

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021924.D
 Acq On : 12 May 2021 14:03
 Operator : JC/MD
 Sample : M2250-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 10:21:29 AM

Quant Time: May 13 01:12:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	83962	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	75886	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34503	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30553	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.672	69	24039	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.306	63	41297	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.477	46	65622	39.94	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.88%
24) Chloroform-d	5.062	84	49631	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.964	65	25880	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.976	84	113253	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	7.312	67	33504	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	8.653	98	105736	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	8.952	79	14289	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	9.384	63	56319	38.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.08%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22840	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	31999	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1898	0.25	ug/L	99
3) Chloromethane	1.288	50	1912	0.25	ug/L	88
5) Vinyl chloride	1.374	62	2156	0.26	ug/L	99
6) Bromomethane	1.617	94	1060	0.24	ug/L	97
8) Chloroethane	1.691	64	1322	0.27	ug/L	95
9) Trichlorofluoromethane	1.886	101	2819	0.26	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1812	0.29	ug/L	95
12) 1,1-Dichloroethene	2.319	96	1728	0.29	ug/L #	1
13) Acetone	2.422	43	3069	3.65	ug/L	72
14) Carbon disulfide	2.514	76	4636	0.24	ug/L #	94
15) Methyl Acetate	2.709	43	970	0.36	ug/L #	57
16) Methylene chloride	2.794	84	10742	1.29	ug/L	97
17) Methyl tert-butyl Ether	3.117	73	3591	0.24	ug/L #	80
18) trans-1,2-Dichloroethene	3.087	96	1764	0.27	ug/L	81
19) 1,1-Dichloroethane	3.611	63	2881	0.26	ug/L	98
21) 2-Butanone	4.586	43	4457	2.88	ug/L	98
22) cis-1,2-Dichloroethene	4.489	96	1754	0.25	ug/L	96
23) Bromochloromethane	4.891	128	598	0.22	ug/L #	76
25) Chloroform	5.099	83	6780	0.58	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	1791	0.26	ug/L	96
29) 1,1,1-Trichloroethane	5.397	97	2705	0.26	ug/L	98
30) Cyclohexane	5.470	56	2991	0.27	ug/L	97
31) Carbon tetrachloride	5.690	117	2466m	0.28	ug/L	
33) Benzene	6.044	78	6691	0.26	ug/L	100
34) Trichloroethene	7.129	95	1830	0.27	ug/L	92
35) Methylcyclohexane	7.385	83	2907	0.25	ug/L	95
37) 1,2-Dichloropropane	7.434	63	1531	0.24	ug/L #	85
38) Bromodichloromethane	7.830	83	2083	0.25	ug/L #	79
39) cis-1,3-Dichloropropene	8.372	75	2347	0.24	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	9865	2.49	ug/L #	88
42) Toluene	8.720	91	8078	0.29	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	2666	0.32	ug/L	91
45) 1,1,2-Trichloroethane	9.153	97	1105	0.25	ug/L	97
47) Tetrachloroethene	9.269	164	1105	0.24	ug/L	85
48) 2-Hexanone	9.433	43	7822	2.83	ug/L	97
49) Dibromochloromethane	9.525	129	1185	0.23	ug/L	87
50) 1,2-Dibromoethane	9.610	107	927	0.23	ug/L #	74
51) Chlorobenzene	10.079	112	4408	0.26	ug/L	95
52) Ethylbenzene	10.195	91	7564	0.24	ug/L	96
53) m,p-xylene	10.305	106	3017	0.25	ug/L	97
54) o-xylene	10.646	106	2759	0.24	ug/L	97
55) Styrene	10.659	104	4381	0.23	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	1407	0.27	ug/L	98
59) Bromoform	10.799	173	588	0.25	ug/L #	88
60) Isopropylbenzene	10.963	105	7503	0.26	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	1098	0.31	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	6214	0.25	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	6583	0.26	ug/L	92
64) 1,3-Dichlorobenzene	11.975	146	3185	0.26	ug/L	85
65) 1,4-Dichlorobenzene	12.042	146	3070	0.26	ug/L	92
67) 1,2-Dichlorobenzene	12.341	146	2823	0.26	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.951	75	222	0.26	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.115	180	2080	0.24	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	1825	0.25	ug/L	91
71) Naphthalene	13.780	128	3514	0.22	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1642	0.25	ug/L	90

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

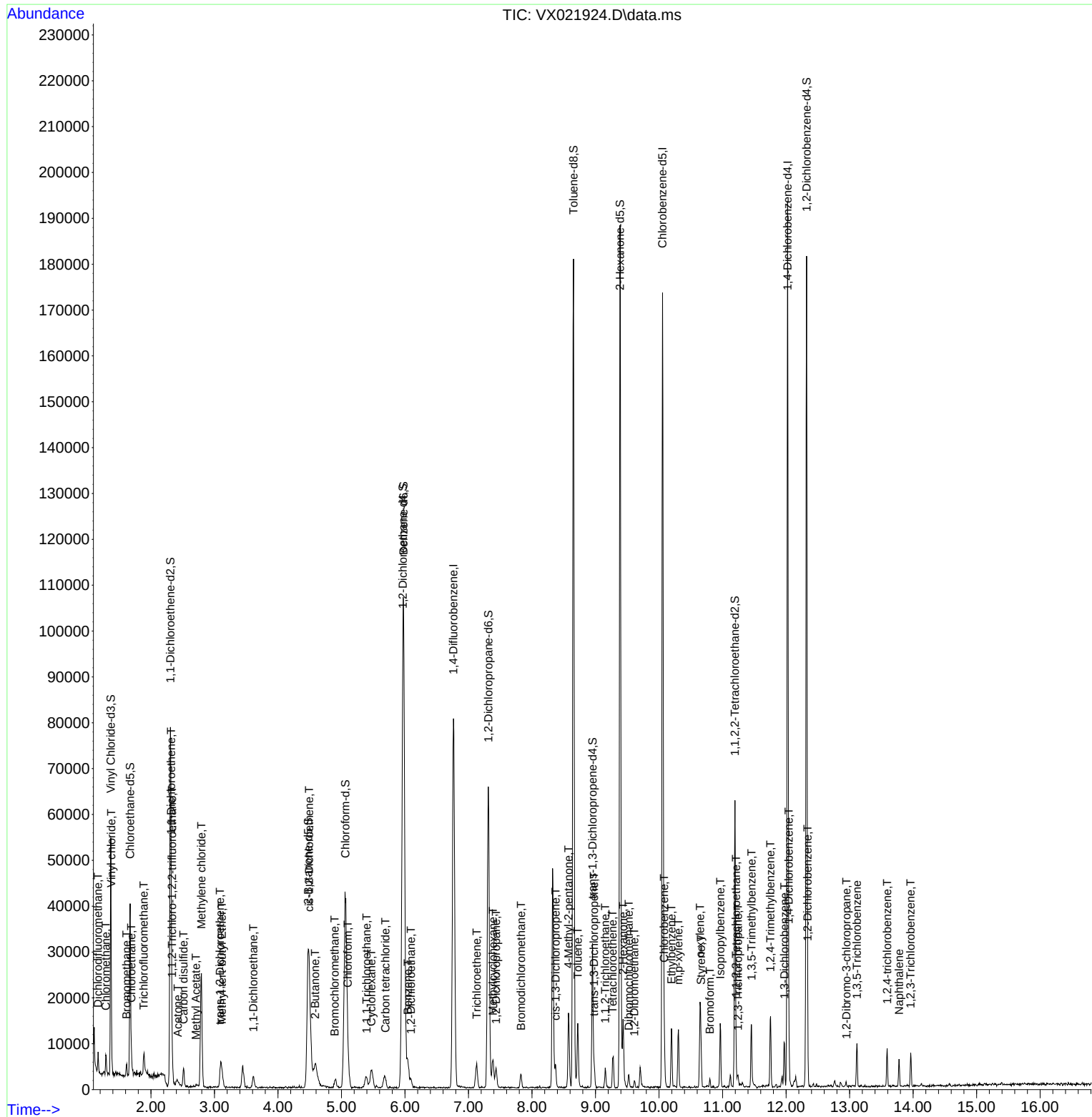
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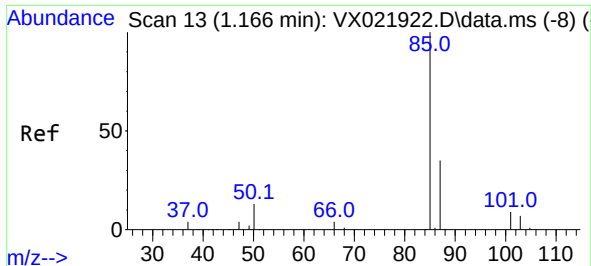
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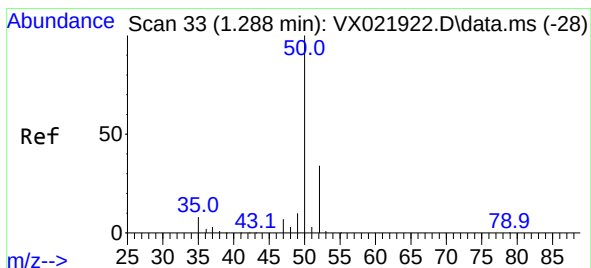
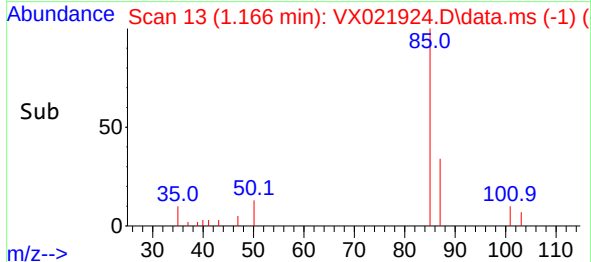
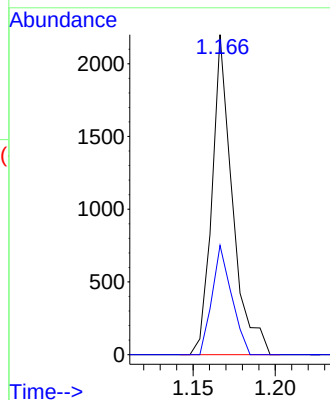
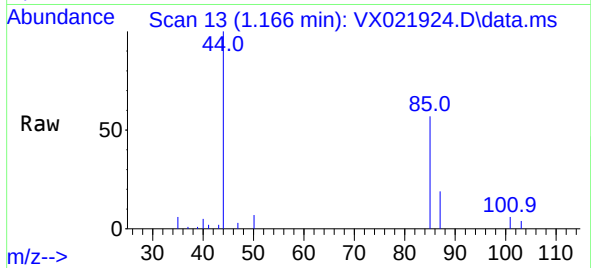
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Dichlorodifluoromethane
Concen: 0.25 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 85 Resp: 1898
Ion Ratio Lower Upper
85 100
87 32.6 26.4 39.6

Instrument :
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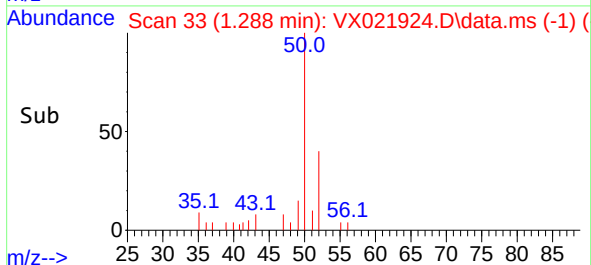
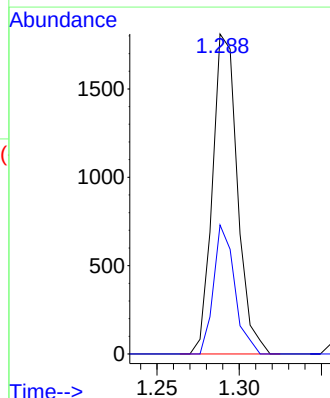
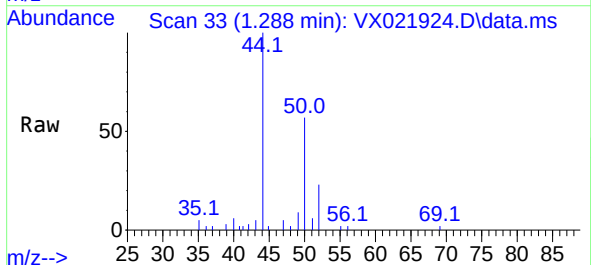
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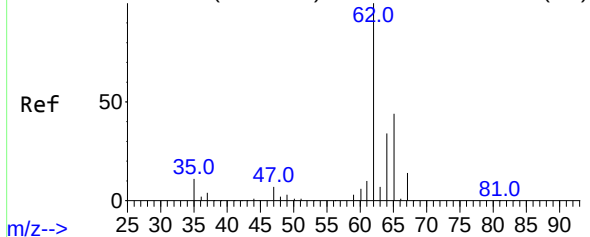


#3
Chloromethane
Concen: 0.25 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 50 Resp: 1912
Ion Ratio Lower Upper
50 100
52 40.3 23.3 43.3



Abundance Scan 47 (1.373 min): VX021922.D\data.ms (-42)



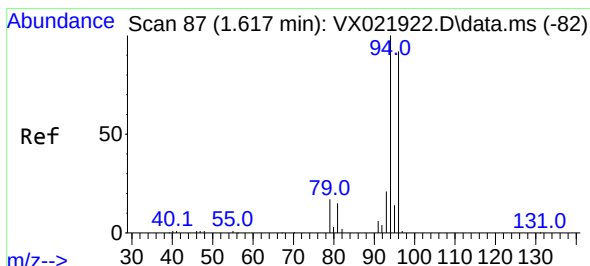
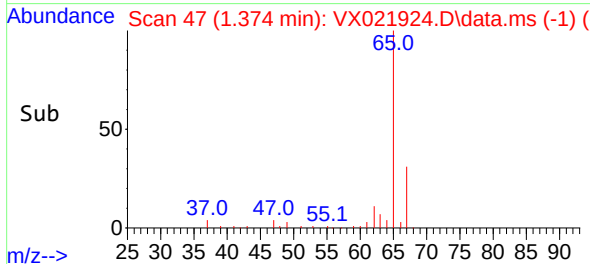
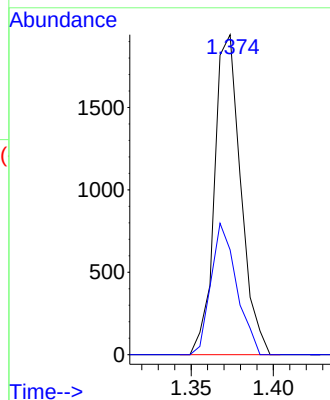
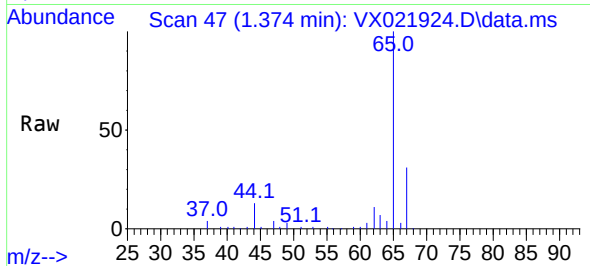
#5
Vinyl chloride
Concen: 0.26 ug/L
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 62 Resp: 2156
Ion Ratio Lower Upper
62 100
64 32.7 22.7 42.1

Instrument :
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ClientSampleId :
MDL-WATER-QT3-2021-06

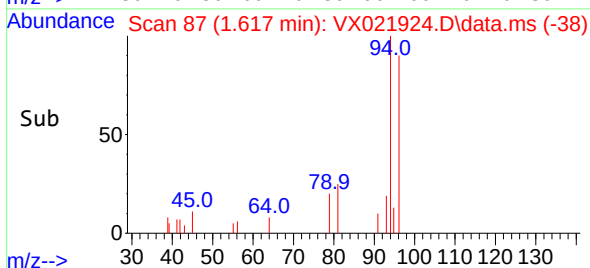
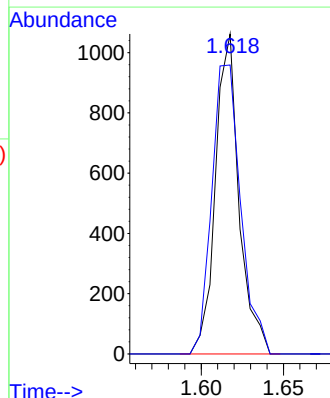
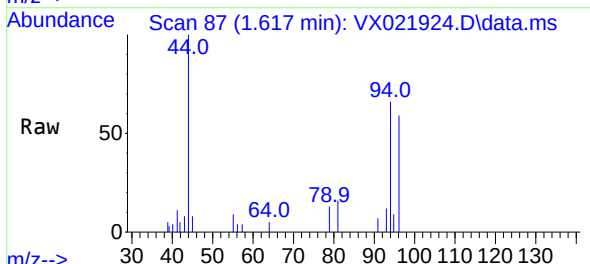
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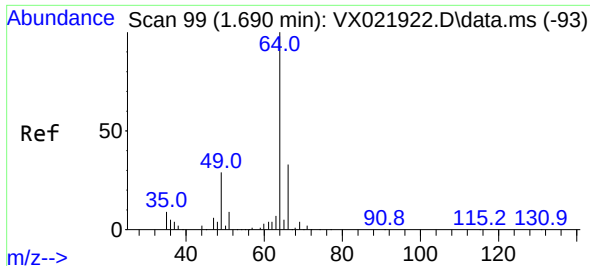
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#6
Bromomethane
Concen: 0.24 ug/L
RT: 1.617 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 94 Resp: 1060
Ion Ratio Lower Upper
94 100
96 90.3 65.3 121.3





