

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024869.D
 Acq On : 22 Oct 2021 14:14
 Operator : JC/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

MMDadoda

10/25/2021 10:17:34 AM

Quant Time: Oct 23 03:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	72863	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	9483	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.672	69	9776	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.312	63	27862	3.494	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.483	46	37800	48.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.660%
24) Chloroform-d	5.068	84	50810	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.964	65	26765	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.983	84	81703	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	7.312	67	24563	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	8.653	98	79332	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	8.951	79	10767	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	9.390	63	41069	51.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.040%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19122	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.323	152	29226	5.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2037	0.244	ug/L	92
3) Chloromethane	1.288	50	601	0.206	ug/L	92
5) Vinyl chloride	1.374	62	603	0.169	ug/L #	61
6) Bromomethane	1.617	94	730	0.262	ug/L #	57
8) Chloroethane	1.691	64	664	0.310	ug/L #	79
9) Trichlorofluoromethane	1.892	101	2560	0.241	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	1620	0.291	ug/L	87
12) 1,1-Dichloroethene	2.325	96	1430	0.320	ug/L #	1
13) Acetone	2.398	43	1453	2.477	ug/L	94
14) Carbon disulfide	2.514	76	3143	0.258	ug/L #	90
15) Methyl Acetate	2.721	43	394	0.295	ug/L #	41
16) Methylene chloride	2.794	84	3998	0.770	ug/L #	81
17) Methyl tert-butyl Ether	3.129	73	2943	0.229	ug/L #	91
18) trans-1,2-Dichloroethene	3.099	96	1044	0.200	ug/L	83
19) 1,1-Dichloroethane	3.623	63	2180	0.239	ug/L	87
21) 2-Butanone	4.586	43	2062	2.390	ug/L	96
22) cis-1,2-Dichloroethene	4.483	96	1334m	0.239	ug/L	
23) Bromochloromethane	4.922	128	548m	0.217	ug/L	
25) Chloroform	5.092	83	3984	0.336	ug/L	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.104	62	1658	0.228	ug/L #	85
29) 1,1,1-Trichloroethane	5.391	97	2886	0.254	ug/L	93
30) Cyclohexane	5.477	56	1553	0.220	ug/L #	80
31) Carbon tetrachloride	5.702	117	2388	0.244	ug/L #	34
33) Benzene	6.043	78	4317	0.225	ug/L	100
34) Trichloroethene	7.129	95	1910	0.306	ug/L	88
35) Methylcyclohexane	7.391	83	1871	0.215	ug/L #	77
37) 1,2-Dichloropropane	7.433	63	1269	0.271	ug/L	98
38) Bromodichloromethane	7.836	83	1840	0.236	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	1973	0.250	ug/L	87
40) 4-Methyl-2-pentanone	8.580	43	4505	2.160	ug/L #	86
42) Toluene	8.720	91	6526	0.291	ug/L	89
44) trans-1,3-Dichloropropene	8.976	75	1849m	0.259	ug/L	
45) 1,1,2-Trichloroethane	9.159	97	854	0.227	ug/L #	78
47) Tetrachloroethene	9.281	164	1221	0.280	ug/L #	70
48) 2-Hexanone	9.433	43	3891	2.555	ug/L #	98
49) Dibromochloromethane	9.525	129	1011	0.205	ug/L	94
50) 1,2-Dibromoethane	9.616	107	854	0.226	ug/L #	72
51) Chlorobenzene	10.085	112	3616	0.254	ug/L #	89
52) Ethylbenzene	10.195	91	5739	0.217	ug/L	100
53) m,p-xylene	10.305	106	2316	0.247	ug/L	84
54) o-xylene	10.646	106	2360	0.258	ug/L	71
55) Styrene	10.659	104	3734	0.243	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.219	83	1309	0.301	ug/L #	57
59) Bromoform	10.799	173	410	0.188	ug/L #	90
60) Isopropylbenzene	10.963	105	5988	0.239	ug/L #	90
61) 1,2,3-Trichloropropane	11.250	75	651	0.212	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	5077	0.232	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	5105	0.228	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	2833	0.272	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	2706	0.259	ug/L	89
67) 1,2-Dichlorobenzene	12.341	146	2404	0.251	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	145	0.194	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.115	180	2061	0.260	ug/L #	95
70) 1,2,4-trichlorobenzene	13.591	180	1786	0.285	ug/L	93
71) Naphthalene	13.780	128	2248	0.199	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.969	180	1306	0.232	ug/L #	94

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

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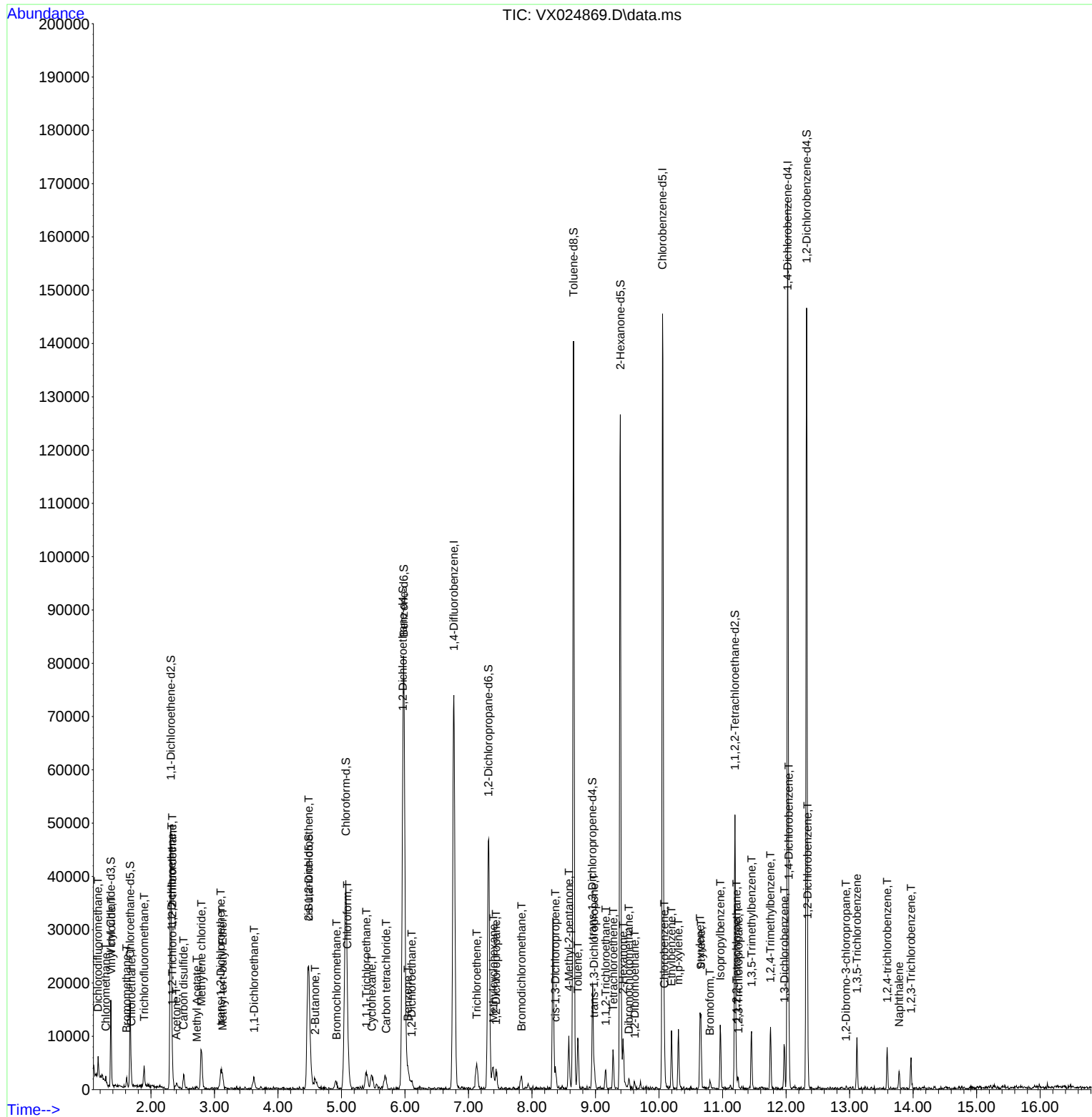
Instrument :
MSVOA_X
ClientSampleId :
MDL02

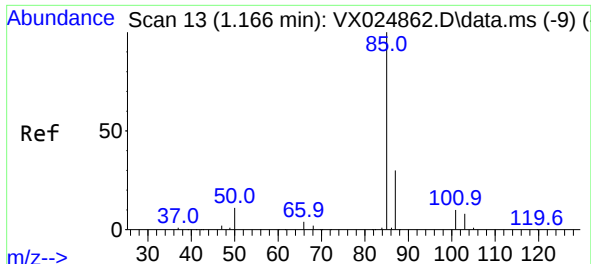
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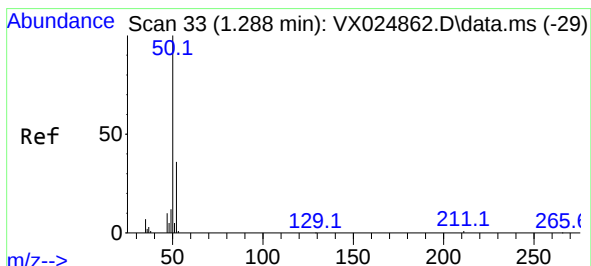
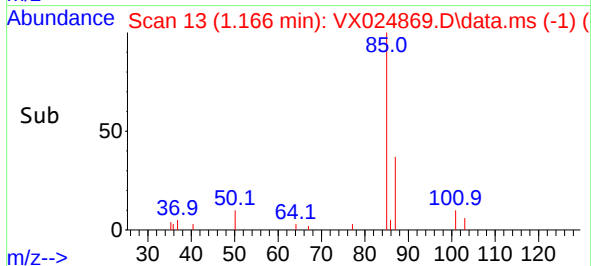
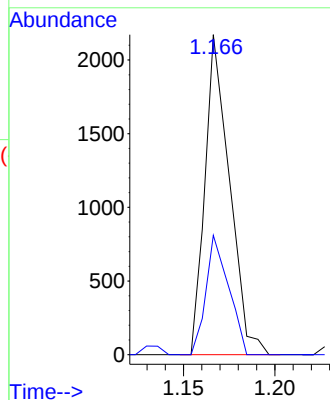
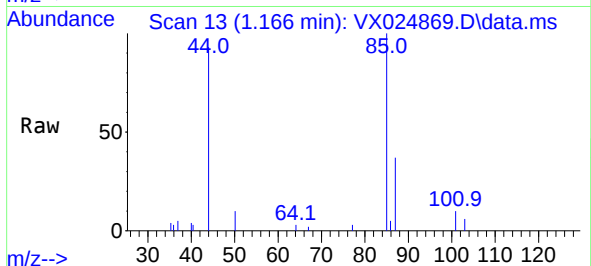
#2
Dichlorodifluoromethane
Concen: 0.244 ug/L
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 85 Resp: 2037
Ion Ratio Lower Upper
85 100
87 34.4 24.1 36.1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

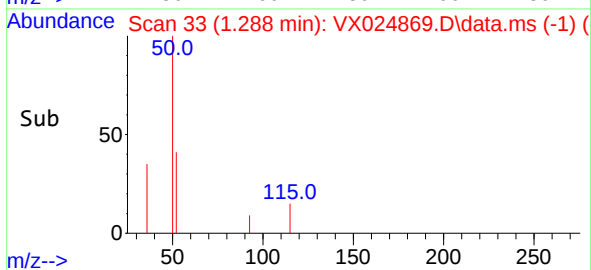
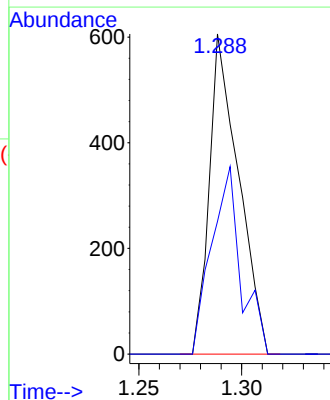
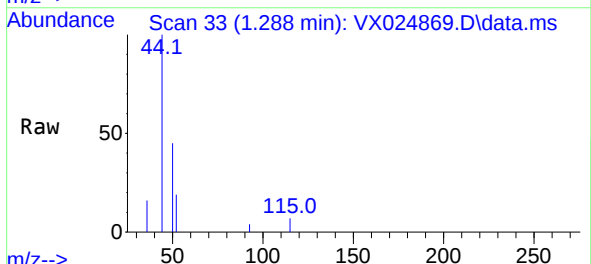
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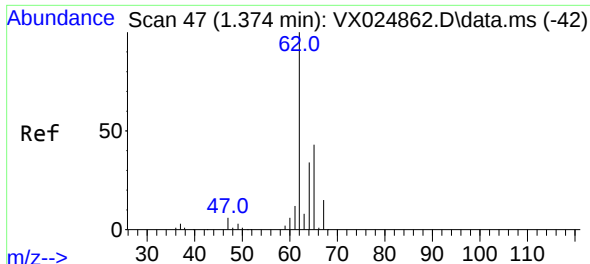
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#3
Chloromethane
Concen: 0.206 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 41.4 25.5 47.3





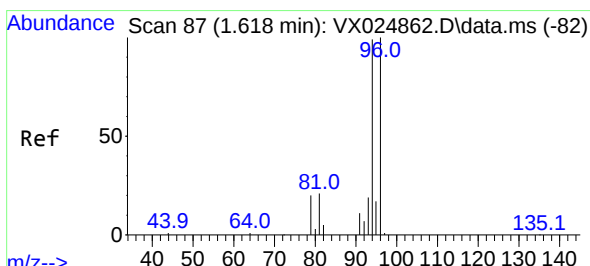
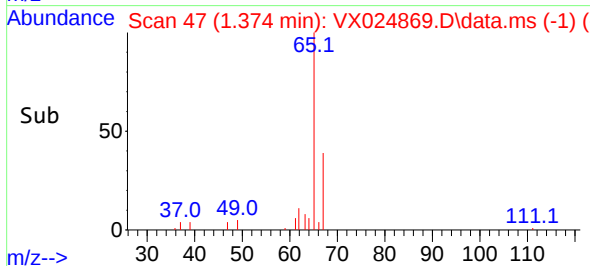
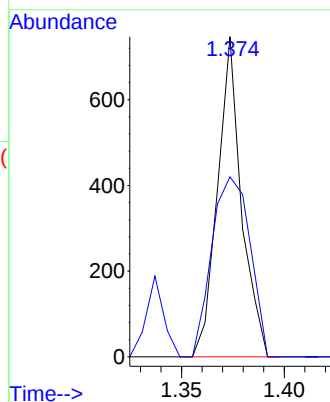
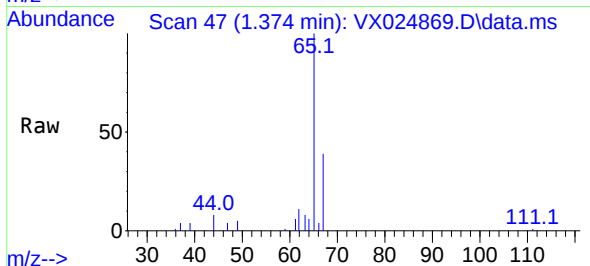
#5
 Vinyl chloride
 Concen: 0.169 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX024869.D
 Acq: 22 Oct 2021 14:14

Tgt Ion: 62 Resp: 603
 Ion Ratio Lower Upper
 62 100
 64 56.2 23.7 44.1#

Instrument :
 MSVOA_X
 ClientSampled :
 MDL02

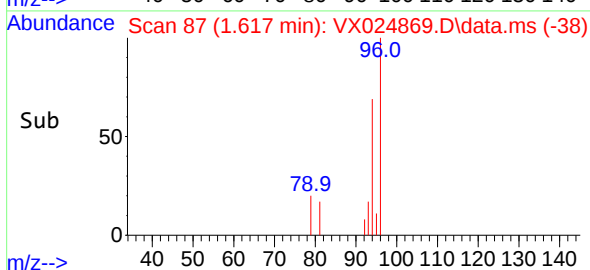
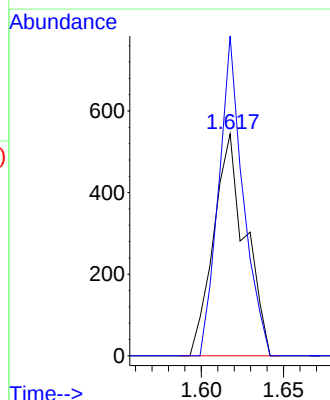
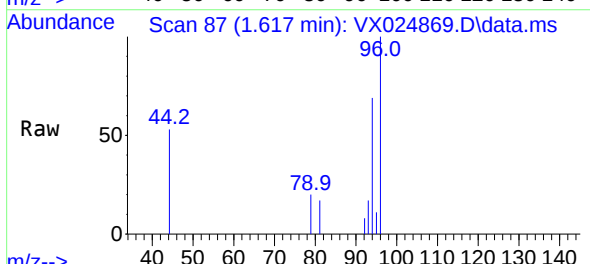
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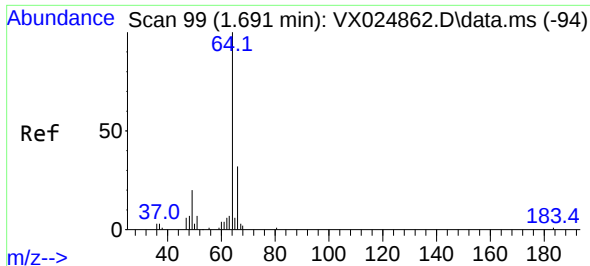
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#6
 Bromomethane
 Concen: 0.262 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX024869.D
 Acq: 22 Oct 2021 14:14

