

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025026.D
 Acq On : 29 Oct 2021 18:16
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Quant Time: Oct 30 01:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	164650	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	149572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68278	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.367	65	34528	32.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.800%
7) Chloroethane-d5	1.666	69	27011	37.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.300%
11) 1,1-Dichloroethene-d2	2.306	63	71257	27.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.100%#
21) 2-Butanone-d5	4.464	46	93162	88.866	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.870%
24) Chloroform-d	5.068	84	113716	41.408	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.820%
26) 1,2-Dichloroethane-d4	5.964	65	82700	41.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.120%
32) Benzene-d6	5.982	84	172866	40.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.440%
36) 1,2-Dichloropropane-d6	7.318	67	62631	43.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.580%
41) Toluene-d8	8.653	98	160482	39.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.020%#
43) trans-1,3-Dichloroprop...	8.951	79	33516	40.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.620%
47) 2-Hexanone-d5	9.384	63	66920	90.847	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.850%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	89887	45.945	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	56742	42.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	3459	2.238	ug/L	# 87
3) Chloromethane	1.288	50	2195	2.043	ug/L	92
5) Vinyl chloride	1.367	62	2892	2.392	ug/L	93
6) Bromomethane	1.611	94	1871	2.405	ug/L	96
8) Chloroethane	1.684	64	1600	2.619	ug/L	91
9) Trichlorofluoromethane	1.886	101	6028	2.246	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3329m	2.734	ug/L	
12) 1,1-Dichloroethene	2.325	96	3194	3.119	ug/L	# 1
13) Acetone	2.392	43	3939	3.953	ug/L	99
14) Carbon disulfide	2.514	76	6253	2.253	ug/L	# 94
15) Methyl Acetate	2.715	43	3581	2.486	ug/L	# 76
16) Methylene chloride	2.794	84	3834	3.306	ug/L	92
17) trans-1,2-Dichloroethene	3.099	96	2864	2.731	ug/L	# 81
18) Methyl tert-butyl Ether	3.117	73	10930	2.524	ug/L	94
19) 1,1-Dichloroethane	3.617	63	6047	2.482	ug/L	# 81
20) cis-1,2-Dichloroethene	4.489	96	3116m	2.630	ug/L	
22) 2-Butanone	4.568	43	5914m	4.821	ug/L	
23) Bromochloromethane	4.916	128	1383	2.337	ug/L	# 56
25) Chloroform	5.111	83	7656	2.823	ug/L	90

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Instrument :
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 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

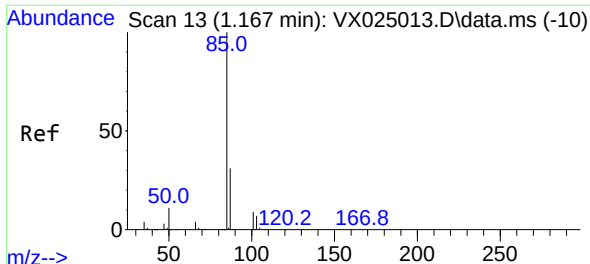
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	5736m	2.393	ug/L	
29) Cyclohexane	5.476	56	4665m	2.300	ug/L	
30) 1,1,1-Trichloroethane	5.403	97	6765m	2.615	ug/L	
31) Carbon tetrachloride	5.684	117	5219	2.382	ug/L #	76
33) Benzene	6.050	78	11168	2.412	ug/L	100
34) Trichloroethene	7.141	95	3472m	2.485	ug/L	
35) Methylcyclohexane	7.385	83	4767	2.365	ug/L #	78
37) 1,2-Dichloropropane	7.433	63	3188	2.420	ug/L #	85
38) Bromodichloromethane	7.830	83	4966	2.467	ug/L	90
39) cis-1,3-Dichloropropene	8.372	75	4890	2.284	ug/L	93
40) 4-Methyl-2-pentanone	8.580	43	9506	4.646	ug/L #	83
42) Toluene	8.726	91	14141	2.791	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	5655	2.565	ug/L	95
45) 1,1,2-Trichloroethane	9.159	97	3421	2.774	ug/L	92
46) Tetrachloroethene	9.281	164	2214	2.539	ug/L	80
48) 2-Hexanone	9.433	43	7201	4.258	ug/L #	93
49) Dibromochloromethane	9.525	129	3261	2.349	ug/L	81
50) 1,2-Dibromoethane	9.616	107	3537	2.599	ug/L	94
51) Chlorobenzene	10.085	112	8143	2.687	ug/L	96
52) Ethylbenzene	10.201	91	14105	2.412	ug/L	95
53) m,p-Xylene	10.305	106	4600	2.287	ug/L	93
54) o-Xylene	10.646	106	4456	2.266	ug/L	73
55) Styrene	10.658	104	7365	2.215	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	5604	2.824	ug/L #	97
59) Bromoform	10.805	173	1909	2.270	ug/L #	86
60) Isopropylbenzene	10.969	105	12661	2.433	ug/L #	94
61) 1,2,3-Trichloropropane	11.244	75	4172	2.509	ug/L	93
62) 1,3,5-Trimethylbenzene	11.457	105	10508	2.331	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	11204	2.480	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	5132	2.534	ug/L #	78
65) 1,4-Dichlorobenzene	12.048	146	5854	2.795	ug/L	84
67) 1,2-Dichlorobenzene	12.341	146	5666	2.739	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	1301	2.399	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.115	180	3532	2.428	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	3087	2.504	ug/L	86
71) Naphthalene	13.780	128	7516	1.763	ug/L #	88
72) 1,2,3-Trichlorobenzene	13.969	180	2939	2.318	ug/L	98

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

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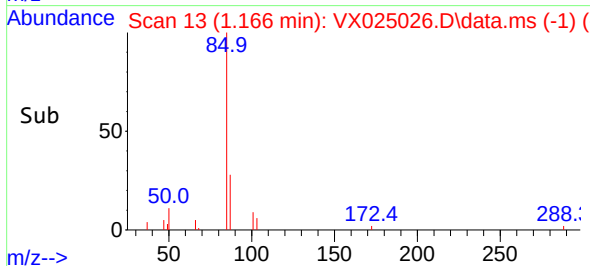
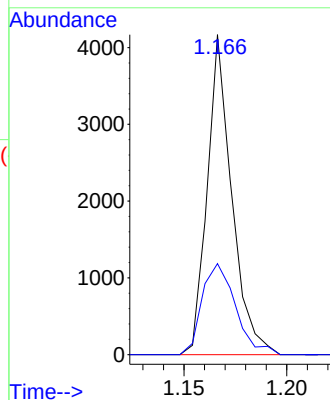
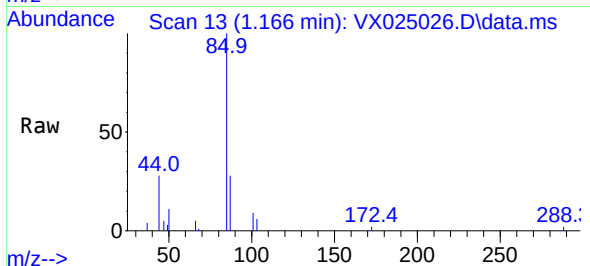


#2
 Dichlorodifluoromethane
 Concen: 2.238 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX025026.D
 Acq: 29 Oct 2021 18:16

Tgt Ion: 85 Resp: 3459
 Ion Ratio Lower Upper
 85 100
 87 38.9 25.3 37.9#

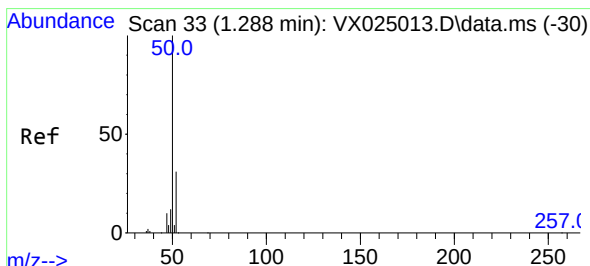
Instrument :
 MSVOA_X
 ClientSampled :
 MDL05

Manual Integrations
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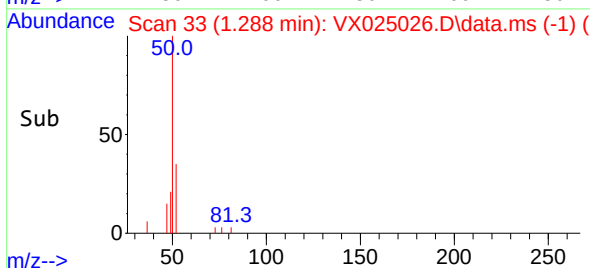
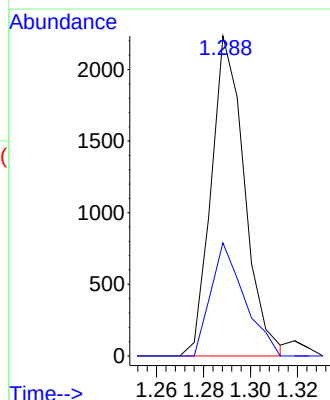
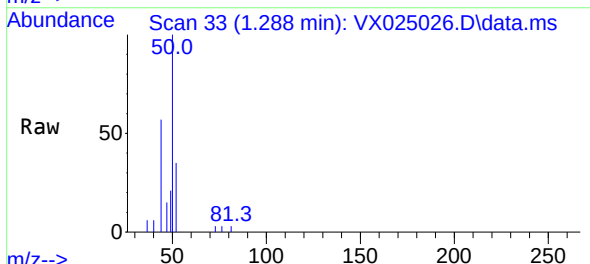
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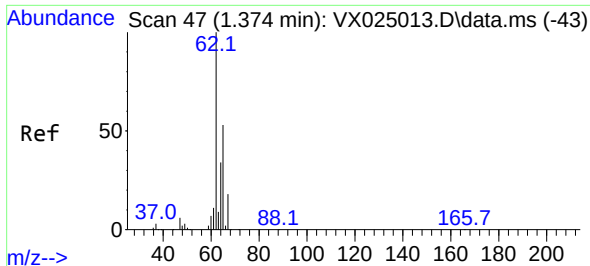
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#3
 Chloromethane
 Concen: 2.043 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.000 min
 Lab File: VX025026.D
 Acq: 29 Oct 2021 18:16

Tgt Ion: 50 Resp: 2195
 Ion Ratio Lower Upper
 50 100
 52 35.4 28.0 52.0



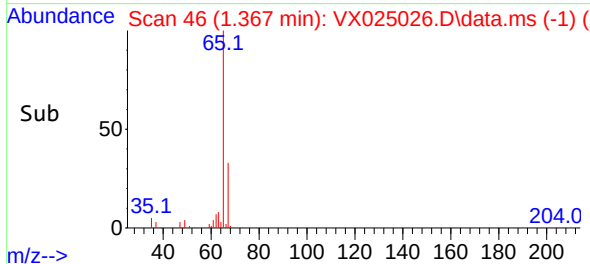
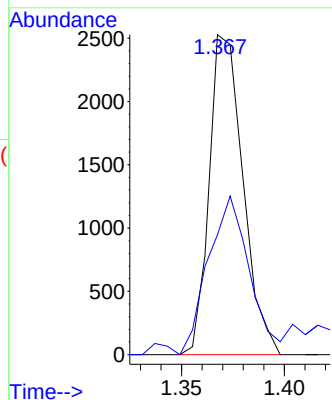
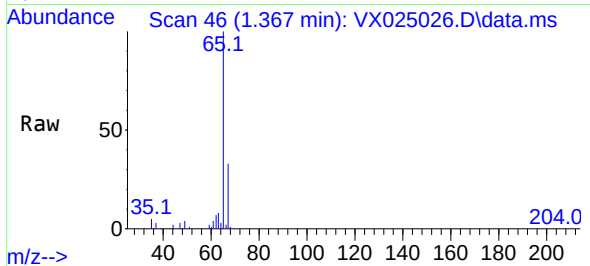


#5
 Vinyl chloride
 Concen: 2.392 ug/L
 RT: 1.367 min Scan# 46
 Delta R.T. -0.006 min
 Lab File: VX025026.D
 Acq: 29 Oct 2021 18:16

Tgt Ion: 62 Resp: 2892
 Ion Ratio Lower Upper
 62 100
 64 37.5 23.6 43.8

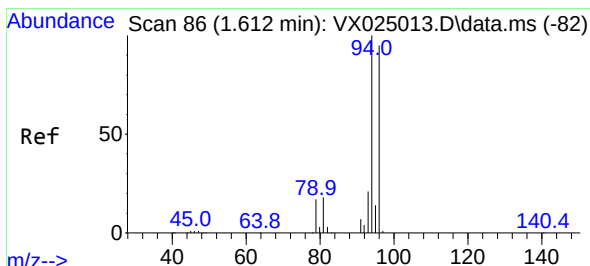
Instrument :
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 ClientSampled :
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Manual Integrations
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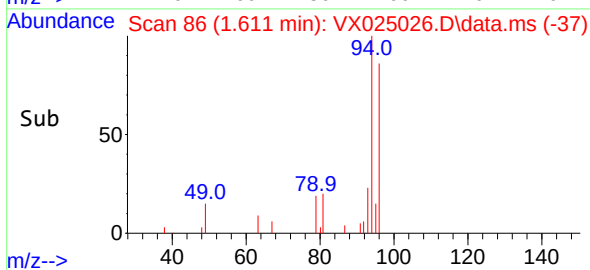
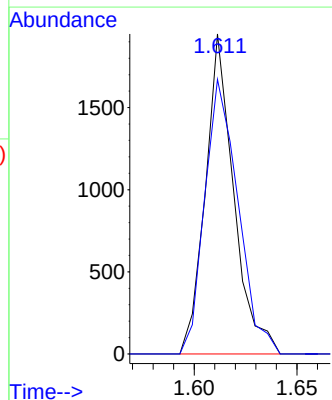
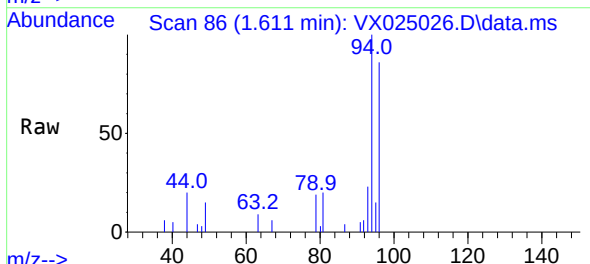
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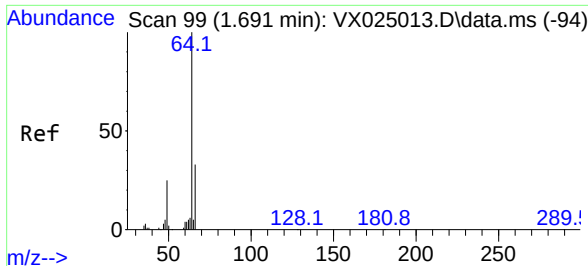
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#6
 Bromomethane
 Concen: 2.405 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX025026.D
 Acq: 29 Oct 2021 18:16

Tgt Ion: 94 Resp: 1871
 Ion Ratio Lower Upper
 94 100
 96 85.8 62.9 116.9



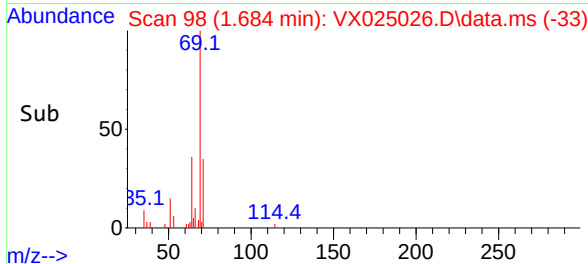
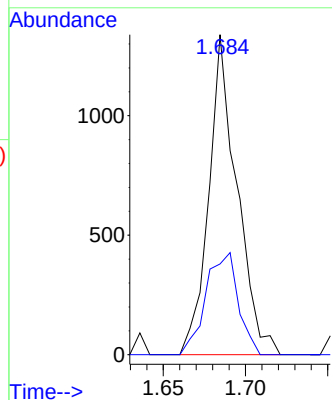
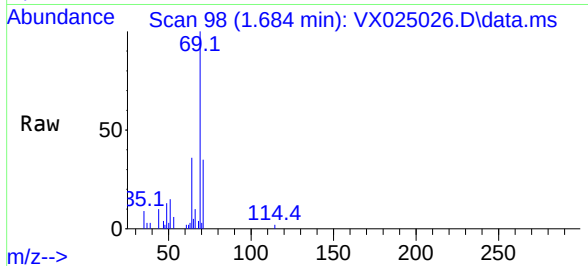


