

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032620\
 Data File : VX015362.D
 Acq On : 26 Mar 2020 17:16
 Operator : JC/SP
 Sample : L1161-09 2.5PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MDL-WATER-03-QT1-2020DL

Manual Integrations
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Quant Time: Mar 27 08:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	196803	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1109343	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	983739	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	467592	30.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.37%
60) 4-Bromofluorobenzene	11.12	95	509708	30.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.93%
63) Toluene-d8	8.70	98	1301355	31.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	28414	3.023 ug/l	96
3) Chloromethane	1.31	50	33551	2.893 ug/l	94
4) Vinyl Chloride	1.39	62	30059	2.694 ug/l	95
5) Bromomethane	1.63	94	25286	4.257 ug/l	99
6) Chloroethane	1.72	64	19725	2.833 ug/l	95
7) Trichlorofluoromethane	1.92	101	43543	2.731 ug/l	99
8) Diethyl Ether	2.17	74	16562	2.699 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29315	2.779 ug/l	96
10) 1,1-Dichloroethene	2.36	96	29375	2.741 ug/l	96
11) Methyl Iodide	2.50	142	14810	1.040 ug/l	98
12) Methyl Acetate	2.75	43	43350	2.765 ug/l	96
13) Acrolein	2.27	56	23556	11.548 ug/l	97
14) Acrylonitrile	3.12	53	93931	13.992 ug/l	98
15) Acetone	2.42	58	24682	14.459 ug/l	100
16) Carbon Disulfide	2.55	76	88861	2.837 ug/l	97
17) Allyl chloride	2.71	41	63801	2.637 ug/l	99
18) Methylene Chloride	2.84	84	35091	2.917 ug/l	99
19) trans-1,2-Dichloroethene	3.14	96	31841	2.747 ug/l	97
20) Diisopropyl ether	3.83	45	115645	2.665 ug/l	89
21) 1,1-Dichloroethane	3.68	63	60147	2.715 ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	35716	2.674 ug/l	98
23) tert-Butyl Alcohol	3.01	59	50888	15.411 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	108678	2.732 ug/l	95
25) Chloroform	5.18	83	58325	2.664 ug/l	98
26) Cyclohexane	5.56	56	55594	2.627 ug/l #	97
29) 1,1-Dichloropropene	5.78	75	44760	2.686 ug/l	98
30) 2-Butanone	4.64	43	136214	13.633 ug/l	97
31) 2,2-Dichloropropane	4.56	77	55283	2.756 ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	59113m	2.907 ug/l	
33) Carbon Tetrachloride	5.76	117	48632	2.624 ug/l	99
34) Benzene	6.12	78	129775	2.702 ug/l	94
35) Methacrylonitrile	5.01	41	29683	2.620 ug/l	92
36) 1,2-Dichloroethane	6.17	62	52559	2.832 ug/l	97
37) Trichloroethene	7.19	130	37186	2.749 ug/l	95
38) Methylcyclohexane	7.44	83	53367	2.612 ug/l	96
39) 1,2-Dichloropropane	7.49	63	35578m	2.757 ug/l	
40) Dibromomethane	7.64	93	21318	2.482 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	49611	2.658	ug/l	94
42) Vinyl Acetate	3.79	43	527844	13.943	ug/l	100
43) Ethyl Acetate	4.81	43	72920m	3.355	ug/l	
44) Isopropyl Acetate	6.42	43	94193	2.693	ug/l	97
45) 1,4-Dioxane	7.72	88	17677	54.862	ug/l #	89
46) Methyl methacrylate	7.75	41	47338	2.712	ug/l	88
47) n-amyl Acetate	10.89	43	80770	2.678	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	56789	2.636	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	57970	2.607	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	32370	2.626	ug/l	94
51) Ethyl methacrylate	9.16	69	53426	2.521	ug/l	95
52) 1,3-Dichloropropane	9.35	76	57342	2.694	ug/l	99
53) Dibromochloromethane	9.57	129	37744	2.484	ug/l	98
54) 1,2-Dibromoethane	9.66	107	34454	2.605	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	128818	12.868	ug/l	99
56) Bromoform	10.84	173	29655	2.374	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	269757	14.328	ug/l	99
59) 2-Hexanone	9.48	43	196367	13.710	ug/l	99
61) Tetrachloroethene	9.32	164	35337	2.795	ug/l	93
62) Toluene	8.77	91	136446	2.738	ug/l	100
64) Chlorobenzene	10.12	112	90131	2.813	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	34311	2.621	ug/l	99
66) Ethyl Benzene	10.24	91	158569	2.786	ug/l	99
67) m/p-Xylenes	10.34	106	115599	5.366	ug/l	97
68) o-Xylene	10.68	106	56505	2.683	ug/l	98
69) Styrene	10.70	104	99234	2.705	ug/l	99
70) Isopropylbenzene	11.00	105	155004	2.777	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.25	83	50214	2.775	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	46686m	2.757	ug/l	
73) Bromobenzene	11.24	156	39199	2.616	ug/l	99
74) n-propylbenzene	11.35	91	171789	2.683	ug/l	100
75) 2-Chlorotoluene	11.41	91	104245	2.677	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	132932	2.773	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	18400	2.522	ug/l	98
78) 4-Chlorotoluene	11.49	91	120860	2.683	ug/l	98
79) tert-butylbenzene	11.76	119	124414	2.597	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	128091	2.637	ug/l	97
81) sec-Butylbenzene	11.93	105	145965	2.656	ug/l	100
82) p-Isopropyltoluene	12.05	119	138308	2.670	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	71330	2.647	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	71319	2.652	ug/l	98
85) n-Butylbenzene	12.37	91	122656	2.656	ug/l	98
86) Hexachloroethane	12.58	117	24577	2.455	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	69968	2.661	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	13885	2.913	ug/l	94
89) 1,2,4-Trichlorobenzene	13.63	180	55495	2.620	ug/l	95
90) Hexachlorobutadiene	13.77	225	24867	2.229	ug/l	94
91) Naphthalene	13.82	128	163242	2.662	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	50335	2.393	ug/l	99

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MDL-WATER-03-QT1-2020DL

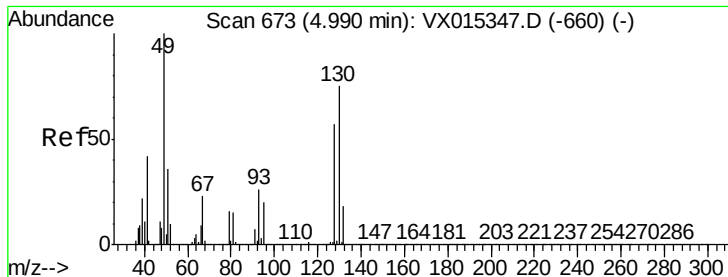
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

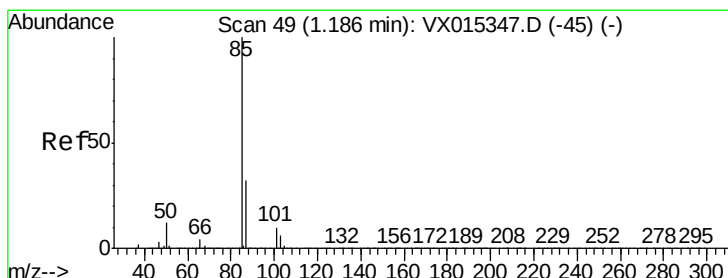
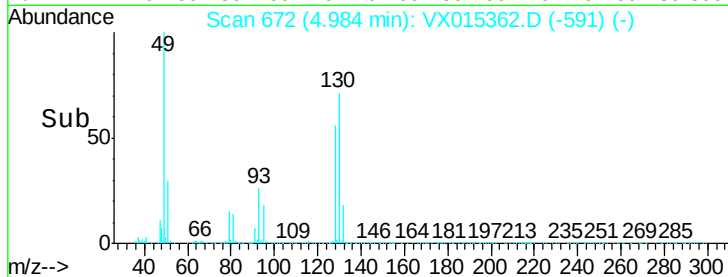
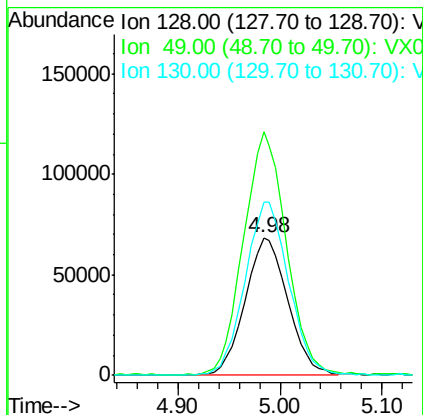
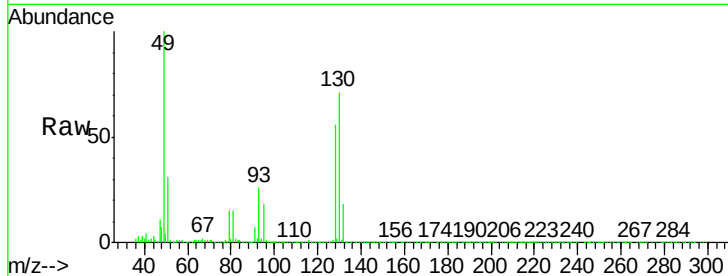
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	128	Resp:	196803
Ion	Ratio	Lower	Upper
128	100		
49	177.8	0.0	428.0
130	130.7	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 3.023 ug/l

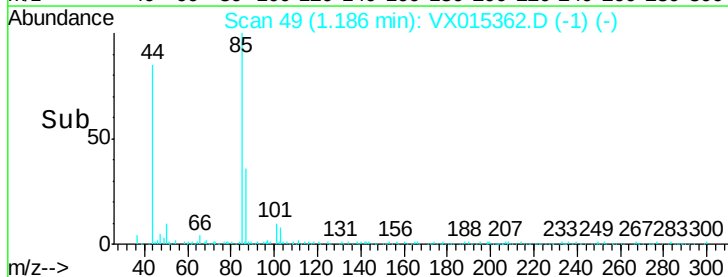
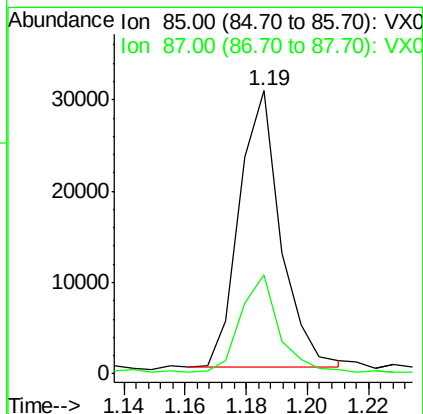
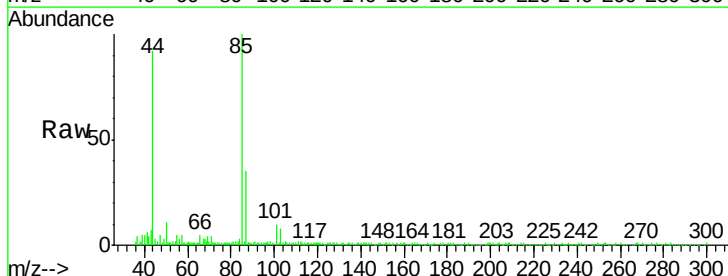
RT: 1.19 min Scan# 49

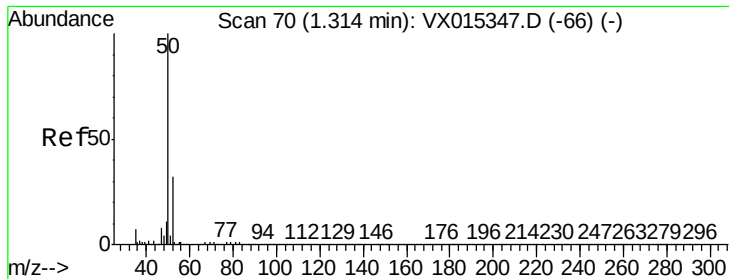
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	85	Resp:	28414
Ion	Ratio	Lower	Upper
85	100		
87	34.9	16.3	48.9





#3

Chloromethane

Concen: 2.893 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

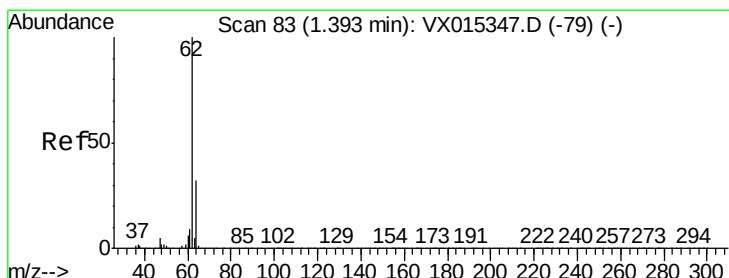
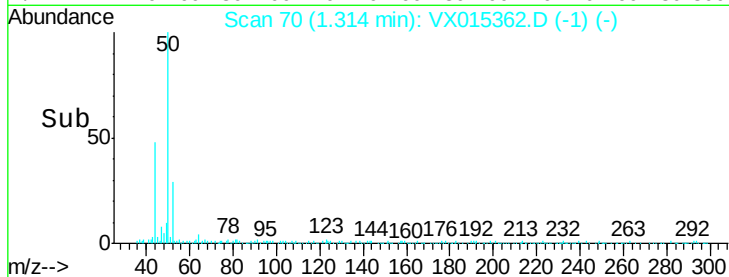
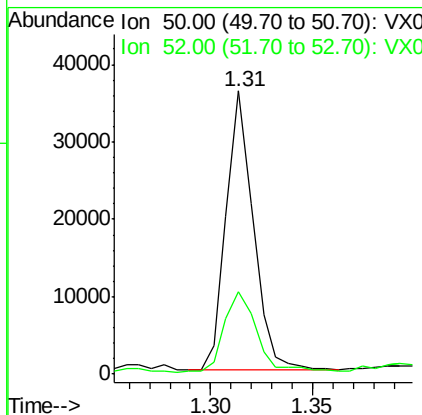
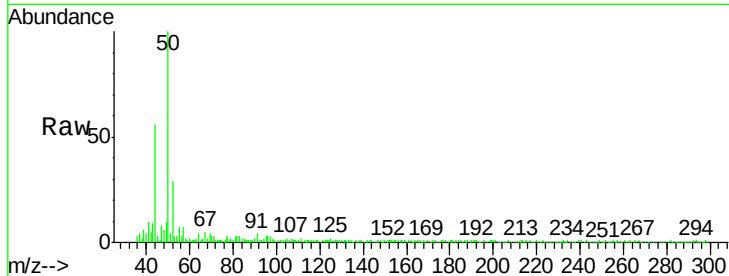
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
50	100		
52	28.4	25.5	38.3

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#4

Vinyl Chloride

Concen: 2.694 ug/l

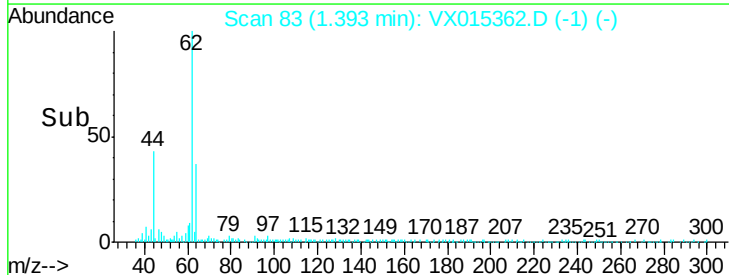
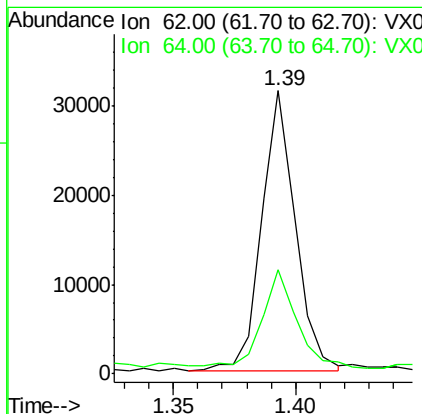
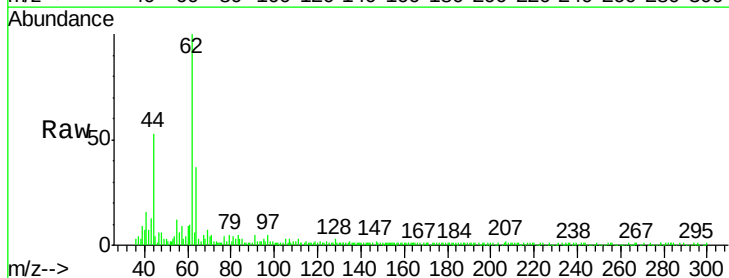
RT: 1.39 min Scan# 83

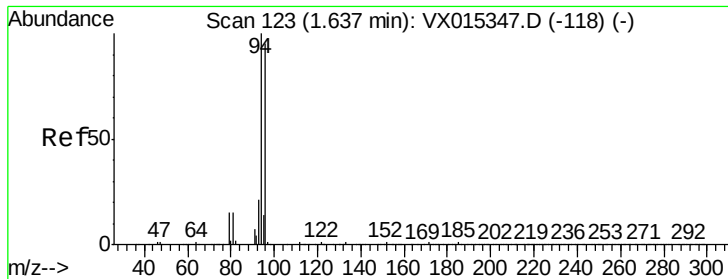
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
62	100		
64	34.3	25.4	38.0





#5

Bromomethane

Concen: 4.257 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion: 94 Resp: 25286

Ion Ratio Lower Upper

94 100

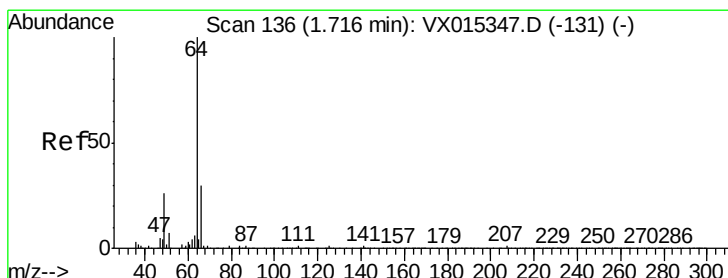
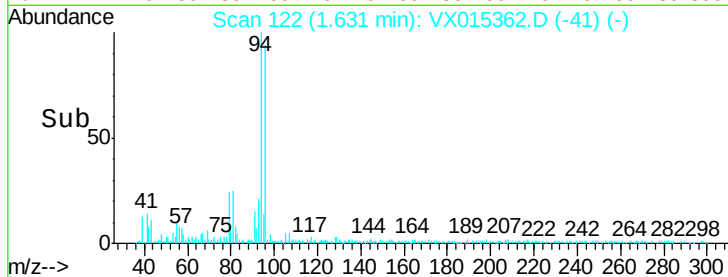
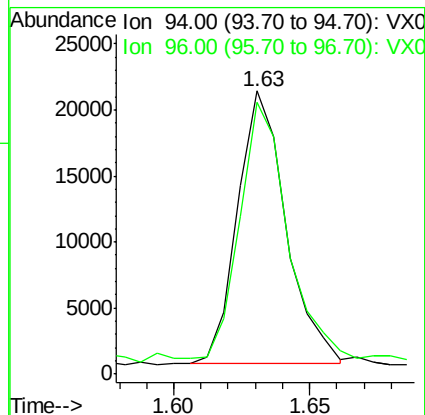
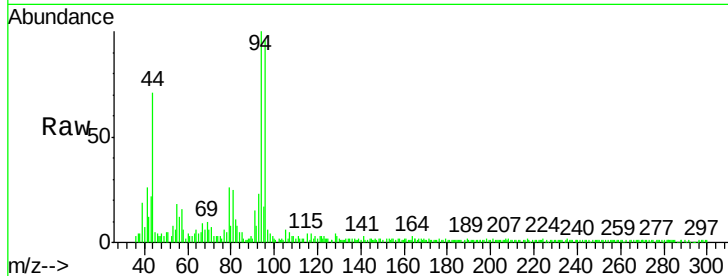
96 94.1 76.1 114.1

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#6

Chloroethane

Concen: 2.833 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015362.D

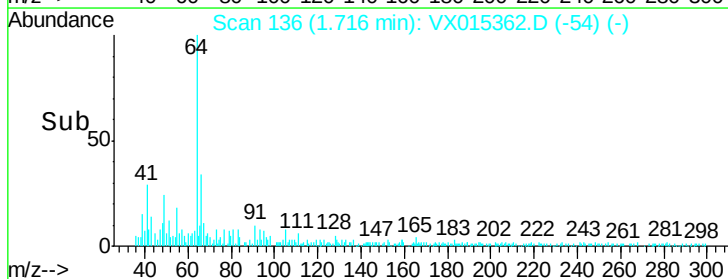
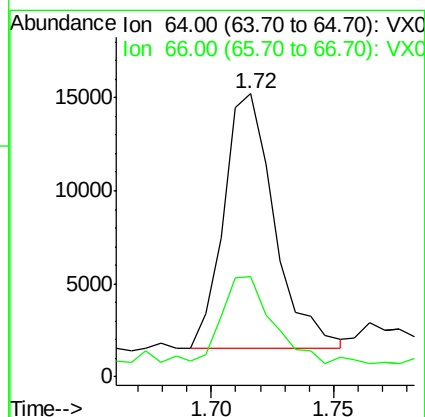
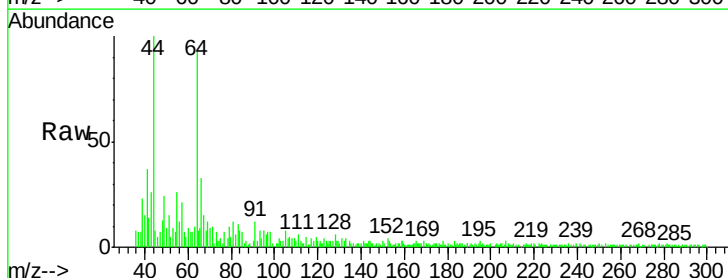
Acq: 26 Mar 2020 17:16

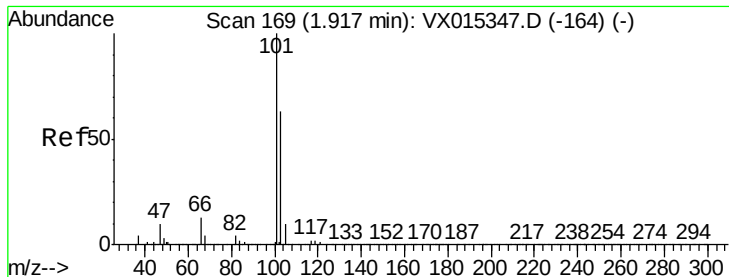
Tgt Ion: 64 Resp: 19725

Ion Ratio Lower Upper

64 100

66 33.0 24.3 36.5





#7

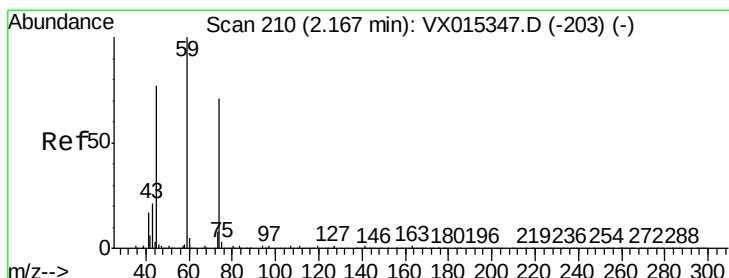
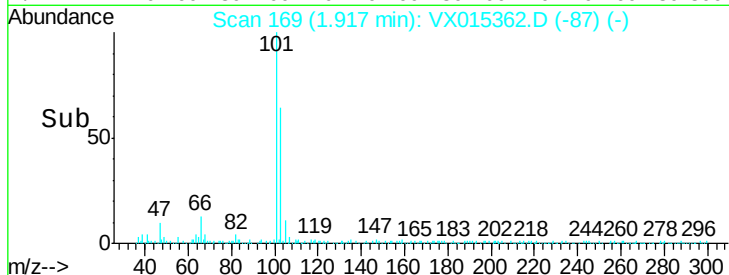
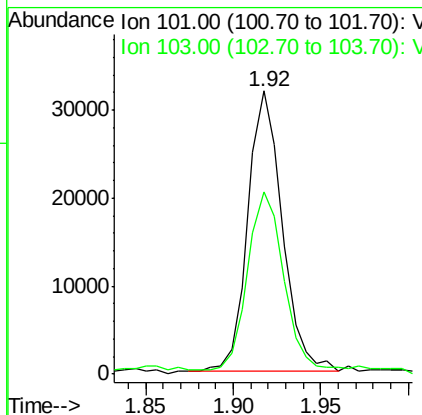
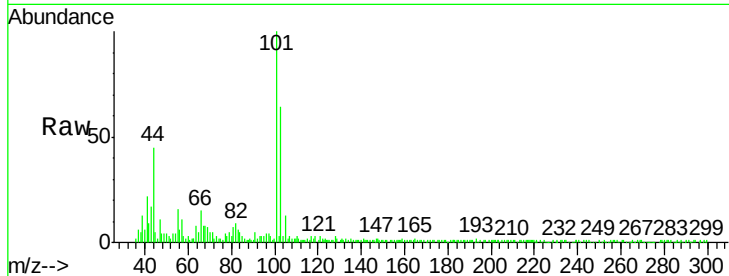
Trichlorofluoromethane
Concen: 2.731 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
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ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	49.9	74.9

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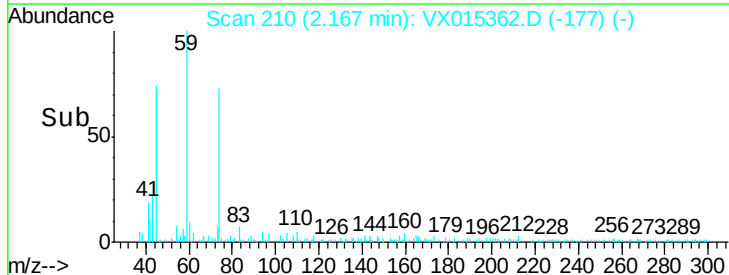
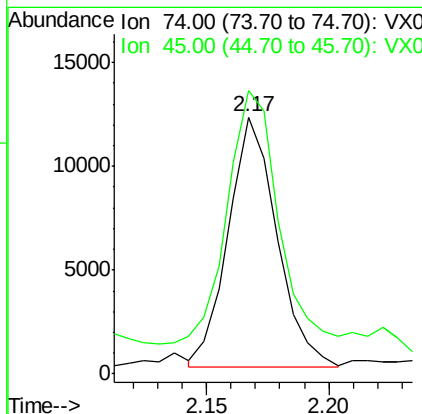
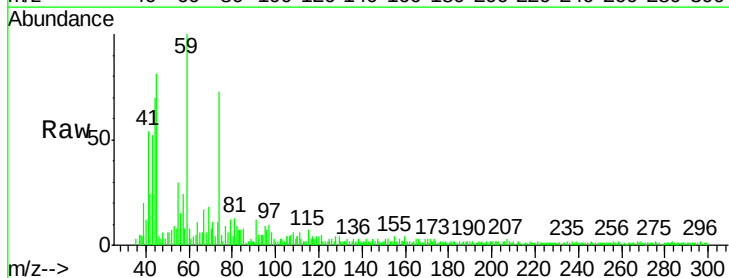
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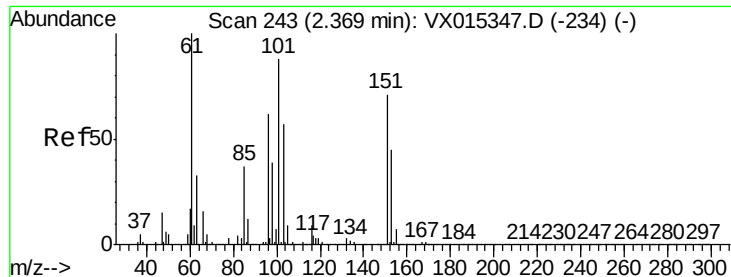