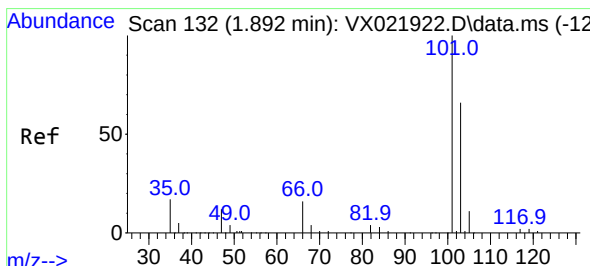
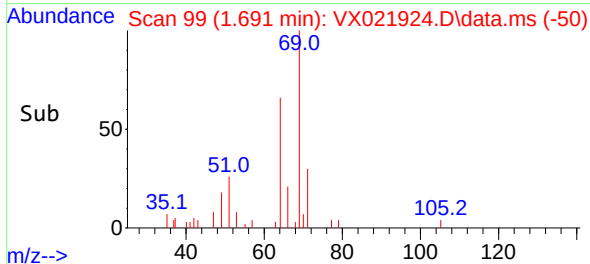
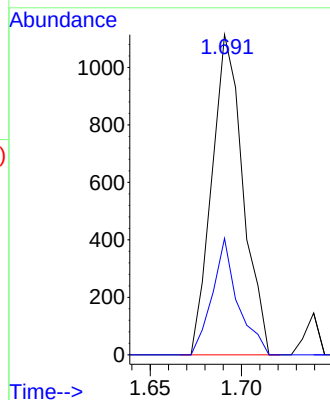
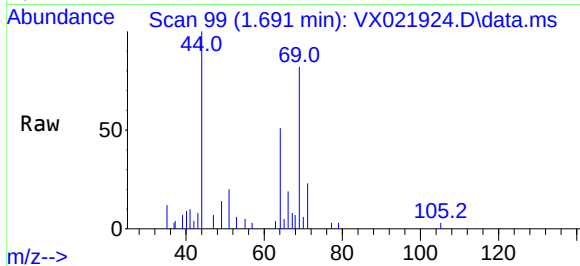
#8
Chloroethane
Concen: 0.27 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 64 Resp: 1322
Ion Ratio Lower Upper
64 100
66 36.4 23.6 43.8

Instrument :
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ClientSampleId :
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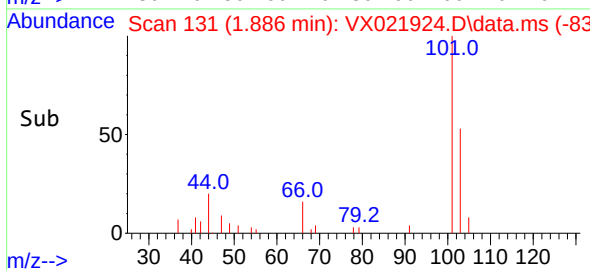
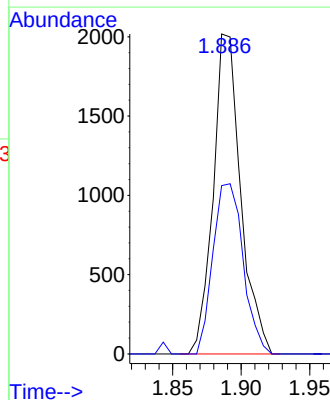
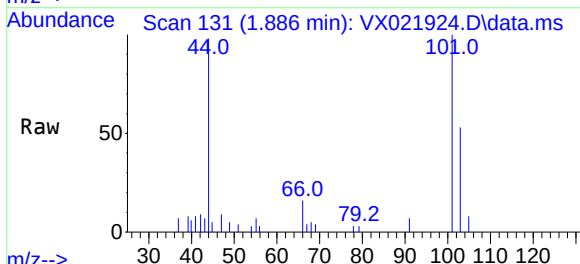
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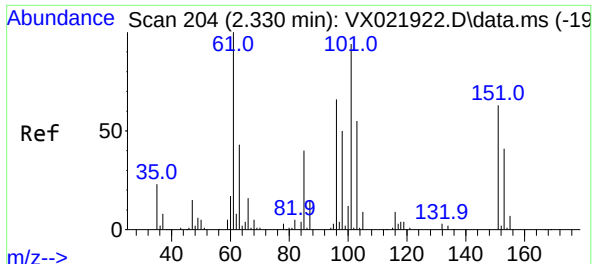
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#9
Trichlorofluoromethane
Concen: 0.26 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 101 Resp: 2819
Ion Ratio Lower Upper
101 100
103 58.2 52.6 79.0





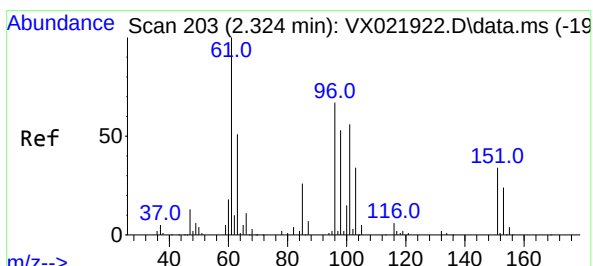
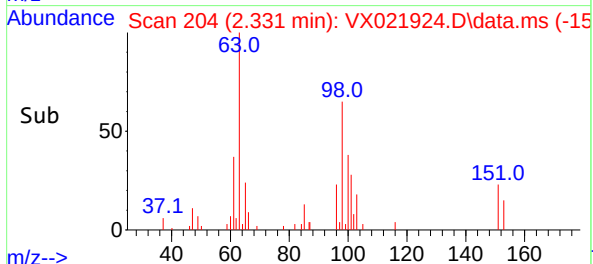
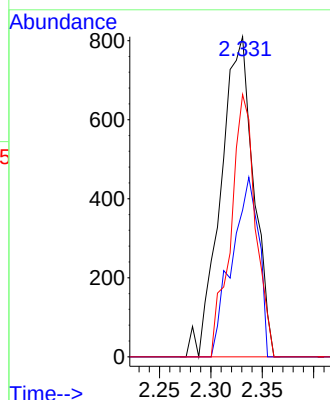
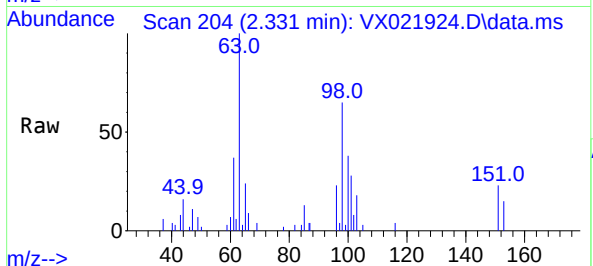
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.29 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 101 Resp: 1812
Ion Ratio Lower Upper
101 100
85 45.7 35.5 53.3
151 61.5 53.4 80.2

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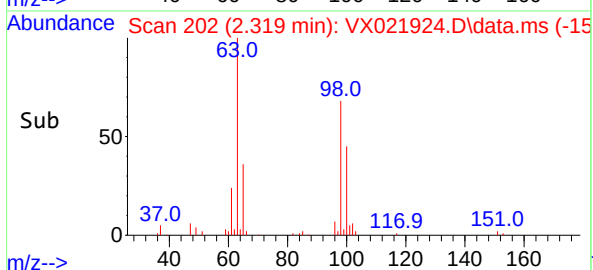
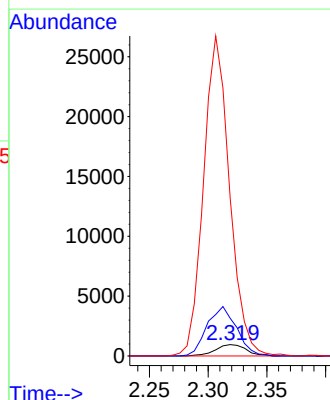
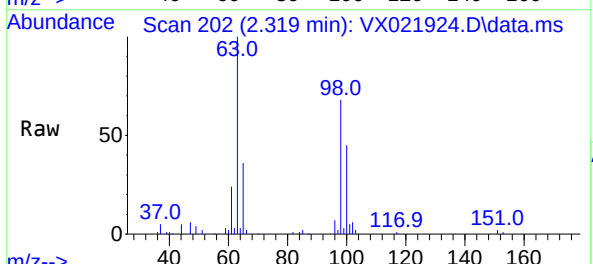
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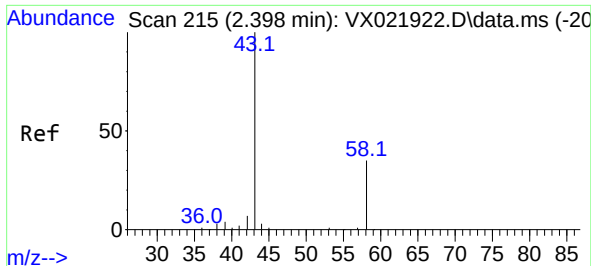
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#12
1,1-Dichloroethene
Concen: 0.29 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 96 Resp: 1728
Ion Ratio Lower Upper
96 100
61 333.8 106.3 197.3#
63 1405.2 65.0 120.8#





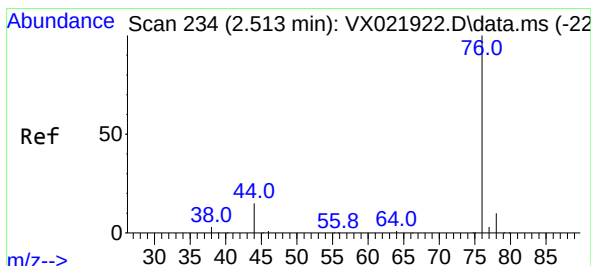
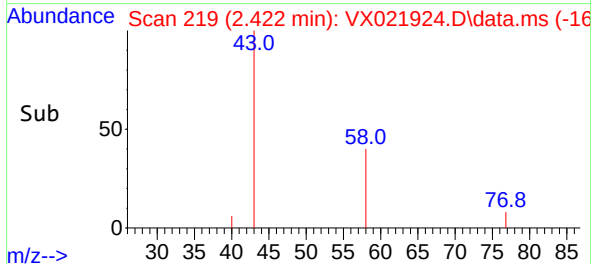
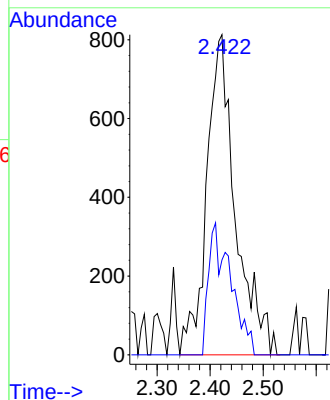
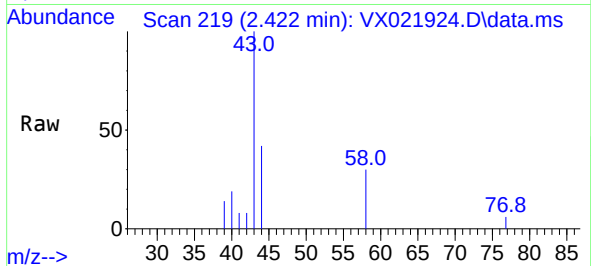
#13
Acetone
Concen: 3.65 ug/L
RT: 2.422 min Scan# 219
Delta R.T. 0.025 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 43 Resp: 3069
Ion Ratio Lower Upper
43 100
58 17.2 0.0 66.4

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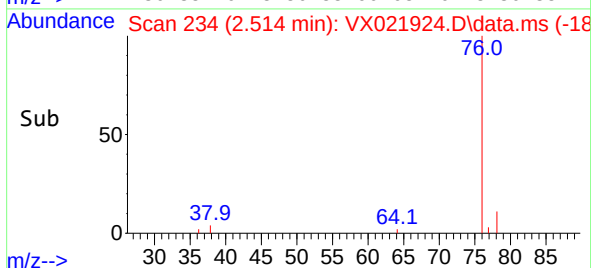
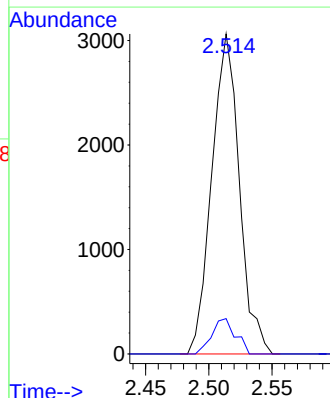
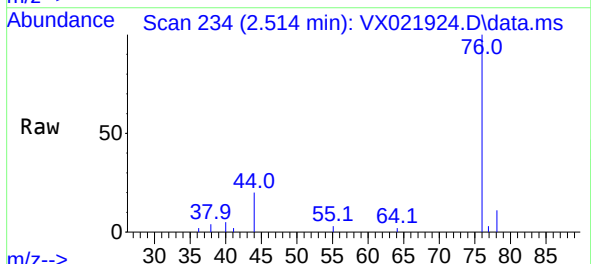
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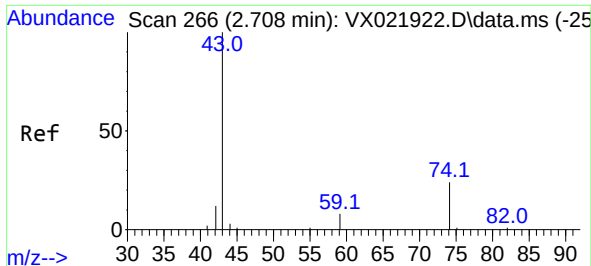
MMDadoda
5/13/2021 10:21:29 AM



#14
Carbon disulfide
Concen: 0.24 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 76 Resp: 4636
Ion Ratio Lower Upper
76 100
78 11.0 7.1 10.7#





#15

Methyl Acetate

Concen: 0.36 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX021924.D

Acq: 12 May 2021 14:03

Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

74 2.4 18.7 28.1#

Instrument :

MSVOA_X

ClientSampleId :

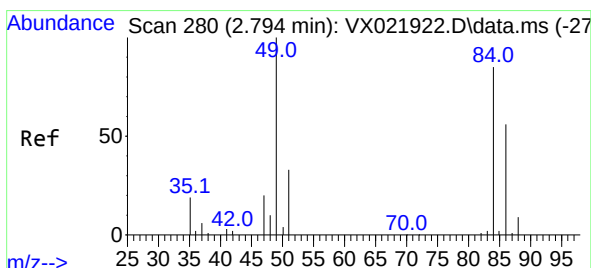
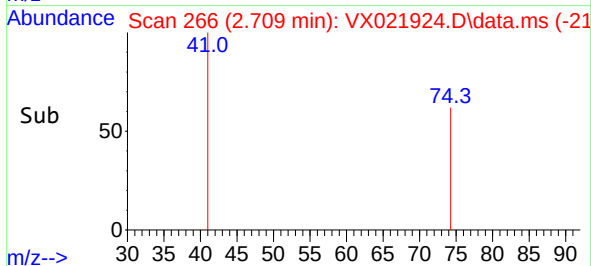
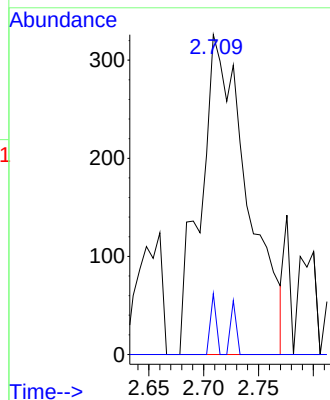
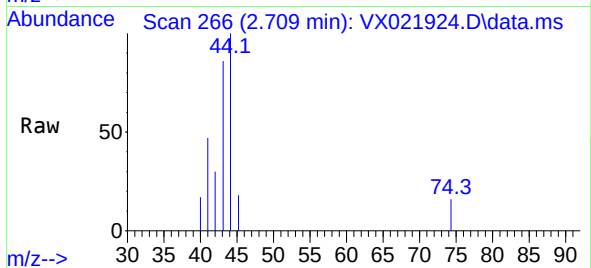
MDL-WATER-QT3-2021-06