#8
Chloroethane
Concen: 2.619 ug/L
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampled :
MDL05

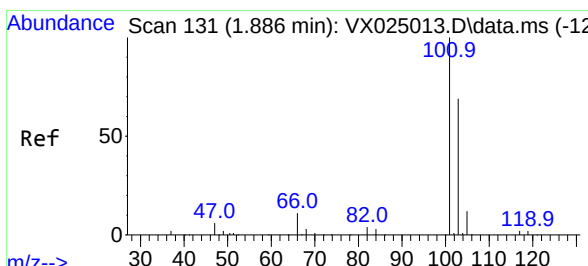
Tgt Ion: 64 Resp: 1600
Ion Ratio Lower Upper
64 100
66 28.4 23.3 43.3

Manual Integrations
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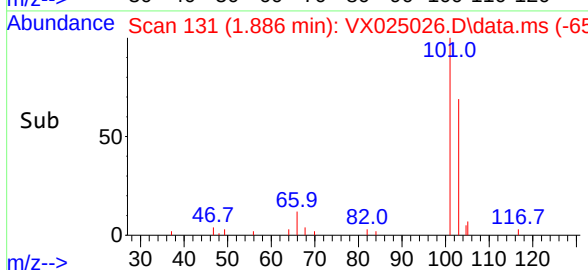
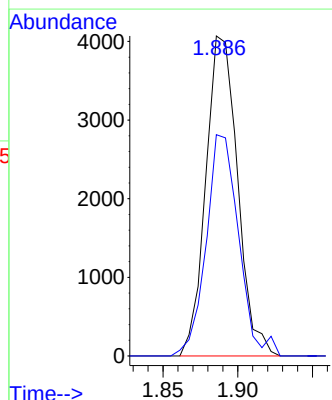
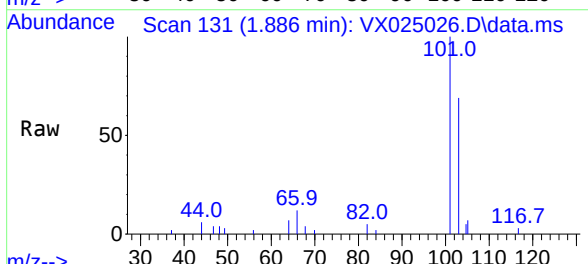
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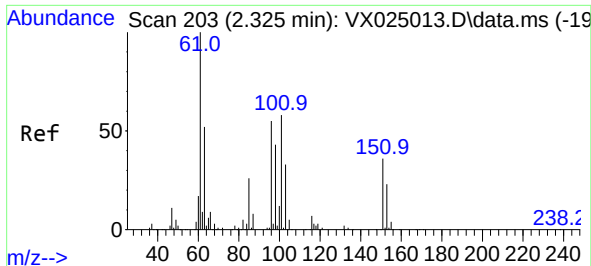
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#9
Trichlorofluoromethane
Concen: 2.246 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 101 Resp: 6028
Ion Ratio Lower Upper
101 100
103 69.2 51.4 77.0



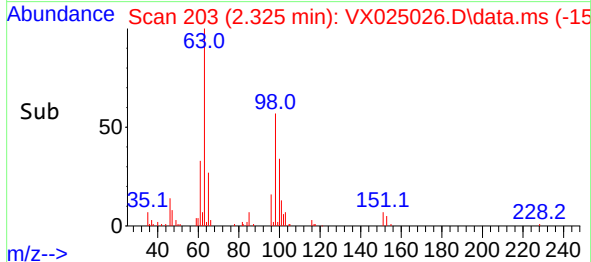
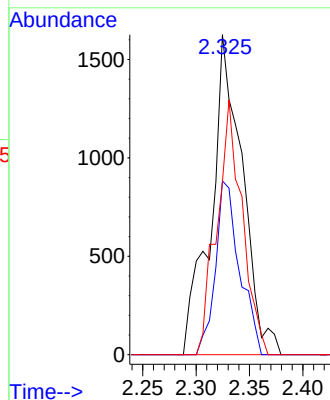
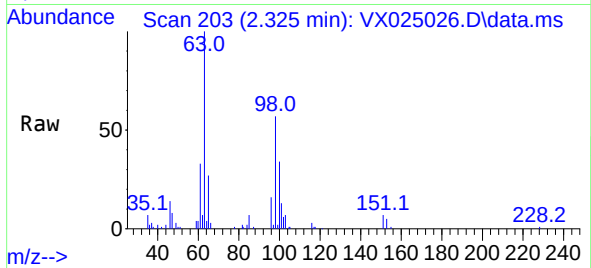


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.734 ug/L m
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 101 Resp: 3329
Ion Ratio Lower Upper
101 100
85 41.6 35.3 52.9
151 64.0 62.3 93.5

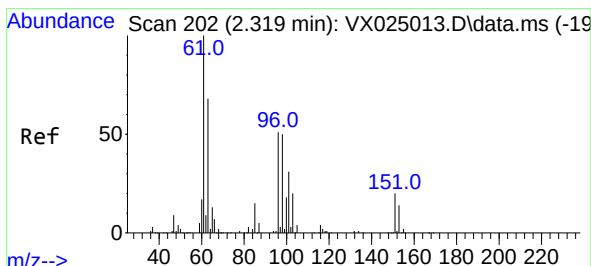
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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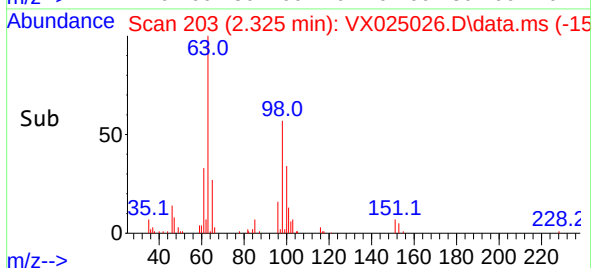
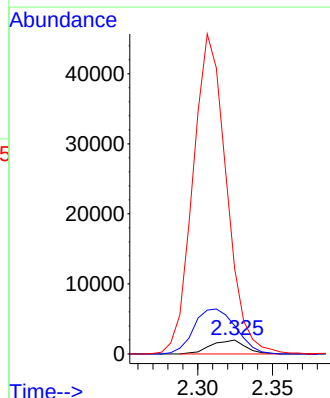
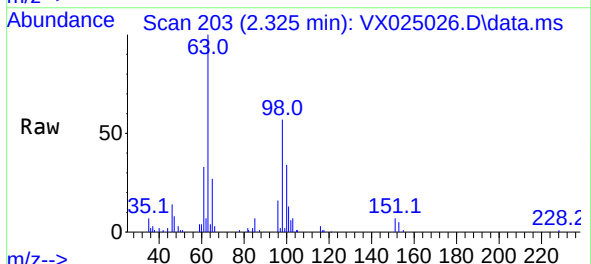
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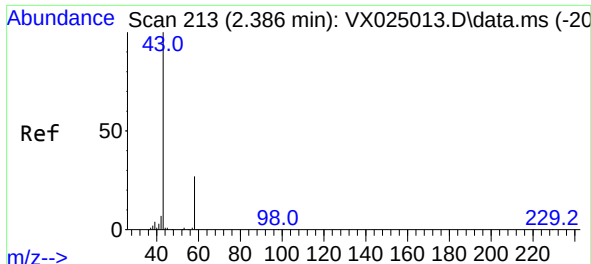
11/2/2021 2:33:00 PM



#12
1,1-Dichloroethene
Concen: 3.119 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

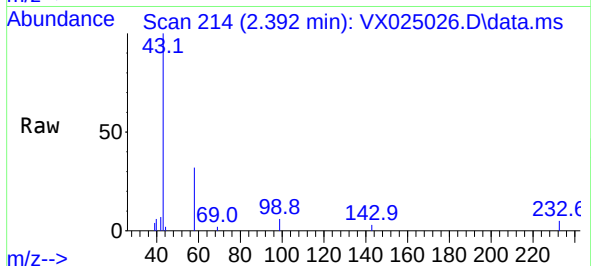
Tgt Ion: 96 Resp: 3194
Ion Ratio Lower Upper
96 100
61 203.8 109.9 204.1
63 616.6 92.4 171.6#





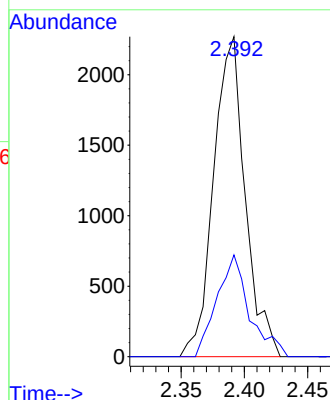
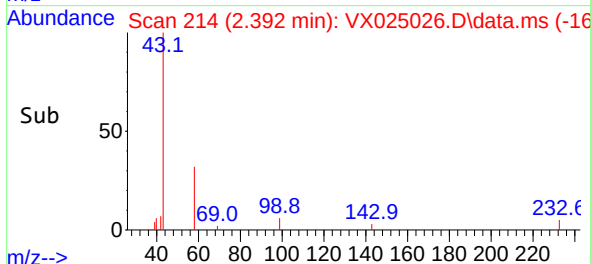
#13
Acetone
Concen: 3.953 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampled :
MDL05



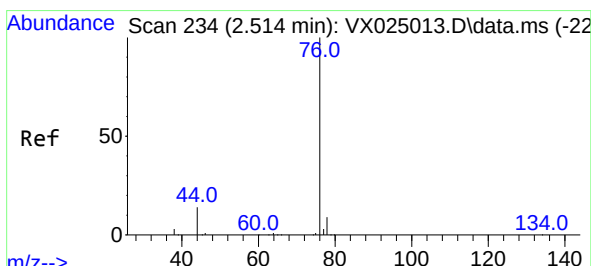
Tgt Ion: 43 Resp: 3939
Ion Ratio Lower Upper
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Manual Integrations
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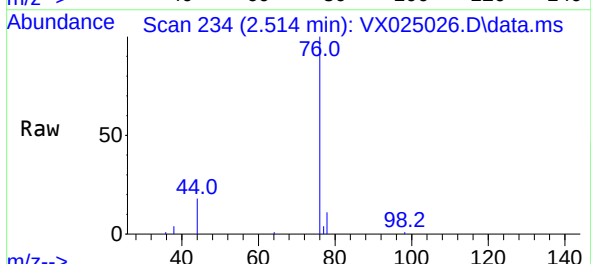


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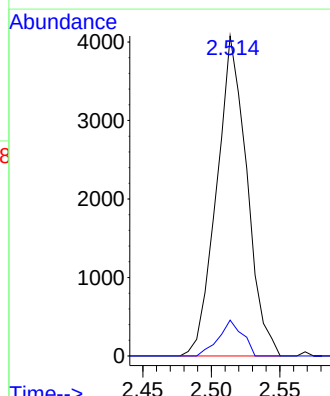
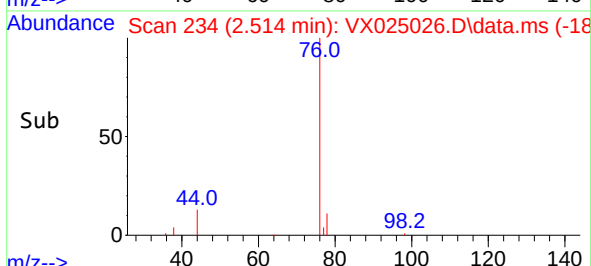
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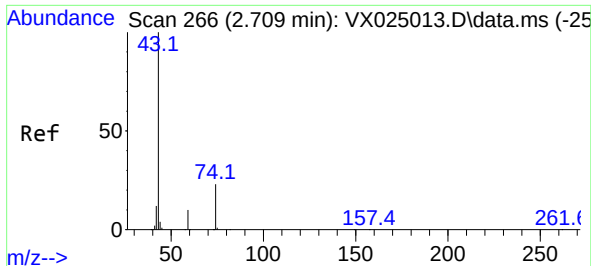


#14
Carbon disulfide
Concen: 2.253 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16



Tgt Ion: 76 Resp: 6253
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



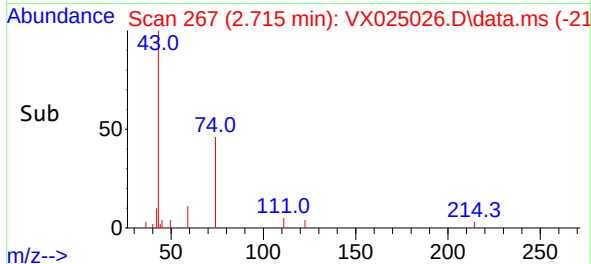
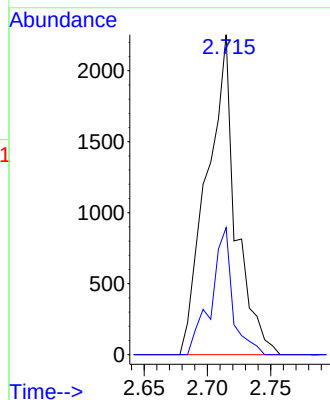
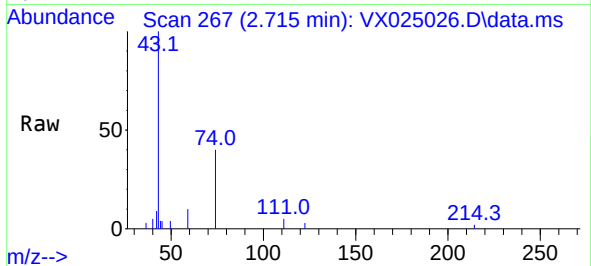


#15
Methyl Acetate
Concen: 2.486 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampleId :
MDL05

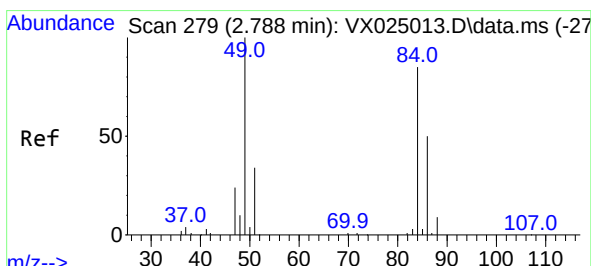
Tgt Ion: 43 Resp: 3581
Ion Ratio Lower Upper
43 100
74 21.8 28.6 42.8#

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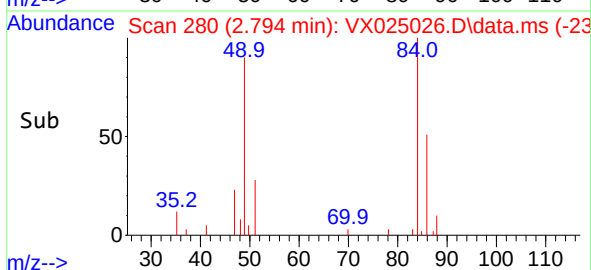
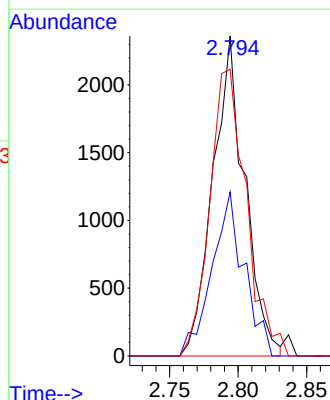
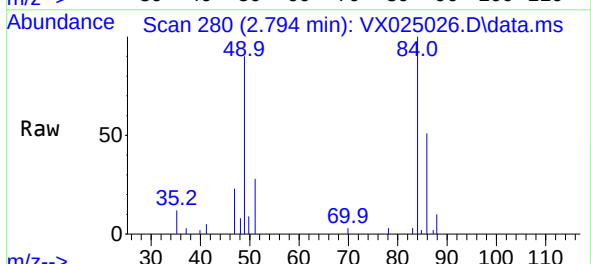
MMDadoda

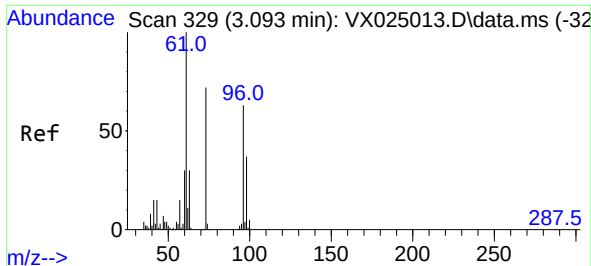
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#16
Methylene chloride
Concen: 3.306 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

