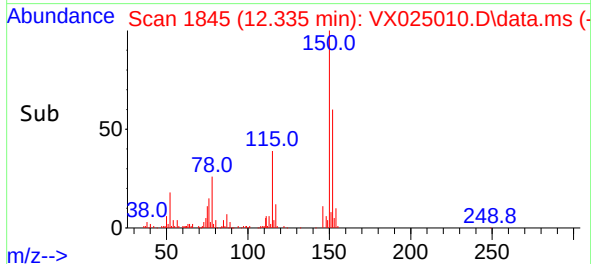
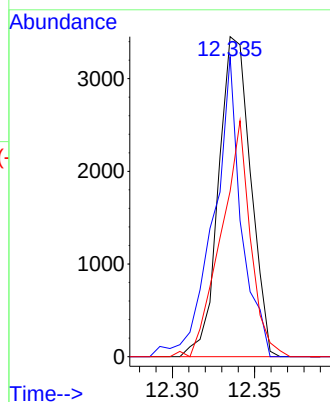
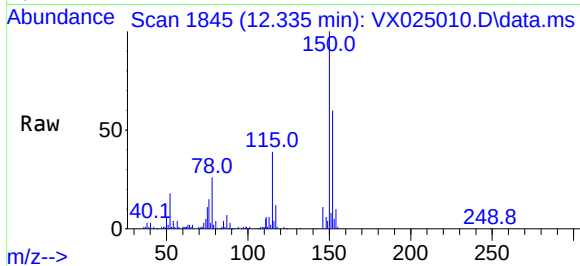
Tgt Ion: 146 Resp: 4691
Ion Ratio Lower Upper
146 100
111 93.9 38.5 57.7#
148 51.7 53.2 79.8#

Instrument :
MSVOA_X
ClientSampleId :
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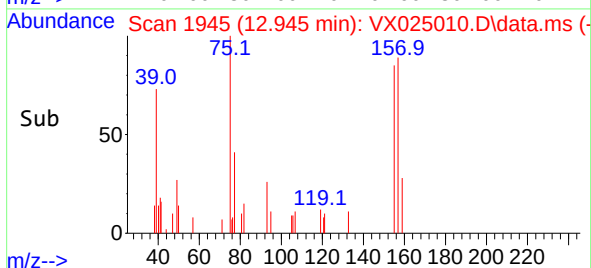
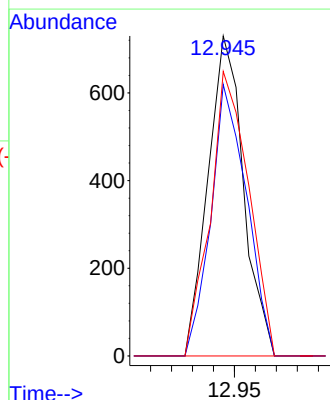
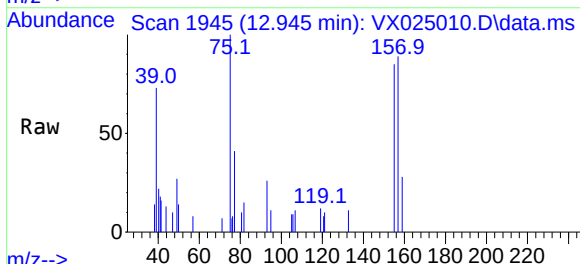
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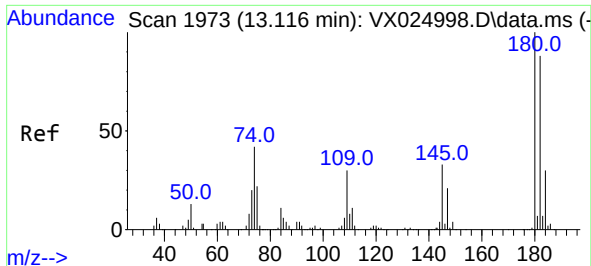
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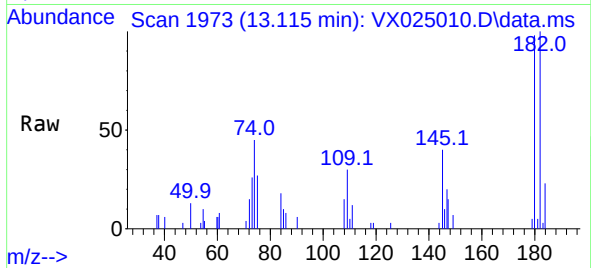
#68
1,2-Dibromo-3-chloropropane
Concen: 1.976 ug/L m
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion: 75 Resp: 859
Ion Ratio Lower Upper
75 100
155 84.8 59.3 88.9
157 88.9 68.7 103.1

