

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
 Data File : VX024850.D
 Acq On : 19 Oct 2021 15:56
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2021 10:46:37 AM

Quant Time: Oct 20 04:24:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 04:21:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	295113	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266827	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127882	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	77127	42.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.42%		
7) Chloroethane-d5	1.666	69	58883	48.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.90%		
11) 1,1-Dichloroethene-d2	2.306	63	111706	31.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.28%		
21) 2-Butanone-d5	4.458	46	186988	124.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.48%		
24) Chloroform-d	5.062	84	164192m	44.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.74%		
26) 1,2-Dichloroethane-d4	5.964	65	112950	43.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.32%		
32) Benzene-d6	5.982	84	305928	40.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.40%		
36) 1,2-Dichloropropane-d6	7.311	67	106682	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.76%		
41) Toluene-d8	8.652	98	279340	38.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.28%#		
43) trans-1,3-Dichloroprop...	8.951	79	46691	40.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.16%		
47) 2-Hexanone-d5	9.384	63	115432	104.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.59%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	146801	45.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.68%		
66) 1,2-Dichlorobenzene-d4	12.323	152	111008	44.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	3857	1.48	ug/L	95
3) Chloromethane	1.294	50	4500	2.11	ug/L	99
5) Vinyl chloride	1.373	62	4381	2.04	ug/L #	67
6) Bromomethane	1.611	94	2599	2.19	ug/L	94
8) Chloroethane	1.690	64	2544	2.27	ug/L	92
9) Trichlorofluoromethane	1.885	101	5598	1.85	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	4286	2.27	ug/L #	86
12) 1,1-Dichloroethene	2.324	96	3930	2.32	ug/L #	1
13) Acetone	2.379	43	6385	4.30	ug/L	89
14) Carbon disulfide	2.513	76	7133	1.46	ug/L	98
15) Methyl Acetate	2.702	43	4811	2.03	ug/L #	89
16) Methylene chloride	2.794	84	4134	2.03	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	3381	1.76	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	10526	1.67	ug/L #	91
19) 1,1-Dichloroethane	3.623	63	6210	1.73	ug/L	90
20) cis-1,2-Dichloroethene	4.495	96	3725	1.72	ug/L	83
22) 2-Butanone	4.568	43	7327	3.73	ug/L #	69
23) Bromochloromethane	4.903	128	1984	1.75	ug/L #	89
27) 1,2-Dichloroethane	6.098	62	5340	1.70	ug/L #	88

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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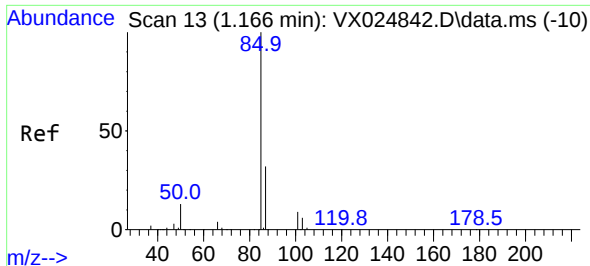
Manual Integrations
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Quant Time: Oct 20 04:24:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.476	56	5614	1.70	ug/L #	82
30) 1,1,1-Trichloroethane	5.391	97	5331	1.52	ug/L	91
31) Carbon tetrachloride	5.684	117	3912	1.27	ug/L #	55
33) Benzene	6.049	78	13516	1.64	ug/L	100
34) Trichloroethene	7.134	95	3839	1.69	ug/L	82
35) Methylcyclohexane	7.391	83	5441	1.51	ug/L #	55
37) 1,2-Dichloropropane	7.439	63	3829	1.76	ug/L #	86
38) Bromodichloromethane	7.829	83	3912	1.41	ug/L #	83
39) cis-1,3-Dichloropropene	8.366	75	5099	1.57	ug/L #	65
40) 4-Methyl-2-pentanone	8.573	43	12702	3.84	ug/L #	84
42) Toluene	8.720	91	17599	1.91	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	5632	1.77	ug/L	87
45) 1,1,2-Trichloroethane	9.152	97	3513	1.66	ug/L	93
46) Tetrachloroethene	9.280	164	2774	1.57	ug/L	96
48) 2-Hexanone	9.433	43	12219	4.53	ug/L #	86
49) Dibromochloromethane	9.524	129	2706	1.23	ug/L	84
50) 1,2-Dibromoethane	9.616	107	3611	1.58	ug/L #	98
51) Chlorobenzene	10.085	112	8655	1.56	ug/L	88
52) Ethylbenzene	10.195	91	14036	1.48	ug/L	98
53) m,p-Xylene	10.305	106	5088	1.37	ug/L	88
54) o-Xylene	10.646	106	5054	1.37	ug/L	96
55) Styrene	10.658	104	8176	1.32	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	5666	1.70	ug/L #	88
59) Bromoform	10.798	173	2017	1.39	ug/L #	89
60) Isopropylbenzene	10.963	105	12580	1.43	ug/L	97
61) 1,2,3-Trichloropropane	11.243	75	4649	1.77	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	10704	1.38	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	10955	1.45	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	5821	1.42	ug/L	97
65) 1,4-Dichlorobenzene	12.048	146	5996	1.46	ug/L	89
67) 1,2-Dichlorobenzene	12.341	146	6260	1.54	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.938	75	827m	1.17	ug/L	
69) 1,3,5-Trichlorobenzene	13.115	180	4365	1.48	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	3528	1.41	ug/L	96
71) Naphthalene	13.780	128	8437	1.01	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	3202	1.24	ug/L	91

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



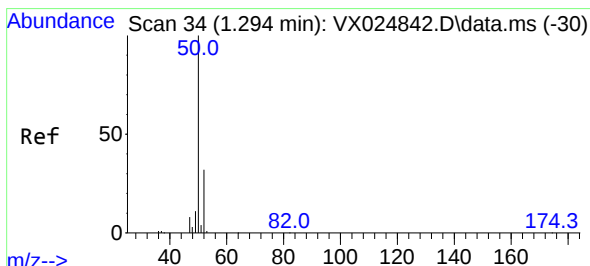
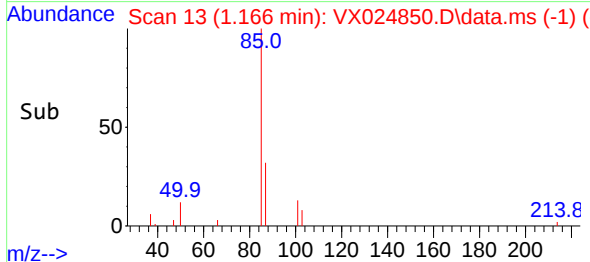
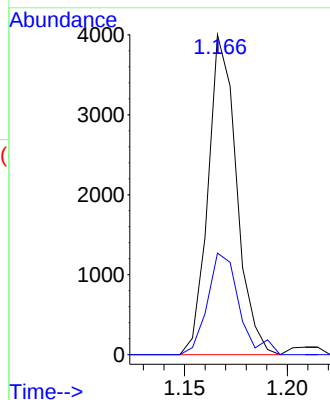
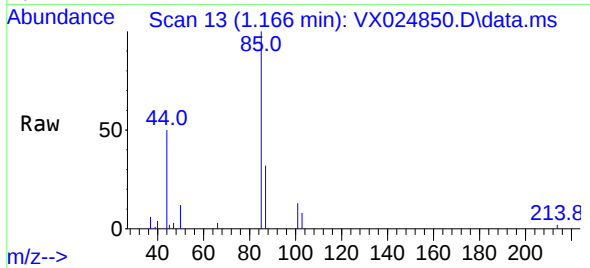
#2
Dichlorodifluoromethane
Concen: 1.48 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 85 Resp: 3857
Ion Ratio Lower Upper
85 100
87 35.2 25.9 38.9

Instrument :
MSVOA_X
ClientSampled :
MDL01

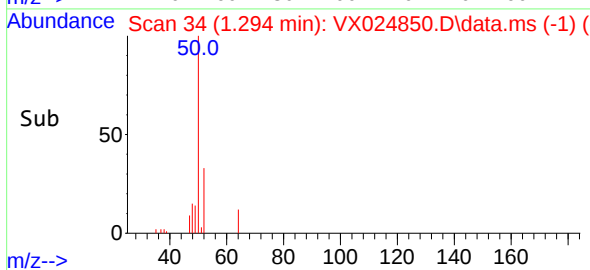
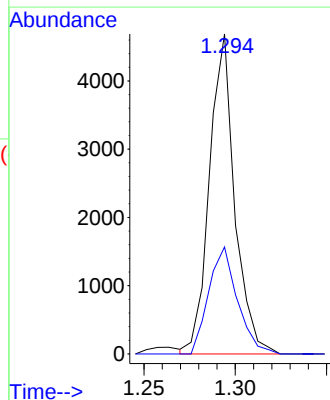
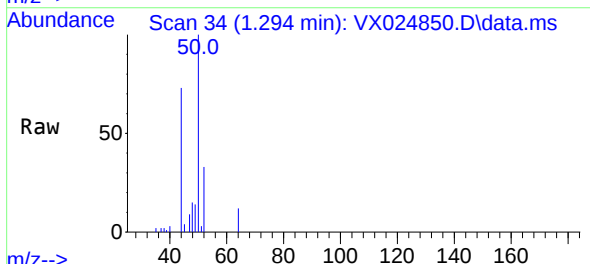
Manual Integrations
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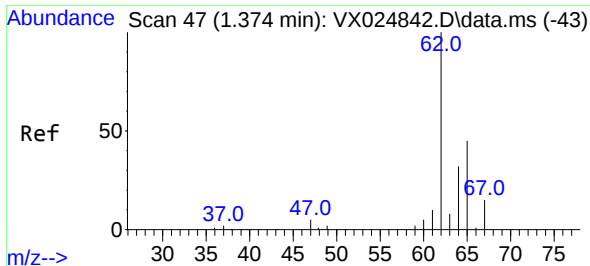
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#3
Chloromethane
Concen: 2.11 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

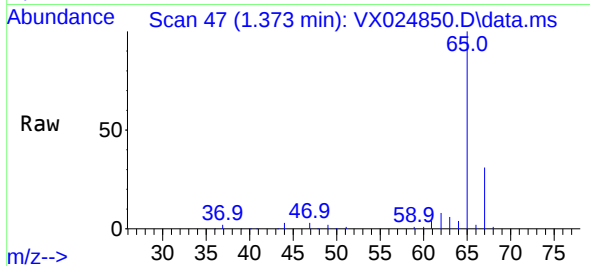
Tgt Ion: 50 Resp: 4500
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9



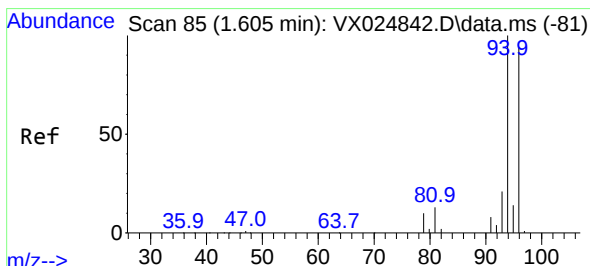
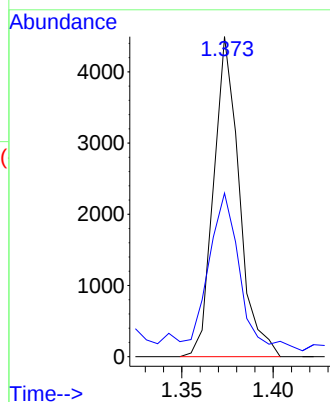
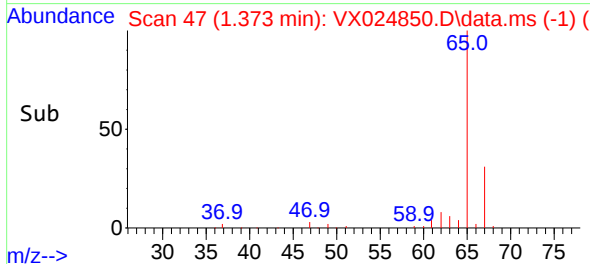


#5
 Vinyl chloride
 Concen: 2.04 ug/L
 RT: 1.373 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX024850.D
 Acq: 19 Oct 2021 15:56

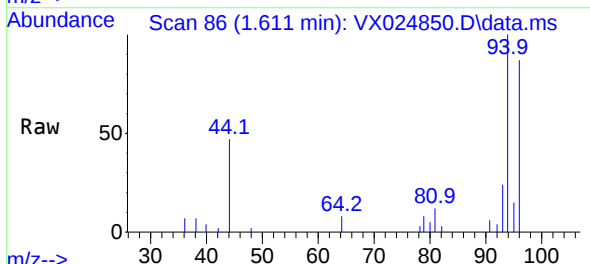
Instrument :
 MSVOA_X
 ClientSampled :
 MDL01



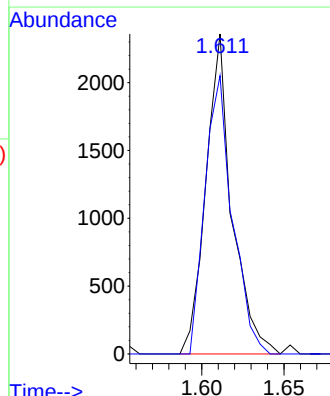
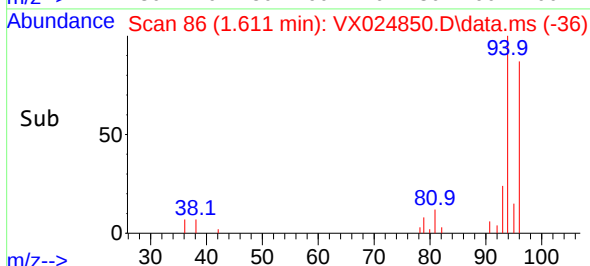
Tgt Ion: 62 Resp: 4381
 Ion Ratio Lower Upper
 62 100
 64 51.1 22.7 42.3#

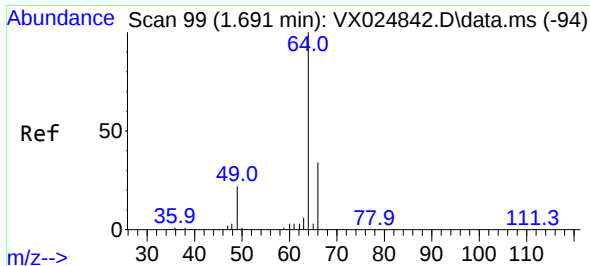


#6
 Bromomethane
 Concen: 2.19 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX024850.D
 Acq: 19 Oct 2021 15:56



Tgt Ion: 94 Resp: 2599
 Ion Ratio Lower Upper
 94 100
 96 86.9 64.8 120.3





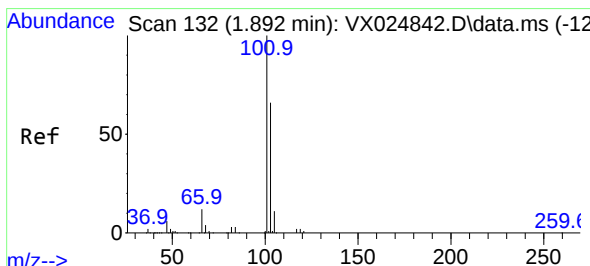
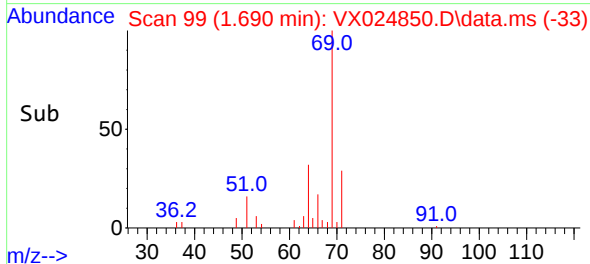
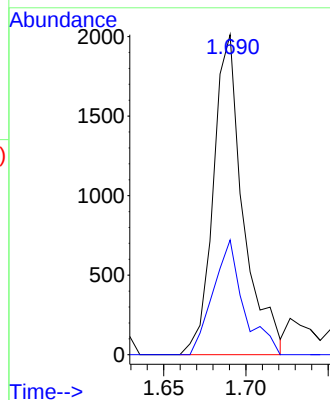
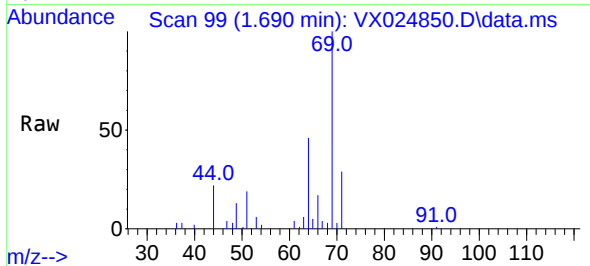
#8
Chloroethane
Concen: 2.27 ug/L
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 64 Resp: 2544
Ion Ratio Lower Upper
64 100
66 35.9 22.0 41.0