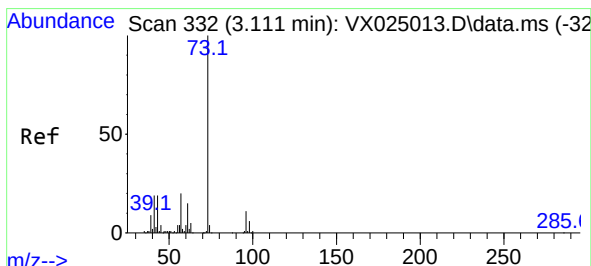
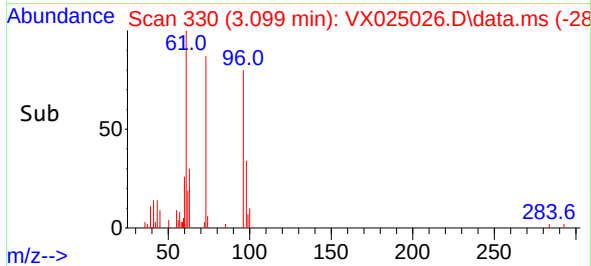
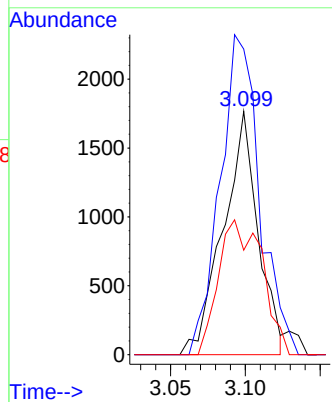
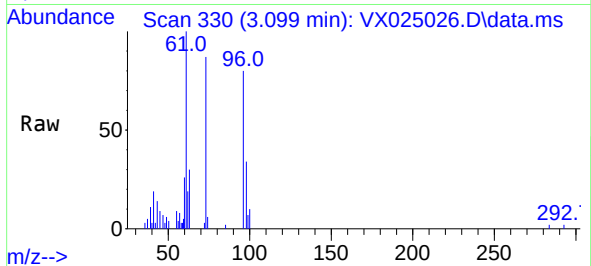
Tgt Ion: 84 Resp: 3834
Ion Ratio Lower Upper
84 100
86 51.2 44.4 82.5
49 89.6 64.0 118.8





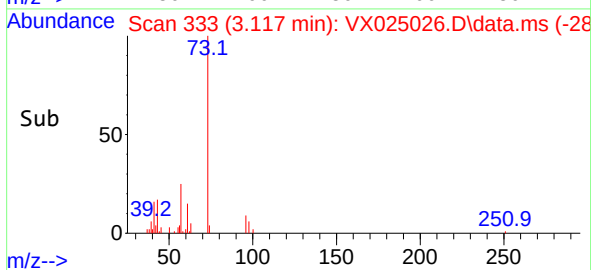
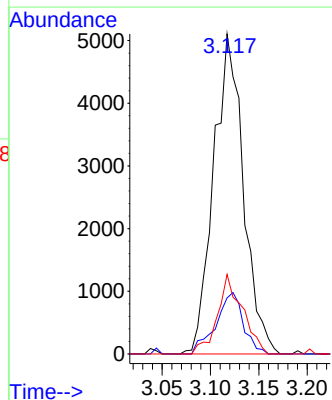
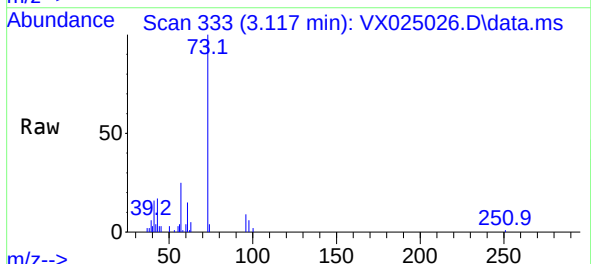
#17
trans-1,2-Dichloroethene
Concen: 2.731 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	96	Resp:	2864
Ion	Ratio	Lower	Upper
96	100		
61	125.6	99.4	184.6
98	42.9	47.0	87.2#



#18
Methyl tert-butyl Ether
Concen: 2.524 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	73	Resp:	10930
Ion	Ratio	Lower	Upper
73	100		
43	17.7	12.4	18.6
57	19.1	13.2	19.8

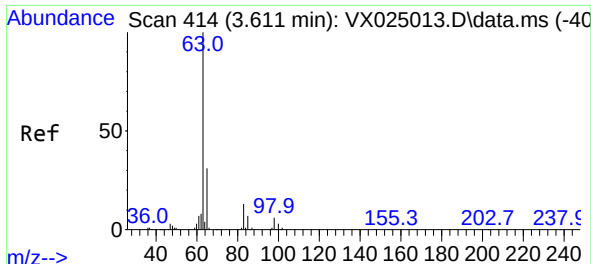


Instrument :
MSVOA_X
ClientSampleId :
MDL05

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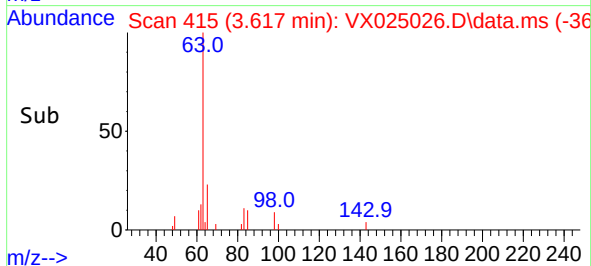
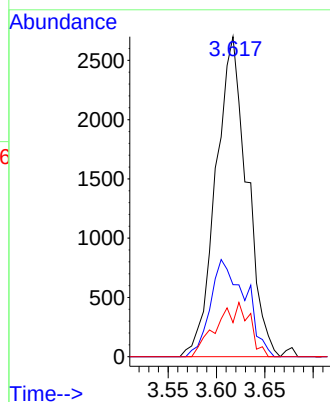
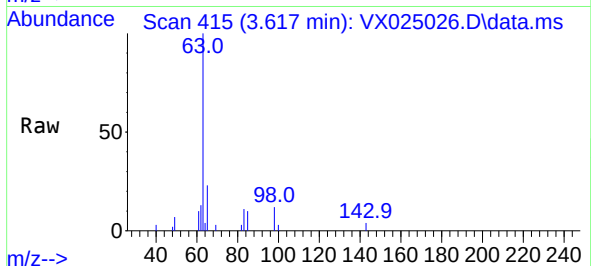


#19
1,1-Dichloroethane
Concen: 2.482 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	63	Resp:	6047
Ion	Ratio	Lower	Upper
63	100		
65	22.5	24.5	45.5#
83	10.6	11.7	21.7#

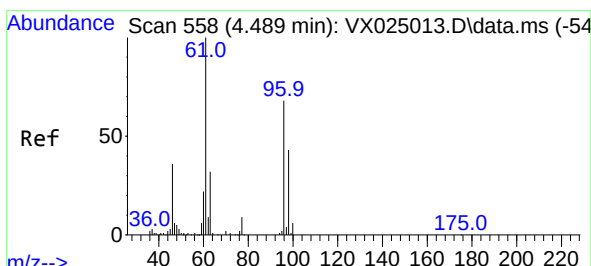
Instrument :
MSVOA_X
ClientSampled :
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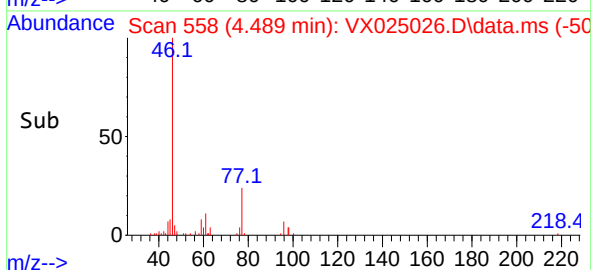
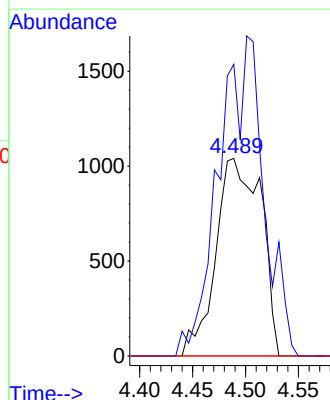
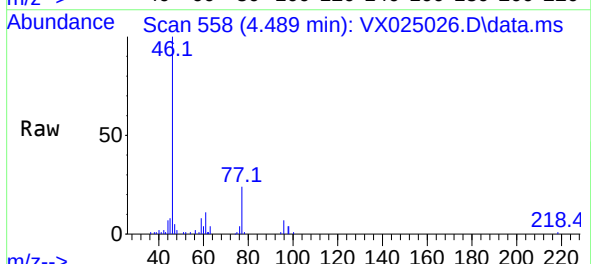
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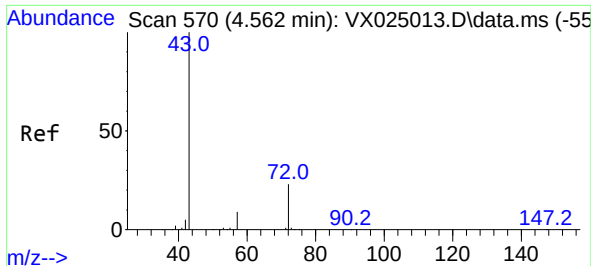
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#20
cis-1,2-Dichloroethene
Concen: 2.630 ug/L m
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	96	Resp:	3116
Ion	Ratio	Lower	Upper
96	100		
61	147.6	82.6	153.4
68	0.0	0.0	0.0



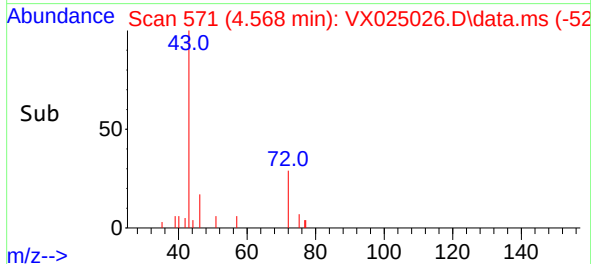
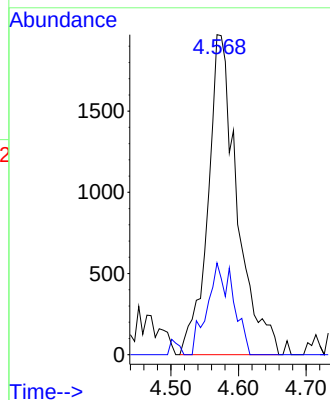
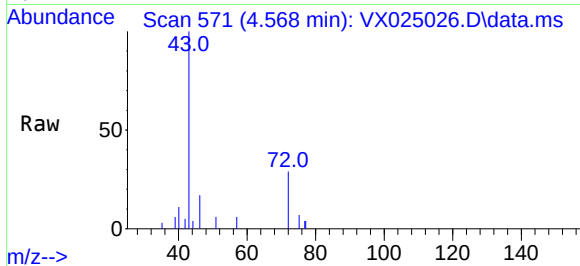


#22
2-Butanone
Concen: 4.821 ug/L m
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 43 Resp: 5914
Ion Ratio Lower Upper
43 100
72 1.4 18.4 55.0#

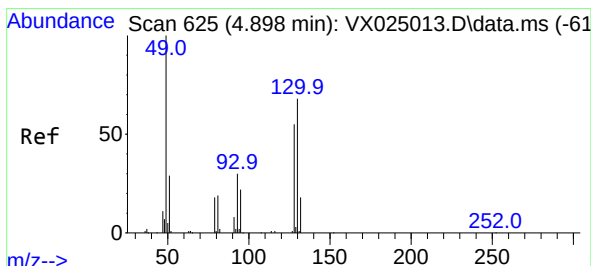
Instrument :
MSVOA_X
ClientSampled :
MDL05

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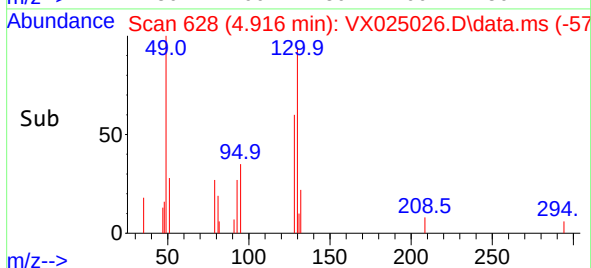
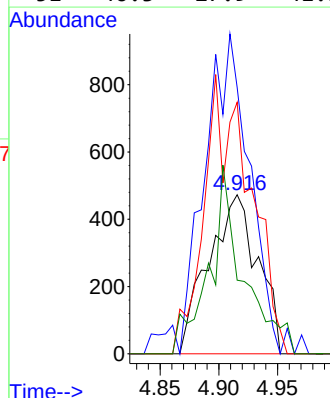
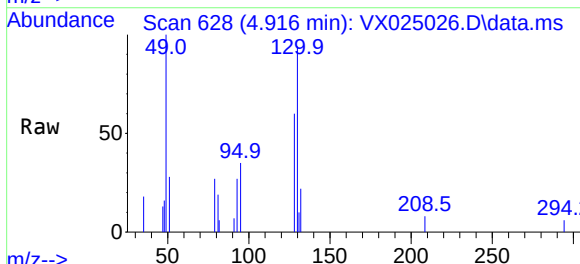
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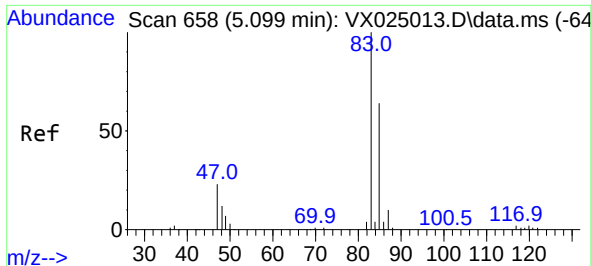
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#23
Bromochloromethane
Concen: 2.337 ug/L
RT: 4.916 min Scan# 628
Delta R.T. 0.018 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:128 Resp: 1383
Ion Ratio Lower Upper
128 100
49 167.4 71.5 132.7#
130 158.1 84.3 156.5#
51 46.3 27.9 41.9#



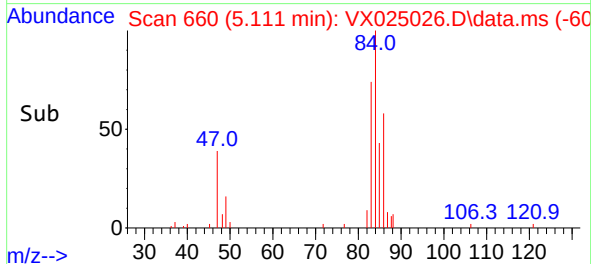
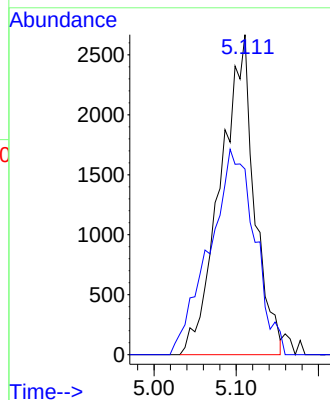
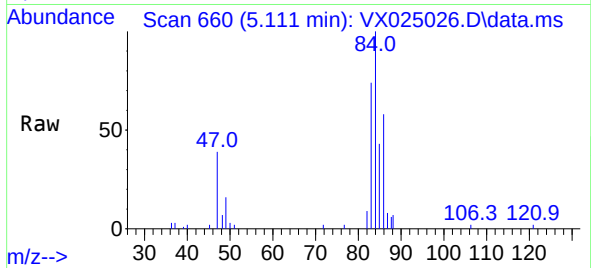


#25
Chloroform
Concen: 2.823 ug/L
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 83 Resp: 7656
Ion Ratio Lower Upper
83 100
85 58.0 46.3 86.1

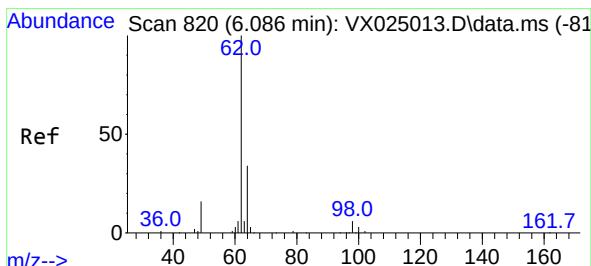
Instrument :
MSVOA_X
ClientSampled :
MDL05