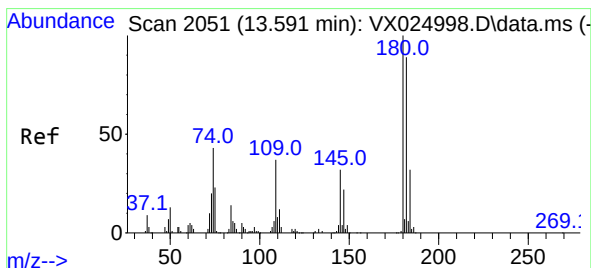
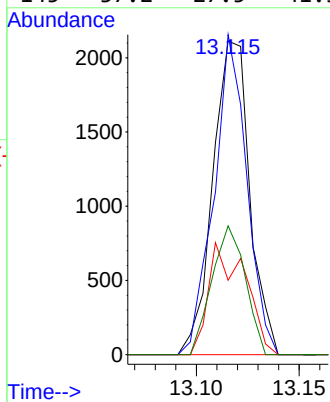
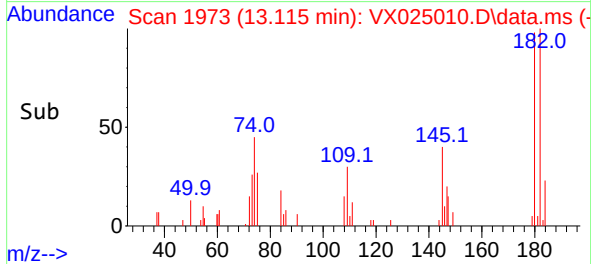




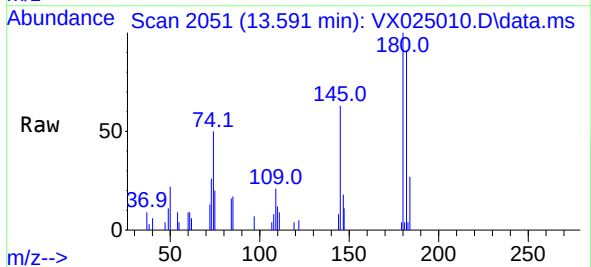
#69
1,3,5-Trichlorobenzene
Concen: 2.264 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



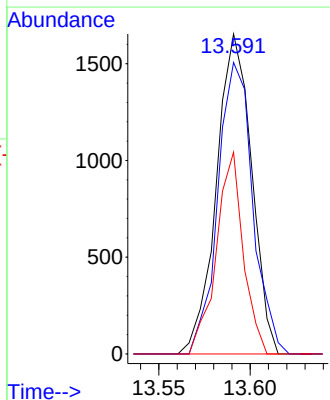
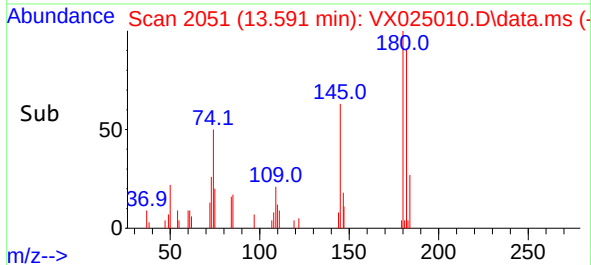
Tgt Ion:180 Resp: 2639
Ion Ratio Lower Upper
180 100
182 90.8 74.2 111.4
184 35.5 23.7 35.5
145 37.2 27.5 41.3



