

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021415.D
 Acq On : 26 May 2021 11:02
 Operator : SY/MD
 Sample : M2250-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 5/28/2021 11:27:29 AM

Quant Time: May 27 02:04:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	265898	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	246389	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	48062	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.564	69	48128	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.101	63	69041	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.918	46	186056	46.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	4.349	84	136754	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.034	65	67818	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.050	84	272122	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.069	67	88460	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.316	98	248337	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	7.625	79	35177	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.091	63	178185	47.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.58%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	70925	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	109684	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	3817	0.21	ug/L	93
3) Chloromethane	1.236	50	3533	0.23	ug/L	94
5) Vinyl chloride	1.307	62	3592	0.22	ug/L #	75
6) Bromomethane	1.519	94	2470	0.23	ug/L	90
8) Chloroethane	1.580	64	2081	0.21	ug/L	88
9) Trichlorofluoromethane	1.748	101	5192	0.21	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3852	0.28	ug/L #	86
12) 1,1-Dichloroethene	2.114	96	3462	0.26	ug/L #	1
13) Acetone	2.246	43	6281m	2.75	ug/L	
14) Carbon disulfide	2.288	76	9507	0.21	ug/L	97
15) Methyl Acetate	2.461	43	2132m	0.40	ug/L	
16) Methylene chloride	2.503	84	13019	0.60	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	7905	0.21	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	3369	0.20	ug/L	95
19) 1,1-Dichloroethane	3.188	63	5600	0.19	ug/L	98
21) 2-Butanone	4.014	43	8658m	2.23	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	4011	0.22	ug/L	98
23) Bromochloromethane	4.255	128	1693	0.21	ug/L	94
25) Chloroform	4.378	83	7553	0.25	ug/L	95

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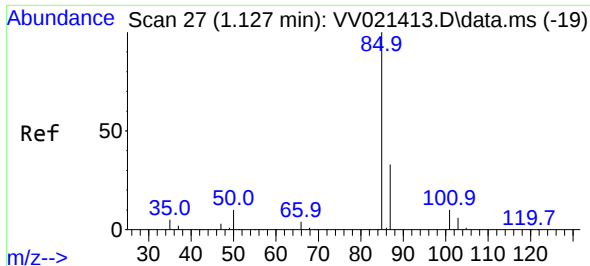
Manual Integrations
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Quant Time: May 27 02:04:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	3712	0.23	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	5948	0.22	ug/L	98
30) Cyclohexane	4.677	56	5496	0.20	ug/L	96
31) Carbon tetrachloride	4.825	117	5174	0.21	ug/L	99
33) Benzene	5.108	78	14075	0.22	ug/L	100
34) Trichloroethene	5.924	95	3872	0.22	ug/L	96
35) Methylcyclohexane	6.130	83	6716	0.23	ug/L	96
37) 1,2-Dichloropropane	6.181	63	2861	0.18	ug/L #	85
38) Bromodichloromethane	6.516	83	4472	0.21	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	5594	0.22	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	19185	1.97	ug/L #	83
42) Toluene	7.394	91	17794	0.25	ug/L	96
44) trans-1,3-Dichloropropene	7.661	75	5661	0.27	ug/L	97
45) 1,1,2-Trichloroethane	7.847	97	2401	0.20	ug/L	95
47) Tetrachloroethene	7.979	164	3549	0.22	ug/L	97
48) 2-Hexanone	8.149	43	14584	2.20	ug/L #	96
49) Dibromochloromethane	8.249	129	3133	0.20	ug/L	91
50) 1,2-Dibromoethane	8.361	107	2320	0.20	ug/L #	93
51) Chlorobenzene	8.886	112	10021	0.21	ug/L	97
52) Ethylbenzene	9.017	91	16767	0.21	ug/L	97
53) m,p-xylene	9.143	106	6604	0.22	ug/L	90
54) o-xylene	9.548	106	6409	0.21	ug/L	88
55) Styrene	9.570	104	10101	0.20	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.246	83	3281	0.24	ug/L #	93
59) Bromoform	9.734	173	1861	0.19	ug/L #	96
60) Isopropylbenzene	9.934	105	17013	0.21	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	2060	0.21	ug/L	92
62) 1,3,5-Trimethylbenzene	10.541	105	14918	0.21	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	15245	0.21	ug/L	99
64) 1,3-Dichlorobenzene	11.184	146	8254	0.20	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	8468	0.21	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	8011	0.21	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.435	75	405	0.17	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.651	180	7183	0.20	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	5970	0.20	ug/L	99
71) Naphthalene	13.509	128	7678	0.16	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	5134	0.19	ug/L	98

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



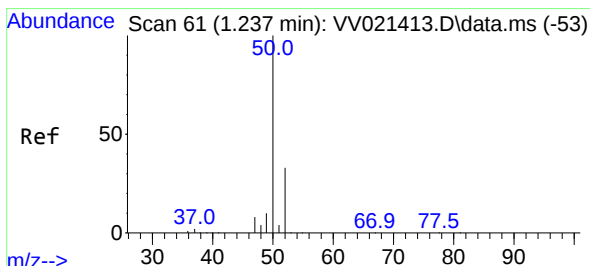
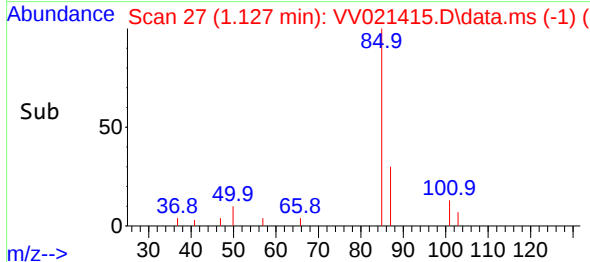
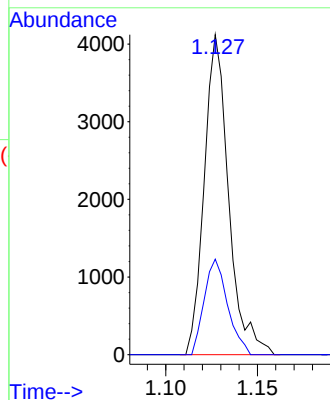
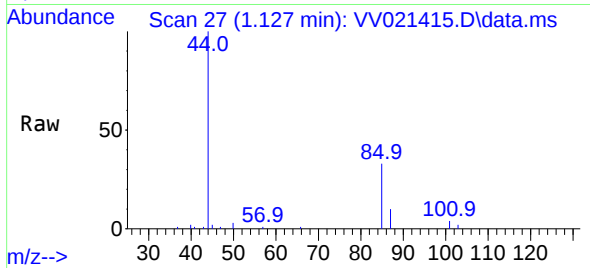
#2
 Dichlorodifluoromethane
 Concen: 0.21 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021415.D
 Acq: 26 May 2021 11:02

Tgt Ion: 85 Resp: 3817
 Ion Ratio Lower Upper
 85 100
 87 28.6 26.1 39.1

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

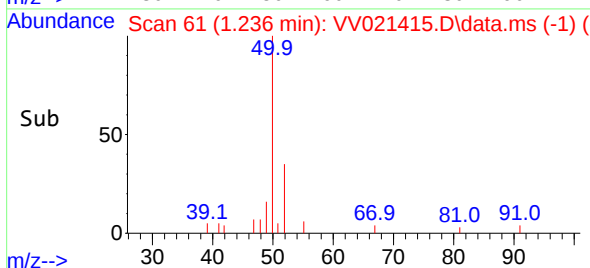
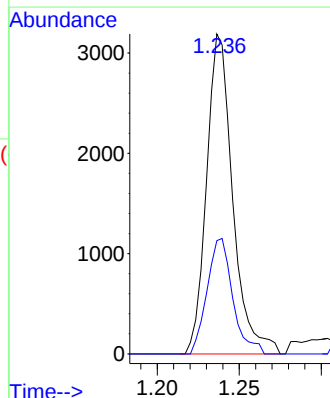
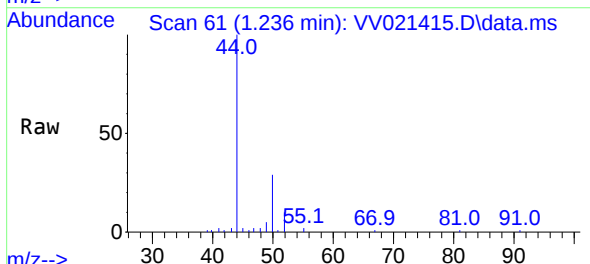
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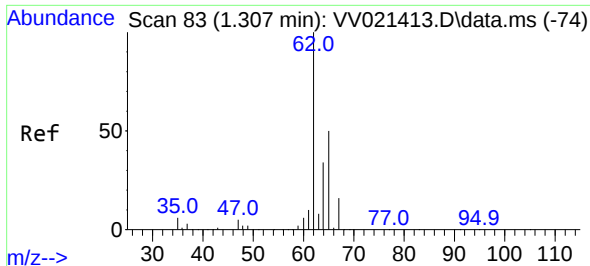
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#3
 Chloromethane
 Concen: 0.23 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV021415.D
 Acq: 26 May 2021 11:02

Tgt Ion: 50 Resp: 3533
 Ion Ratio Lower Upper
 50 100
 52 35.4 22.6 42.0





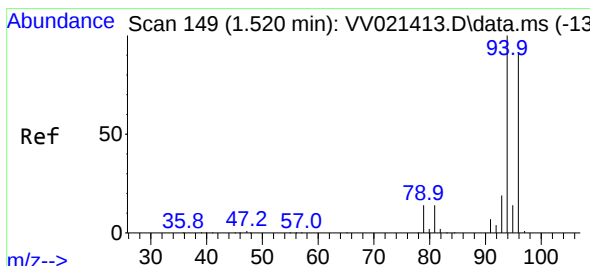
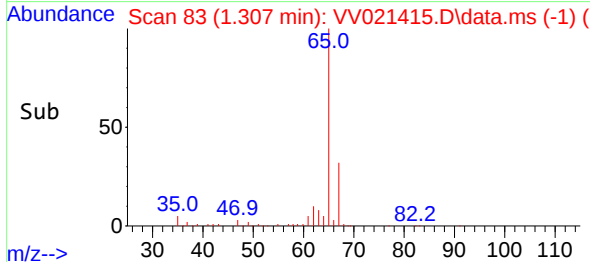
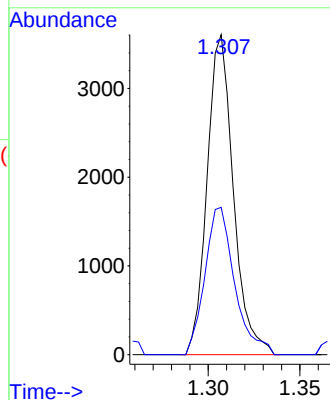
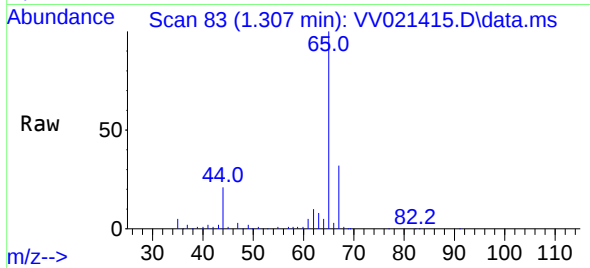
#5
 Vinyl chloride
 Concen: 0.22 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021415.D
 Acq: 26 May 2021 11:02

Tgt Ion: 62 Resp: 3592
 Ion Ratio Lower Upper
 62 100
 64 46.1 22.6 42.0#

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

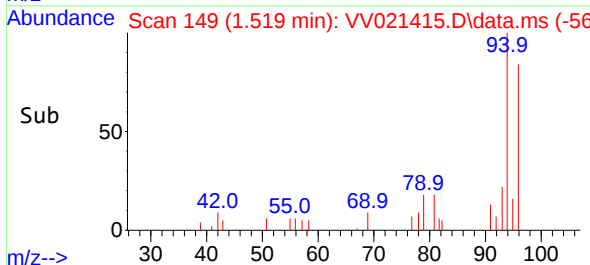
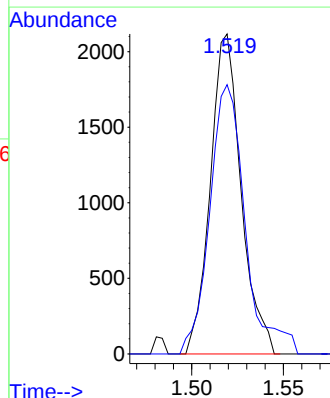
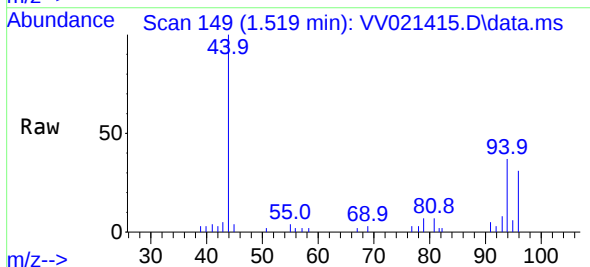
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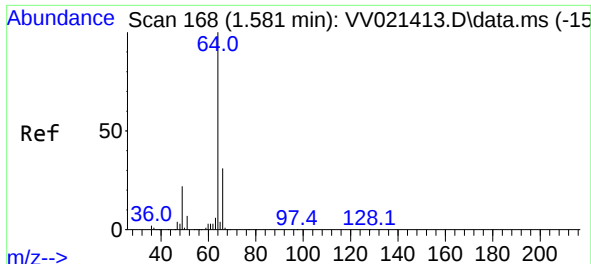
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#6
 Bromomethane
 Concen: 0.23 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021415.D
 Acq: 26 May 2021 11:02

Tgt Ion: 94 Resp: 2470
 Ion Ratio Lower Upper
 94 100
 96 84.1 65.9 122.3





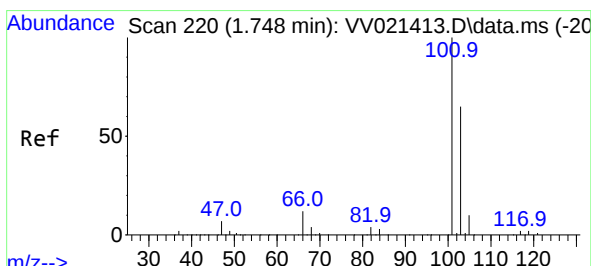
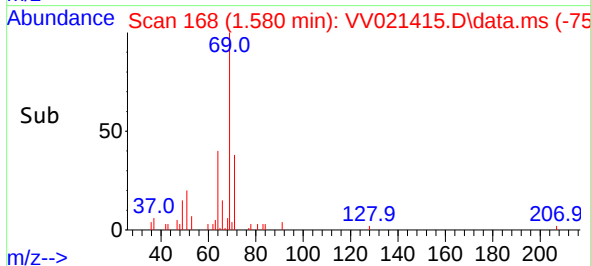
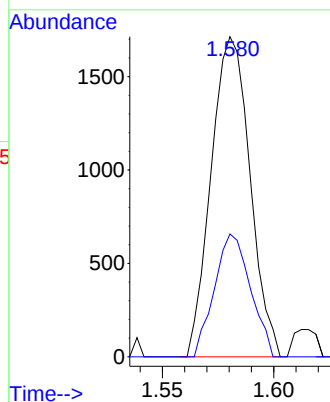
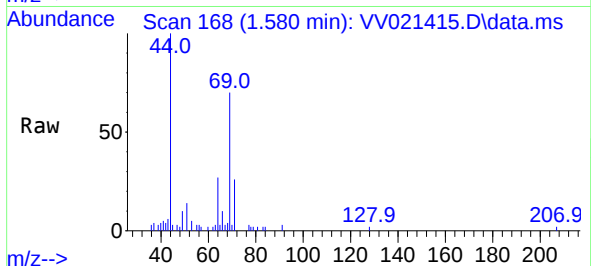
#8
Chloroethane
Concen: 0.21 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 64 Resp: 2081
Ion Ratio Lower Upper
64 100
66 38.4 22.3 41.3