Instrument :
MSVOA_X
ClientSampled :
MDL01

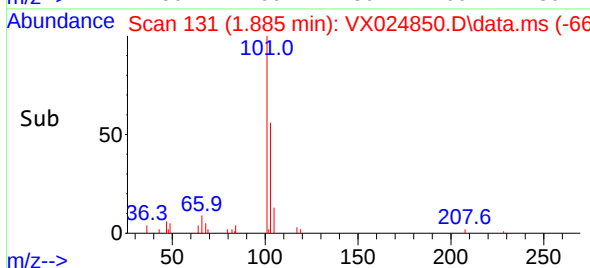
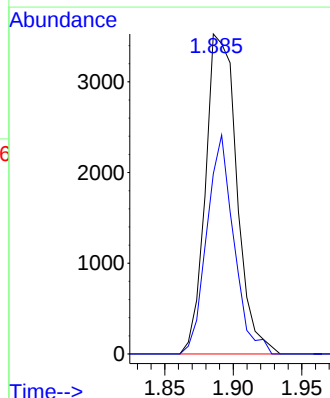
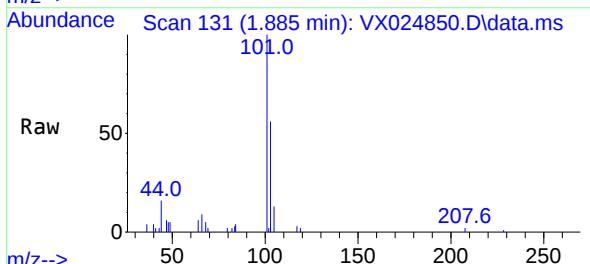
Manual Integrations
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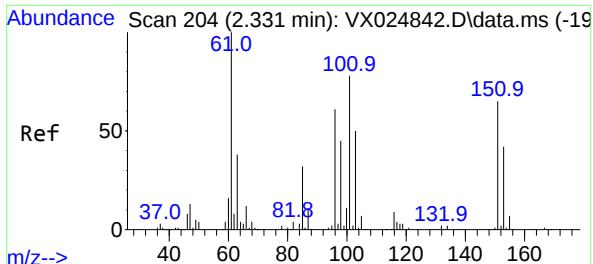
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#9
Trichlorofluoromethane
Concen: 1.85 ug/L
RT: 1.885 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 101 Resp: 5598
Ion Ratio Lower Upper
101 100
103 58.1 52.2 78.2





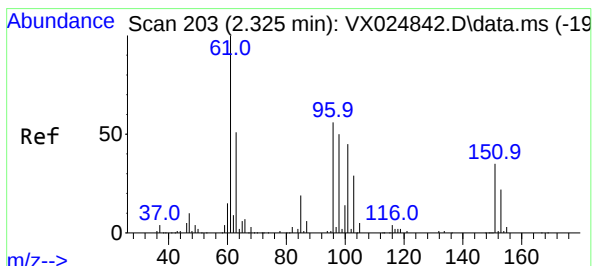
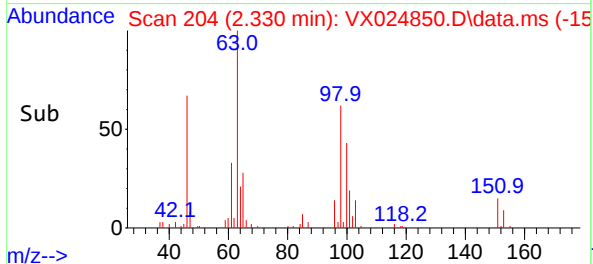
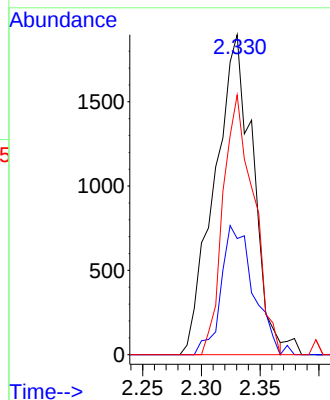
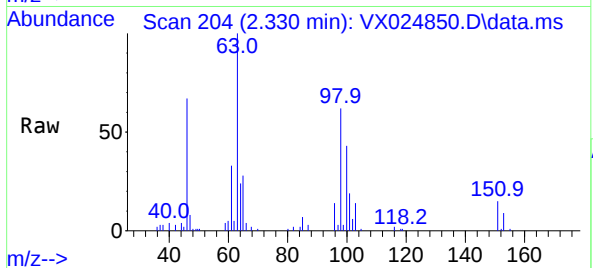
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.27 ug/L
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 101 Resp: 4286
Ion Ratio Lower Upper
101 100
85 32.5 34.3 51.5#
151 65.3 60.7 91.1

Instrument :
MSVOA_X
ClientSampled :
MDL01

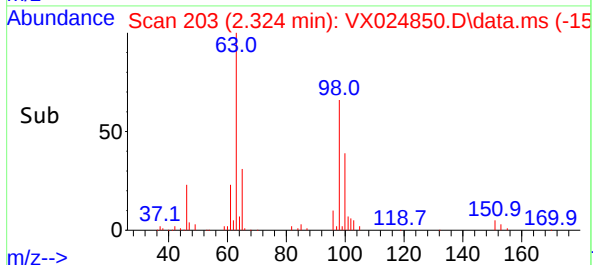
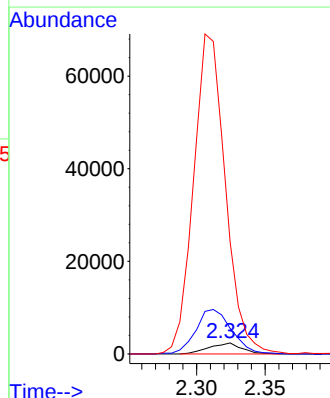
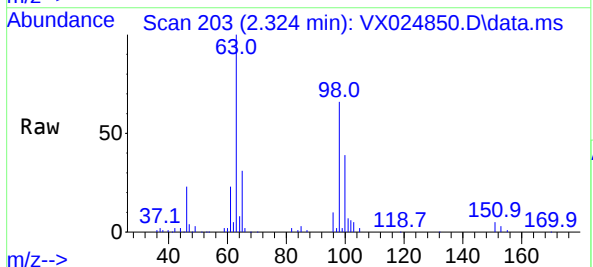
Manual Integrations
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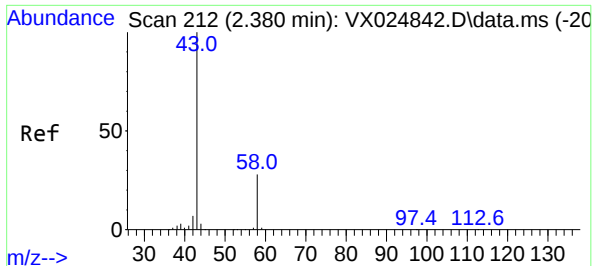
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#12
1,1-Dichloroethene
Concen: 2.32 ug/L
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 96 Resp: 3930
Ion Ratio Lower Upper
96 100
61 231.9 115.5 214.5#
63 1014.7 77.3 143.7#





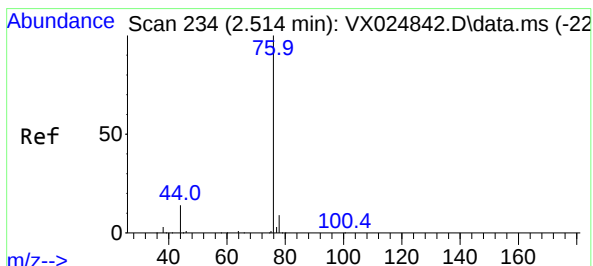
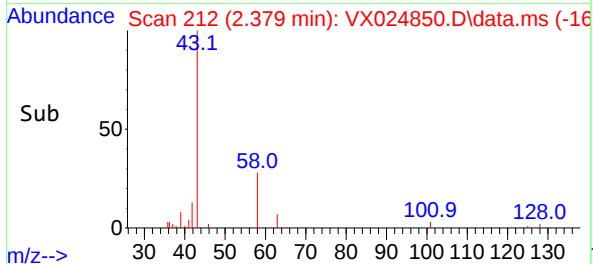
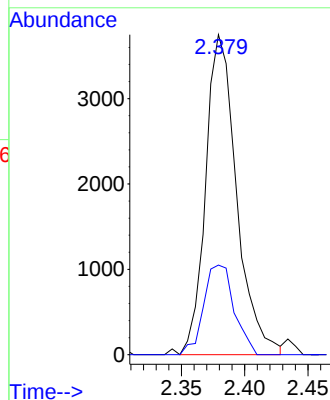
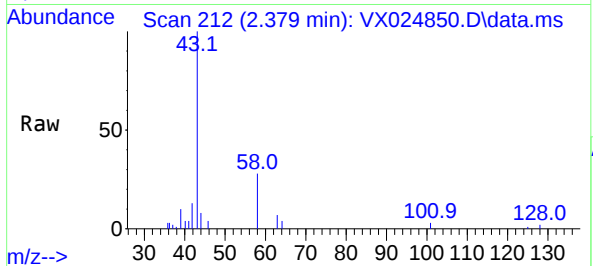
#13
Acetone
Concen: 4.30 ug/L
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 43 Resp: 6385
Ion Ratio Lower Upper
43 100
58 27.7 0.0 68.2

Instrument :
MSVOA_X
ClientSampled :
MDL01

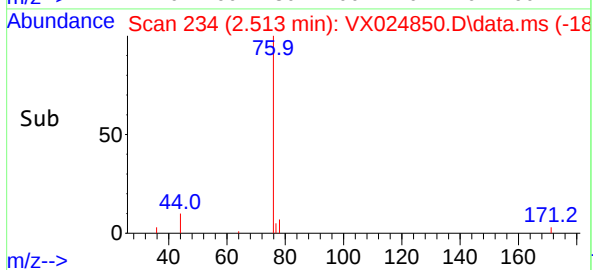
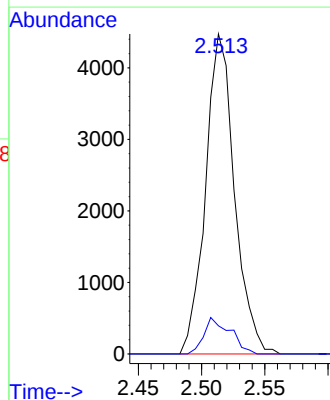
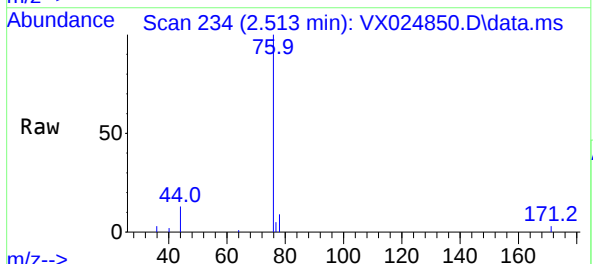
Manual Integrations
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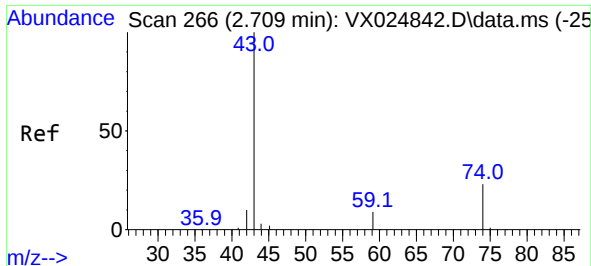
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10/21/2021 10:46:37 AM



#14
Carbon disulfide
Concen: 1.46 ug/L
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 76 Resp: 7133
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4





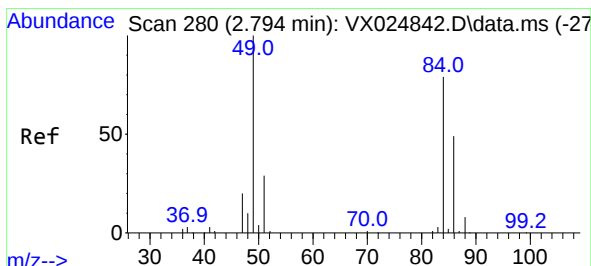
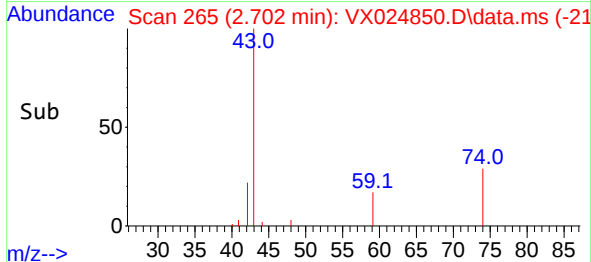
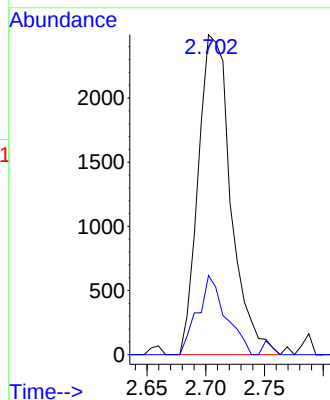
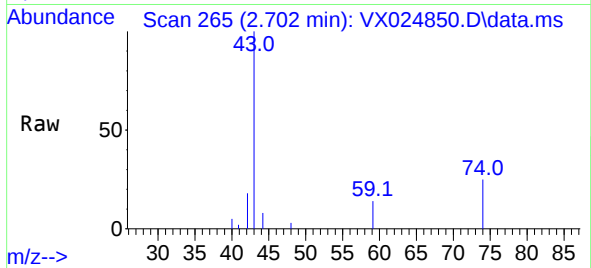
#15
Methyl Acetate
Concen: 2.03 ug/L
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 43 Resp: 4811
Ion Ratio Lower Upper
43 100
74 21.4 21.7 32.5#

Instrument :
MSVOA_X
ClientSampled :
MDL01

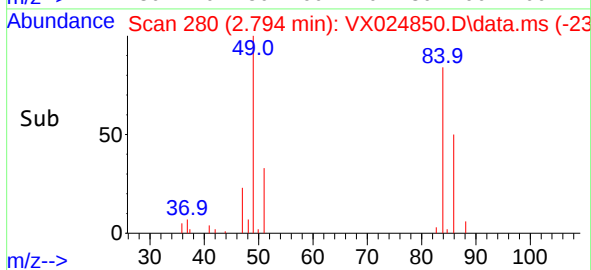
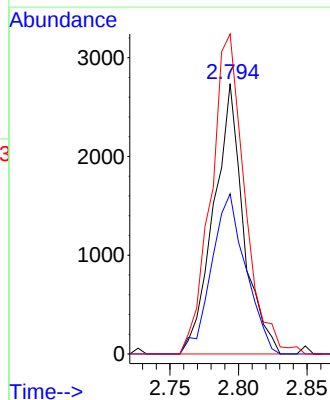
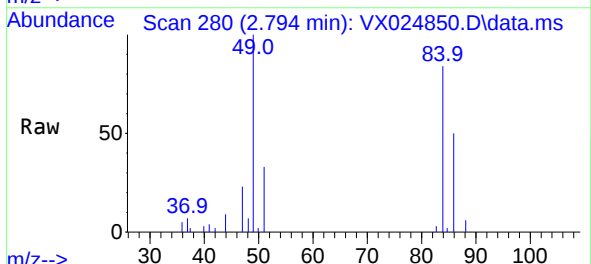
Manual Integrations
APPROVED

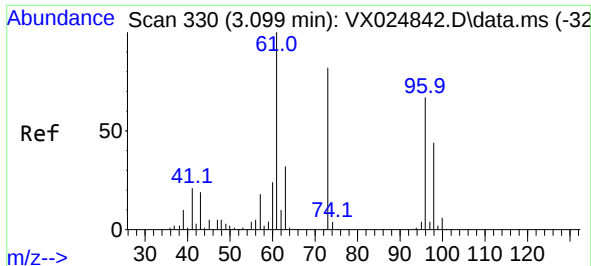
MMDadoda
10/21/2021 10:46:37 AM



#16
Methylene chloride
Concen: 2.03 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 84 Resp: 4134
Ion Ratio Lower Upper
84 100
86 58.0 44.2 82.0
49 115.8 77.8 144.6