Tgt Ion: 94 Resp: 730
 Ion Ratio Lower Upper
 94 100
 96 144.1 70.9 131.7#





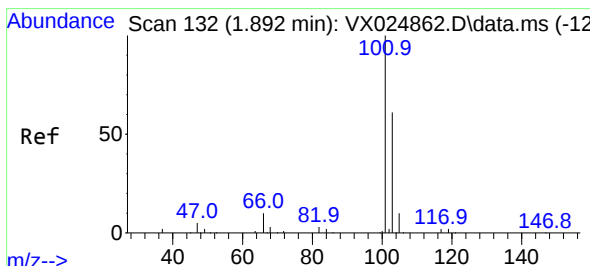
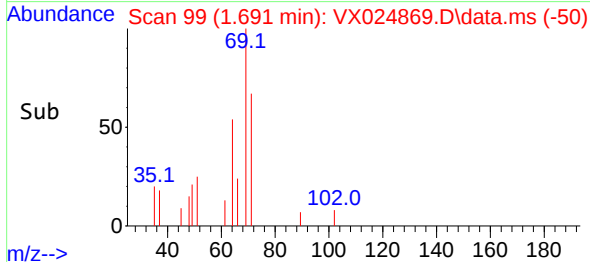
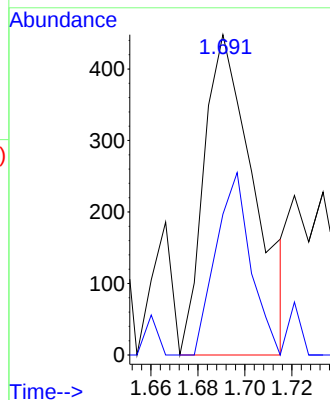
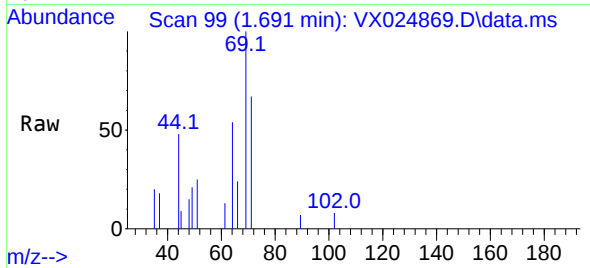
#8
Chloroethane
Concen: 0.310 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 64 Resp: 664
Ion Ratio Lower Upper
64 100
66 44.0 22.6 42.0#

Instrument :
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ClientSampled :
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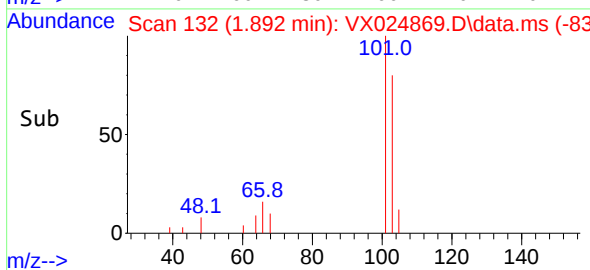
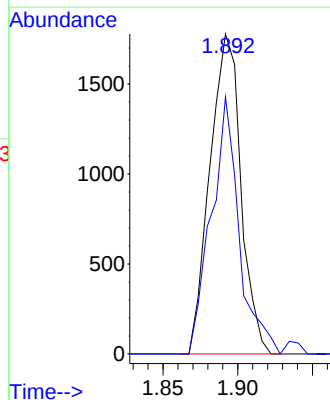
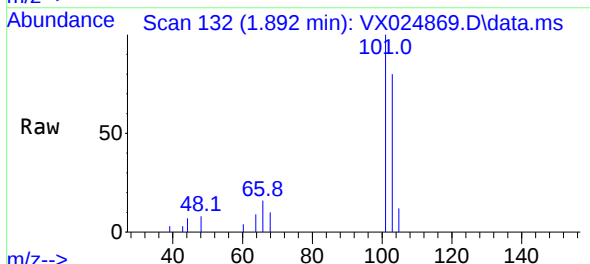
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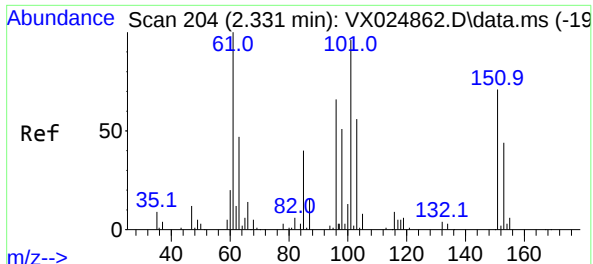
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#9
Trichlorofluoromethane
Concen: 0.241 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 101 Resp: 2560
Ion Ratio Lower Upper
101 100
103 72.5 51.2 76.8





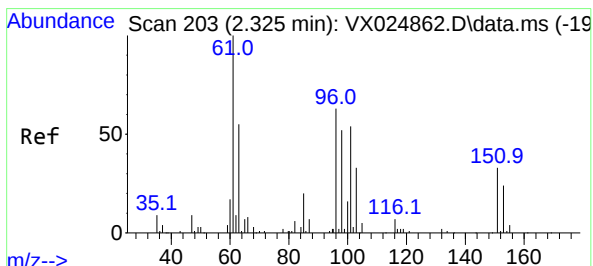
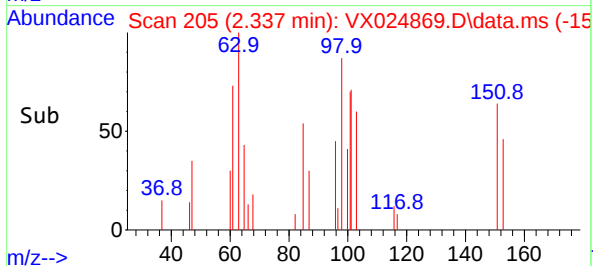
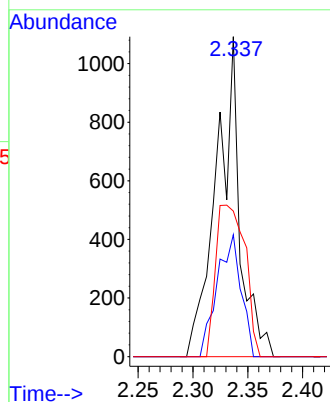
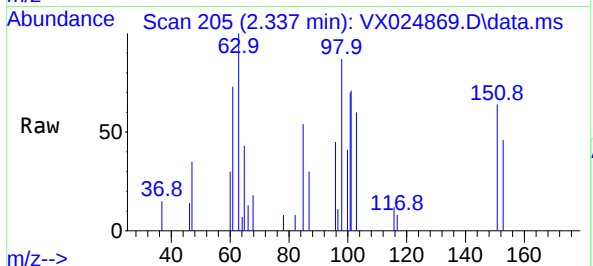
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.291 ug/L
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 101 Resp: 1620
Ion Ratio Lower Upper
101 100
85 39.0 34.3 51.5
151 59.3 58.3 87.5

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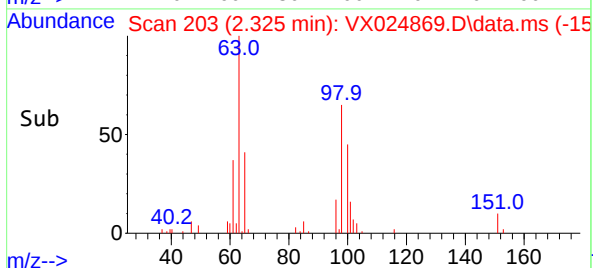
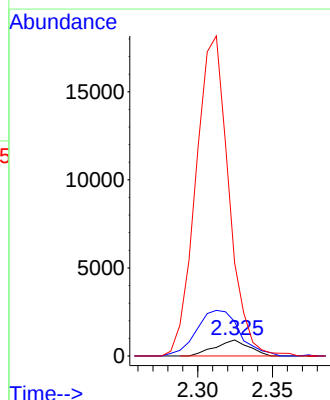
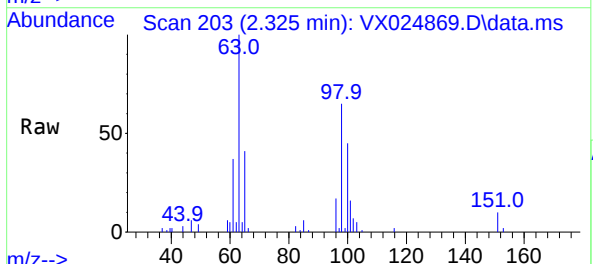
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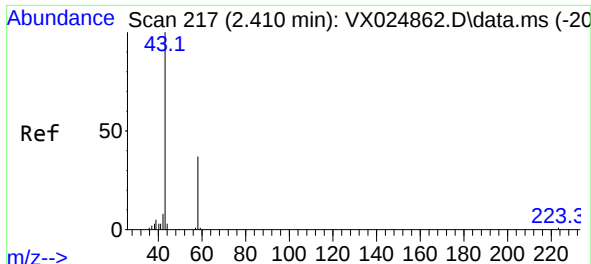
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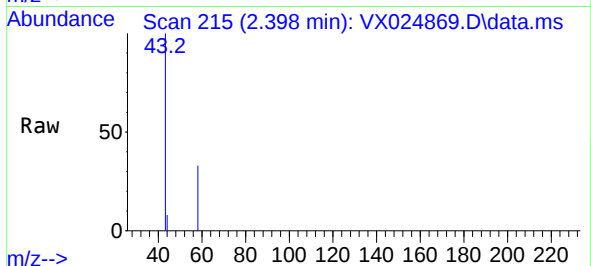
#12
1,1-Dichloroethene
Concen: 0.320 ug/L
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 96 Resp: 1430
Ion Ratio Lower Upper
96 100
61 214.7 110.2 204.8#
63 580.7 63.1 117.1#

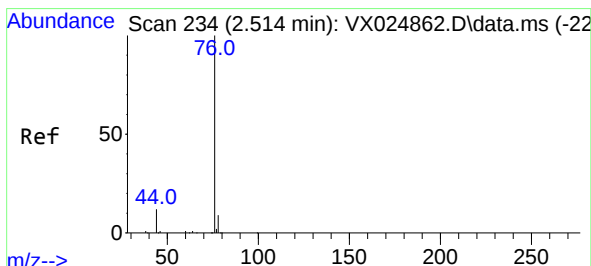
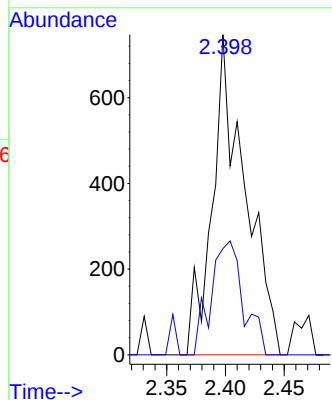
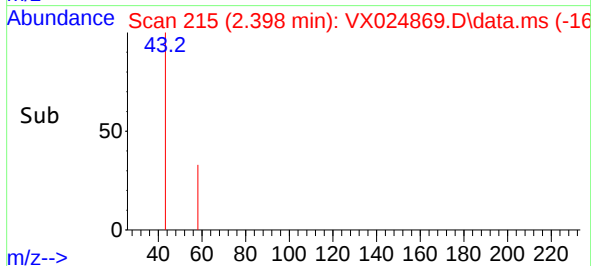




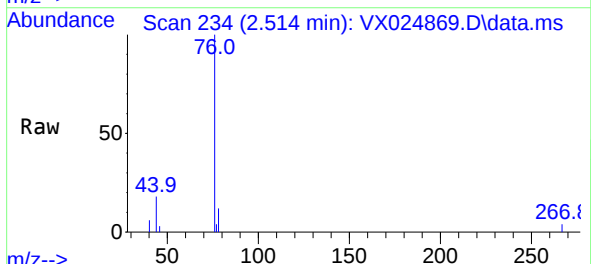
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Acetone
Concen: 2.477 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



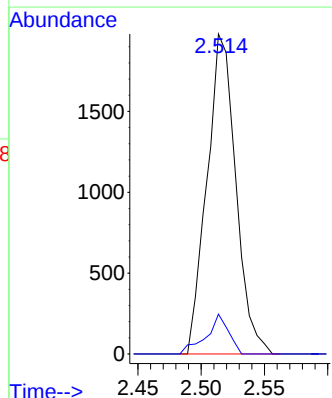
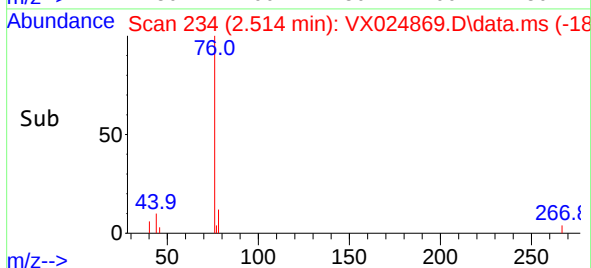
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 35.2 0.0 64.2



#14
Carbon disulfide
Concen: 0.258 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



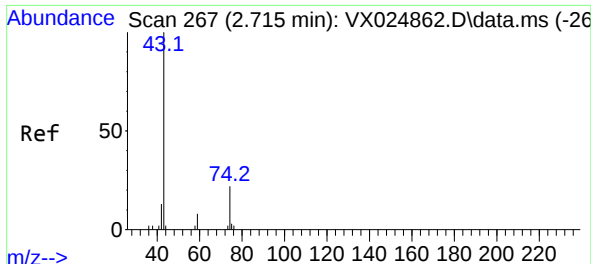
Tgt Ion: 76 Resp: 3143
Ion Ratio Lower Upper
76 100
78 12.5 7.1 10.7#



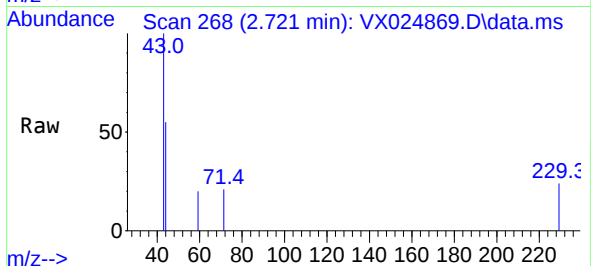
Instrument :
MSVOA_X
ClientSampleId :
MDL02

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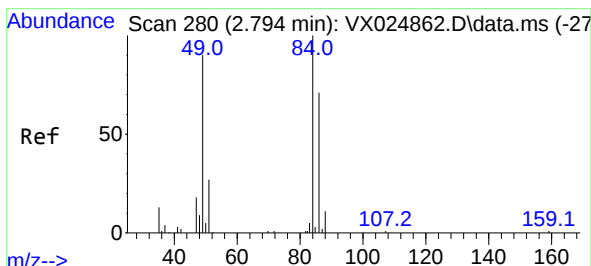
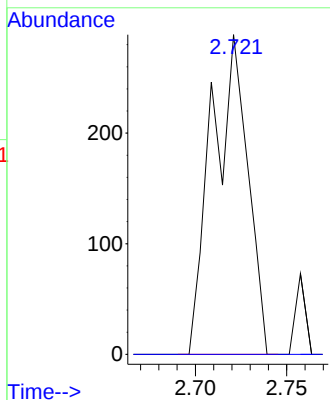
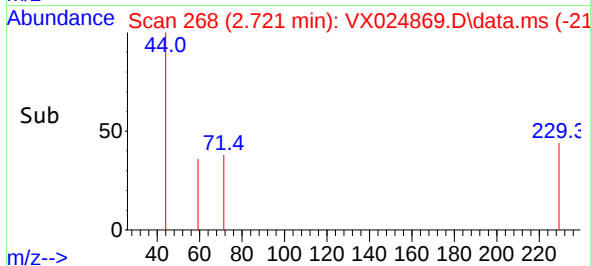
MMDadoda
10/25/2021 10:17:34 AM



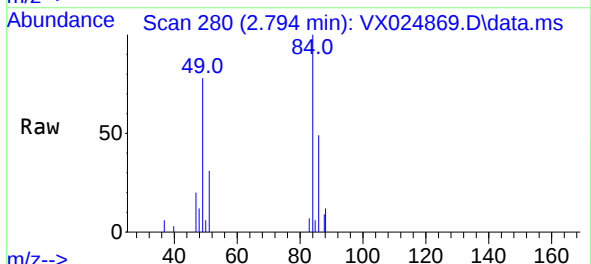
#15
Methyl Acetate
Concen: 0.295 ug/L
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