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

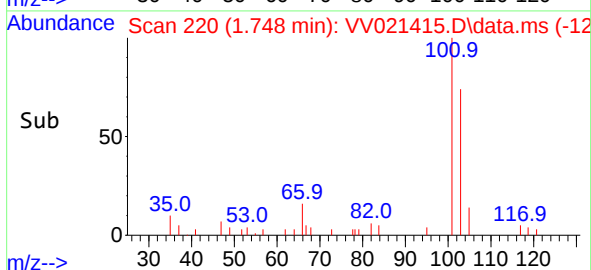
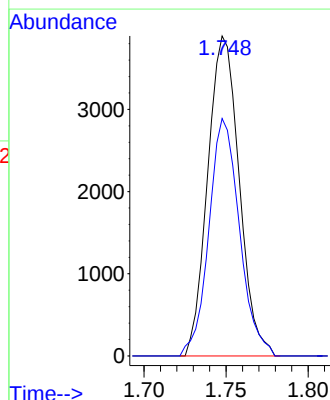
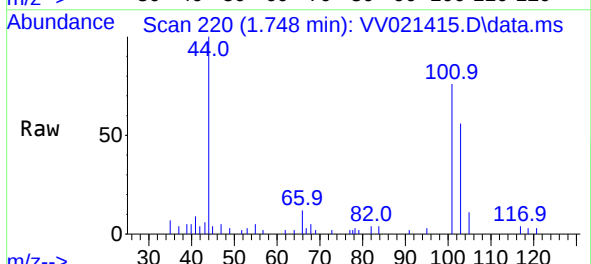
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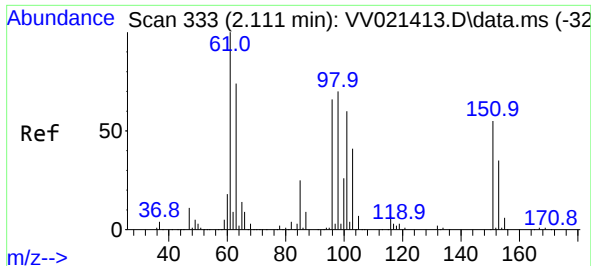
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#9
Trichlorofluoromethane
Concen: 0.21 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

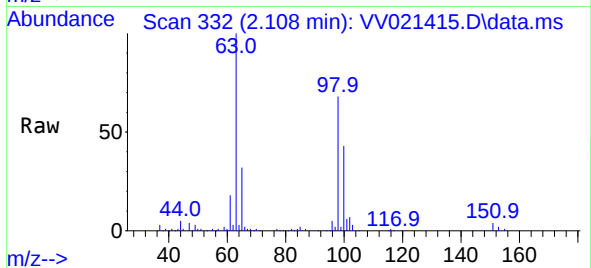
Tgt Ion: 101 Resp: 5192
Ion Ratio Lower Upper
101 100
103 72.1 52.0 78.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.28 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

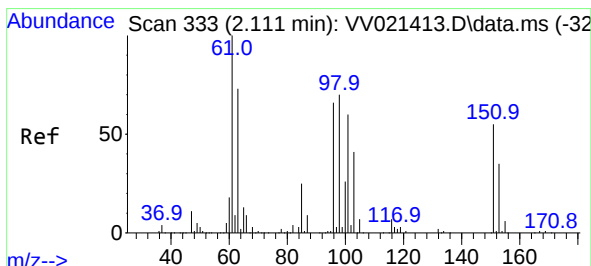
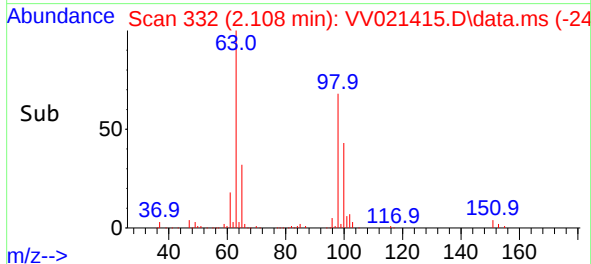
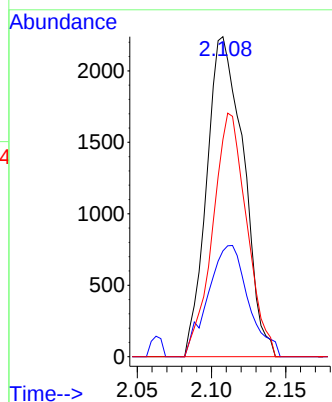
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



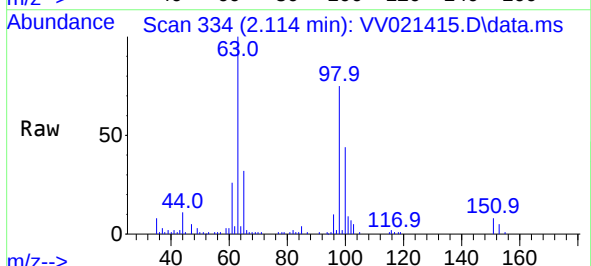
Tgt Ion:101 Resp: 3852
Ion Ratio Lower Upper
101 100
85 38.2 32.6 48.8
151 70.6 70.7 106.1#

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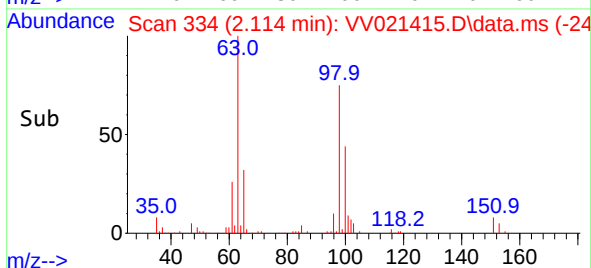
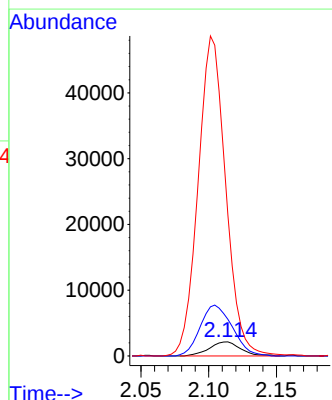
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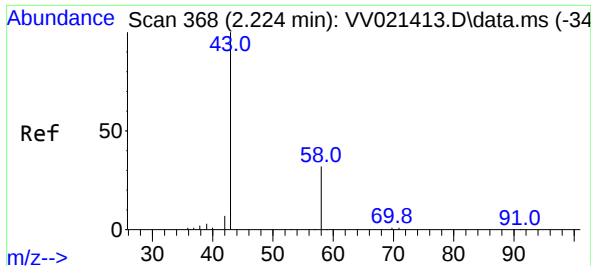


#12
1,1-Dichloroethene
Concen: 0.26 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



Tgt Ion: 96 Resp: 3462
Ion Ratio Lower Upper
96 100
61 260.9 103.7 192.5#
63 1007.2 62.4 115.8#





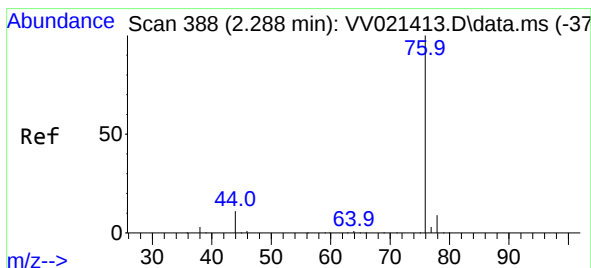
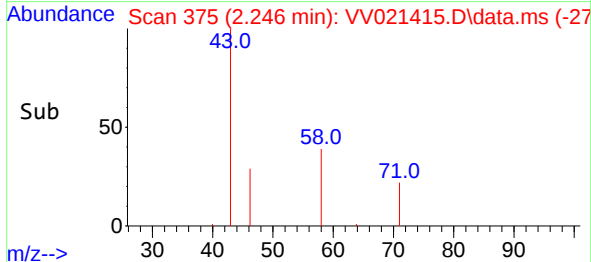
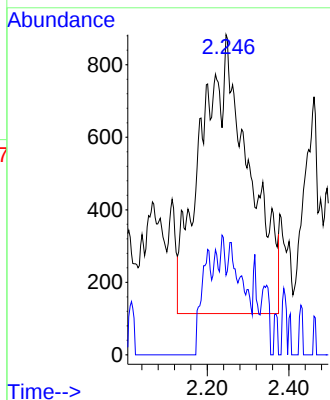
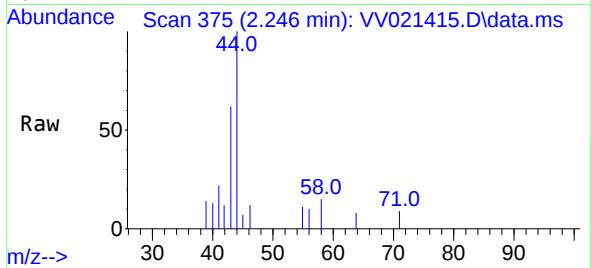
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Acetone
Concen: 2.75 ug/L m
RT: 2.246 min Scan# 375
Delta R.T. 0.022 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 43 Resp: 6281
Ion Ratio Lower Upper
43 100
58 0.6 0.0 18.6

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

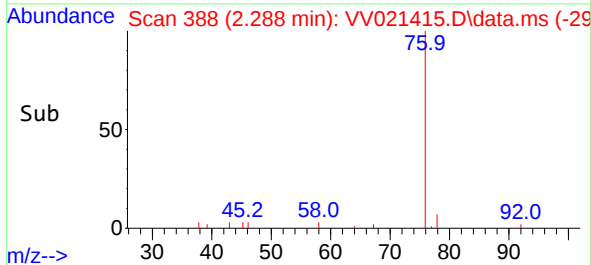
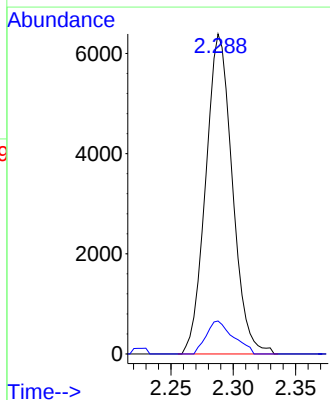
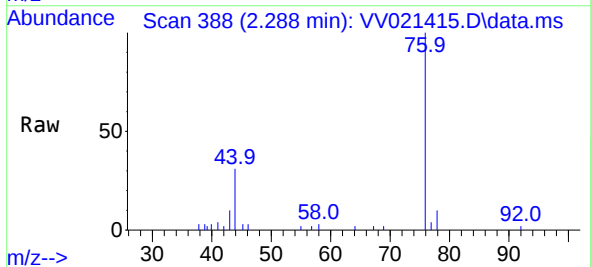
Manual Integrations
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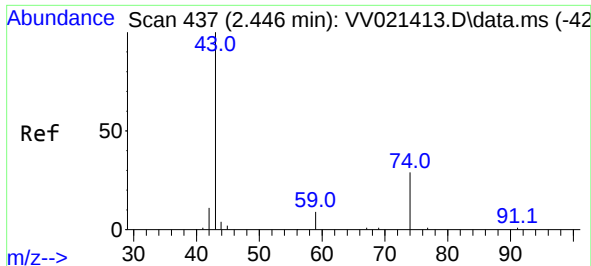
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5/28/2021 11:27:29 AM



#14
Carbon disulfide
Concen: 0.21 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 76 Resp: 9507
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0





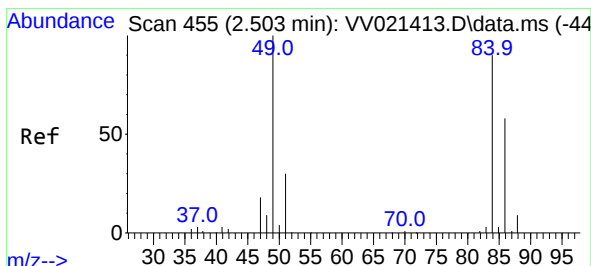
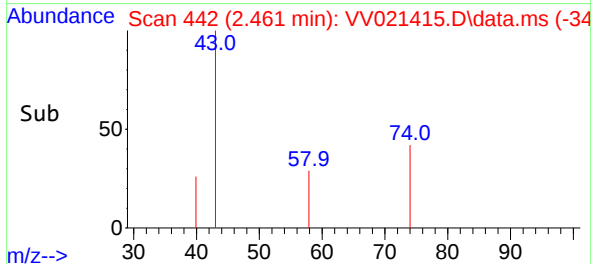
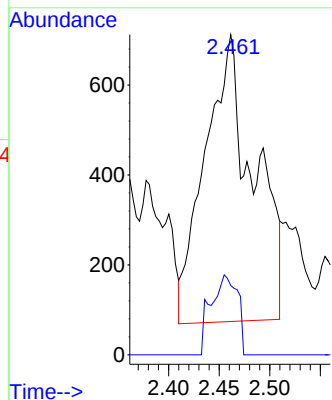
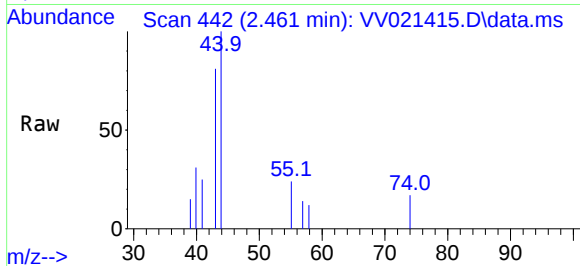
#15
Methyl Acetate
Concen: 0.40 ug/L m
RT: 2.461 min Scan# 442
Delta R.T. 0.016 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
74 15.2 18.8 28.2#

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

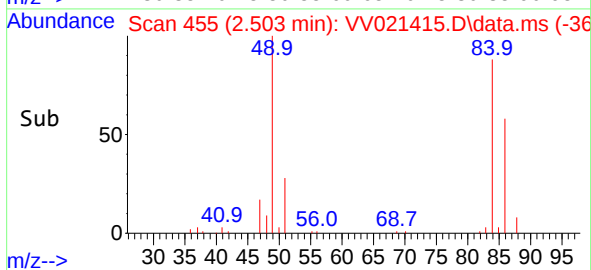
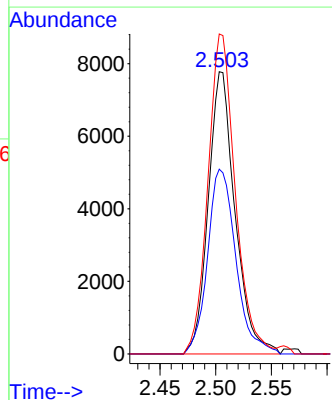
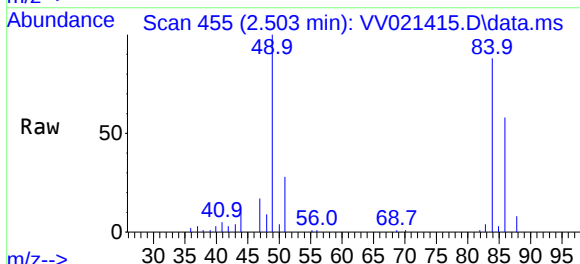
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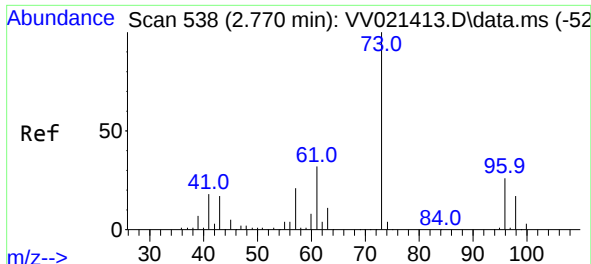
MMDadoda
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#16
Methylene chloride
Concen: 0.60 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 84 Resp: 13019
Ion Ratio Lower Upper
84 100
86 65.5 44.7 82.9
49 113.4 82.7 153.5