Manual Integrations

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#16

Methylene chloride

Concen: 1.29 ug/L

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX021924.D

Acq: 12 May 2021 14:03

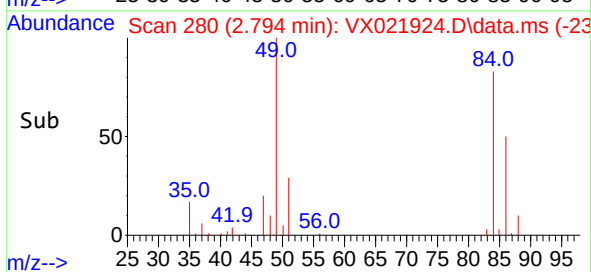
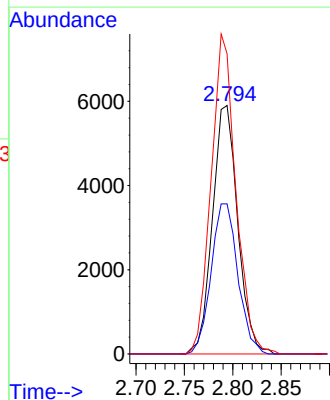
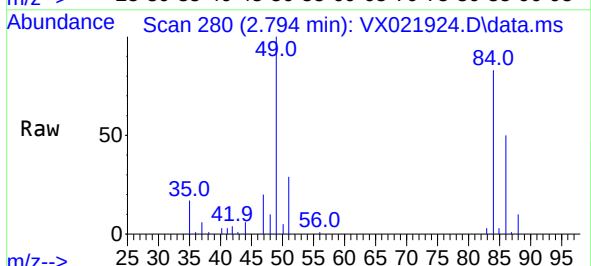
Tgt Ion: 84 Resp: 10742

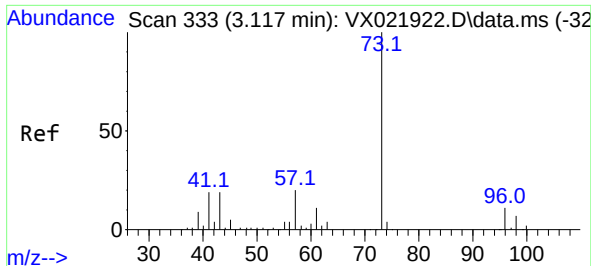
Ion Ratio Lower Upper

84 100

86 60.4 46.3 86.1

49 120.8 84.4 156.7





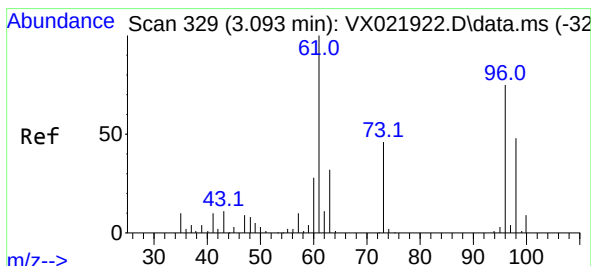
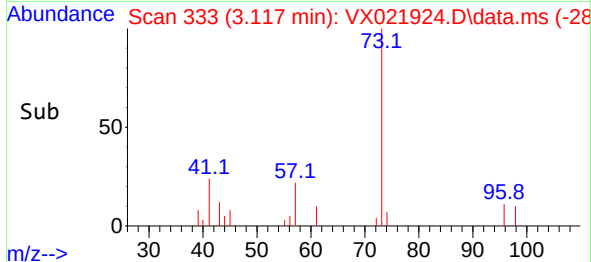
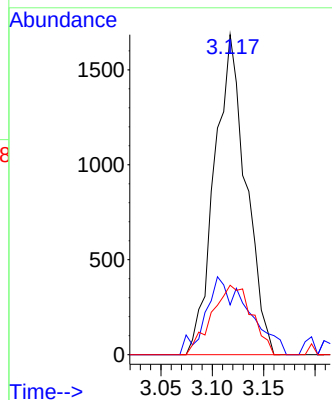
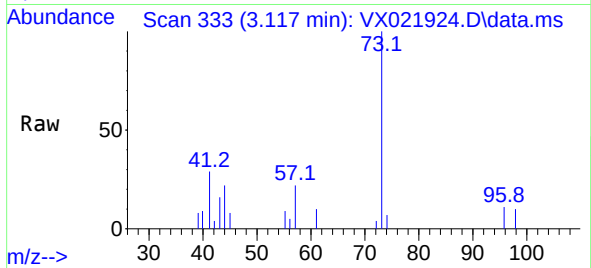
#17
Methyl tert-butyl Ether
Concen: 0.24 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 73 Resp: 3591
Ion Ratio Lower Upper
73 100
43 33.0 16.5 24.7#
57 27.6 17.1 25.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

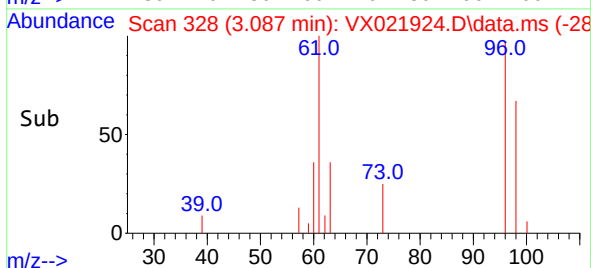
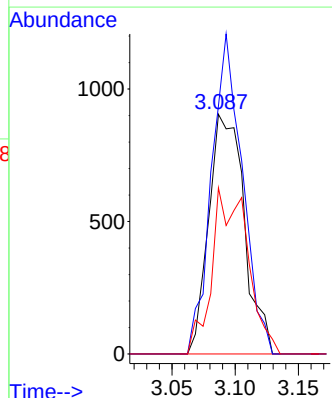
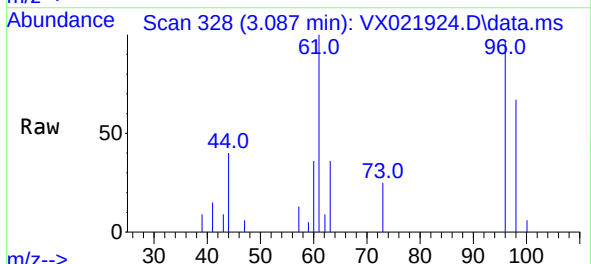
Manual Integrations
APPROVED

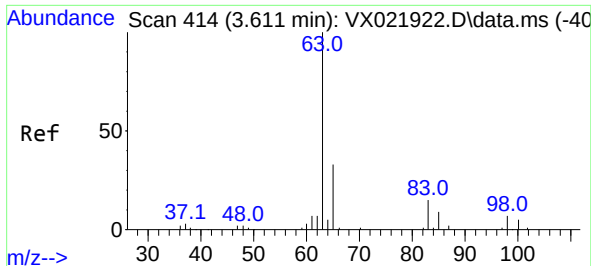
MMDadoda
5/13/2021 10:21:29 AM



#18
trans-1,2-Dichloroethene
Concen: 0.27 ug/L
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 96 Resp: 1764
Ion Ratio Lower Upper
96 100
61 103.4 93.0 172.8
98 69.3 44.8 83.2





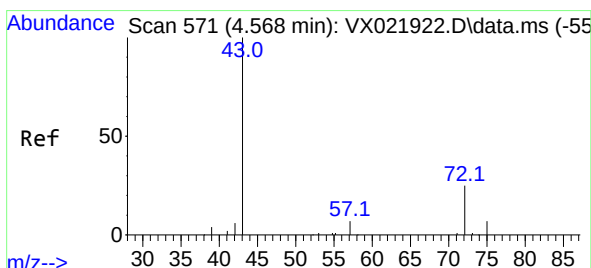
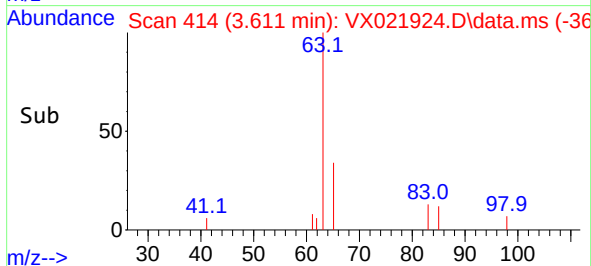
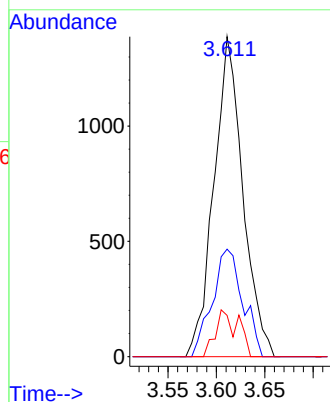
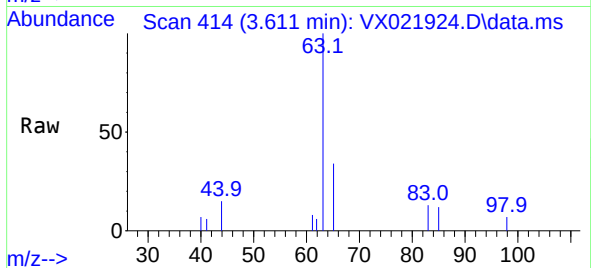
#19
1,1-Dichloroethane
Concen: 0.26 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	63	Resp:	2881
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.5	41.9
83	12.9	8.7	16.1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

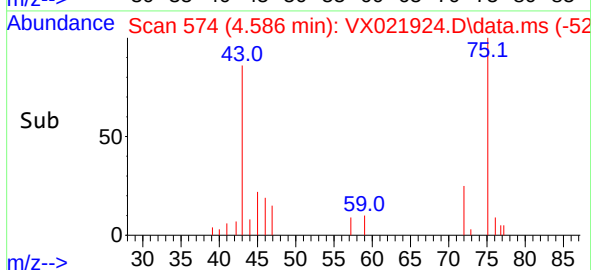
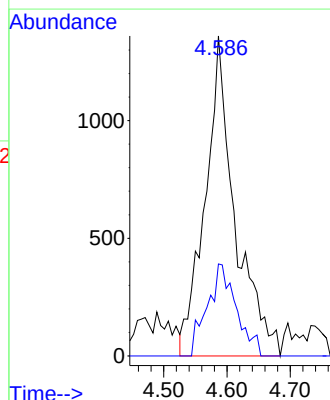
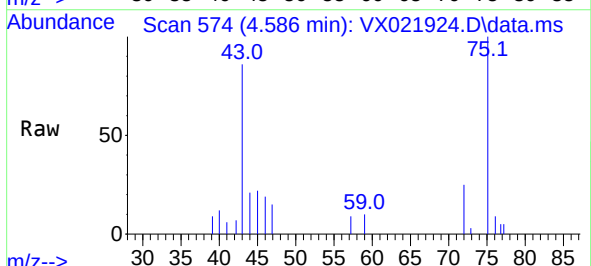
Manual Integrations
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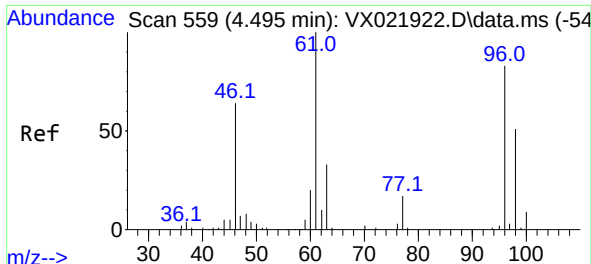
MMDadoda
5/13/2021 10:21:29 AM



#21
2-Butanone
Concen: 2.88 ug/L
RT: 4.586 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	43	Resp:	4457
Ion	Ratio	Lower	Upper
43	100		
72	27.9	14.4	43.2





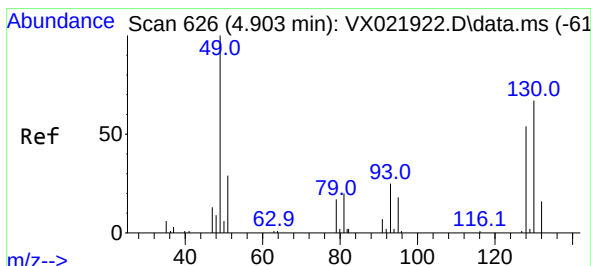
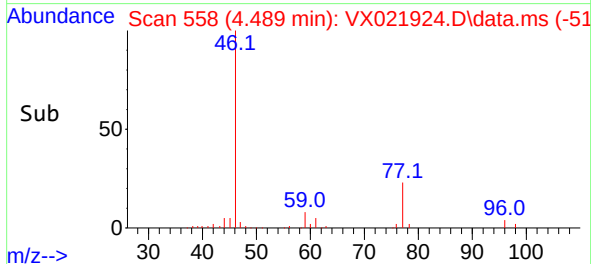
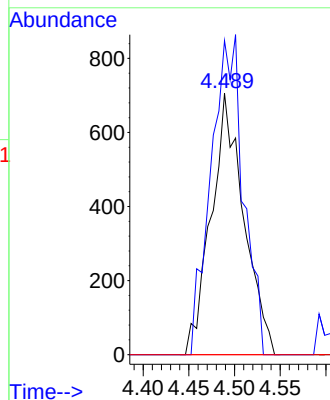
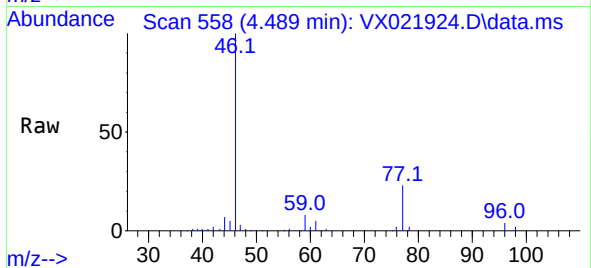
#22
 cis-1,2-Dichloroethene
 Concen: 0.25 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX021924.D
 Acq: 12 May 2021 14:03

Tgt Ion:	96	Resp:	1754
Ion	Ratio	Lower	Upper
96	100		
61	120.1	80.9	150.3
68	0.0	0.0	0.0

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-06

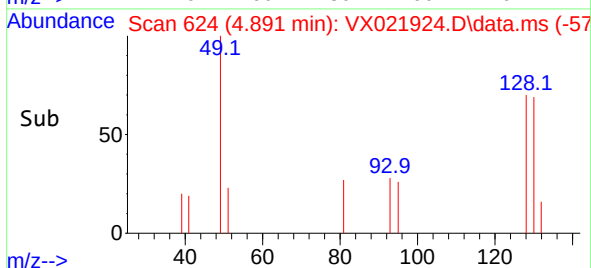
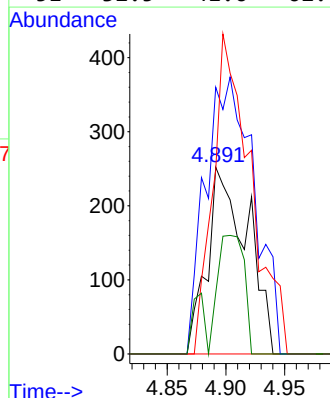
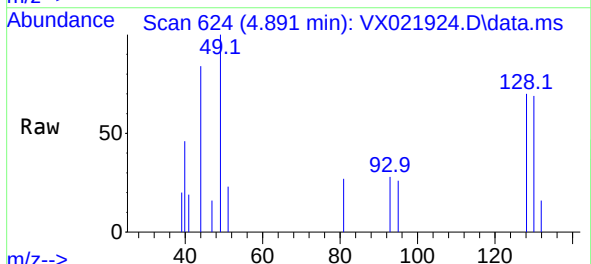
Manual Integrations
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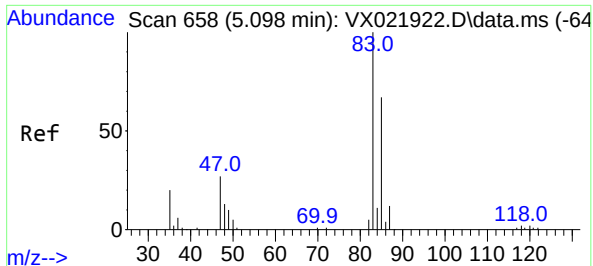
MMDadoda
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#23
 Bromochloromethane
 Concen: 0.22 ug/L
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX021924.D
 Acq: 12 May 2021 14:03

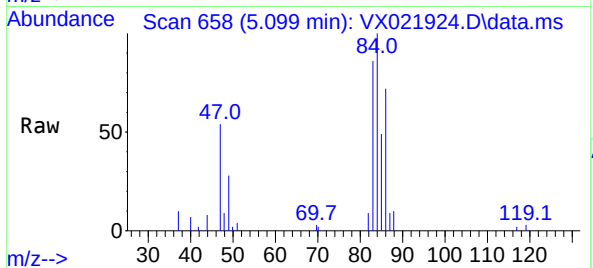
Tgt Ion:	128	Resp:	598
Ion	Ratio	Lower	Upper
128	100		
49	142.9	121.9	226.3
130	98.4	87.7	162.9
51	32.5	41.6	62.4





#25
Chloroform
Concen: 0.58 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