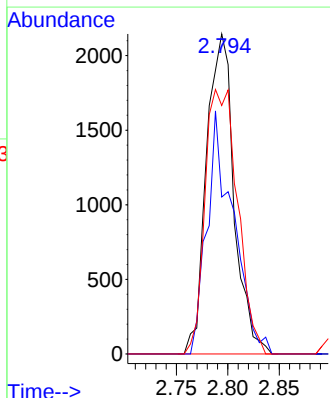
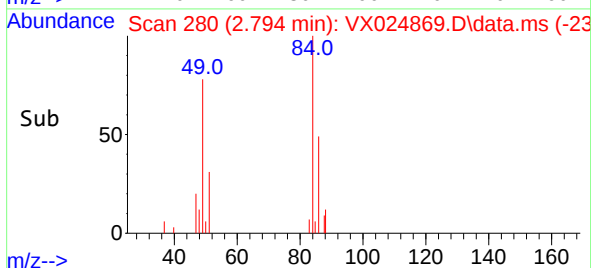
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2#



#16
Methylene chloride
Concen: 0.770 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



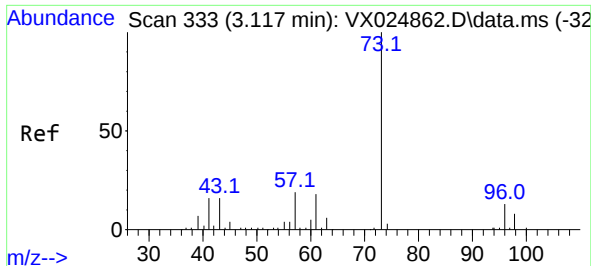
Tgt Ion: 84 Resp: 3998
Ion Ratio Lower Upper
84 100
86 49.0 49.5 91.9#
49 77.7 62.7 116.5



Instrument :
MSVOA_X
ClientSampled :
MDL02

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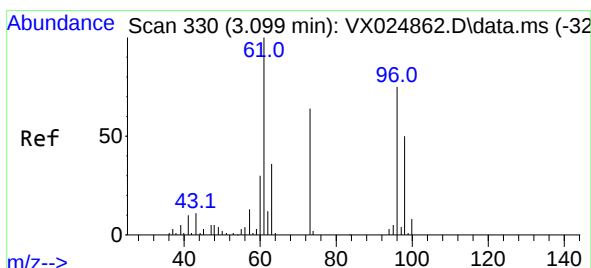
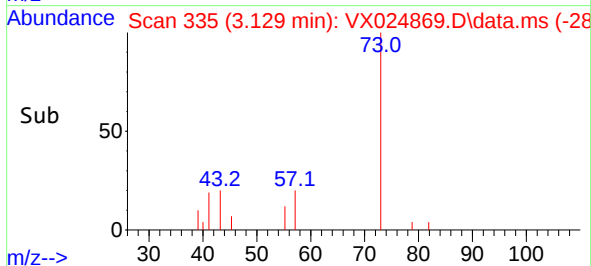
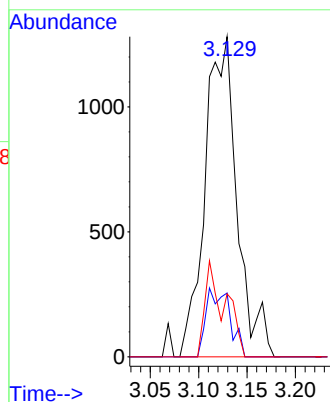
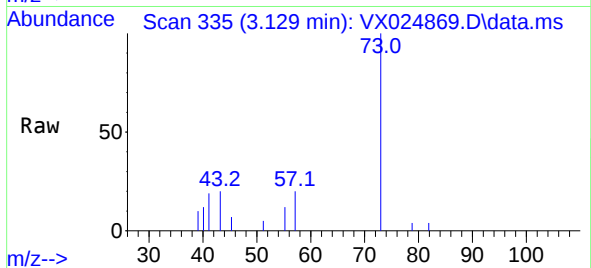
#17
Methyl tert-butyl Ether
Concen: 0.229 ug/L
RT: 3.129 min Scan# 335
Delta R.T. 0.012 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 73	Resp: 2943
Ion Ratio	Lower Upper
73 100	
43 15.8	13.6 20.4
57 11.9	14.5 21.7#

Instrument :
MSVOA_X
ClientSampled :
MDL02

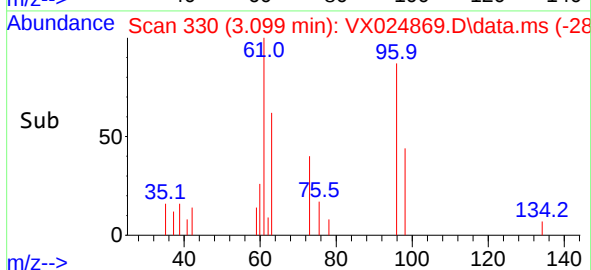
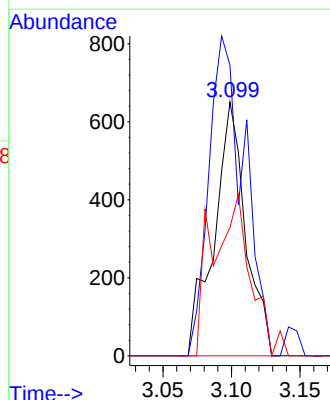
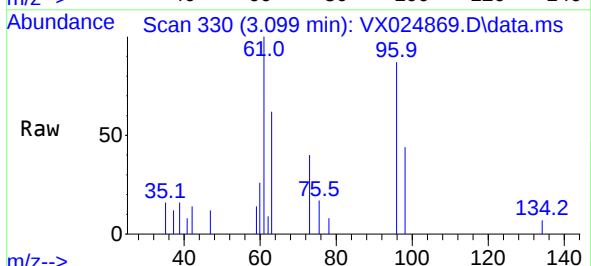
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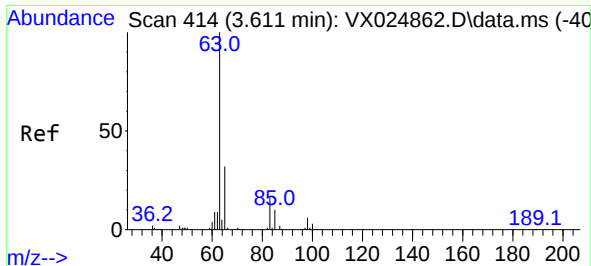
MMDadoda
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#18
trans-1,2-Dichloroethene
Concen: 0.200 ug/L
RT: 3.099 min Scan# 330
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 96	Resp: 1044		
Ion Ratio	Lower	Upper	
96	100		
61	114.6	92.7	172.3
98	50.6	46.6	86.6





#19

1,1-Dichloroethane

Concen: 0.239 ug/L

RT: 3.623 min Scan# 416

Delta R.T. 0.012 min

Lab File: VX024869.D

Acq: 22 Oct 2021 14:14

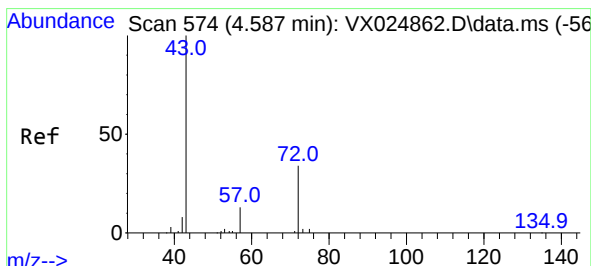
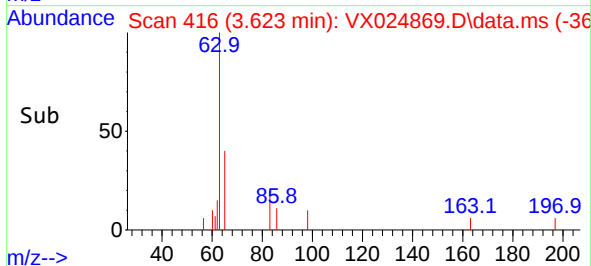
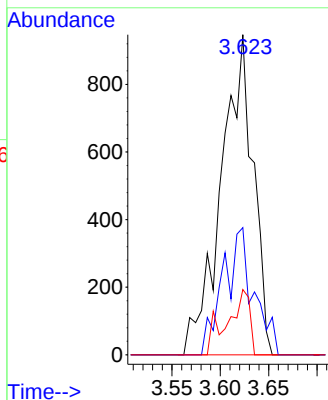
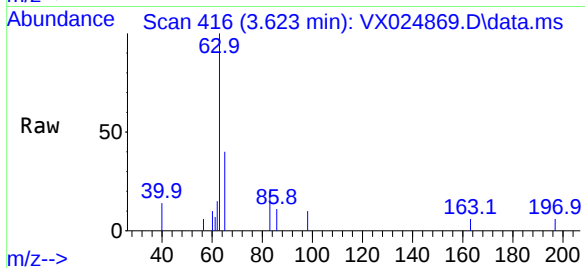
Tgt Ion:	63	Resp:	2180
Ion	Ratio	Lower	Upper
63	100		
65	39.7	22.3	41.3
83	20.4	11.5	21.3

Instrument :
MSVOA_X
ClientSampled :
MDL02

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#21

2-Butanone

Concen: 2.390 ug/L

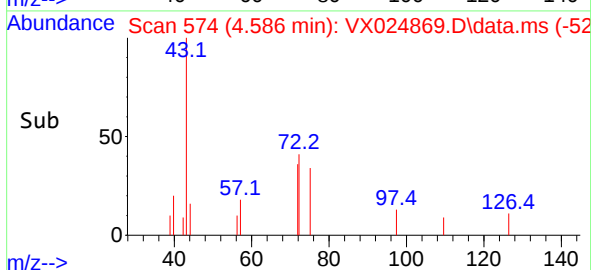
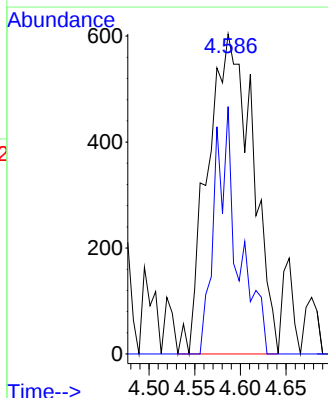
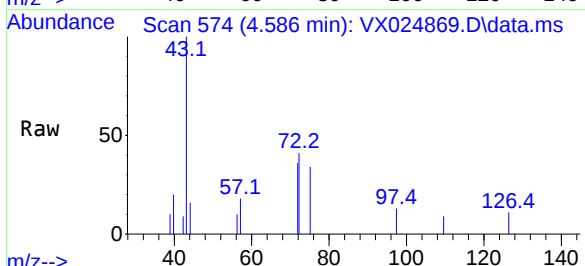
RT: 4.586 min Scan# 574

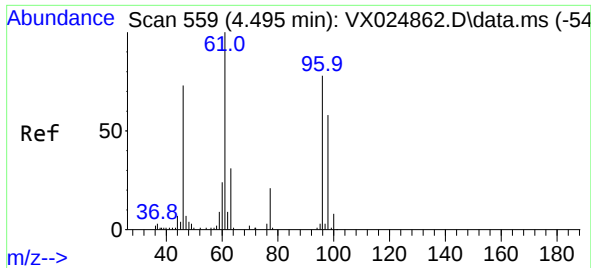
Delta R.T. -0.000 min

Lab File: VX024869.D

Acq: 22 Oct 2021 14:14

Tgt Ion:	43	Resp:	2062
Ion	Ratio	Lower	Upper
43	100		
72	40.2	18.9	56.9





#22
cis-1,2-Dichloroethene
Concen: 0.239 ug/L m
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

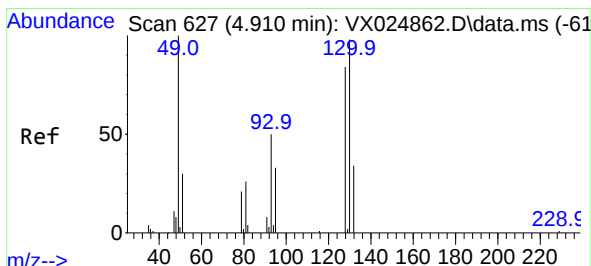
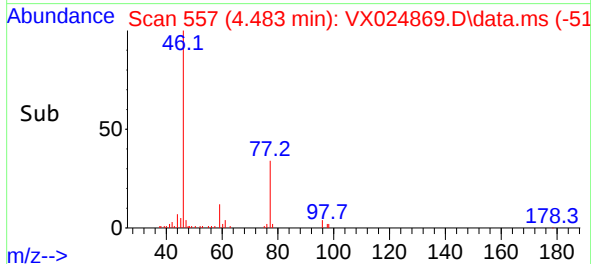
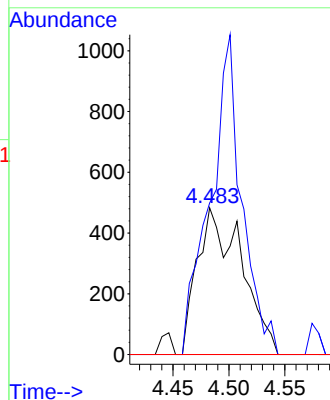
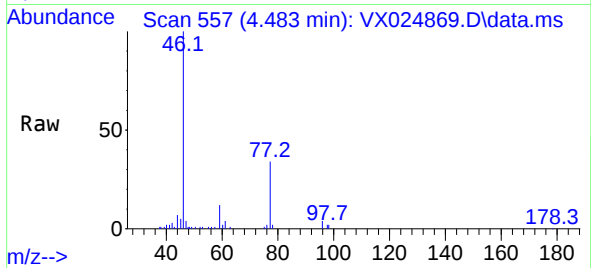
Tgt Ion: 96 Resp: 1334
Ion Ratio Lower Upper
96 100
61 103.3 90.3 167.7
68 0.0 0.0 0.0

Instrument :
MSVOA_X
ClientSampled :
MDL02

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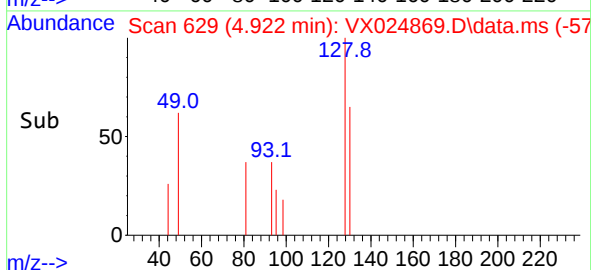
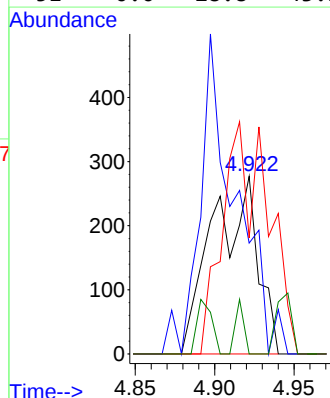
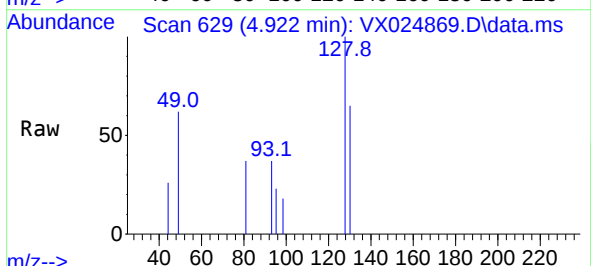
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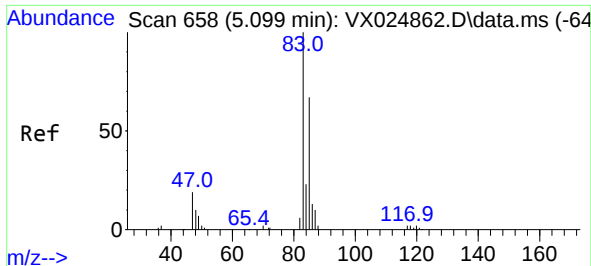
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#23
Bromochloromethane
Concen: 0.217 ug/L m
RT: 4.922 min Scan# 629
Delta R.T. 0.012 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