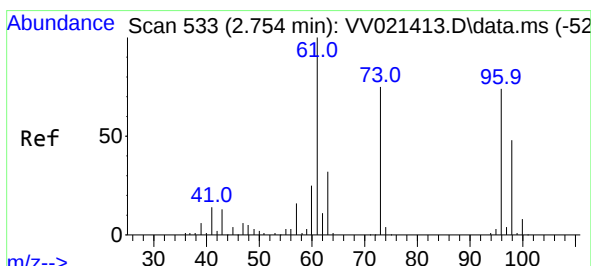
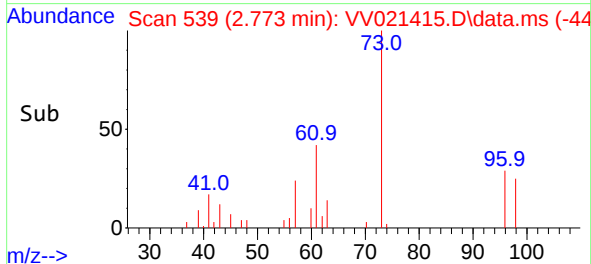
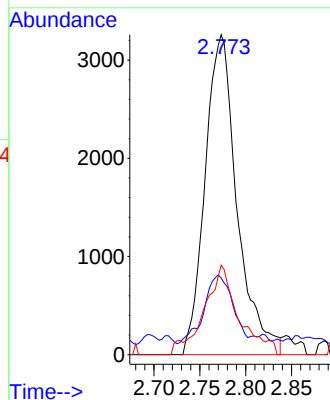
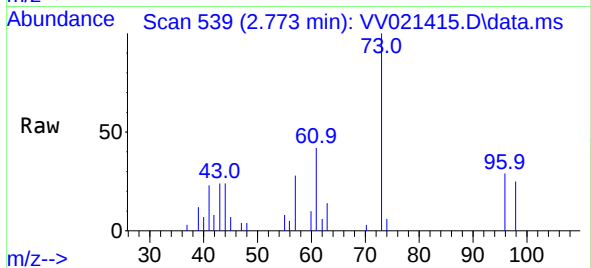
#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 73	Resp: 7905
Ion Ratio	Lower Upper
73 100	
43 19.5	13.4 20.2
57 22.9	17.8 26.8

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

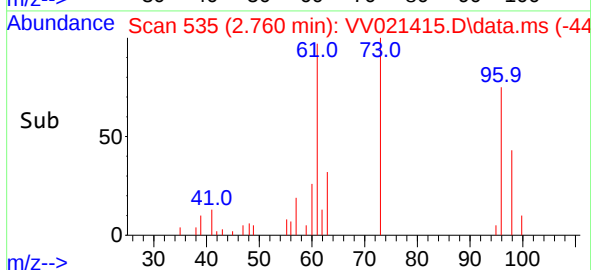
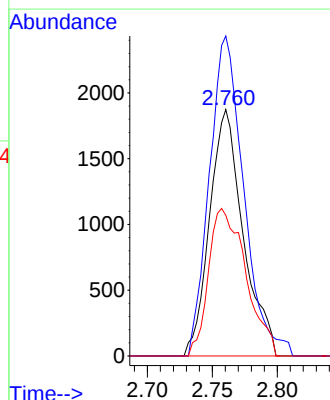
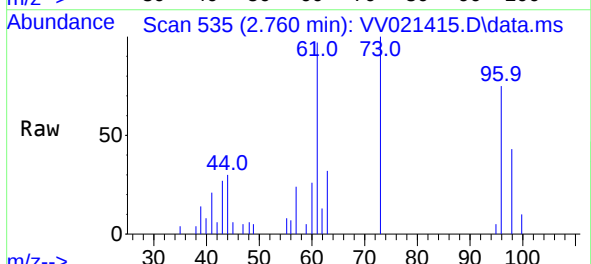
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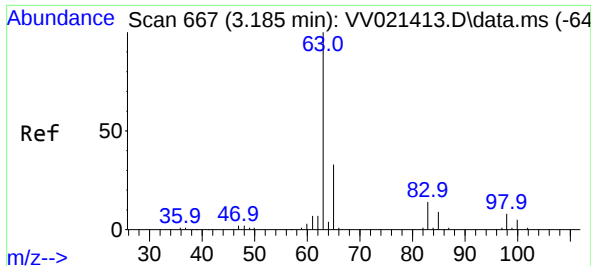
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#18
trans-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 96	Resp: 3369		
Ion Ratio	Lower	Upper	
96 100			
61 129.8	88.7	164.7	
98 57.0	44.4	82.4	





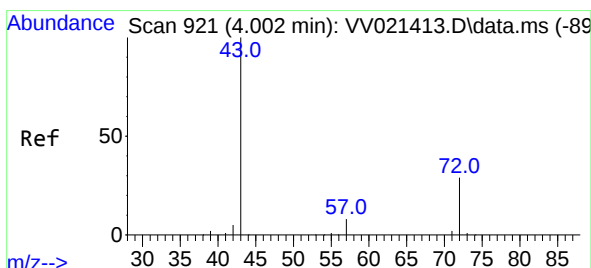
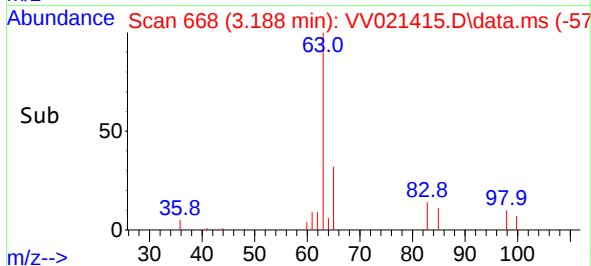
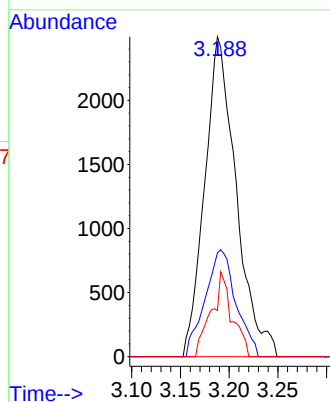
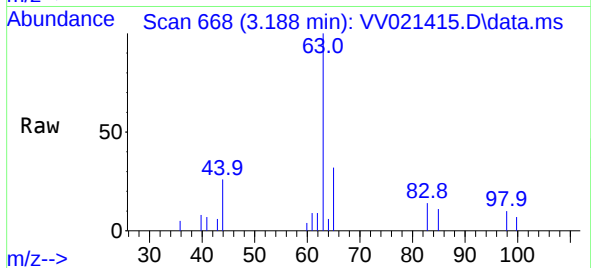
#19
1,1-Dichloroethane
Concen: 0.19 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	63	Resp:	5600
Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.2	43.2
83	14.5	9.4	17.4

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

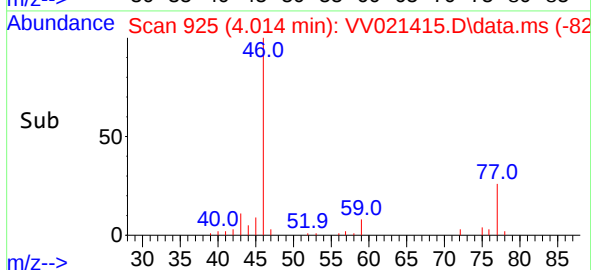
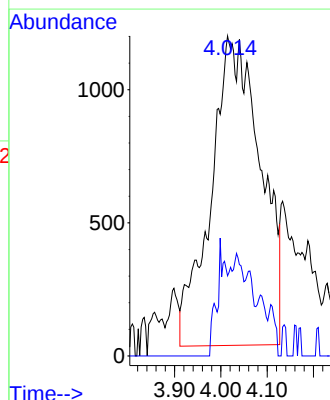
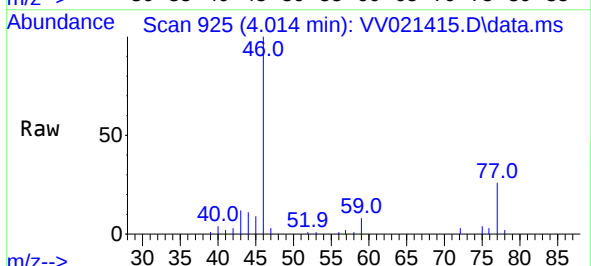
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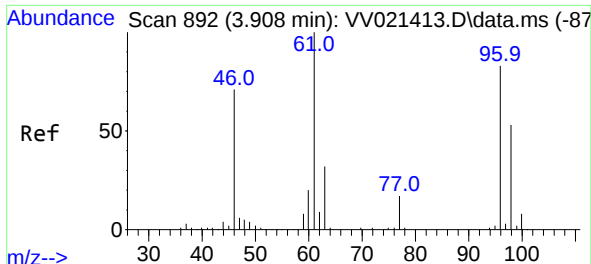
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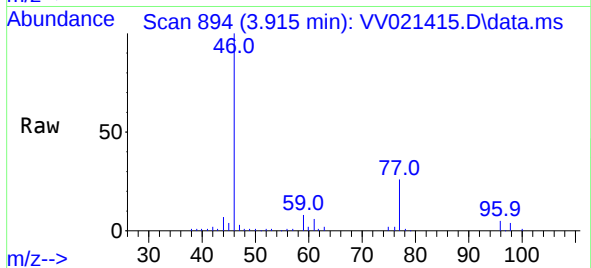
#21
2-Butanone
Concen: 2.23 ug/L m
RT: 4.014 min Scan# 925
Delta R.T. 0.013 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	43	Resp:	8658
Ion	Ratio	Lower	Upper
43	100		
72	0.7	10.7	31.9#

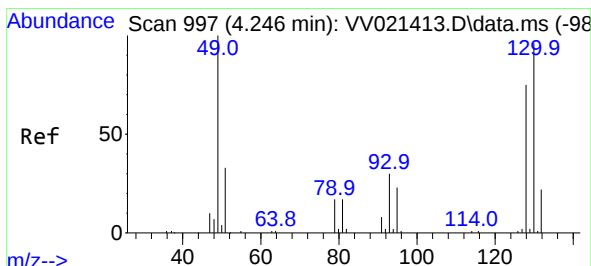
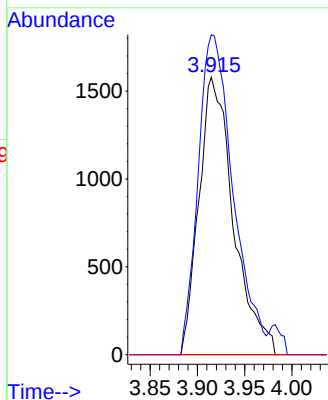
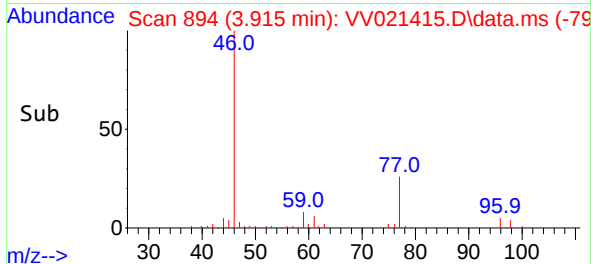




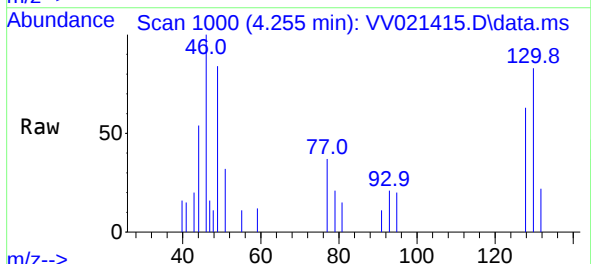
#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



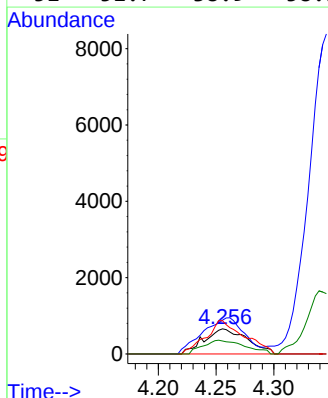
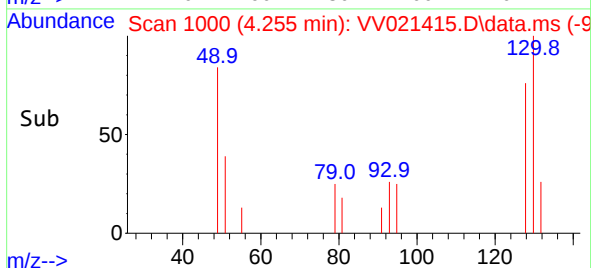
Tgt Ion: 96 Resp: 4011
Ion Ratio Lower Upper
96 100
61 115.3 81.9 152.1
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.21 ug/L
RT: 4.255 min Scan# 1000
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



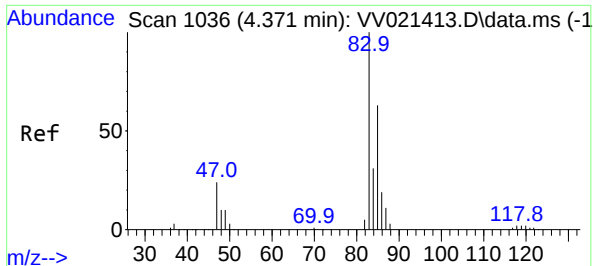
Tgt Ion: 128 Resp: 1693
Ion Ratio Lower Upper
128 100
49 134.2 102.3 190.1
130 132.4 94.3 175.1
51 51.7 38.9 58.3



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

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5/28/2021 11:27:29 AM



#25

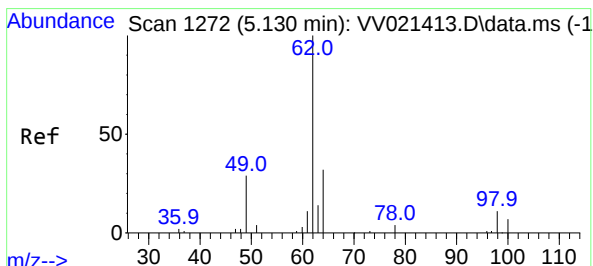
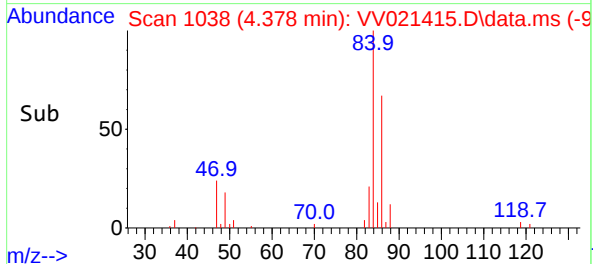
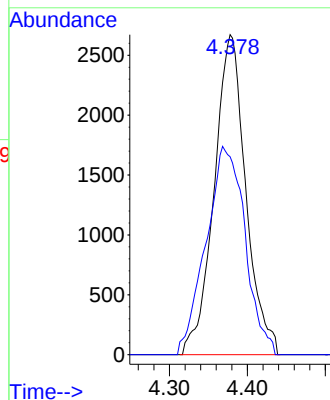
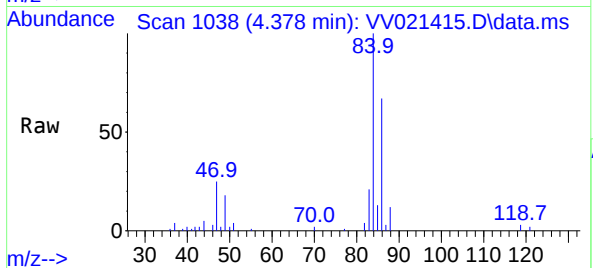
Chloroform
Concen: 0.25 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 83 Resp: 7553
Ion Ratio Lower Upper
83 100
85 61.9 45.8 85.2

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

Manual Integrations
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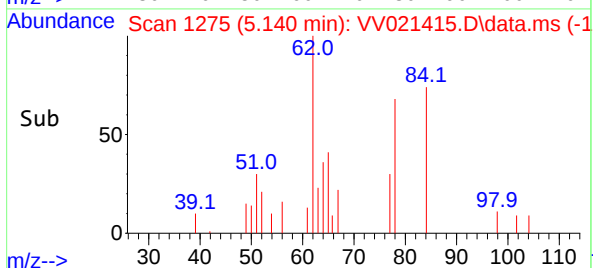
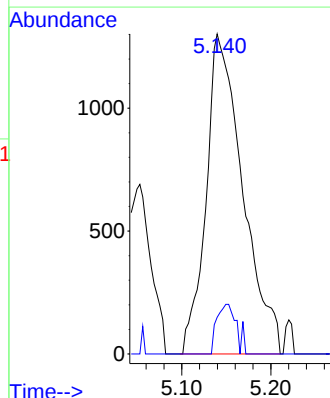
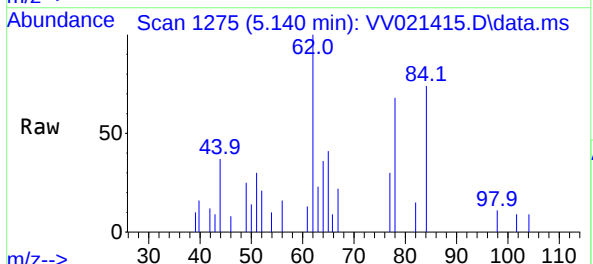
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5/28/2021 11:27:29 AM