#70
1,2,4-trichlorobenzene
Concen: 2.241 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39



Tgt Ion:180 Resp: 2214
Ion Ratio Lower Upper
180 100
182 90.2 76.4 114.6
145 48.3 28.8 43.2#

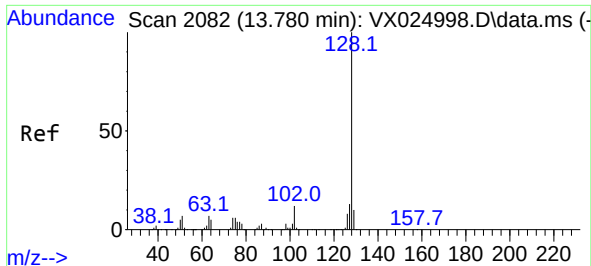


Instrument :
MSVOA_X
ClientSampleId :
MDL02

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#71
Naphthalene
Concen: 1.708 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

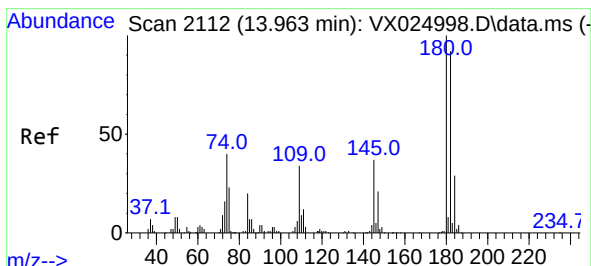
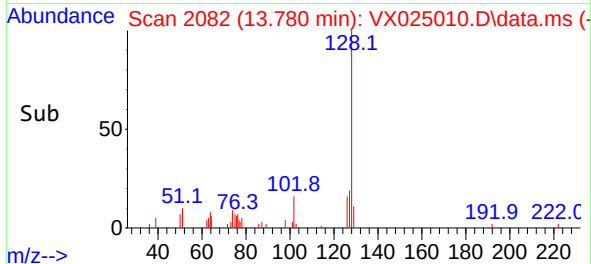
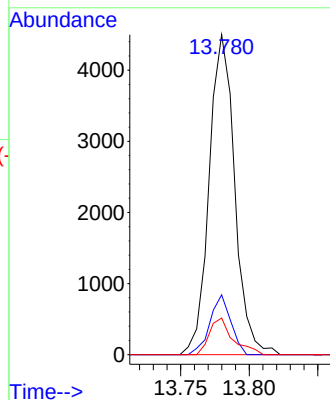
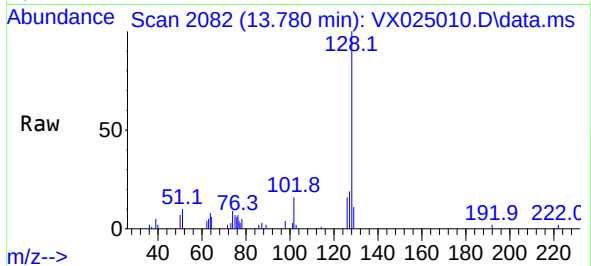
Tgt Ion:	128	Resp:	5837
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.6	15.8
129	10.5	9.1	13.7

Instrument :
MSVOA_X
ClientSampleId :
MDL02

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#72
1,2,3-Trichlorobenzene
Concen: 2.056 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025010.D
Acq: 28 Oct 2021 16:39

Tgt Ion:	180	Resp:	2089
Ion	Ratio	Lower	Upper
180	100		
182	101.9	73.3	109.9
145	37.7	29.0	43.4