#8

Diethyl Ether
Concen: 2.699 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.4	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.779 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

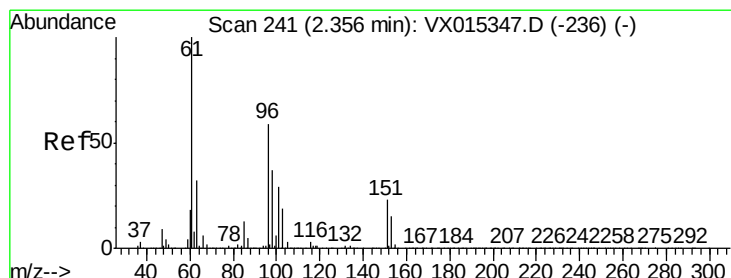
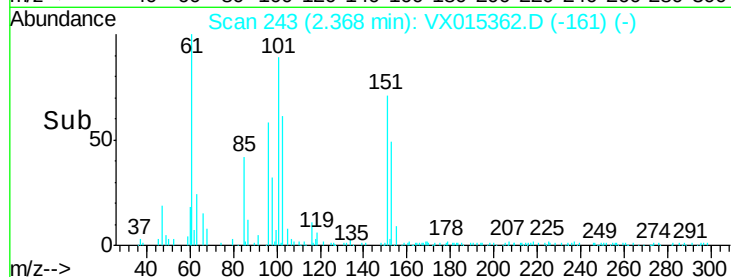
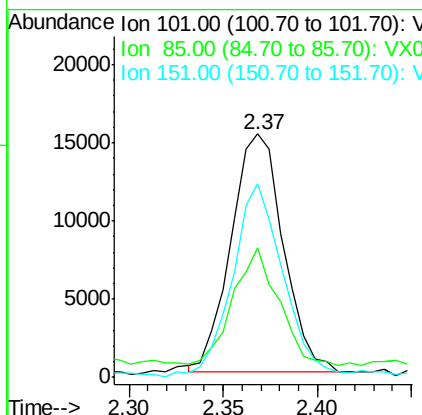
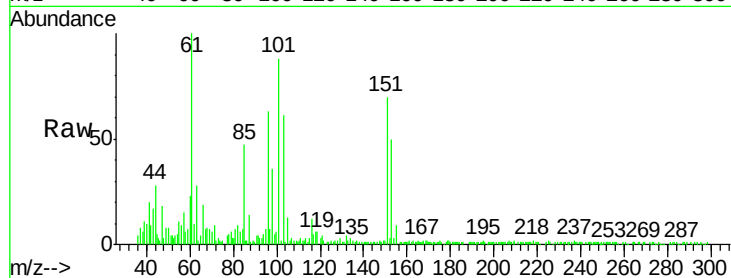
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	101	Resp:	29315
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	85.8
151	78.2	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 2.741 ug/l

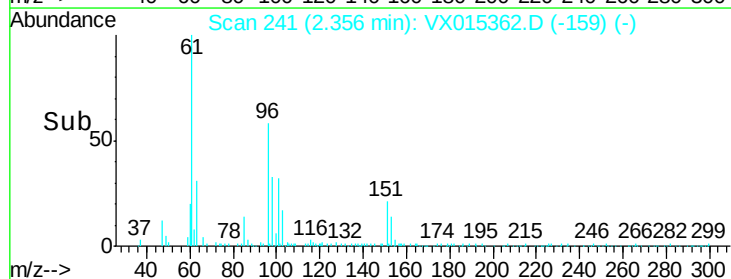
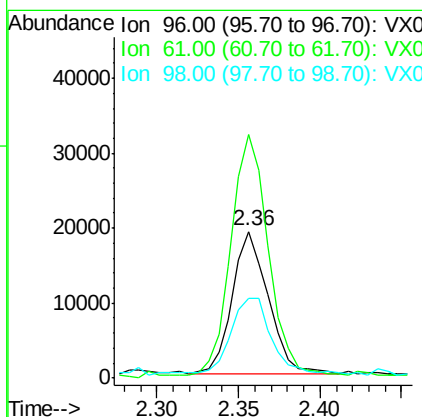
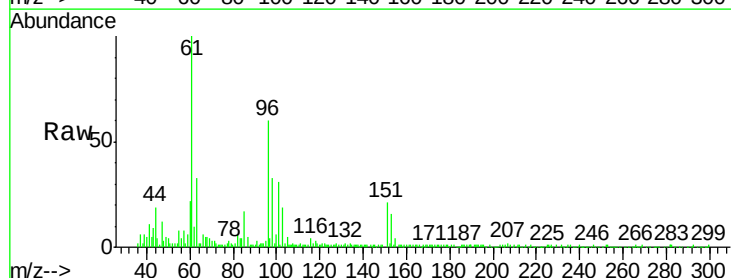
RT: 2.36 min Scan# 241

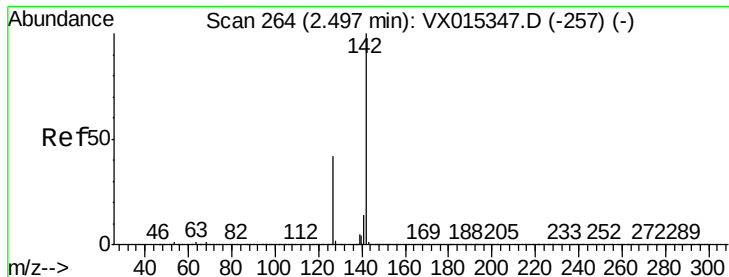
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	96	Resp:	29375
Ion Ratio	Lower	Upper	
96	100		
61	168.8	135.5	203.3
98	52.1	50.2	75.2





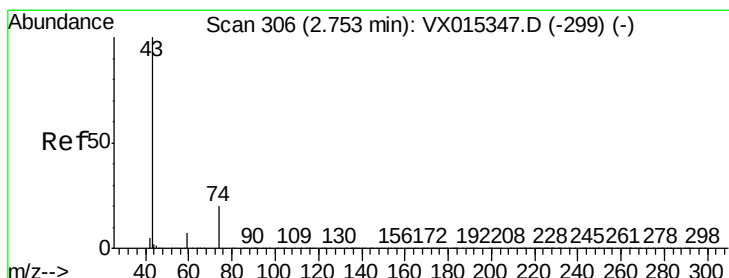
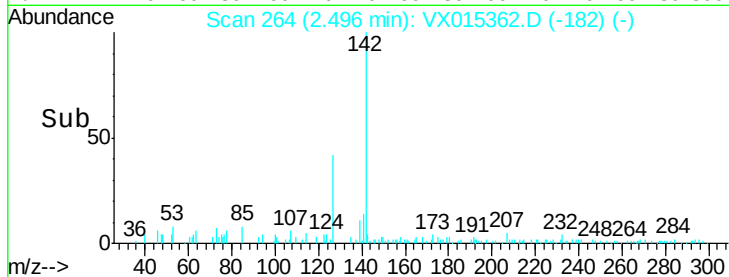
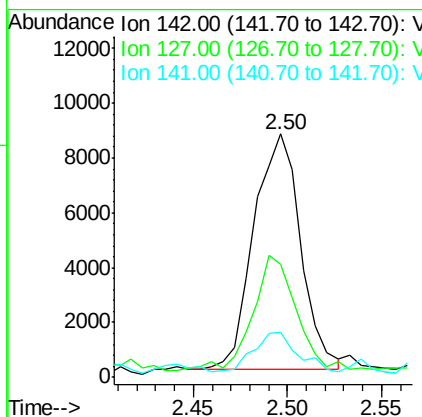
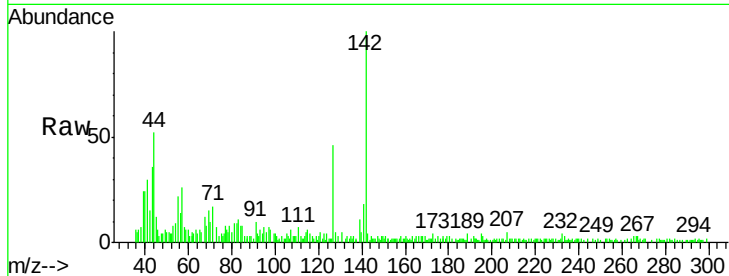
#11
Methvl Iodide
Concen: 1.040 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion:	142	Resp:	14810
Ion Ratio	Lower	Upper	
142	100		
127	43.4	21.0	63.0
141	14.0	6.9	20.7

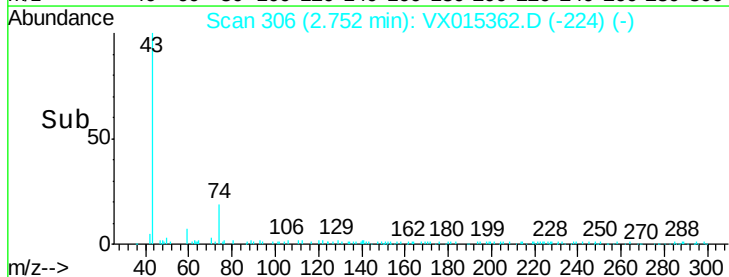
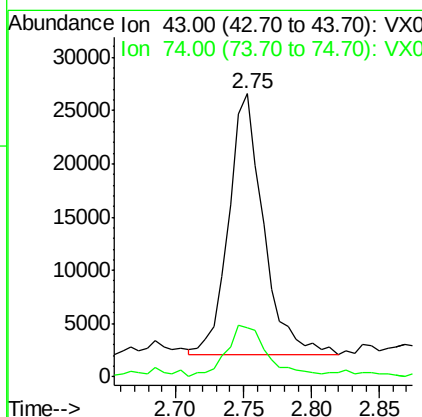
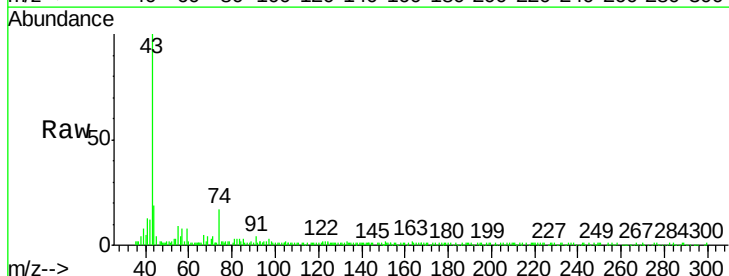
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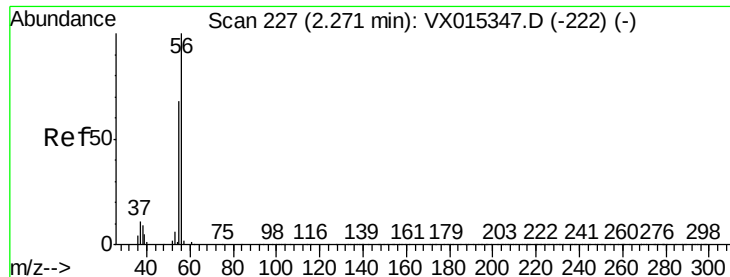
apatel
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#12
Methyl Acetate
Concen: 2.765 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion:	43	Resp:	43350
Ion Ratio	Lower	Upper	
43	100		
74	18.0	15.8	23.6





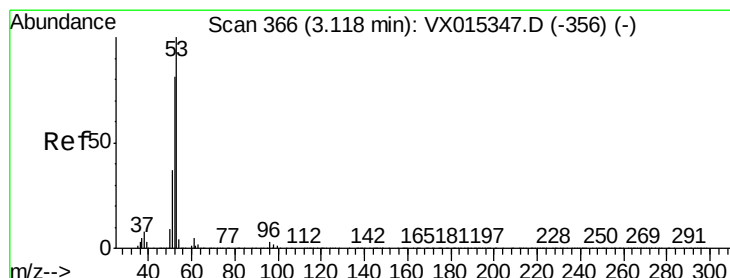
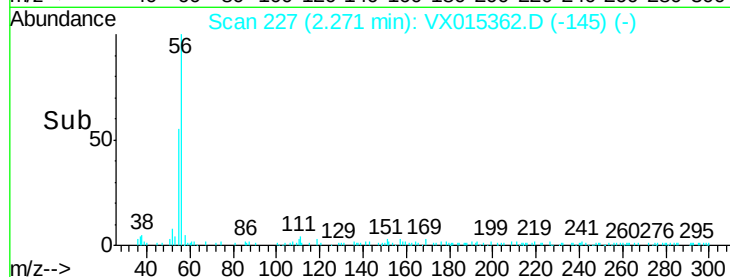
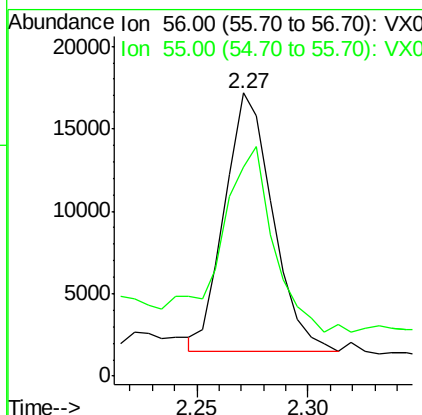
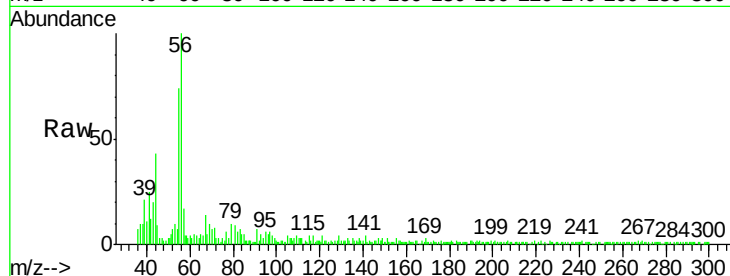
#13
Acrolein
Concen: 11.548 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	53.5	80.3

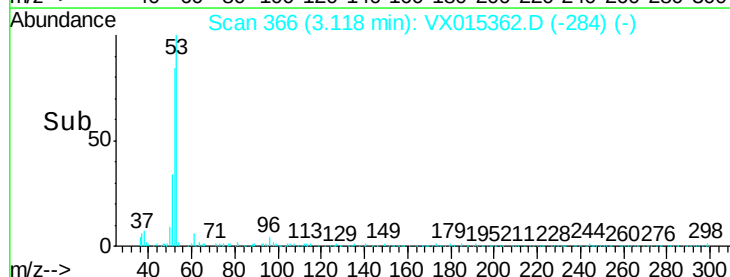
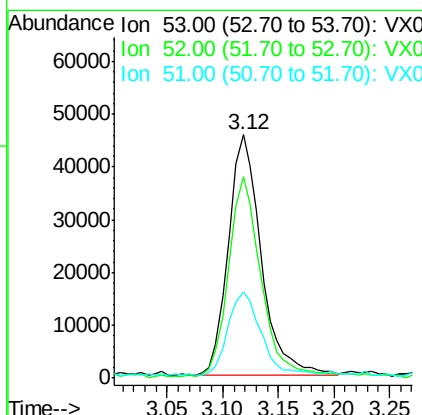
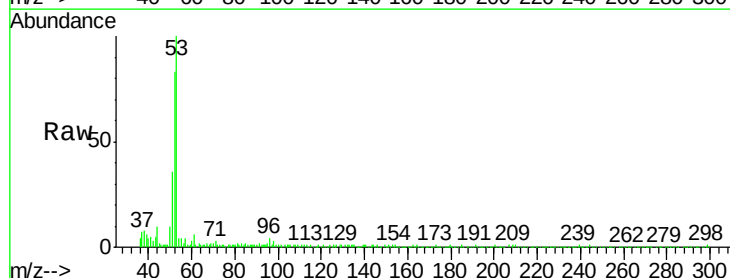
Manual Integrations
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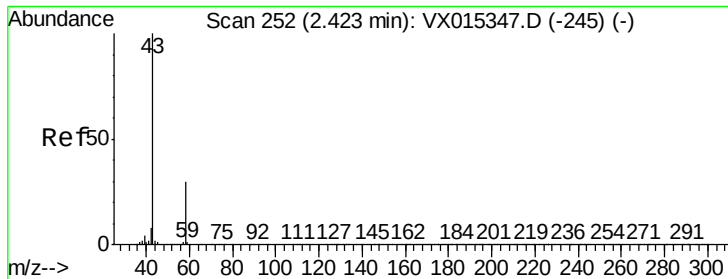
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#14
Acrylonitrile
Concen: 13.992 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.5	41.0	123.2
51	35.2	18.4	55.4





#15

Acetone

Concen: 14.459 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion: 58 Resp: 24682

Ion Ratio Lower Upper

58 100

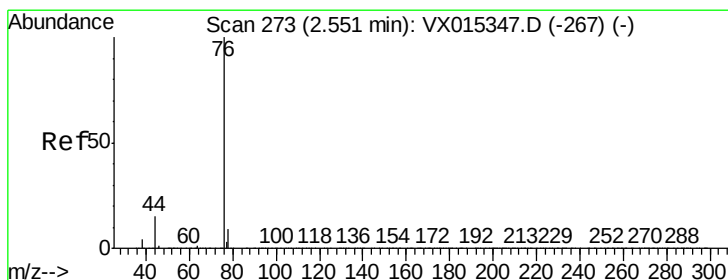
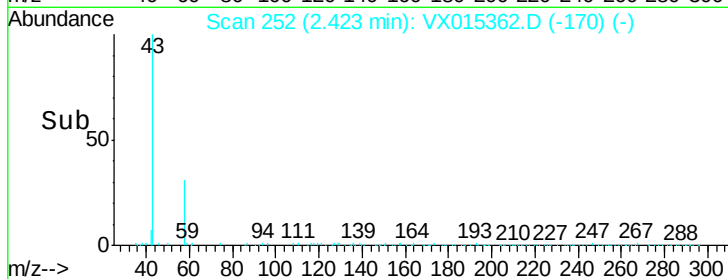
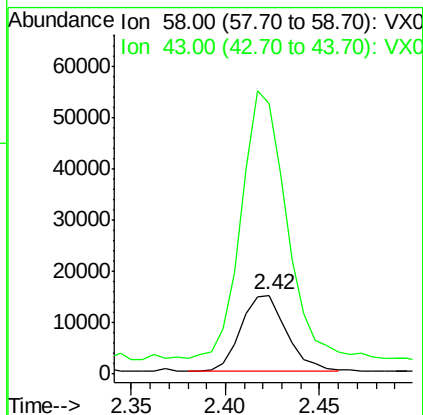
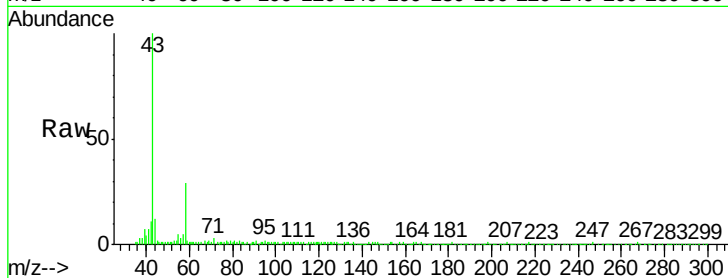
43 335.6 267.8 401.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 2.837 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015362.D

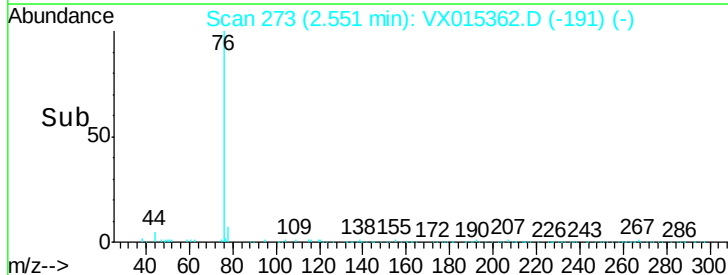
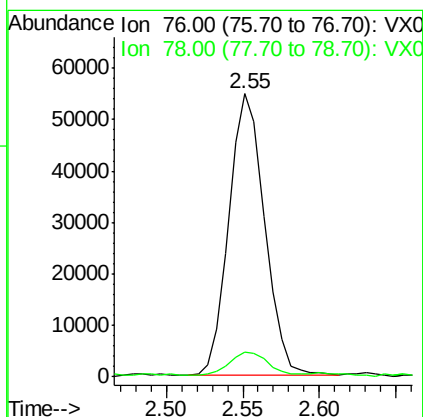
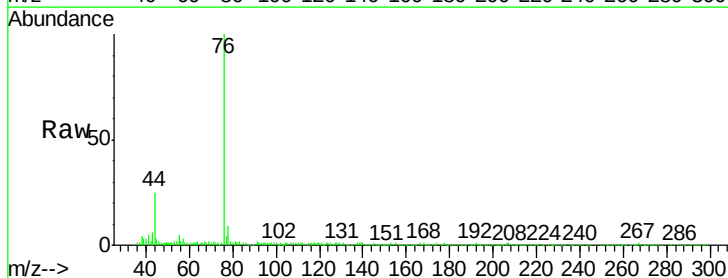
Acq: 26 Mar 2020 17:16

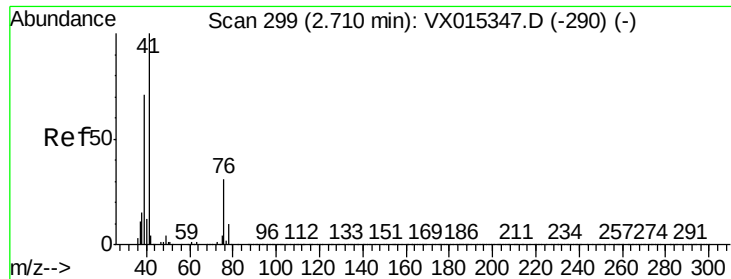
Tgt Ion: 76 Resp: 88861

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2





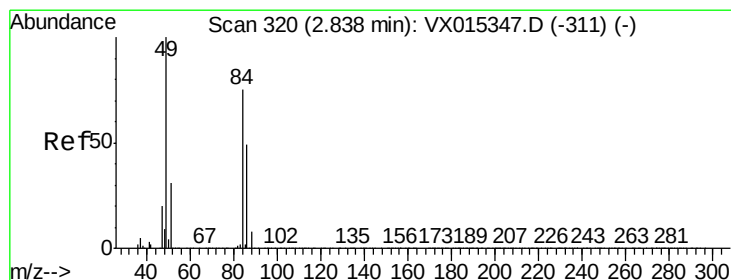
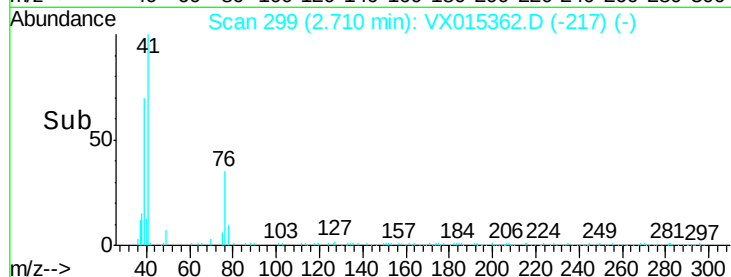
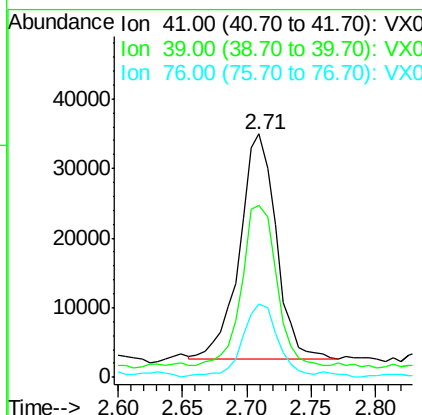
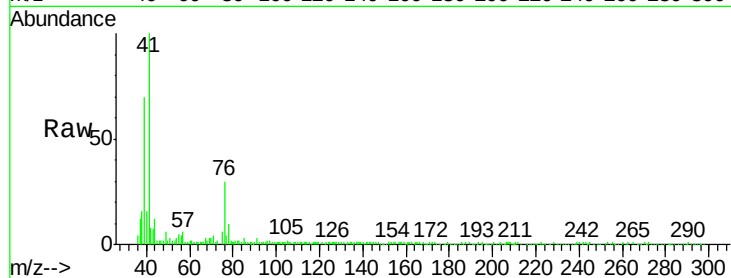
#17
Allvl chloride
Concen: 2.637 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion:	41	Resp:	63801
Ion	Ratio	Lower	Upper
41	100		
39	71.0	35.6	106.8
76	31.8	15.4	46.4

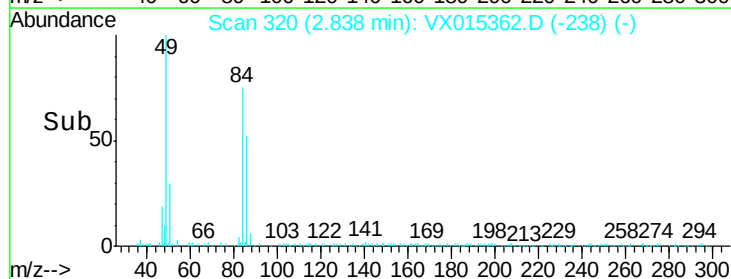
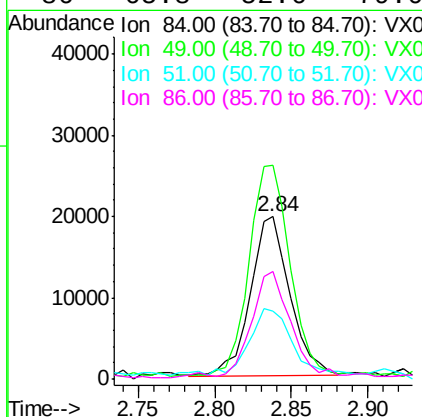
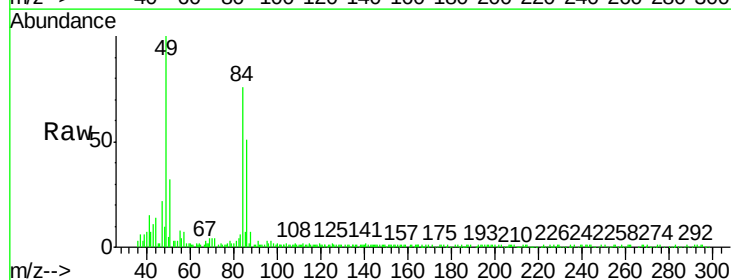
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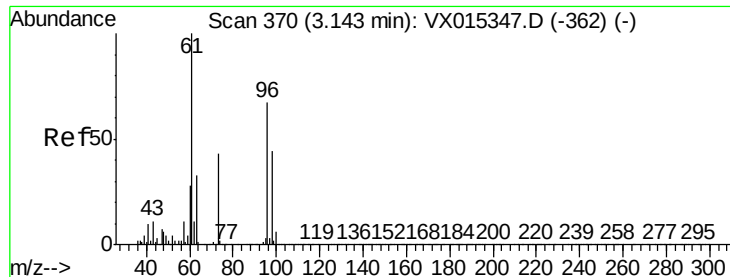
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#18
Methylene Chloride
Concen: 2.917 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion:	84	Resp:	35091
Ion	Ratio	Lower	Upper
84	100		
49	132.4	107.0	160.4
51	39.4	33.4	50.0
86	65.8	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 2.747 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