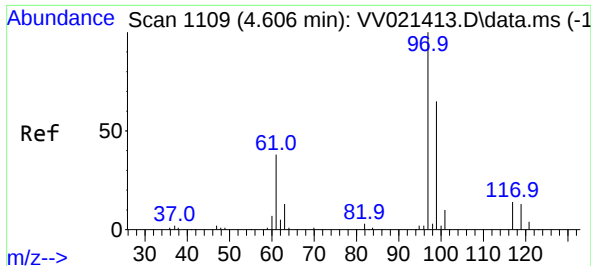


#27

1,2-Dichloroethane
Concen: 0.23 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 62 Resp: 3712
Ion Ratio Lower Upper
62 100
98 11.4 8.4 12.6





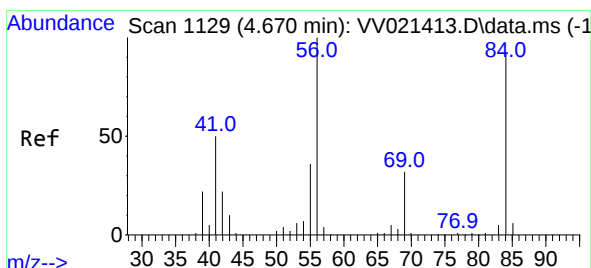
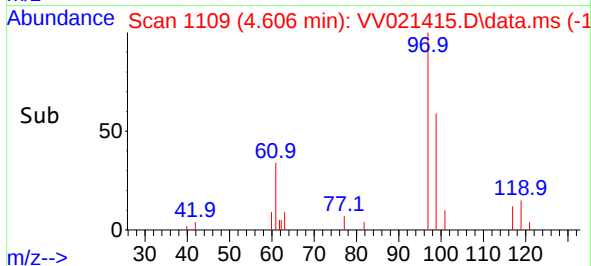
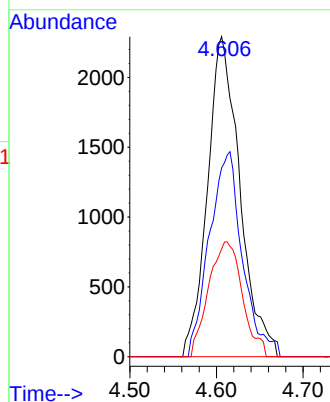
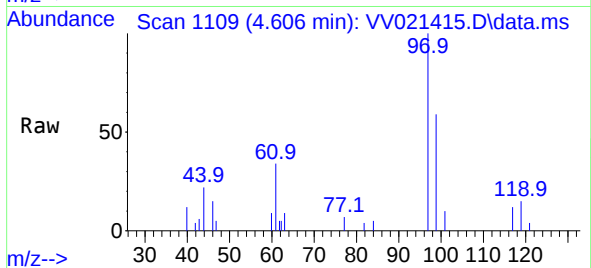
#29
1,1,1-Trichloroethane
Concen: 0.22 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	97	Resp:	5948
Ion	Ratio	Lower	Upper
97	100		
99	65.5	50.6	75.8
61	37.4	30.4	45.6

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

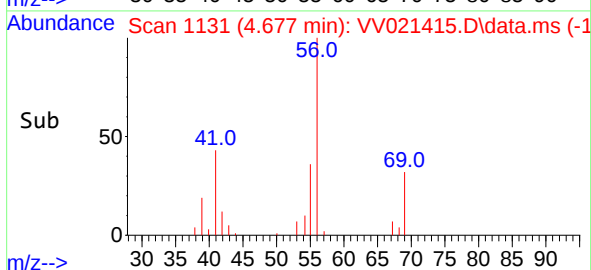
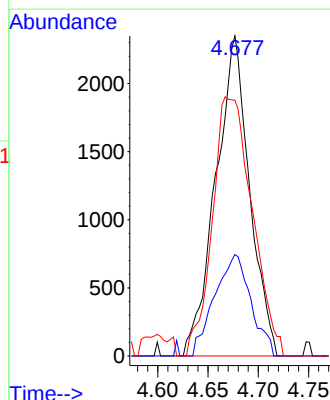
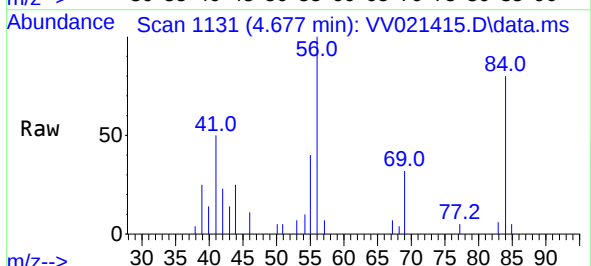
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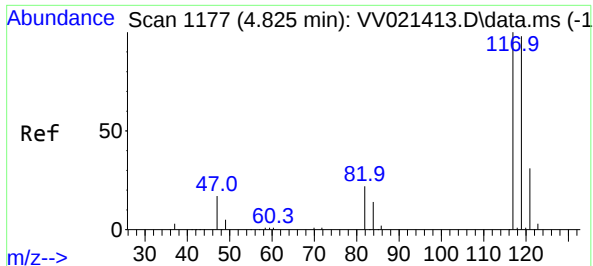
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#30
Cyclohexane
Concen: 0.20 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	56	Resp:	5496
Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.2	37.8
84	95.0	72.7	109.1





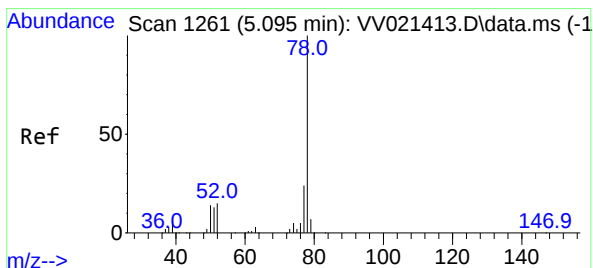
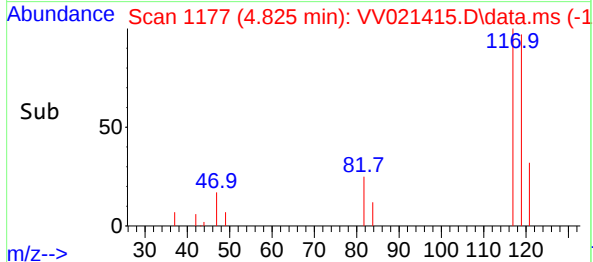
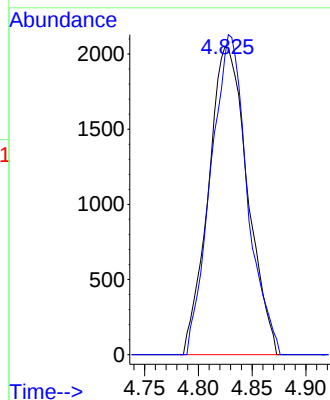
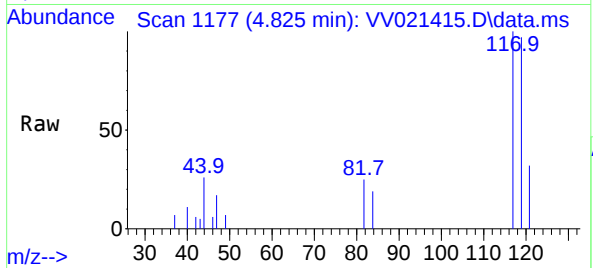
#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:117 Resp: 5174
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6

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

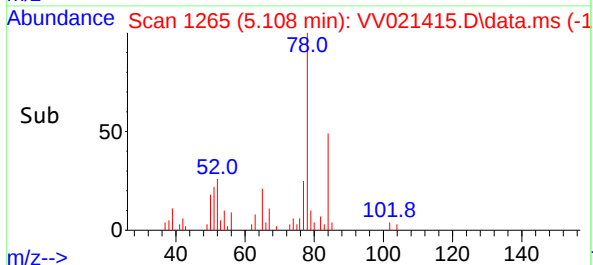
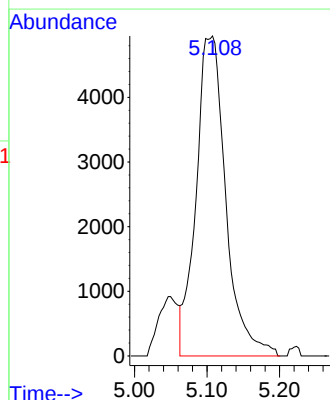
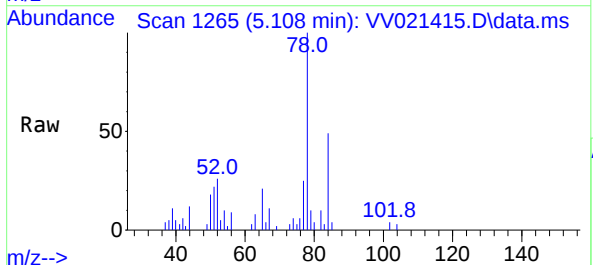
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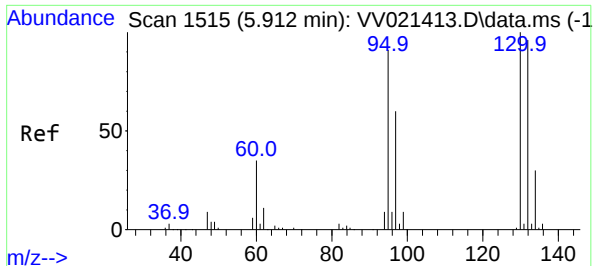
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5/28/2021 11:27:29 AM



#33
Benzene
Concen: 0.22 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 78 Resp: 14075





#34

Trichloroethene

Concen: 0.22 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV021415.D

Acq: 26 May 2021 11:02

Tgt Ion: 95 Resp: 3872

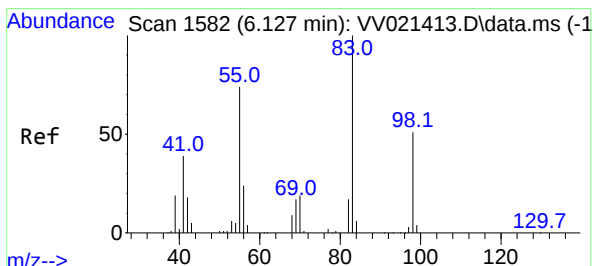
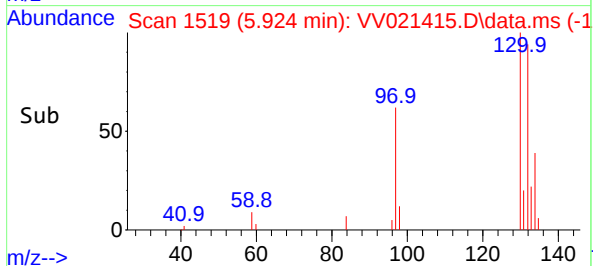
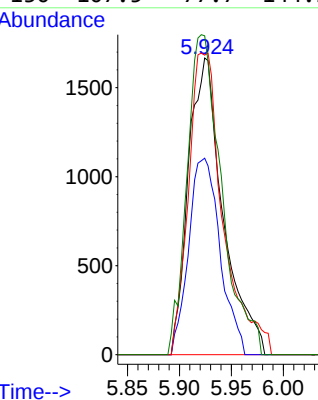
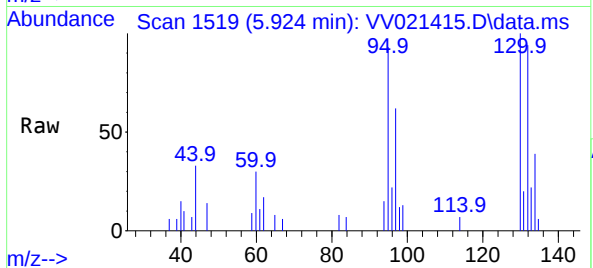
Ion Ratio Lower Upper

95 100

97 66.2 45.4 84.4

132 101.0 74.5 138.3

130 107.5 77.7 144.3



#35

Methylcyclohexane

Concen: 0.23 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV021415.D

Acq: 26 May 2021 11:02

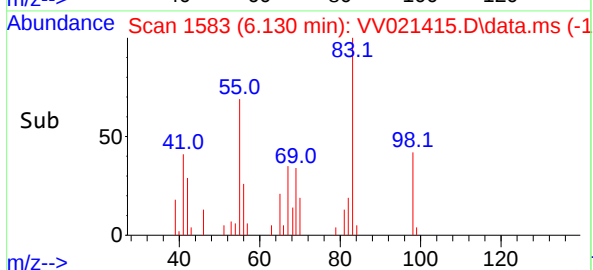
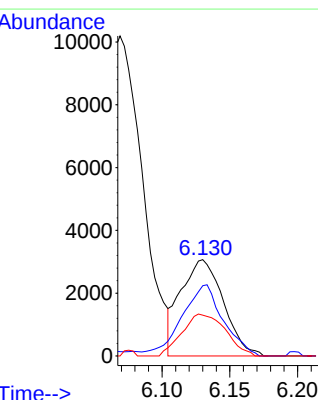
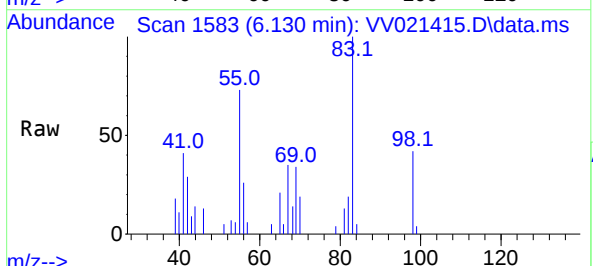
Tgt Ion: 83 Resp: 6716

Ion Ratio Lower Upper

83 100

55 71.6 57.7 86.5

98 44.3 40.6 61.0



Instrument :

MSVOA_V

ClientSampleId :

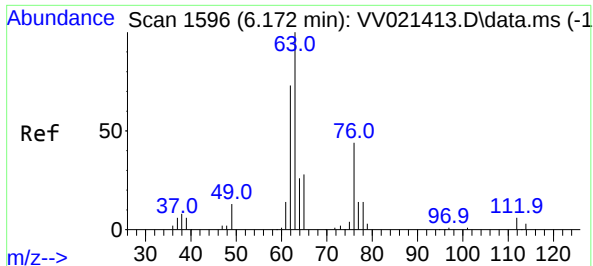
MDL-WATER-QT3-2021-06

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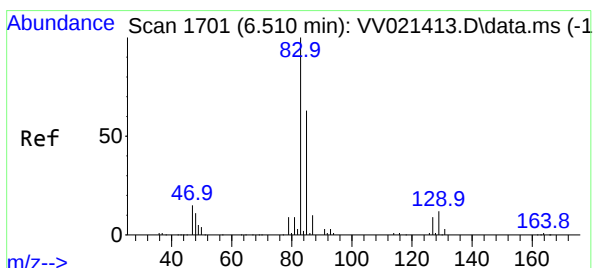
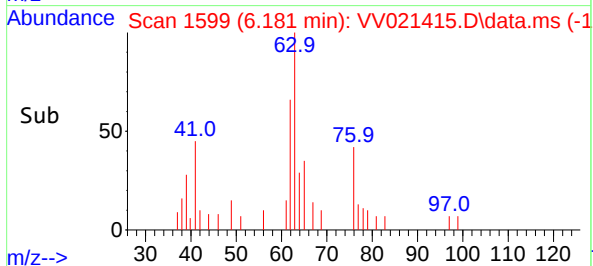
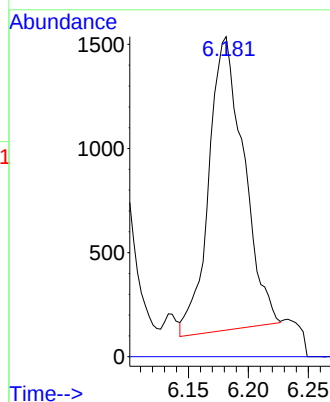
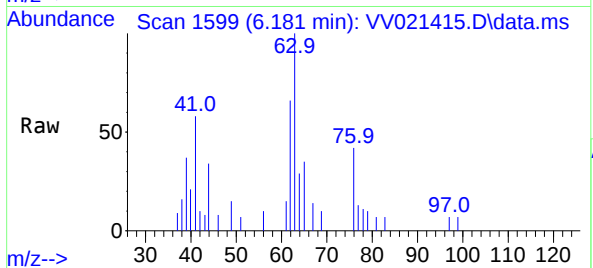
#37
1,2-Dichloropropane
Concen: 0.18 ug/L
RT: 6.181 min Scan# 1599
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 63 Resp: 2861
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