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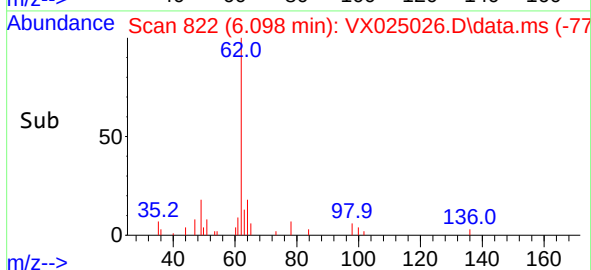
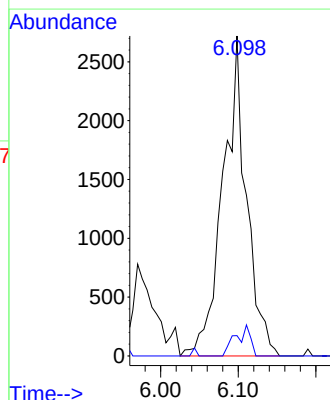
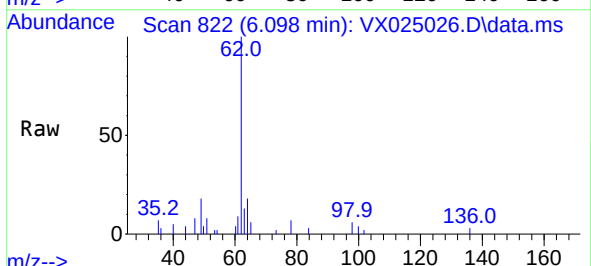
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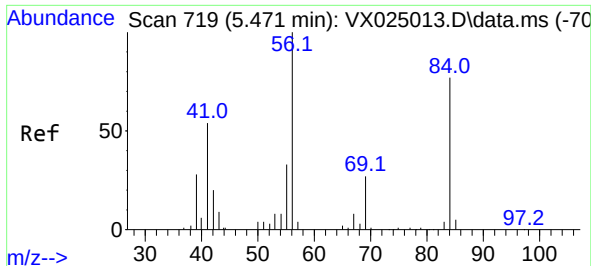
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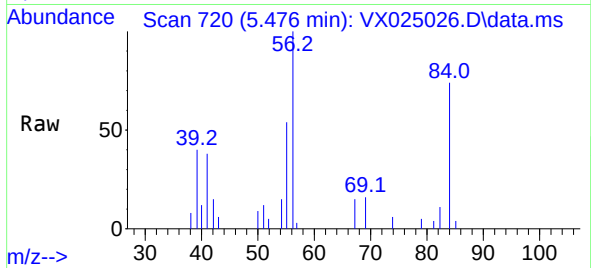
#27
1,2-Dichloroethane
Concen: 2.393 ug/L m
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 62 Resp: 5736
Ion Ratio Lower Upper
62 100
98 6.4 5.5 8.3

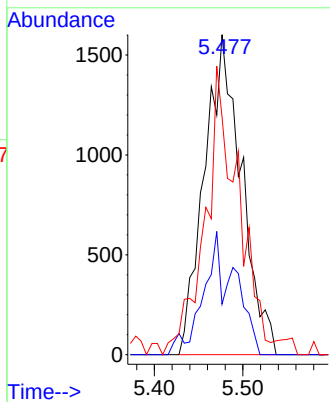
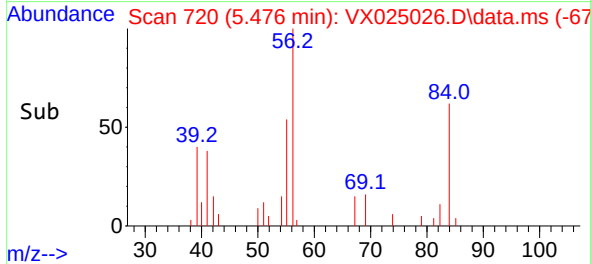




#29
Cyclohexane
Concen: 2.300 ug/L m
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16



Tgt Ion: 56 Resp: 4665
Ion Ratio Lower Upper
56 100
69 16.7 30.8 46.2#
84 34.3 86.8 130.2#

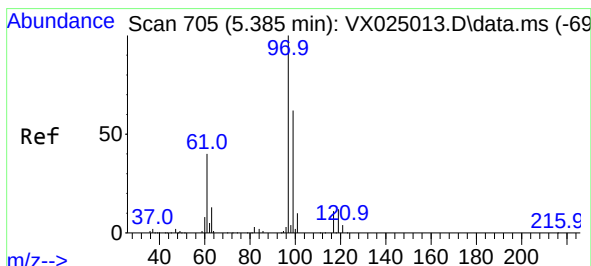


Instrument :
MSVOA_X
ClientSampled :
MDL05

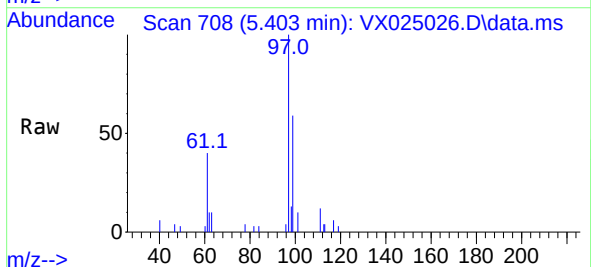
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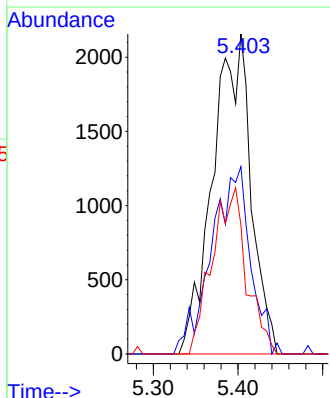
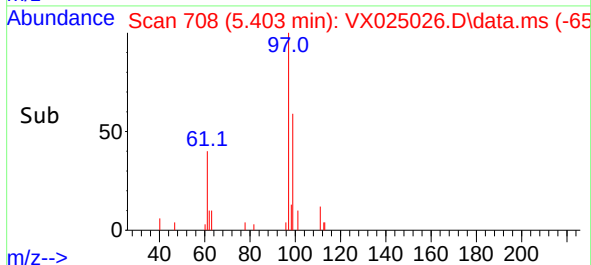
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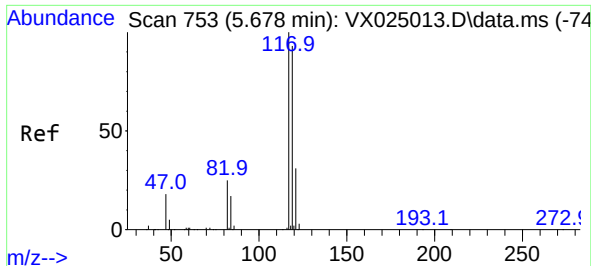


#30
1,1,1-Trichloroethane
Concen: 2.615 ug/L m
RT: 5.403 min Scan# 708
Delta R.T. 0.018 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16



Tgt Ion: 97 Resp: 6765
Ion Ratio Lower Upper
97 100
99 23.3 53.1 79.7#
61 22.0 26.3 39.5#



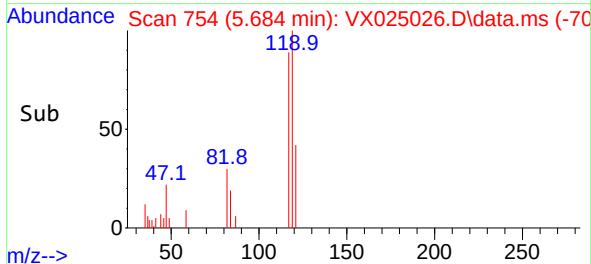
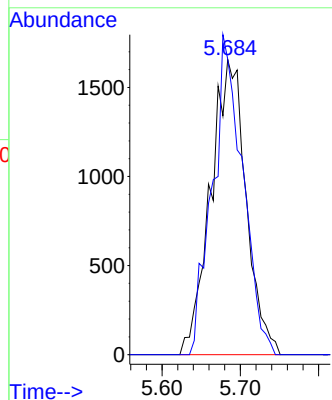
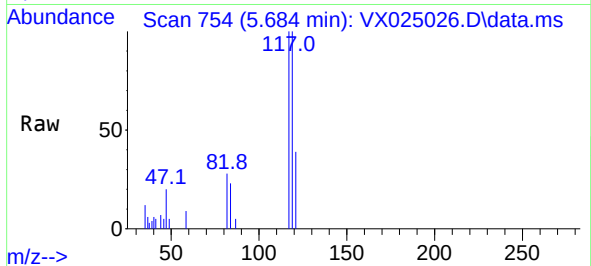


#31
Carbon tetrachloride
Concen: 2.382 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 117 Resp: 5219
Ion Ratio Lower Upper
117 100
119 72.1 76.0 114.0#

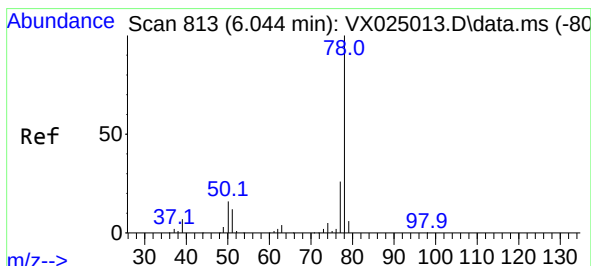
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ClientSampleId :
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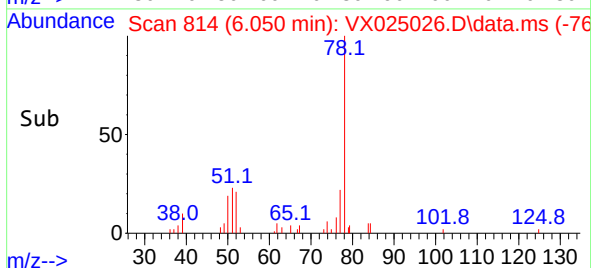
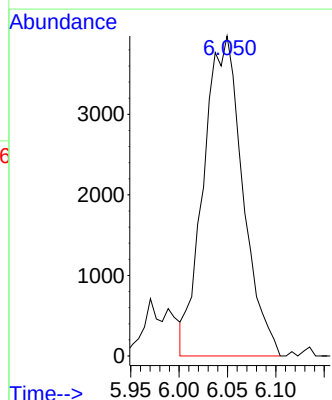
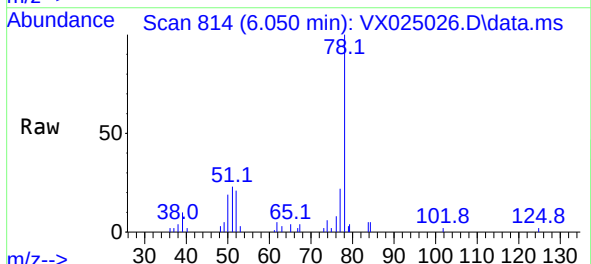
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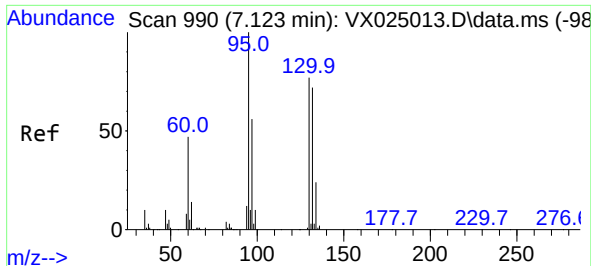
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#33
Benzene
Concen: 2.412 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 78 Resp: 11168



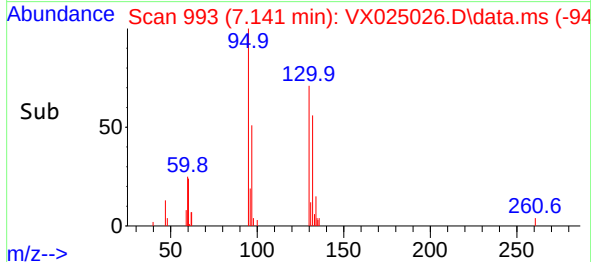
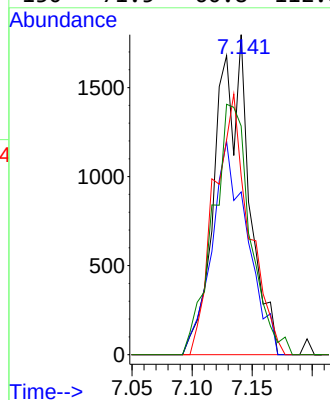
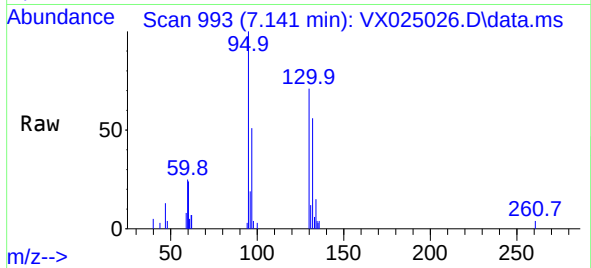


#34
Trichloroethene
Concen: 2.485 ug/L m
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	95	Resp:	3472
Ion	Ratio	Lower	Upper
95	100		
97	50.9	44.2	82.2
132	55.9	60.1	111.5#
130	71.5	60.8	112.8

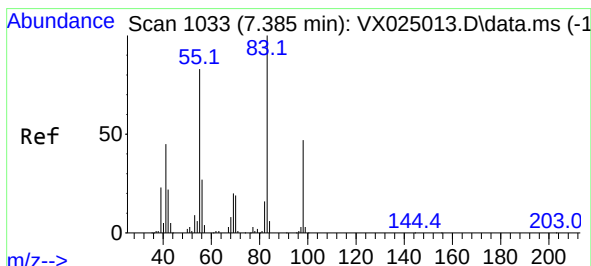
Instrument :
MSVOA_X
ClientSampleId :
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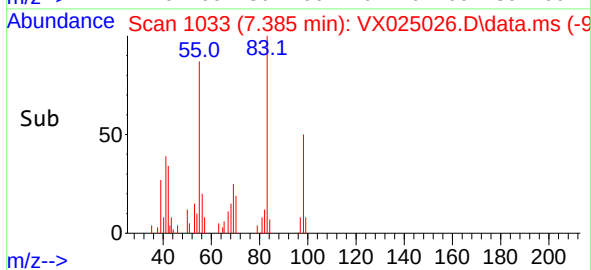
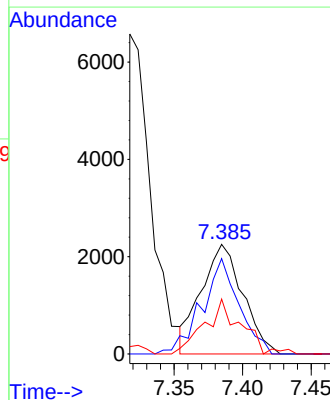
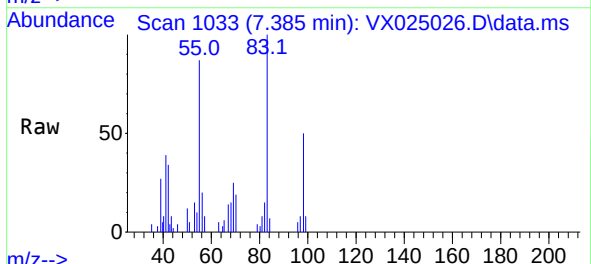
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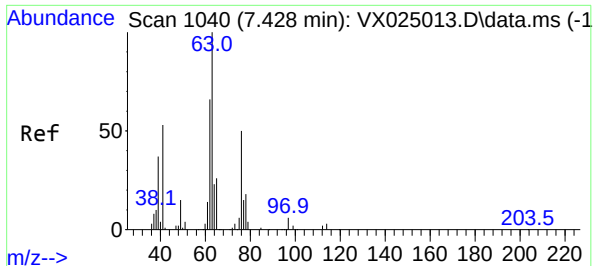
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#35
Methylcyclohexane
Concen: 2.365 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	83	Resp:	4767
Ion	Ratio	Lower	Upper
83	100		
55	77.1	52.6	79.0
98	25.9	37.9	56.9#