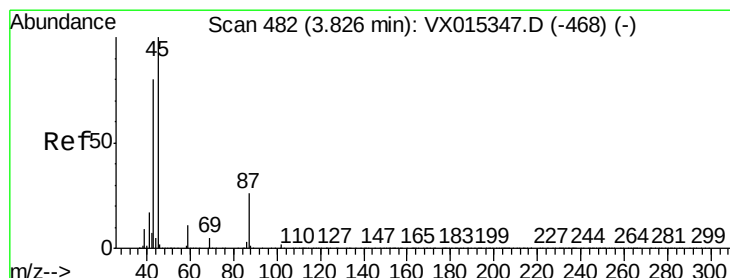
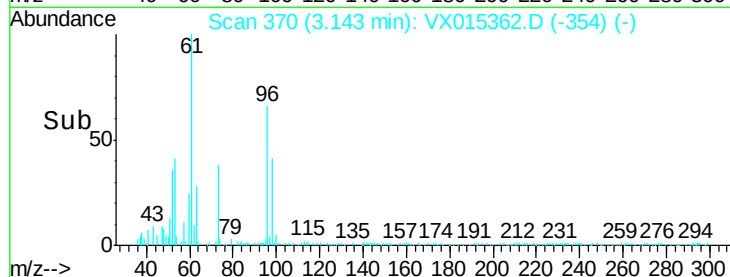
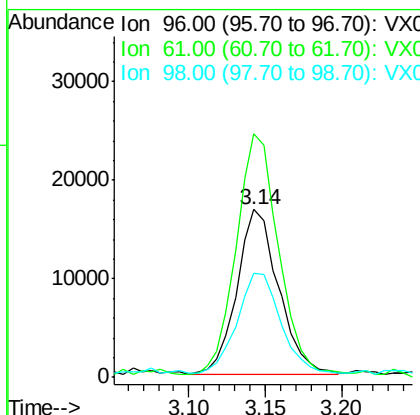
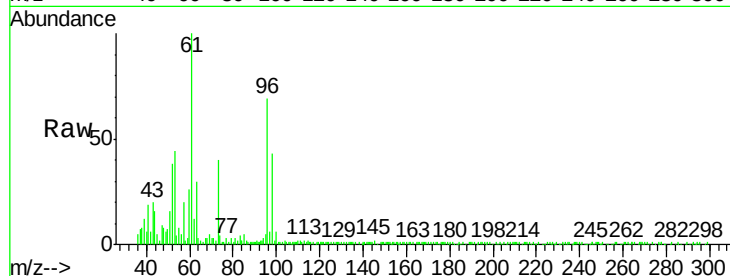
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	96	Resp:	31841
Ion	Ratio	Lower	Upper
96	100		
61	146.0	118.2	177.2
98	60.0	51.9	77.9

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#20

Diisopropyl ether

Concen: 2.665 ug/l

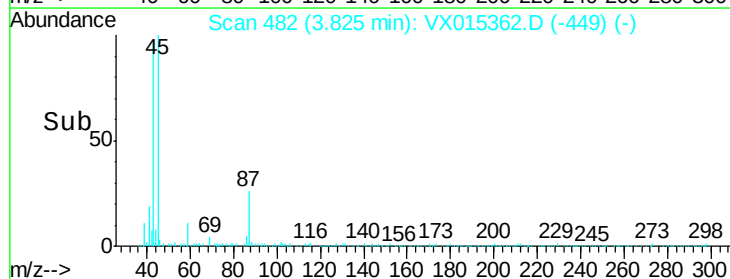
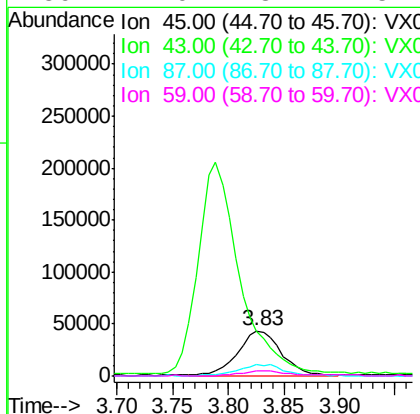
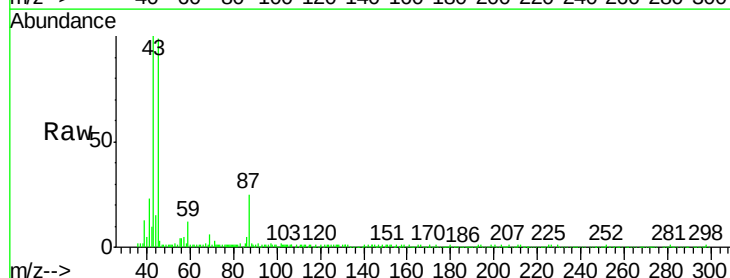
RT: 3.83 min Scan# 482

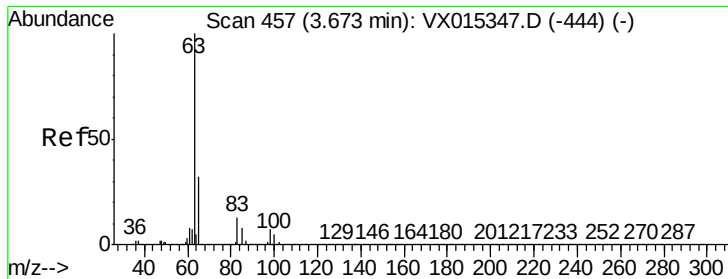
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	45	Resp:	115645
Ion	Ratio	Lower	Upper
45	100		
43	93.7	64.4	96.6
87	26.1	20.4	30.6
59	11.0	8.7	13.1





#21

1,1-Dichloroethane

Concen: 2.715 ug/l

RT: 3.68 min Scan# 458

Delta R.T. 0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

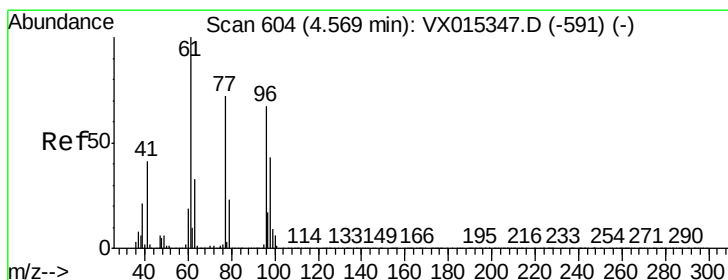
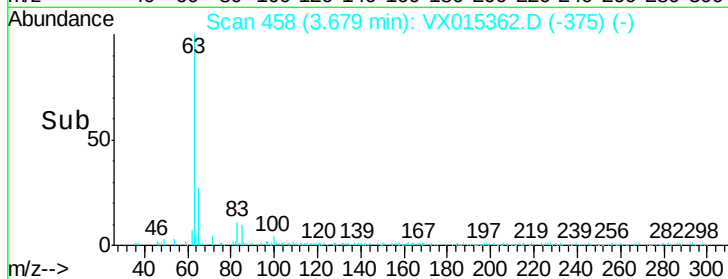
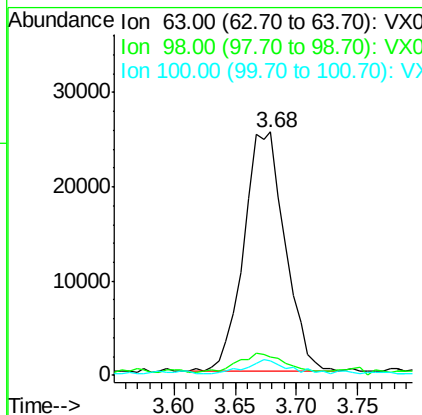
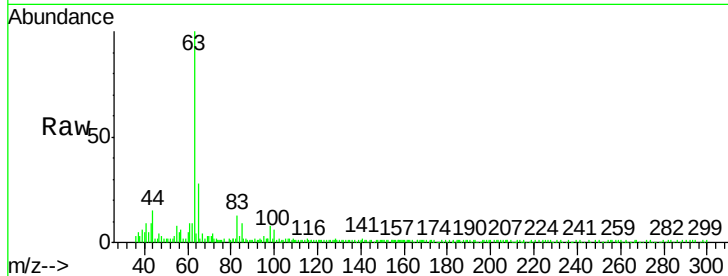
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	63	Resp:	60147
Ion Ratio		Lower	Upper
63	100		
98	6.3	3.3	9.9
100	4.3	2.3	6.8

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#22

cis-1,2-Dichloroethene

Concen: 2.674 ug/l

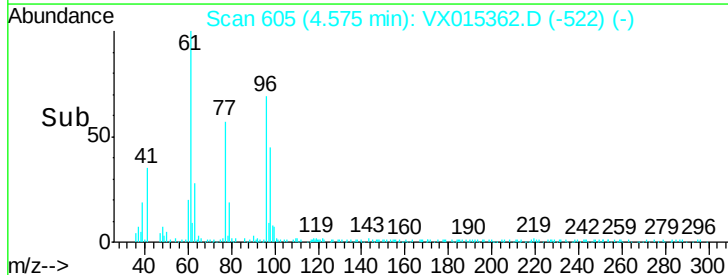
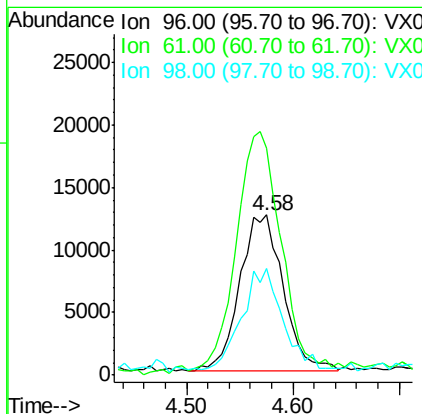
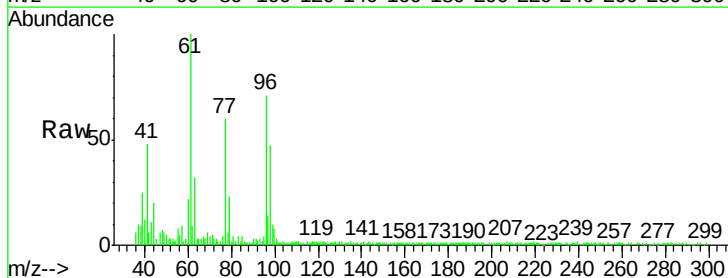
RT: 4.58 min Scan# 605

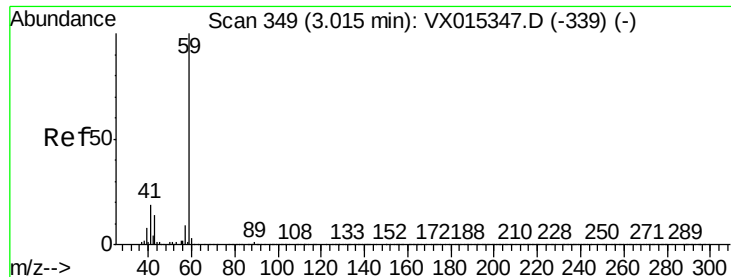
Delta R.T. 0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	96	Resp:	35716
Ion Ratio		Lower	Upper
96	100		
61	159.2	127.2	190.8
98	59.6	51.8	77.6





#23

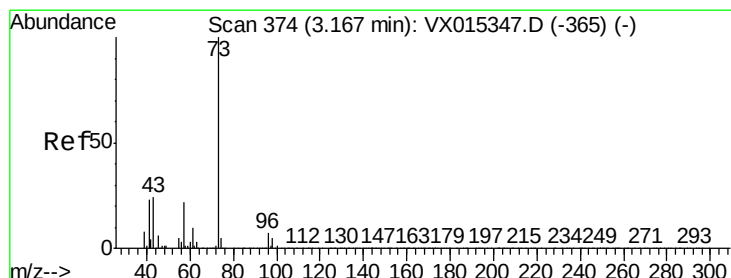
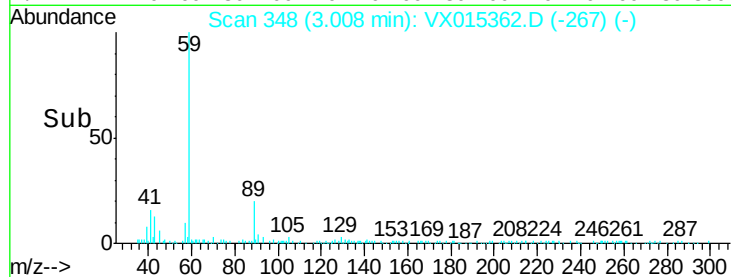
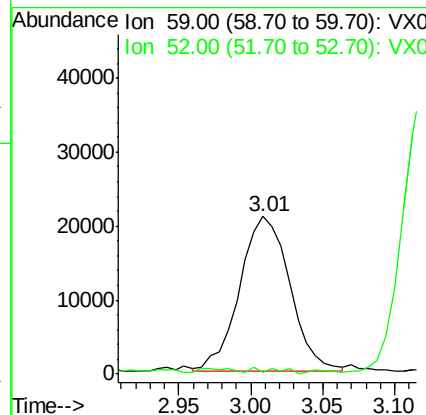
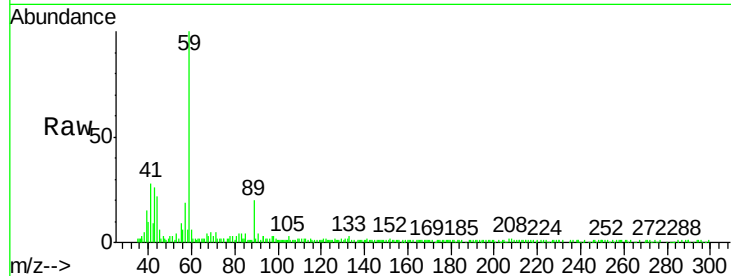
tert-Butyl Alcohol
Concen: 15.411 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.2	0.2#

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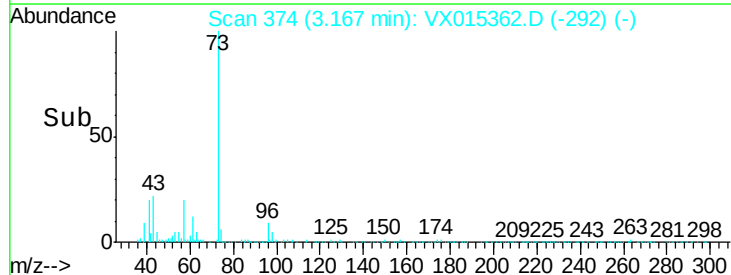
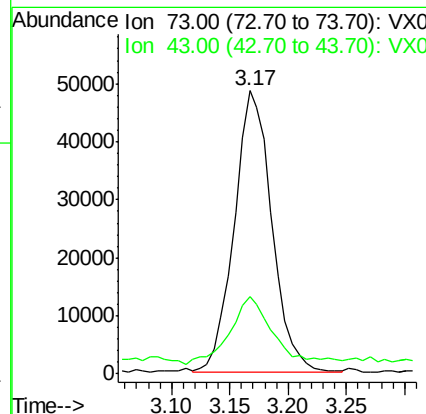
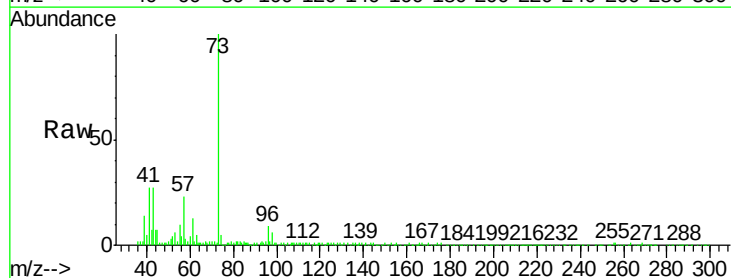
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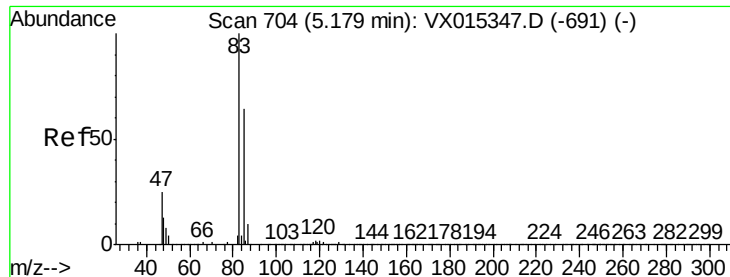


#24

Methyl tert-Butyl Ether
Concen: 2.732 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
73	100		
43	26.3	19.2	28.8





#25

Chloroform

Concen: 2.664 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion: 83 Resp: 58325

Ion Ratio Lower Upper

83 100

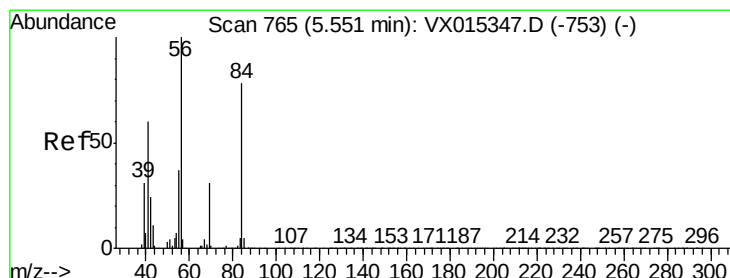
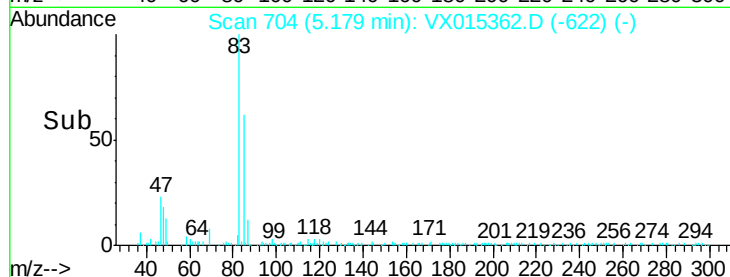
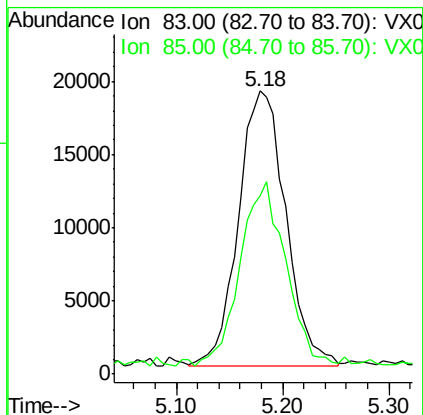
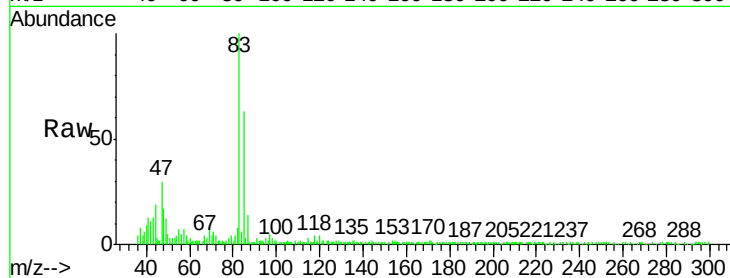
85 61.5 50.5 75.7

Manual Integrations

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#26

Cyclohexane

Concen: 2.627 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

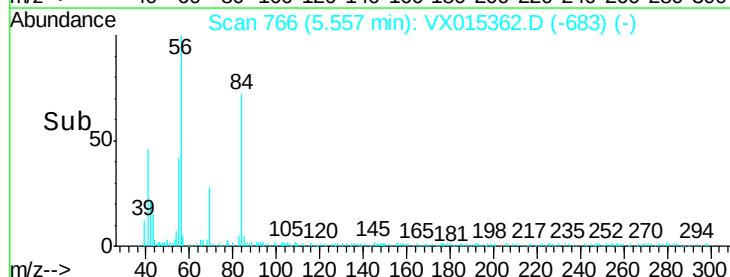
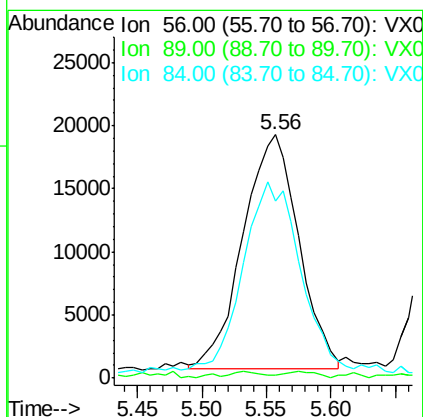
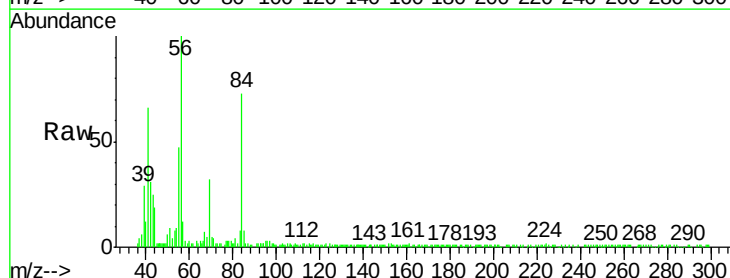
Tgt Ion: 56 Resp: 55594

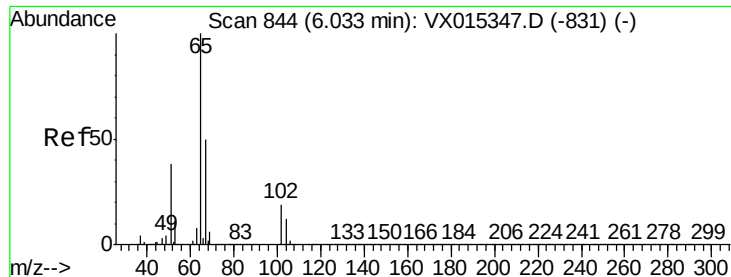
Ion Ratio Lower Upper

56 100

89 1.6 0.1 0.1#

84 80.3 66.1 99.1





#27

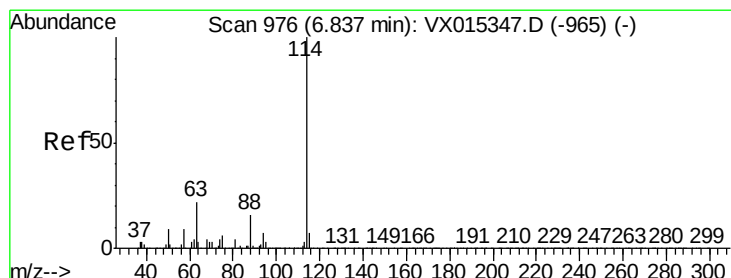
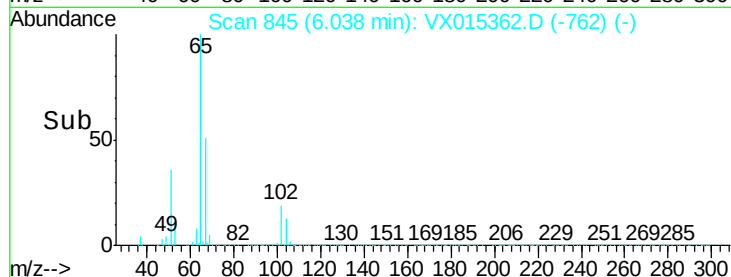
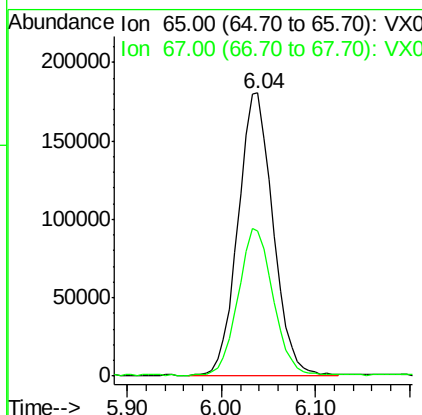
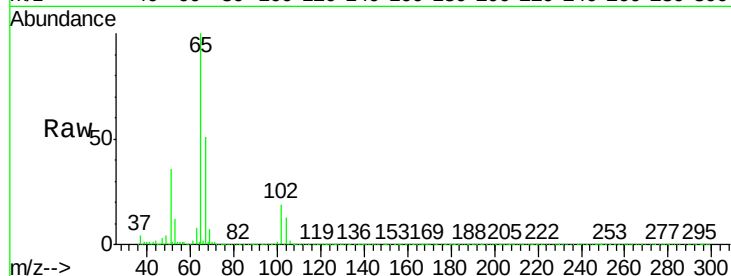
1,2-Dichloroethane-d4
Concen: 30.405 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	40.9	61.3

Manual Integrations
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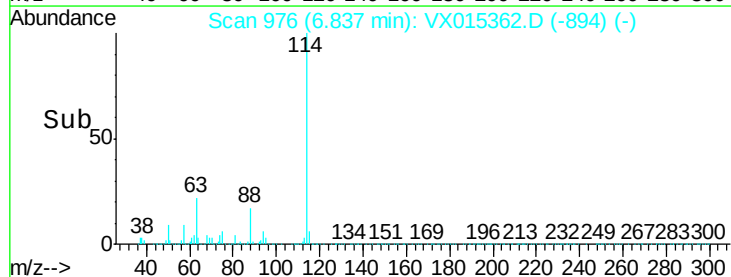
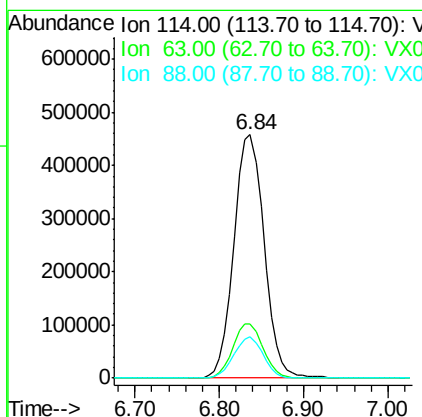
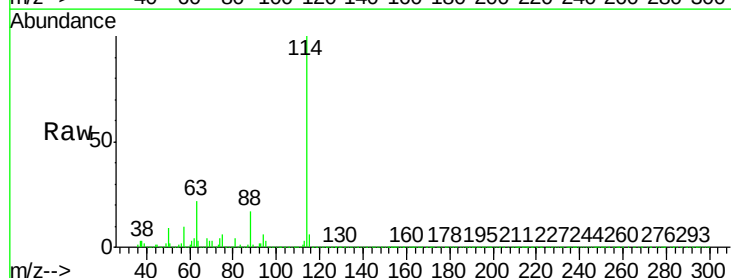
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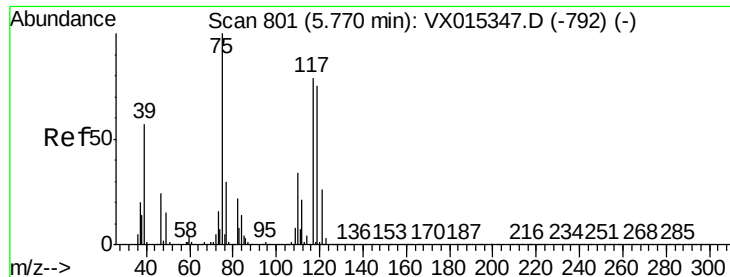


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	17.4	26.2
88	16.5	12.9	19.3