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

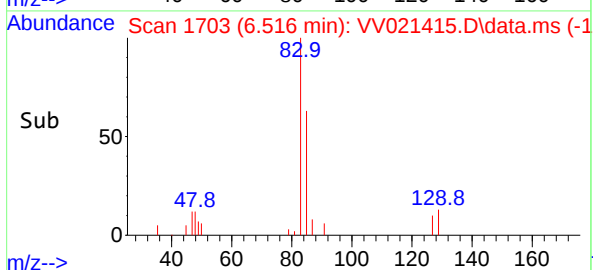
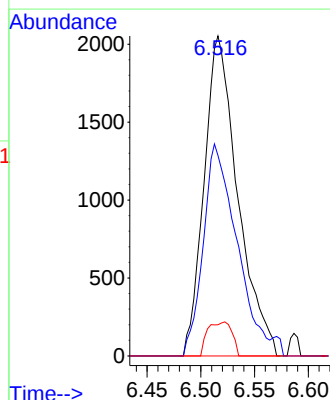
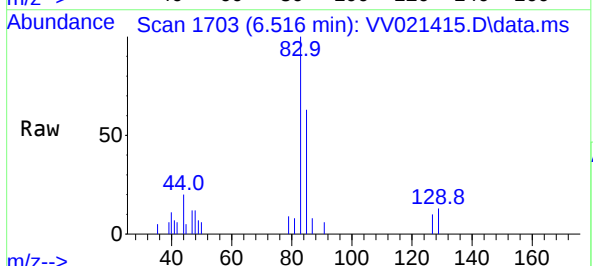
Manual Integrations
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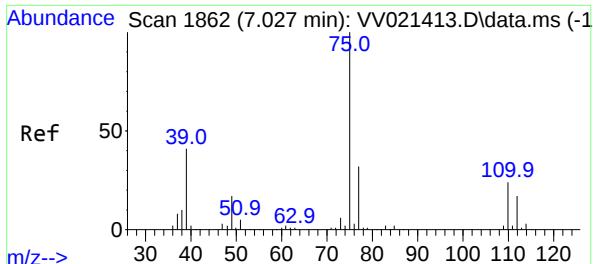
MMDadoda
5/28/2021 11:27:29 AM



#38
Bromodichloromethane
Concen: 0.21 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 83 Resp: 4472
Ion Ratio Lower Upper
83 100
85 62.6 46.2 85.8
127 9.7 7.3 10.9





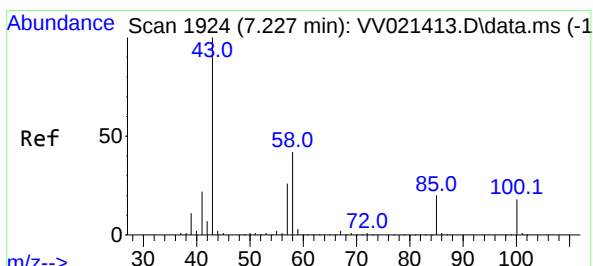
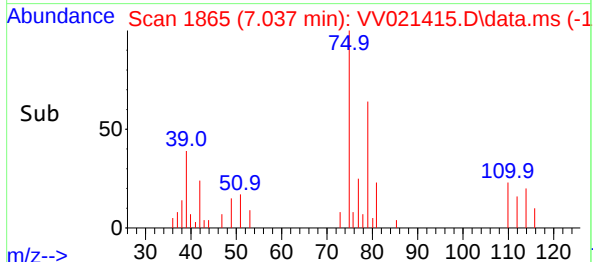
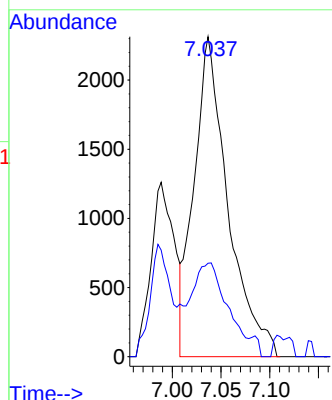
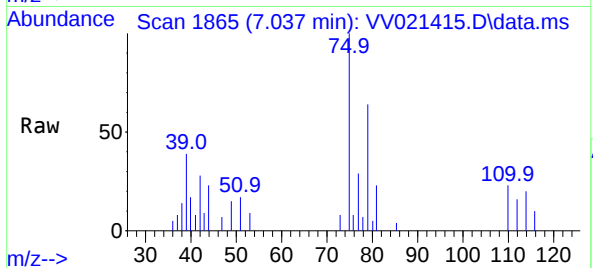
#39
cis-1,3-Dichloropropene
Concen: 0.22 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 75 Resp: 5594
Ion Ratio Lower Upper
75 100
77 29.2 22.8 42.4

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

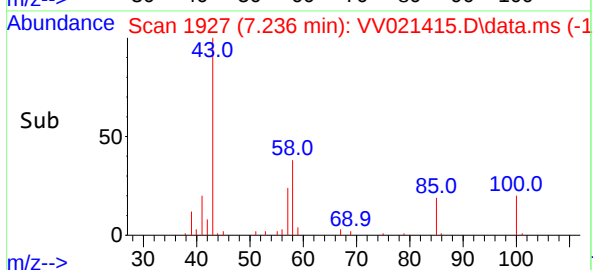
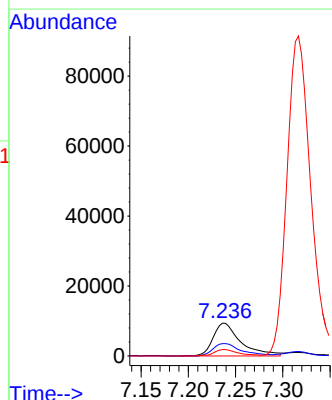
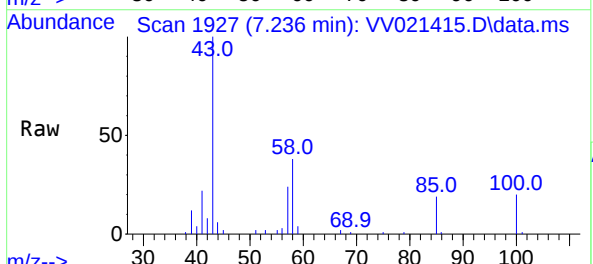
Manual Integrations
APPROVED

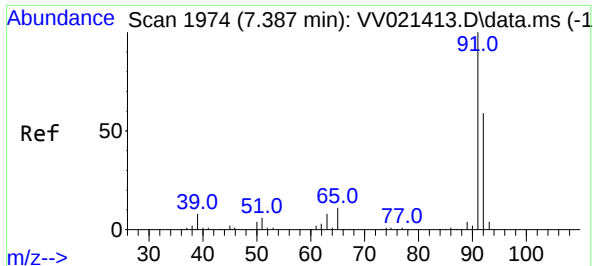
MMDadoda
5/28/2021 11:27:29 AM



#40
4-Methyl-2-pentanone
Concen: 1.97 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 43 Resp: 19185
Ion Ratio Lower Upper
43 100
58 38.3 33.9 50.9
100 0.0 14.2 21.4#





#42

Toluene

Concen: 0.25 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV021415.D

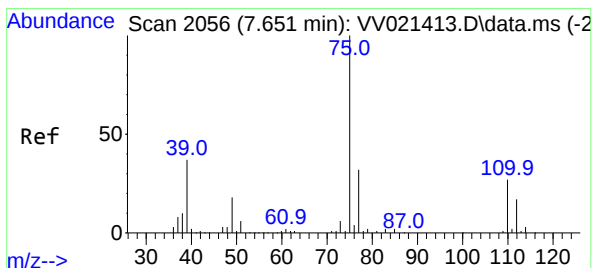
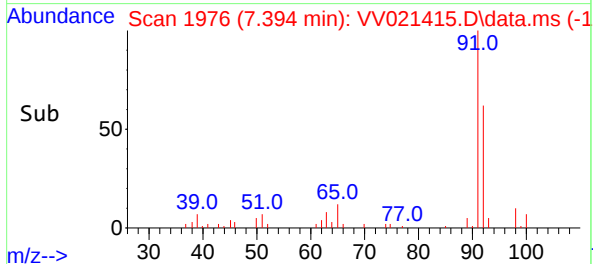
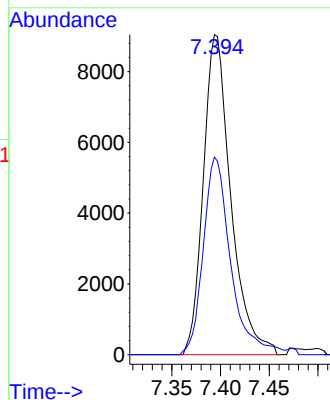
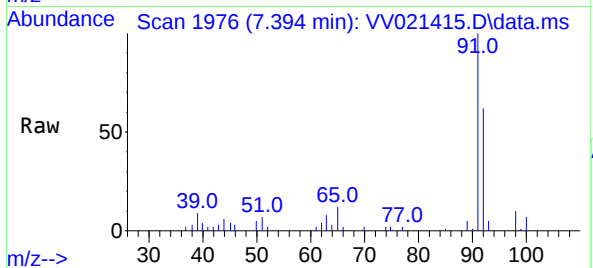
Acq: 26 May 2021 11:02

Tgt Ion: 91 Resp: 17794

Ion Ratio Lower Upper

91 100

92 61.7 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.27 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.009 min

Lab File: VV021415.D

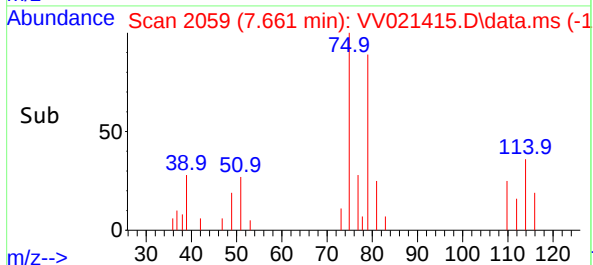
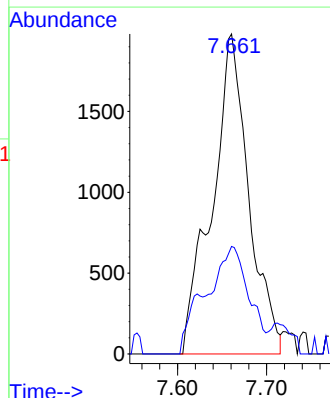
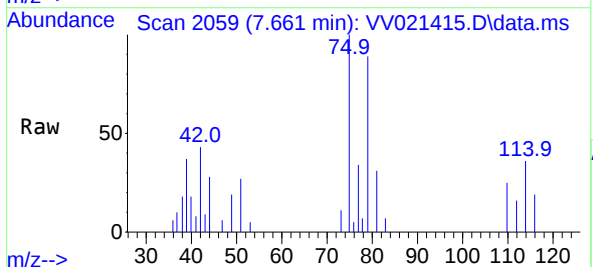
Acq: 26 May 2021 11:02

Tgt Ion: 75 Resp: 5661

Ion Ratio Lower Upper

75 100

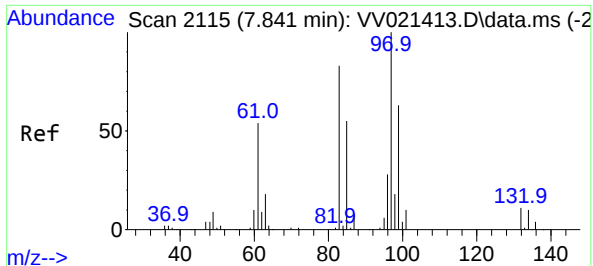
77 33.6 22.2 41.2



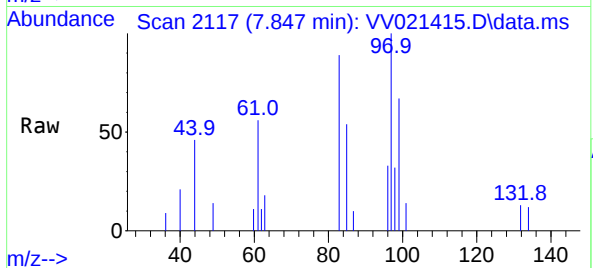
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

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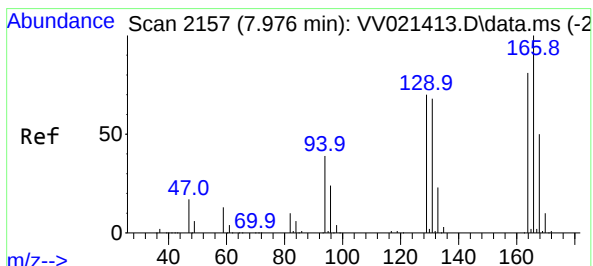
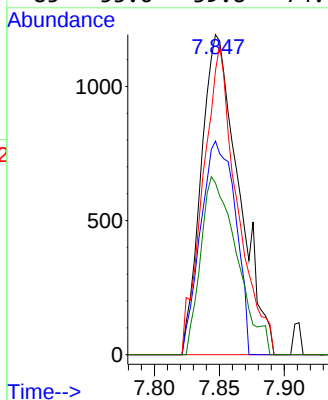
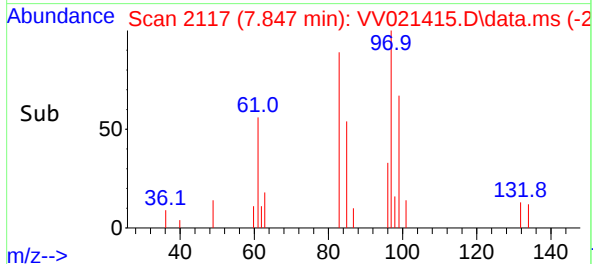
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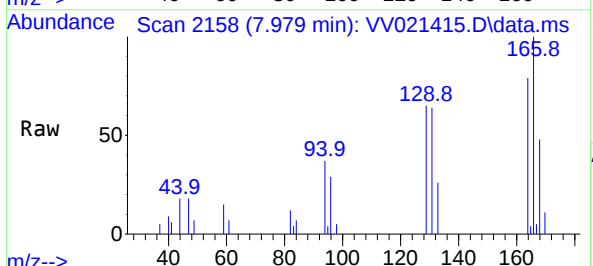
#45
1,1,2-Trichloroethane
Concen: 0.20 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



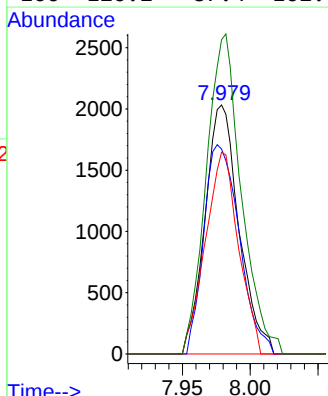
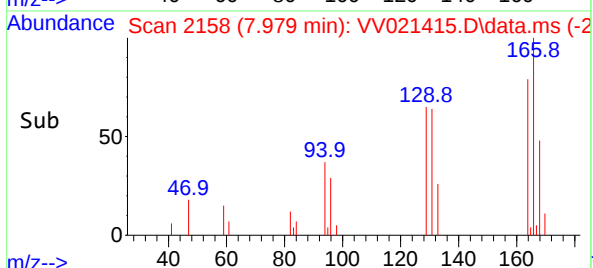
Tgt Ion:	97	Resp:	2401
Ion	Ratio	Lower	Upper
97	100		
99	66.7	44.0	81.8
83	88.8	59.0	109.6
85	53.6	39.8	74.0



#47
Tetrachloroethene
Concen: 0.22 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