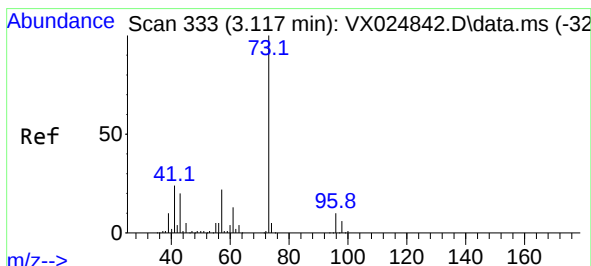
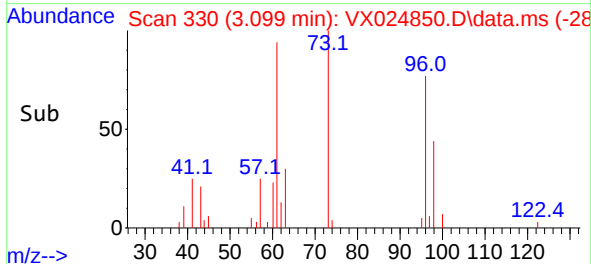
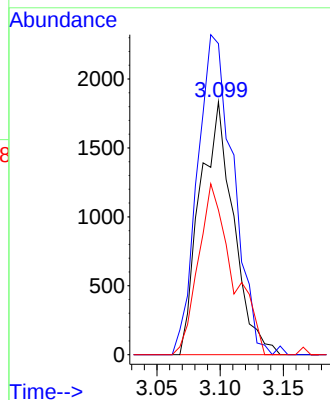
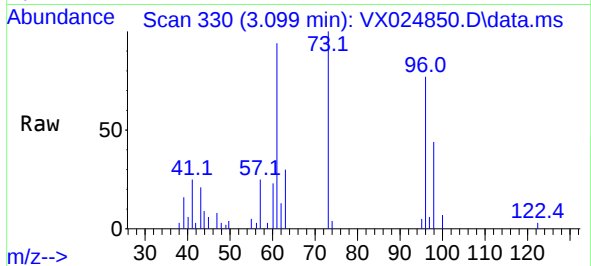
#17
trans-1,2-Dichloroethene
Concen: 1.76 ug/L
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 96 Resp: 3381
Ion Ratio Lower Upper
96 100
61 123.1 92.3 171.3
98 57.2 46.3 85.9

Instrument :
MSVOA_X
ClientSampleId :
MDL01

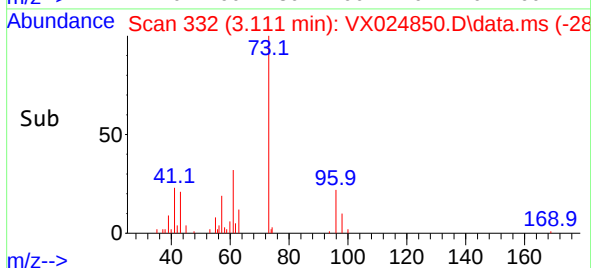
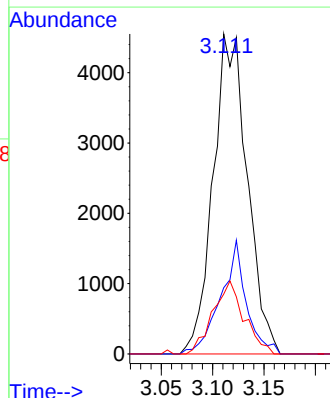
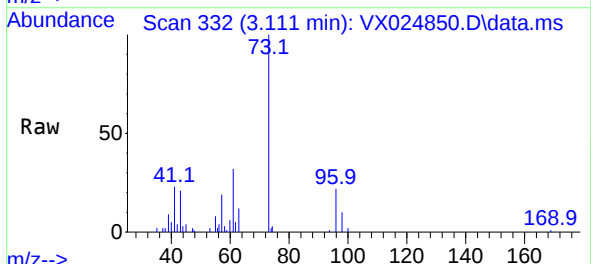
Manual Integrations
APPROVED

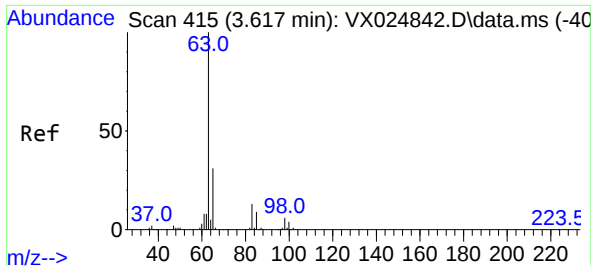
MMDadoda
10/21/2021 10:46:37 AM



#18
Methyl tert-butyl Ether
Concen: 1.67 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

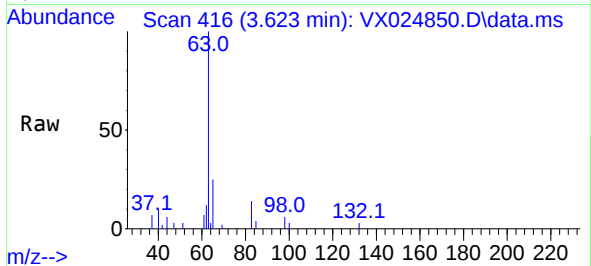
Tgt Ion: 73 Resp: 10526
Ion Ratio Lower Upper
73 100
43 26.5 15.1 22.7#
57 20.8 17.4 26.2





#19
1,1-Dichloroethane
Concen: 1.73 ug/L
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

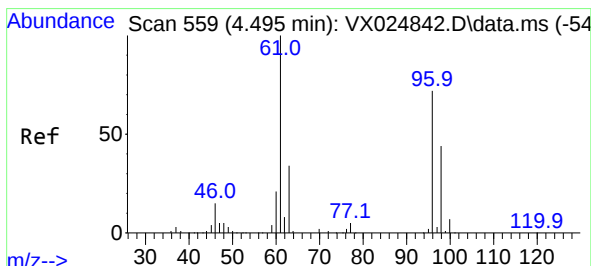
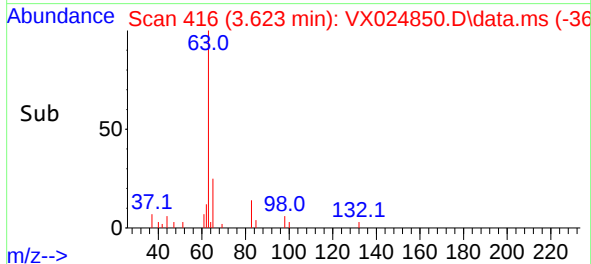
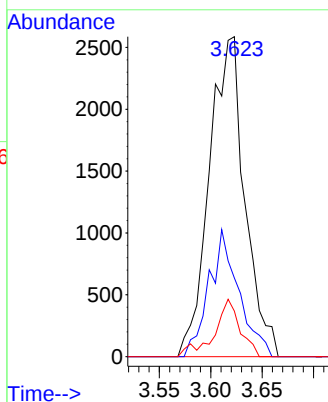
Instrument :
MSVOA_X
ClientSampled :
MDL01



Tgt Ion: 63 Resp: 6210
Ion Ratio Lower Upper
63 100
65 24.6 22.4 41.6
83 14.3 9.5 17.7

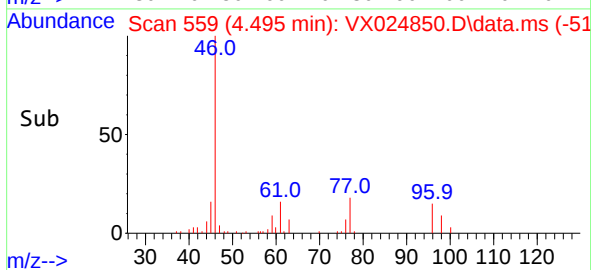
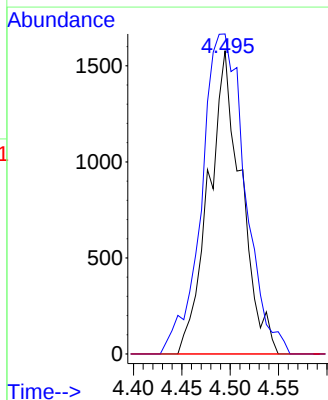
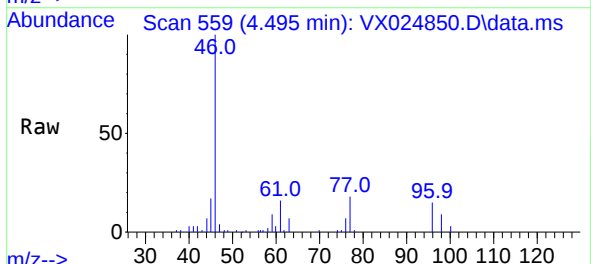
Manual Integrations
APPROVED

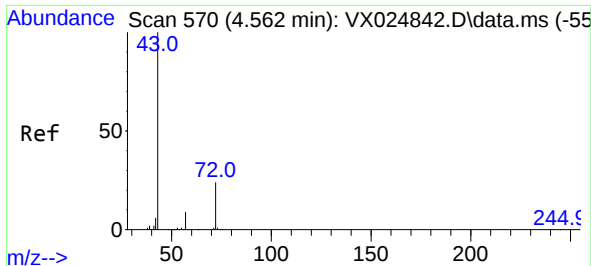
MMDadoda
10/21/2021 10:46:37 AM



#20
cis-1,2-Dichloroethene
Concen: 1.72 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

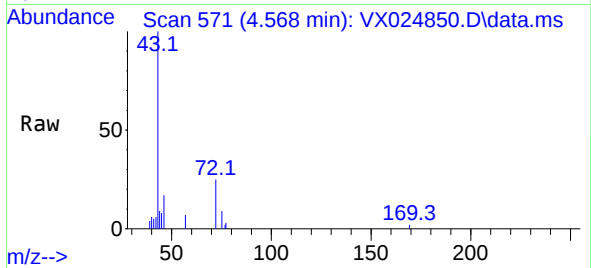
Tgt Ion: 96 Resp: 3725
Ion Ratio Lower Upper
96 100
61 105.5 87.8 163.0
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 3.73 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

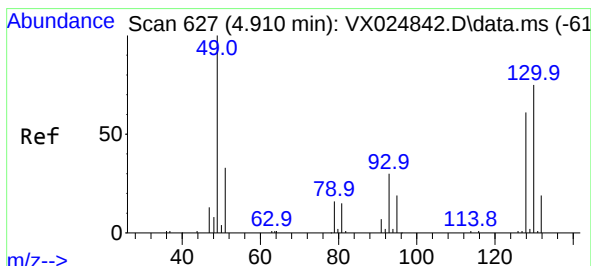
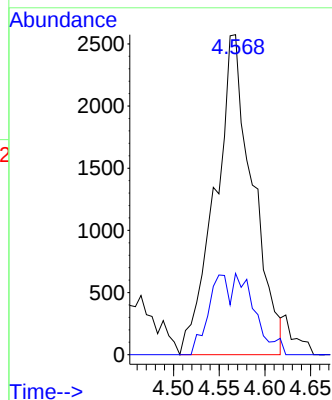
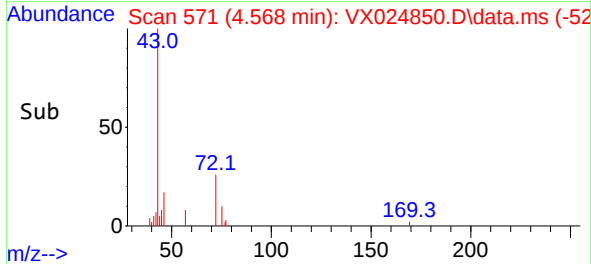
Instrument :
MSVOA_X
ClientSampled :
MDL01



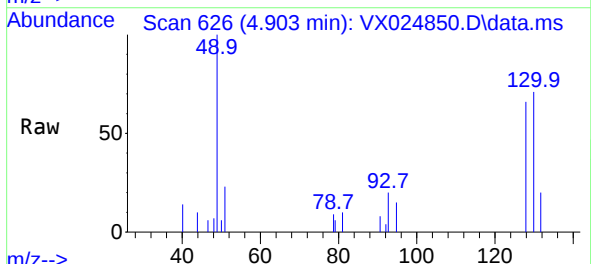
Tgt Ion: 43 Resp: 7327
Ion Ratio Lower Upper
43 100
72 13.7 15.3 45.8#

Manual Integrations
APPROVED

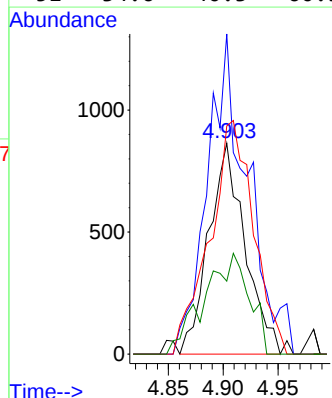
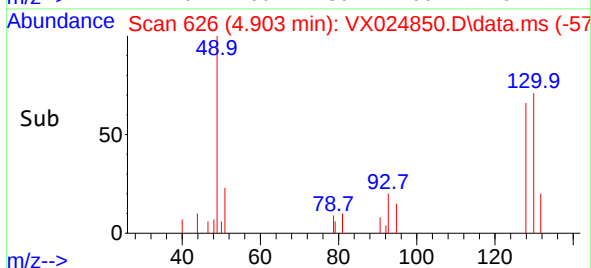
MMDadoda
10/21/2021 10:46:37 AM

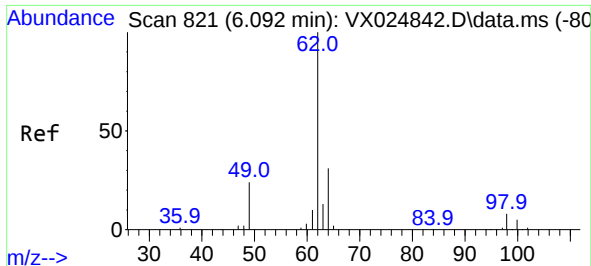


#23
Bromochloromethane
Concen: 1.75 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



Tgt Ion: 128 Resp: 1984
Ion Ratio Lower Upper
128 100
49 151.9 107.5 199.7
130 108.2 91.1 169.3
51 34.6 40.3 60.5#





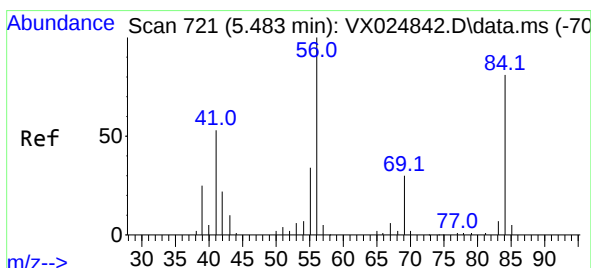
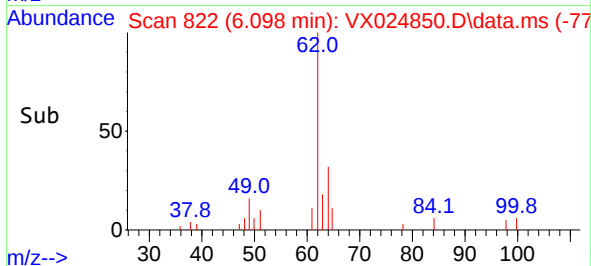
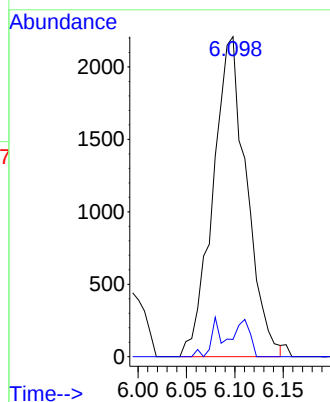
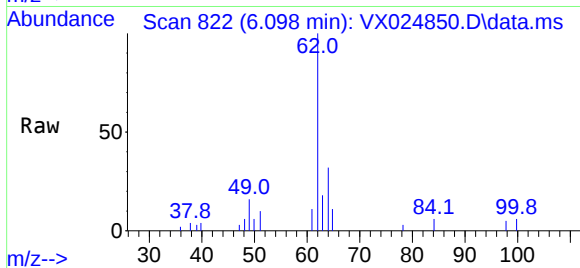
#27
1,2-Dichloroethane
Concen: 1.70 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 62 Resp: 5340
Ion Ratio Lower Upper
62 100
98 5.4 7.9 11.9#