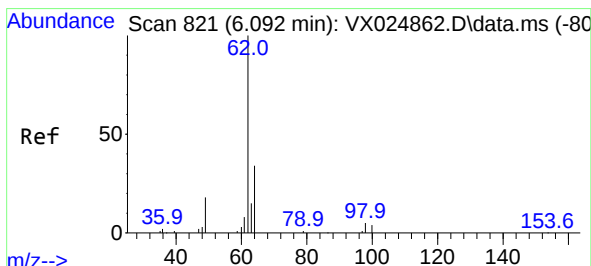
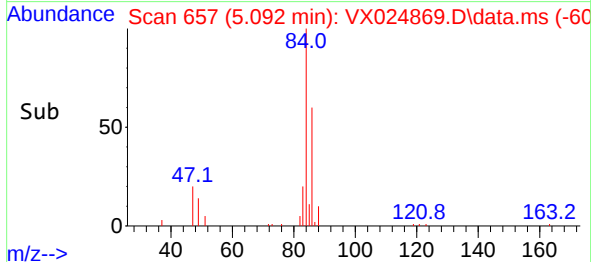
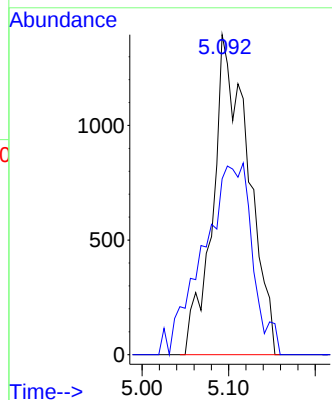
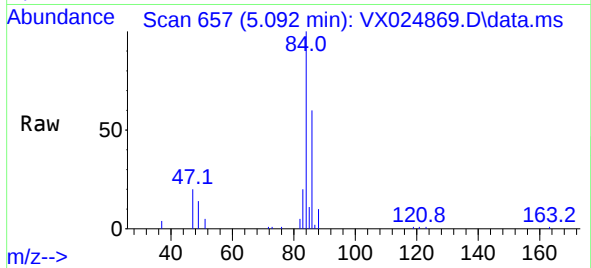
Tgt Ion: 128 Resp: 548
Ion Ratio Lower Upper
128 100
49 62.5 85.8 159.3#
130 65.3 81.4 151.2#
51 0.0 28.8 43.2#





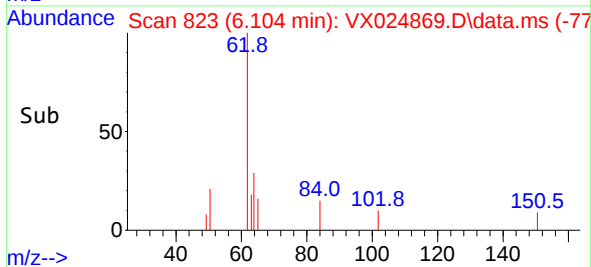
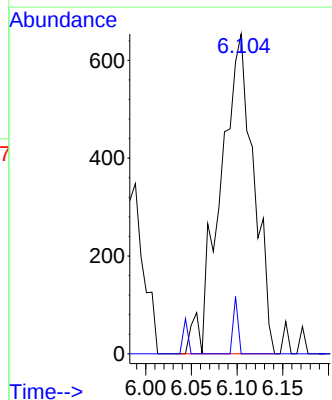
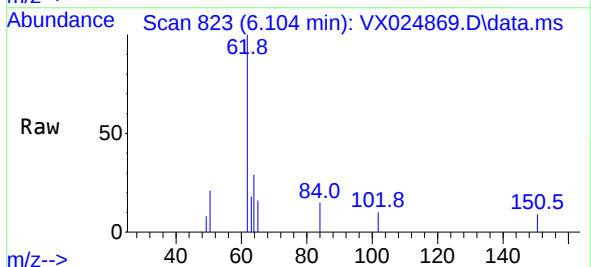
#25
Chloroform
Concen: 0.336 ug/L
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 83 Resp: 3984
Ion Ratio Lower Upper
83 100
85 54.9 47.0 87.4



#27
1,2-Dichloroethane
Concen: 0.228 ug/L
RT: 6.104 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

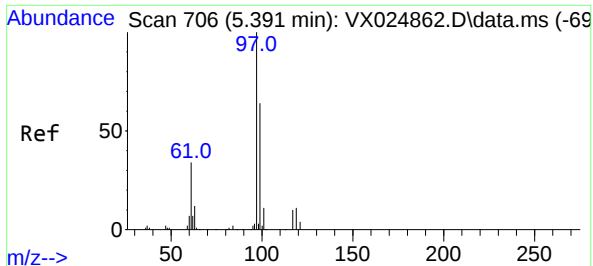
Tgt Ion: 62 Resp: 1658
Ion Ratio Lower Upper
62 100
98 0.0 4.1 6.1#



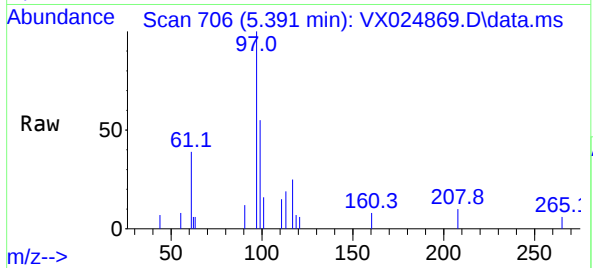
Instrument :
MSVOA_X
ClientSampled :
MDL02

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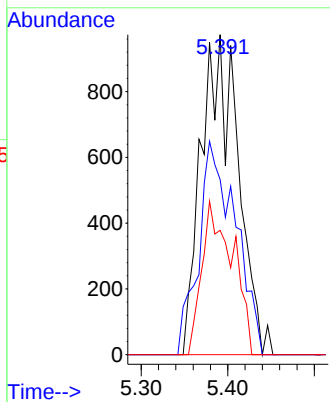
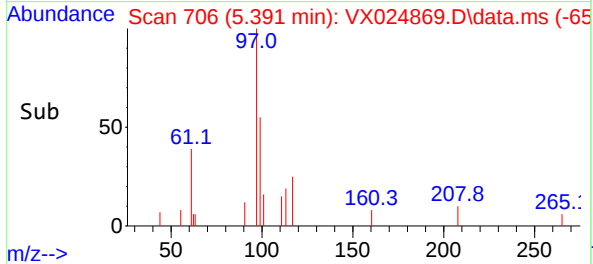


#29
1,1,1-Trichloroethane
Concen: 0.254 ug/L
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



Tgt Ion: 97 Resp: 2886

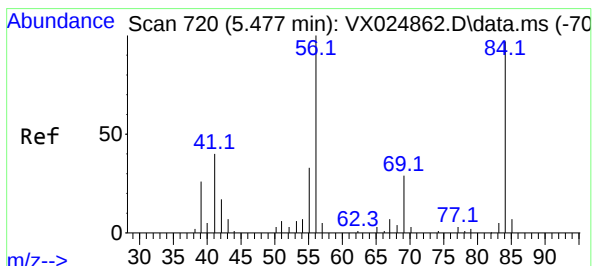
Ion	Ratio	Lower	Upper
97	100		
99	66.6	50.2	75.4
61	39.8	27.0	40.6



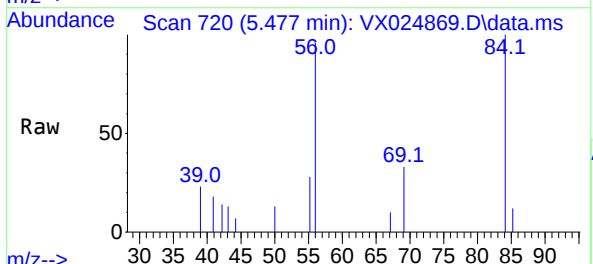
Instrument :
MSVOA_X
ClientSampled :
MDL02

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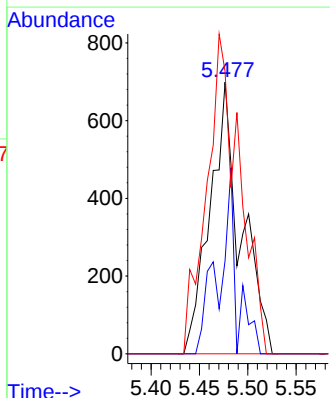
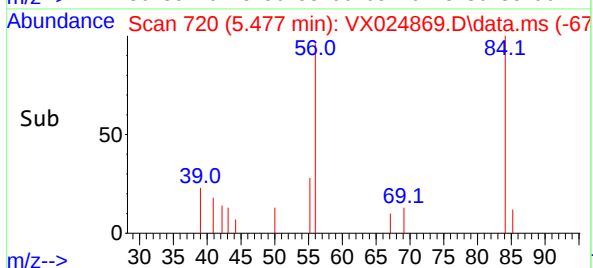


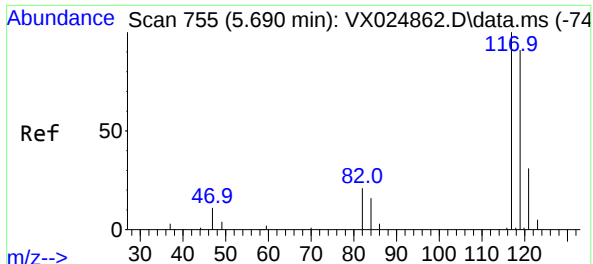
#30
Cyclohexane
Concen: 0.220 ug/L
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



Tgt Ion: 56 Resp: 1553

Ion	Ratio	Lower	Upper
56	100		
69	39.7	27.1	40.7
84	125.2	81.0	121.4





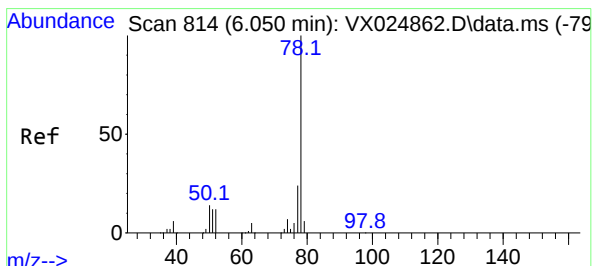
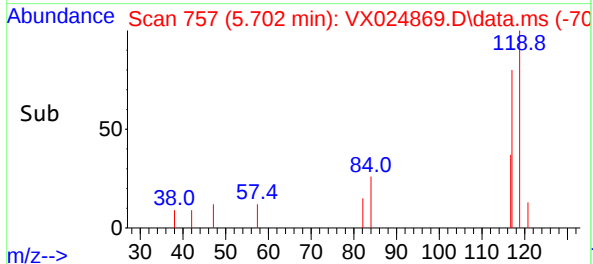
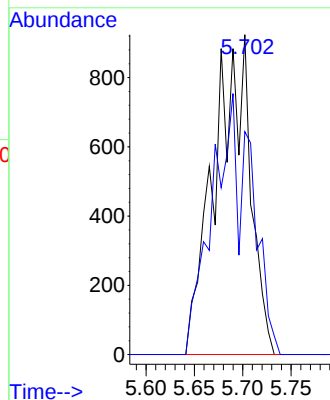
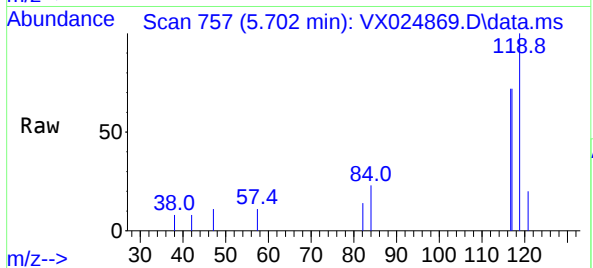
#31
Carbon tetrachloride
Concen: 0.244 ug/L
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:117 Resp: 2388
Ion Ratio Lower Upper
117 100
119 31.5 76.9 115.3#

Instrument :
MSVOA_X
ClientSampleId :
MDL02

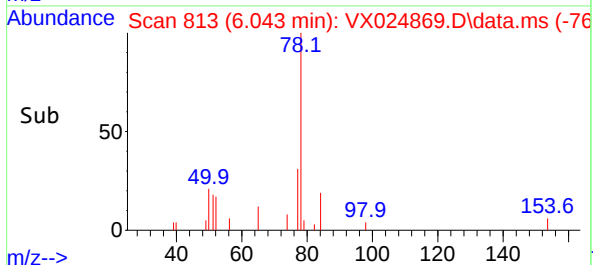
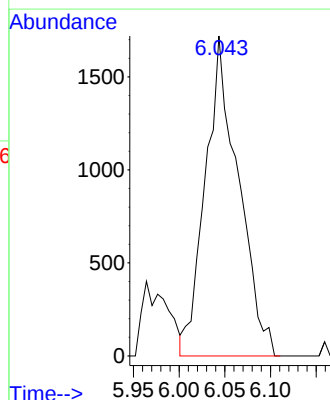
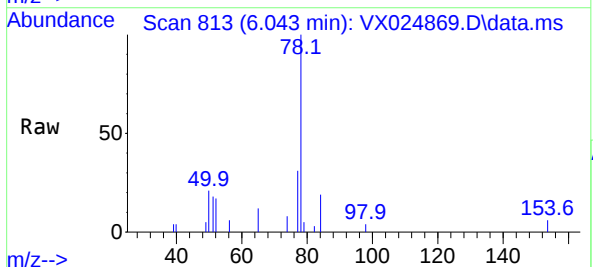
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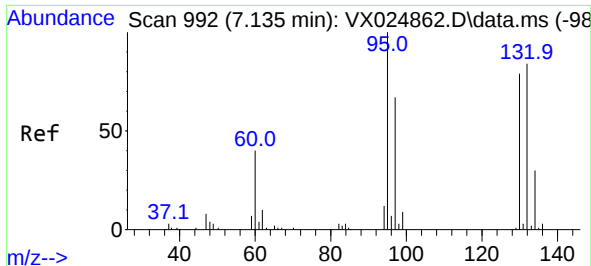
MMDadoda
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#33
Benzene
Concen: 0.225 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 78 Resp: 4317





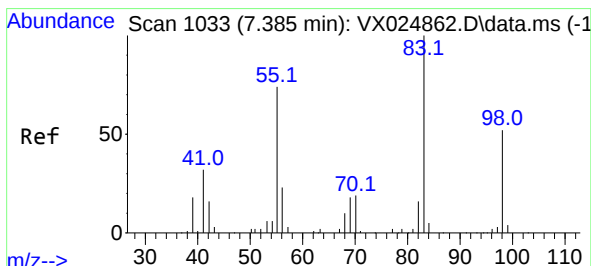
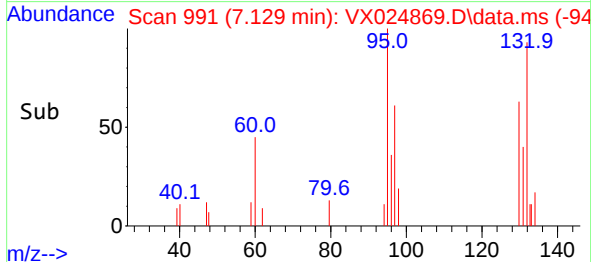
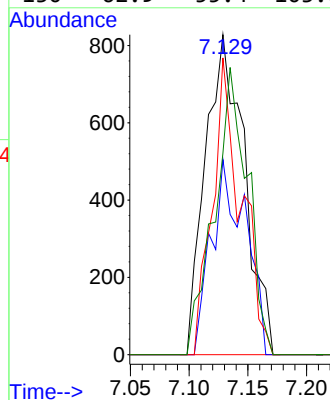
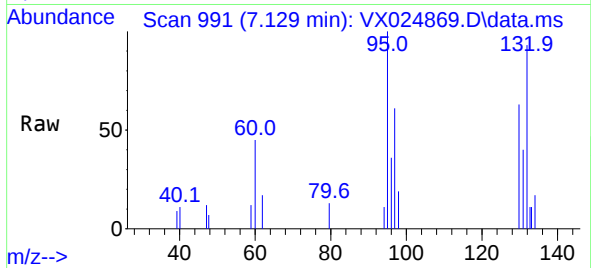
#34
Trichloroethene
Concen: 0.306 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 95	Resp: 1910
Ion Ratio	Lower Upper
95 100	
97 61.0	46.6 86.6
132 92.8	58.4 108.6
130 62.9	55.4 103.0

Instrument :
MSVOA_X
ClientSampled :
MDL02

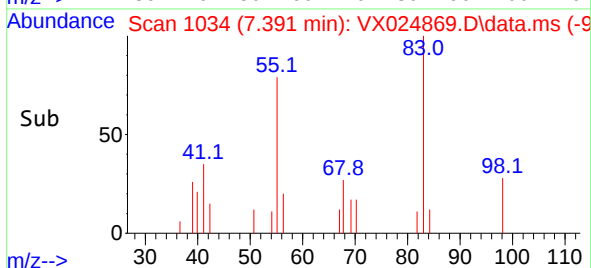
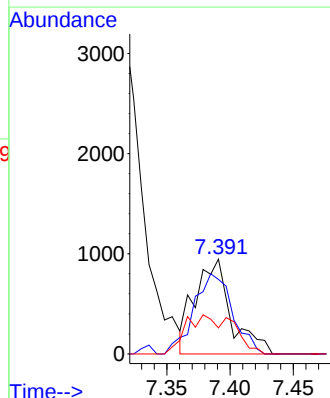
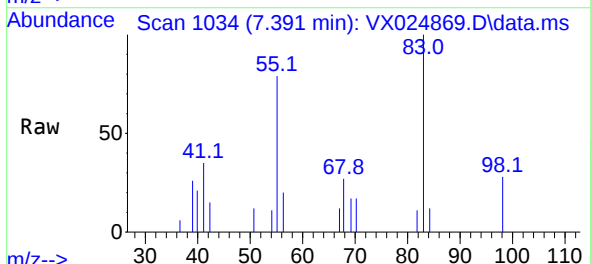
Manual Integrations
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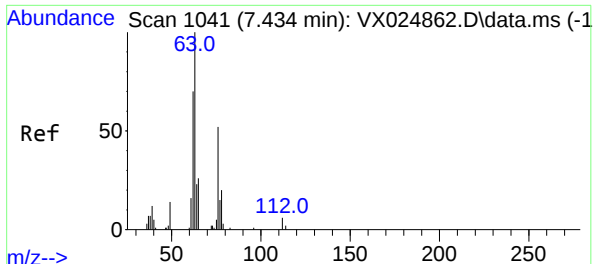
MMDadoda
10/25/2021 10:17:34 AM