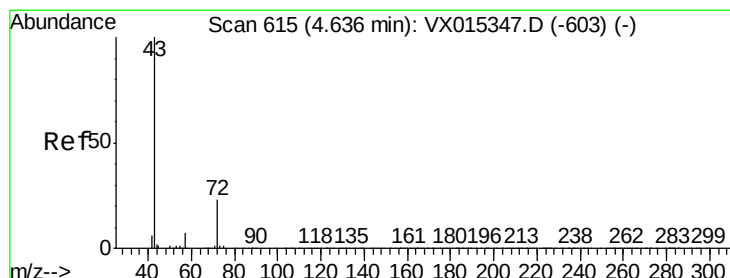
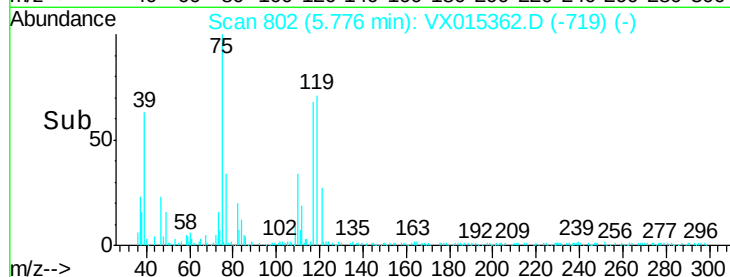
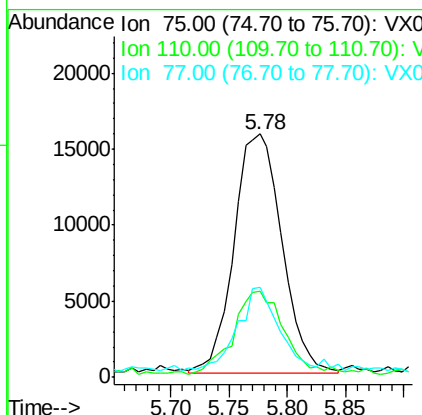
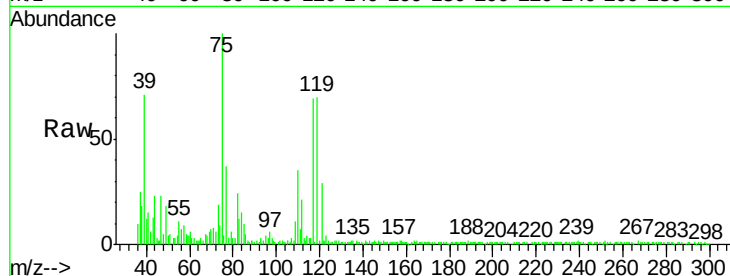
#29
 1,1-Dichloropropene
 Concen: 2.686 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.4	0.0	71.2
77	29.6	0.0	62.2

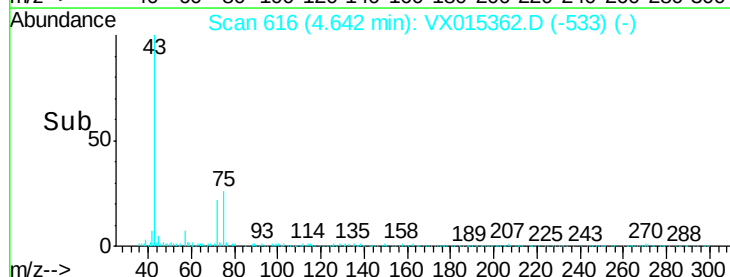
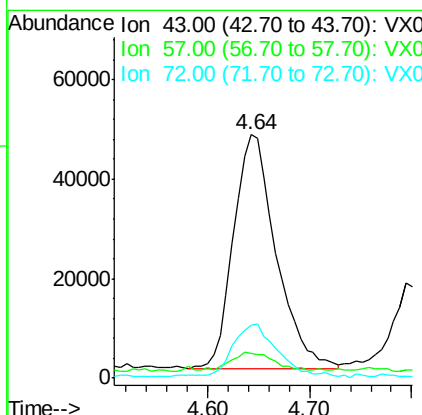
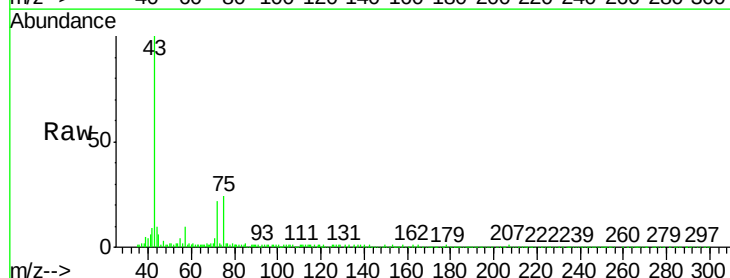
Manual Integrations
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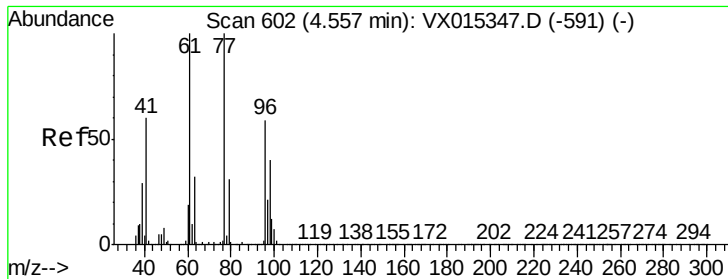
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#30
 2-Butanone
 Concen: 13.633 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	5.9	8.9
72	21.6	18.6	27.8





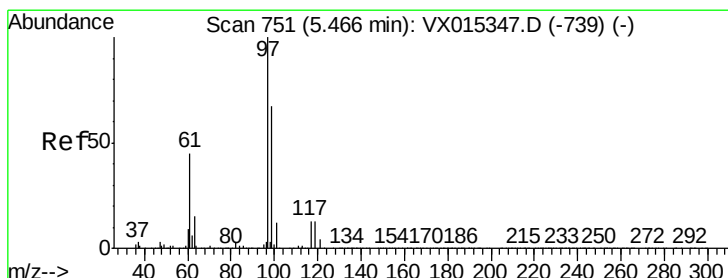
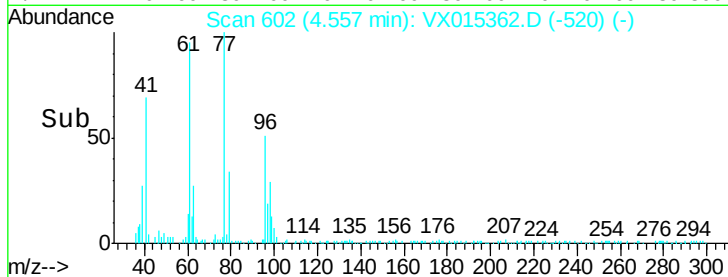
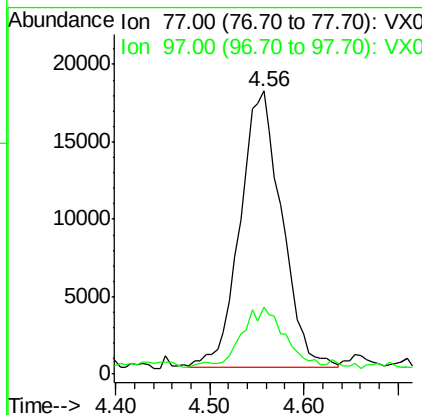
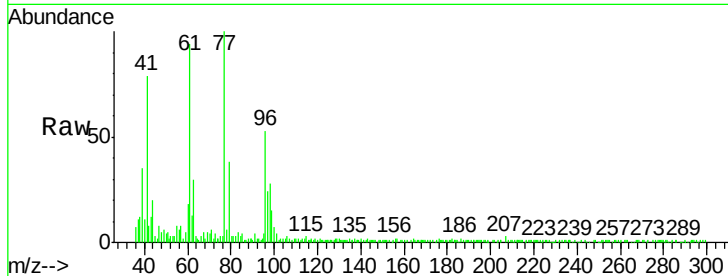
#31
 2,2-Dichloropropane
 Concen: 2.756 ug/l
 RT: 4.56 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
77	100		
97	20.6	17.8	26.8

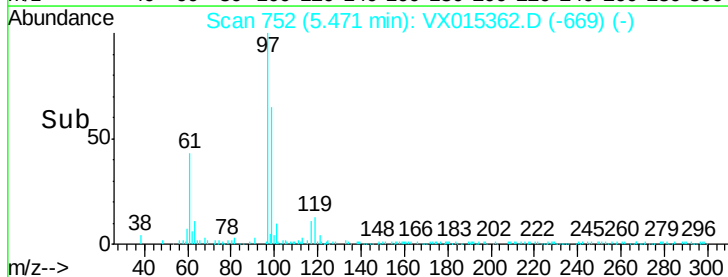
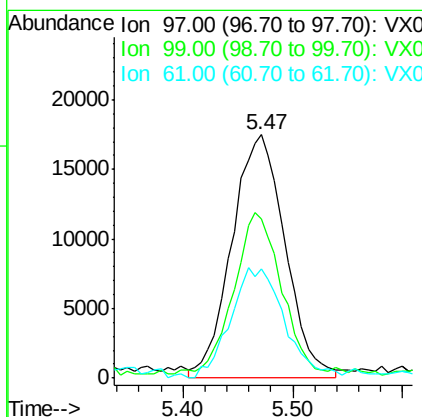
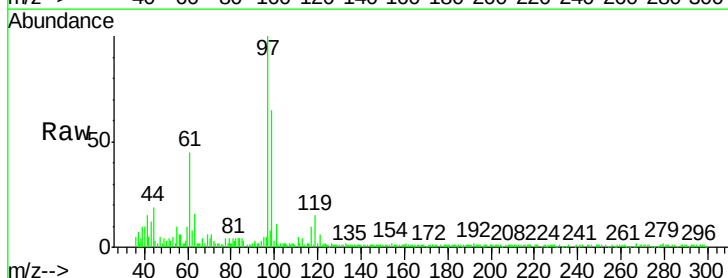
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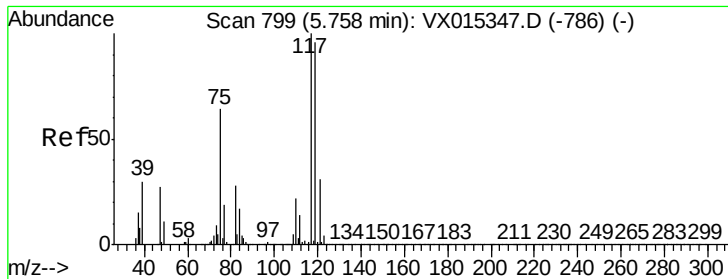
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#32
 1,1,1-Trichloroethane
 Concen: 2.907 ug/l m
 RT: 5.47 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.5	51.0	76.4#
61	0.4	35.8	53.8#





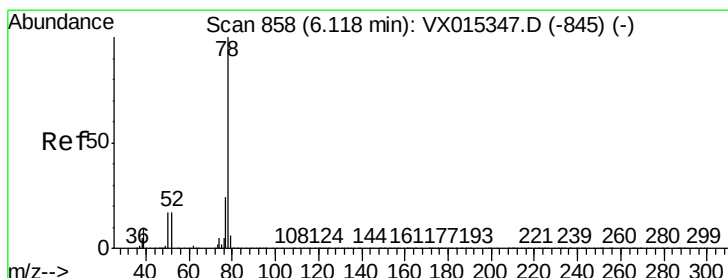
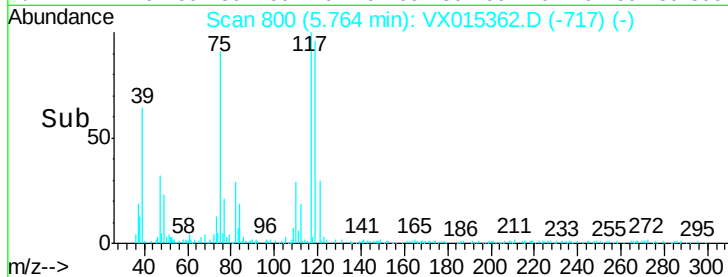
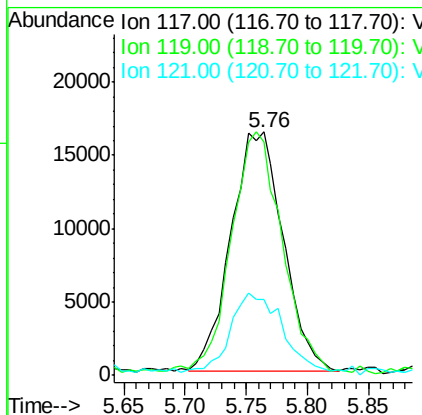
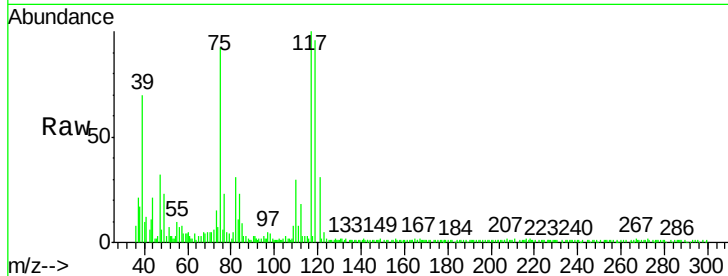
#33
Carbon Tetrachloride
Concen: 2.624 ug/l
RT: 5.76 min Scan# 800
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	114.8
121	29.1	25.0	37.4

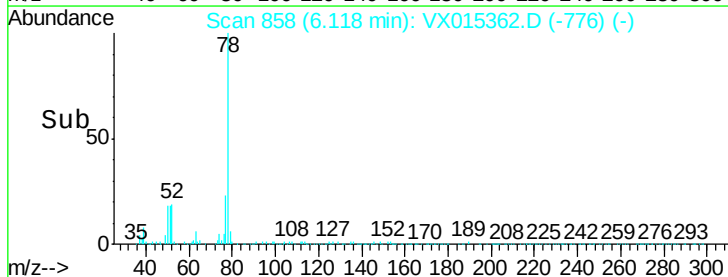
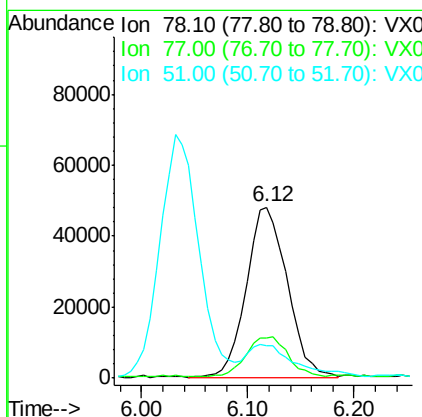
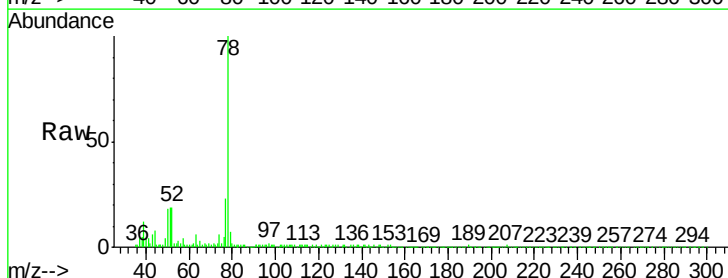
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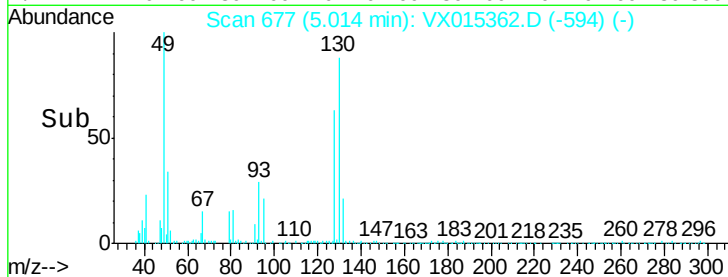
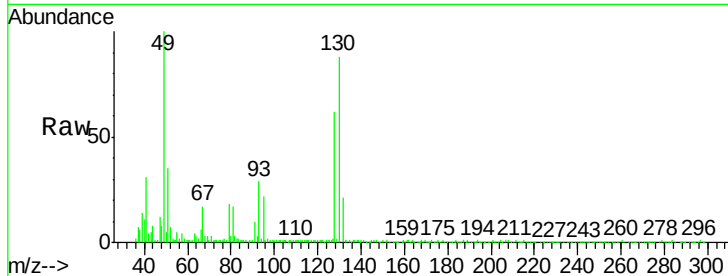
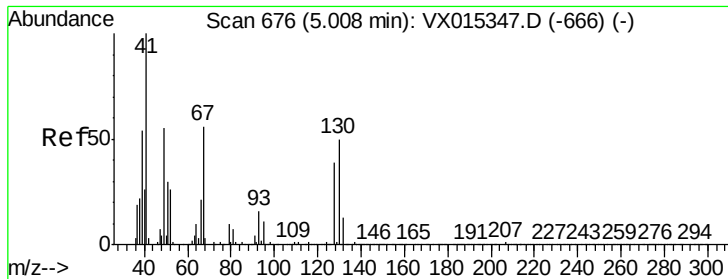
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#34
Benzene
Concen: 2.702 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

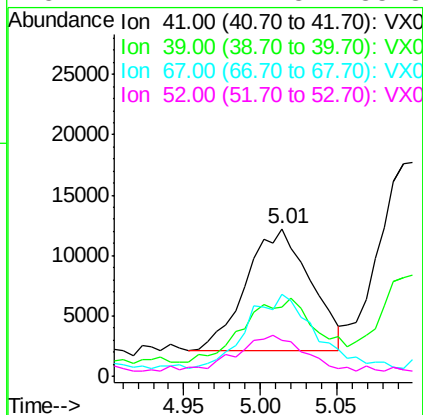
Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.4	29.2
51	15.3	14.6	21.8





#35
Methacrylonitrile
Concen: 2.620 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

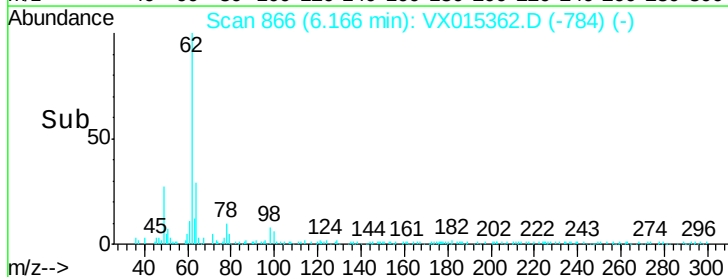
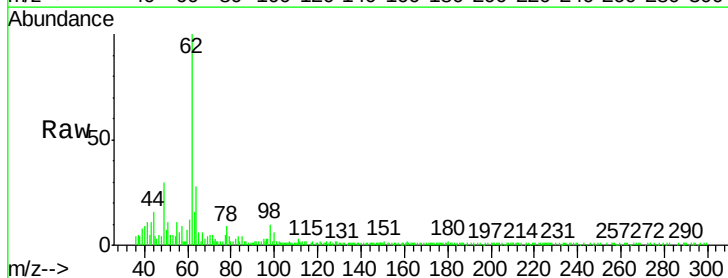
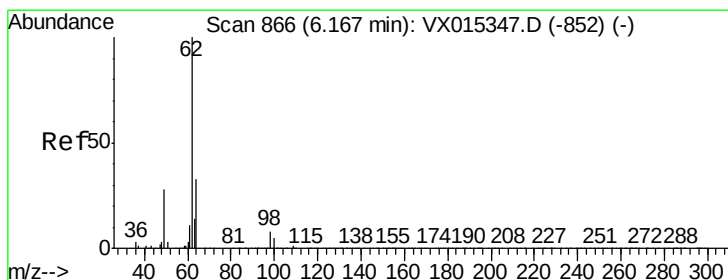
Tot Ion	41	Resp	29683
Ion Ratio	Lower	Upper	
41	100		
39	44.6	27.0	81.0
67	60.3	28.2	84.6
52	22.7	12.8	38.3



Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

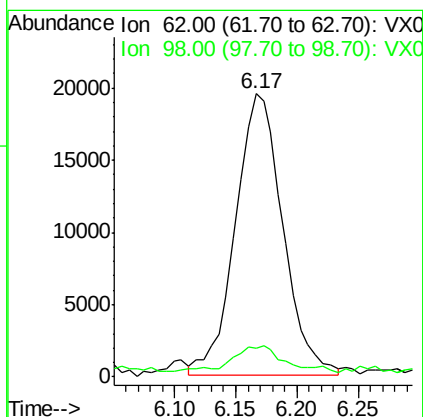
Manual Integrations
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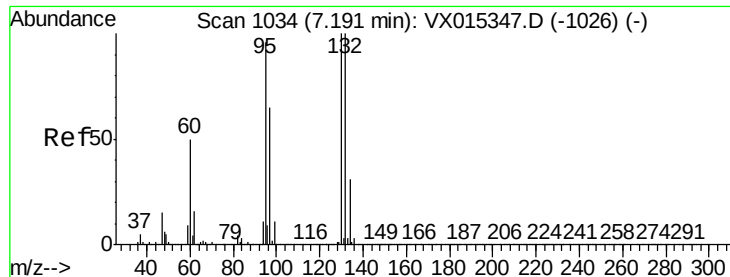
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#36
1,2-Dichloroethane
Concen: 2.832 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	62	Resp	52559
Ion Ratio	Lower	Upper	
62	100		
98	7.6	6.9	10.3





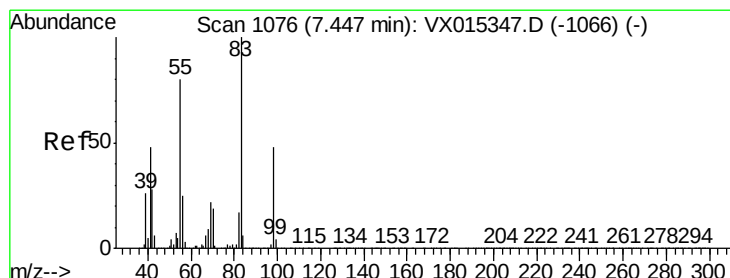
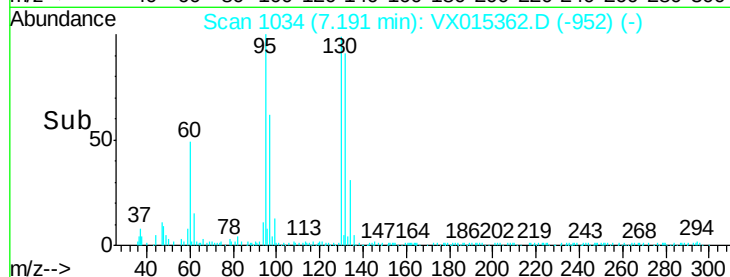
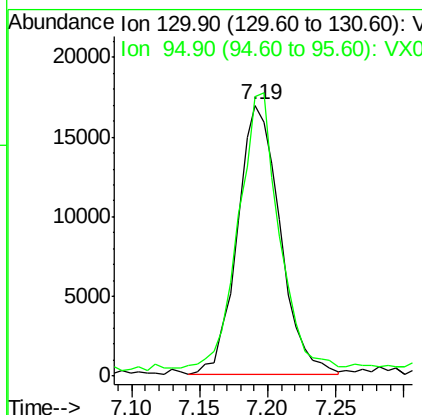
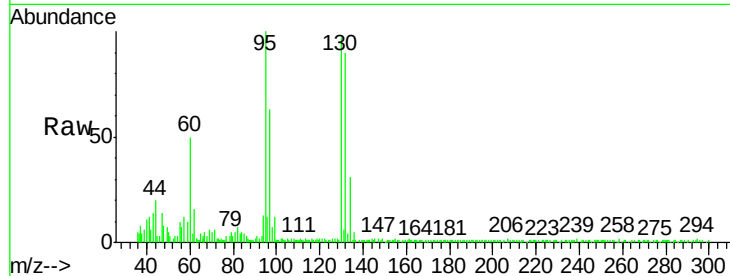
#37
 Trichloroethene
 Concen: 2.749 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Resp	Lower	Upper
130	100			
95	100.2	76.4	114.6	

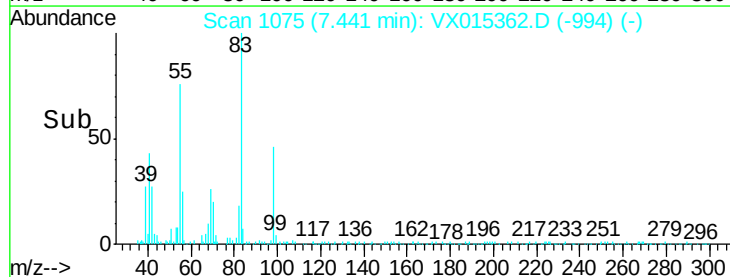
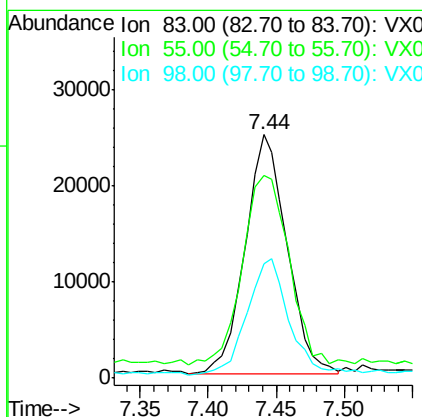
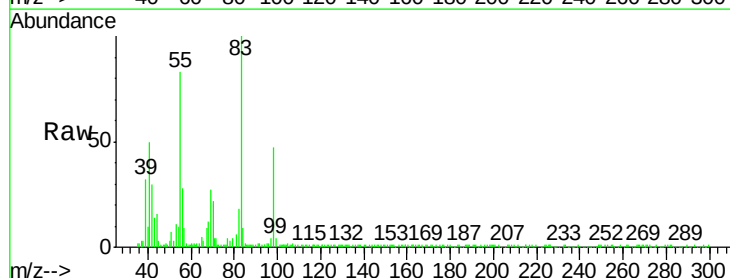
Manual Integrations
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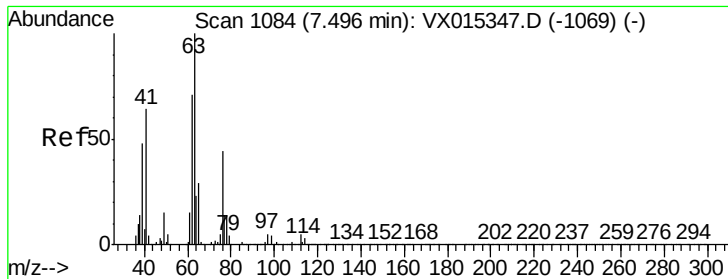
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#38
 Methylcyclohexane
 Concen: 2.612 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	88.1	41.3	124.1	
98	48.0	24.0	72.0	





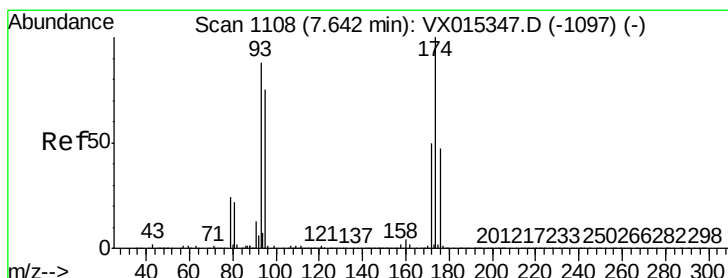
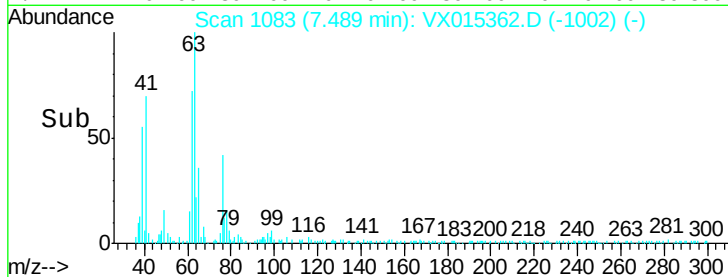
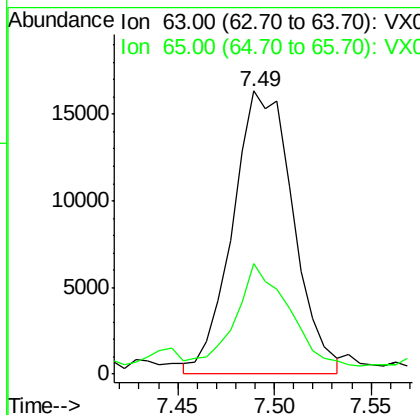
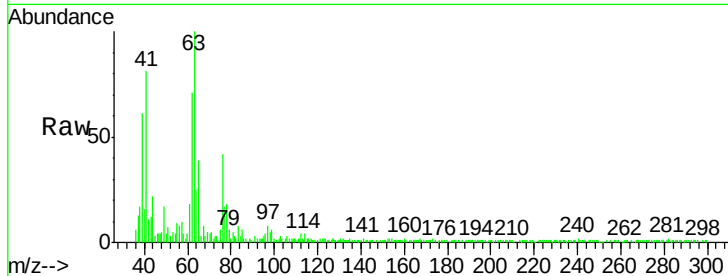
#39
 1,2-Dichloropropane
 Concen: 2.757 ug/l m
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
63	100		
65	38.9	23.0	34.4#