Instrument :
MSVOA_X
ClientSampled :
MDL01

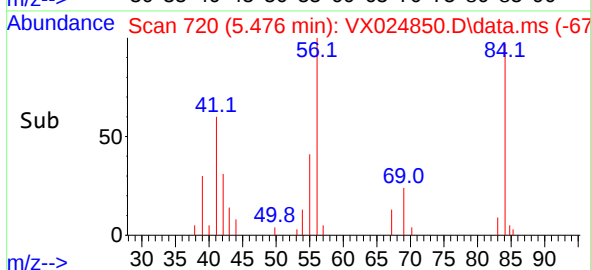
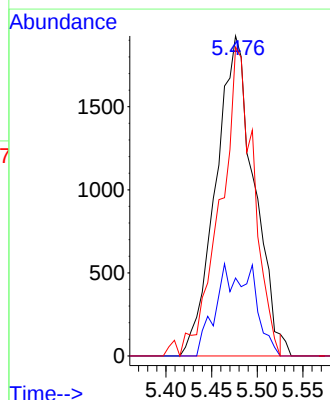
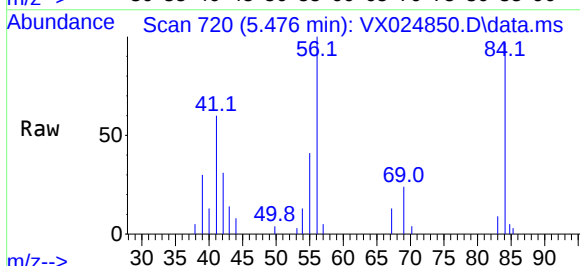
Manual Integrations
APPROVED

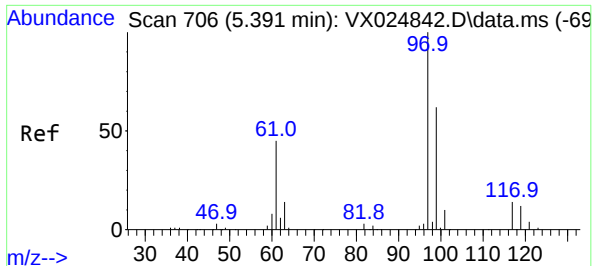
MMDadoda
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#29
Cyclohexane
Concen: 1.70 ug/L
RT: 5.476 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 56 Resp: 5614
Ion Ratio Lower Upper
56 100
69 8.5 25.7 38.5#
84 82.0 72.4 108.6





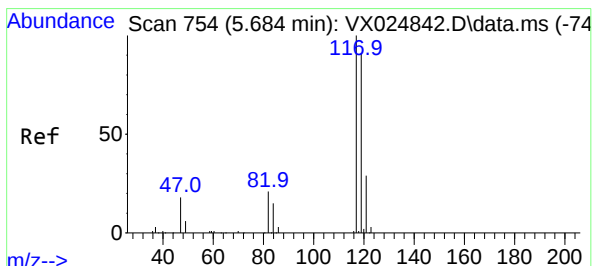
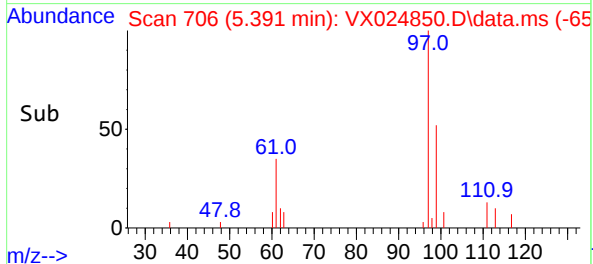
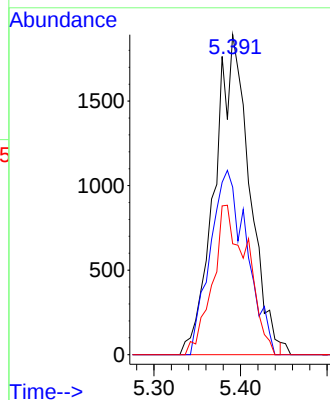
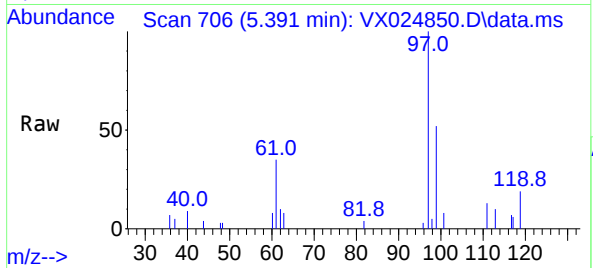
#30
1,1,1-Trichloroethane
Concen: 1.52 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:	97	Resp:	5331
Ion	Ratio	Lower	Upper
97	100		
99	60.3	52.1	78.1
61	35.5	35.3	52.9

Instrument :
MSVOA_X
ClientSampleId :
MDL01

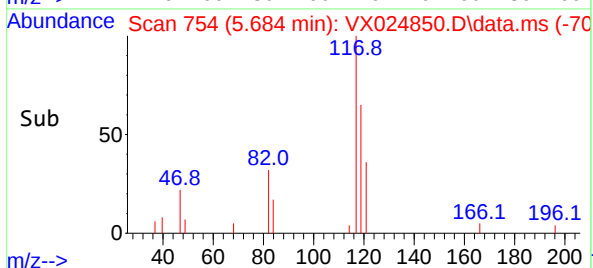
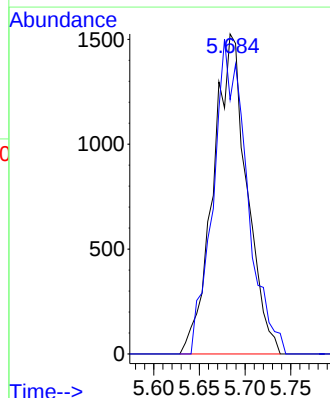
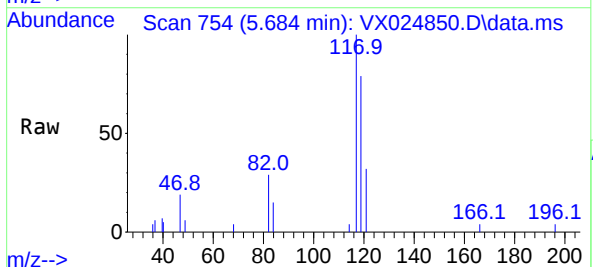
Manual Integrations
APPROVED

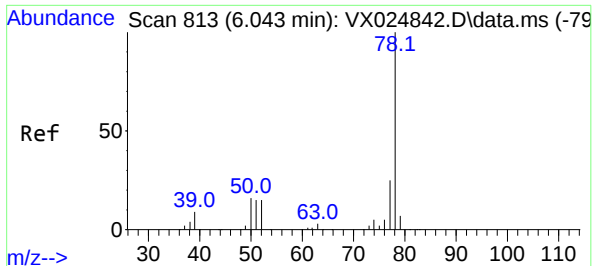
MMDadoda
10/21/2021 10:46:37 AM



#31
Carbon tetrachloride
Concen: 1.27 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:	117	Resp:	3912
Ion	Ratio	Lower	Upper
117	100		
119	53.0	77.5	116.3#





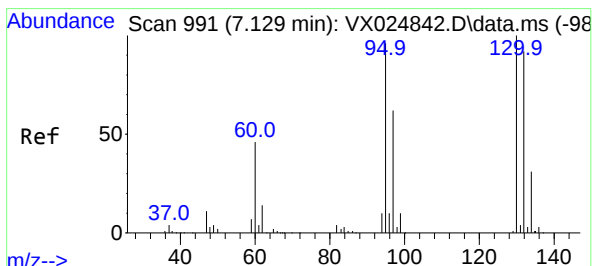
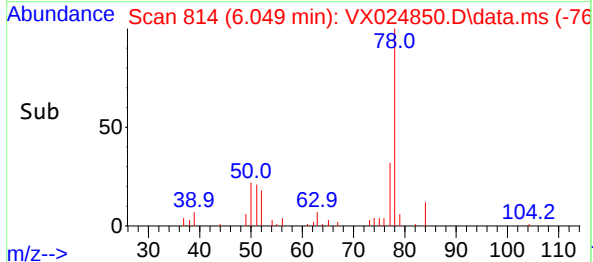
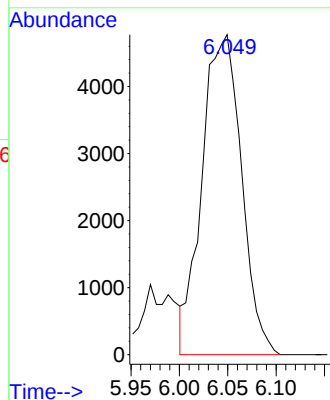
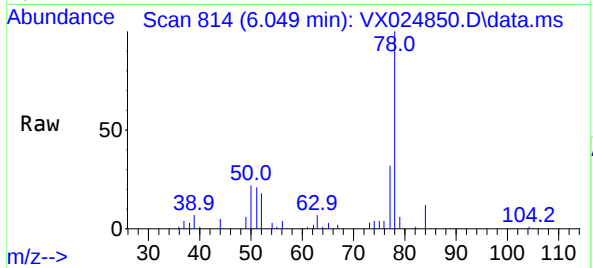
#33
Benzene
Concen: 1.64 ug/L
RT: 6.049 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 78 Resp: 13516

Instrument :
MSVOA_X
ClientSampled :
MDL01

Manual Integrations
APPROVED

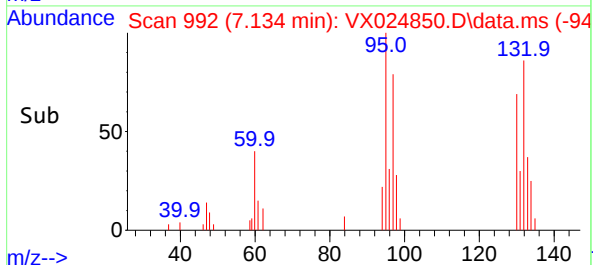
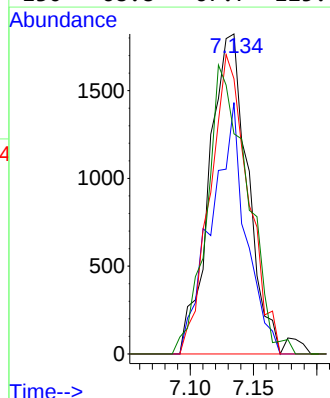
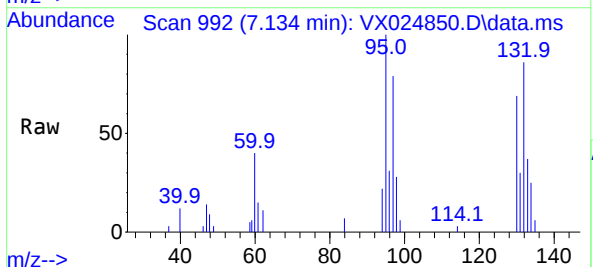
MMDadoda
10/21/2021 10:46:37 AM

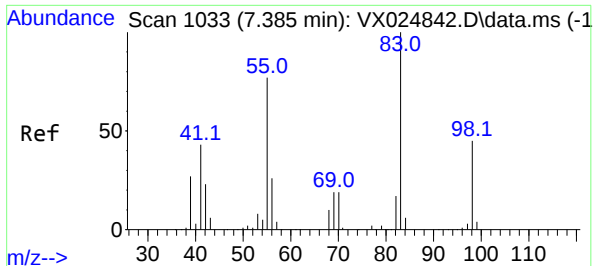


#34
Trichloroethene
Concen: 1.69 ug/L
RT: 7.134 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 95 Resp: 3839

Ion	Ratio	Lower	Upper
95	100		
97	78.6	44.5	82.7
132	86.0	65.2	121.0
130	68.8	67.7	125.7





#35

Methylcyclohexane

Concen: 1.51 ug/L

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX024850.D

Acq: 19 Oct 2021 15:56

Tgt Ion:	83	Resp:	5441
Ion	Ratio	Lower	Upper
83	100		
55	31.2	61.2	91.8#
98	25.7	38.7	58.1#

Instrument :

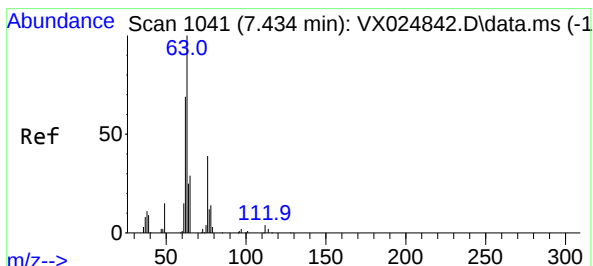
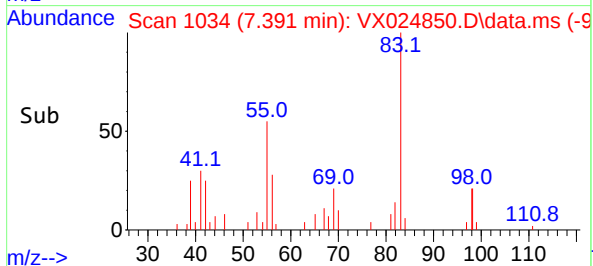
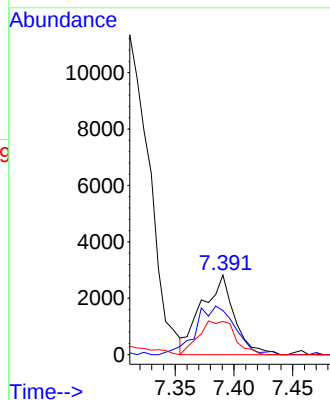
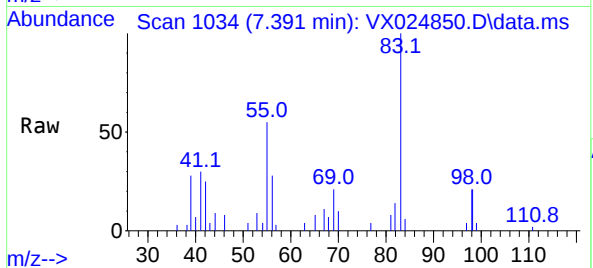
MSVOA_X

ClientSampled :

MDL01

Manual Integrations
APPROVED

MMDadoda
10/21/2021 10:46:37 AM



#37

1,2-Dichloropropane

Concen: 1.76 ug/L

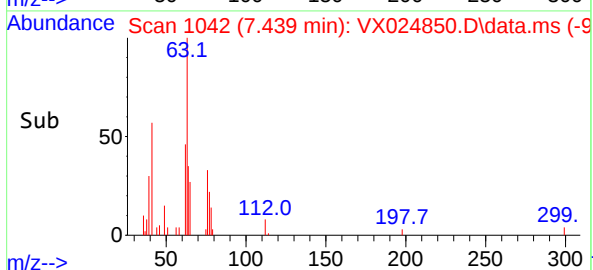
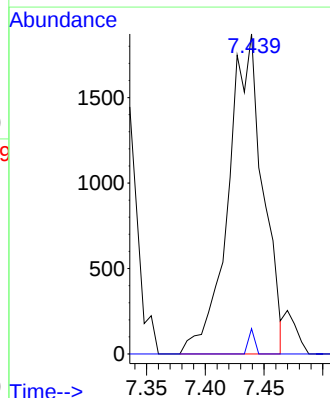
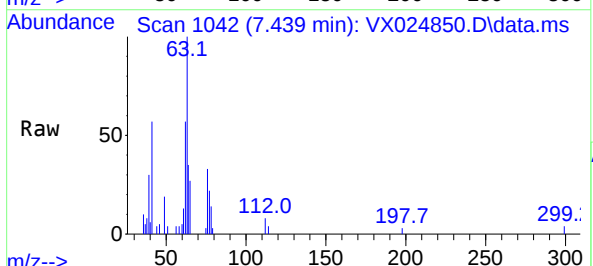
RT: 7.439 min Scan# 1042