#35
Methylcyclohexane
Concen: 0.215 ug/L
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 83	Resp: 1871
Ion Ratio	Lower Upper
83 100	
55 91.4	55.7 83.5#
98 36.0	38.3 57.5#





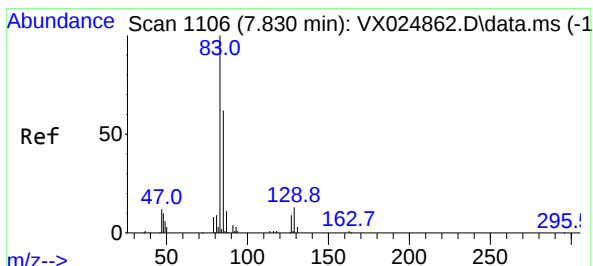
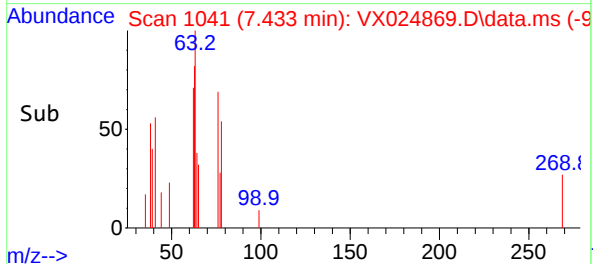
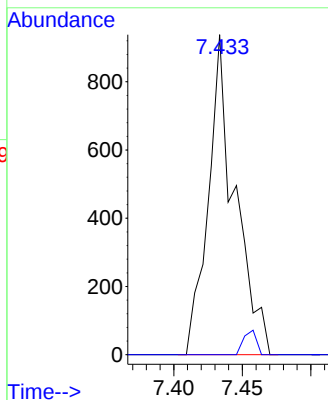
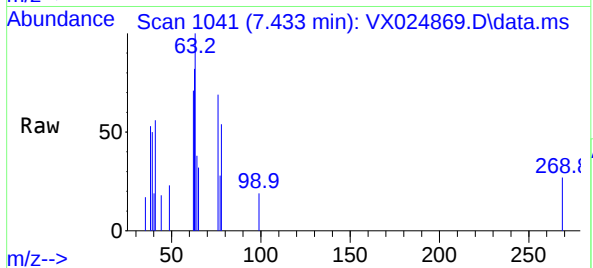
#37
1,2-Dichloropropane
Concen: 0.271 ug/L
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 63 Resp: 1269
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3

Instrument :
MSVOA_X
ClientSampleId :
MDL02

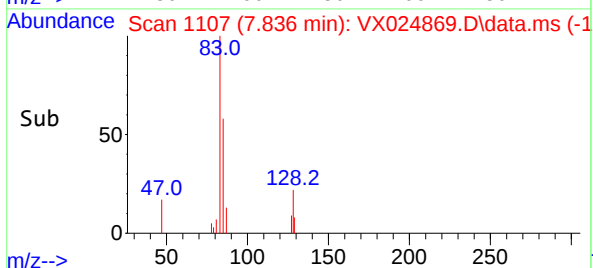
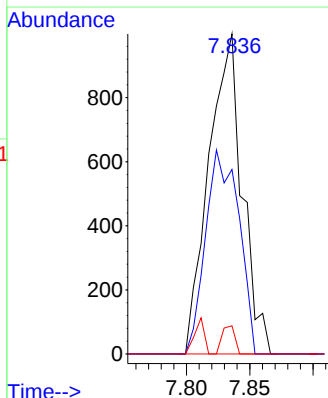
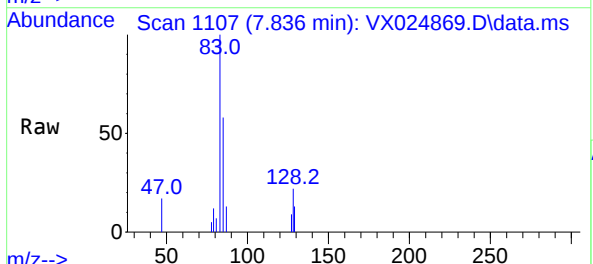
Manual Integrations
APPROVED

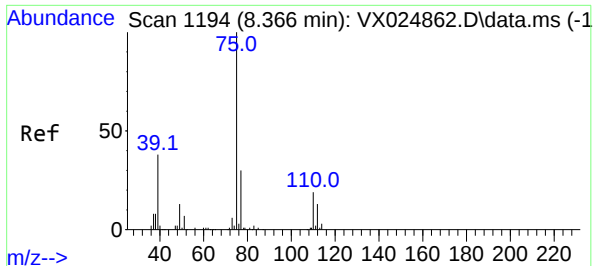
MMDadoda
10/25/2021 10:17:34 AM



#38
Bromodichloromethane
Concen: 0.236 ug/L
RT: 7.836 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 83 Resp: 1840
Ion Ratio Lower Upper
83 100
85 57.7 43.5 80.9
127 8.8 6.9 10.3





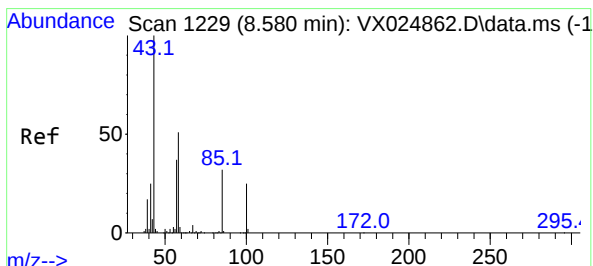
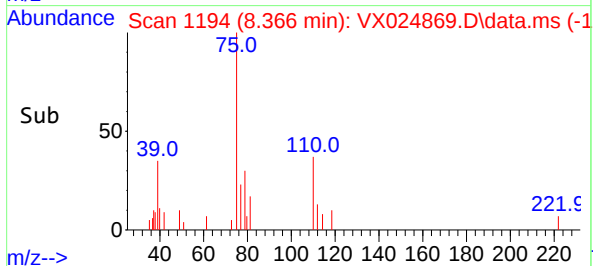
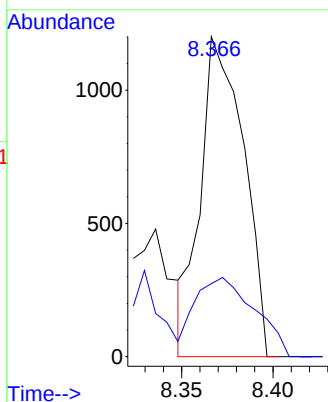
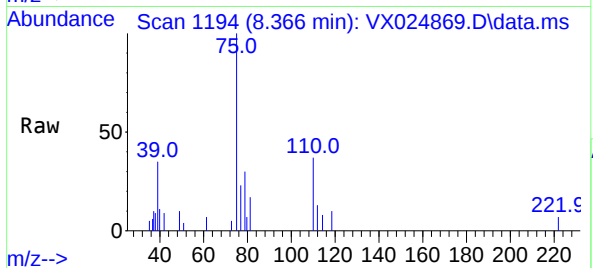
#39
cis-1,3-Dichloropropene
Concen: 0.250 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 75 Resp: 1973
Ion Ratio Lower Upper
75 100
77 22.8 20.9 38.9

Instrument :
MSVOA_X
ClientSampled :
MDL02

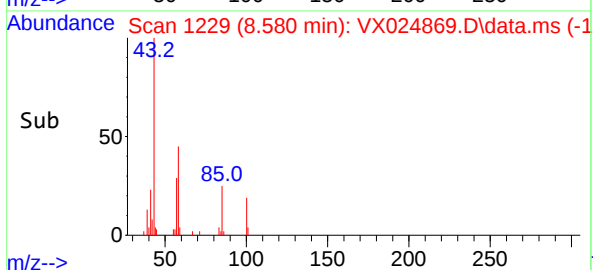
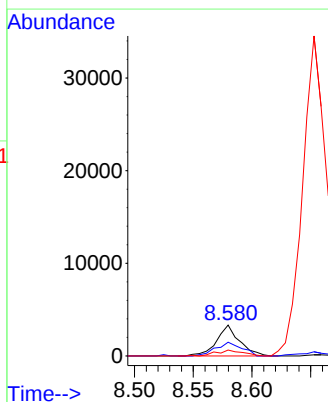
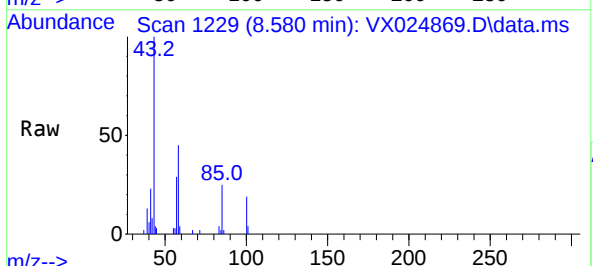
Manual Integrations
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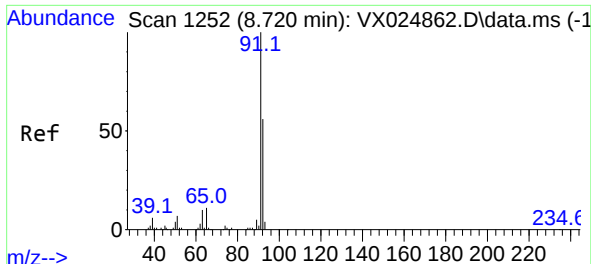
MMDadoda
10/25/2021 10:17:34 AM



#40
4-Methyl-2-pentanone
Concen: 2.160 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 43 Resp: 4505
Ion Ratio Lower Upper
43 100
58 50.6 40.1 60.1
100 0.0 17.4 26.0#





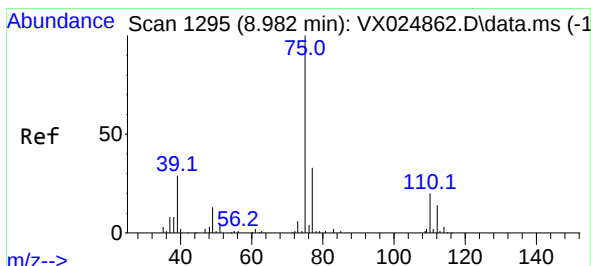
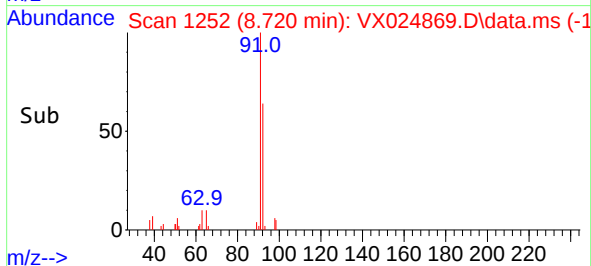
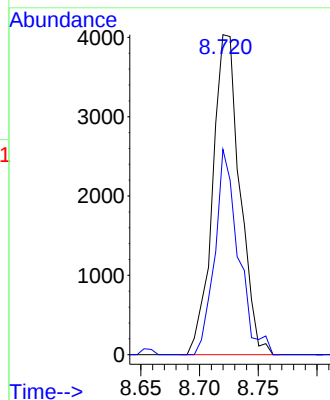
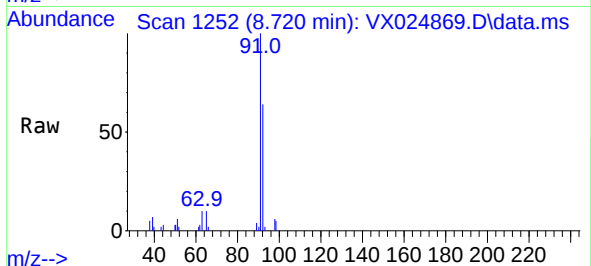
#42
Toluene
Concen: 0.291 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 91 Resp: 6526
Ion Ratio Lower Upper
91 100
92 64.1 39.1 72.5

Instrument :
MSVOA_X
ClientSampleId :
MDL02

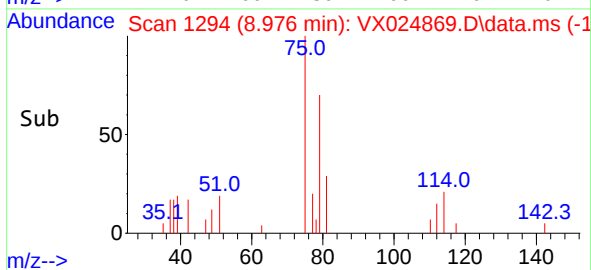
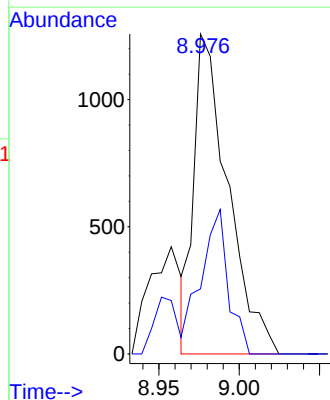
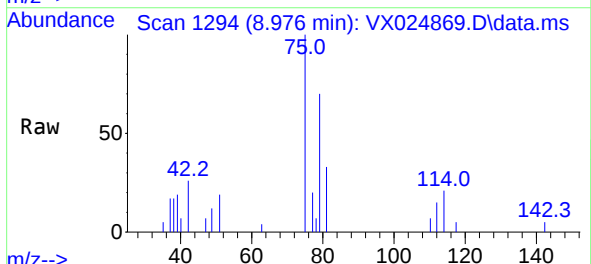
Manual Integrations
APPROVED

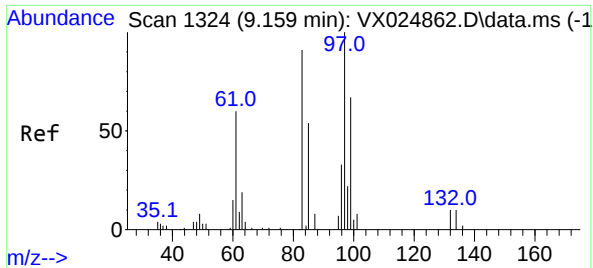
MMDadoda
10/25/2021 10:17:34 AM



#44
trans-1,3-Dichloropropene
Concen: 0.259 ug/L m
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 75 Resp: 1849
Ion Ratio Lower Upper
75 100
77 20.3 23.4 43.4#





#45
1,1,2-Trichloroethane
Concen: 0.227 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 97 Resp: 854

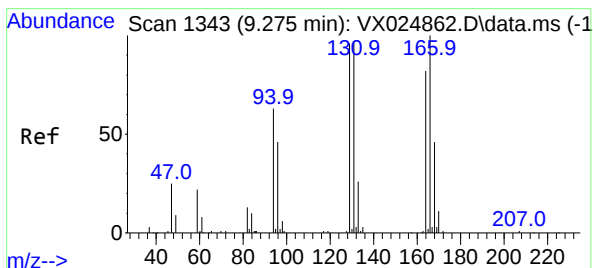
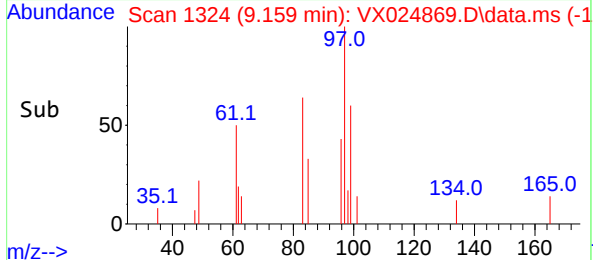
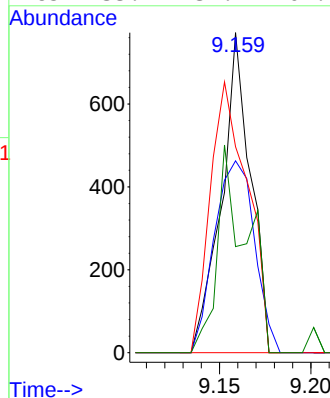
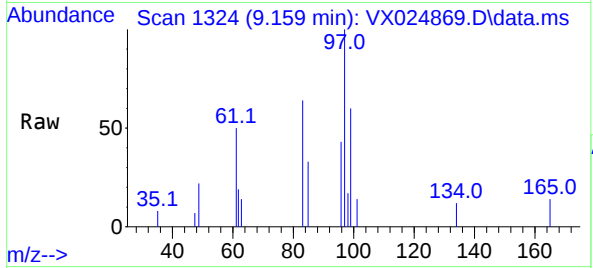
Ion	Ratio	Lower	Upper
97	100		
99	60.0	46.8	86.8
83	64.4	63.6	118.2
85	33.2	37.7	69.9#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
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MMDadoda