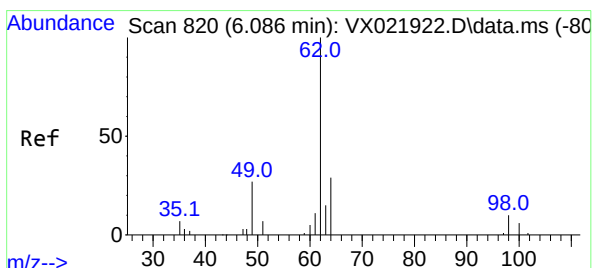
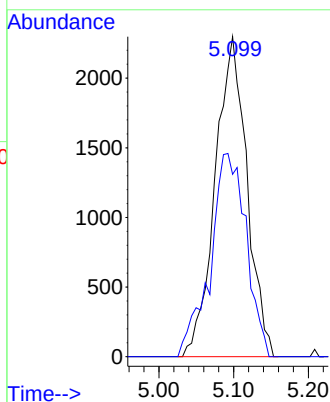
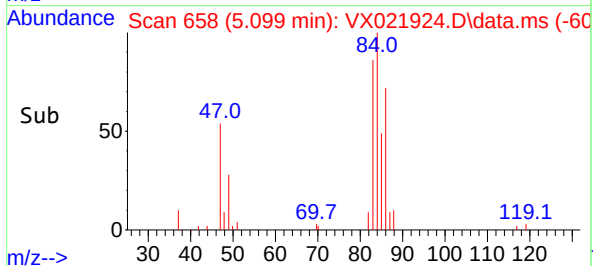
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06



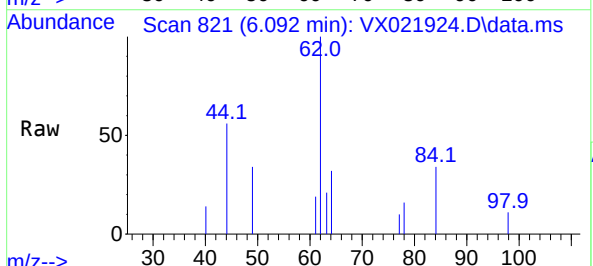
Tgt Ion: 83 Resp: 6780
Ion Ratio Lower Upper
83 100
85 57.0 46.3 86.1

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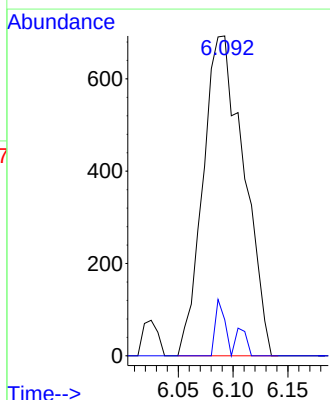
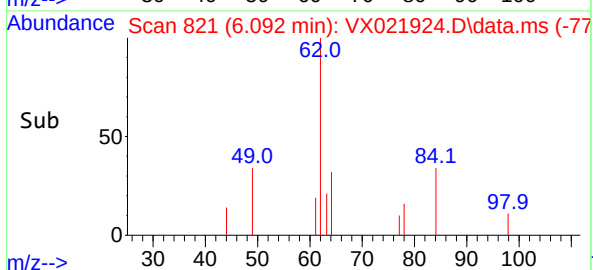
MMDadoda
5/13/2021 10:21:29 AM

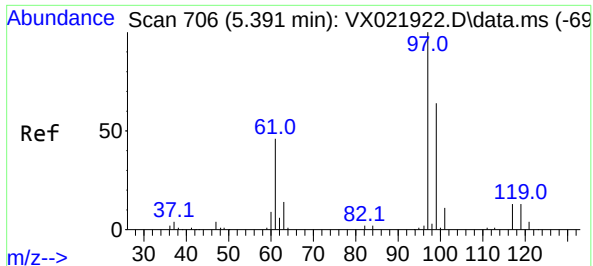


#27
1,2-Dichloroethane
Concen: 0.26 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



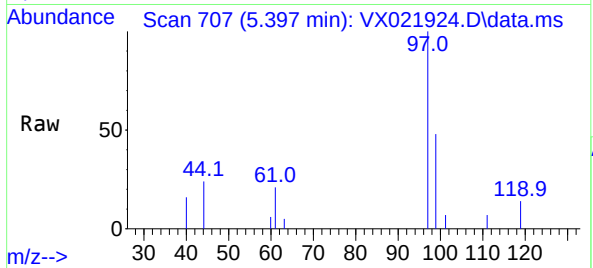
Tgt Ion: 62 Resp: 1791
Ion Ratio Lower Upper
62 100
98 11.3 7.8 11.6





#29
1,1,1-Trichloroethane
Concen: 0.26 ug/L
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

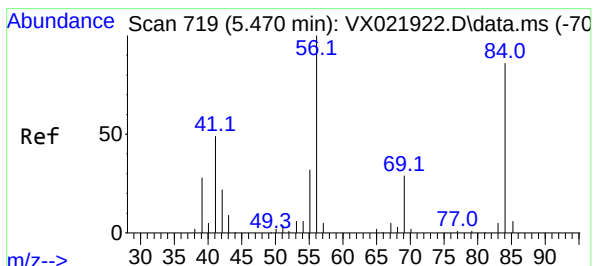
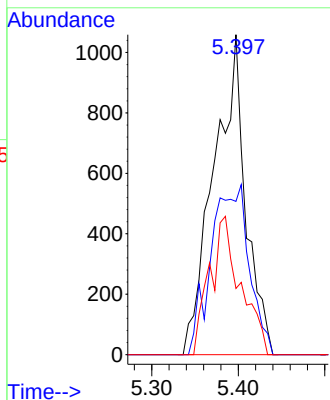
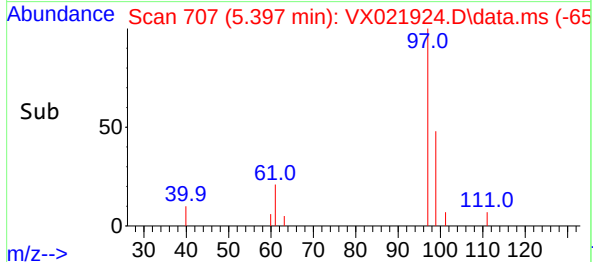


Tgt Ion: 97 Resp: 2705

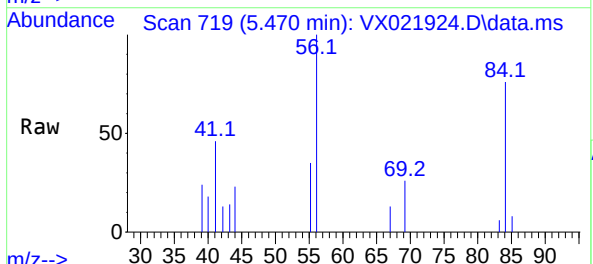
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.0
61	41.8	35.4	53.2

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MMDadoda
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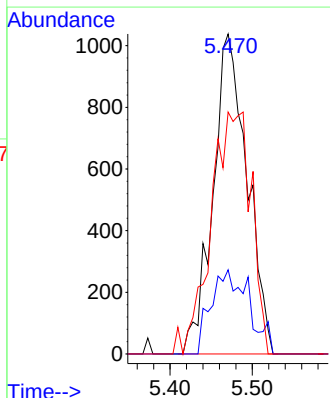
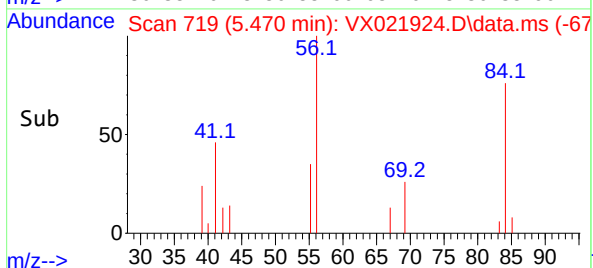


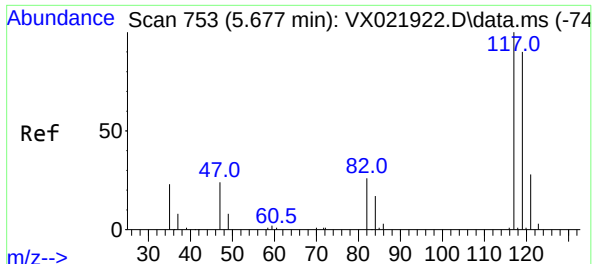
#30
Cyclohexane
Concen: 0.27 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



Tgt Ion: 56 Resp: 2991

Ion	Ratio	Lower	Upper
56	100		
69	29.3	26.6	39.8
84	90.0	73.3	109.9





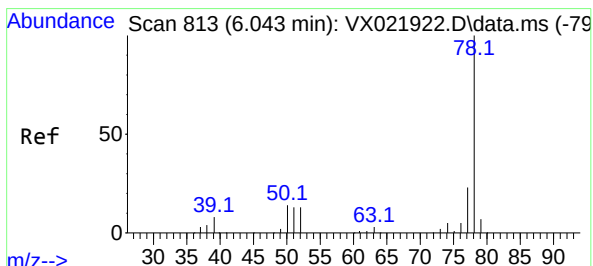
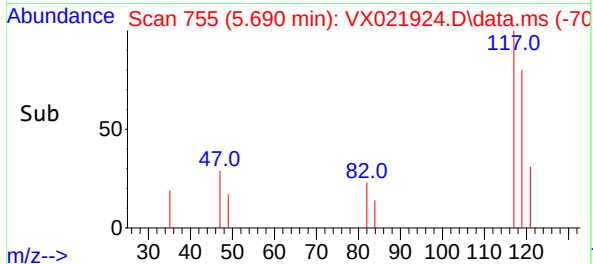
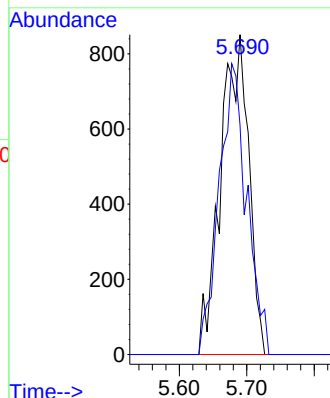
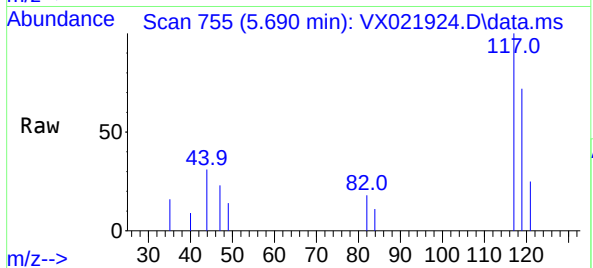
#31
Carbon tetrachloride
Concen: 0.28 ug/L m
RT: 5.690 min Scan# 755
Delta R.T. 0.013 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 117 Resp: 2466
Ion Ratio Lower Upper
117 100
119 89.0 74.8 112.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

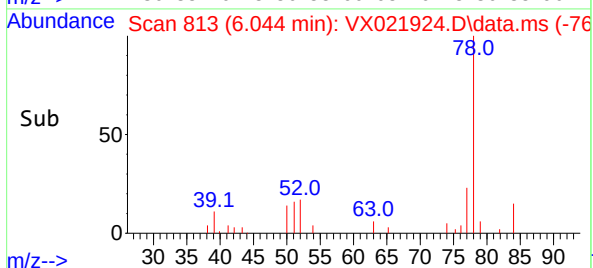
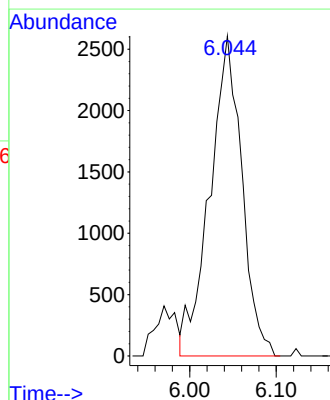
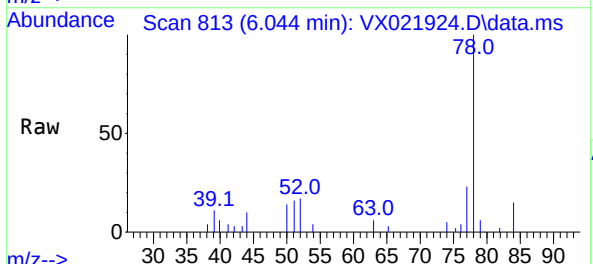
Manual Integrations
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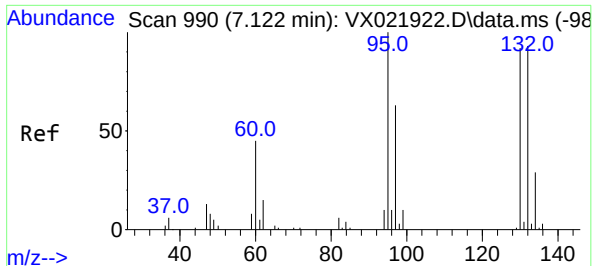
MMDadoda
5/13/2021 10:21:29 AM



#33
Benzene
Concen: 0.26 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 78 Resp: 6691





#34
Trichloroethene
Concen: 0.27 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

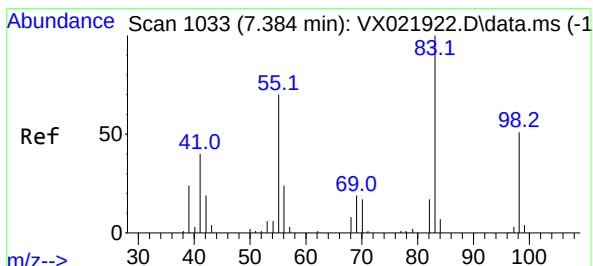
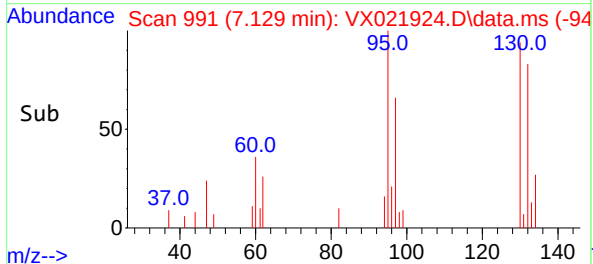
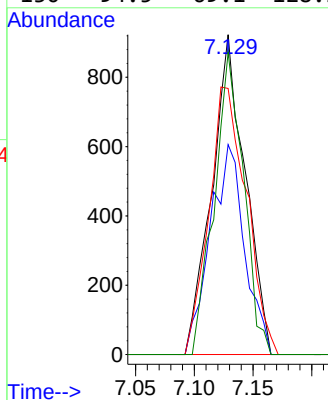
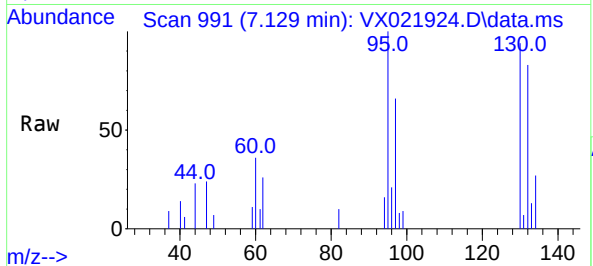
Tgt Ion: 95 Resp: 1830

Ion	Ratio	Lower	Upper
95	100		
97	65.7	48.6	90.2
132	83.2	67.3	125.1
130	94.5	69.1	128.3

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

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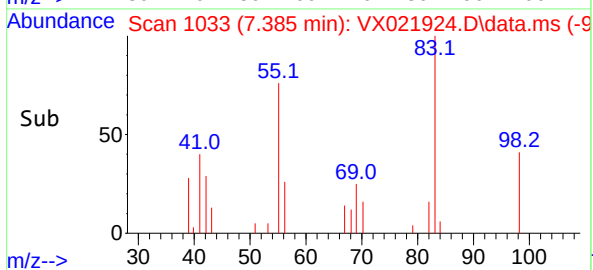
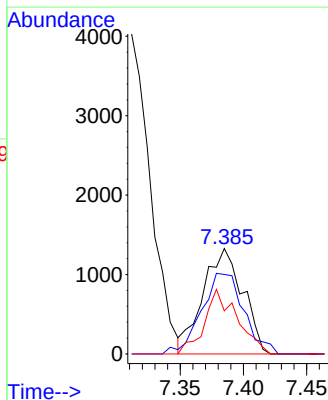
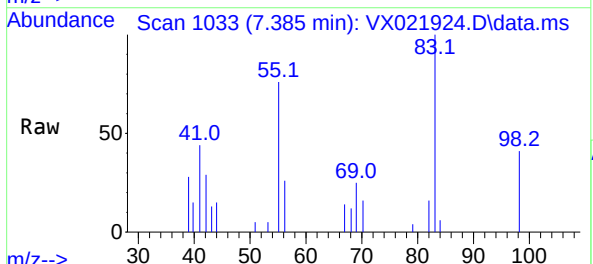
MMDadoda
5/13/2021 10:21:29 AM