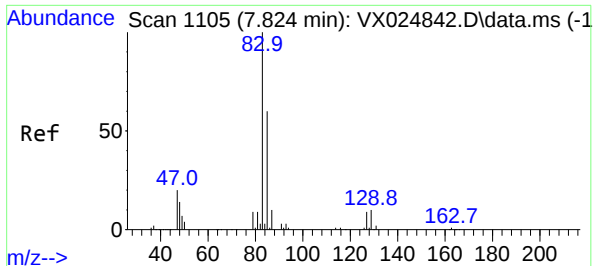
Delta R.T. 0.006 min

Lab File: VX024850.D

Acq: 19 Oct 2021 15:56

Tgt Ion:	63	Resp:	3829
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





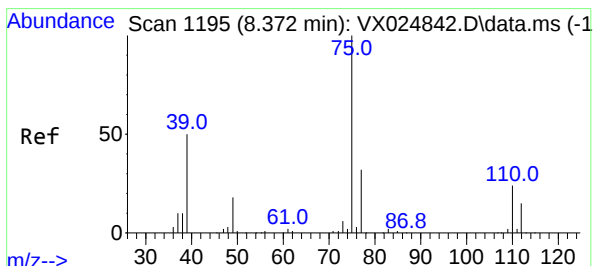
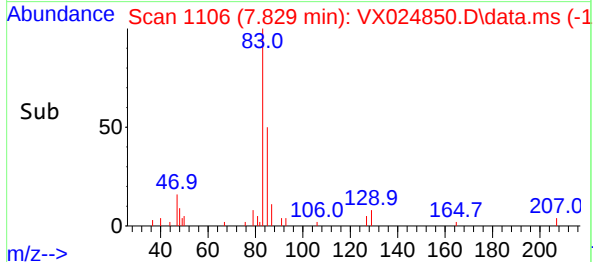
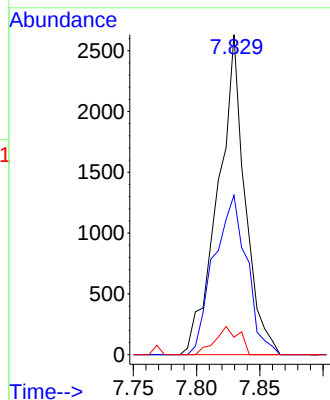
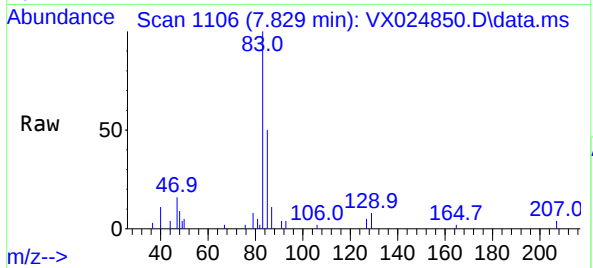
#38
Bromodichloromethane
Concen: 1.41 ug/L
RT: 7.829 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:	83	Resp:	3912
Ion	Ratio	Lower	Upper
83	100		
85	49.8	45.1	83.7
127	5.4	6.6	10.0#

Instrument :
MSVOA_X
ClientSampled :
MDL01

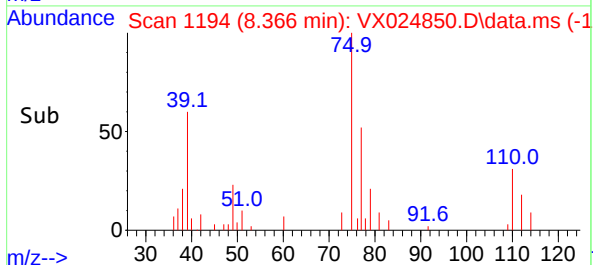
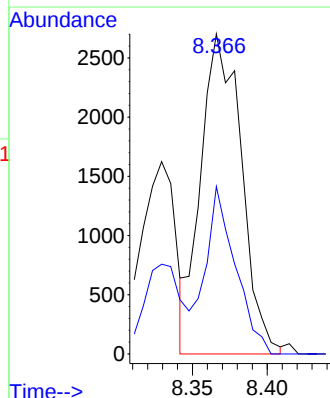
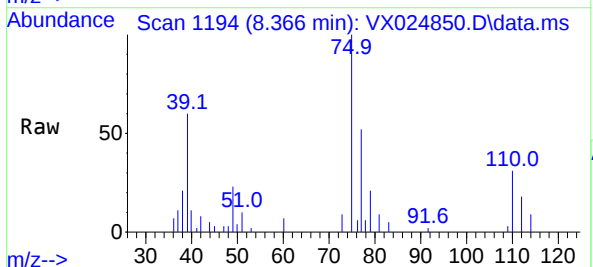
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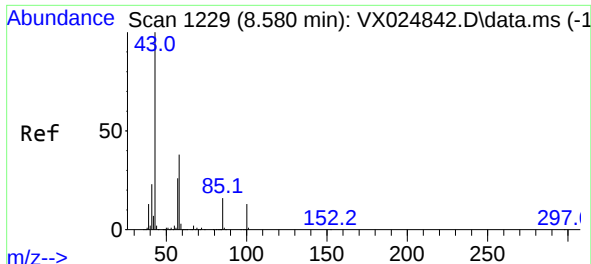
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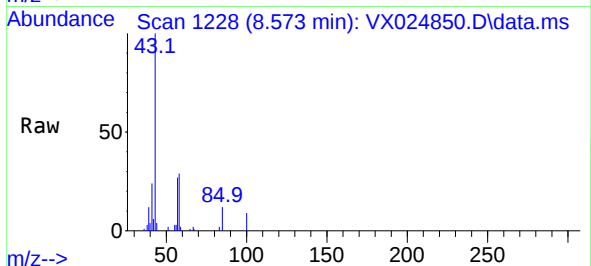
#39
cis-1,3-Dichloropropene
Concen: 1.57 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:	75	Resp:	5099
Ion	Ratio	Lower	Upper
75	100		
77	52.3	22.7	42.3#

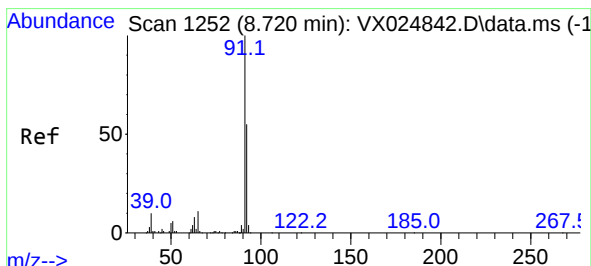
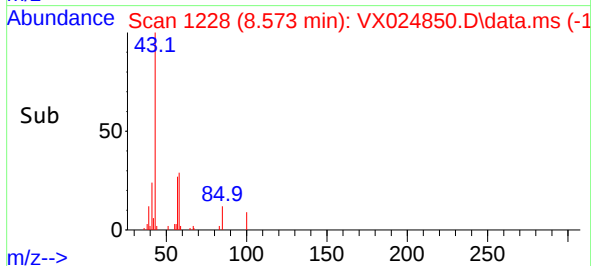
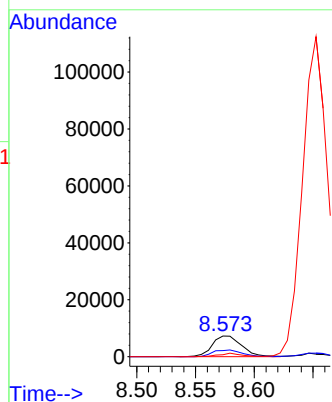




#40
4-Methyl-2-pentanone
Concen: 3.84 ug/L
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

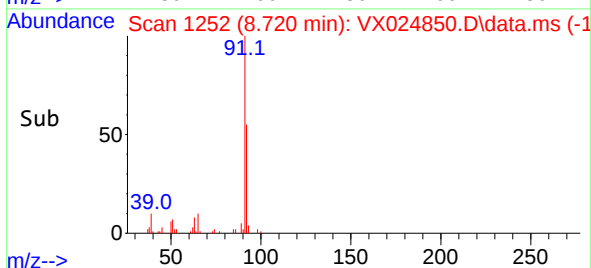
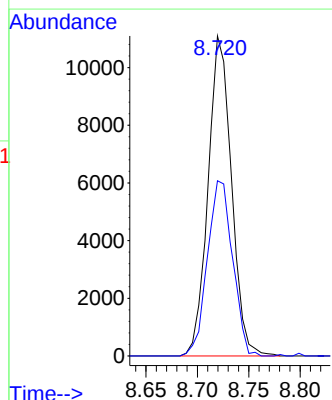
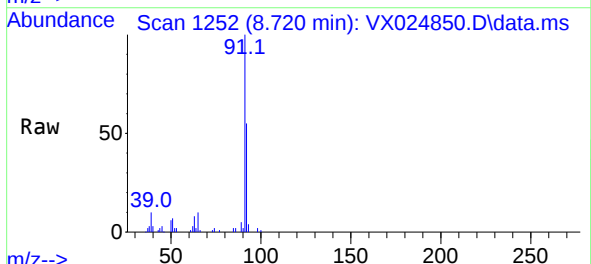


Tgt Ion: 43 Resp: 12702
Ion Ratio Lower Upper
43 100
58 32.1 35.0 52.4#
100 12.8 14.2 21.4#



#42
Toluene
Concen: 1.91 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

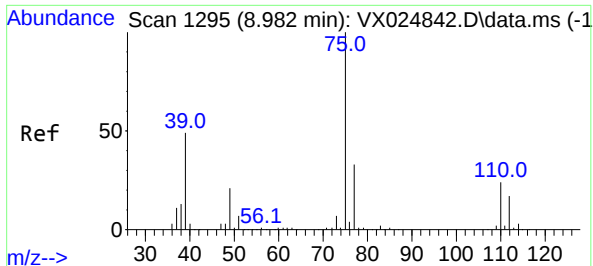
Tgt Ion: 91 Resp: 17599
Ion Ratio Lower Upper
91 100
92 54.7 40.5 75.1



Instrument :
MSVOA_X
ClientSampleId :
MDL01

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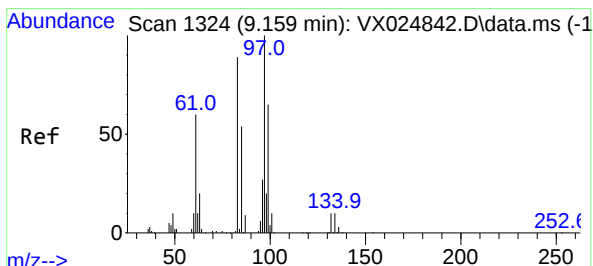
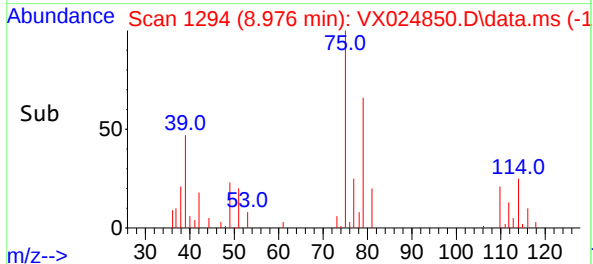
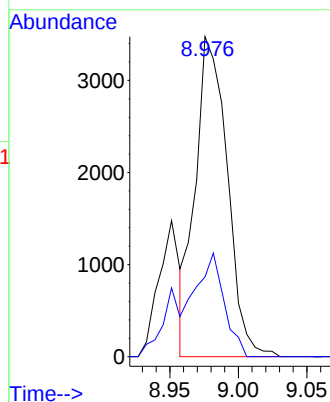
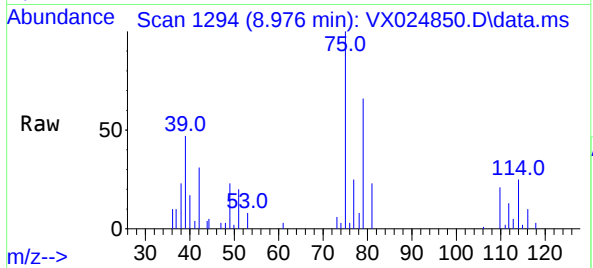
#44
trans-1,3-Dichloropropene
Concen: 1.77 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
77 24.9 22.4 41.6

Instrument :
MSVOA_X
ClientSampled :
MDL01

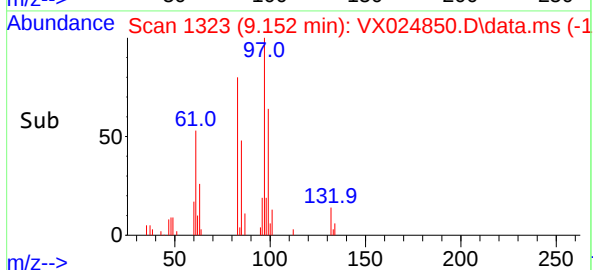
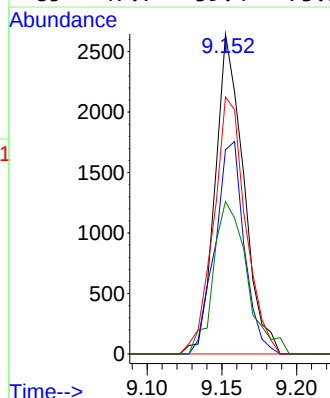
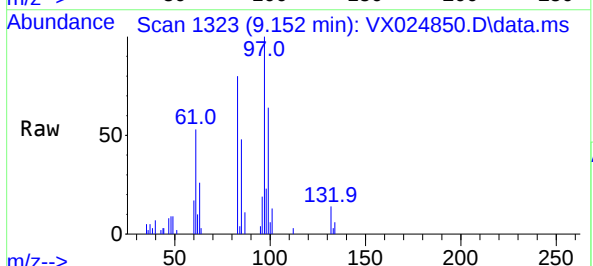
Manual Integrations
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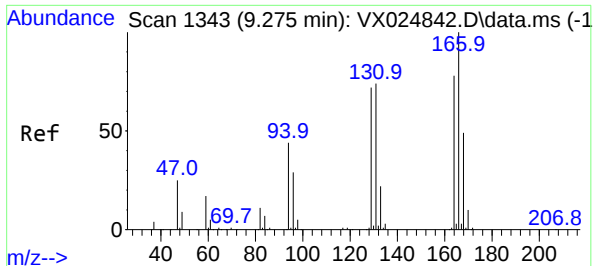
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#45
1,1,2-Trichloroethane
Concen: 1.66 ug/L
RT: 9.152 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

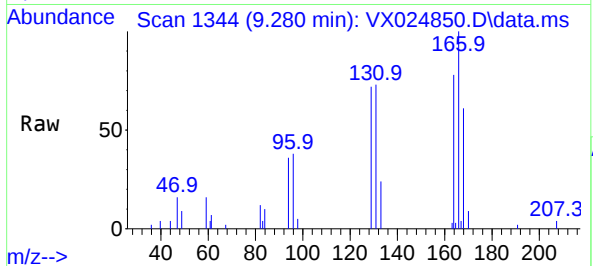
Tgt Ion: 97 Resp: 3513
Ion Ratio Lower Upper
97 100
99 63.8 44.0 81.6
83 80.3 60.8 113.0
85 47.7 39.4 73.2





#46
Tetrachloroethene
Concen: 1.57 ug/L
RT: 9.280 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

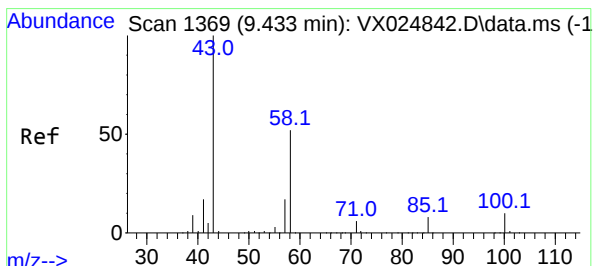
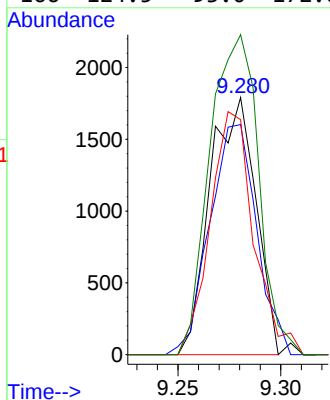
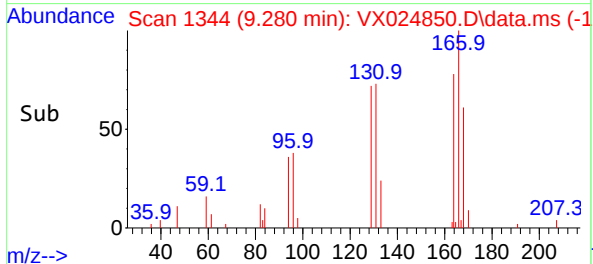
Instrument :
MSVOA_X
ClientSampled :
MDL01



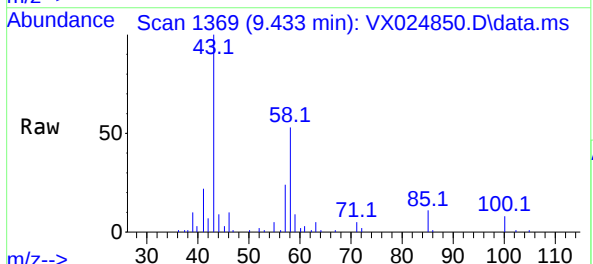
Tgt Ion:164 Resp: 2774
Ion Ratio Lower Upper
164 100
129 89.5 65.6 121.8
131 91.4 63.7 118.3
166 124.5 93.0 172.6