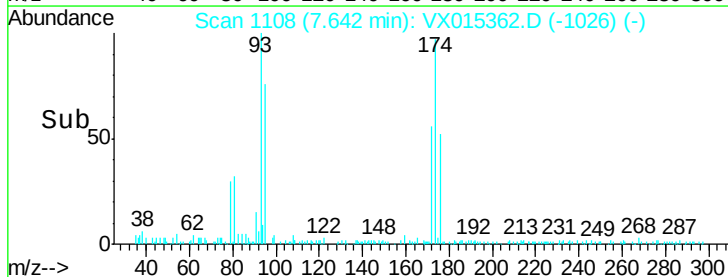
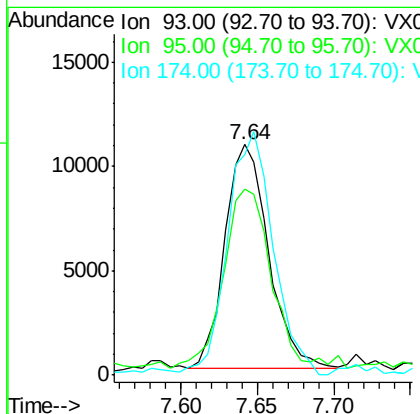
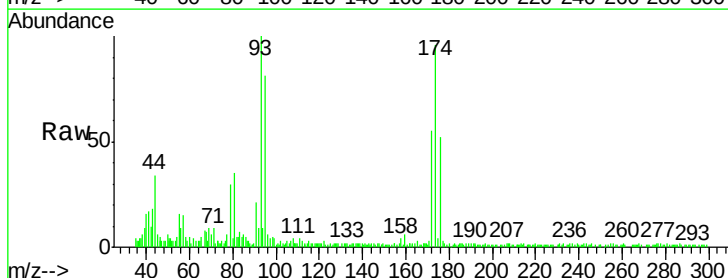
Manual Integrations
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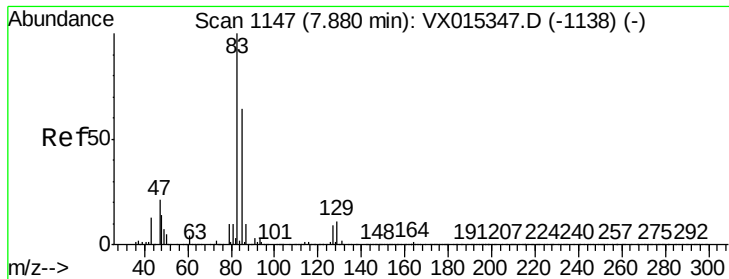
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#40
 Dibromomethane
 Concen: 2.482 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	0.0	166.4
174	113.4	0.0	225.4





#41

Bromodichloromethane

Concen: 2.658 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

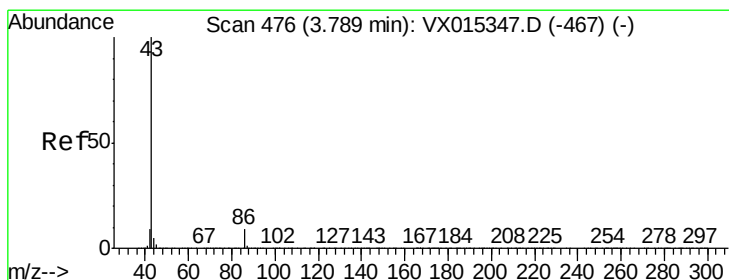
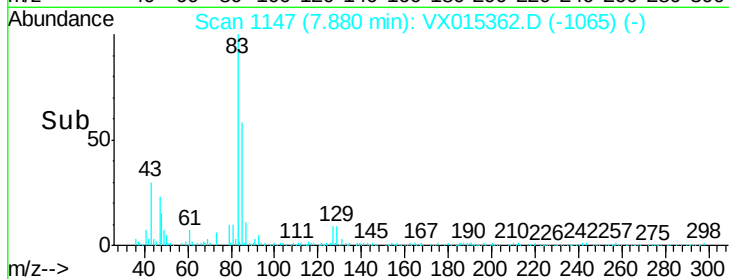
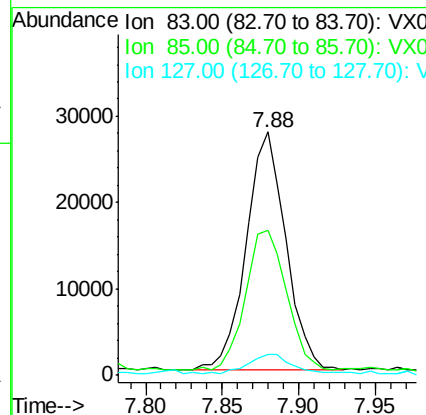
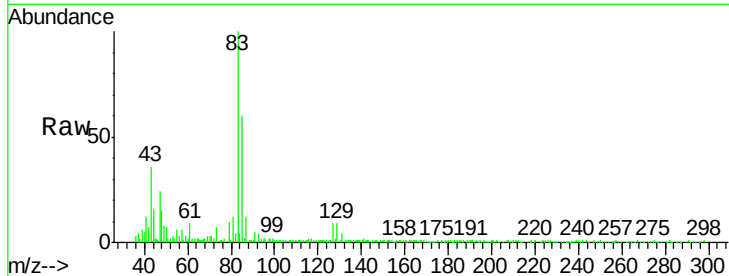
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	83	Resp:	49611
Ion Ratio	Lower	Upper	
83	100		
85	59.1	51.6	77.4
127	7.7	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 13.943 ug/l

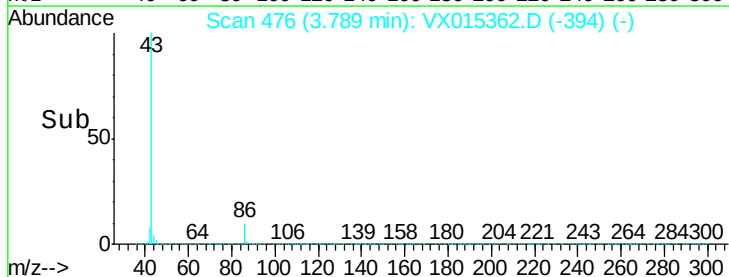
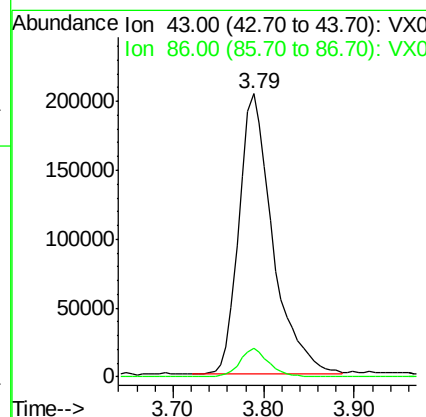
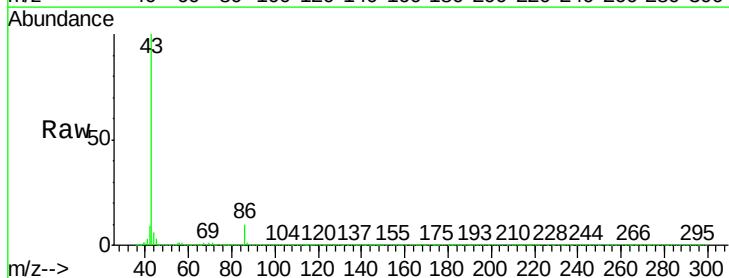
RT: 3.79 min Scan# 476

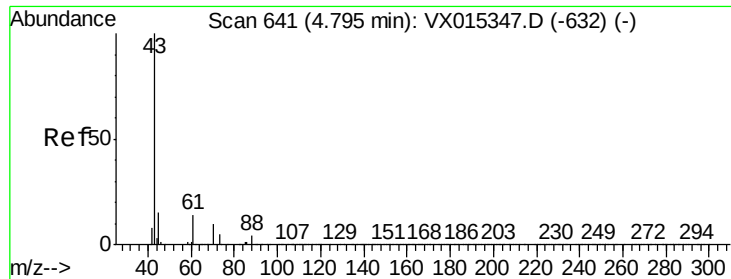
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	43	Resp:	527844
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.9	10.3





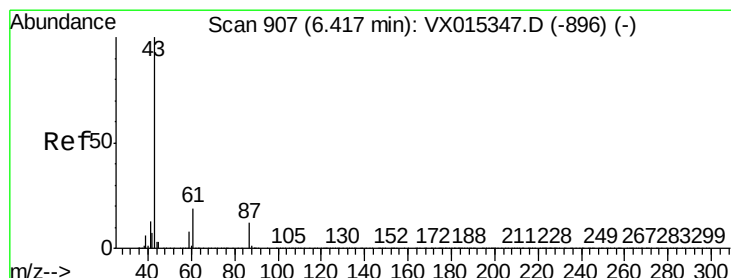
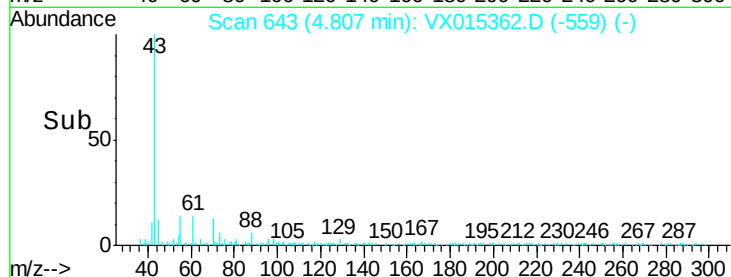
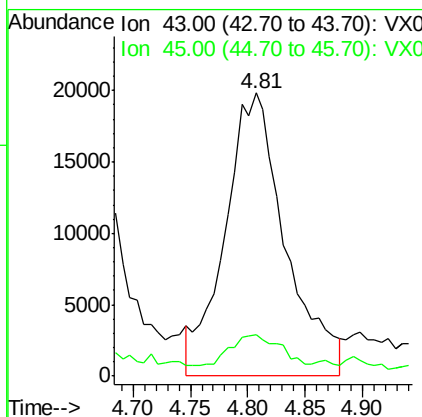
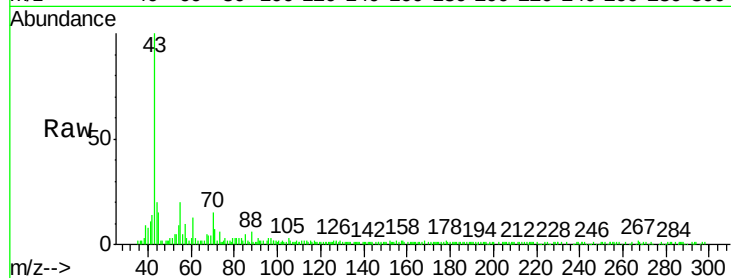
#43
Ethyl Acetate
Concen: 3.355 ug/l m
RT: 4.81 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion: 43 Resp: 72920
Ion Ratio Lower Upper
43 100
45 0.2 12.2 18.4#

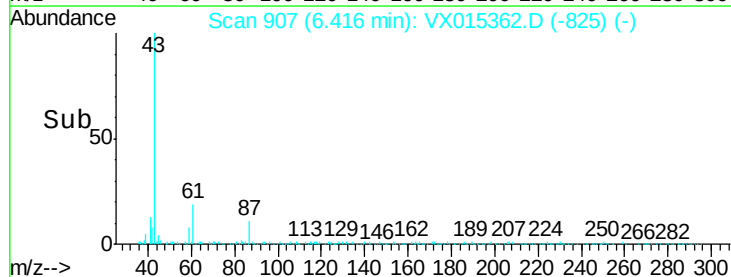
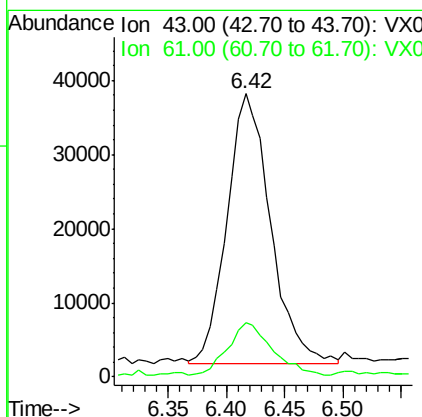
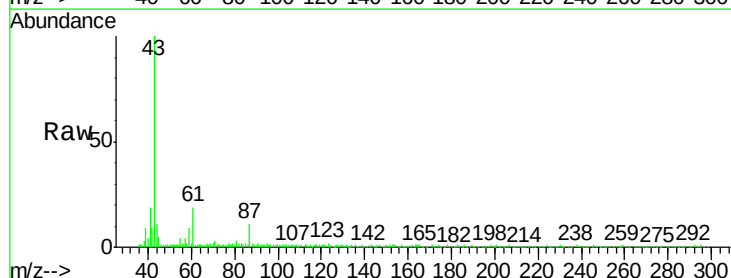
Manual Integrations
APPROVED

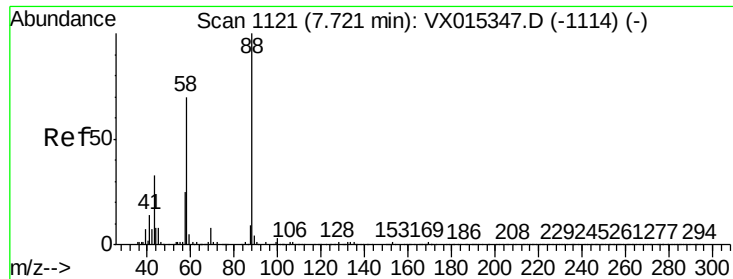
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#44
Isopropyl Acetate
Concen: 2.693 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion: 43 Resp: 94193
Ion Ratio Lower Upper
43 100
61 19.4 14.6 22.0





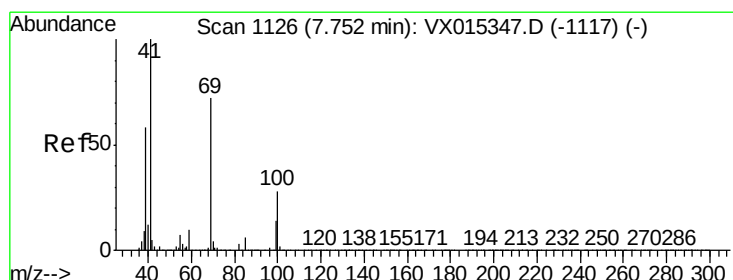
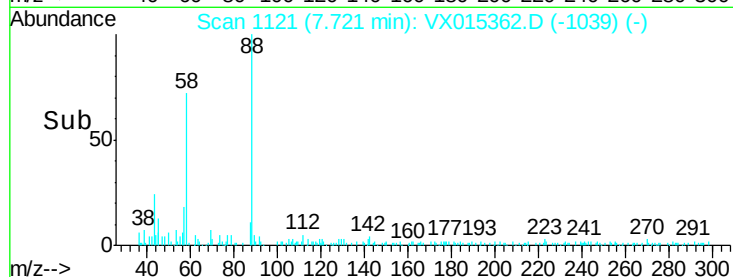
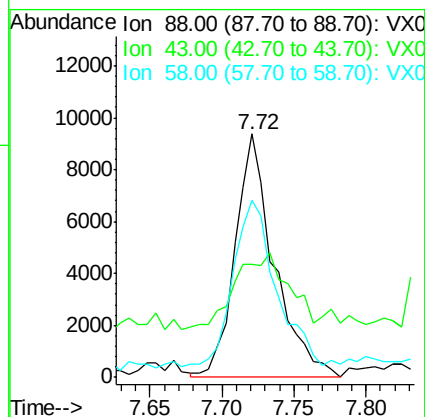
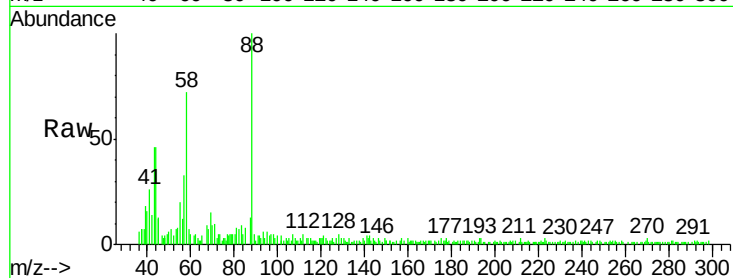
#45
1,4-Dioxane
Concen: 54.862 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.3	32.1	48.1#
58	75.5	59.4	89.0

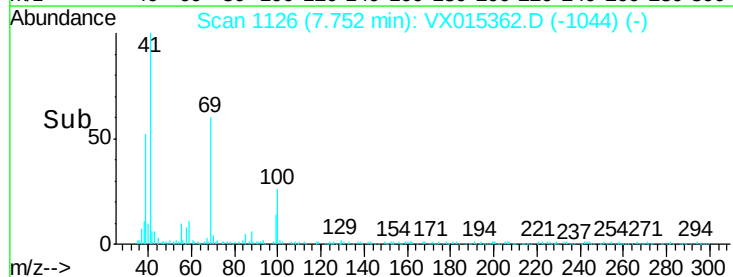
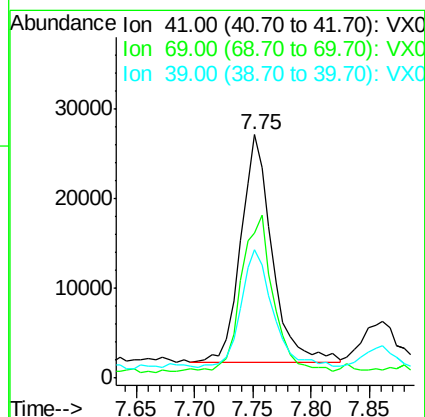
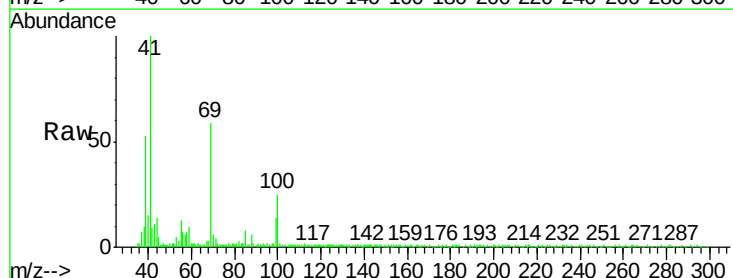
Manual Integrations
APPROVED

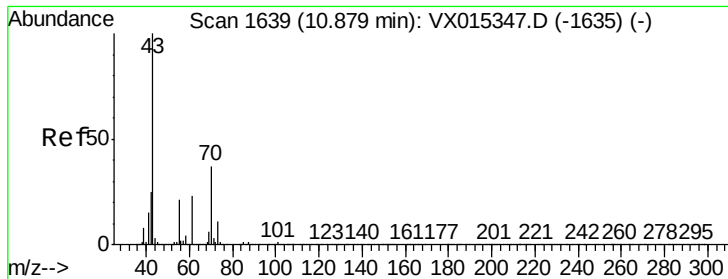
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#46
Methyl methacrylate
Concen: 2.712 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	59.5	35.8	107.4
39	51.5	28.9	86.8





#47

n-amvl Acetate

Concen: 2.678 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion: 43 Resp: 80770

Ion Ratio Lower Upper

43 100

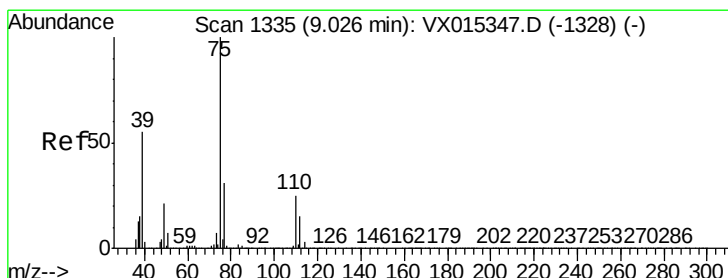
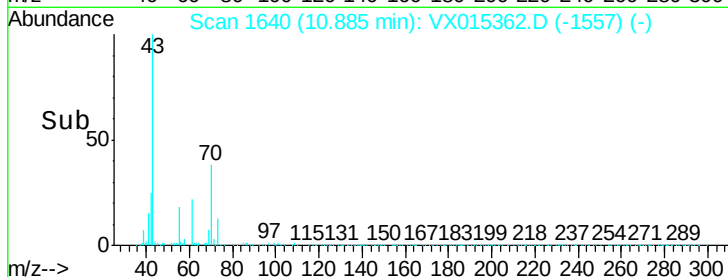
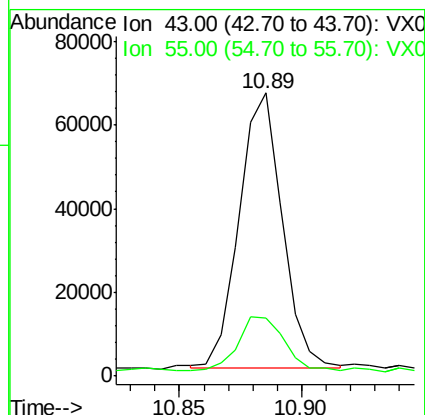
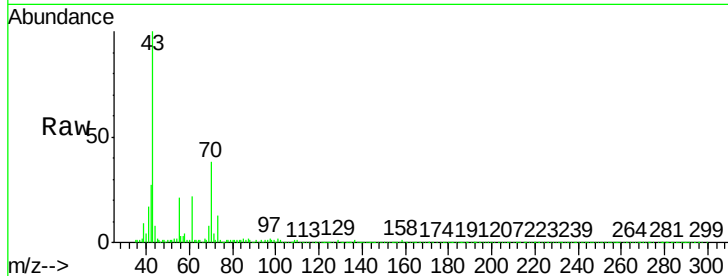
55 20.7 17.0 25.6

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 2.636 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015362.D

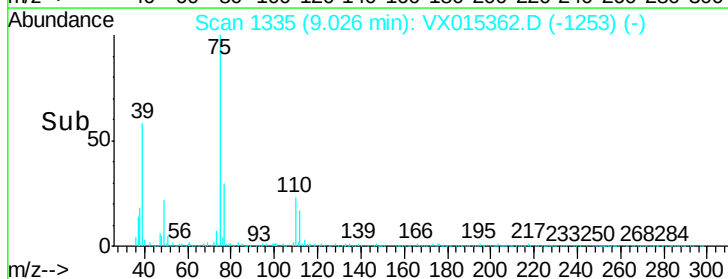
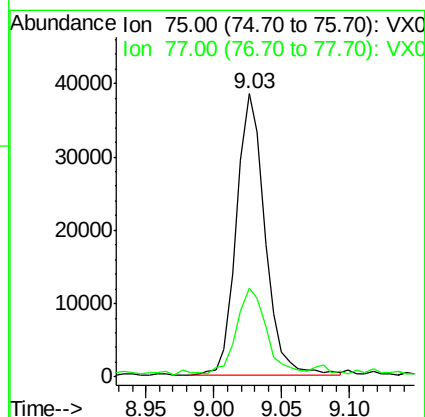
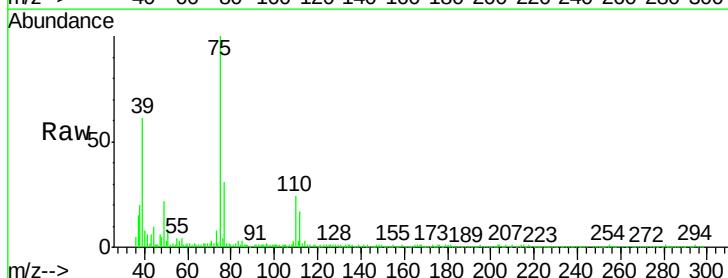
Acq: 26 Mar 2020 17:16

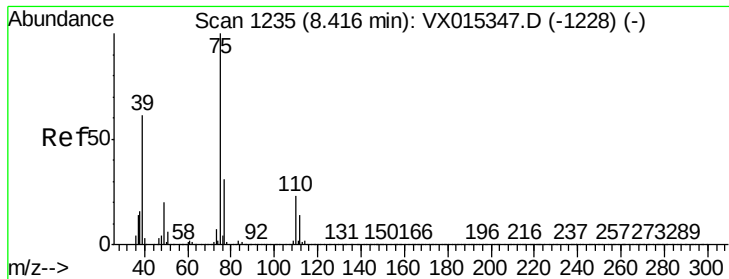
Tgt Ion: 75 Resp: 56789

Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0





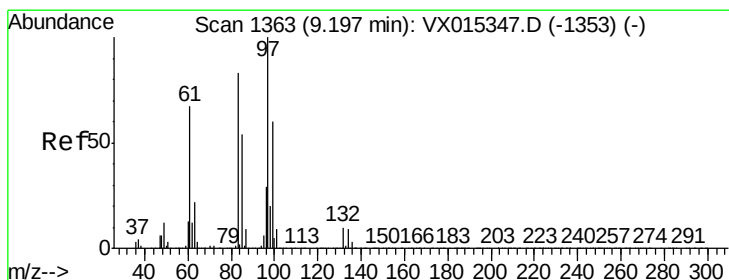
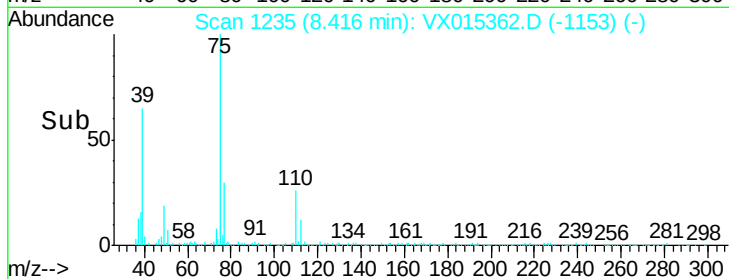
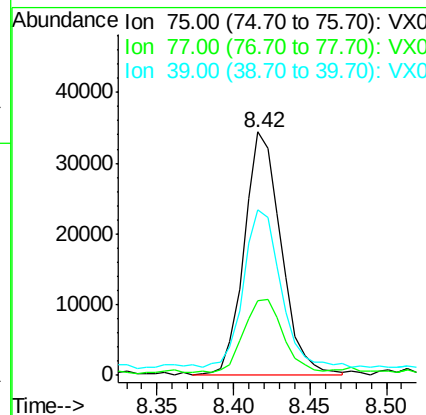
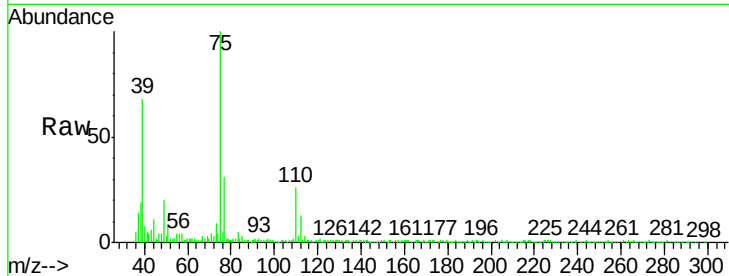
#49
 cis-1,3-Dichloropropene
 Concen: 2.607 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.6	36.8
39	64.4	48.9	73.3