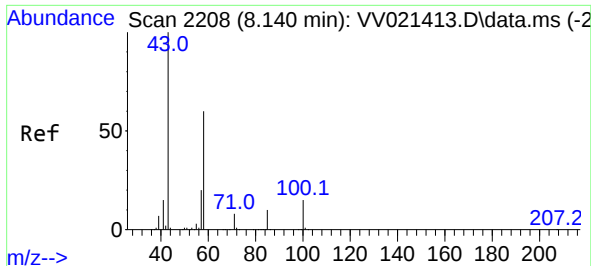
Tgt Ion:	164	Resp:	3549
Ion	Ratio	Lower	Upper
164	100		
129	82.3	61.8	114.8
131	81.0	57.8	107.4
166	126.2	87.4	162.4



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

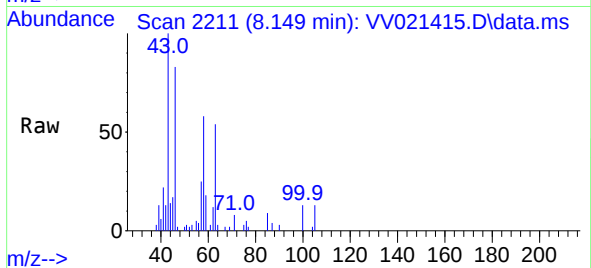
Manual Integrations
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#48
2-Hexanone
Concen: 2.20 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

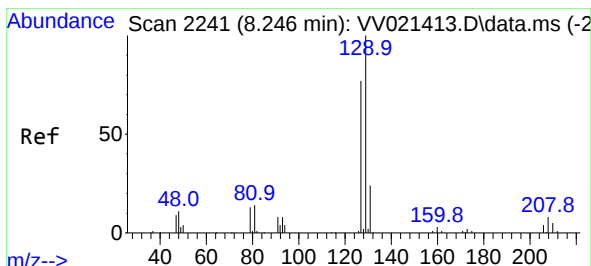
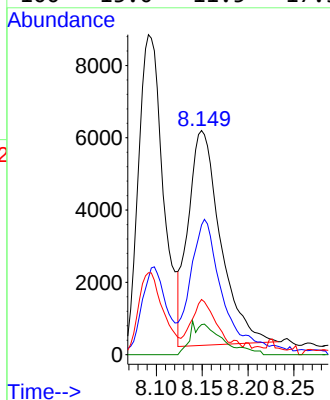
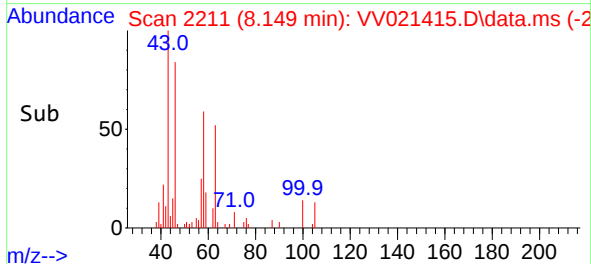
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



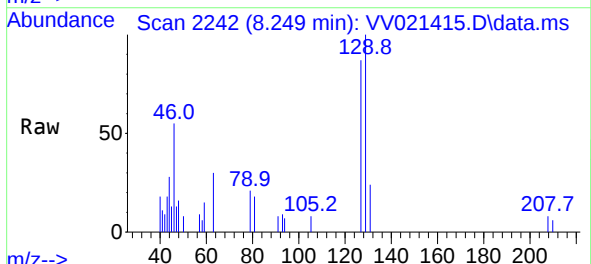
Tgt Ion: 43 Resp: 14584
Ion Ratio Lower Upper
43 100
58 56.8 47.0 70.4
57 14.7 15.4 23.2#
100 13.0 11.5 17.3

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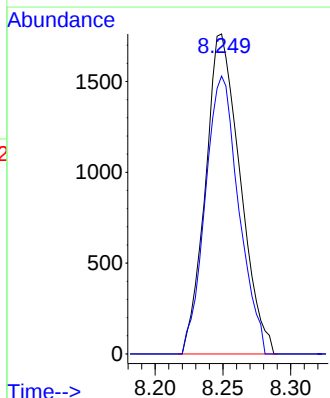
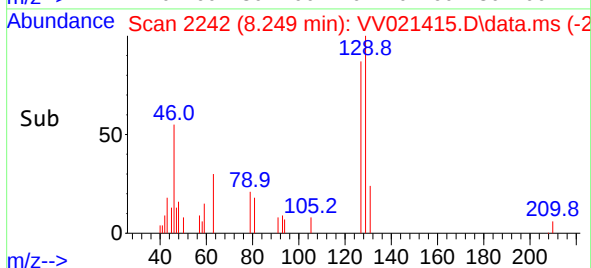
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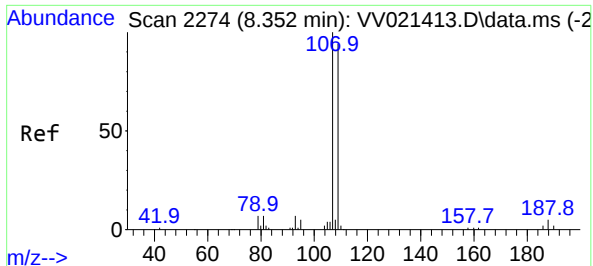


#49
Dibromochloromethane
Concen: 0.20 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

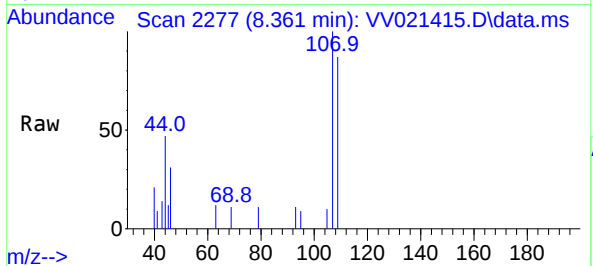


Tgt Ion: 129 Resp: 3133
Ion Ratio Lower Upper
129 100
127 86.8 55.4 103.0

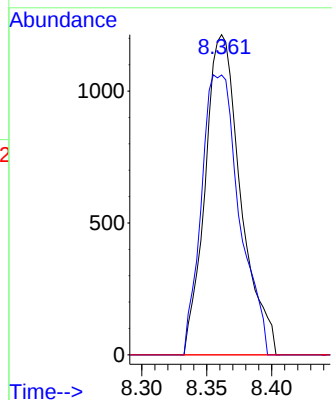




#50
1,2-Dibromoethane
Concen: 0.20 ug/L
RT: 8.361 min Scan# 2277
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



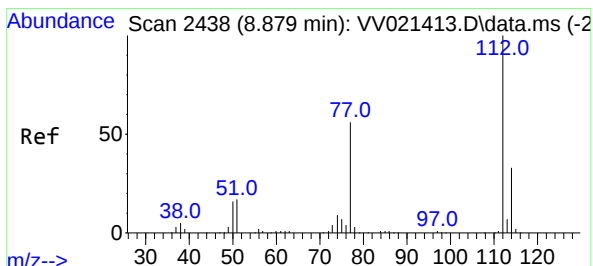
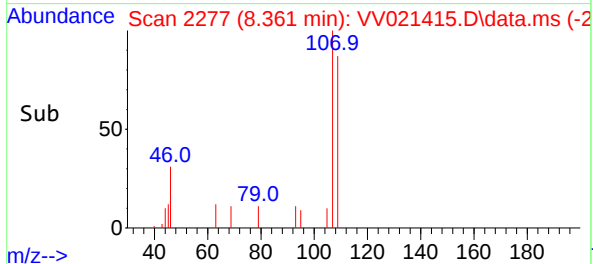
Tgt Ion:107 Resp: 2320
Ion Ratio Lower Upper
107 100
109 87.4 65.3 121.3
188 0.0 3.8 5.6#



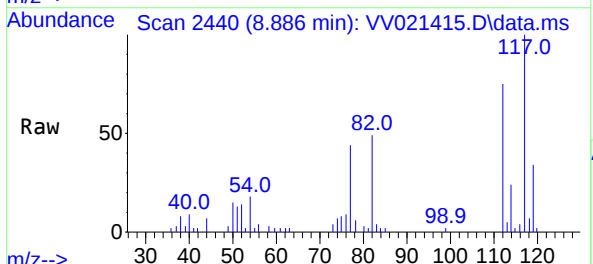
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

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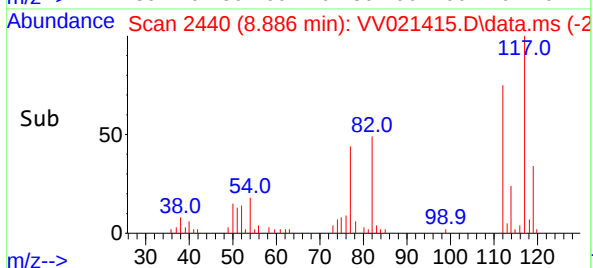
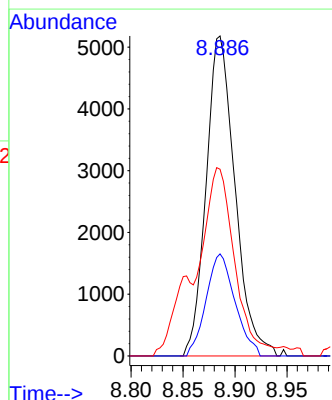
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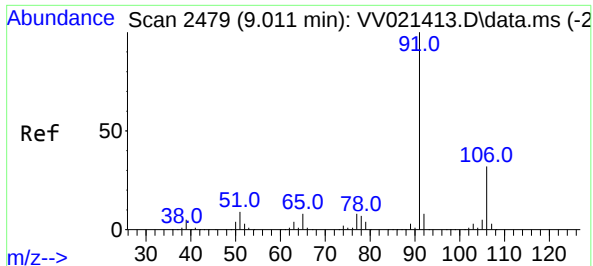


#51
Chlorobenzene
Concen: 0.21 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



Tgt Ion:112 Resp: 10021
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.9
77 58.4 44.5 66.7





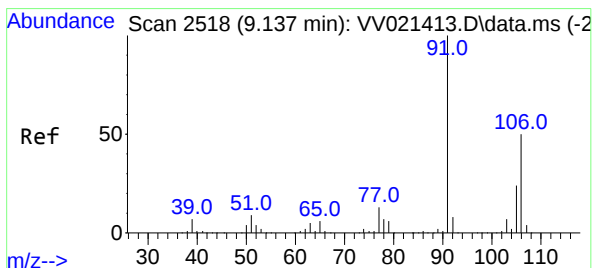
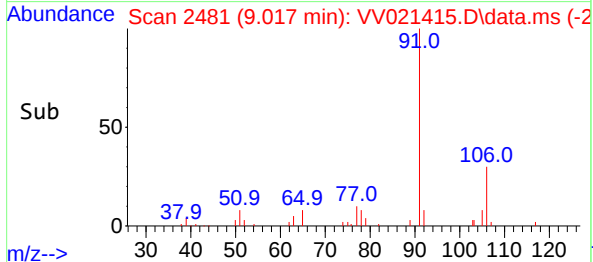
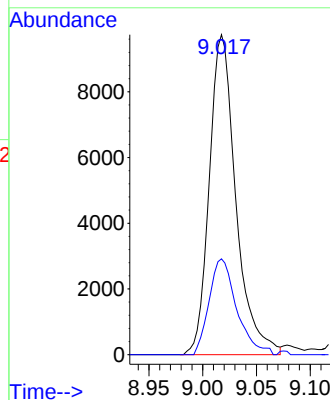
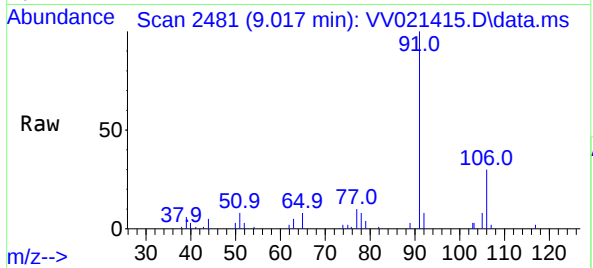
#52
Ethylbenzene
Concen: 0.21 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 91 Resp: 16767
Ion Ratio Lower Upper
91 100
106 30.0 22.0 41.0

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

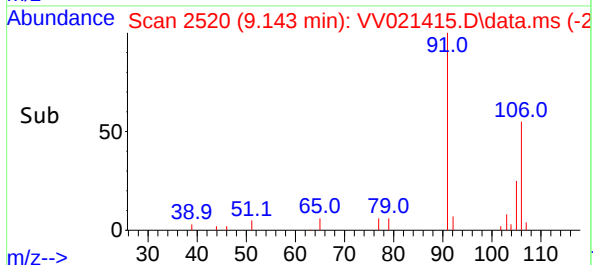
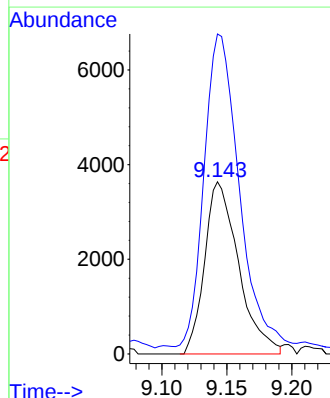
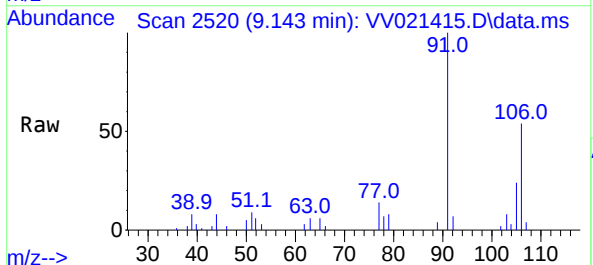
Manual Integrations
APPROVED

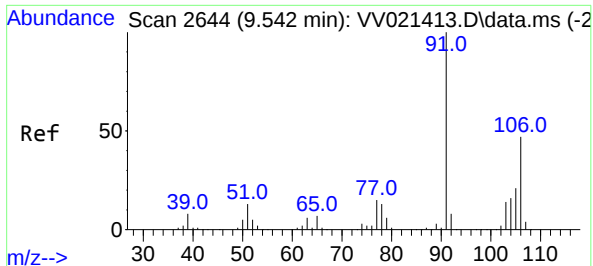
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#53
m,p-xylene
Concen: 0.22 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion: 106 Resp: 6604
Ion Ratio Lower Upper
106 100
91 185.9 140.8 261.4





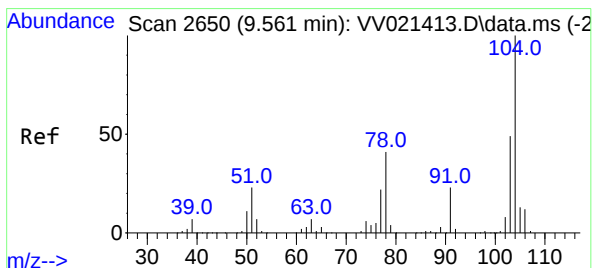
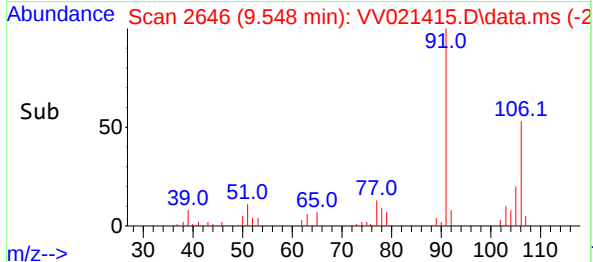
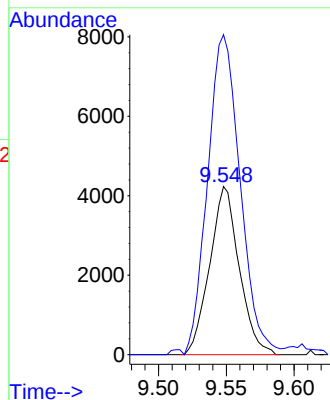
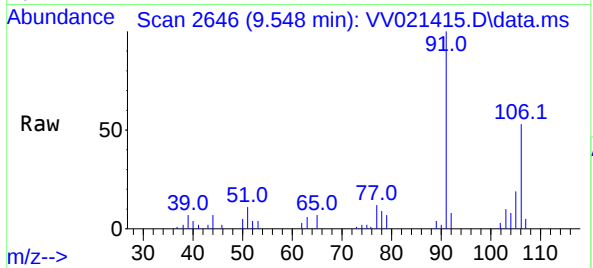
#54
o-xylene
Concen: 0.21 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:106 Resp: 6409
Ion Ratio Lower Upper
106 100
91 190.4 146.7 272.4