Manual Integrations
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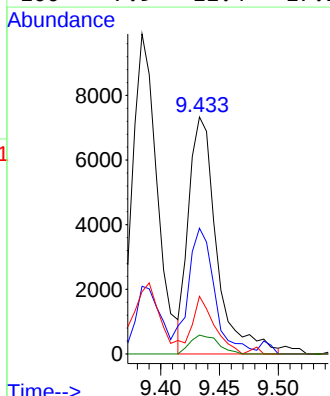
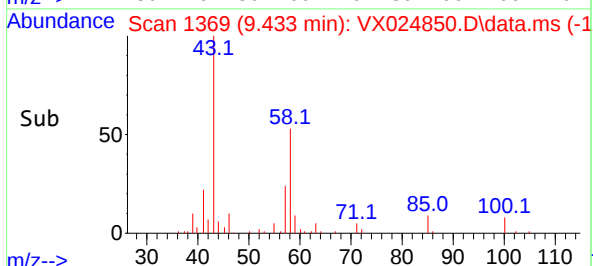
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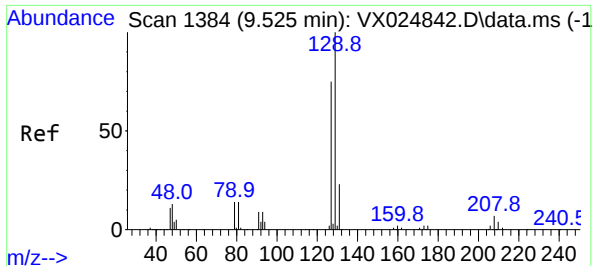


#48
2-Hexanone
Concen: 4.53 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



Tgt Ion: 43 Resp: 12219
Ion Ratio Lower Upper
43 100
58 50.0 50.1 75.1#
57 18.1 17.3 25.9
100 7.9 11.4 17.2#





#49

Dibromochloromethane

Concen: 1.23 ug/L

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX024850.D

Acq: 19 Oct 2021 15:56

Tgt Ion:129 Resp: 2706

Ion Ratio Lower Upper

129 100

127 88.7 52.5 97.5

Instrument :

MSVOA_X

ClientSampled :

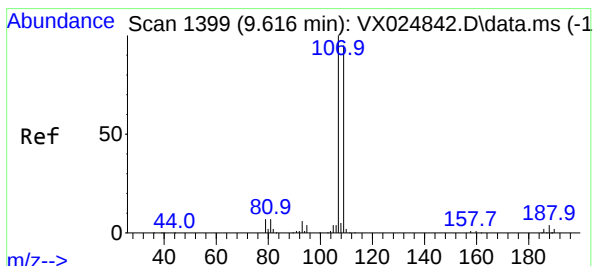
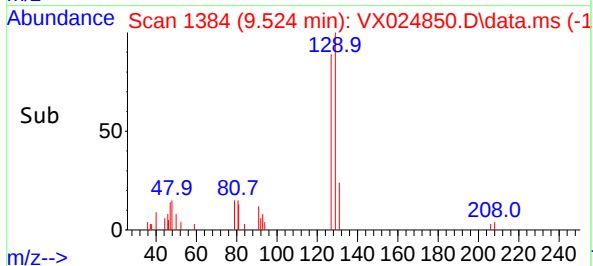
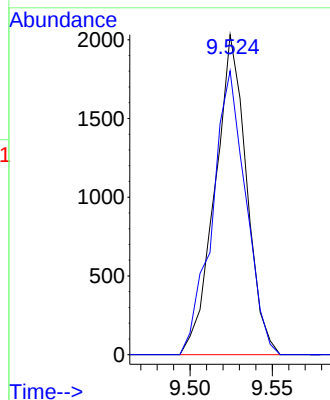
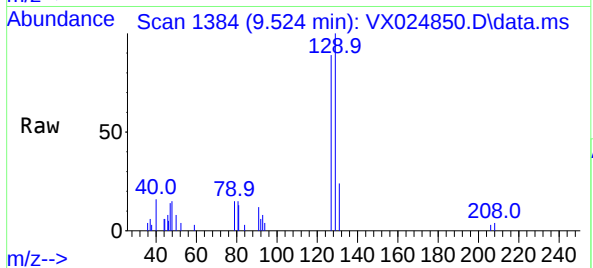
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#50

1,2-Dibromoethane

Concen: 1.58 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VX024850.D

Acq: 19 Oct 2021 15:56

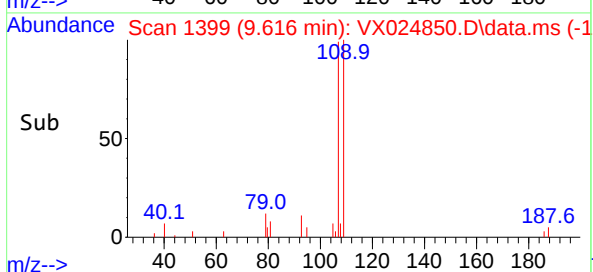
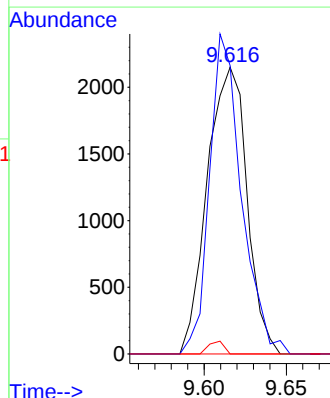
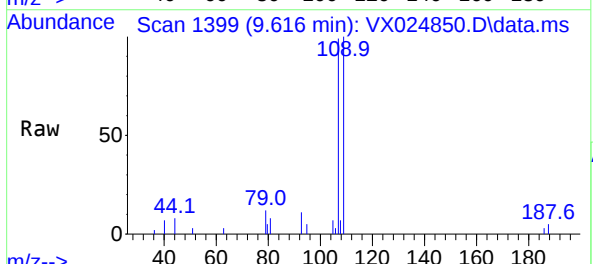
Tgt Ion:107 Resp: 3611

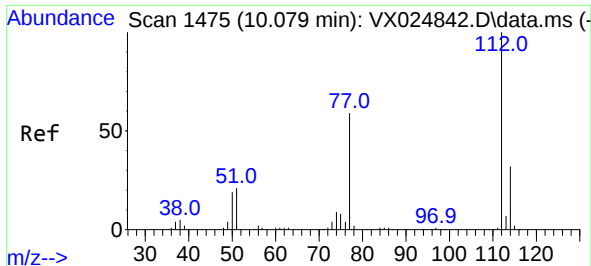
Ion Ratio Lower Upper

107 100

109 93.7 66.4 123.4

188 0.0 3.2 4.8#





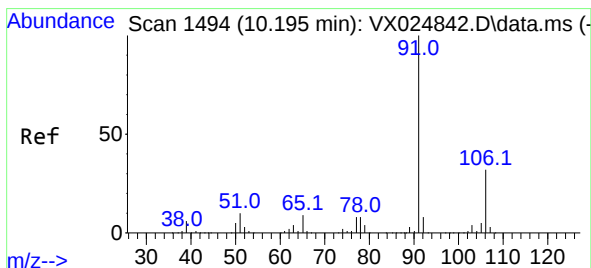
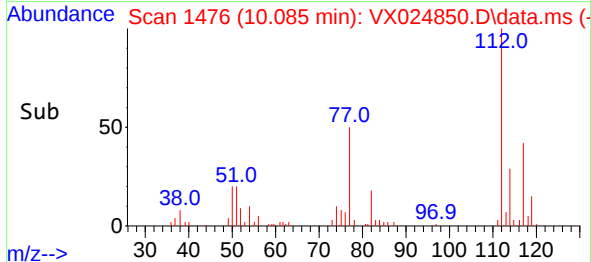
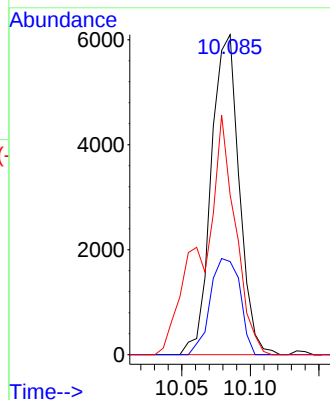
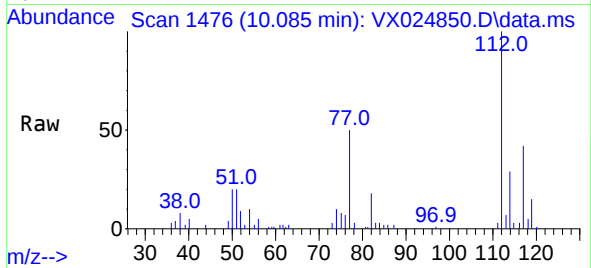
#51
Chlorobenzene
Concen: 1.56 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 112 Resp: 8655
Ion Ratio Lower Upper
112 100
114 29.1 23.2 43.2
77 49.9 48.4 72.6

Instrument :
MSVOA_X
ClientSampled :
MDL01

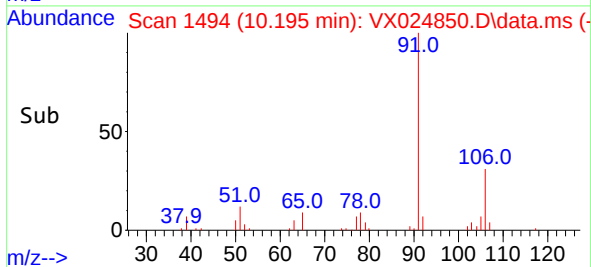
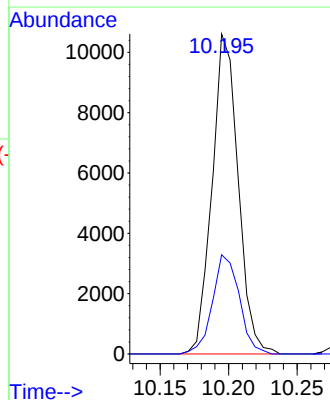
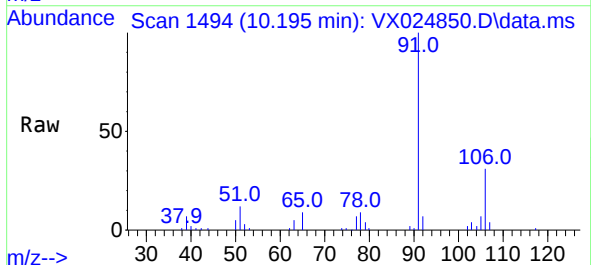
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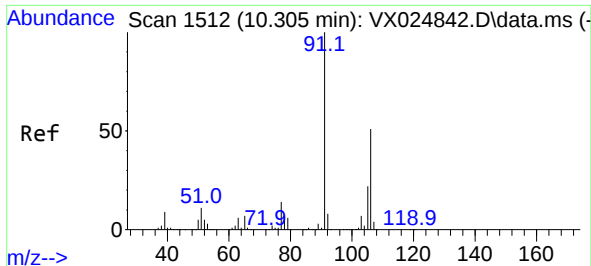
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#52
Ethylbenzene
Concen: 1.48 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 91 Resp: 14036
Ion Ratio Lower Upper
91 100
106 31.0 21.0 39.0





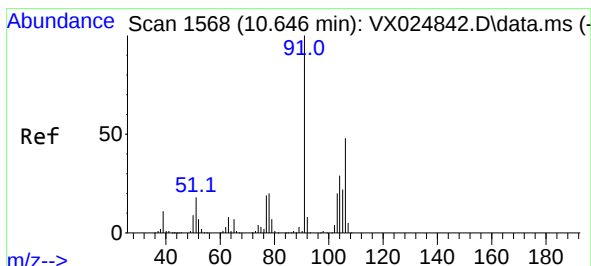
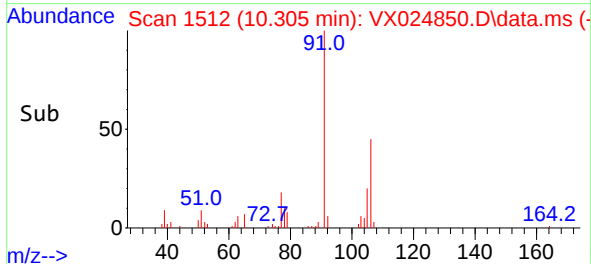
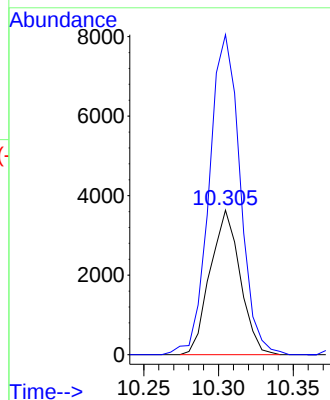
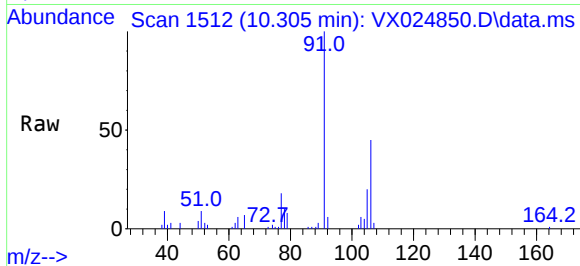
#53
m,p-Xylene
Concen: 1.37 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:106 Resp: 5088
Ion Ratio Lower Upper
106 100
91 221.4 142.5 264.6

Instrument :
MSVOA_X
ClientSampleId :
MDL01

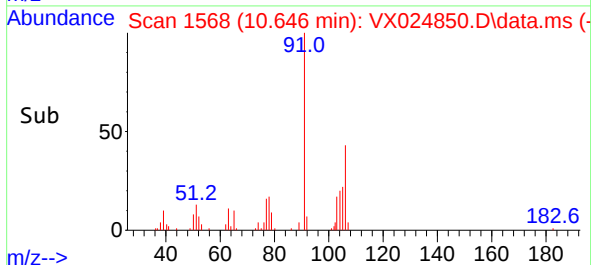
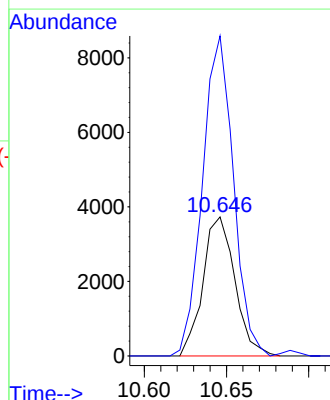
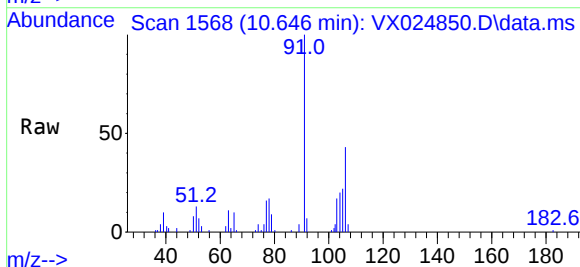
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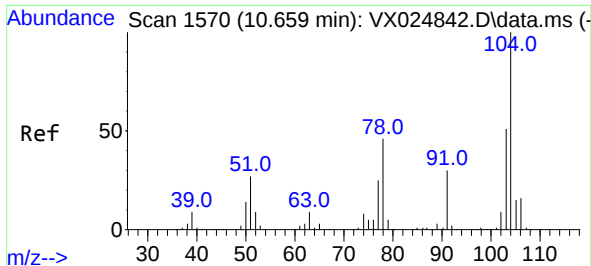
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#54
o-Xylene
Concen: 1.37 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:106 Resp: 5054
Ion Ratio Lower Upper
106 100
91 230.2 156.2 290.0





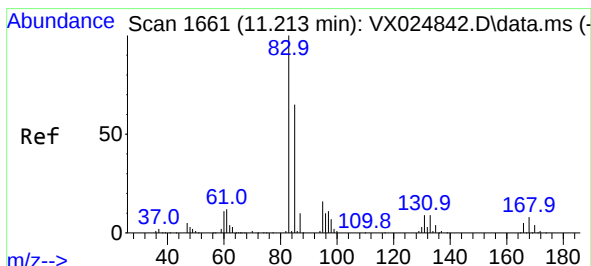
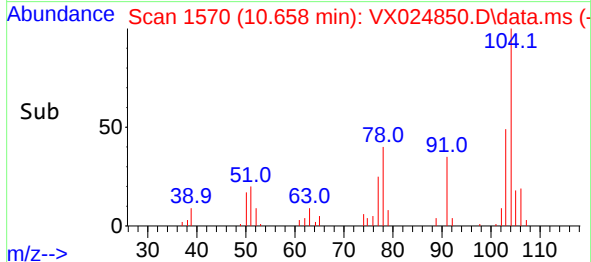
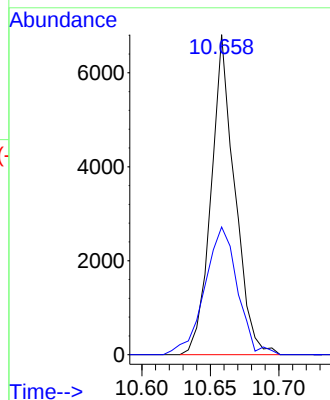
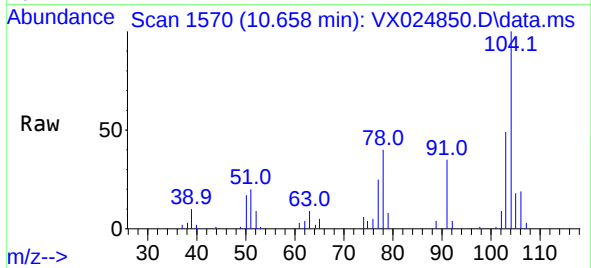
#55
Styrene
Concen: 1.32 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 104 Resp: 8176
Ion Ratio Lower Upper
104 100
78 39.9 30.0 55.6