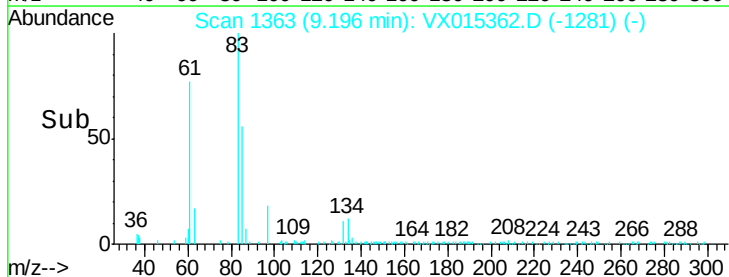
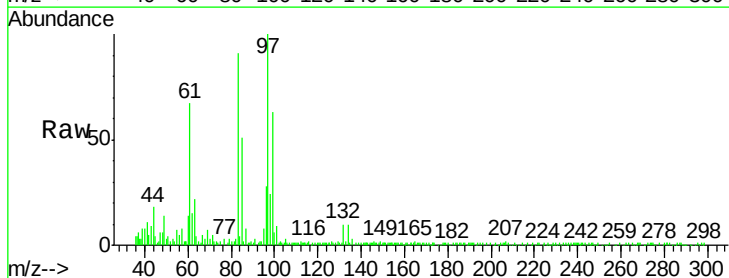
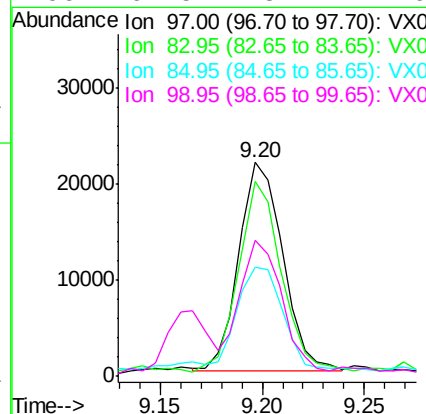
Manual Integrations
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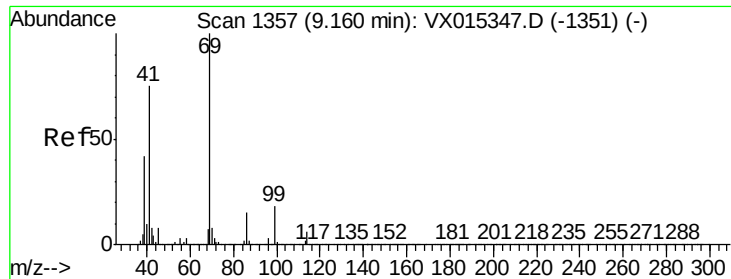
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#50
 1,1,2-Trichloroethane
 Concen: 2.626 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.3	66.8	100.2
85	49.4	43.3	64.9
99	61.5	48.4	72.6





#51

Ethyl methacrylate

Concen: 2.521 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

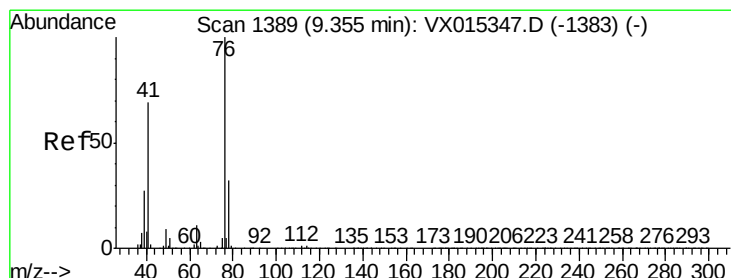
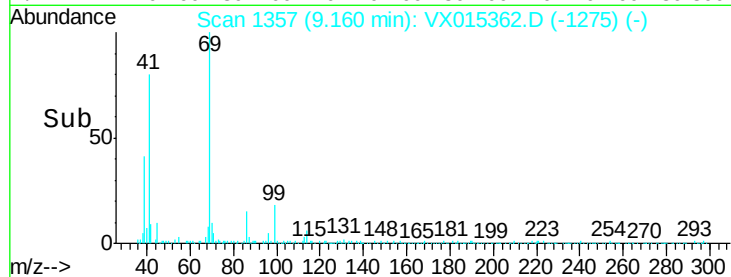
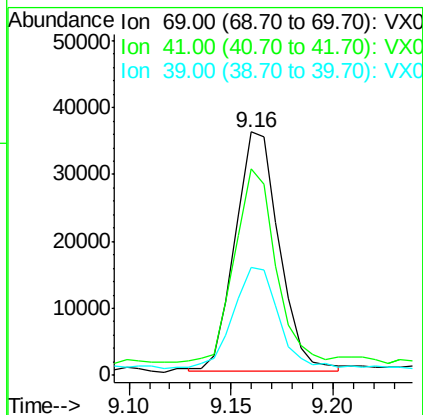
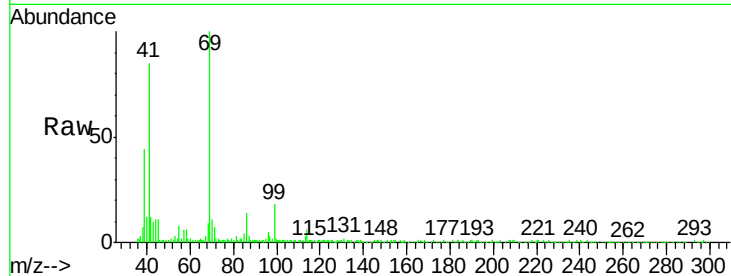
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	69	Resp:	53426
Ion	Ratio	Lower	Upper
69	100		
41	81.5	37.4	112.2
39	42.1	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 2.694 ug/l

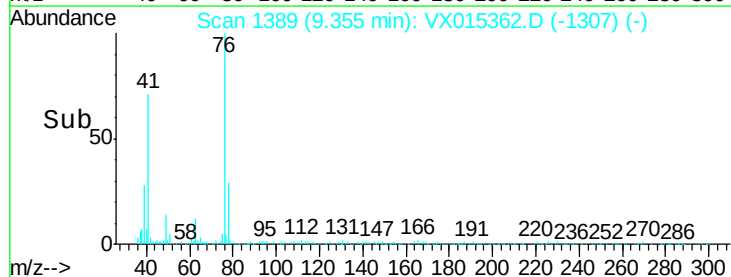
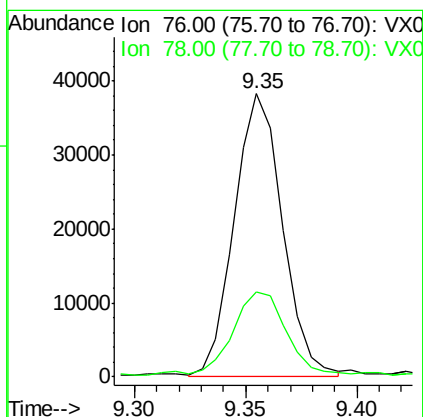
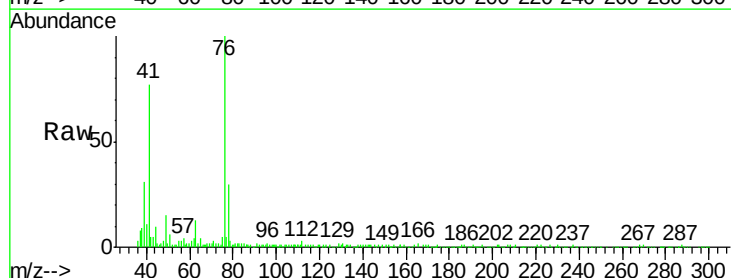
RT: 9.35 min Scan# 1389

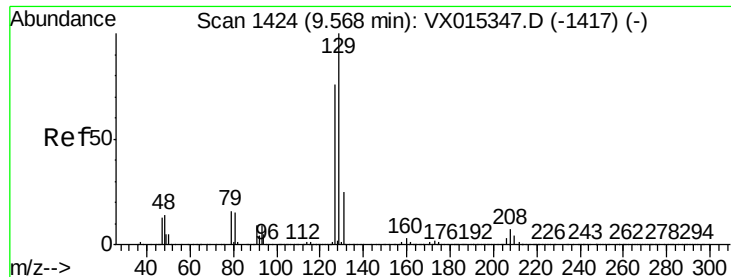
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	76	Resp:	57342
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.2





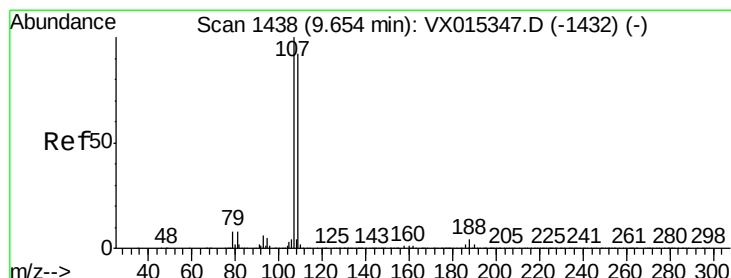
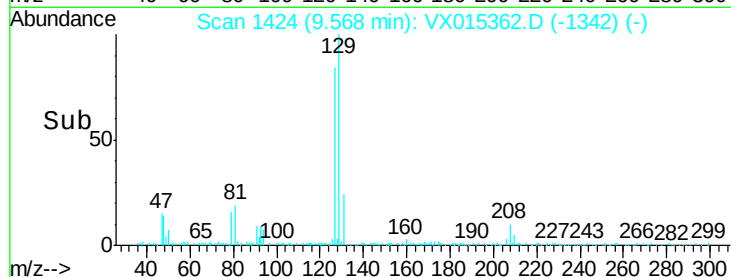
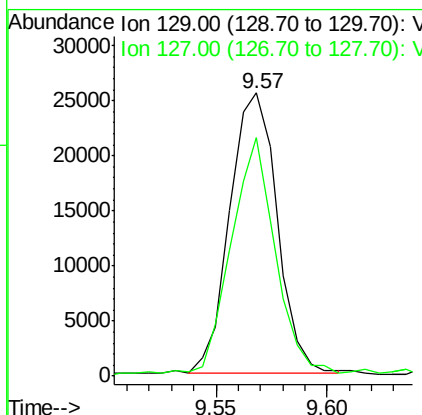
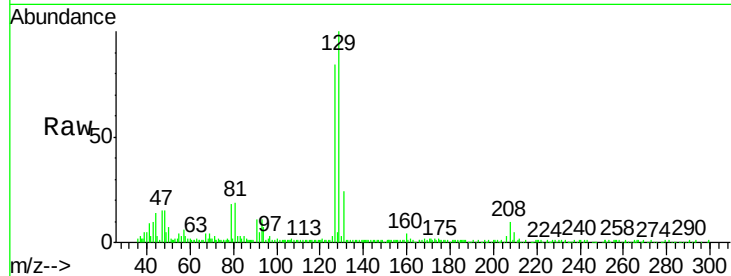
#53
Dibromochloromethane
Concen: 2.484 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion:129 Resp: 37744
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7

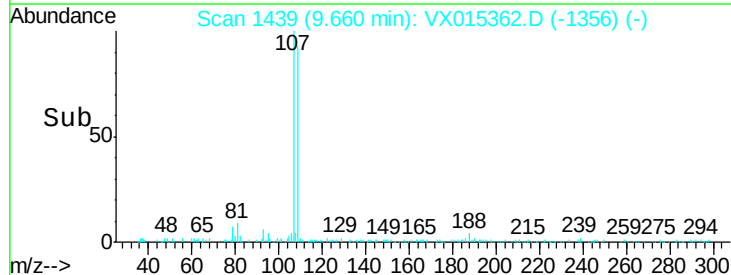
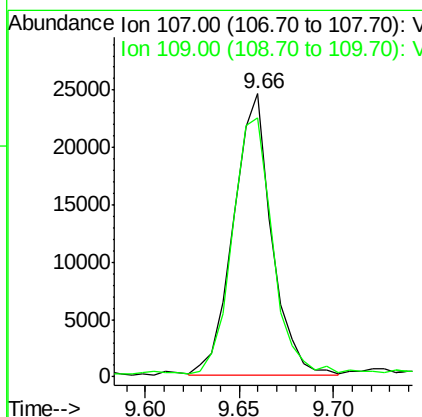
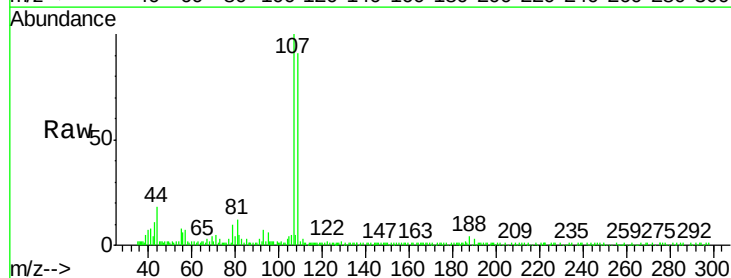
Manual Integrations
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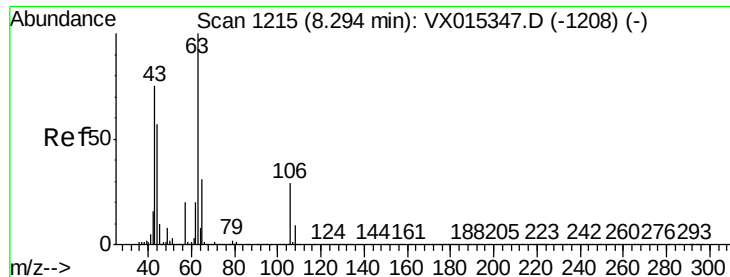
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#54
1,2-Dibromoethane
Concen: 2.605 ug/l
RT: 9.66 min Scan# 1439
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion:107 Resp: 34454
Ion Ratio Lower Upper
107 100
109 96.5 75.0 112.6





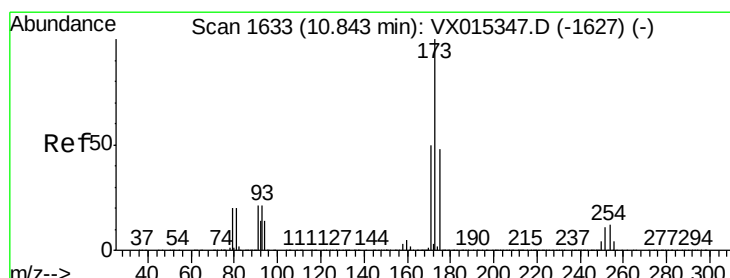
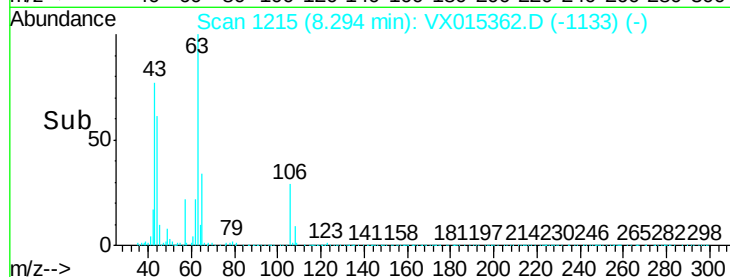
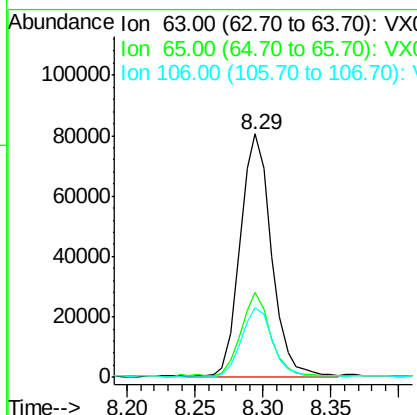
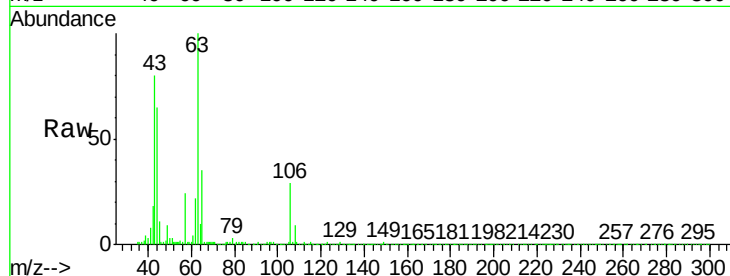
#55
2-Chloroethyl vinyl ether
Concen: 12.868 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.5	38.3
106	28.4	23.1	34.7

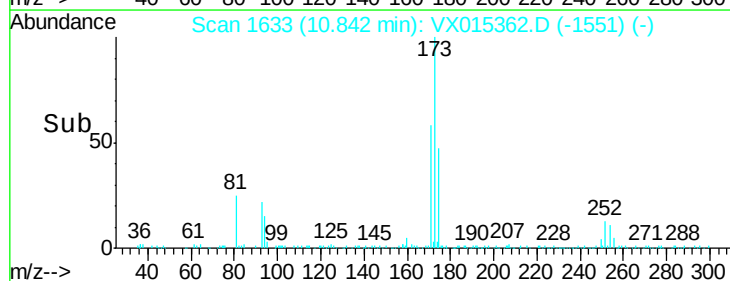
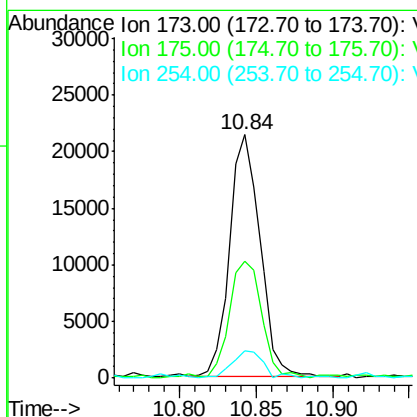
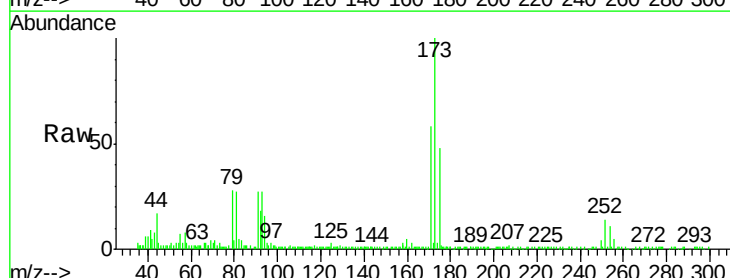
Manual Integrations
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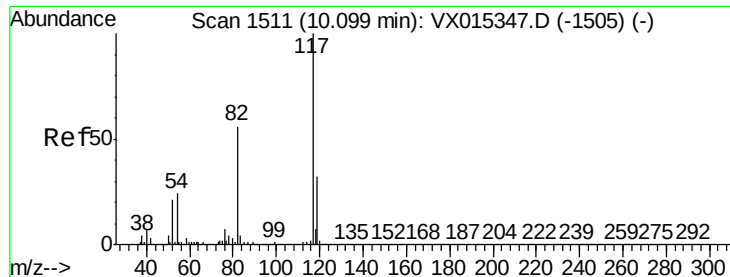
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#56
Bromoform
Concen: 2.374 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.1	39.0	58.4
254	10.8	9.4	14.2





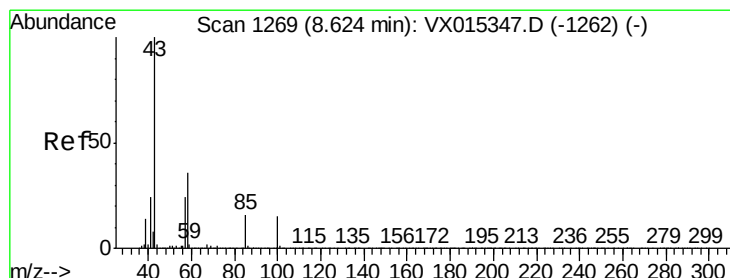
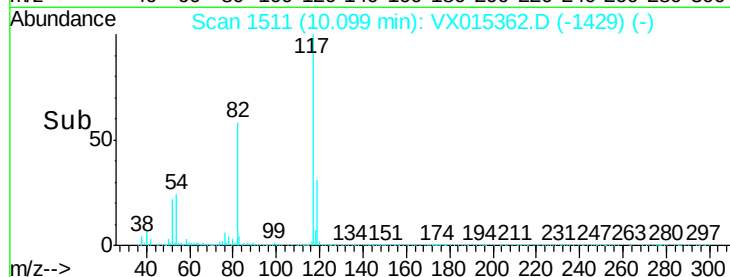
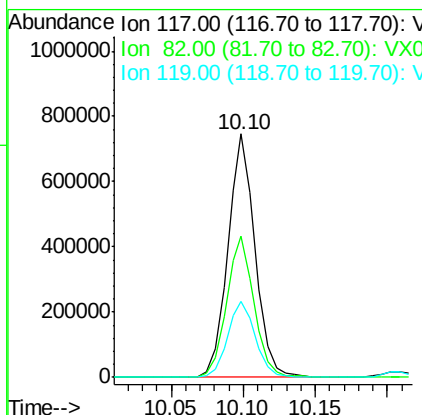
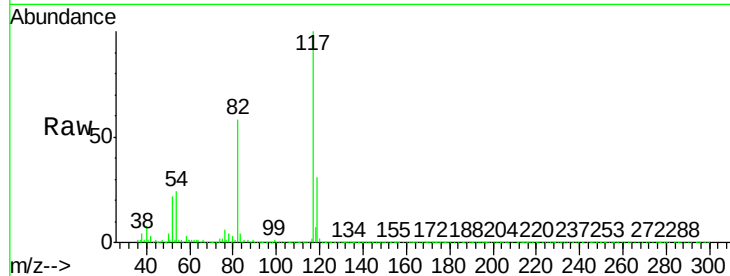
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	58.2	45.0	67.6
119	32.1	25.5	38.3

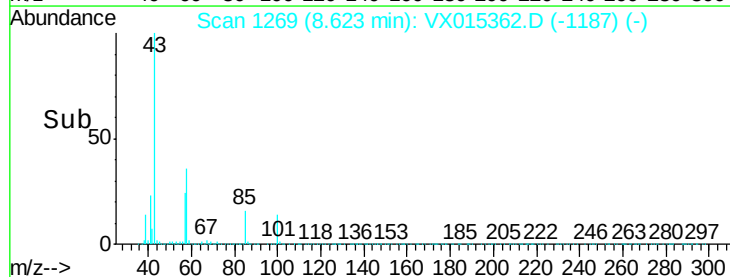
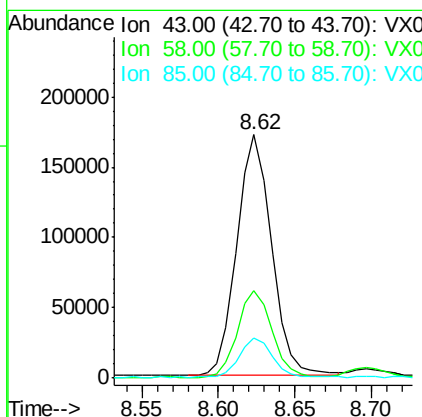
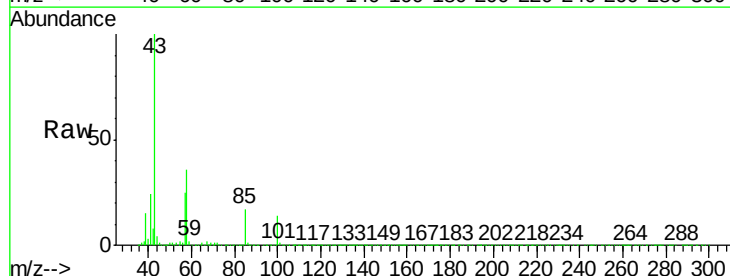
Manual Integrations
APPROVED

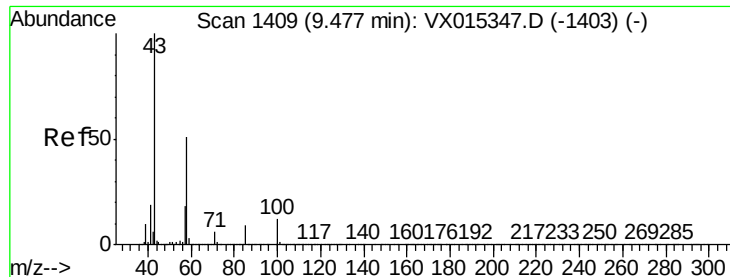
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#58
4-Methyl-2-Pentanone
Concen: 14.328 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	36.2	29.4	44.0
85	15.7	13.0	19.4





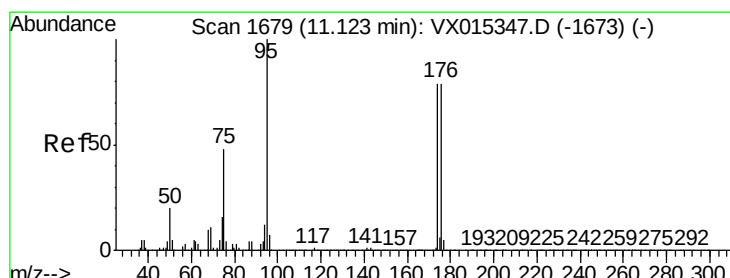
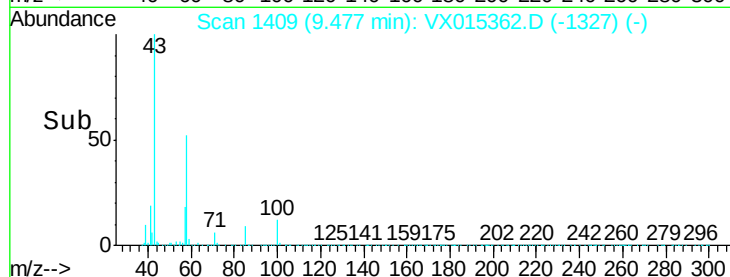
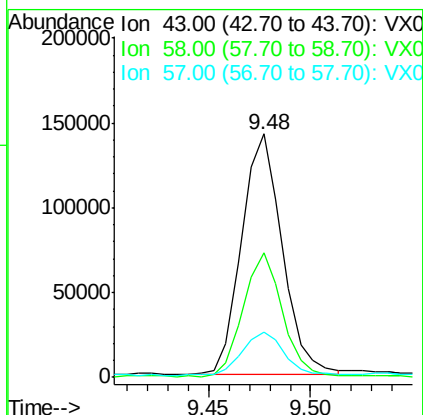
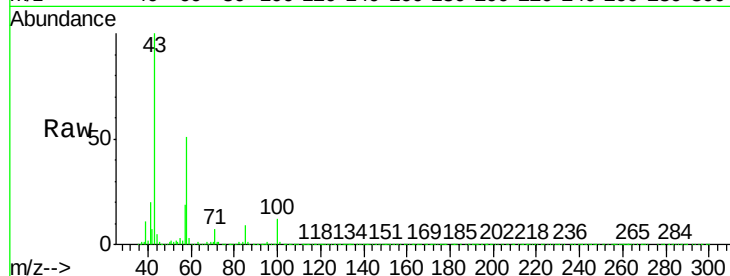
#59
2-Hexanone
Concen: 13.710 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.9	40.2	60.4
57	18.6	14.6	22.0