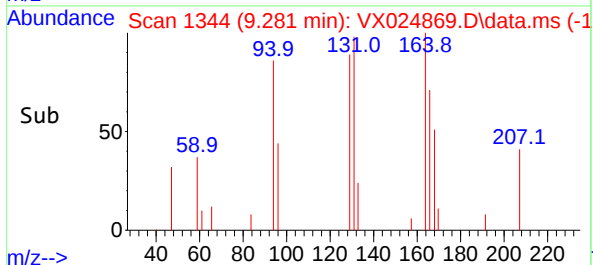
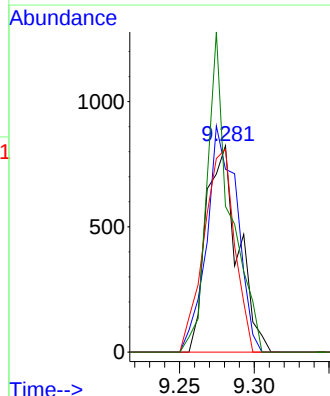
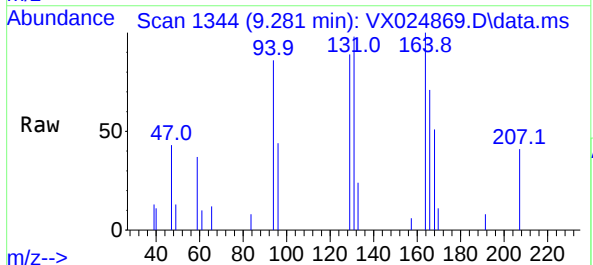
10/25/2021 10:17:34 AM

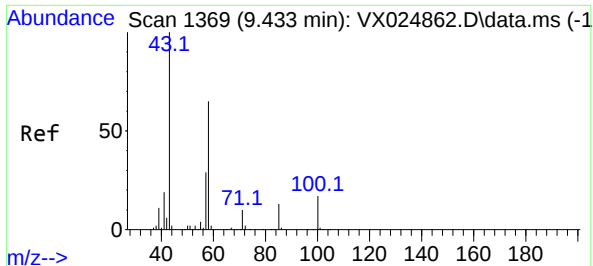


#47
Tetrachloroethene
Concen: 0.280 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 164 Resp: 1221

Ion	Ratio	Lower	Upper
164	100		
129	88.6	81.8	152.0
131	98.3	82.9	153.9
166	70.6	85.5	158.9#





#48
2-Hexanone
Concen: 2.555 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

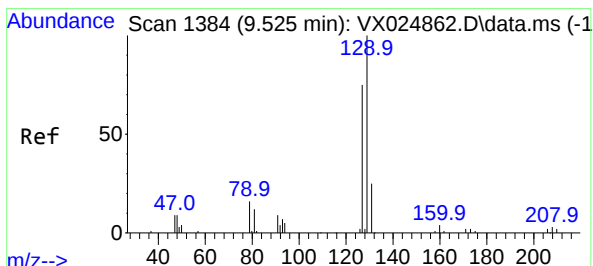
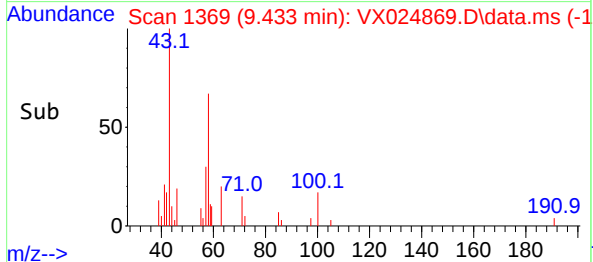
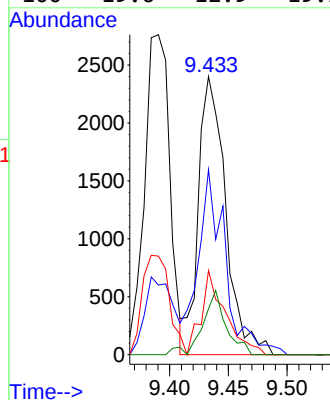
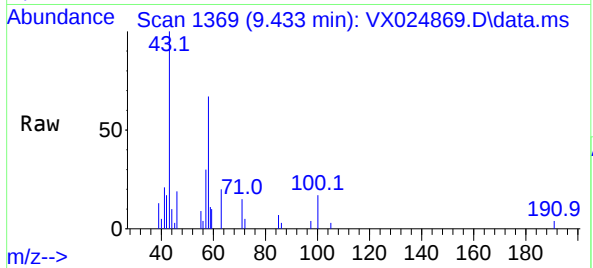
Tgt Ion: 43	Resp: 3891
Ion Ratio	Lower Upper
43 100	
58 66.6	52.7 79.1
57 26.8	21.2 31.8
100 19.6	12.9 19.3#

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
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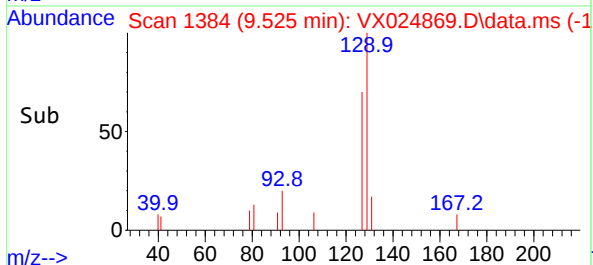
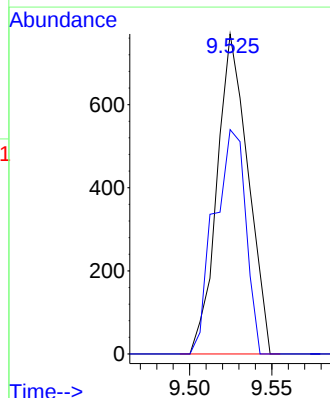
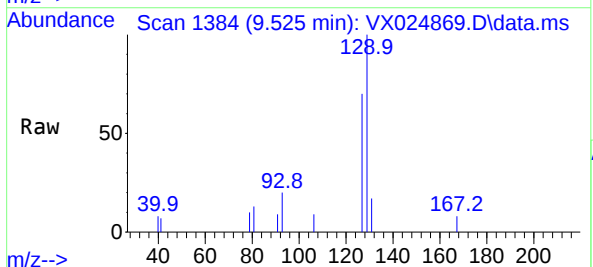
MMDadoda

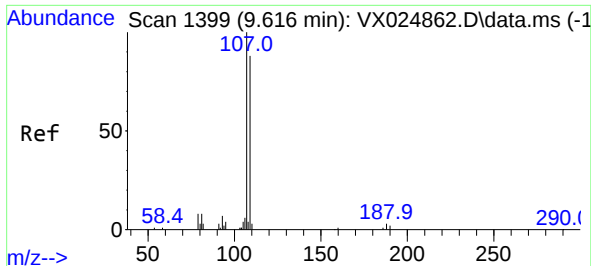
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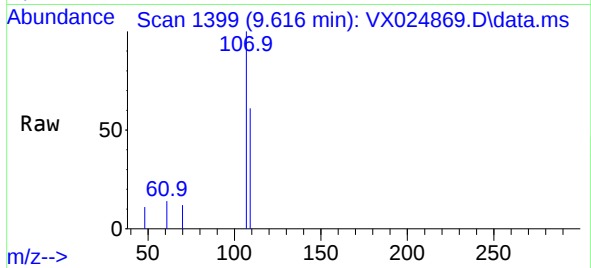
#49
Dibromochloromethane
Concen: 0.205 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:129	Resp:	1011	
Ion	Ratio	Lower	Upper
129	100		
127	70.1	52.5	97.5

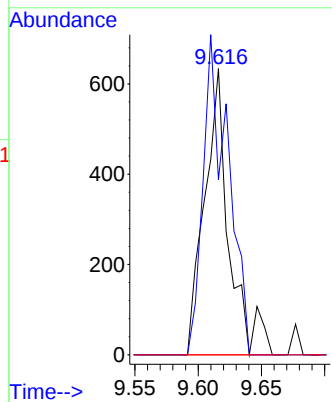
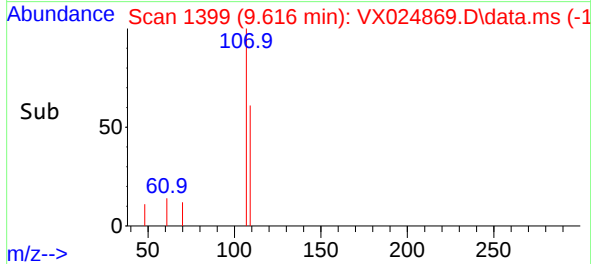




#50
1,2-Dibromoethane
Concen: 0.226 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



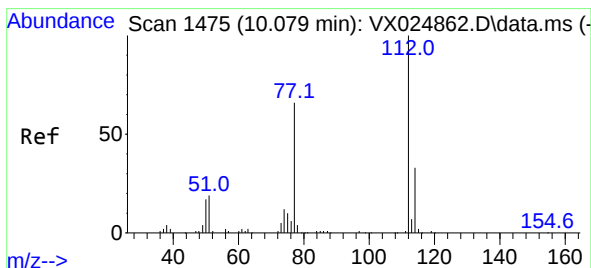
Tgt Ion:107 Resp: 854
Ion Ratio Lower Upper
107 100
109 61.2 61.7 114.7#
188 0.0 2.6 4.0#



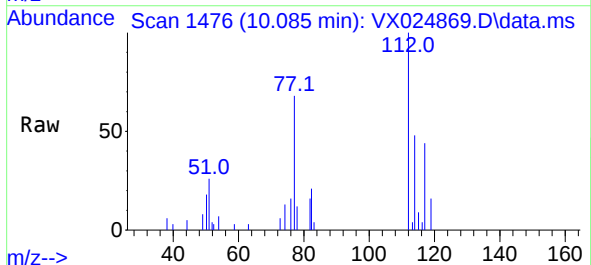
Instrument :
MSVOA_X
ClientSampled :
MDL02

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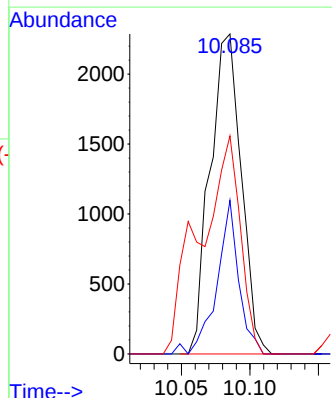
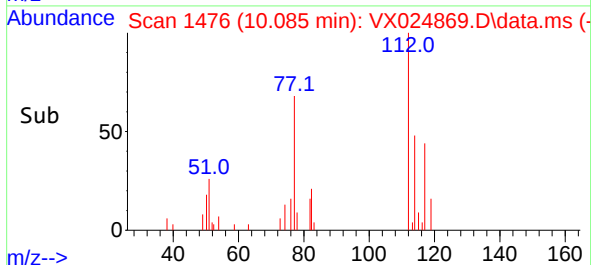
MMDadoda
10/25/2021 10:17:34 AM

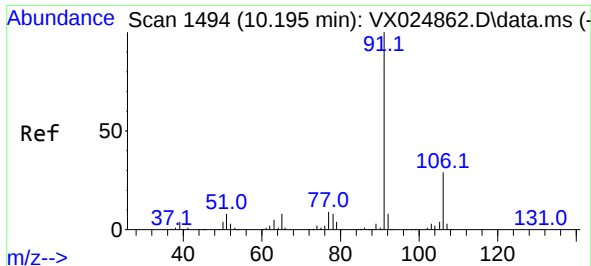


#51
Chlorobenzene
Concen: 0.254 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



Tgt Ion:112 Resp: 3616
Ion Ratio Lower Upper
112 100
114 48.0 22.8 42.4#
77 68.2 52.7 79.1





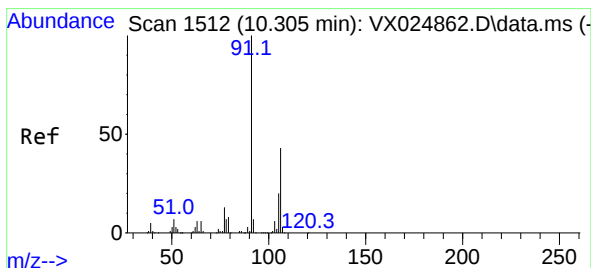
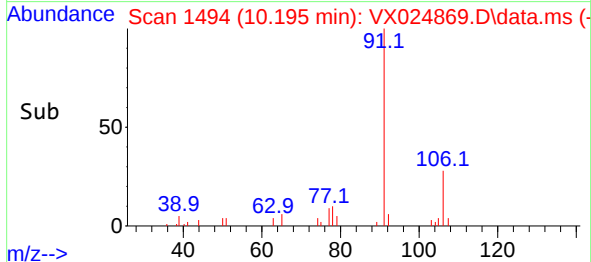
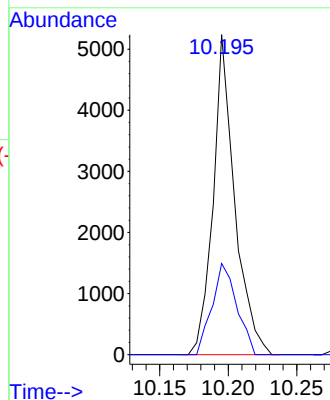
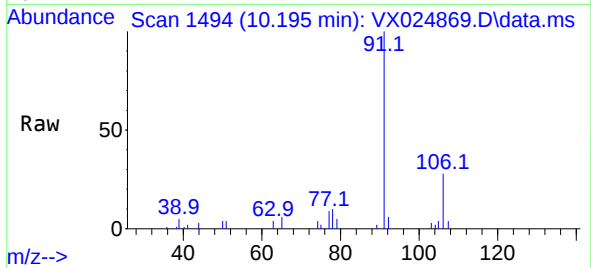
#52
Ethylbenzene
Concen: 0.217 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 91 Resp: 5739
Ion Ratio Lower Upper
91 100
106 28.5 20.1 37.3

Instrument :
MSVOA_X
ClientSampleId :
MDL02

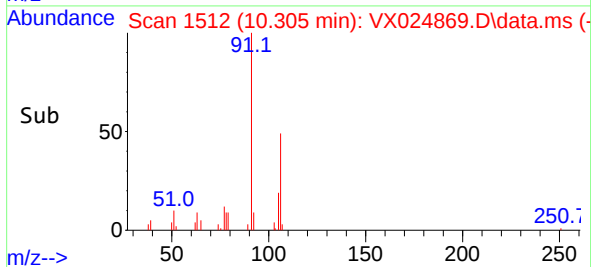
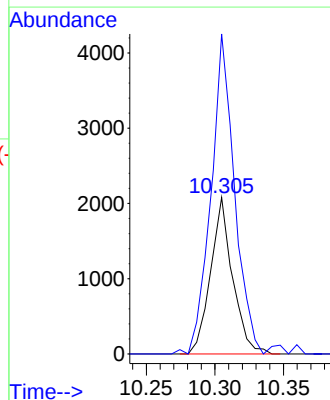
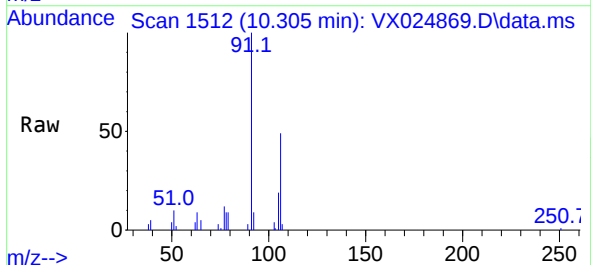
Manual Integrations
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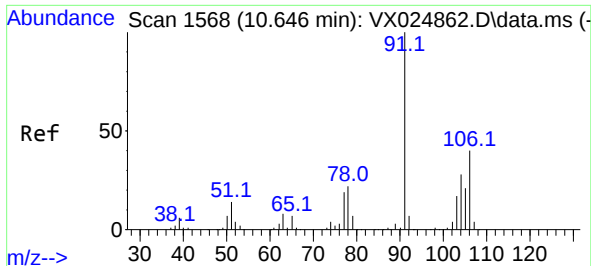
MMDadoda
10/25/2021 10:17:34 AM



#53
m,p-xylene
Concen: 0.247 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion: 106 Resp: 2316
Ion Ratio Lower Upper
106 100
91 204.5 161.7 300.3