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

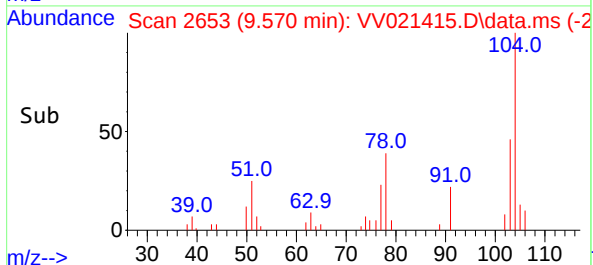
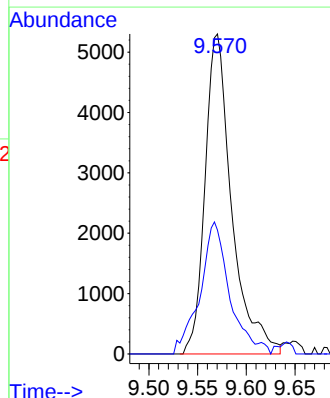
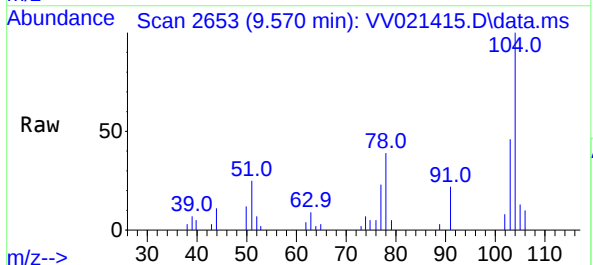
Manual Integrations
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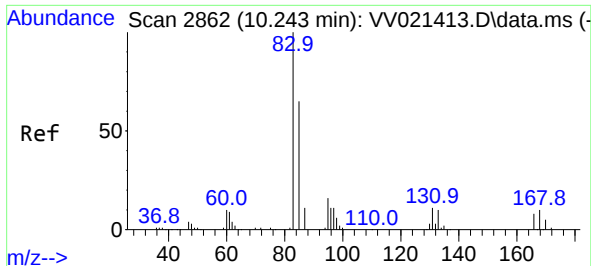
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#55
Styrene
Concen: 0.20 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:104 Resp: 10101
Ion Ratio Lower Upper
104 100
78 38.7 29.7 55.1





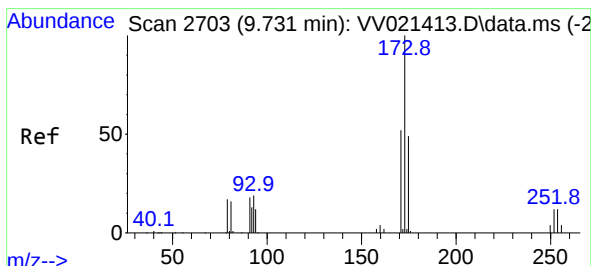
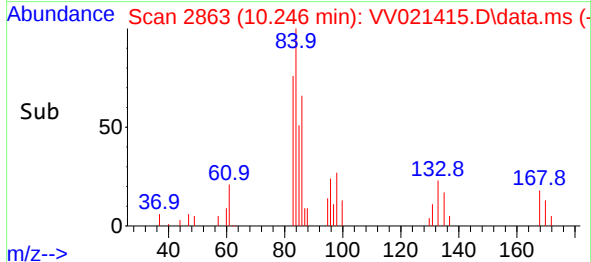
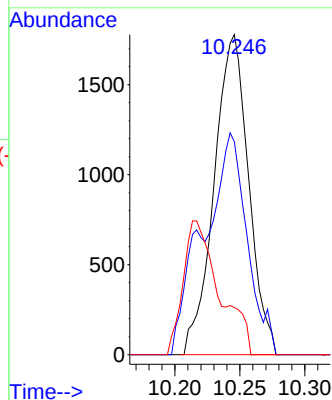
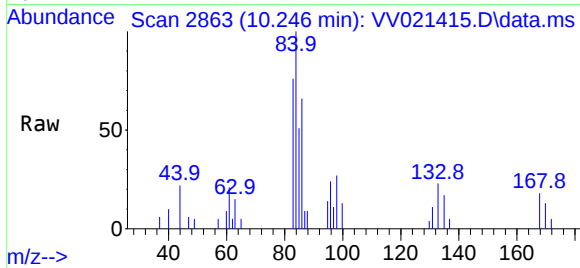
#57
1,1,2,2-Tetrachloroethane
Concen: 0.24 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	83	Resp:	3281
Ion	Ratio	Lower	Upper
83	100		
85	66.6	43.3	80.3
131	14.8	9.4	14.0#

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

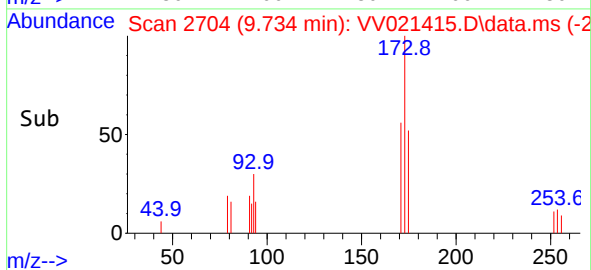
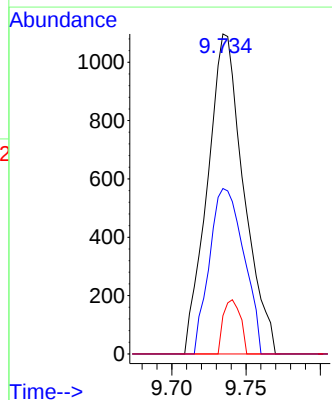
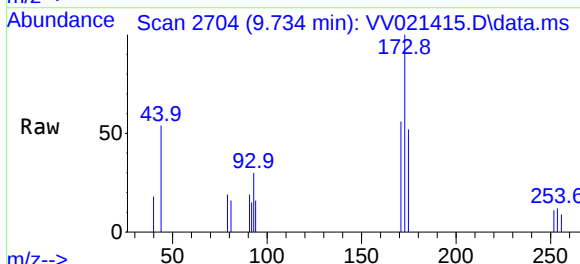
Manual Integrations
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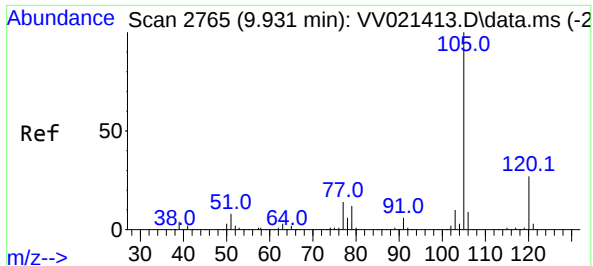
MMDadoda
5/28/2021 11:27:29 AM



#59
Bromoform
Concen: 0.19 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	173	Resp:	1861
Ion	Ratio	Lower	Upper
173	100		
175	49.0	40.2	60.4
254	8.0	9.8	14.8#





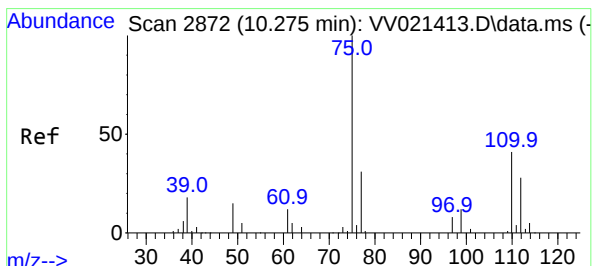
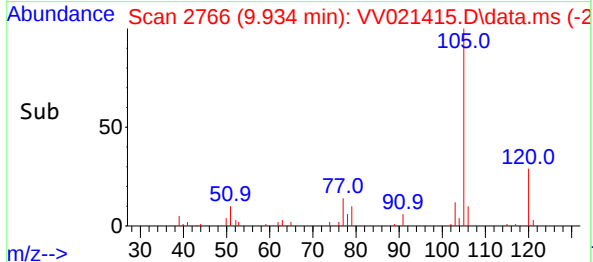
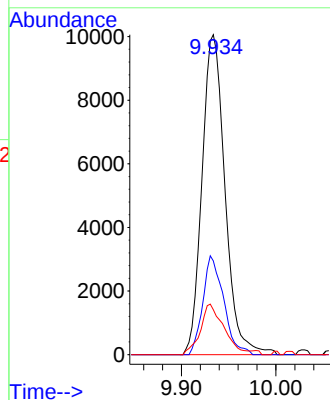
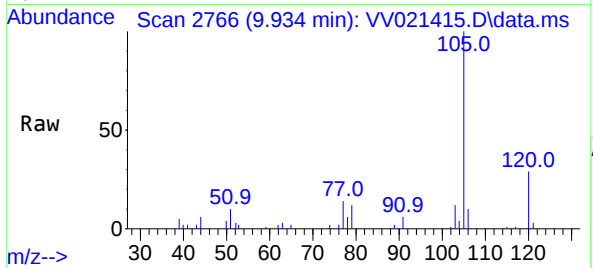
#60
Isopropylbenzene
Concen: 0.21 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	105	Resp:	17013
Ion Ratio	Lower	Upper	
105	100		
120	27.9	21.8	32.8
77	16.2	11.3	16.9

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

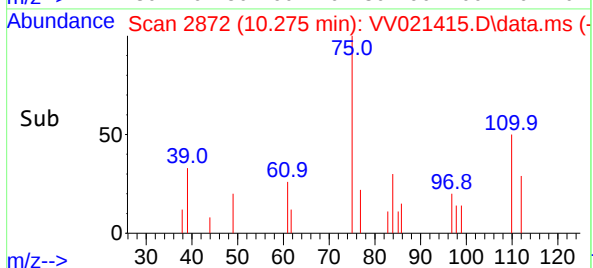
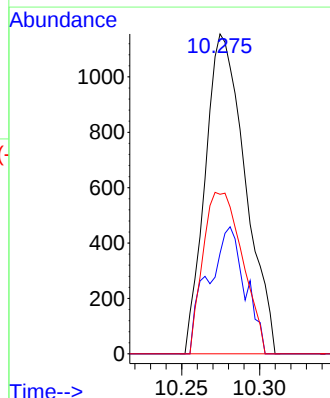
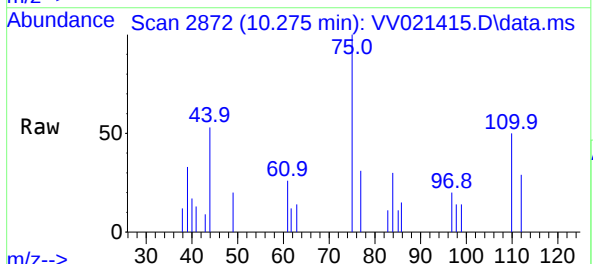
Manual Integrations
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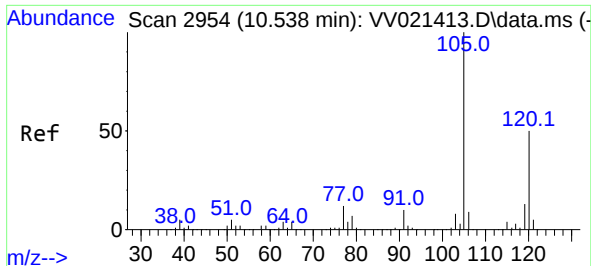
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5/28/2021 11:27:29 AM



#61
1,2,3-Trichloropropane
Concen: 0.21 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	75	Resp:	2060
Ion Ratio	Lower	Upper	
75	100		
77	36.7	27.3	40.9
110	49.8	34.2	51.2





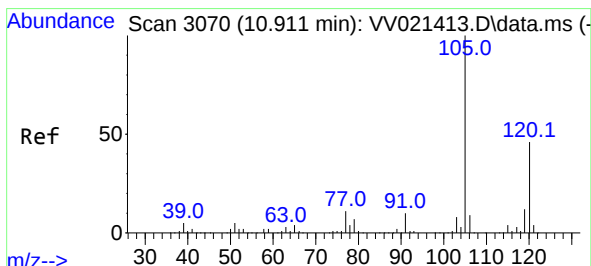
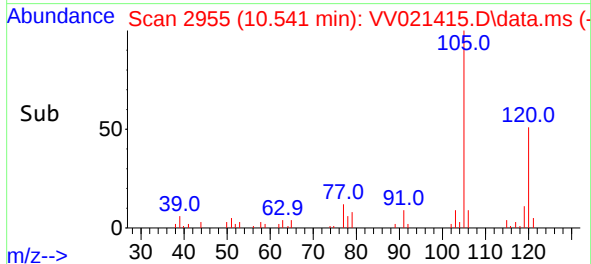
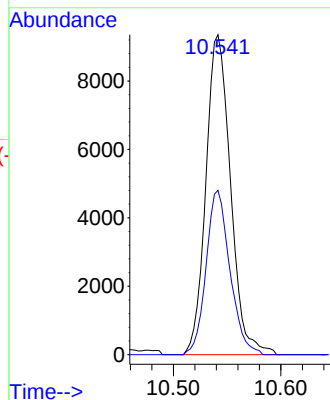
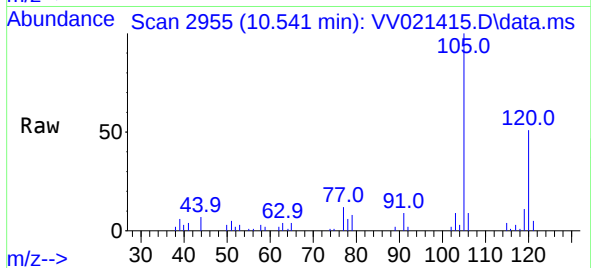
#62
1,3,5-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:105 Resp: 14918
Ion Ratio Lower Upper
105 100
120 49.6 40.2 60.2

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

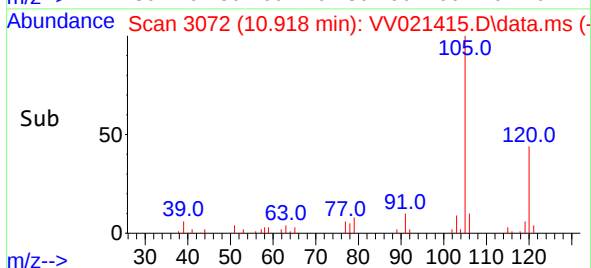
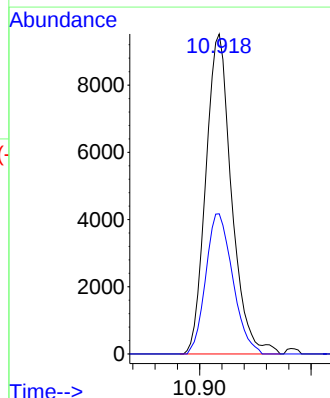
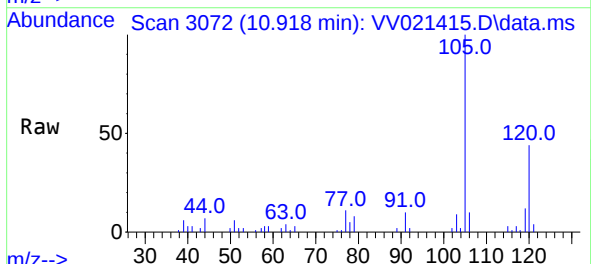
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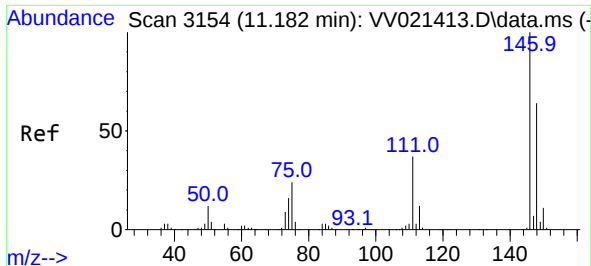
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5/28/2021 11:27:29 AM



#63
1,2,4-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:105 Resp: 15245
Ion Ratio Lower Upper
105 100
120 45.9 37.4 56.0