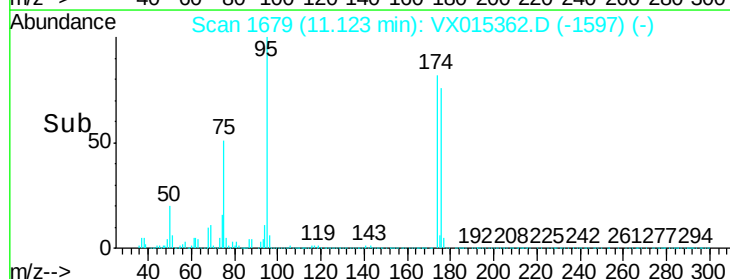
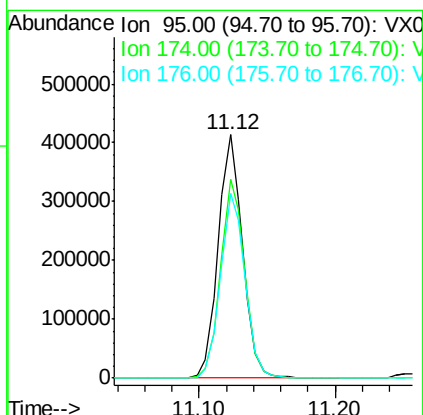
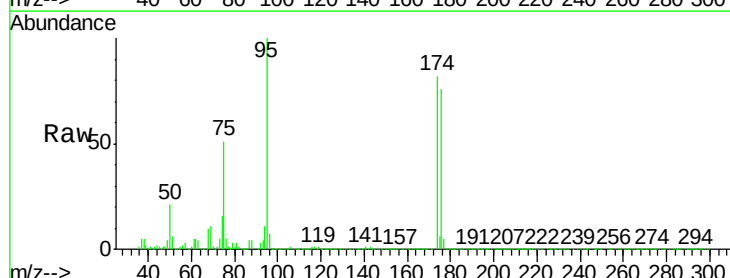
Manual Integrations
APPROVED

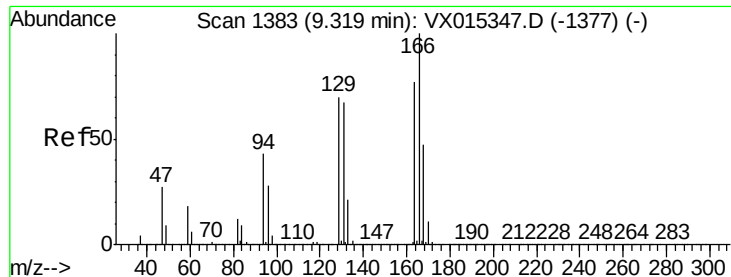
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#60
4-Bromofluorobenzene
Concen: 30.276 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.6	66.4	99.6
176	76.7	64.1	96.1





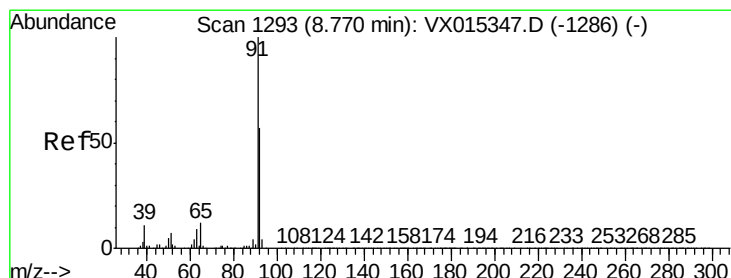
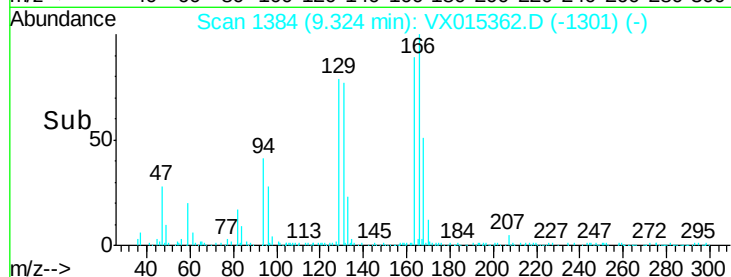
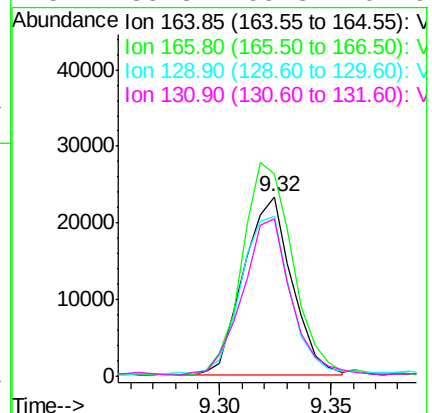
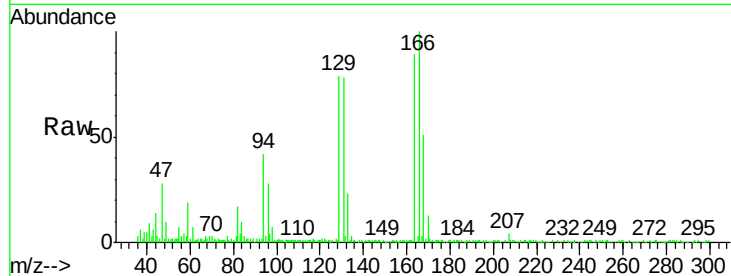
#61
Tetrachloroethene
Concen: 2.795 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	112.5	103.6	155.4
129	88.1	72.6	108.8
131	85.8	69.8	104.6

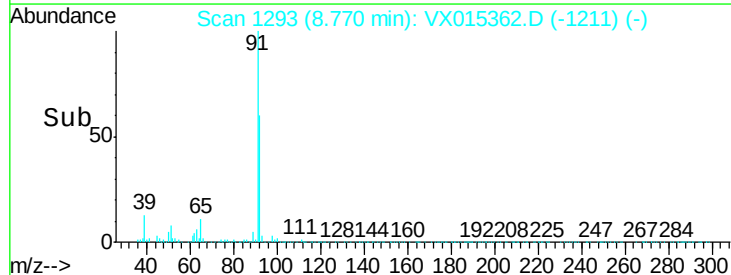
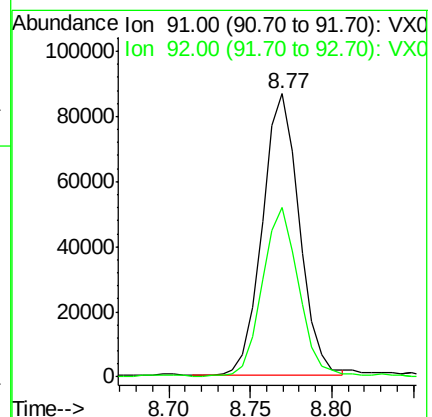
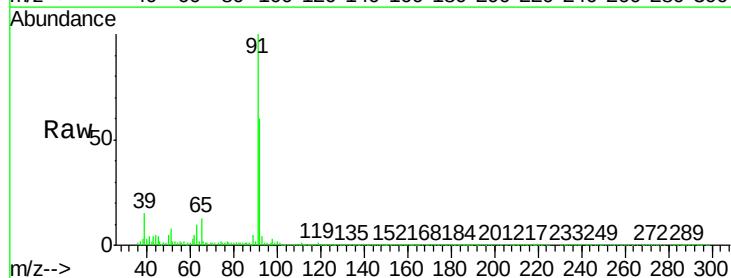
Manual Integrations
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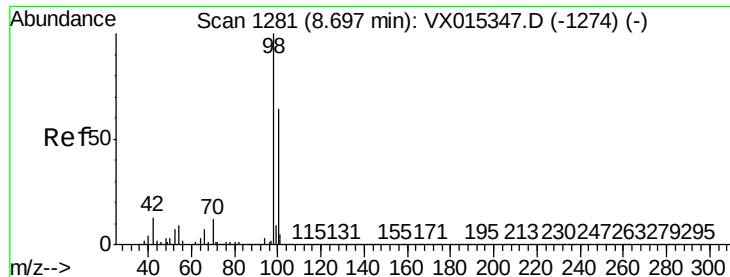
apatel
3/27/2020 5:59:56 PM



#62
Toluene
Concen: 2.738 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	46.7	70.1





#63

Toluene-d8

Concen: 31.136 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion: 98 Resp: 1301355

Ion Ratio Lower Upper

98 100

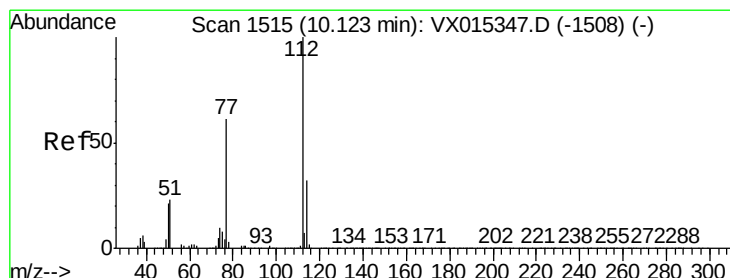
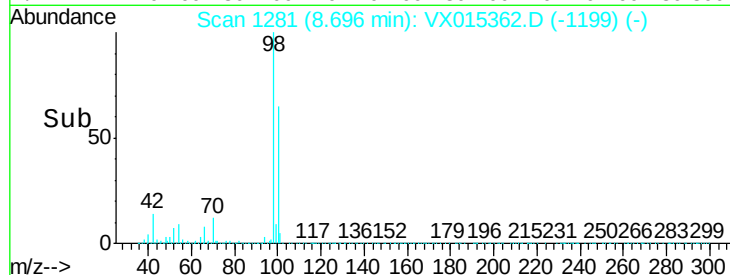
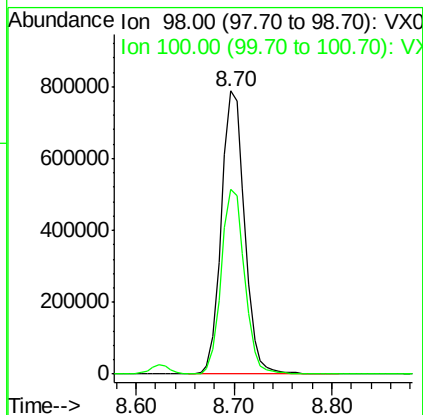
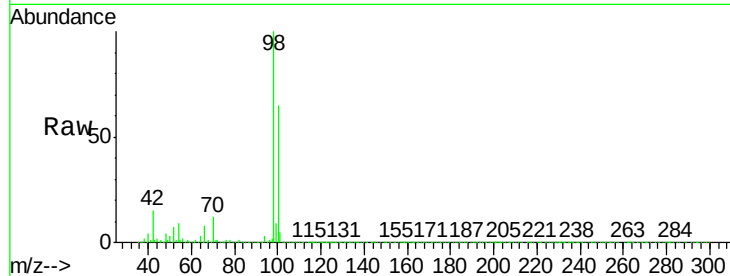
100 65.6 52.2 78.2

Manual Integrations

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#64

Chlorobenzene

Concen: 2.813 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015362.D

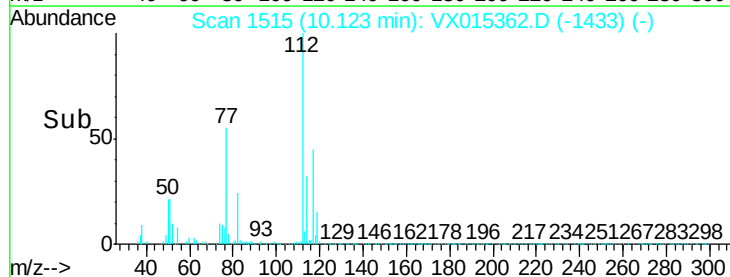
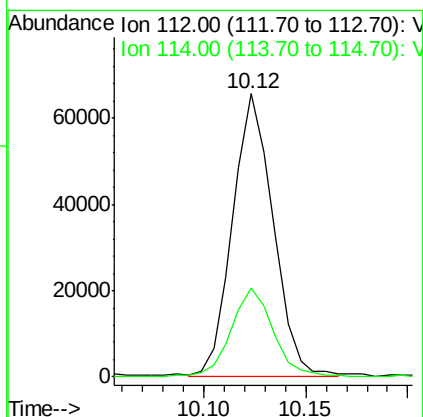
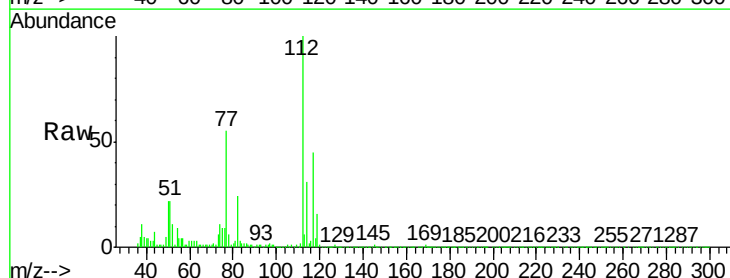
Acq: 26 Mar 2020 17:16

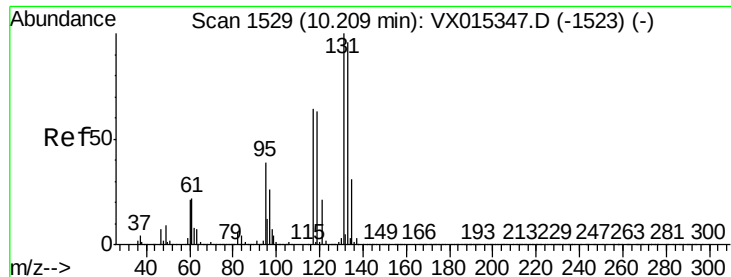
Tgt Ion: 112 Resp: 90131

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 2.621 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

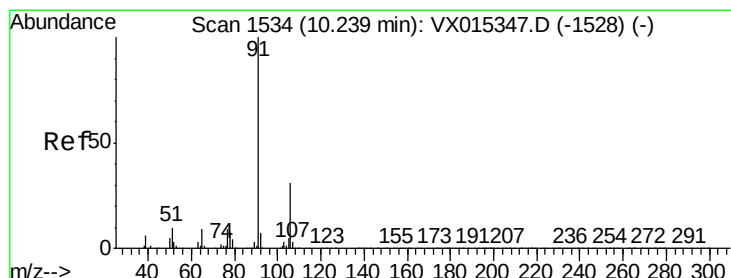
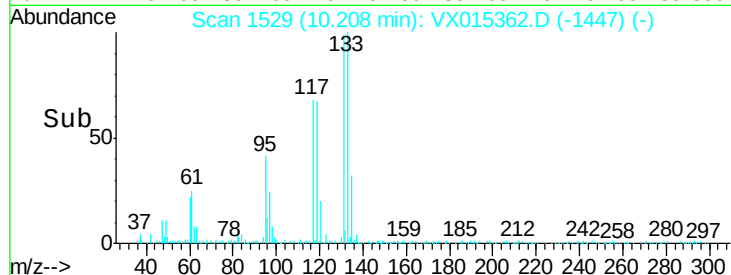
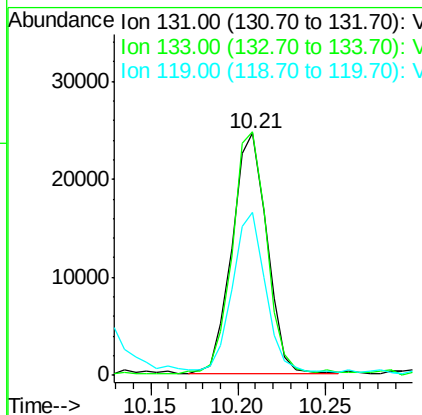
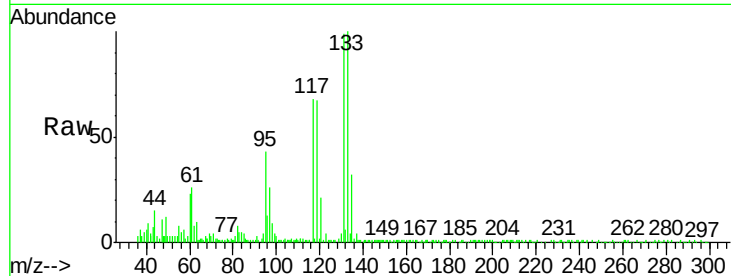
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	131	Resp:	34311
Ion Ratio	Lower	Upper	
131	100		
133	97.3	0.0	193.6
119	63.4	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 2.786 ug/l

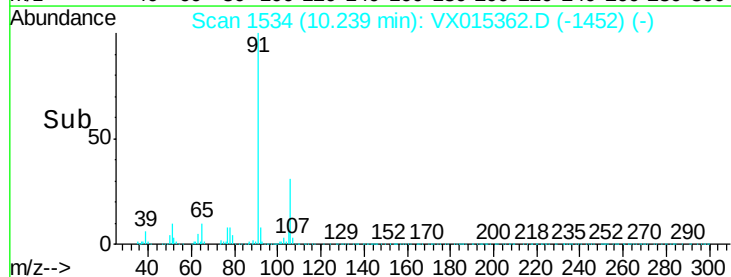
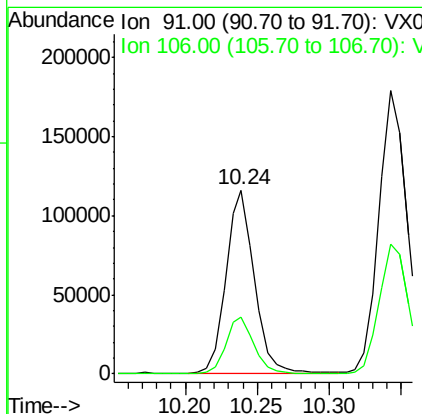
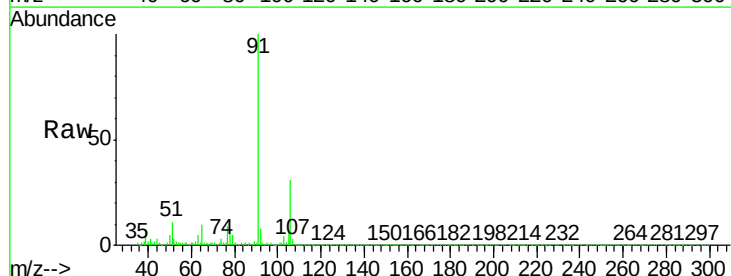
RT: 10.24 min Scan# 1534

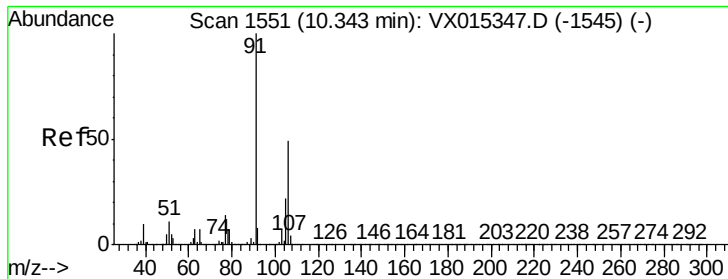
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	91	Resp:	158569
Ion Ratio	Lower	Upper	
91	100		
106	31.0	25.0	37.6





#67

m/p-Xylenes

Concen: 5.366 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:106 Resp: 115599

Ion Ratio Lower Upper

106 100

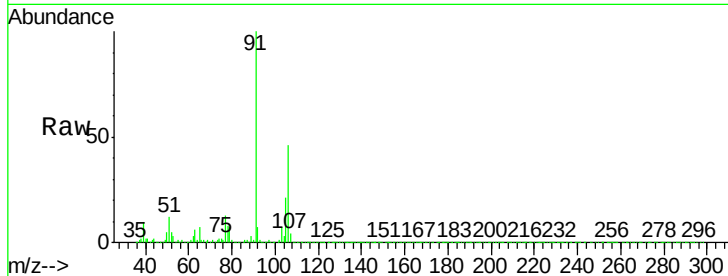
91 211.4 165.0 247.4

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

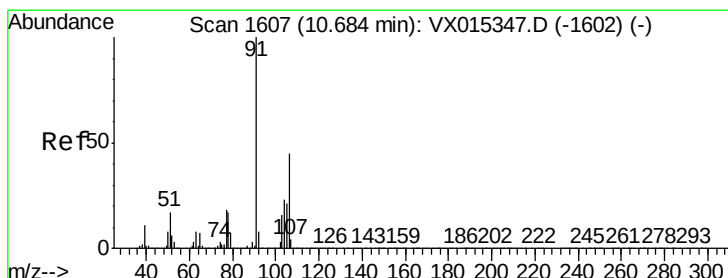
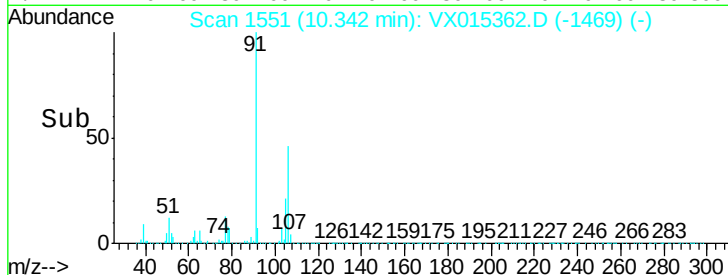
100000

50000

0

10.30 10.35 10.40

Time-->



#68

o-Xylene

Concen: 2.683 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015362.D

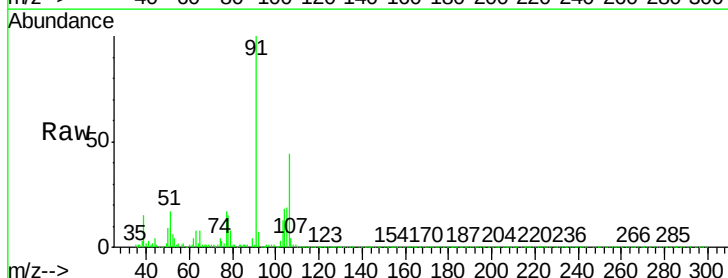
Acq: 26 Mar 2020 17:16

Tgt Ion:106 Resp: 56505

Ion Ratio Lower Upper

106 100

91 221.8 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

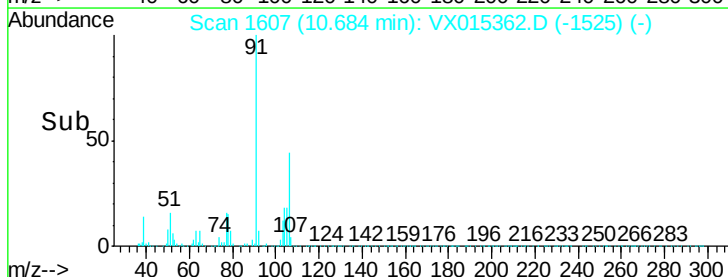
40000

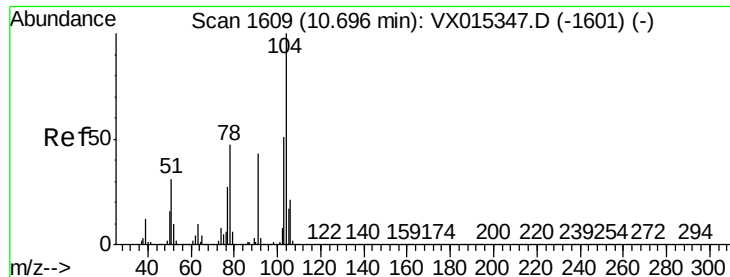
20000

0

10.65 10.70

Time-->





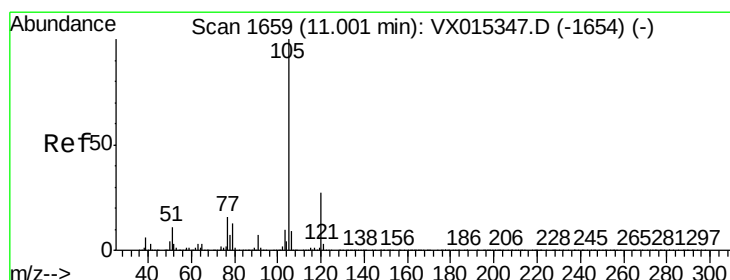
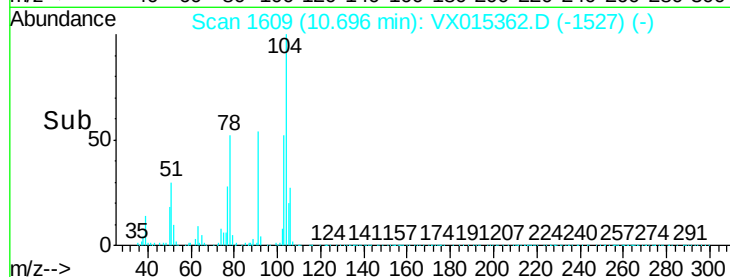
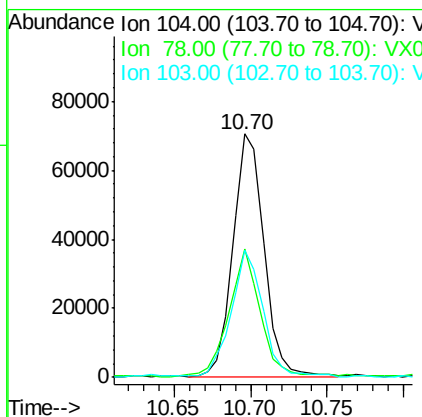
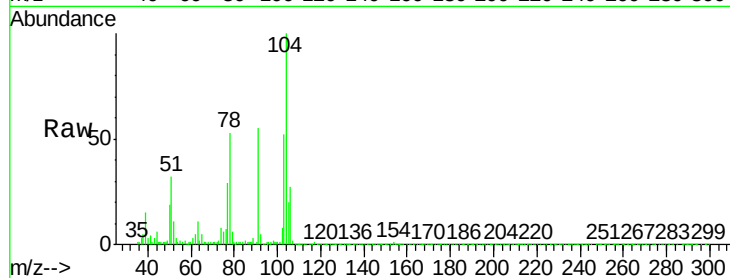
#69
Stvrene
Concen: 2.705 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.5	62.3
103	53.1	43.4	65.2

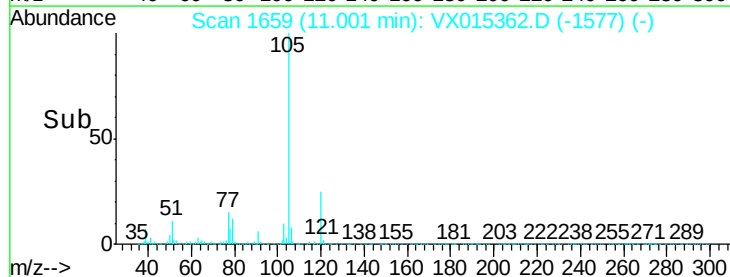
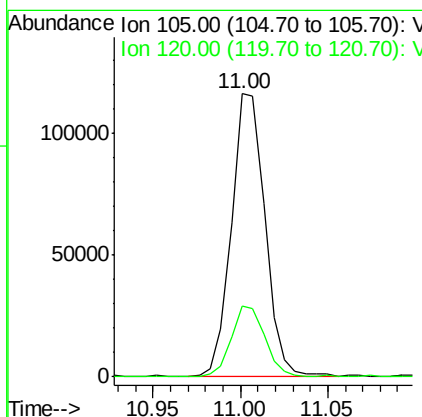
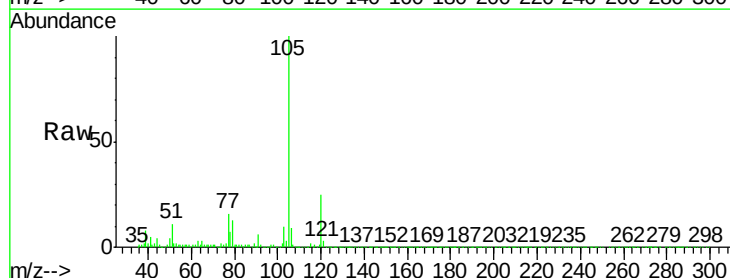
Manual Integrations
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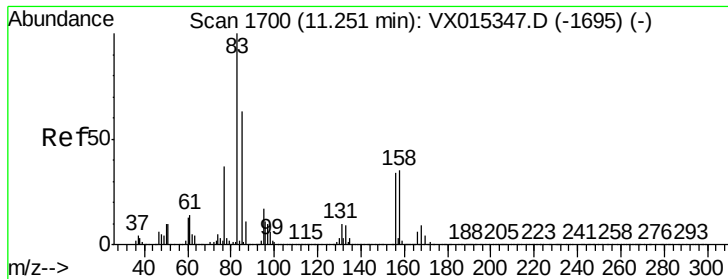
apatel
3/27/2020 5:59:56 PM