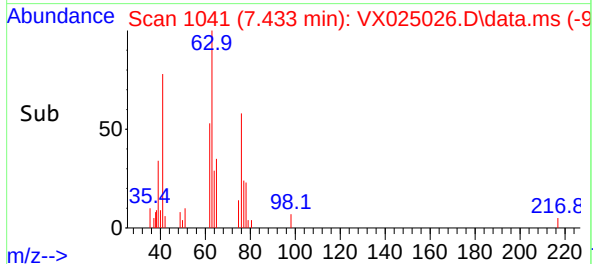
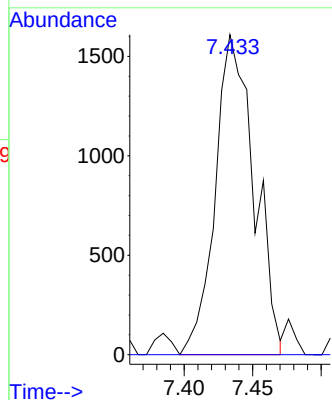
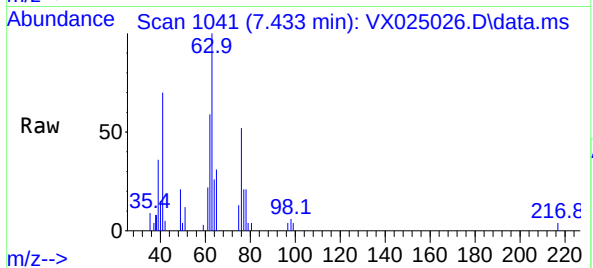


#37
1,2-Dichloropropane
Concen: 2.420 ug/L
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 63 Resp: 3188
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

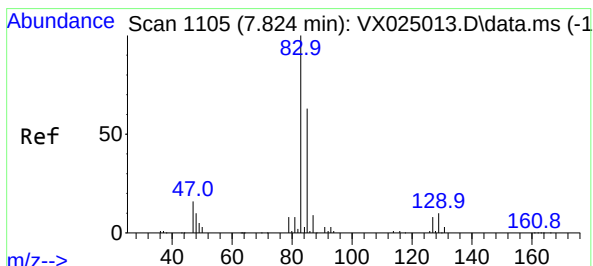
Instrument :
MSVOA_X
ClientSampled :
MDL05

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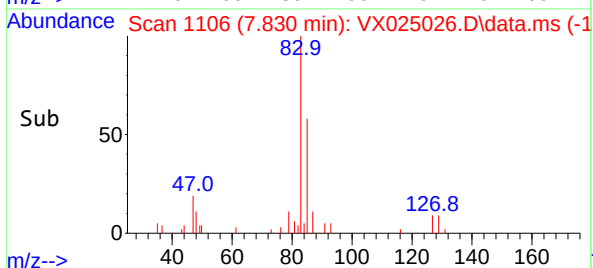
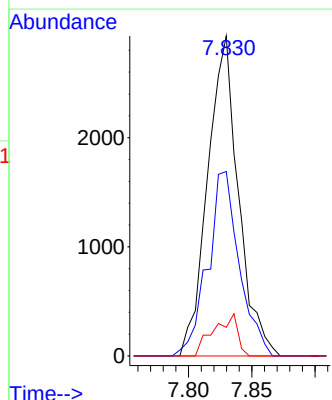
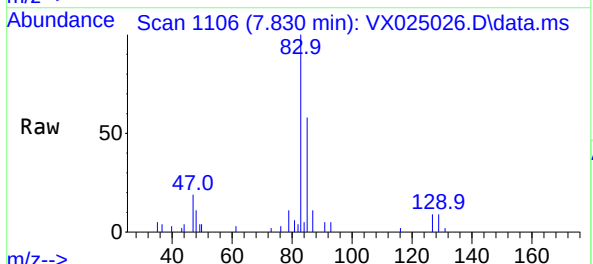
MMDadoda

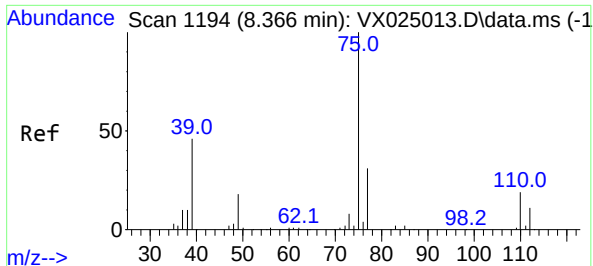
11/2/2021 2:33:00 PM



#38
Bromodichloromethane
Concen: 2.467 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 83 Resp: 4966
Ion Ratio Lower Upper
83 100
85 57.7 46.8 87.0
127 8.9 8.2 12.2



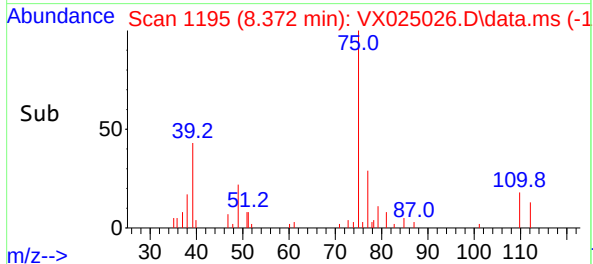
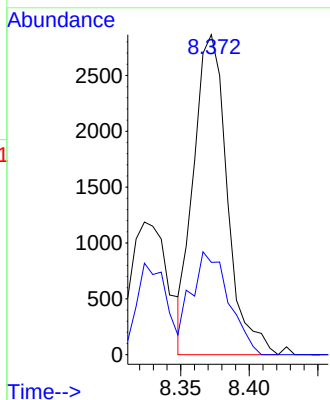
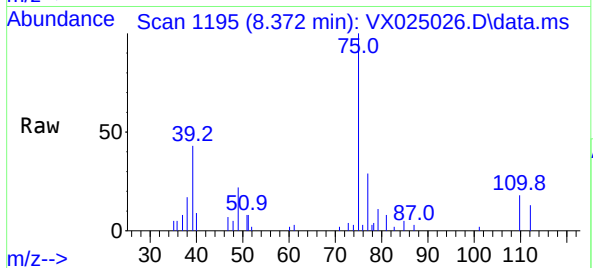


#39
cis-1,3-Dichloropropene
Concen: 2.284 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 75 Resp: 4890
Ion Ratio Lower Upper
75 100
77 28.9 23.1 42.9

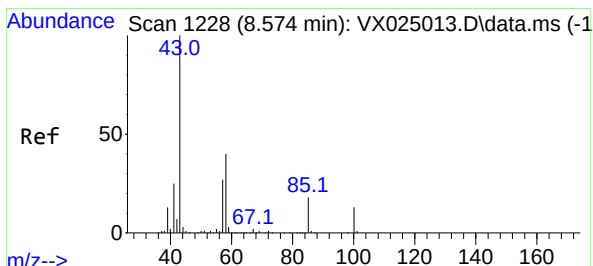
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED



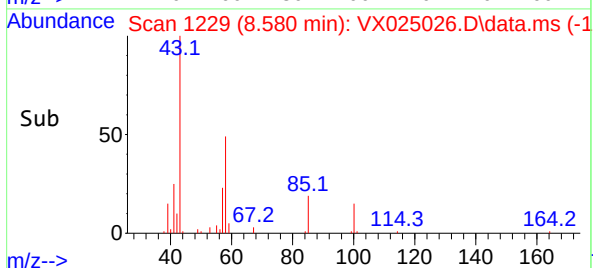
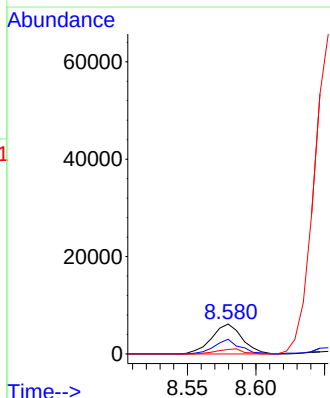
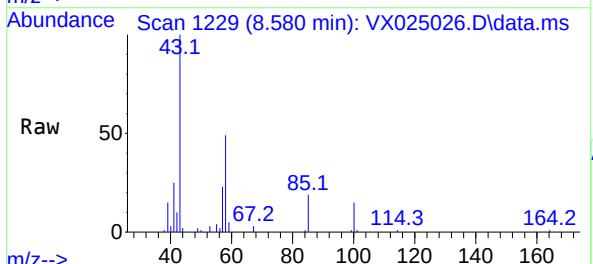
MMDadoda

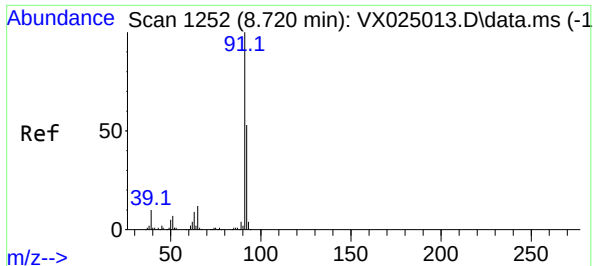
11/2/2021 2:33:00 PM



#40
4-Methyl-2-pentanone
Concen: 4.646 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 43 Resp: 9506
Ion Ratio Lower Upper
43 100
58 40.5 41.3 61.9#
100 14.2 19.6 29.4#





#42

Toluene

Concen: 2.791 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX025026.D

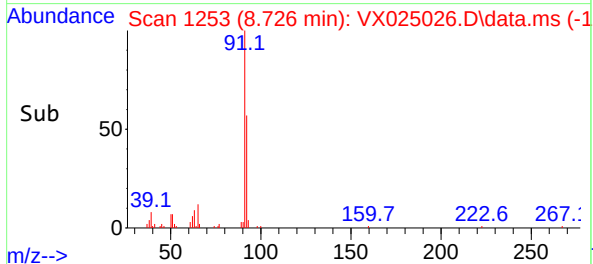
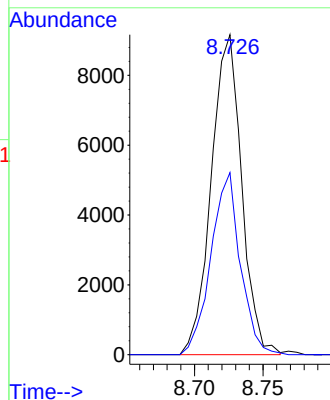
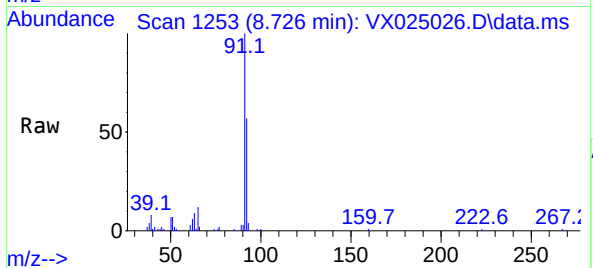
Acq: 29 Oct 2021 18:16

Tgt Ion: 91 Resp: 14141

Ion Ratio Lower Upper

91 100

92 56.9 39.3 72.9



Instrument :

MSVOA_X

ClientSampled :

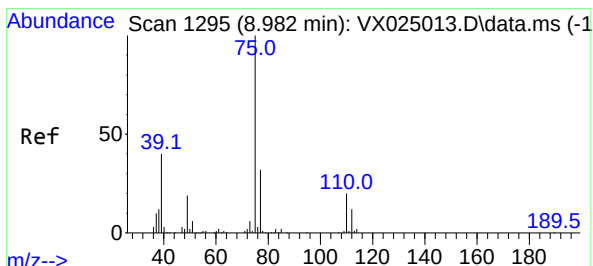
MDL05

Manual Integrations

APPROVED

MMDadoda

11/2/2021 2:33:00 PM



#44

trans-1,3-Dichloropropene

Concen: 2.565 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX025026.D

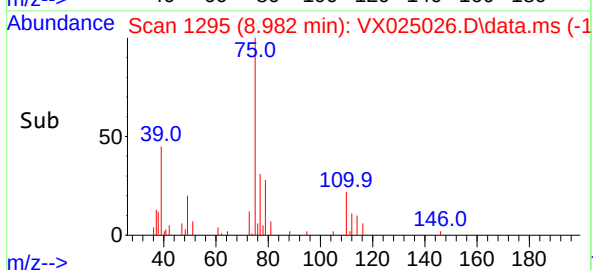
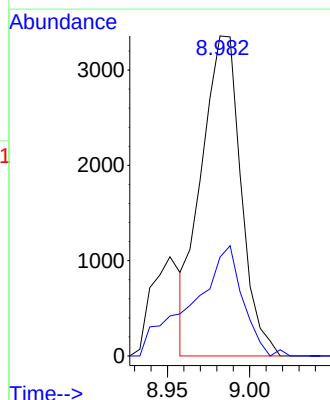
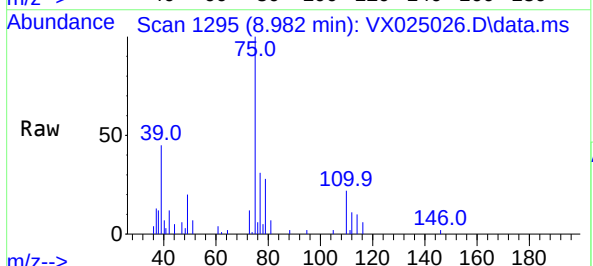
Acq: 29 Oct 2021 18:16

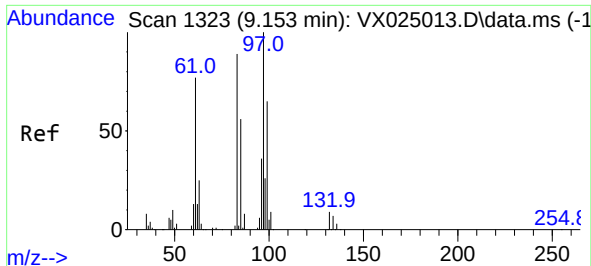
Tgt Ion: 75 Resp: 5655

Ion Ratio Lower Upper

75 100

77 30.9 23.4 43.6



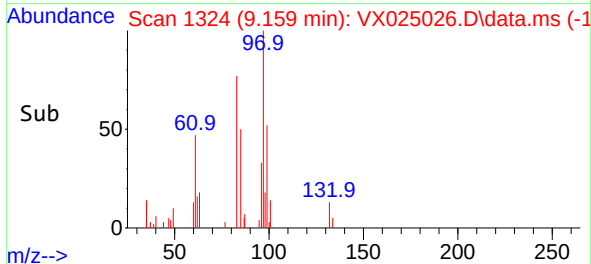
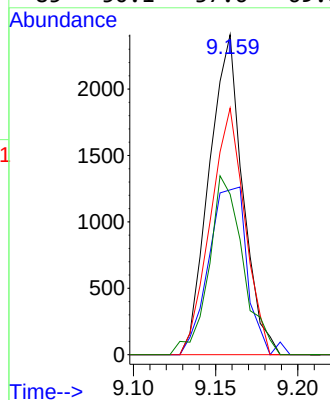
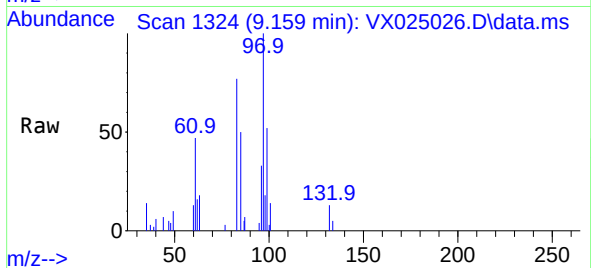


#45
1,1,2-Trichloroethane
Concen: 2.774 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 97	Resp: 3421
Ion Ratio	Lower Upper
97 100	
99 51.5	43.5 80.7
83 77.0	58.2 108.0
85 50.1	37.6 69.8

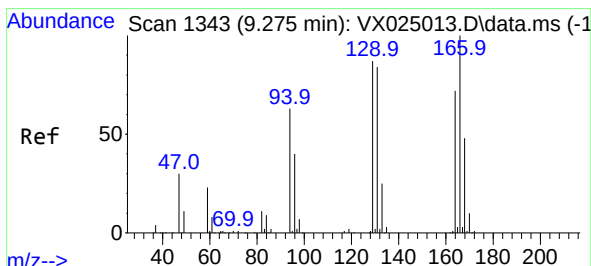
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED



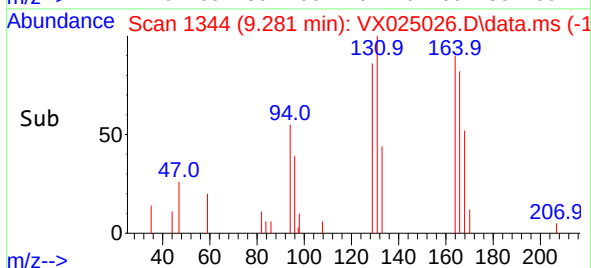
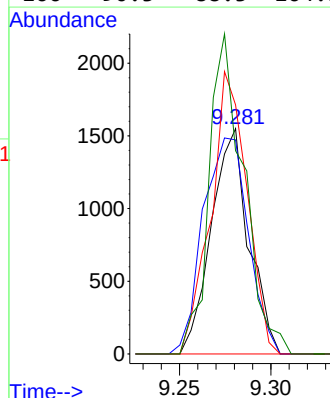
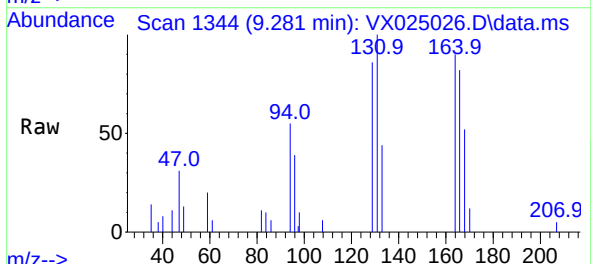
MMDadoda