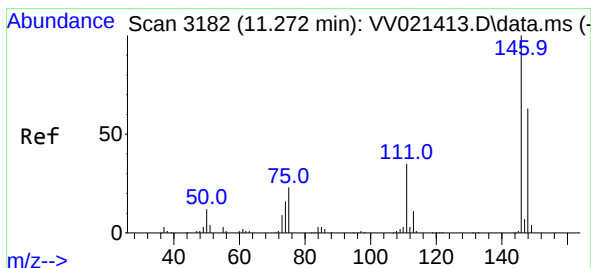
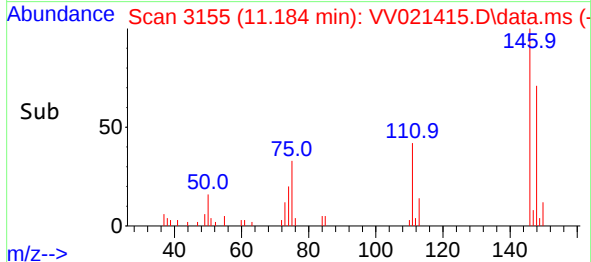
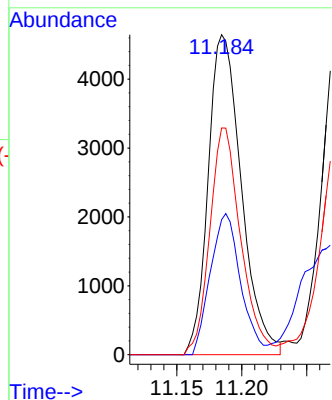
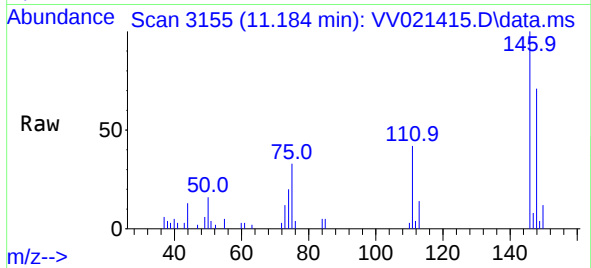
#64
1,3-Dichlorobenzene
Concen: 0.20 ug/L
RT: 11.184 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:146 Resp: 8254
Ion Ratio Lower Upper
146 100
111 42.2 26.2 48.6
148 70.9 44.9 83.5

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

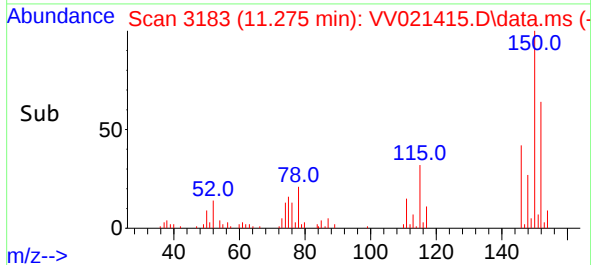
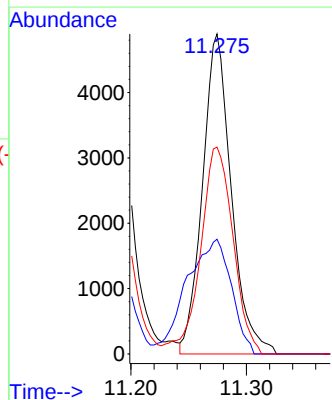
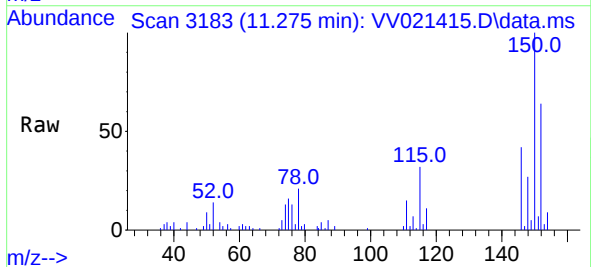
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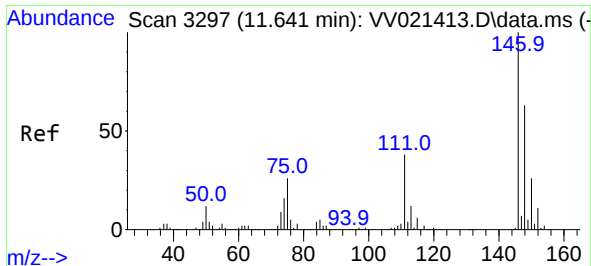
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5/28/2021 11:27:29 AM



#65
1,4-Dichlorobenzene
Concen: 0.21 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:146 Resp: 8468
Ion Ratio Lower Upper
146 100
111 35.8 25.1 46.5
148 64.7 44.4 82.5





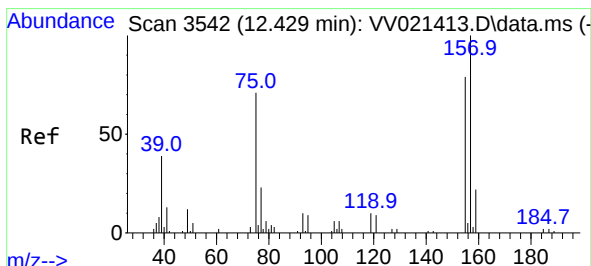
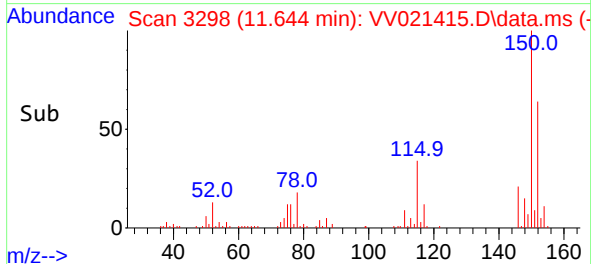
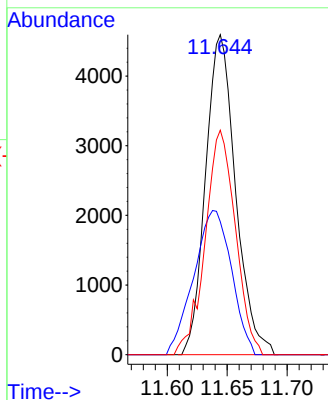
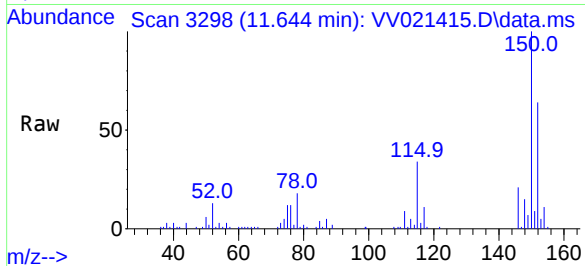
#67
1,2-Dichlorobenzene
Concen: 0.21 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	146	Resp:	8011
Ion Ratio	Lower	Upper	
146	100		
111	41.5	31.2	46.8
148	70.2	50.9	76.3

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

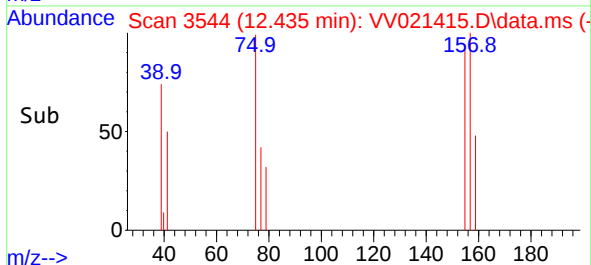
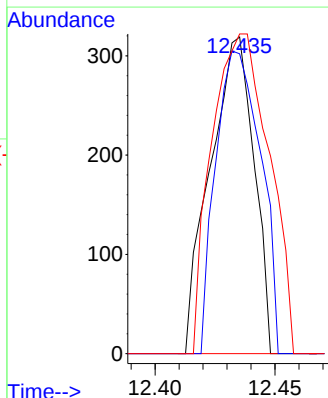
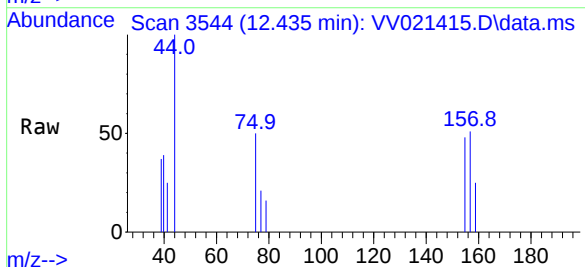
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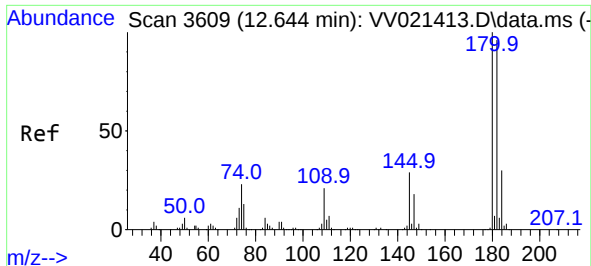
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5/28/2021 11:27:29 AM



#68
1,2-Dibromo-3-chloropropane
Concen: 0.17 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

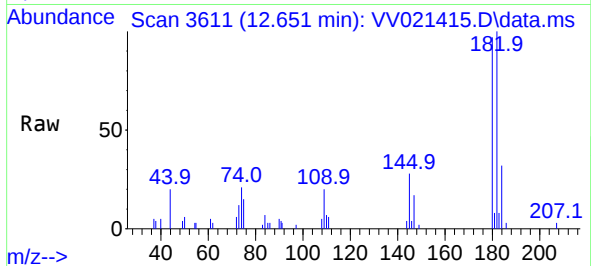
Tgt Ion:	75	Resp:	405
Ion Ratio	Lower	Upper	
75	100		
155	94.7	87.2	130.8
157	100.9	106.1	159.1#





#69
1,3,5-Trichlorobenzene
Concen: 0.20 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

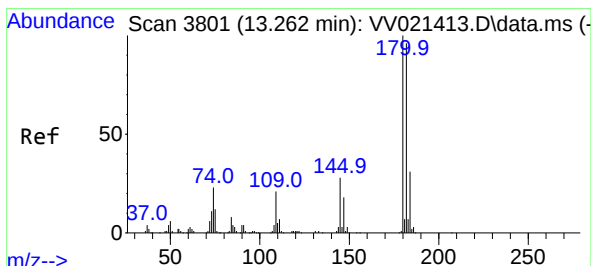
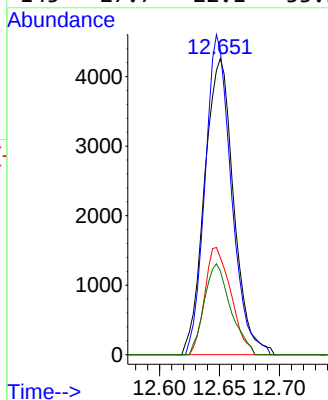
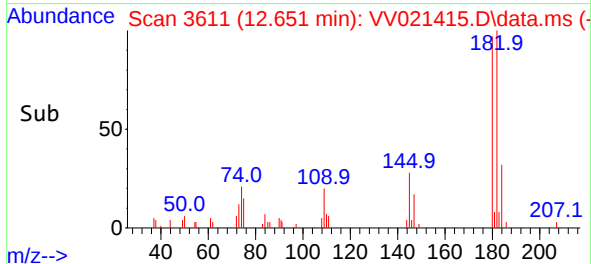
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



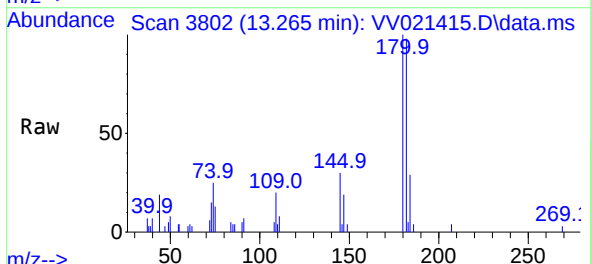
Tgt Ion:180 Resp: 7183
Ion Ratio Lower Upper
180 100
182 97.2 76.4 114.6
184 32.5 24.0 36.0
145 27.7 22.1 33.1

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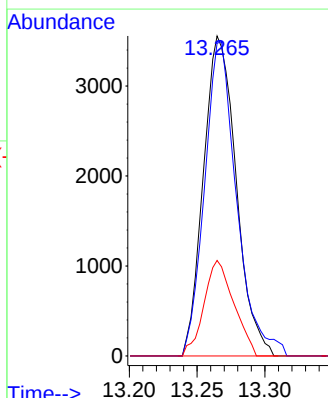
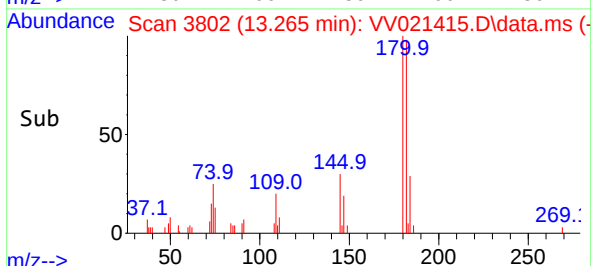
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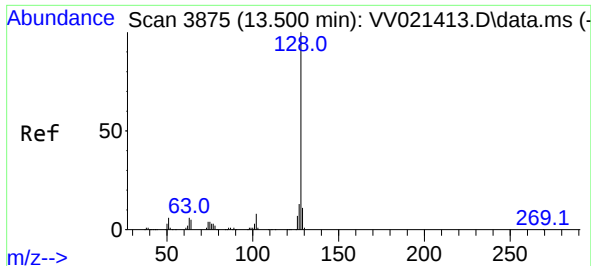


#70
1,2,4-trichlorobenzene
Concen: 0.20 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02



Tgt Ion:180 Resp: 5970
Ion Ratio Lower Upper
180 100
182 96.1 76.3 114.5
145 27.3 23.0 34.4





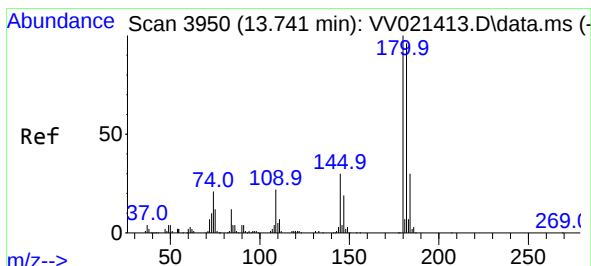
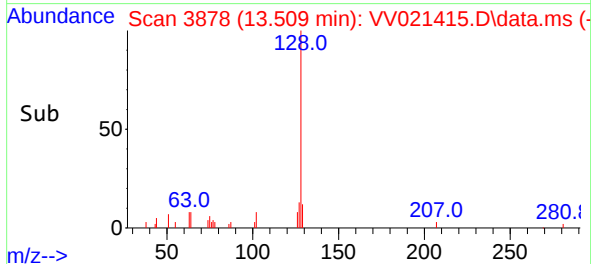
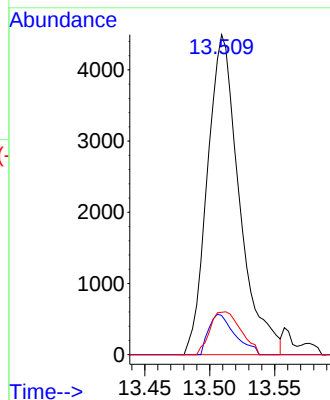
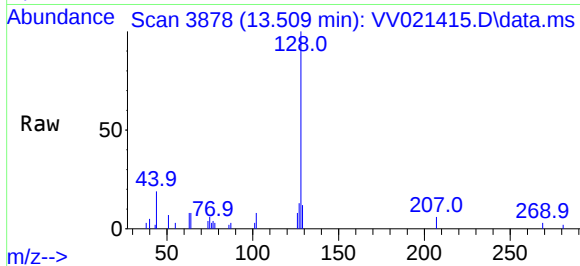
#71
Naphthalene
Concen: 0.16 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.009 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	128	Resp:	7678
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.4	12.6
127	13.0	10.2	15.4

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

Manual Integrations
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5/28/2021 11:27:29 AM



#72
1,2,3-Trichlorobenzene
Concen: 0.19 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV021415.D
Acq: 26 May 2021 11:02

Tgt Ion:	180	Resp:	5134
Ion Ratio	Lower	Upper	
180	100		
182	97.9	76.3	114.5
145	29.1	24.3	36.5