Instrument :
MSVOA_X
ClientSampled :
MDL01

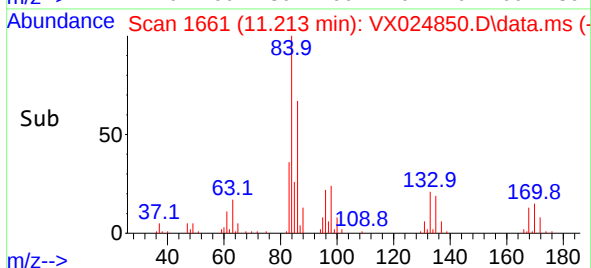
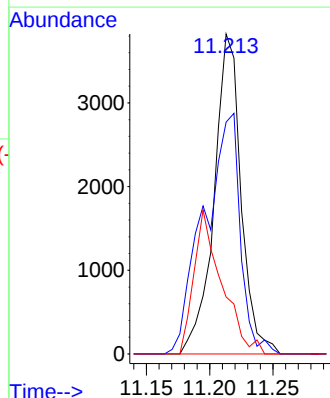
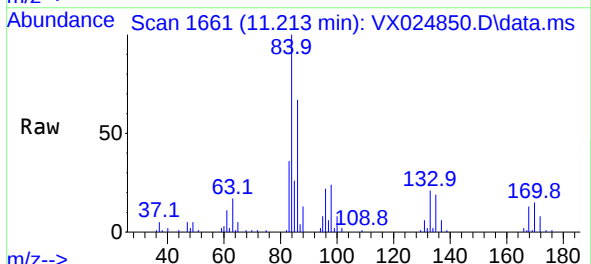
Manual Integrations
APPROVED

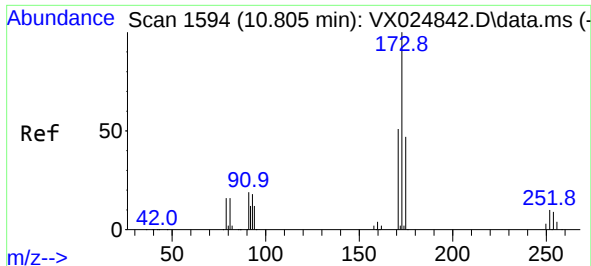
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10/21/2021 10:46:37 AM



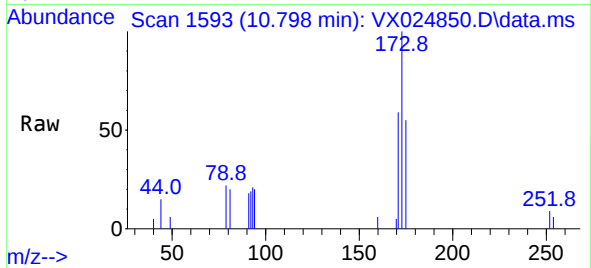
#57
1,1,2,2-Tetrachloroethane
Concen: 1.70 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion: 83 Resp: 5666
Ion Ratio Lower Upper
83 100
85 72.4 44.7 82.9
131 17.8 7.8 11.8#

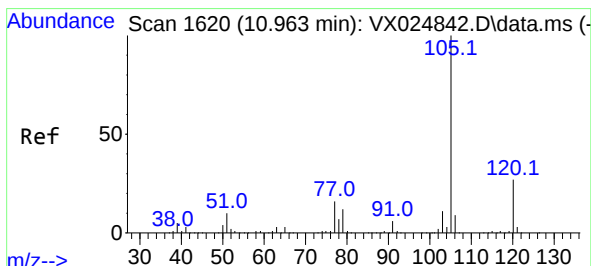
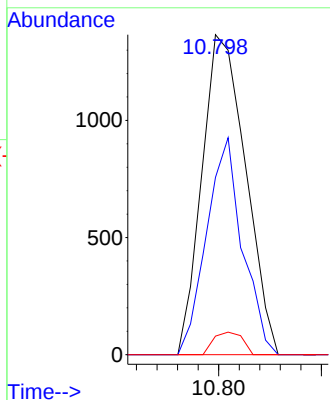
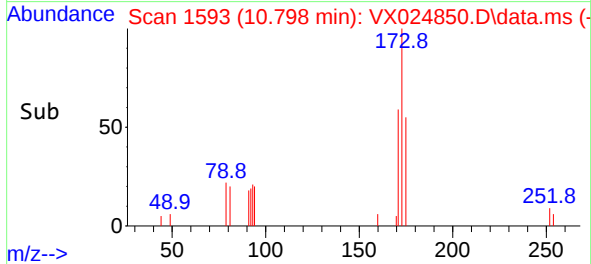




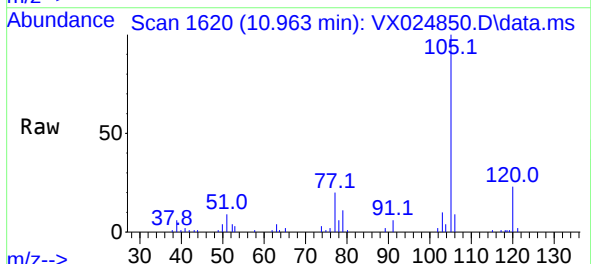
#59
Bromoform
Concen: 1.39 ug/L
RT: 10.798 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



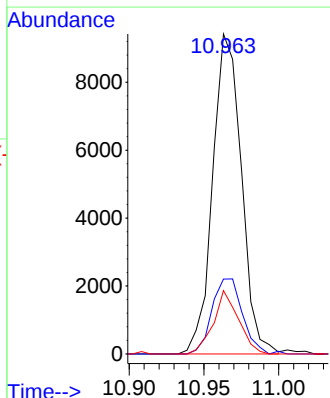
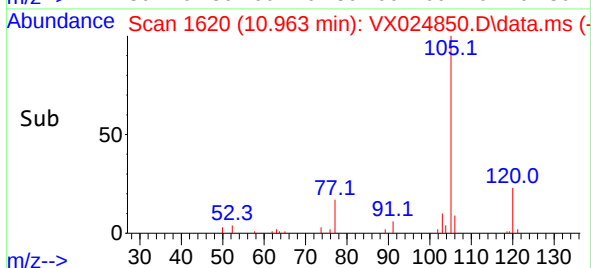
Tgt Ion:173 Resp: 2017
Ion Ratio Lower Upper
173 100
175 55.7 39.4 59.2
254 4.7 8.6 13.0#



#60
Isopropylbenzene
Concen: 1.43 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



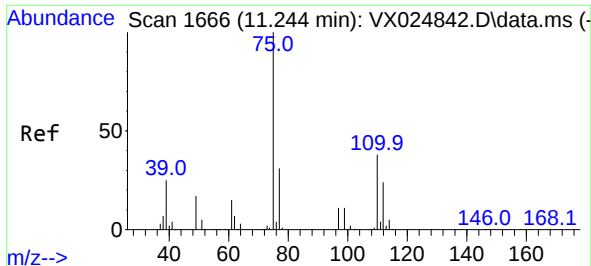
Tgt Ion:105 Resp: 12580
Ion Ratio Lower Upper
105 100
120 24.8 21.2 31.8
77 17.4 12.6 18.8



Instrument :
MSVOA_X
ClientSampleId :
MDL01

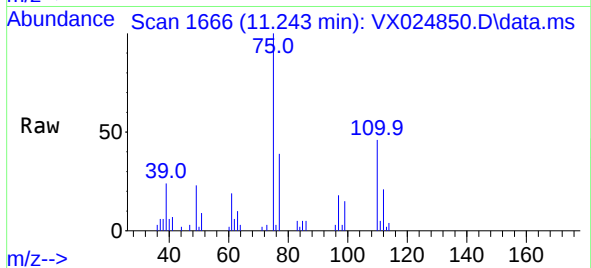
Manual Integrations
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10/21/2021 10:46:37 AM



#61
1,2,3-Trichloropropane
Concen: 1.77 ug/L
RT: 11.243 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

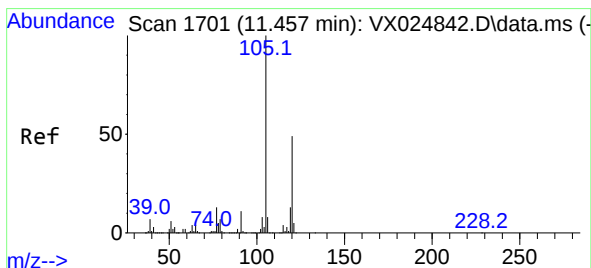
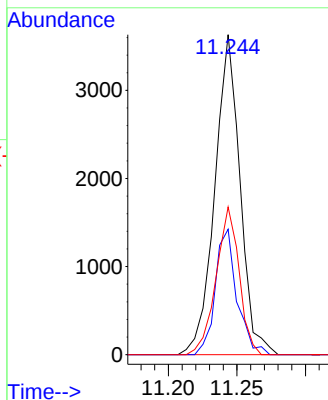
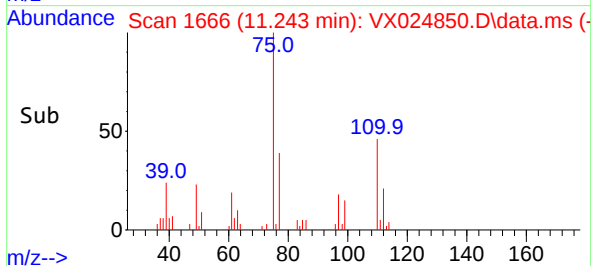
Instrument :
MSVOA_X
ClientSampled :
MDL01



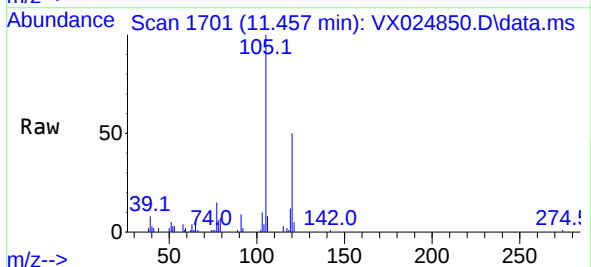
Tgt Ion: 75 Resp: 4649
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.2
110 42.1 31.8 47.8

Manual Integrations
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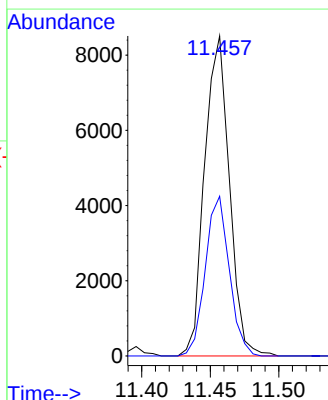
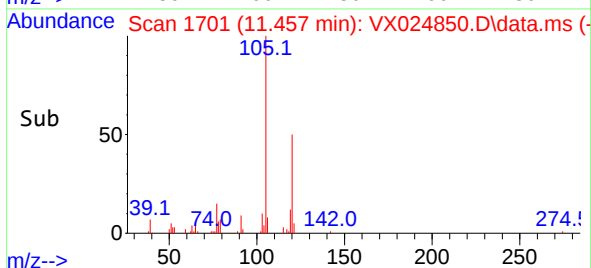
MMDadoda
10/21/2021 10:46:37 AM

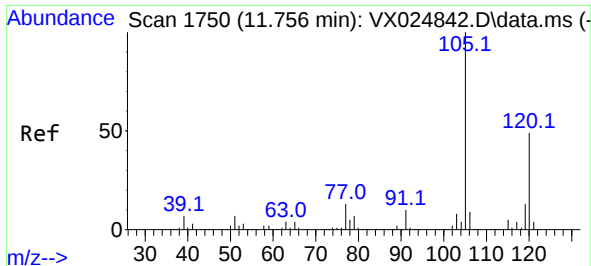


#62
1,3,5-Trimethylbenzene
Concen: 1.38 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



Tgt Ion: 105 Resp: 10704
Ion Ratio Lower Upper
105 100
120 48.4 38.0 57.0





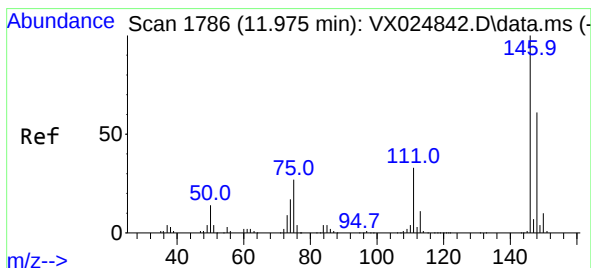
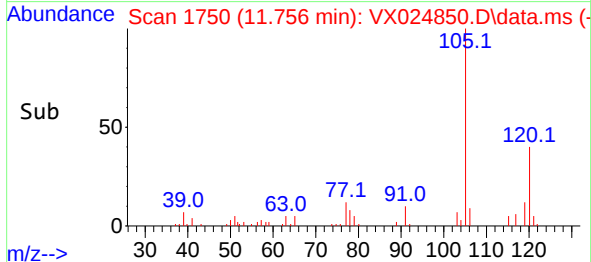
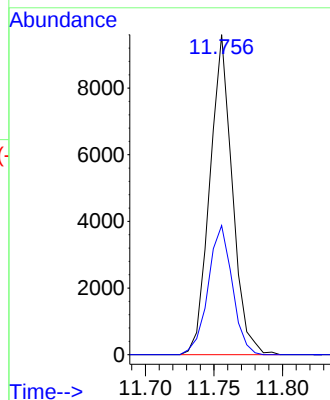
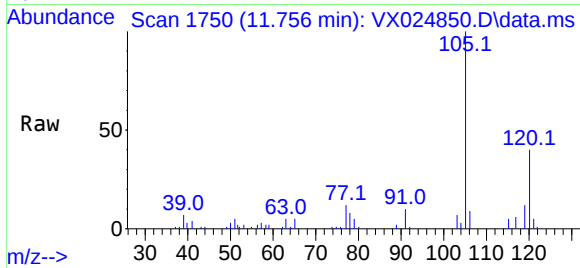
#63
1,2,4-Trimethylbenzene
Concen: 1.45 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:105 Resp: 10955
Ion Ratio Lower Upper
105 100
120 43.2 36.4 54.6

Instrument :
MSVOA_X
ClientSampled :
MDL01

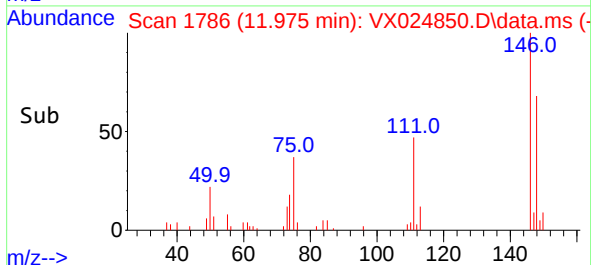
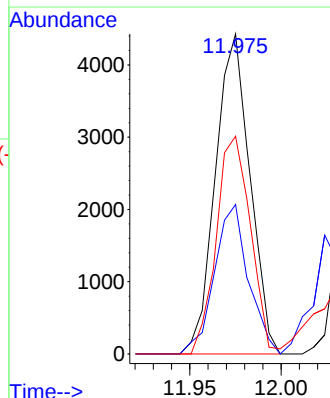
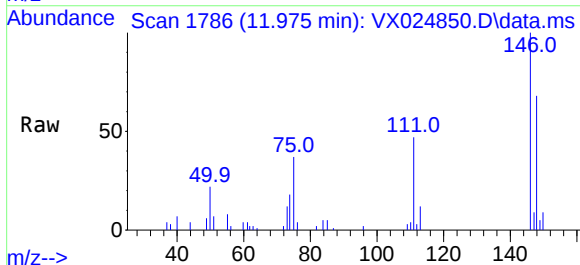
Manual Integrations
APPROVED