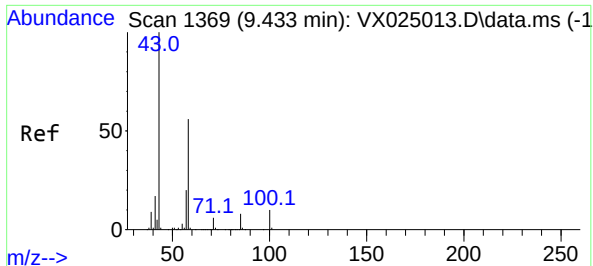
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#46
Tetrachloroethene
Concen: 2.539 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt	Ion:164	Resp:	2214
Ion	Ratio	Lower	Upper
164	100		
129	95.1	78.5	145.7
131	110.6	70.5	130.9
166	90.3	88.3	164.1



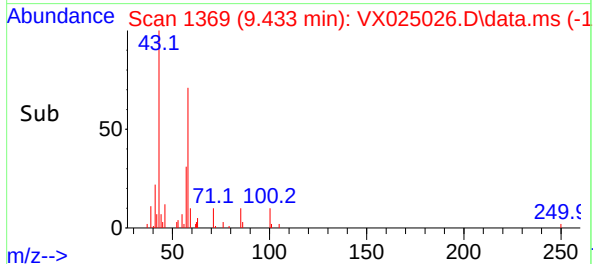
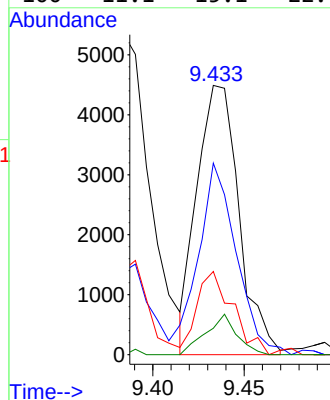
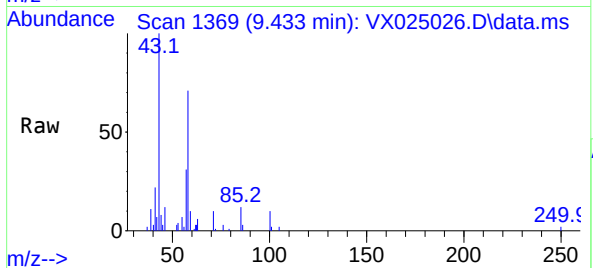


#48
2-Hexanone
Concen: 4.258 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 43	Resp: 7201
Ion Ratio	Lower Upper
43 100	
58 64.4	56.0 84.0
57 26.3	20.4 30.6
100 11.1	15.1 22.7#

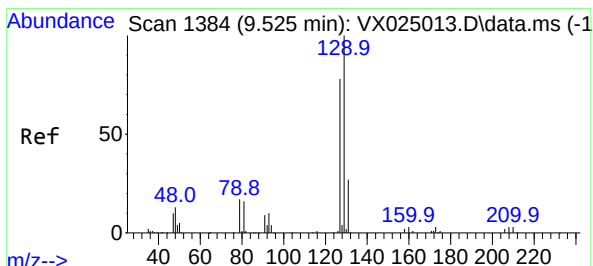
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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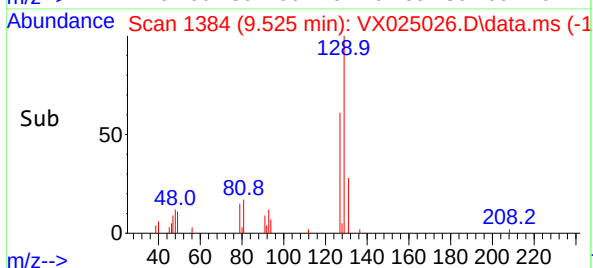
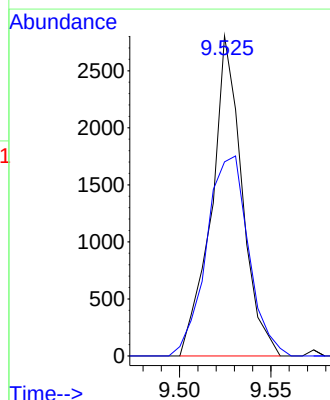
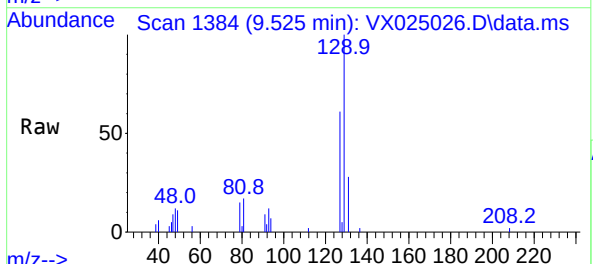
MMDadoda

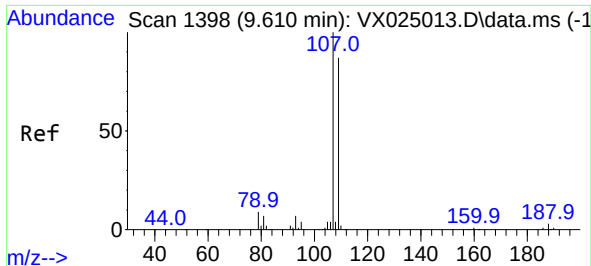
11/2/2021 2:33:00 PM



#49
Dibromochloromethane
Concen: 2.349 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

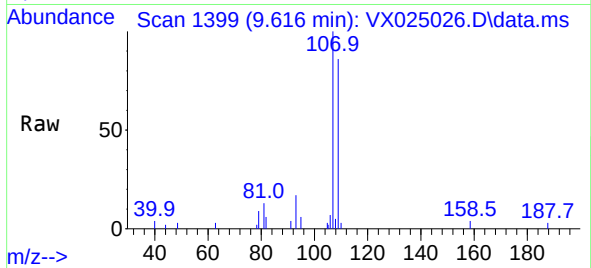
Tgt Ion:129	Resp:	3261	
Ion	Ratio	Lower	Upper
129	100		
127	60.7	54.1	100.5





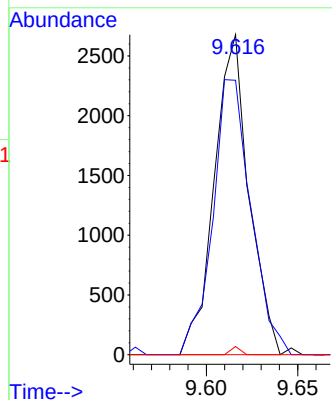
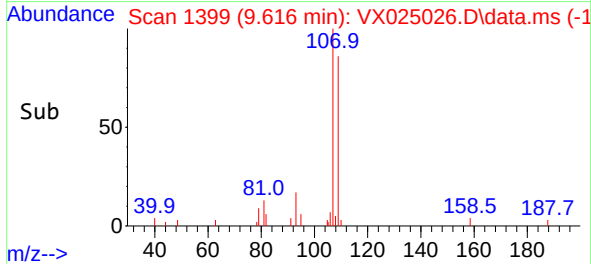
#50
1,2-Dibromoethane
Concen: 2.599 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampled :
MDL05



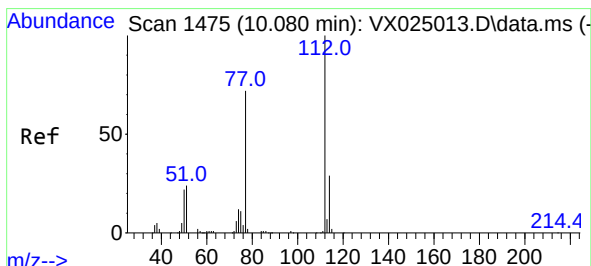
Tgt Ion:107 Resp: 3537
Ion Ratio Lower Upper
107 100
109 85.8 63.8 118.6
188 2.6 2.2 3.2

Manual Integrations
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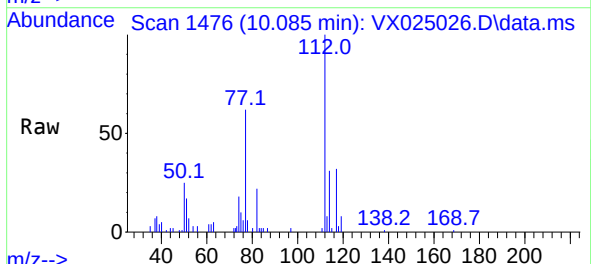


MMDadoda

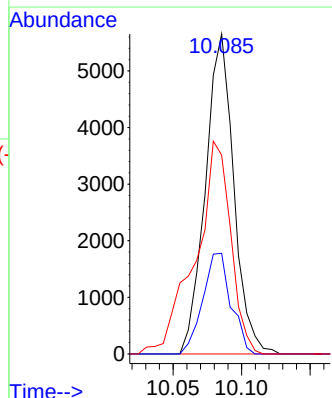
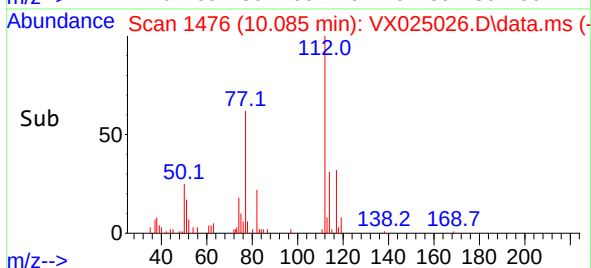
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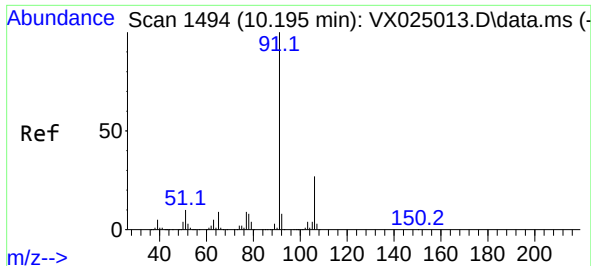


#51
Chlorobenzene
Concen: 2.687 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16



Tgt Ion:112 Resp: 8143
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.3
77 62.2 46.8 70.2



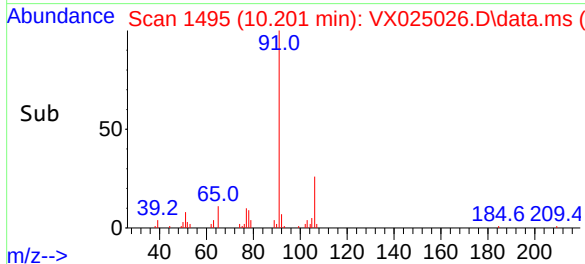
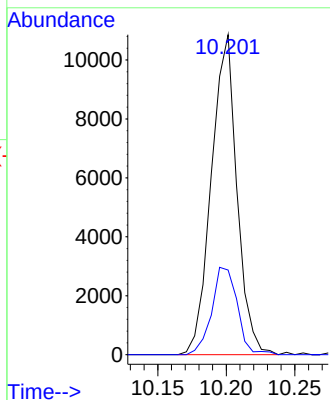
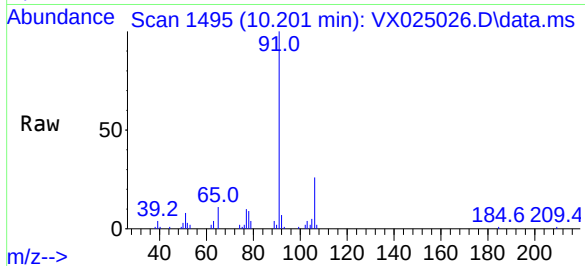


#52
Ethylbenzene
Concen: 2.412 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 91 Resp: 14105
Ion Ratio Lower Upper
91 100
106 26.4 20.2 37.6

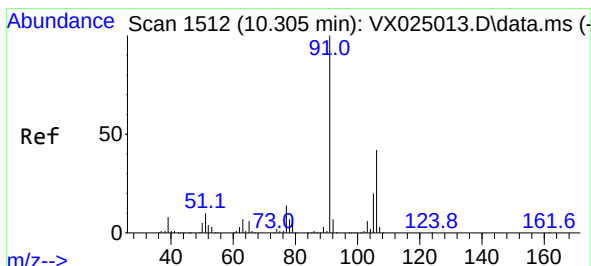
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED



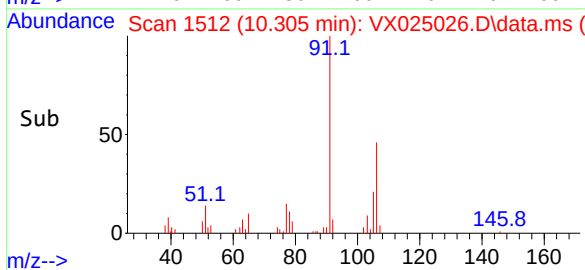
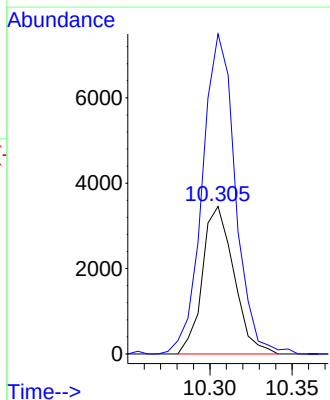
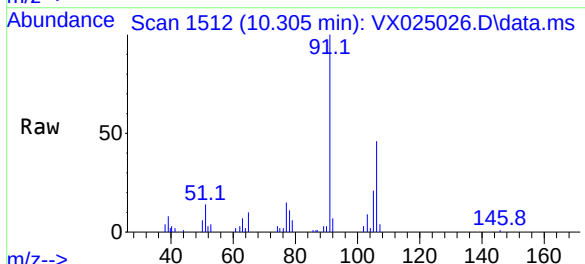
MMDadoda

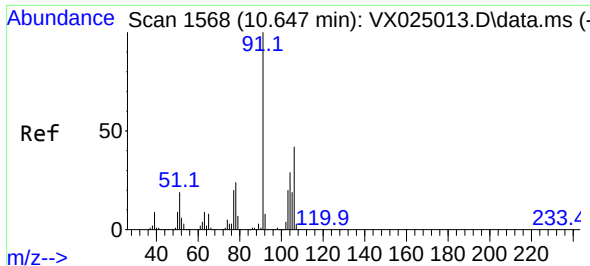
11/2/2021 2:33:00 PM



#53
m,p-Xylene
Concen: 2.287 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion: 106 Resp: 4600
Ion Ratio Lower Upper
106 100
91 216.9 160.2 297.6



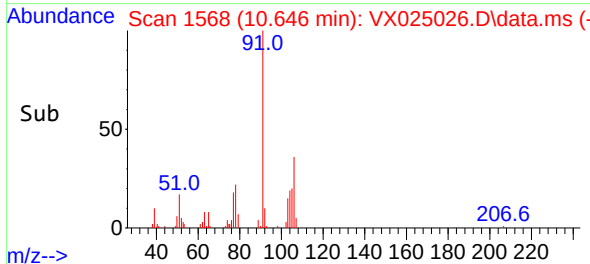
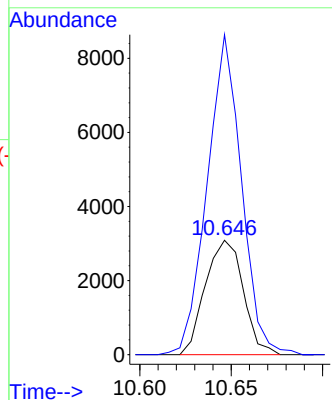
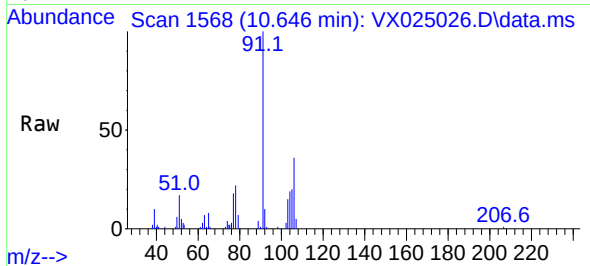