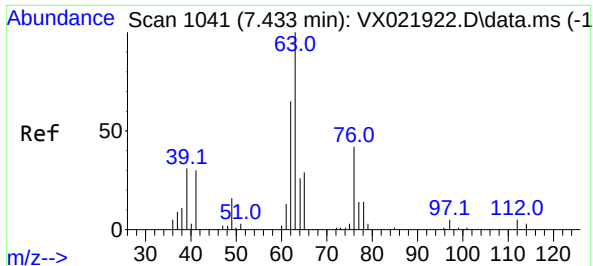


#35
Methylcyclohexane
Concen: 0.25 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 83 Resp: 2907

Ion	Ratio	Lower	Upper
83	100		
55	81.0	60.3	90.5
98	50.5	39.4	59.2





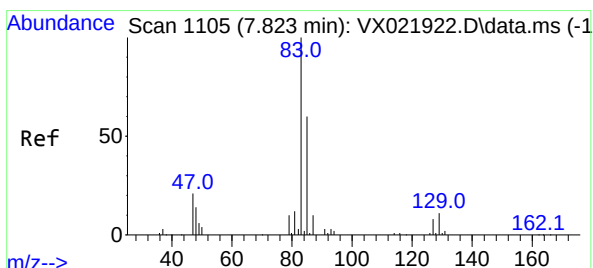
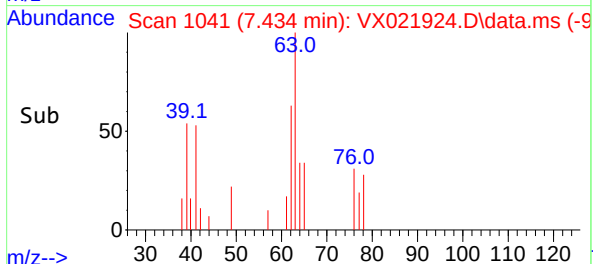
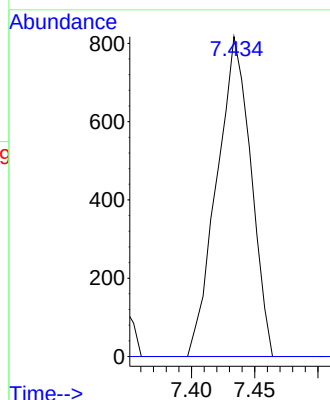
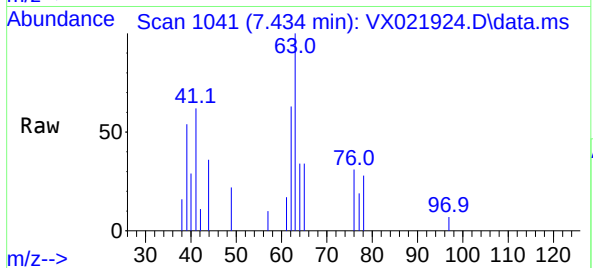
#37
1,2-Dichloropropane
Concen: 0.24 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 63 Resp: 1531
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

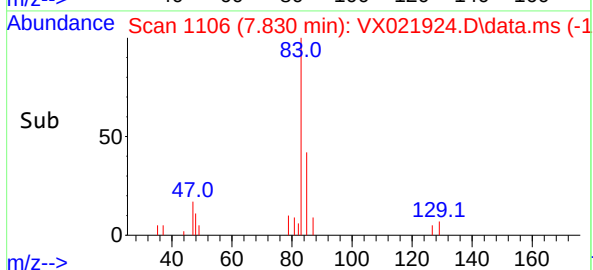
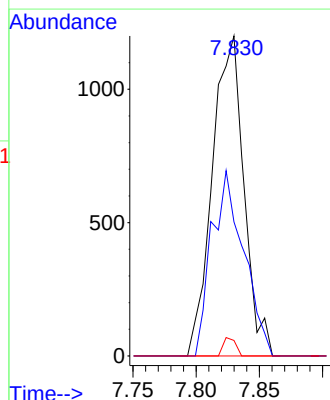
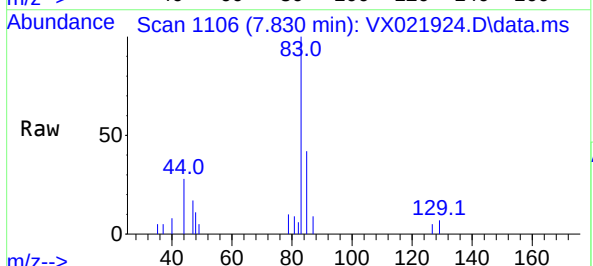
Manual Integrations
APPROVED

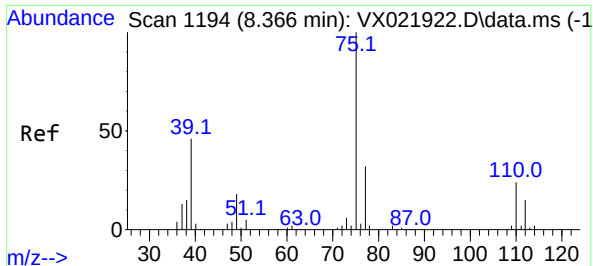
MMDadoda
5/13/2021 10:21:29 AM



#38
Bromodichloromethane
Concen: 0.25 ug/L
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 83 Resp: 2083
Ion Ratio Lower Upper
83 100
85 41.9 41.1 76.3
127 4.8 6.1 9.1#





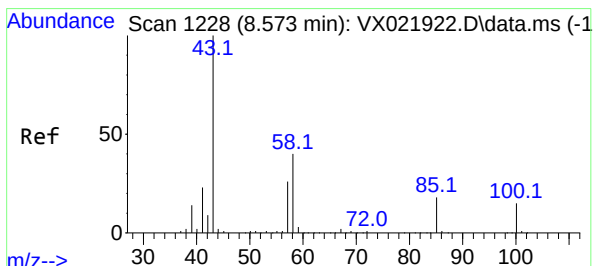
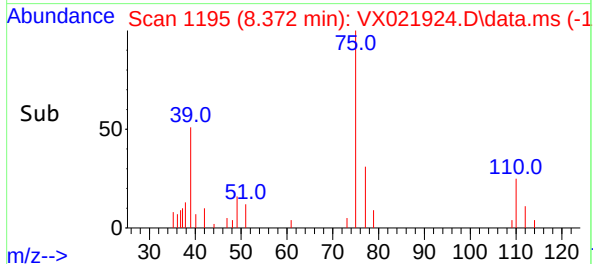
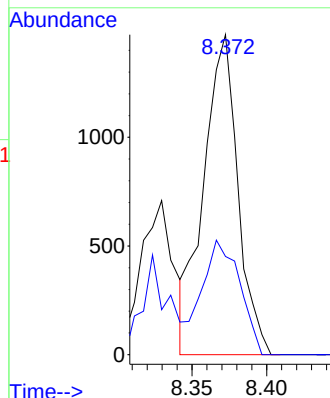
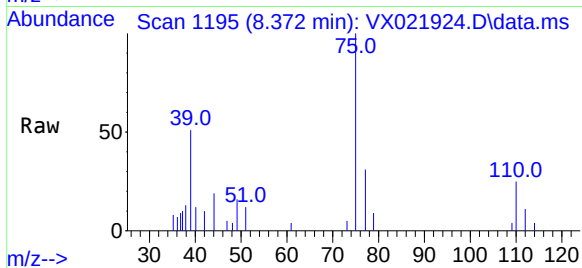
#39
cis-1,3-Dichloropropene
Concen: 0.24 ug/L
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 75 Resp: 2347
Ion Ratio Lower Upper
75 100
77 30.7 21.3 39.5

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

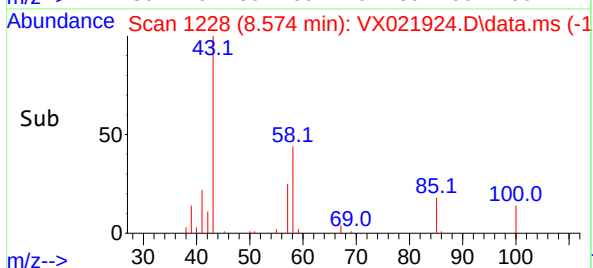
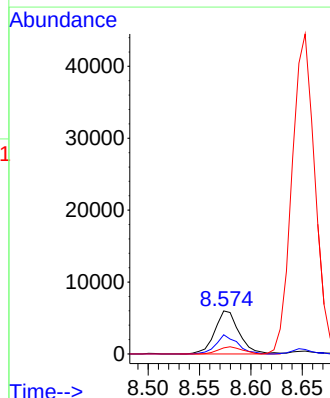
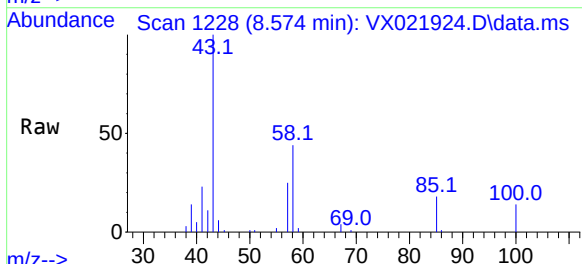
Manual Integrations
APPROVED

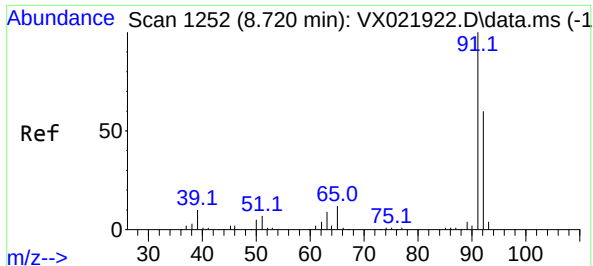
MMDadoda
5/13/2021 10:21:29 AM



#40
4-Methyl-2-pentanone
Concen: 2.49 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 43 Resp: 9865
Ion Ratio Lower Upper
43 100
58 39.1 32.0 48.0
100 0.0 13.1 19.7#





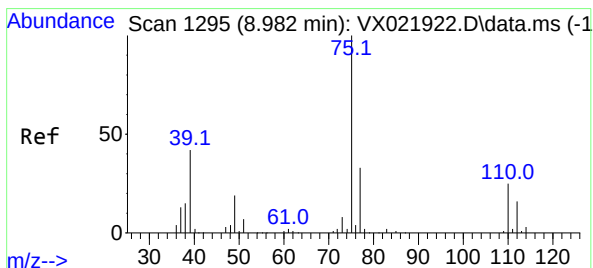
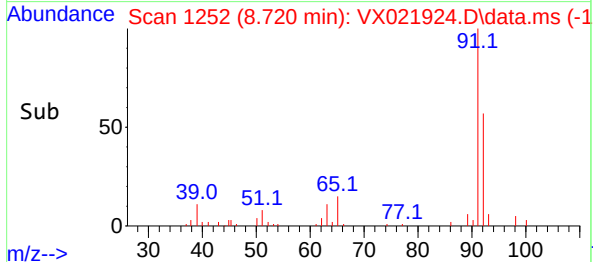
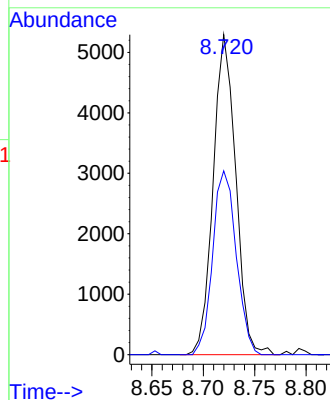
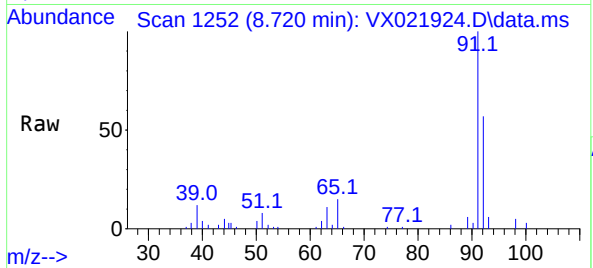
#42
Toluene
Concen: 0.29 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 91 Resp: 8078
Ion Ratio Lower Upper
91 100
92 57.4 42.1 78.3

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

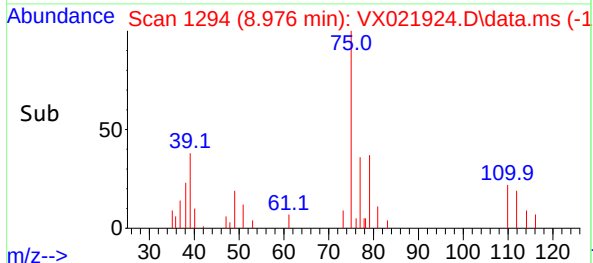
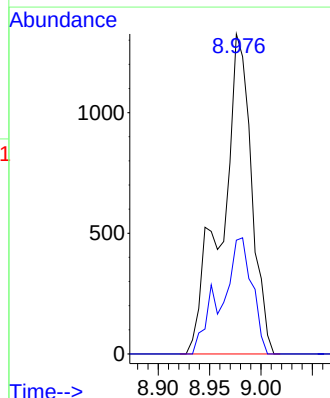
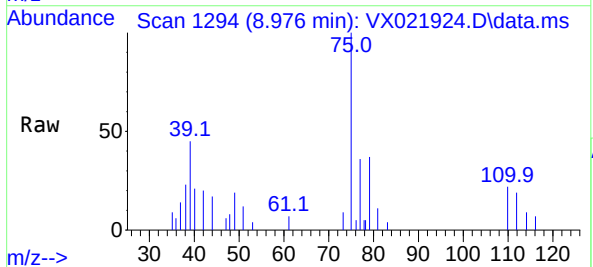
Manual Integrations
APPROVED

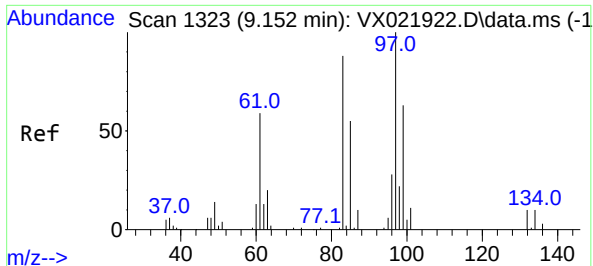
MMDadoda
5/13/2021 10:21:29 AM



#44
trans-1,3-Dichloropropene
Concen: 0.32 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 75 Resp: 2666
Ion Ratio Lower Upper
75 100
77 35.5 21.6 40.0





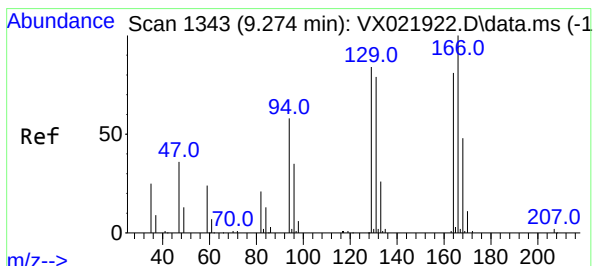
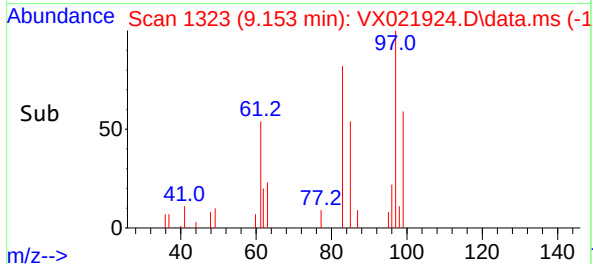
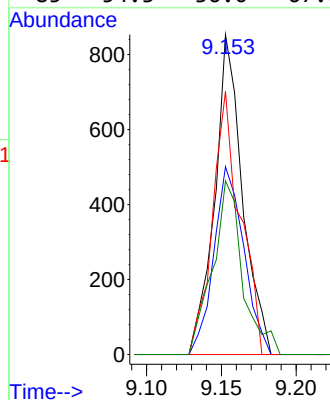
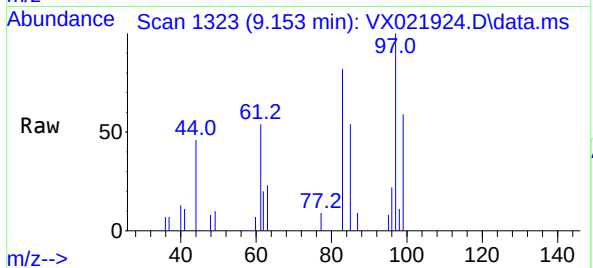
#45
1,1,2-Trichloroethane
Concen: 0.25 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	97	Resp:	1105
Ion	Ratio	Lower	Upper
97	100		
99	58.7	42.6	79.0
83	82.3	55.4	102.8
85	54.3	36.0	67.0