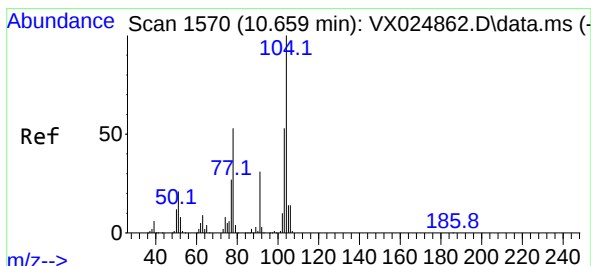
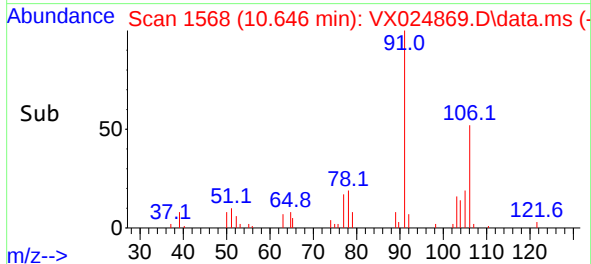
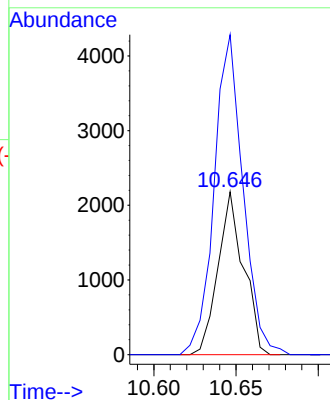
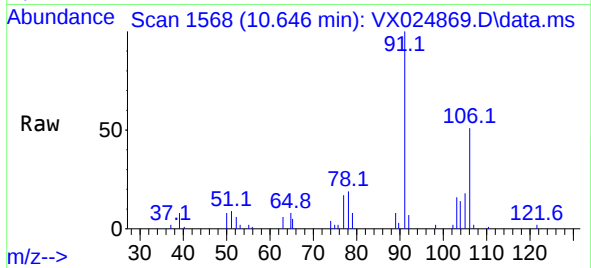
#54
o-xylene
Concen: 0.258 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:106 Resp: 2360
Ion Ratio Lower Upper
106 100
91 196.6 172.9 321.1

Instrument :
MSVOA_X
ClientSampleId :
MDL02

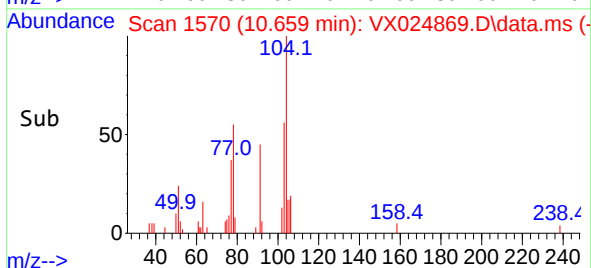
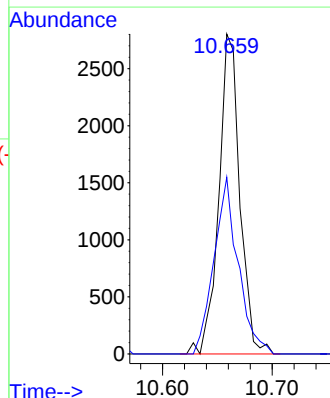
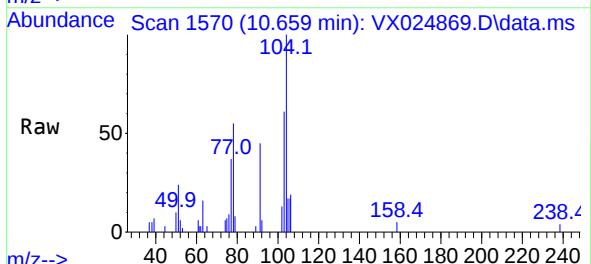
Manual Integrations
APPROVED

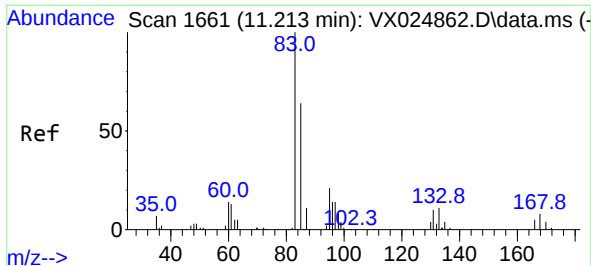
MMDadoda
10/25/2021 10:17:34 AM



#55
Styrene
Concen: 0.243 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:104 Resp: 3734
Ion Ratio Lower Upper
104 100
78 55.2 37.1 68.9





#57
1,1,2,2-Tetrachloroethane
Concen: 0.301 ug/L
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

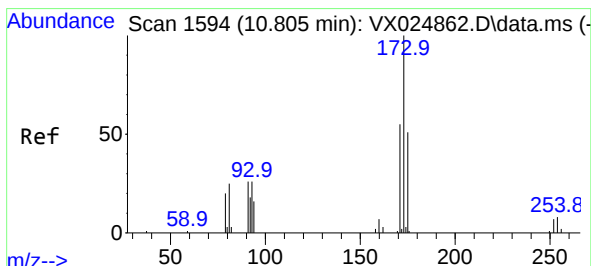
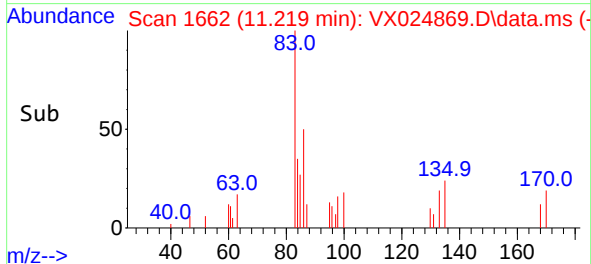
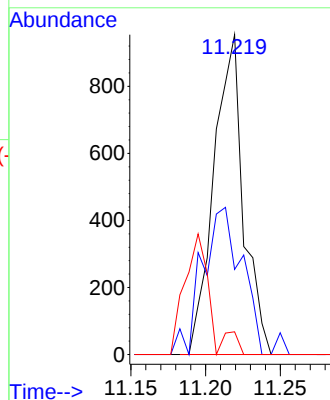
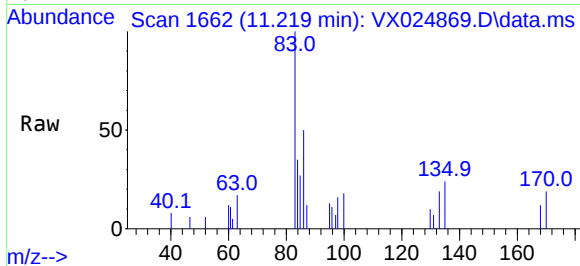
Tgt Ion: 83 Resp: 1309
Ion Ratio Lower Upper
83 100
85 26.6 44.9 83.5#
131 7.1 7.7 11.5#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

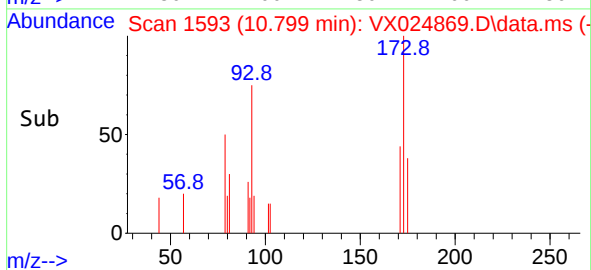
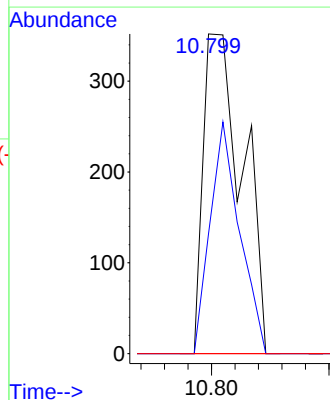
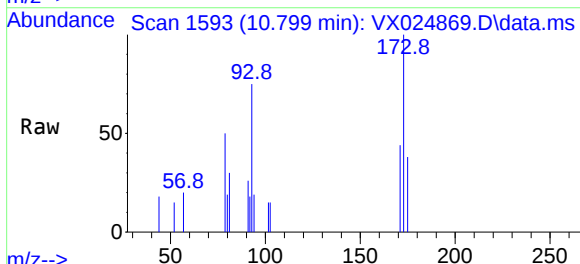
MMDadoda

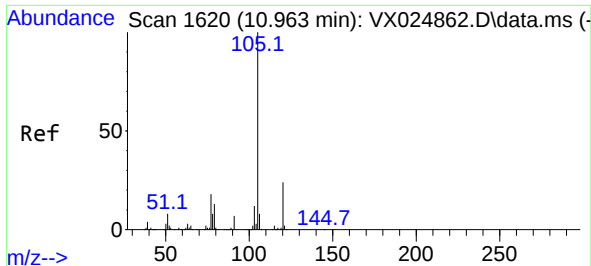
10/25/2021 10:17:34 AM



#59
Bromoform
Concen: 0.188 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:173 Resp: 410
Ion Ratio Lower Upper
173 100
175 54.1 38.4 57.6
254 0.0 4.6 7.0#





#60
Isopropylbenzene
Concen: 0.239 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

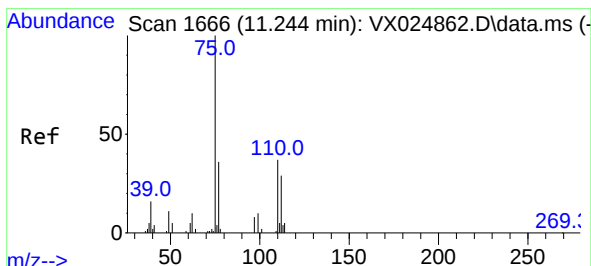
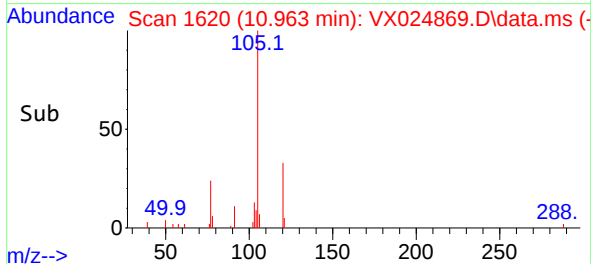
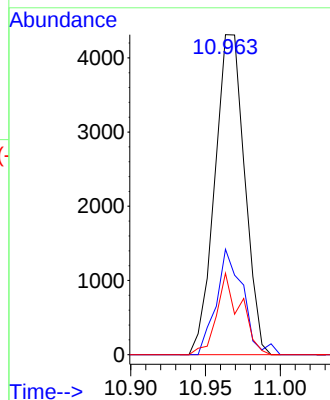
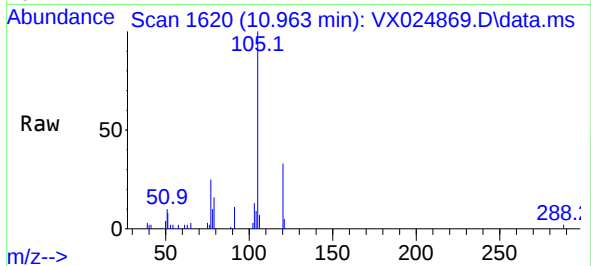
Tgt Ion:	105	Resp:	5988
Ion	Ratio	Lower	Upper
105	100		
120	29.6	19.0	28.6#
77	20.7	13.7	20.5#

Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

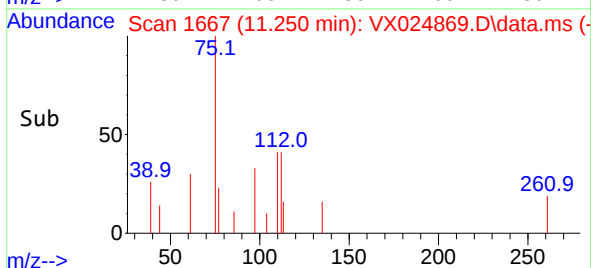
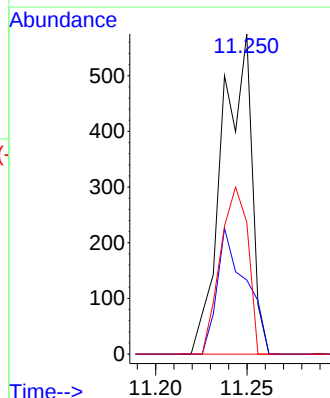
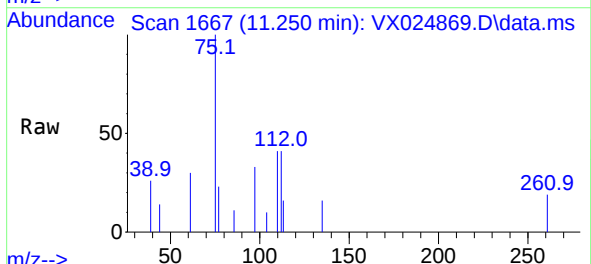
MMDadoda

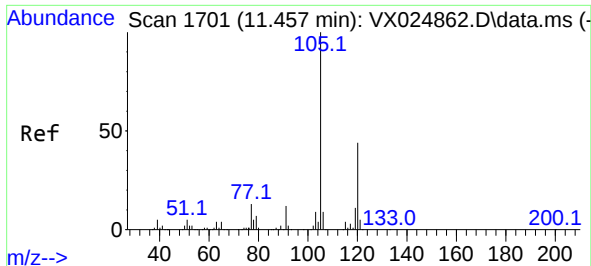
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#61
1,2,3-Trichloropropane
Concen: 0.212 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

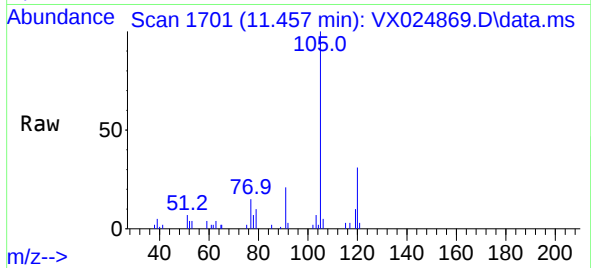
Tgt Ion:	75	Resp:	651
Ion	Ratio	Lower	Upper
75	100		
77	37.9	28.1	42.1
110	48.4	34.7	52.1





#62
1,3,5-Trimethylbenzene
Concen: 0.232 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

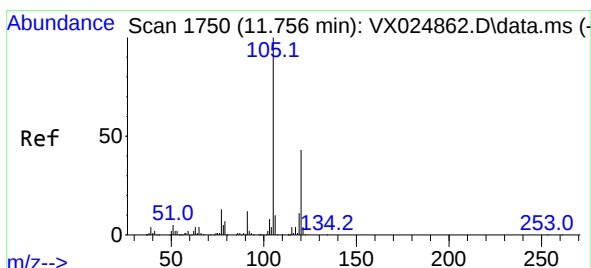
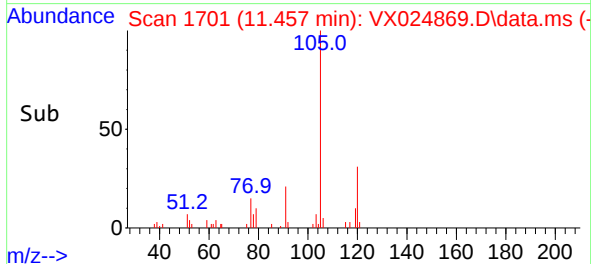
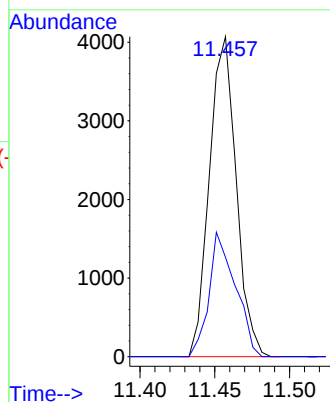
Instrument :
MSVOA_X
ClientSampleId :
MDL02



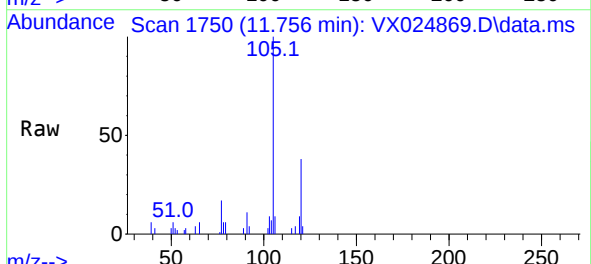
Tgt Ion:105 Resp: 5077
Ion Ratio Lower Upper
105 100
120 38.3 33.6 50.4

Manual Integrations
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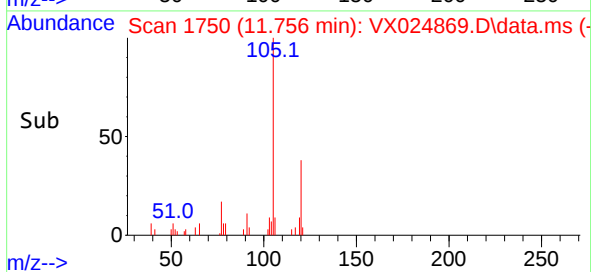
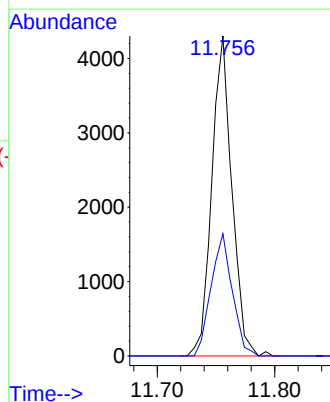
MMDadoda
10/25/2021 10:17:34 AM

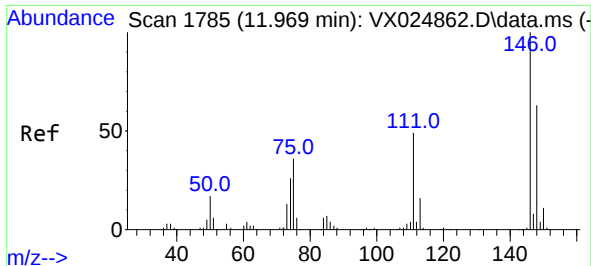


#63
1,2,4-Trimethylbenzene
Concen: 0.228 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