#54
o-Xylene
Concen: 2.266 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:106 Resp: 4456
Ion Ratio Lower Upper
106 100
91 279.8 164.4 305.4

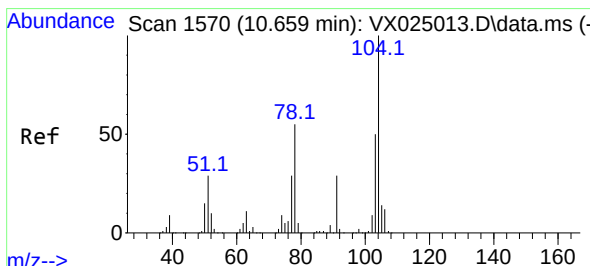
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED



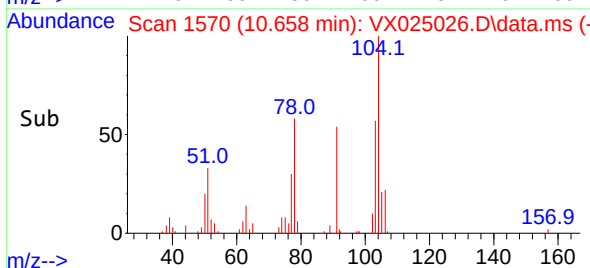
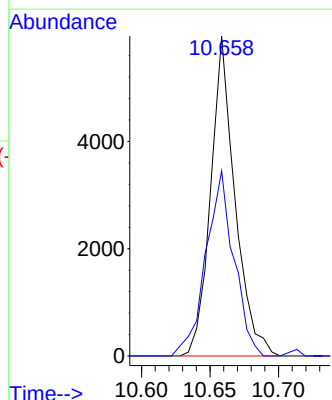
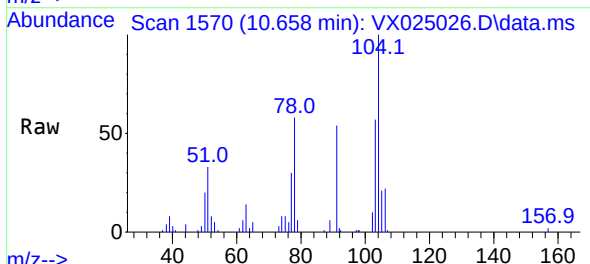
MMDadoda

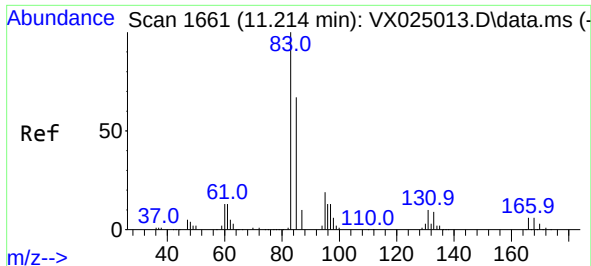
11/2/2021 2:33:00 PM



#55
Styrene
Concen: 2.215 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:104 Resp: 7365
Ion Ratio Lower Upper
104 100
78 57.8 38.2 71.0



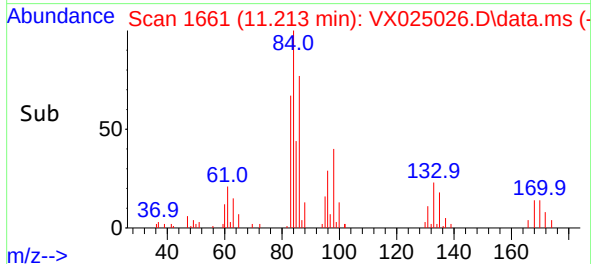
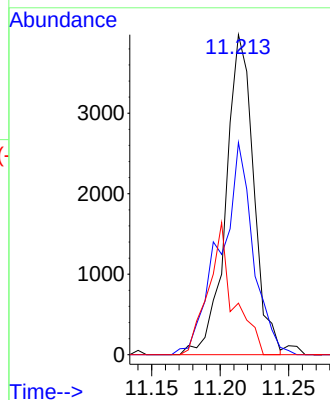
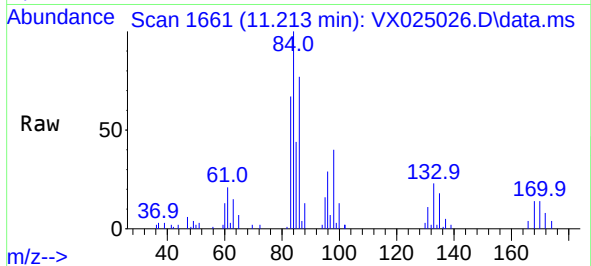


#57
1,1,2,2-Tetrachloroethane
Concen: 2.824 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampled :
MDL05

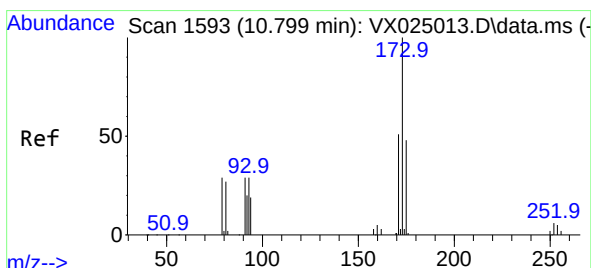
Tgt Ion:	83	Resp:	5604
Ion Ratio	Lower	Upper	
83	100		
85	66.3	46.9	87.1
131	16.1	8.7	13.1#

Manual Integrations
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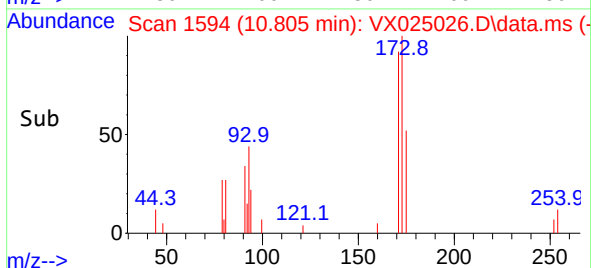
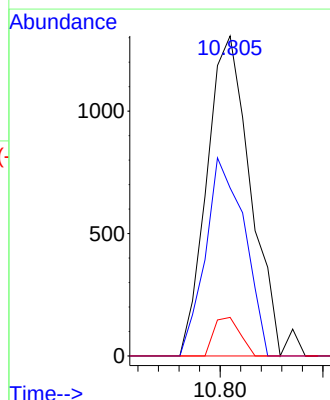
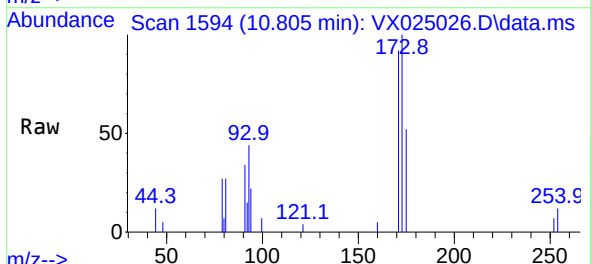
MMDadoda

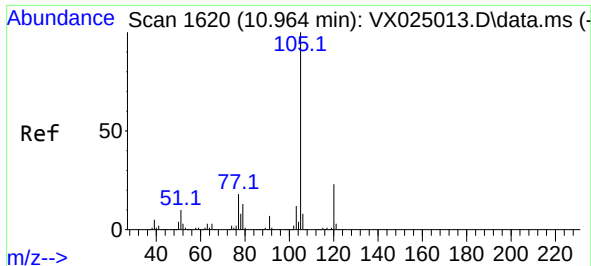
11/2/2021 2:33:00 PM



#59
Bromoform
Concen: 2.270 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	173	Resp:	1909
Ion Ratio	Lower	Upper	
173	100		
175	55.9	36.6	55.0#
254	7.3	4.9	7.3



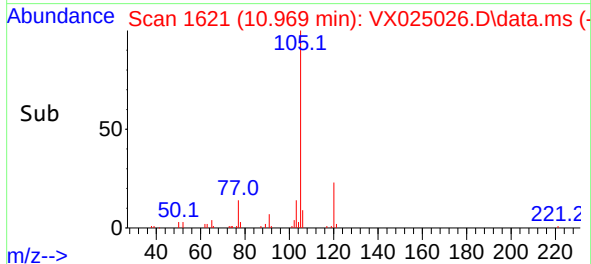
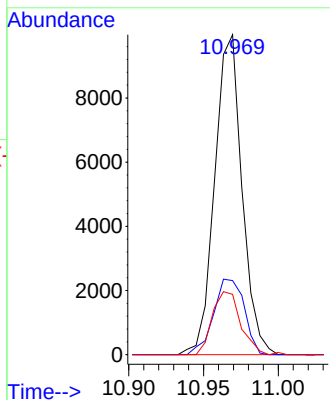
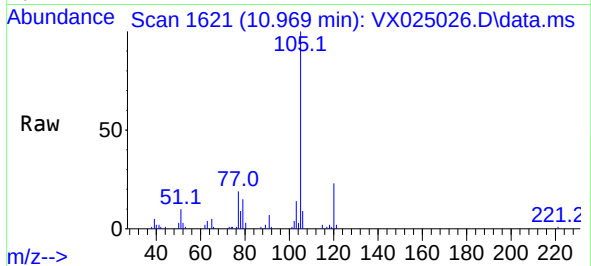


#60
Isopropylbenzene
Concen: 2.433 ug/L
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampled :
MDL05

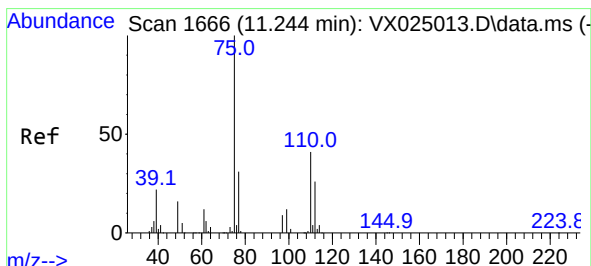
Tgt Ion:	105	Resp:	12661
Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.8	29.6
77	20.4	13.2	19.8#

Manual Integrations
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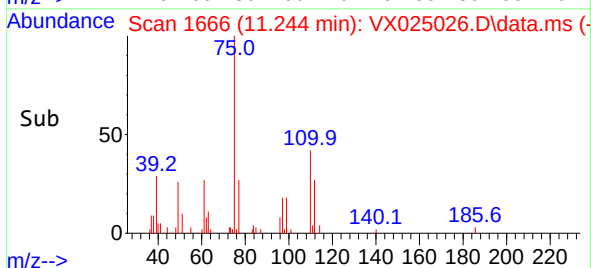
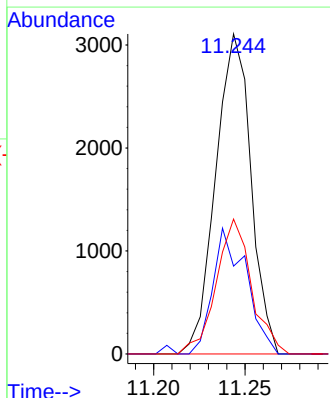
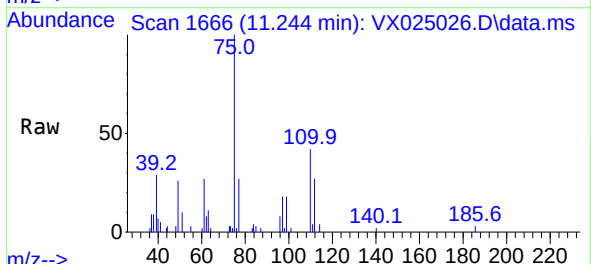
MMDadoda

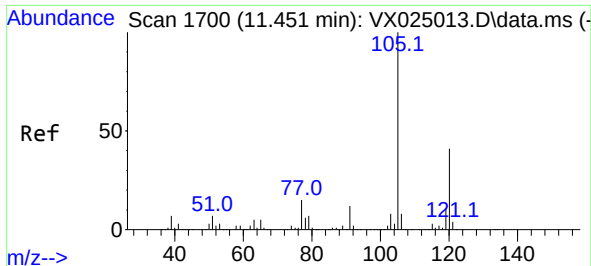
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#61
1,2,3-Trichloropropane
Concen: 2.509 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	75	Resp:	4172
Ion	Ratio	Lower	Upper
75	100		
77	37.1	26.6	39.8
110	42.1	37.2	55.8



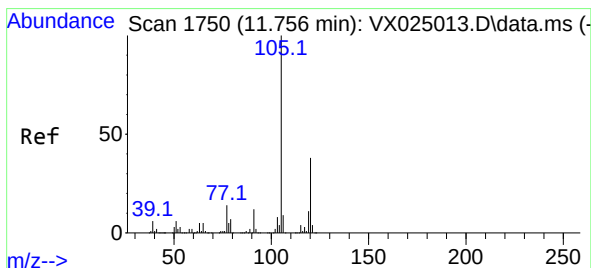
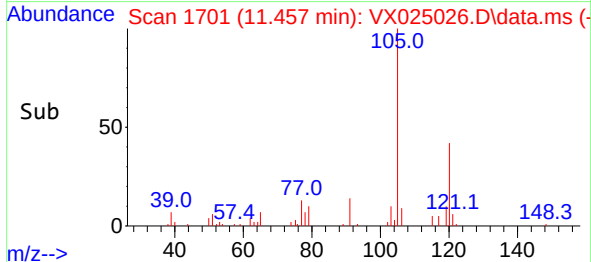
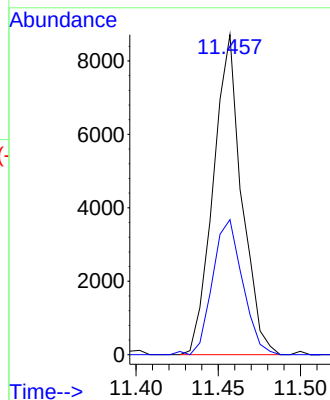
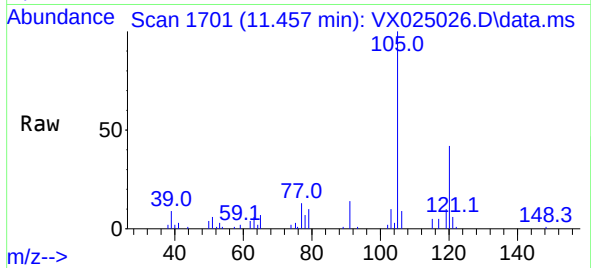


#62
1,3,5-Trimethylbenzene
Concen: 2.331 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:105 Resp: 10508
Ion Ratio Lower Upper
105 100
120 44.2 34.4 51.6

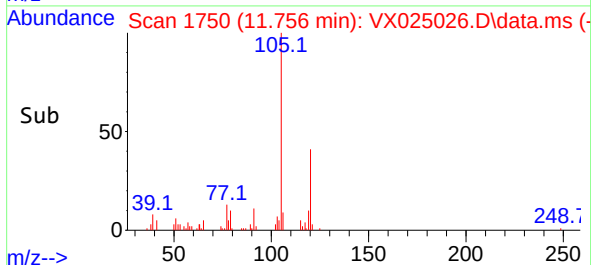
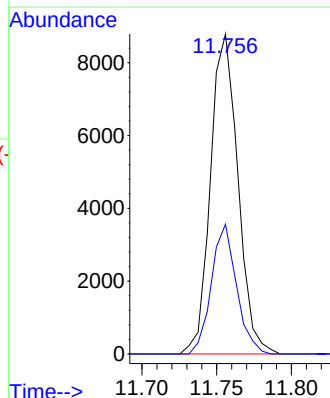
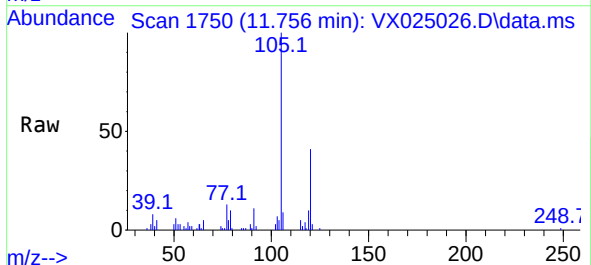
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
APPROVED



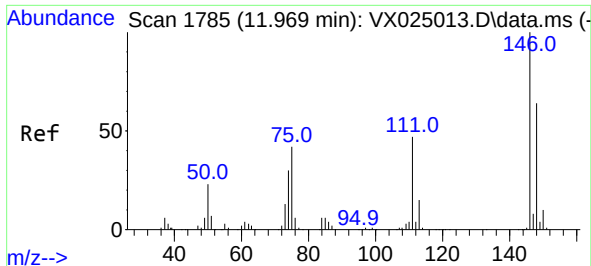
#63
1,2,4-Trimethylbenzene
Concen: 2.480 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:105 Resp: 11204
Ion Ratio Lower Upper
105 100
120 37.2 31.0 46.6