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

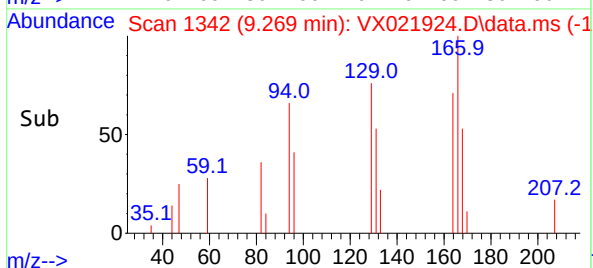
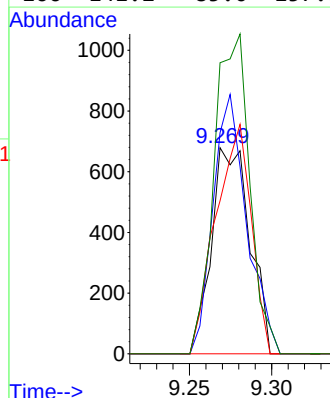
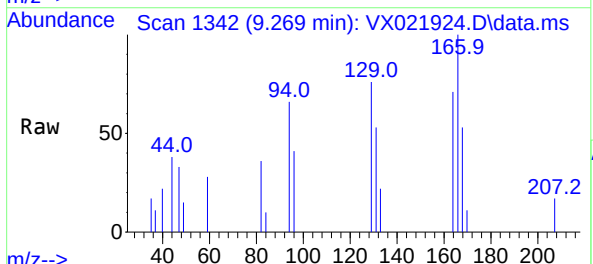
Manual Integrations
APPROVED

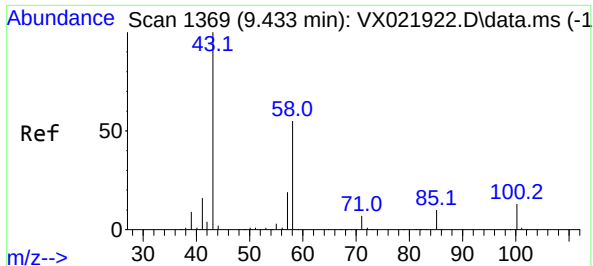
MMDadoda
5/13/2021 10:21:29 AM



#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	164	Resp:	1105
Ion	Ratio	Lower	Upper
164	100		
129	107.2	73.1	135.7
131	74.2	69.1	128.3
166	141.2	85.0	157.8





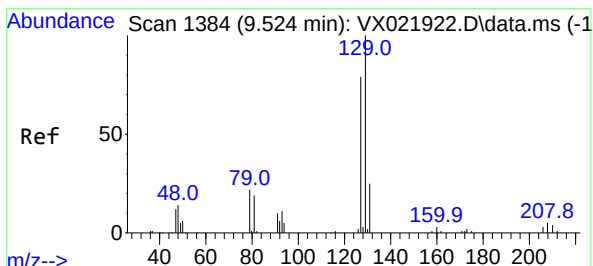
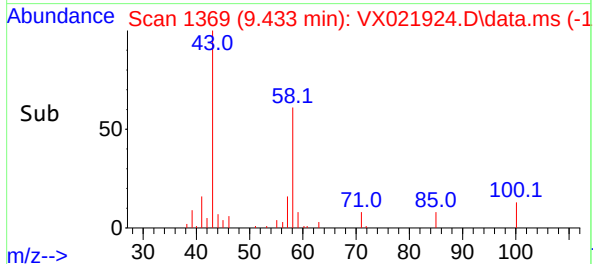
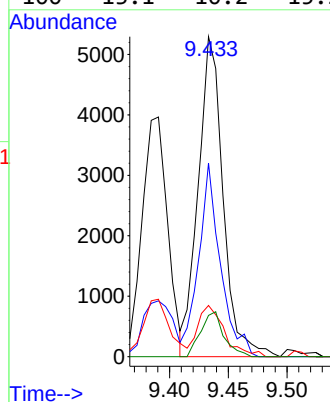
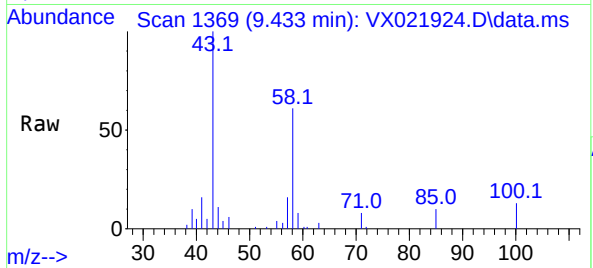
#48
2-Hexanone
Concen: 2.83 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 43	Resp: 7822
Ion Ratio	Lower Upper
43 100	
58 53.0	44.6 67.0
57 17.1	14.8 22.2
100 13.1	10.2 15.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

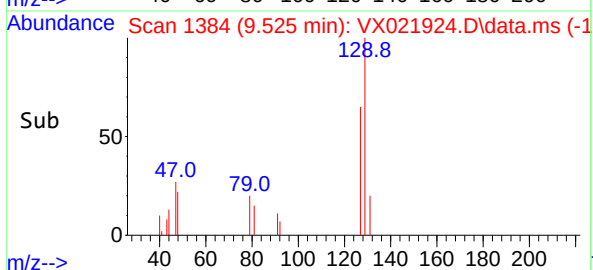
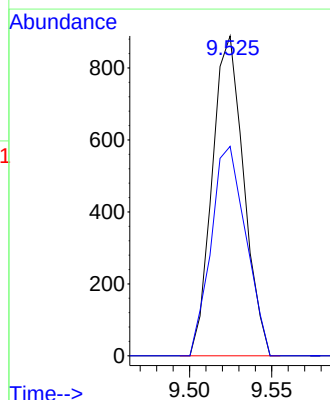
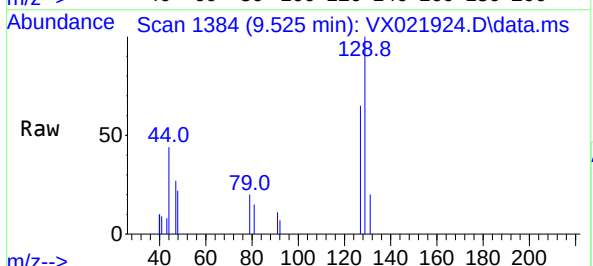
Manual Integrations
APPROVED

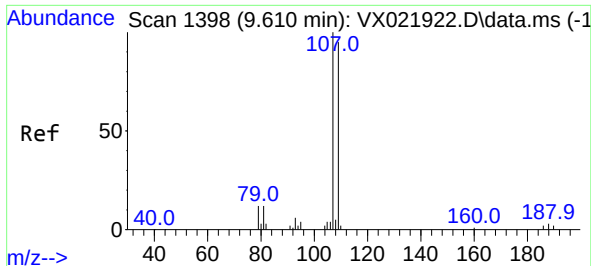
MMDadoda
5/13/2021 10:21:29 AM



#49
Dibromochloromethane
Concen: 0.23 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

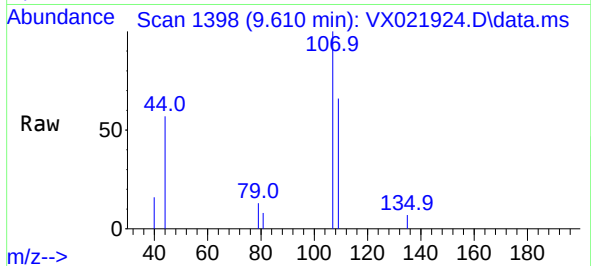
Tgt Ion:129	Resp:	1185	
Ion	Ratio	Lower	Upper
129	100		
127	65.5	53.5	99.5





#50
1,2-Dibromoethane
Concen: 0.23 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

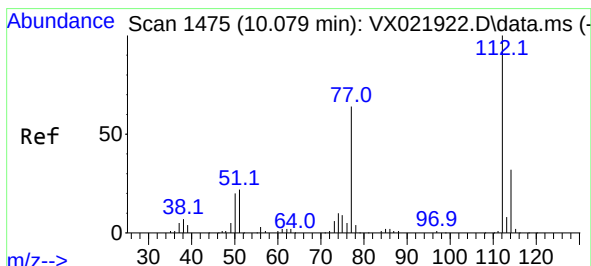
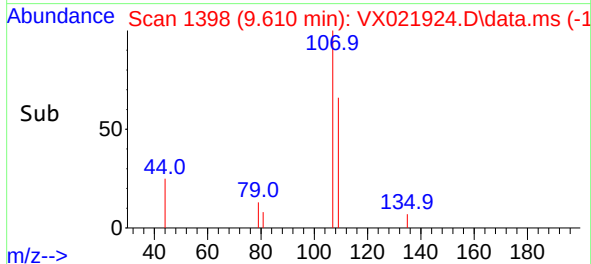
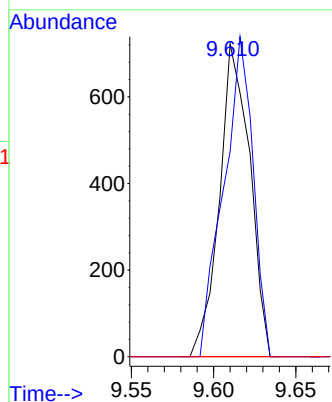
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06



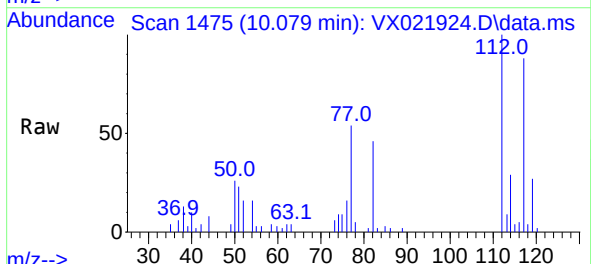
Tgt Ion:107 Resp: 927
Ion Ratio Lower Upper
107 100
109 65.7 63.8 118.4
188 0.0 2.6 4.0#

Manual Integrations
APPROVED

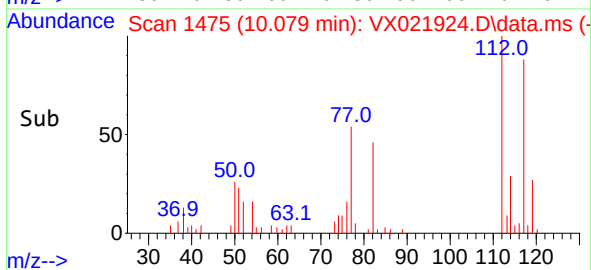
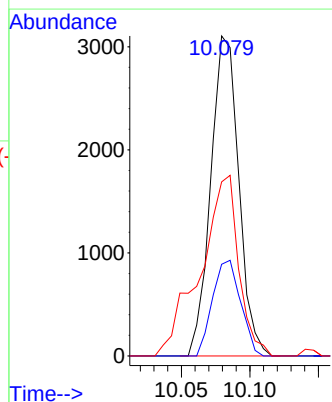
MMDadoda
5/13/2021 10:21:29 AM

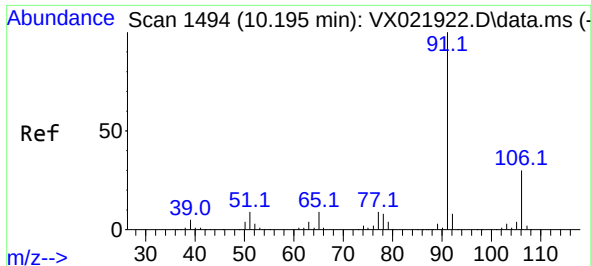


#51
Chlorobenzene
Concen: 0.26 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



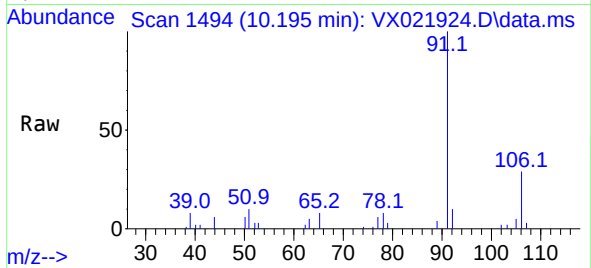
Tgt Ion:112 Resp: 4408
Ion Ratio Lower Upper
112 100
114 28.6 22.4 41.6
77 54.4 46.4 69.6





#52
Ethylbenzene
Concen: 0.24 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

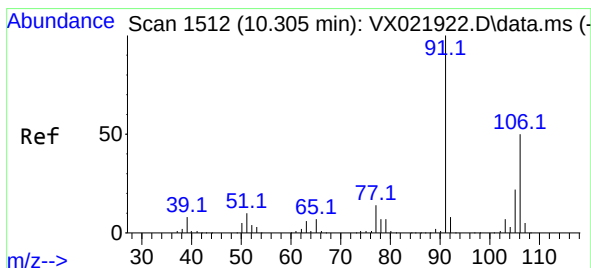
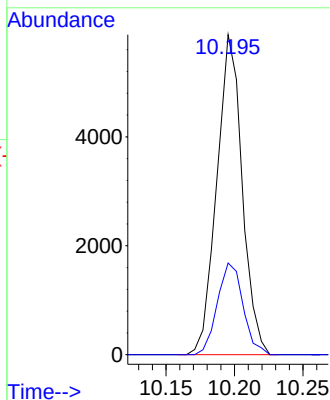
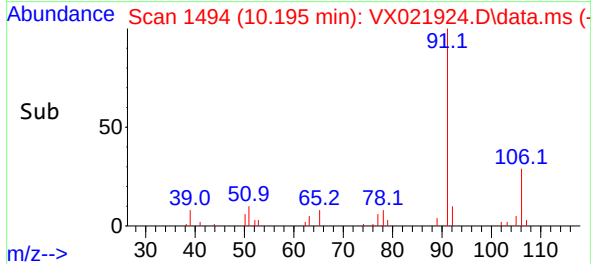
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06



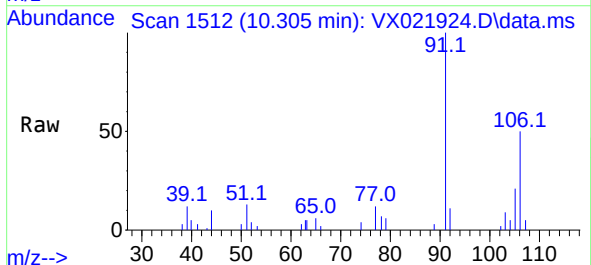
Tgt Ion: 91 Resp: 7564
Ion Ratio Lower Upper
91 100
106 28.7 21.6 40.0

Manual Integrations
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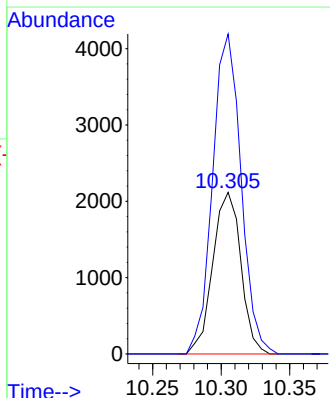
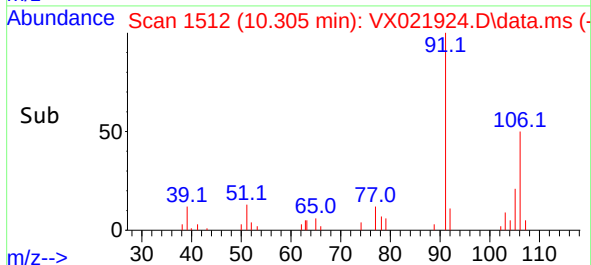
MMDadoda
5/13/2021 10:21:29 AM

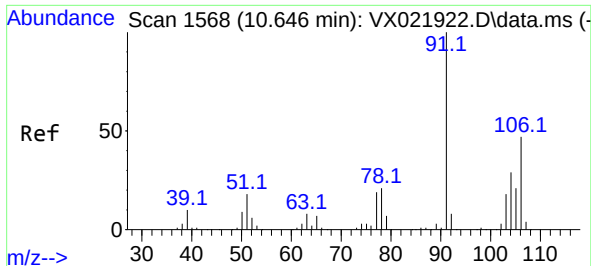


#53
m,p-xylene
Concen: 0.25 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