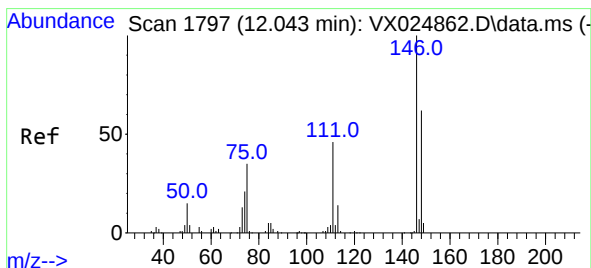
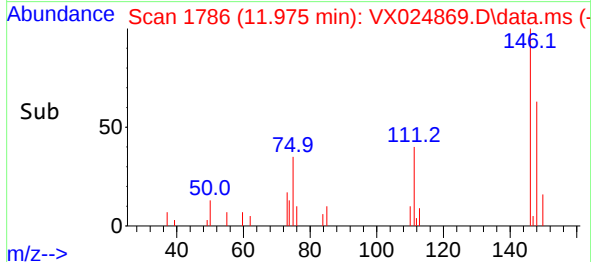
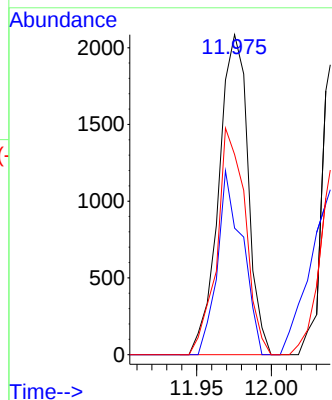
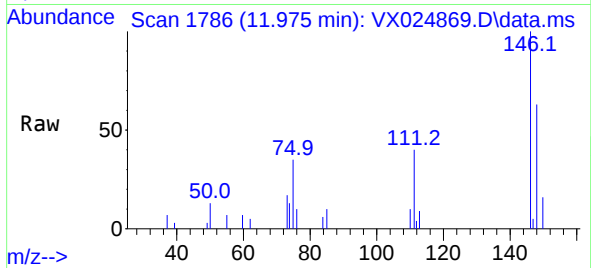
Tgt Ion:105 Resp: 5105
Ion Ratio Lower Upper
105 100
120 40.4 32.3 48.5





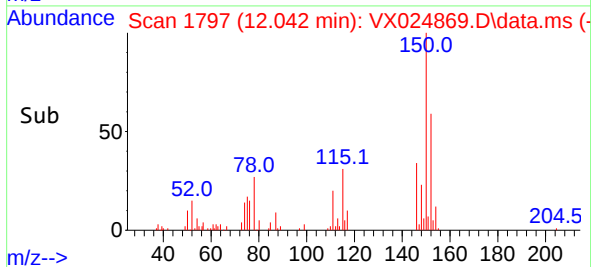
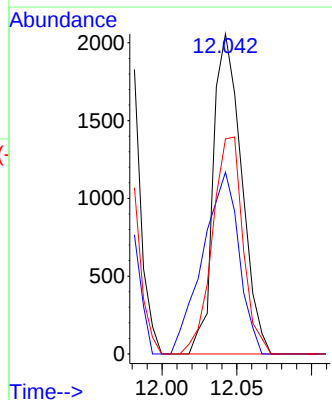
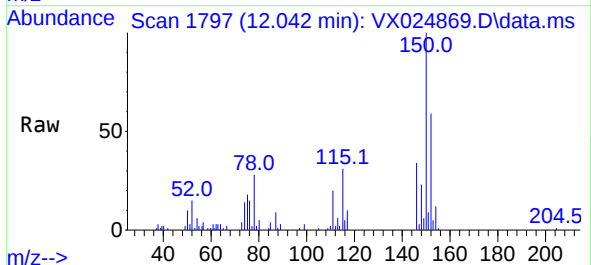
#64
1,3-Dichlorobenzene
Concen: 0.272 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:146 Resp: 2833
Ion Ratio Lower Upper
146 100
111 39.5 34.2 63.4
148 62.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 0.259 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

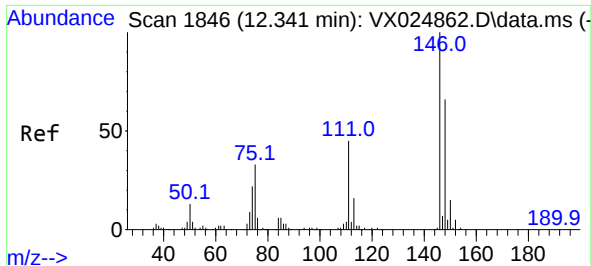
Tgt Ion:146 Resp: 2706
Ion Ratio Lower Upper
146 100
111 56.8 32.6 60.6
148 67.2 43.3 80.3



Instrument :
MSVOA_X
ClientSampled :
MDL02

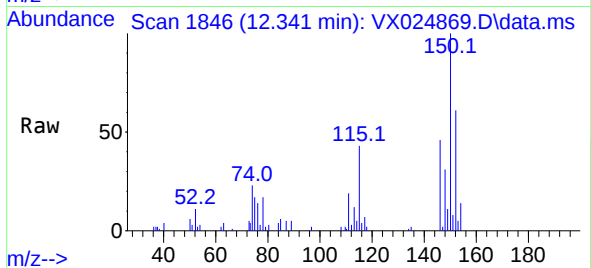
Manual Integrations
APPROVED

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#67
1,2-Dichlorobenzene
Concen: 0.251 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

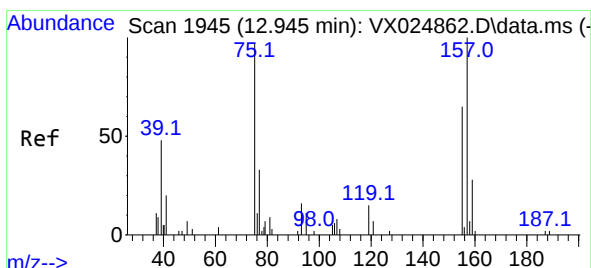
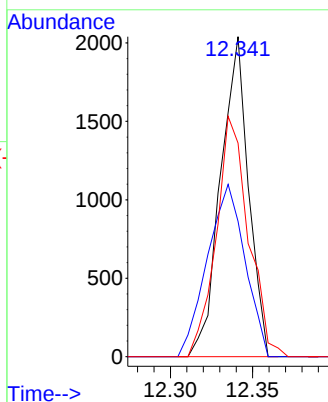
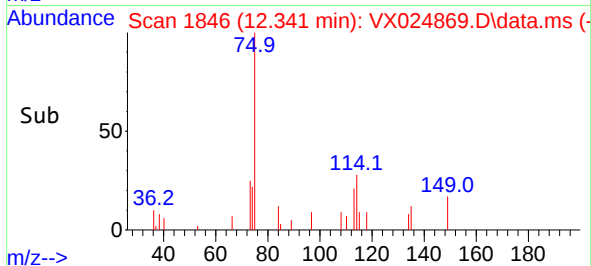
Instrument :
MSVOA_X
ClientSampled :
MDL02



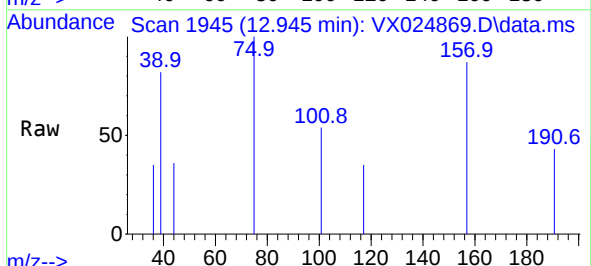
Tgt Ion:146 Resp: 2404
Ion Ratio Lower Upper
146 100
111 42.3 35.9 53.9
148 66.8 53.1 79.7

Manual Integrations
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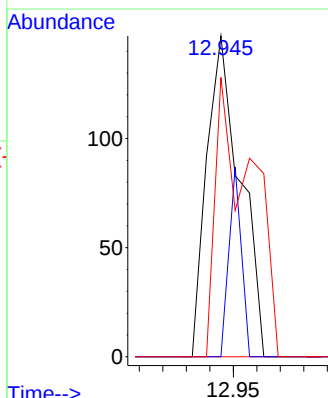
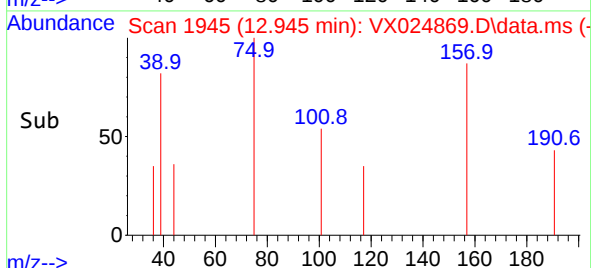
MMDadoda
10/25/2021 10:17:34 AM

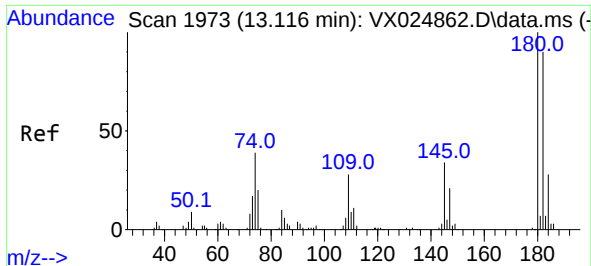


#68
1,2-Dibromo-3-chloropropane
Concen: 0.194 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

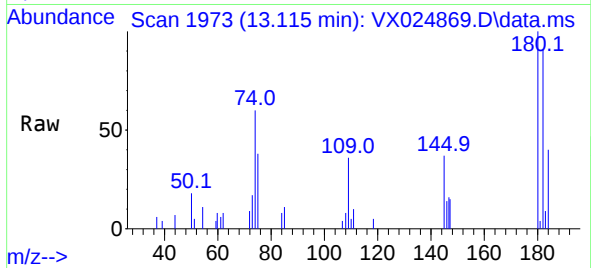


Tgt Ion: 75 Resp: 145
Ion Ratio Lower Upper
75 100
155 0.0 53.6 80.4#
157 87.1 82.2 123.4

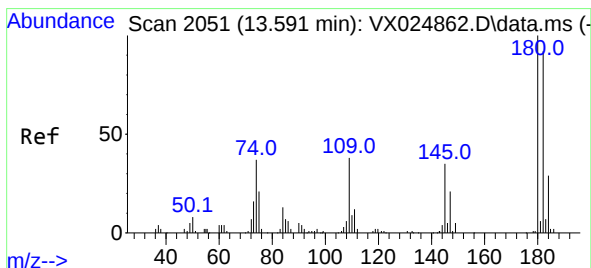
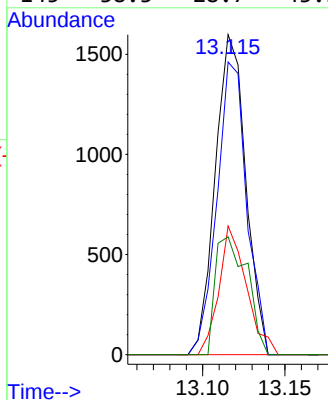
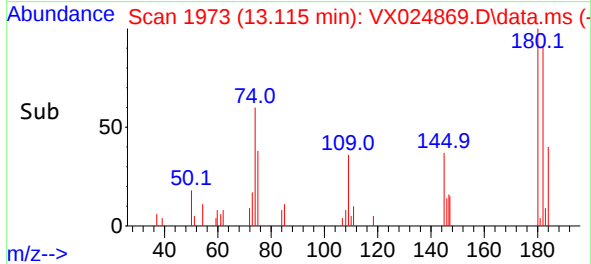




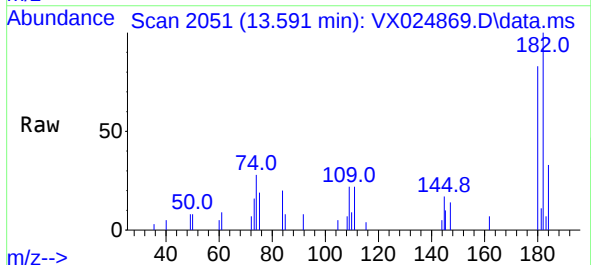
#69
1,3,5-Trichlorobenzene
Concen: 0.260 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



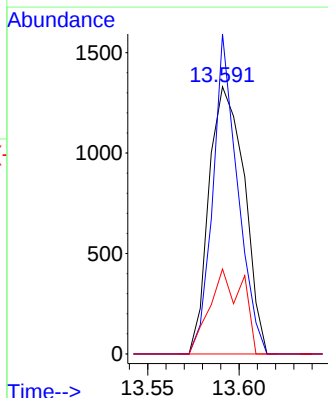
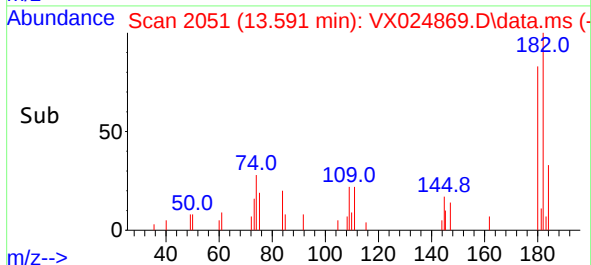
Tgt Ion:180 Resp: 2061
Ion Ratio Lower Upper
180 100
182 89.7 74.6 111.8
184 36.3 24.0 36.0#
145 38.3 28.7 43.1



#70
1,2,4-trichlorobenzene
Concen: 0.285 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14



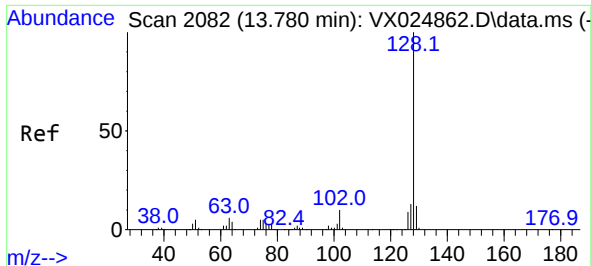
Tgt Ion:180 Resp: 1786
Ion Ratio Lower Upper
180 100
182 83.9 72.1 108.1
145 29.6 27.1 40.7



Instrument :
MSVOA_X
ClientSampled :
MDL02

Manual Integrations
APPROVED

MMDadoda
10/25/2021 10:17:34 AM



#71
Naphthalene
Concen: 0.199 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

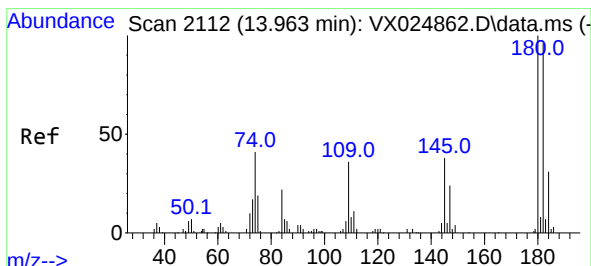
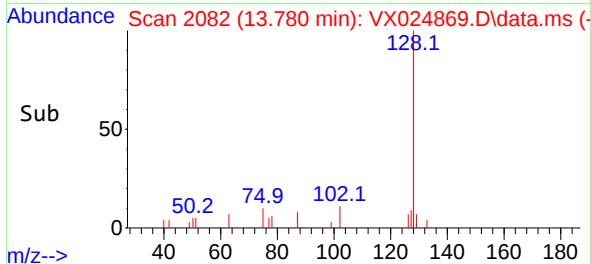
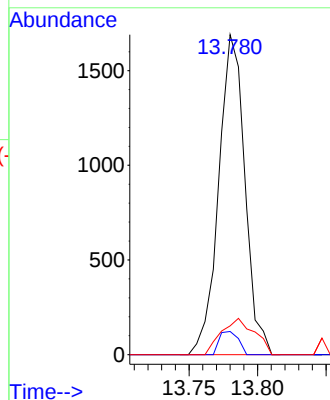
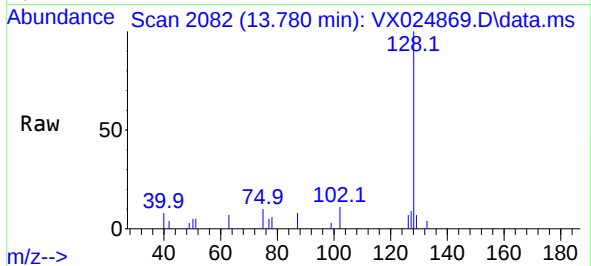
Tgt Ion:128 Resp: 2248
Ion Ratio Lower Upper
128 100
129 5.2 9.7 14.5#
127 14.3 10.6 15.8

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations
APPROVED

MMDadoda

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#72
1,2,3-Trichlorobenzene
Concen: 0.232 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX024869.D
Acq: 22 Oct 2021 14:14

Tgt Ion:180 Resp: 1306
Ion Ratio Lower Upper
180 100
182 96.6 77.1 115.7
145 49.9 29.4 44.0#