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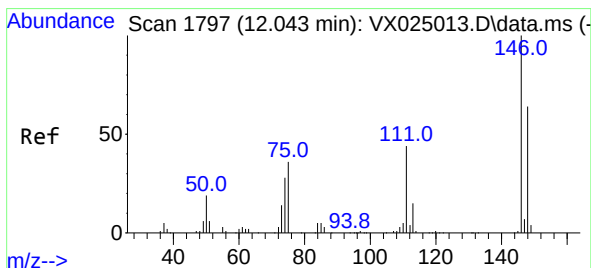
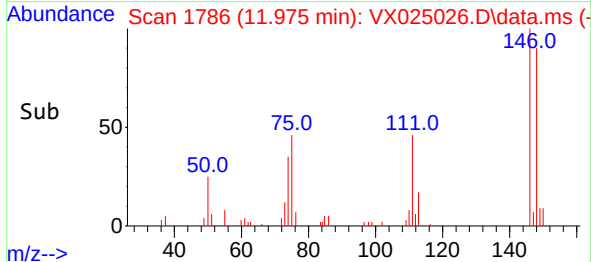
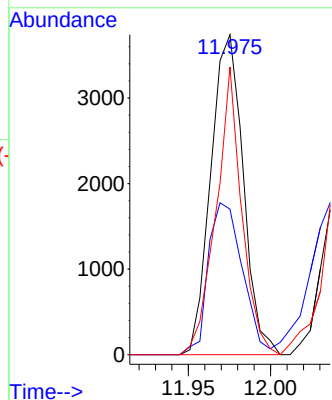
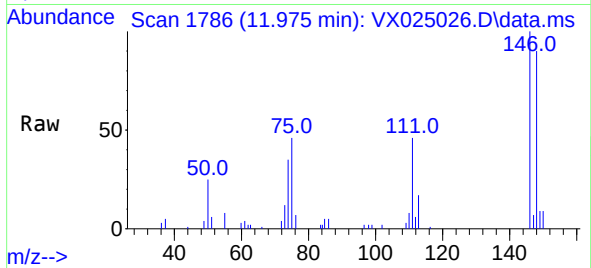


#64
1,3-Dichlorobenzene
Concen: 2.534 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:146 Resp: 5132
Ion Ratio Lower Upper
146 100
111 45.5 31.1 57.9
148 89.9 43.2 80.2#

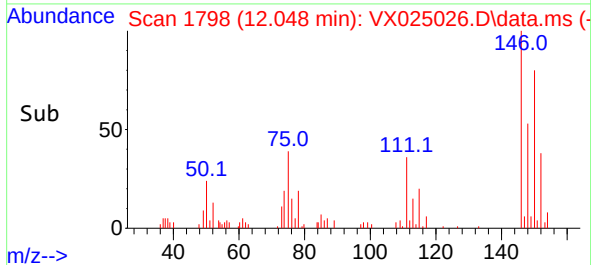
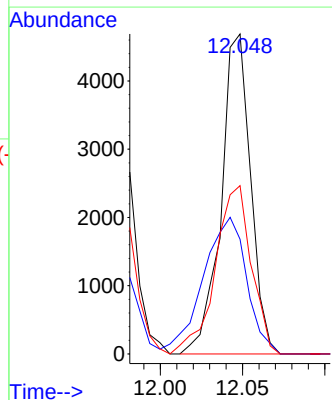
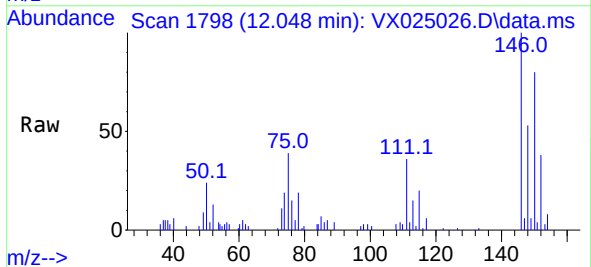
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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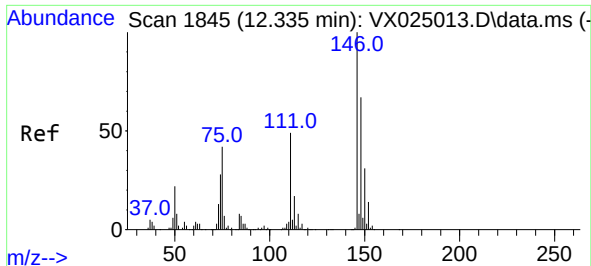
#65
1,4-Dichlorobenzene
Concen: 2.795 ug/L
RT: 12.048 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:146 Resp: 5854
Ion Ratio Lower Upper
146 100
111 35.9 31.8 59.0
148 52.6 46.1 85.5



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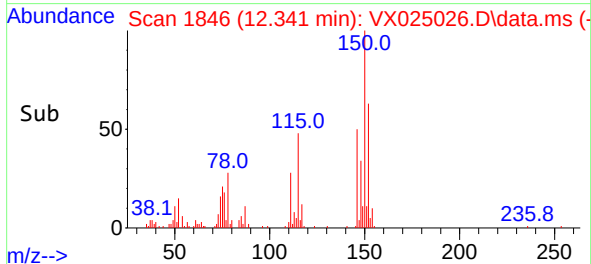
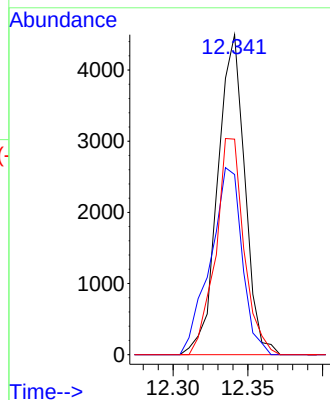
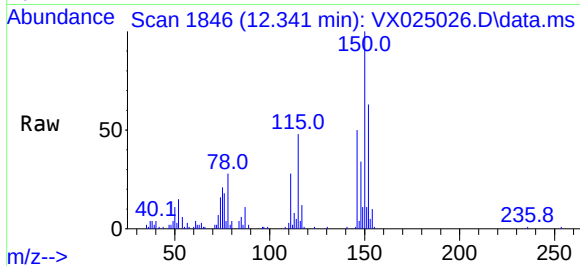


#67
1,2-Dichlorobenzene
Concen: 2.739 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:	146	Resp:	5666
Ion Ratio	Lower	Upper	
146	100		
111	56.3	38.5	57.7
148	67.3	53.2	79.8

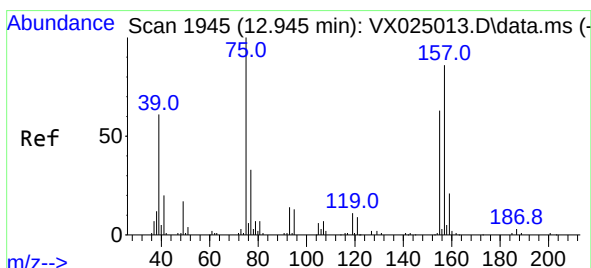
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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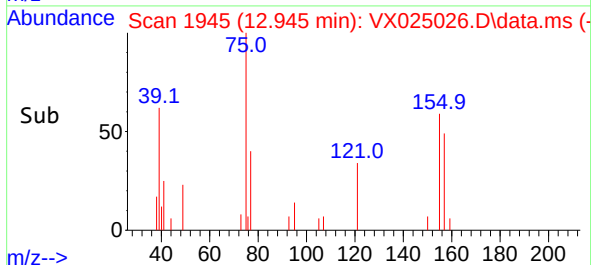
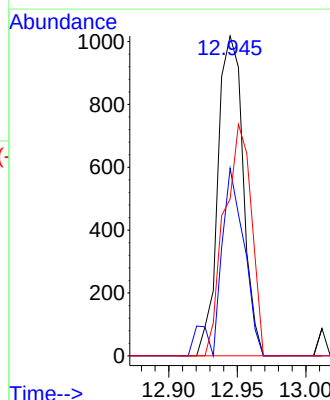
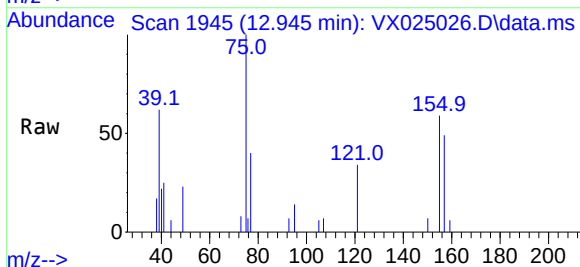
MMDadoda

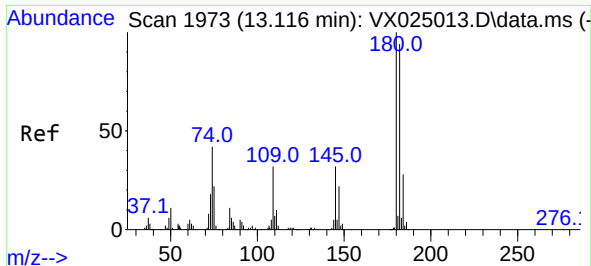
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.399 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

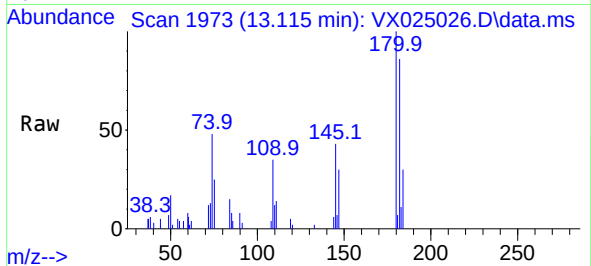
Tgt Ion:	75	Resp:	1301
Ion Ratio	Lower	Upper	
75	100		
155	58.6	59.3	88.9#
157	49.0	68.7	103.1#





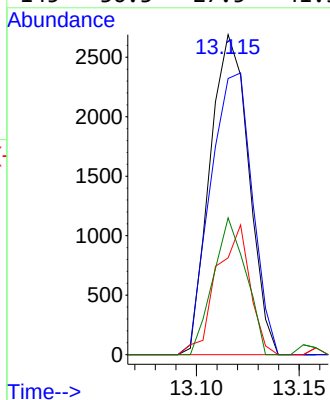
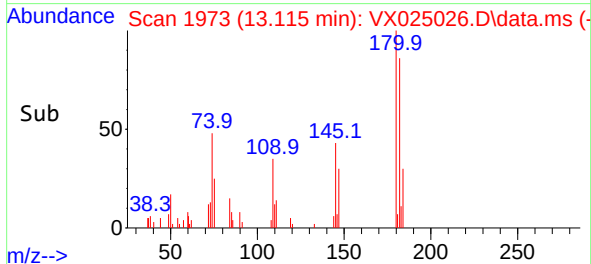
#69
1,3,5-Trichlorobenzene
Concen: 2.428 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Instrument :
MSVOA_X
ClientSampleId :
MDL05



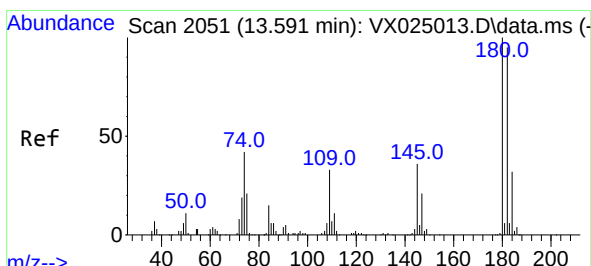
Tgt Ion:	180	Resp:	3532
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.2	111.4
184	34.9	23.7	35.5
145	36.3	27.5	41.3

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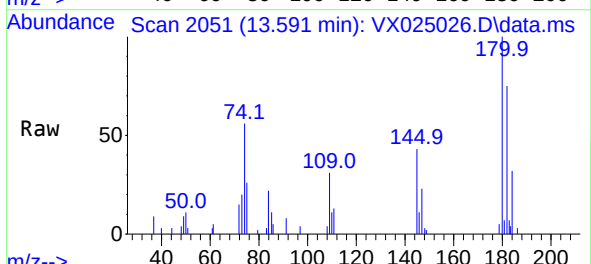


MMDadoda

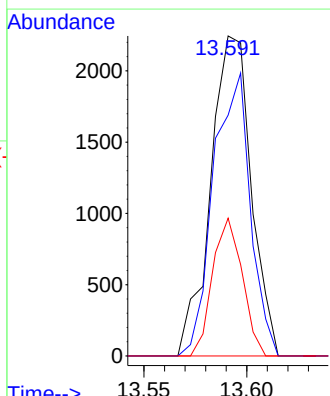
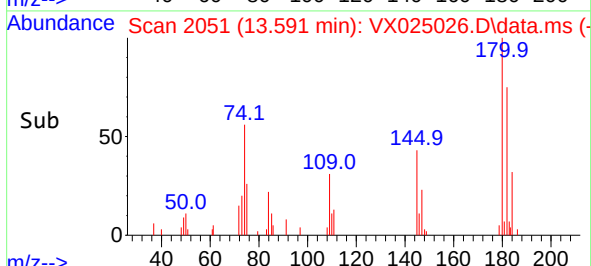
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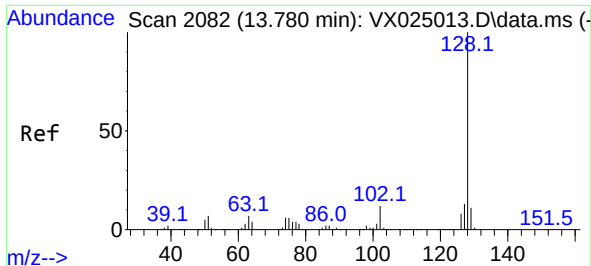


#70
1,2,4-trichlorobenzene
Concen: 2.504 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16



Tgt Ion:	180	Resp:	3087
Ion Ratio	Lower	Upper	
180	100		
182	80.2	76.4	114.6
145	31.5	28.8	43.2



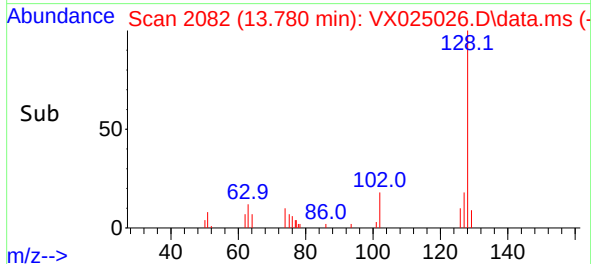
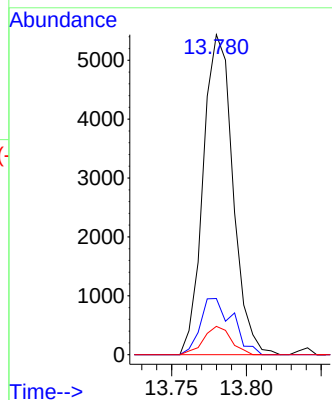
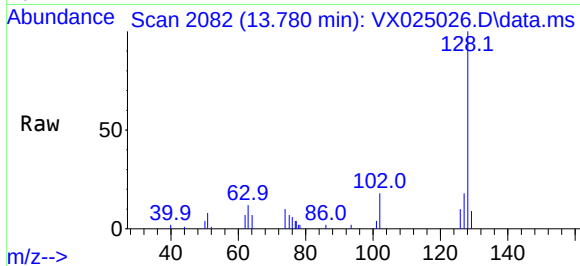


#71
Naphthalene
Concen: 1.763 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:128 Resp: 7516
Ion Ratio Lower Upper
128 100
127 19.2 10.6 15.8#
129 8.2 9.1 13.7#

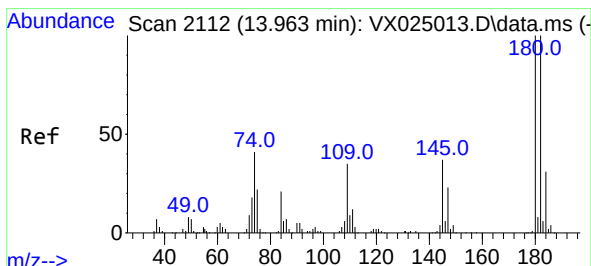
Instrument :
MSVOA_X
ClientSampled :
MDL05

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 2.318 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025026.D
Acq: 29 Oct 2021 18:16

Tgt Ion:180 Resp: 2939
Ion Ratio Lower Upper
180 100
182 90.8 73.3 109.9
145 32.9 29.0 43.4