Tgt Ion: 106 Resp: 3017
Ion Ratio Lower Upper
106 100
91 198.1 141.7 263.3





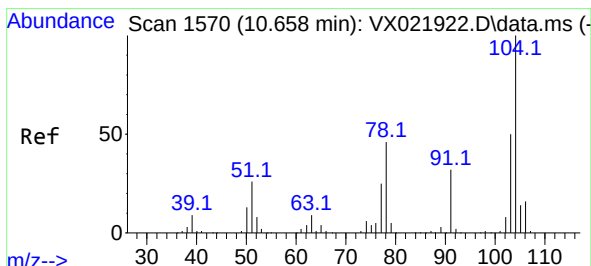
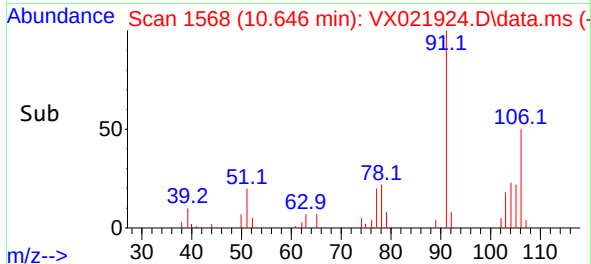
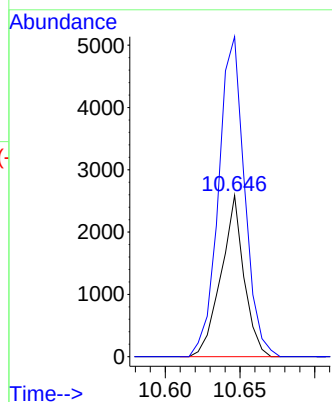
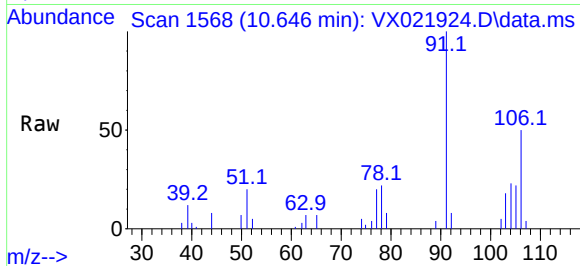
#54
o-xylene
Concen: 0.24 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:106 Resp: 2759
Ion Ratio Lower Upper
106 100
91 198.5 142.0 263.8

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

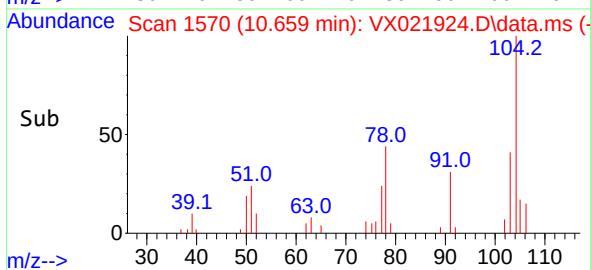
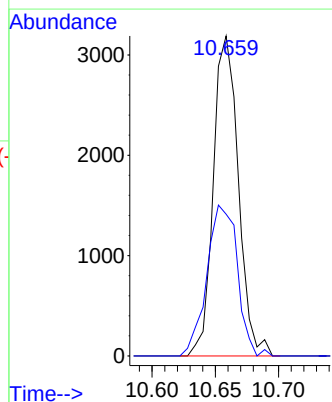
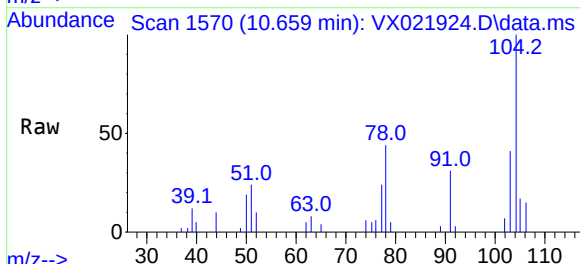
Manual Integrations
APPROVED

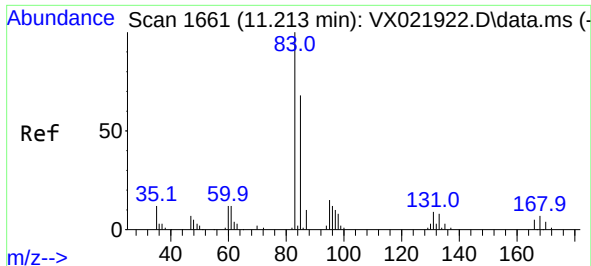
MMDadoda
5/13/2021 10:21:29 AM



#55
Styrene
Concen: 0.23 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:104 Resp: 4381
Ion Ratio Lower Upper
104 100
78 44.3 32.7 60.7





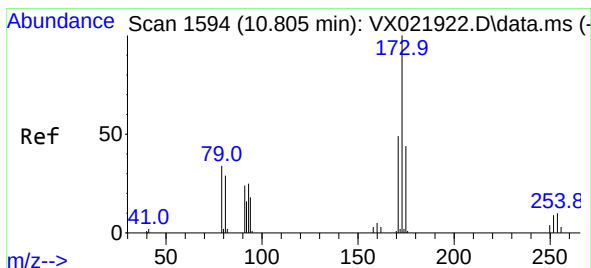
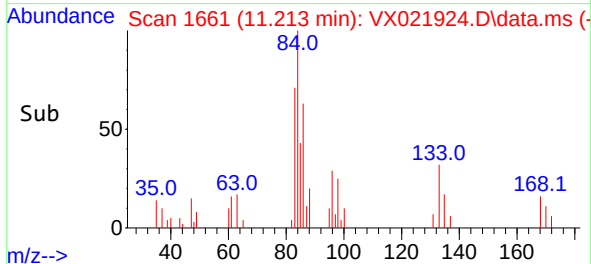
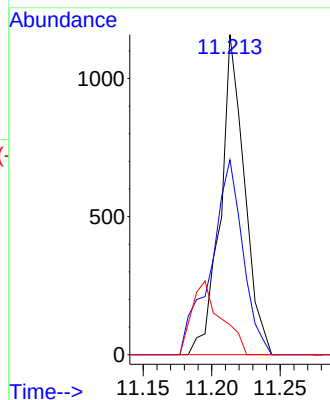
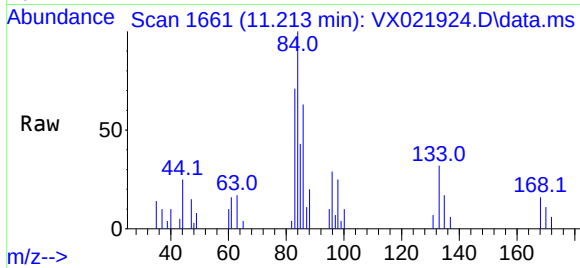
#57
1,1,2,2-Tetrachloroethane
Concen: 0.27 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 83 Resp: 1407
Ion Ratio Lower Upper
83 100
85 60.9 44.1 81.9
131 9.3 7.1 10.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

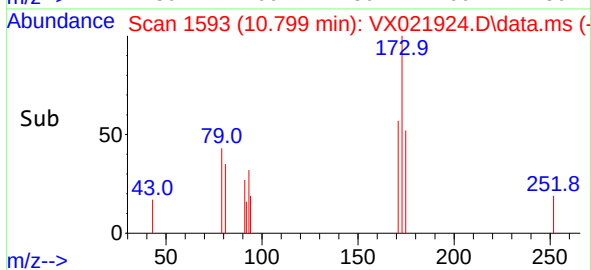
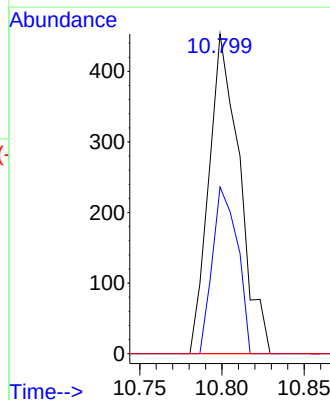
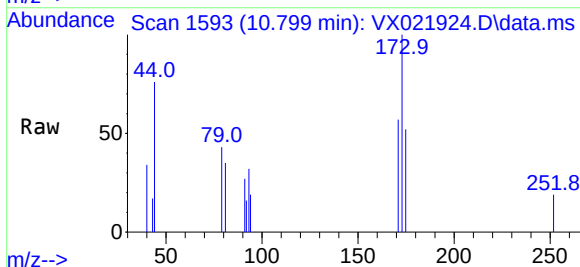
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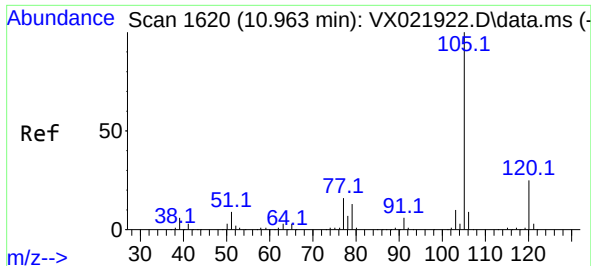
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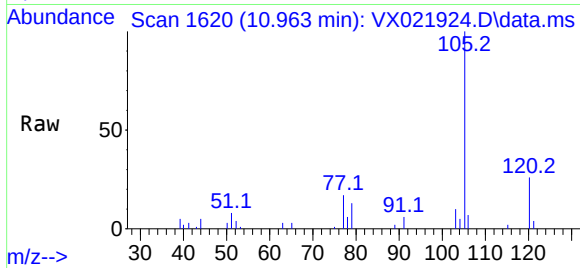
#59
Bromoform
Concen: 0.25 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion: 173 Resp: 588
Ion Ratio Lower Upper
173 100
175 42.5 38.9 58.3
254 0.0 7.4 11.0#

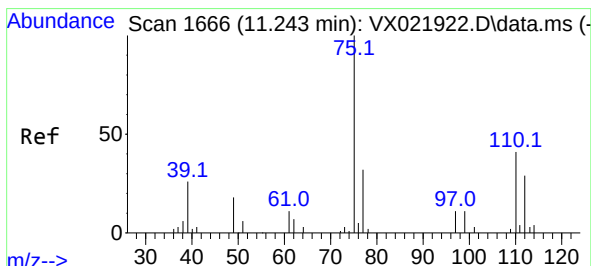
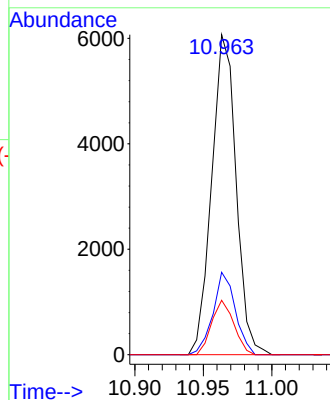
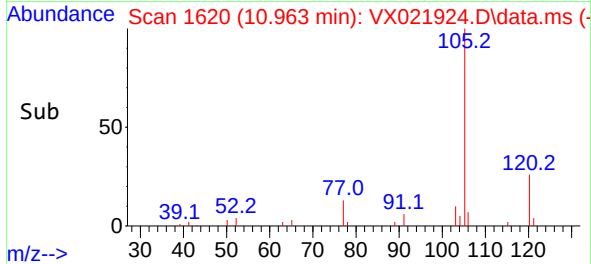




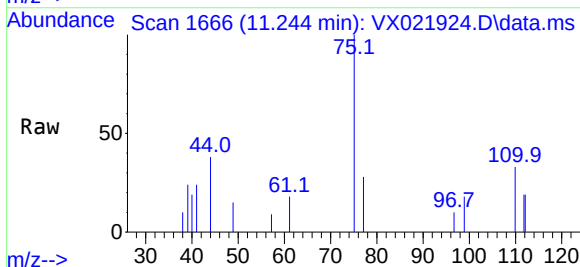
#60
Isopropylbenzene
Concen: 0.26 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



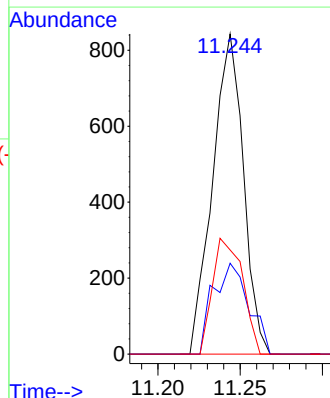
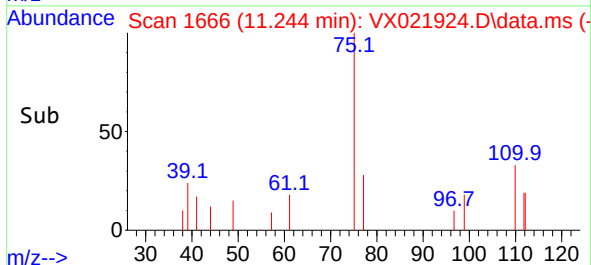
Tgt Ion: 105 Resp: 7503
Ion Ratio Lower Upper
105 100
120 23.6 21.0 31.6
77 15.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.31 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



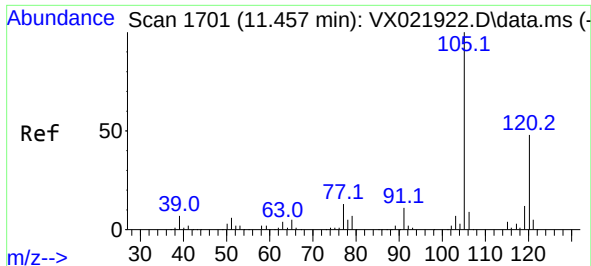
Tgt Ion: 75 Resp: 1098
Ion Ratio Lower Upper
75 100
77 32.9 24.6 37.0
110 35.2 32.3 48.5



Instrument :
MSVOA_X
ClientSampleId :
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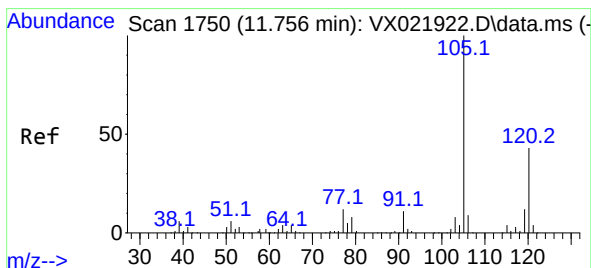
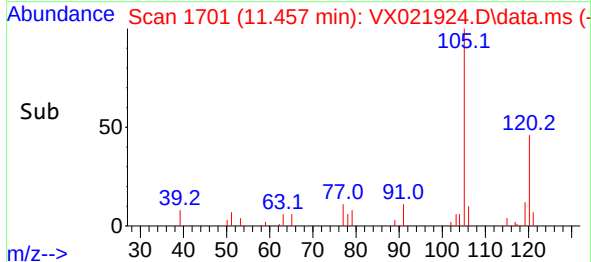
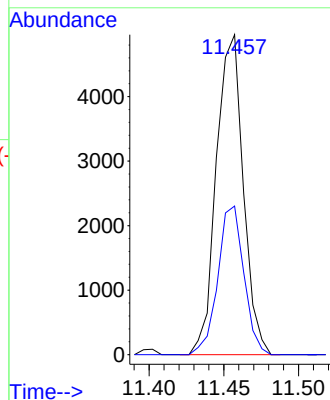
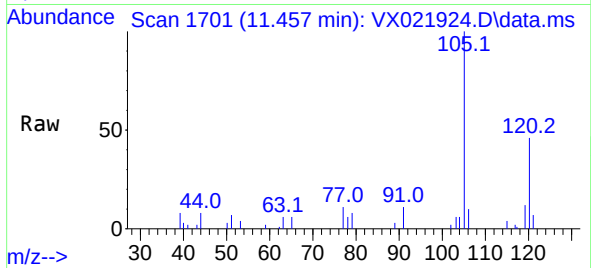
#62
1,3,5-Trimethylbenzene
Concen: 0.25 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:105 Resp: 6214
Ion Ratio Lower Upper
105 100
120 44.9 38.4 57.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

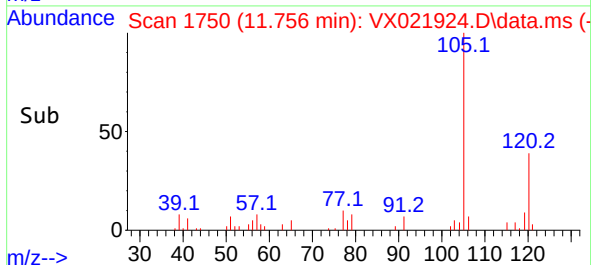
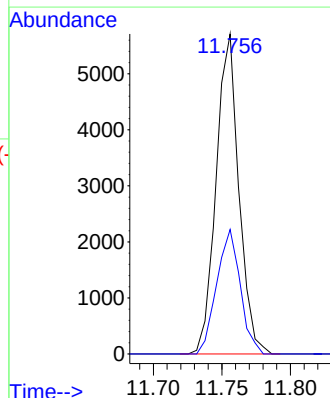
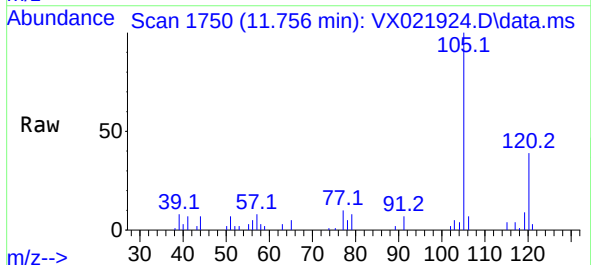
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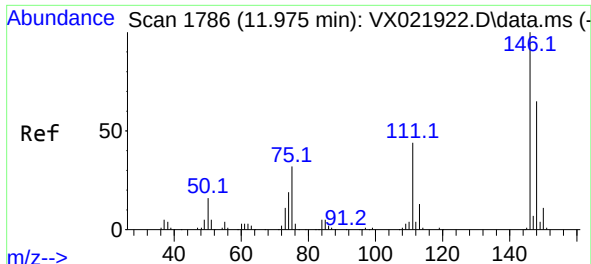
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#63
1,2,4-Trimethylbenzene
Concen: 0.26 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:105 Resp: 6583
Ion Ratio Lower Upper
105 100
120 40.2 36.4 54.6