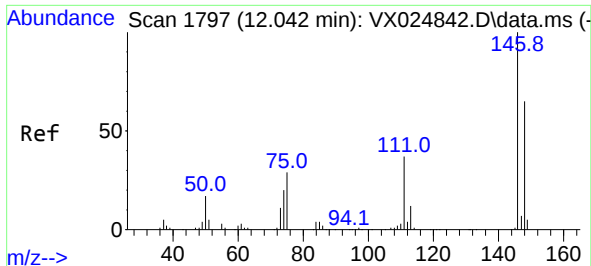
MMDadoda
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#64
1,3-Dichlorobenzene
Concen: 1.42 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:146 Resp: 5821
Ion Ratio Lower Upper
146 100
111 46.7 28.9 53.7
148 68.1 47.7 88.7





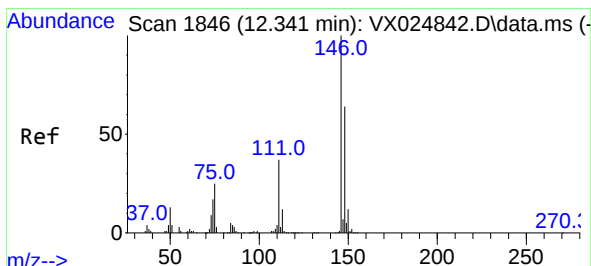
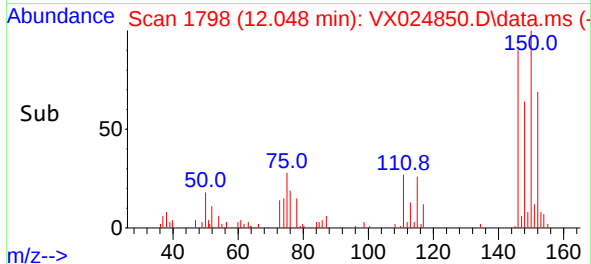
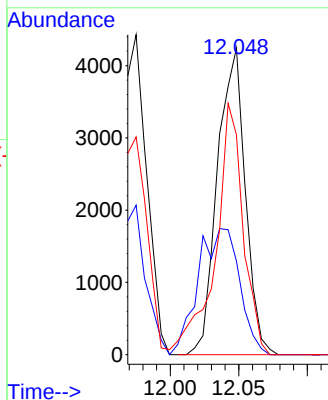
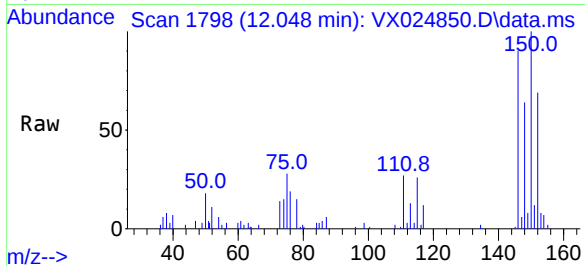
#65
1,4-Dichlorobenzene
Concen: 1.46 ug/L
RT: 12.048 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

Tgt Ion:146 Resp: 5996
Ion Ratio Lower Upper
146 100
111 30.5 28.7 53.3
148 71.6 45.8 85.2

Instrument :
MSVOA_X
ClientSampled :
MDL01

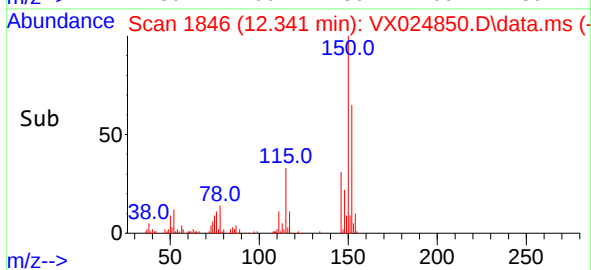
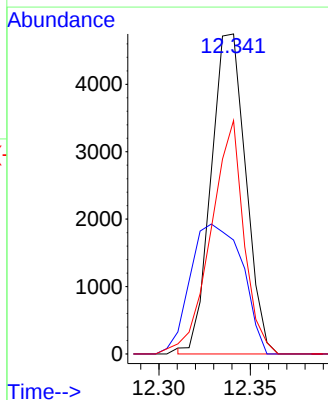
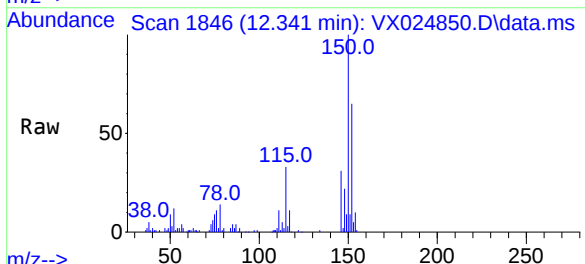
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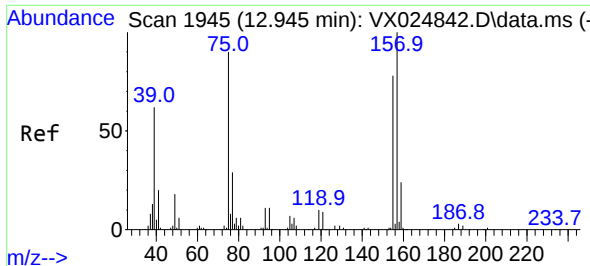
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#67
1,2-Dichlorobenzene
Concen: 1.54 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

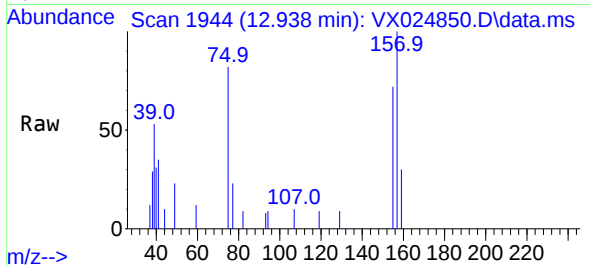
Tgt Ion:146 Resp: 6260
Ion Ratio Lower Upper
146 100
111 35.6 33.8 50.8
148 73.0 51.4 77.2





#68
1,2-Dibromo-3-chloropropane
Concen: 1.17 ug/L m
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

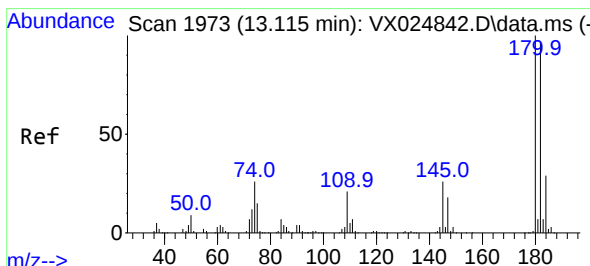
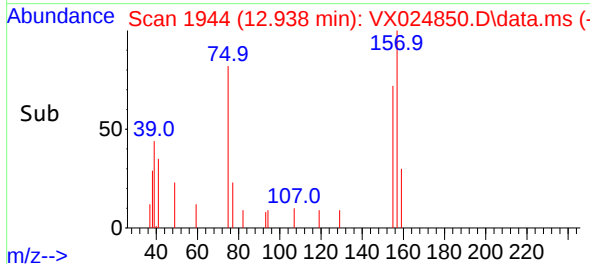
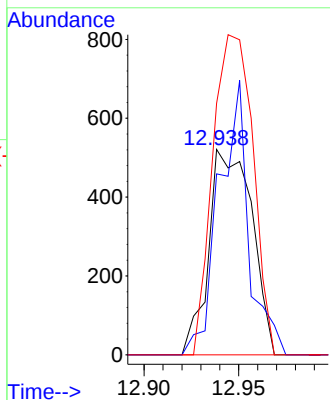
Instrument :
MSVOA_X
ClientSampled :
MDL01



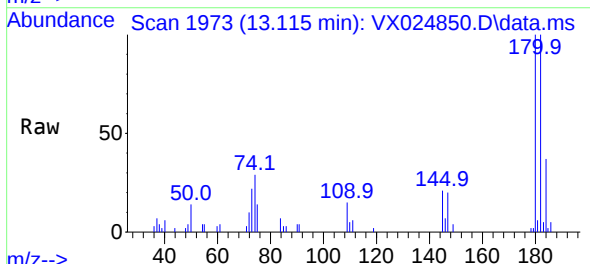
Tgt Ion: 75 Resp: 827
Ion Ratio Lower Upper
75 100
155 88.1 65.3 97.9
157 122.5 80.5 120.7#

Manual Integrations
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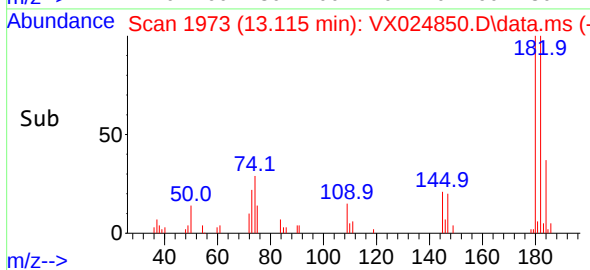
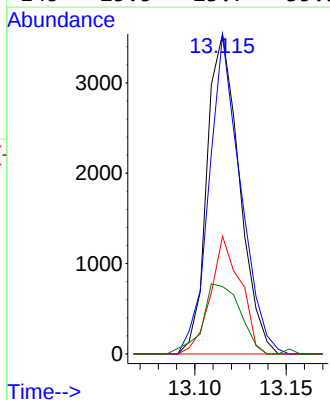
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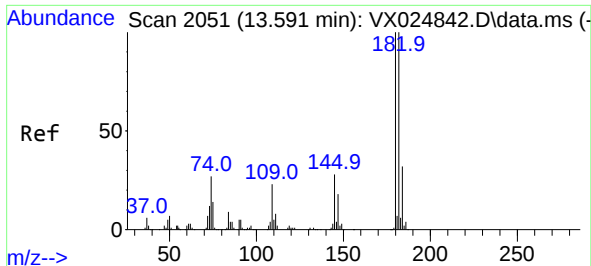


#69
1,3,5-Trichlorobenzene
Concen: 1.48 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56

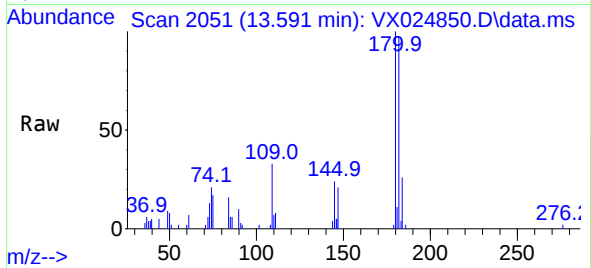


Tgt Ion:180 Resp: 4365
Ion Ratio Lower Upper
180 100
182 97.1 74.8 112.2
184 33.9 24.1 36.1
145 25.5 23.7 35.5

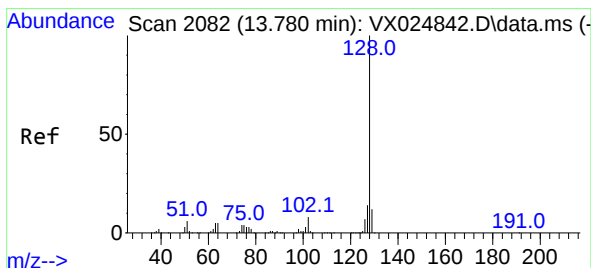
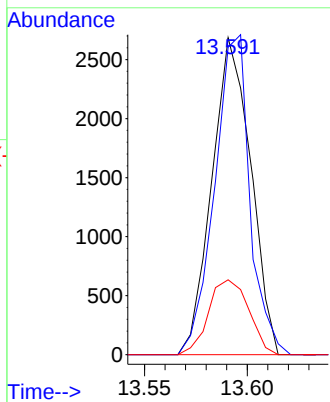
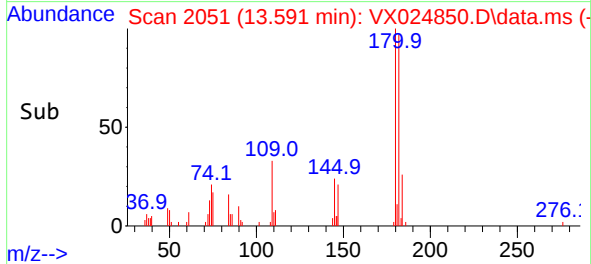




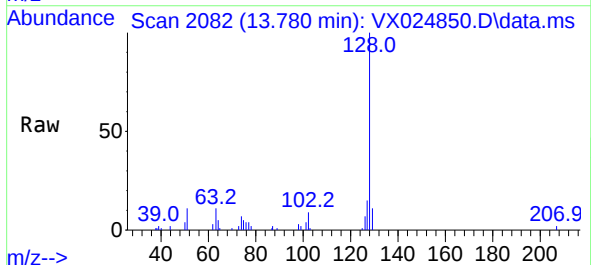
#70
1,2,4-trichlorobenzene
Concen: 1.41 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



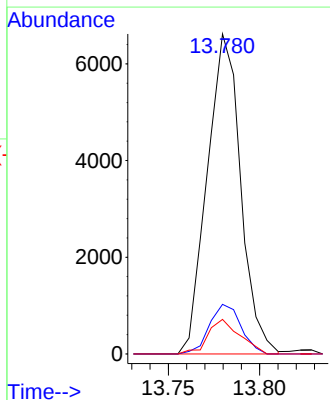
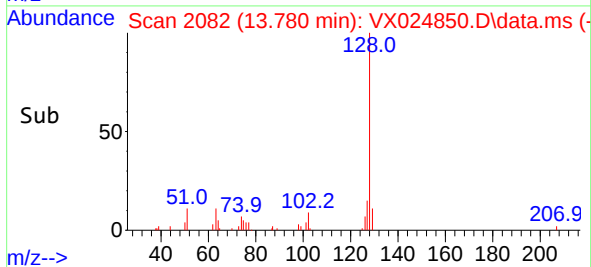
Tgt Ion:180 Resp: 3528
Ion Ratio Lower Upper
180 100
182 91.4 74.3 111.5
145 24.5 24.1 36.1



#71
Naphthalene
Concen: 1.01 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



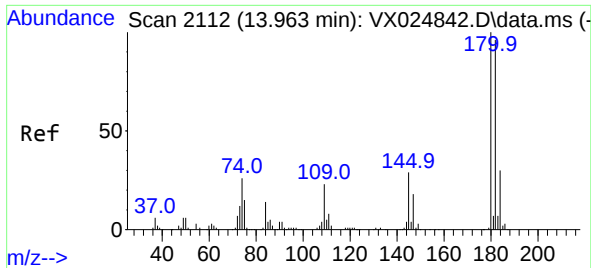
Tgt Ion:128 Resp: 8437
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.2
129 10.2 8.6 13.0



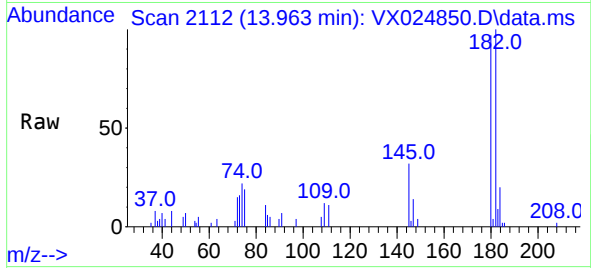
Instrument :
MSVOA_X
ClientSampled :
MDL01

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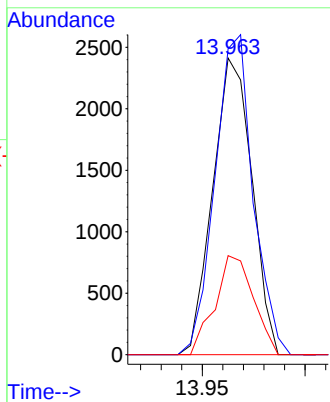
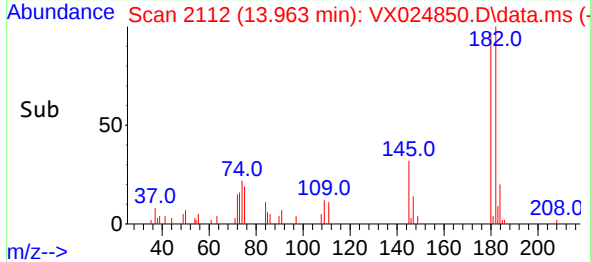
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#72
1,2,3-Trichlorobenzene
Concen: 1.24 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024850.D
Acq: 19 Oct 2021 15:56



Tgt Ion:	180	Resp:	3202
Ion	Ratio	Lower	Upper
180	100		
182	104.7	74.6	112.0
145	32.8	25.6	38.4



Instrument :
MSVOA_X
ClientSampleId :
MDL01

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