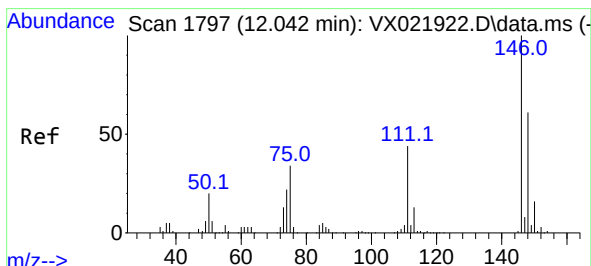
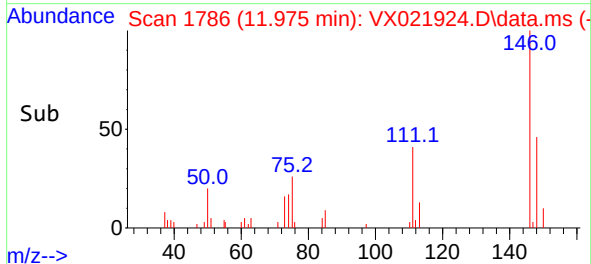
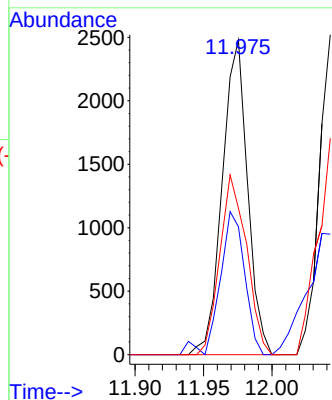
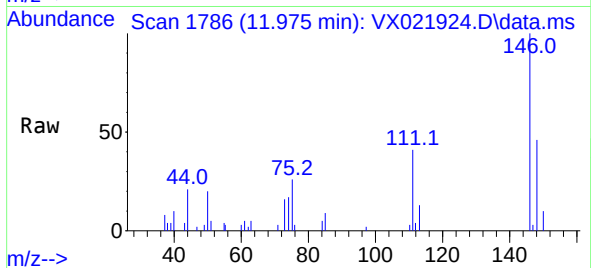
#64
1,3-Dichlorobenzene
Concen: 0.26 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:146 Resp: 3185
Ion Ratio Lower Upper
146 100
111 40.6 30.8 57.2
148 46.5 44.2 82.2

Instrument :
MSVOA_X
ClientSampleId :
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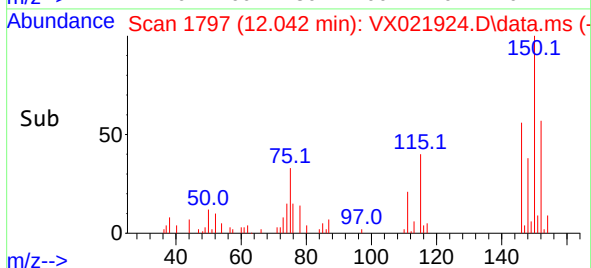
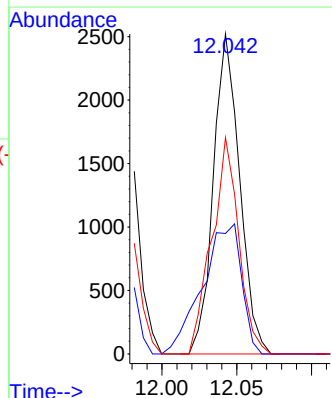
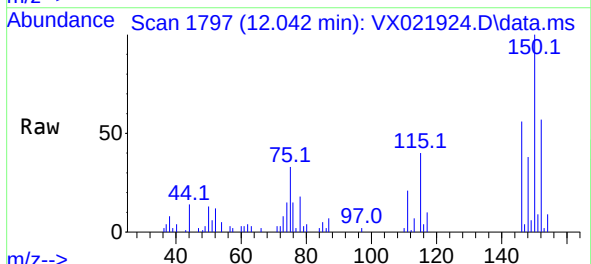
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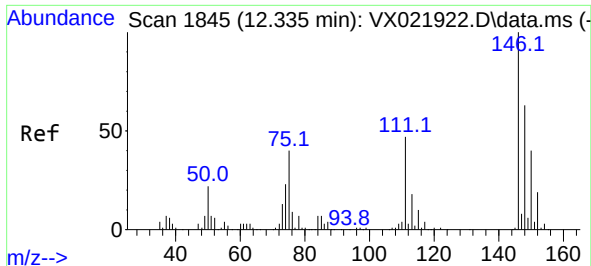
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#65
1,4-Dichlorobenzene
Concen: 0.26 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:146 Resp: 3070
Ion Ratio Lower Upper
146 100
111 37.6 30.4 56.5
148 67.7 43.2 80.2





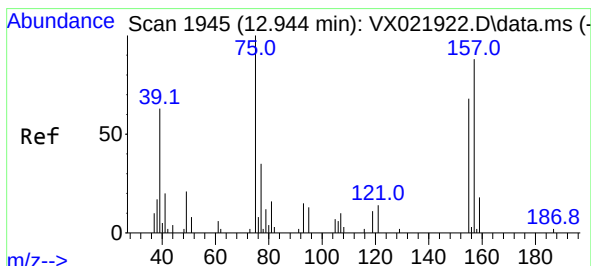
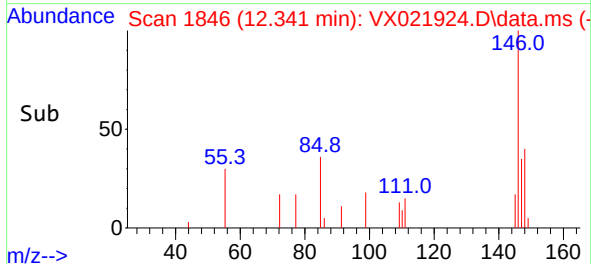
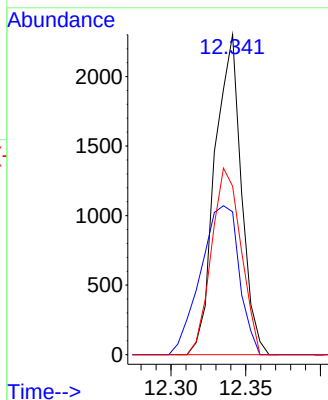
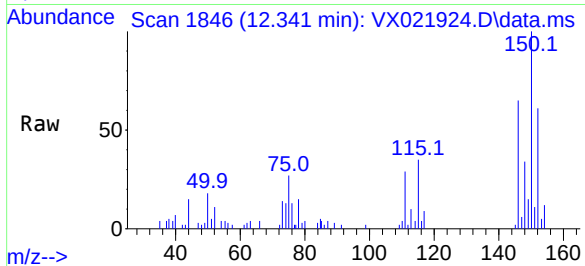
#67
1,2-Dichlorobenzene
Concen: 0.26 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	146	Resp:	2823
Ion	Ratio	Lower	Upper
146	100		
111	44.7	36.2	54.2
148	52.6	49.6	74.4

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

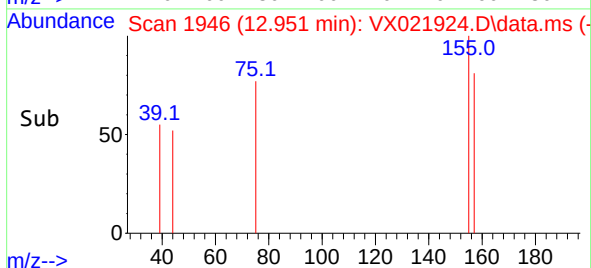
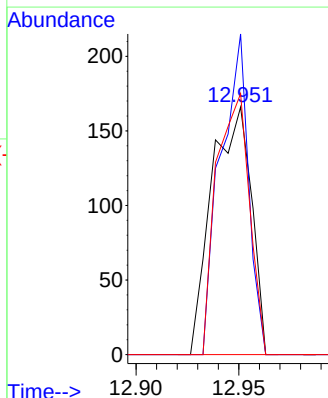
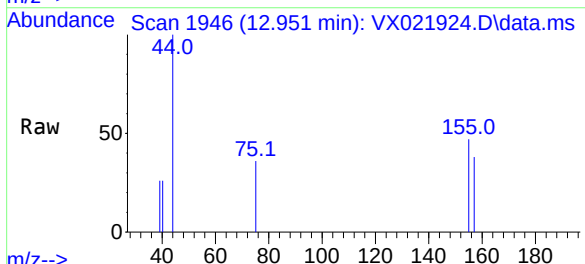
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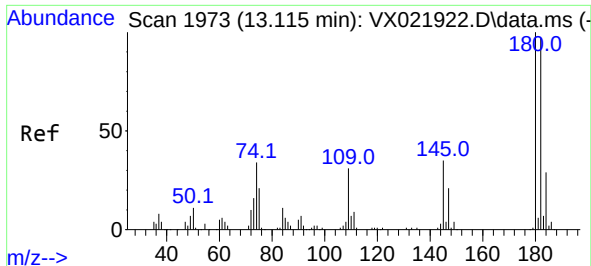
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#68
1,2-Dibromo-3-chloropropane
Concen: 0.26 ug/L
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	75	Resp:	222
Ion	Ratio	Lower	Upper
75	100		
155	129.5	58.5	87.7#
157	105.4	68.6	103.0#





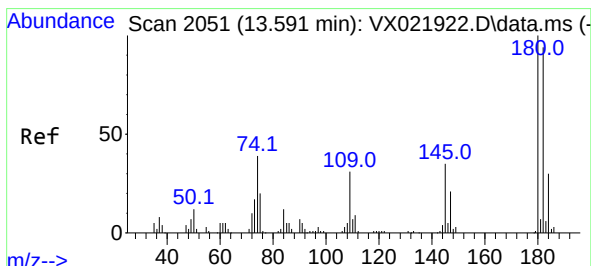
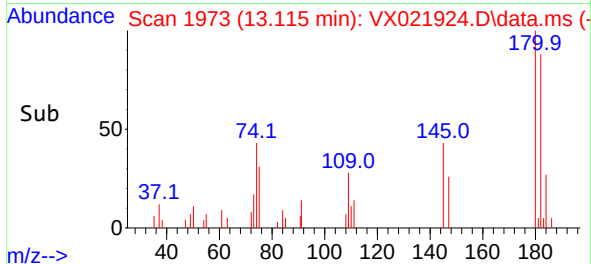
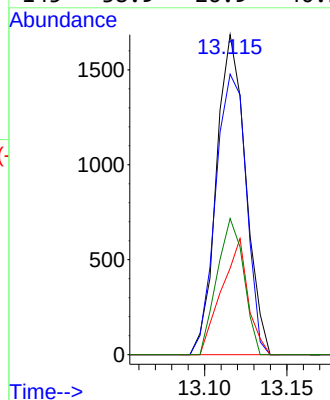
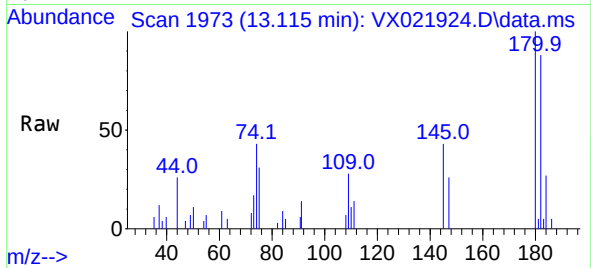
#69
1,3,5-Trichlorobenzene
Concen: 0.24 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	180	Resp:	2080
Ion Ratio	Lower	Upper	
180	100		
182	92.0	73.6	110.4
184	32.7	23.6	35.4
145	38.9	26.9	40.3

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

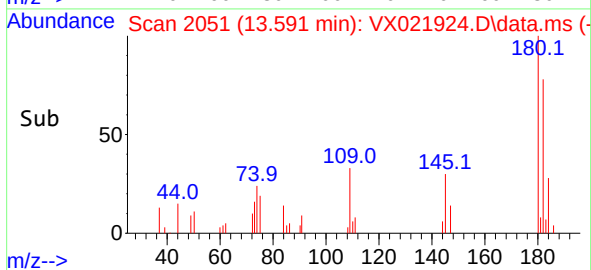
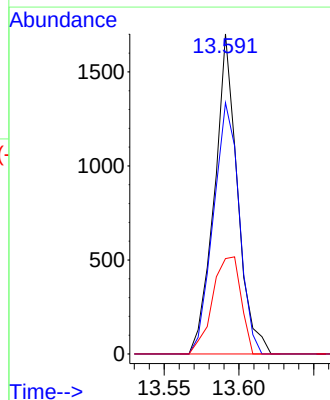
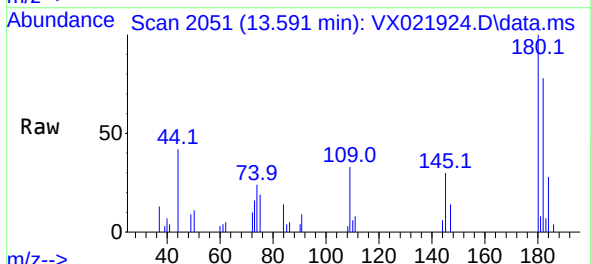
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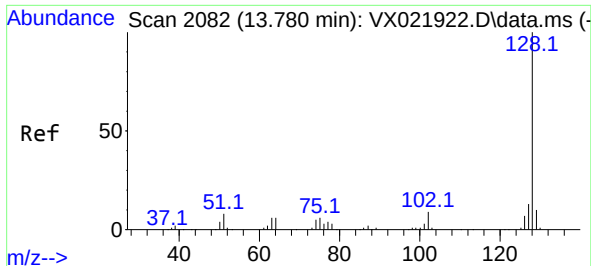
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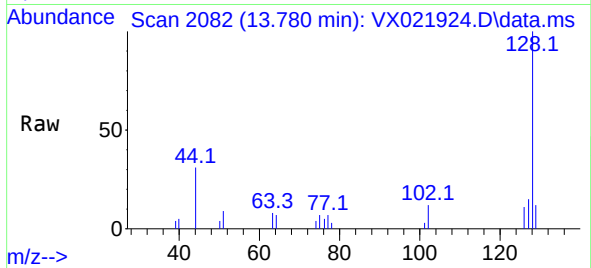
#70
1,2,4-trichlorobenzene
Concen: 0.25 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03

Tgt Ion:	180	Resp:	1825
Ion Ratio	Lower	Upper	
180	100		
182	87.7	79.0	118.4
145	37.4	28.2	42.2

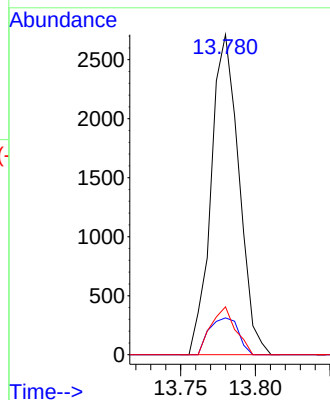
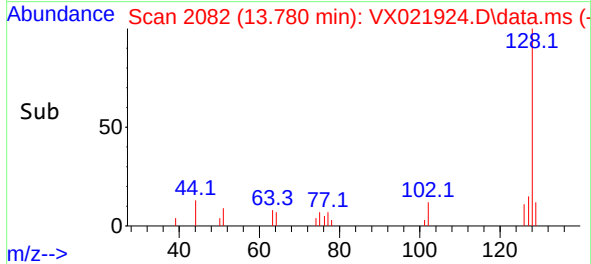




#71
Naphthalene
Concen: 0.22 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



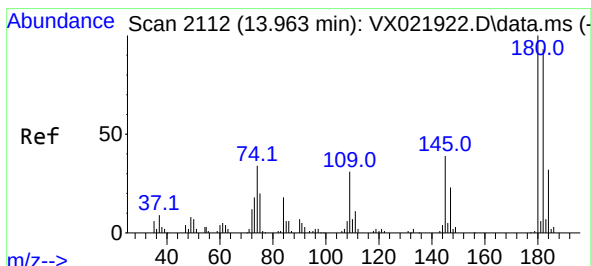
Tgt Ion:128 Resp: 3514
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.4
127 13.2 10.1 15.1



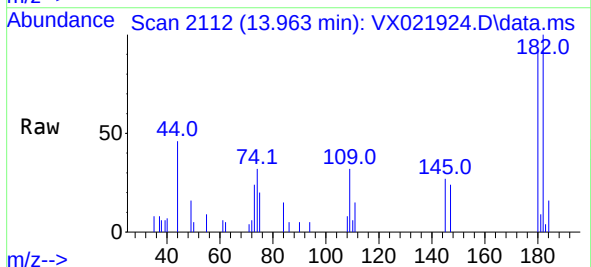
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT3-2021-06

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#72
1,2,3-Trichlorobenzene
Concen: 0.25 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX021924.D
Acq: 12 May 2021 14:03



Tgt Ion:180 Resp: 1642
Ion Ratio Lower Upper
180 100
182 105.7 75.3 112.9
145 35.0 30.3 45.5