#70
Isopropylbenzene
Concen: 2.777 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.9	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 2.775 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

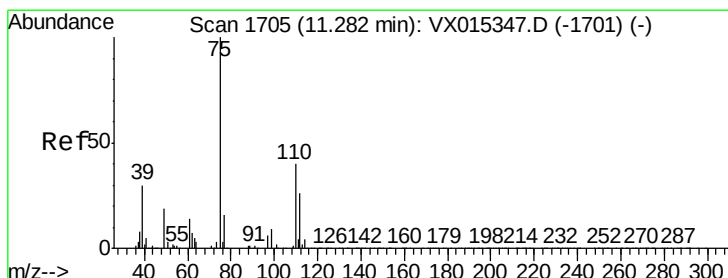
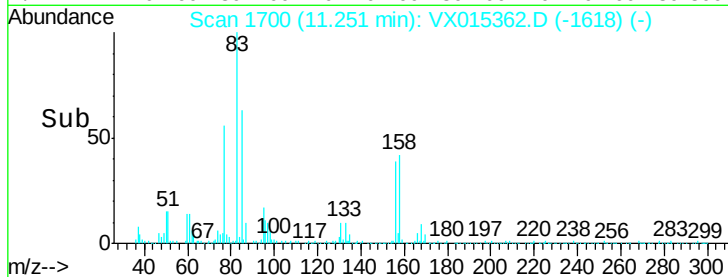
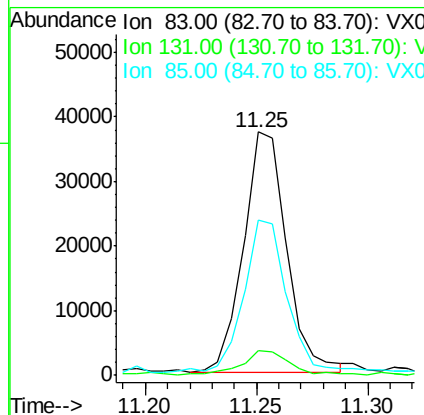
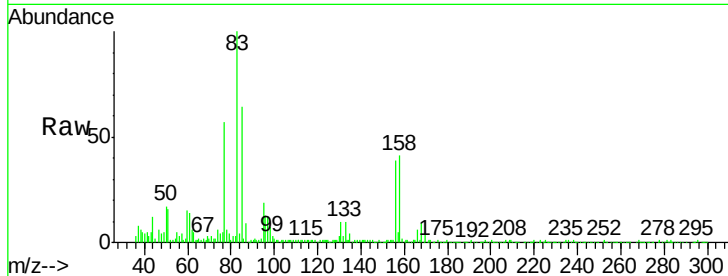
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	83	Resp:	50214
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.3	15.9
85	60.4	32.0	96.2

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3/27/2020 5:59:56 PM



#72

1,2,3-Trichloropropane

Concen: 2.757 ug/l m

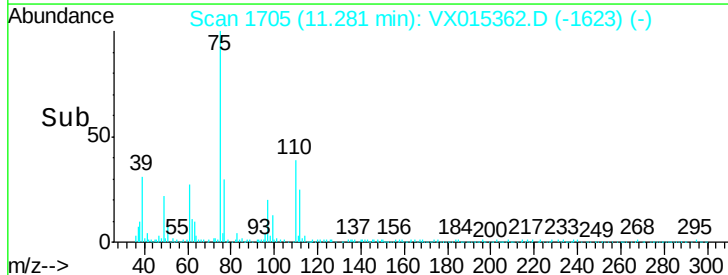
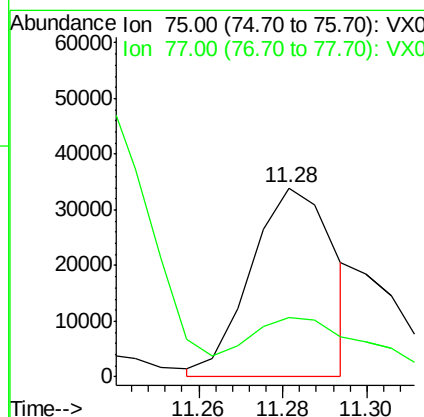
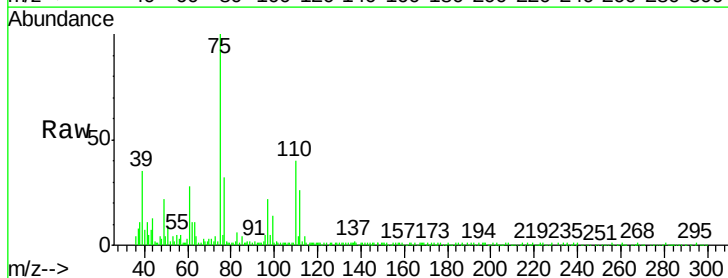
RT: 11.28 min Scan# 1705

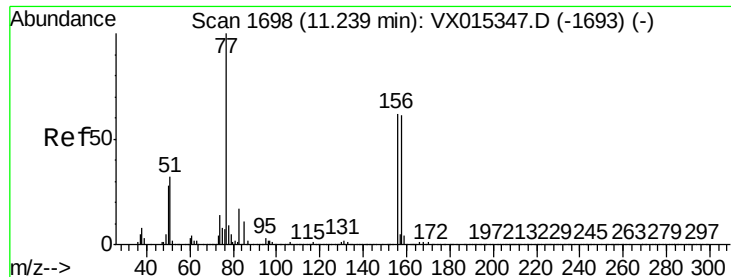
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	75	Resp:	46686
Ion Ratio	Lower	Upper	
75	100		
77	42.6	0.0	80.0





#73

Bromobenzene

Concen: 2.616 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

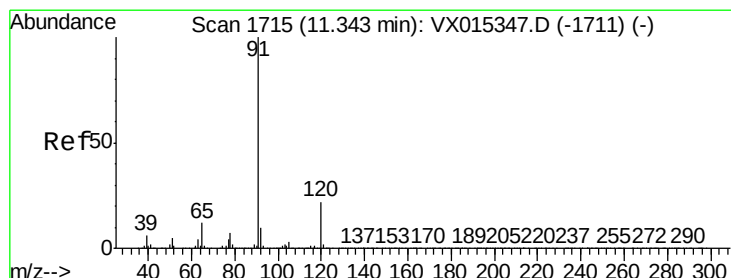
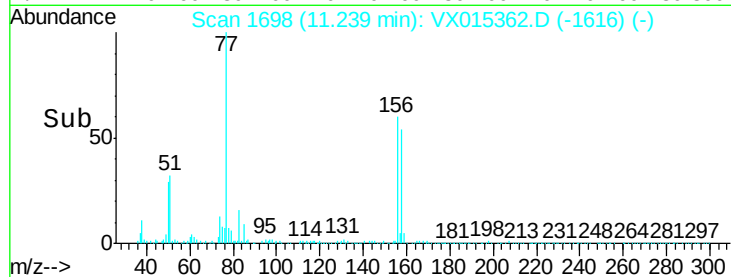
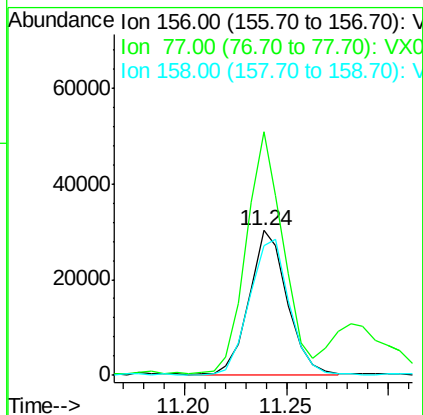
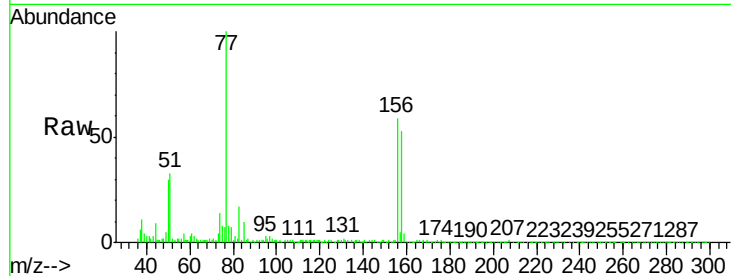
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	156	Resp:	39199
Ion Ratio	Lower	Upper	
156	100		
77	161.1	0.0	324.4
158	98.1	0.0	200.0

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#74

n-propylbenzene

Concen: 2.683 ug/l

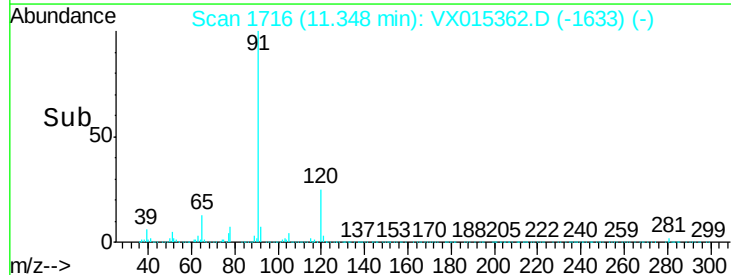
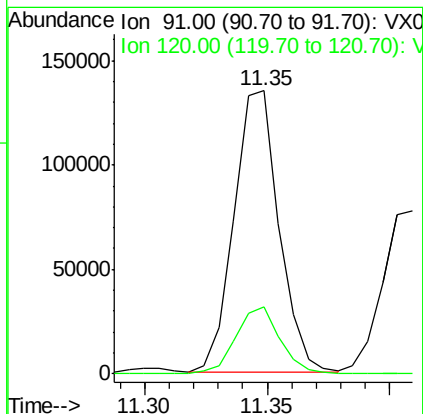
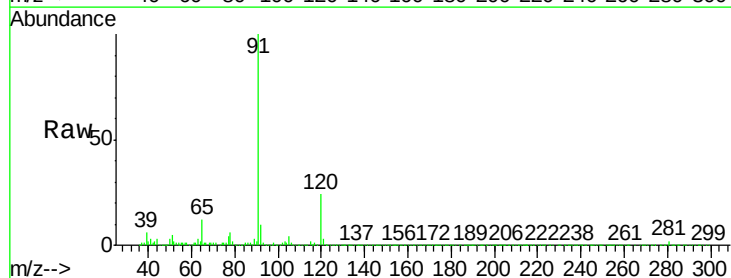
RT: 11.35 min Scan# 1716

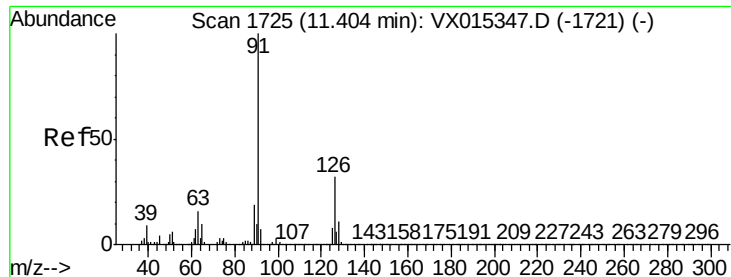
Delta R.T. 0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	91	Resp:	171789
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





#75

2-Chlorotoluene

Concen: 2.677 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion: 91 Resp: 104245

Ion Ratio Lower Upper

91 100

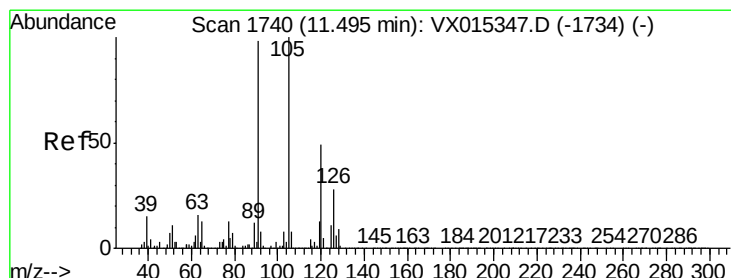
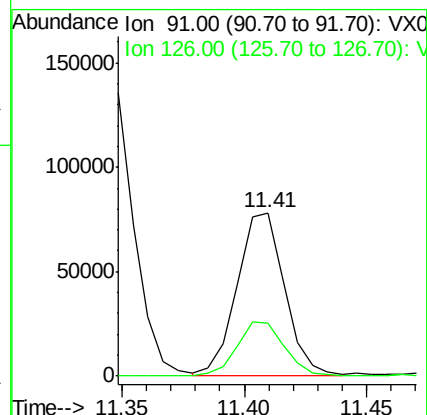
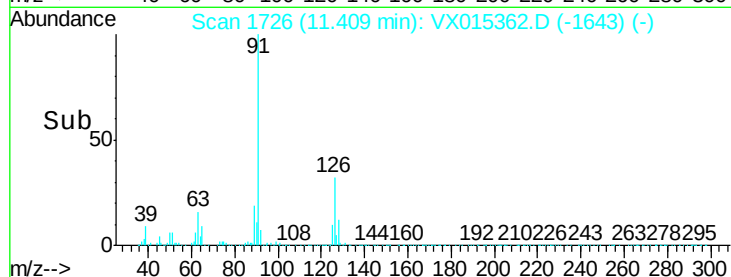
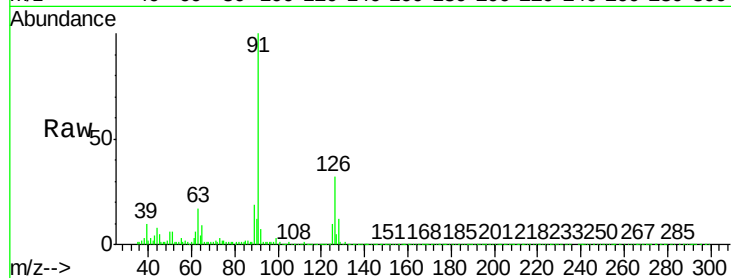
126 33.5 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 2.773 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015362.D

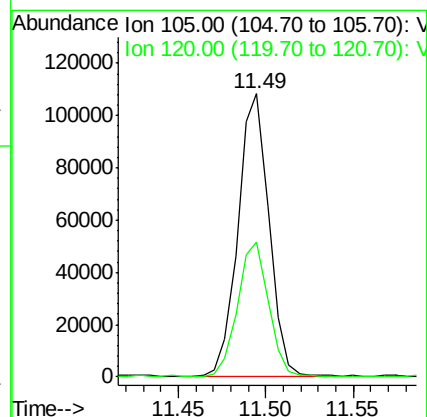
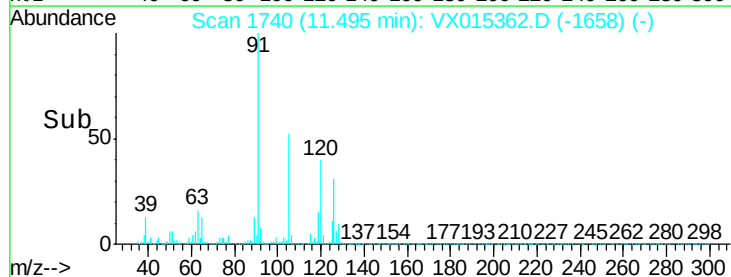
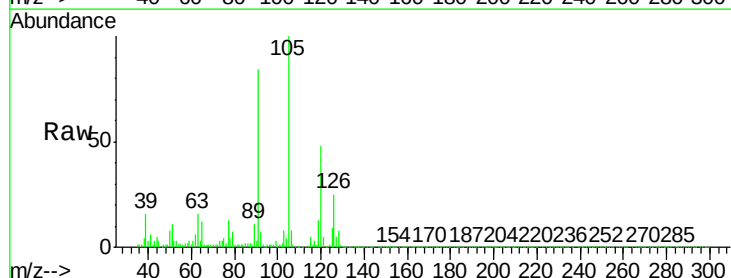
Acq: 26 Mar 2020 17:16

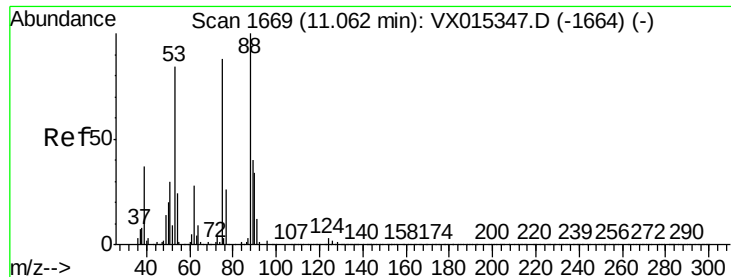
Tgt Ion: 105 Resp: 132932

Ion Ratio Lower Upper

105 100

120 47.3 0.0 98.0





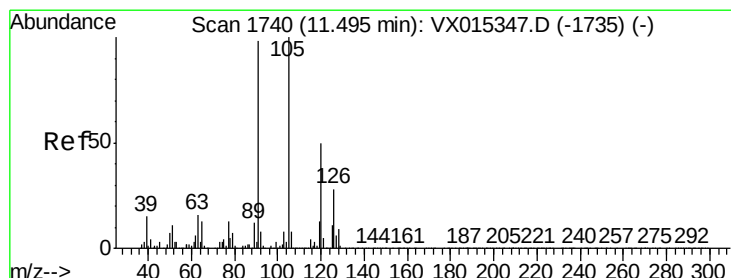
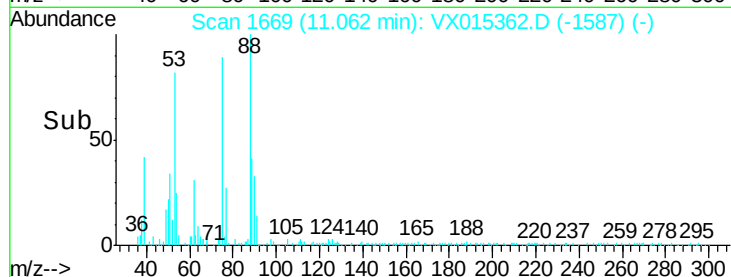
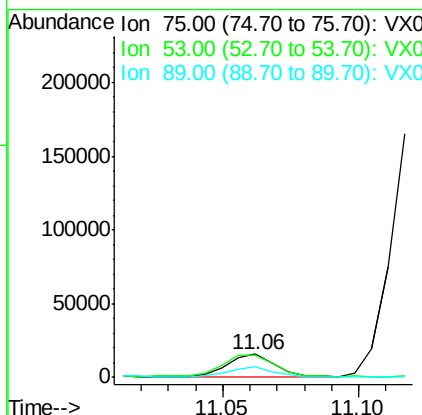
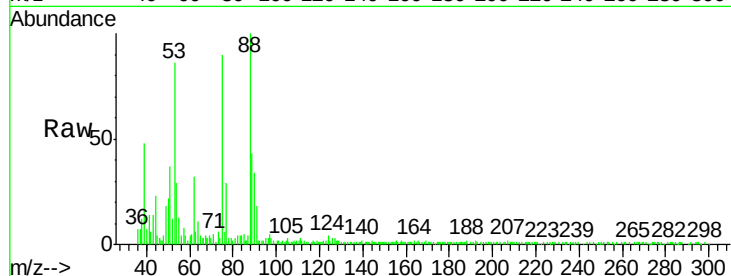
#77
t-1,4-Dichloro-2-butene
Concen: 2.522 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	47.5	142.6
89	47.4	22.8	68.3

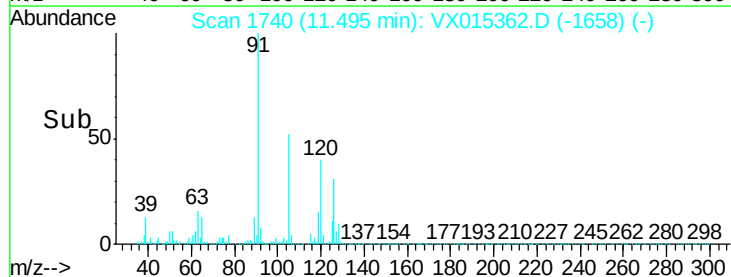
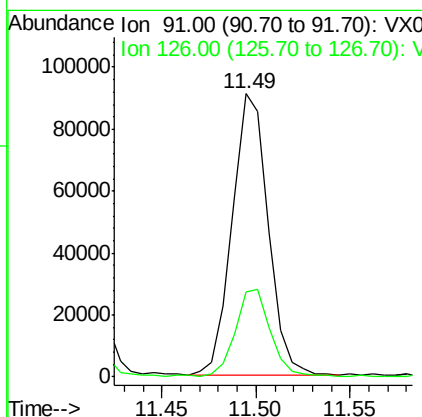
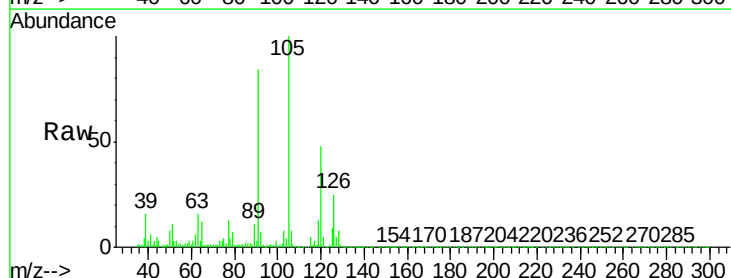
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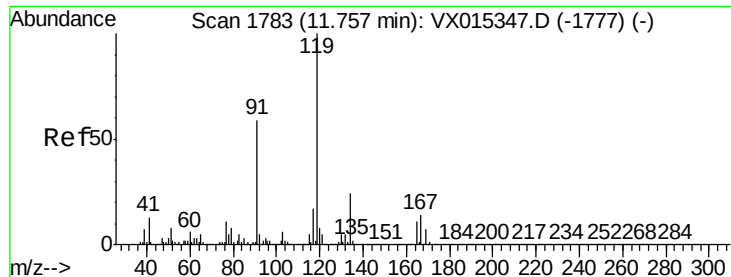
apatel
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#78
4-Chlorotoluene
Concen: 2.683 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	57.8





#79

tert-butylbenzene

Concen: 2.597 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

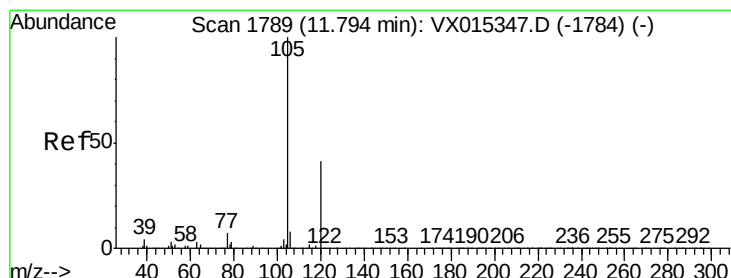
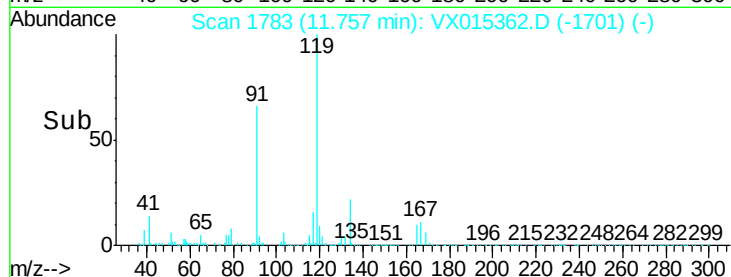
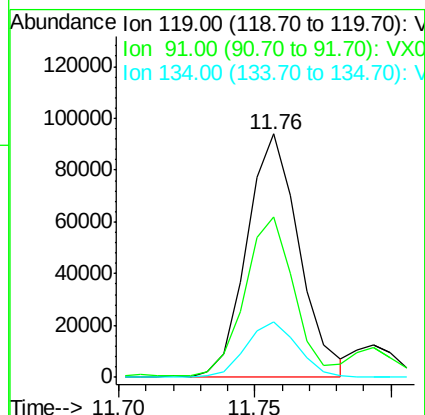
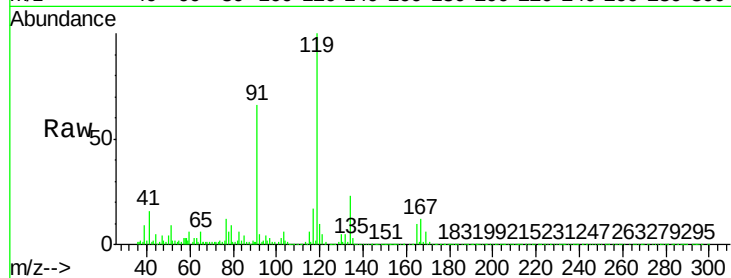
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	119	Resp:	124414
Ion Ratio	Lower	Upper	
119	100		
91	60.6	0.0	115.8
134	22.7	0.0	47.0

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#80

1,2,4-Trimethylbenzene

Concen: 2.637 ug/l

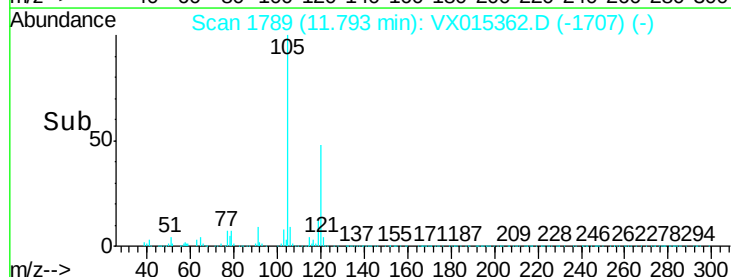
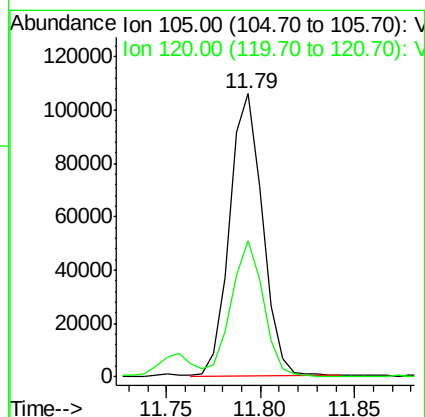
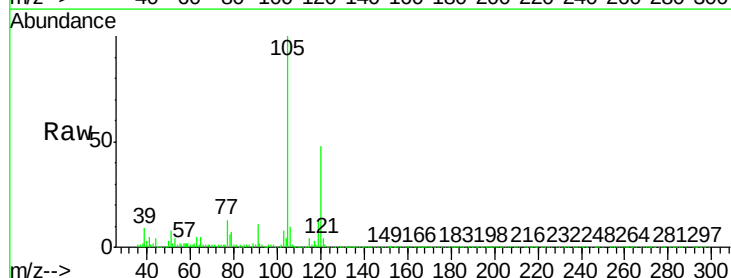
RT: 11.79 min Scan# 1789

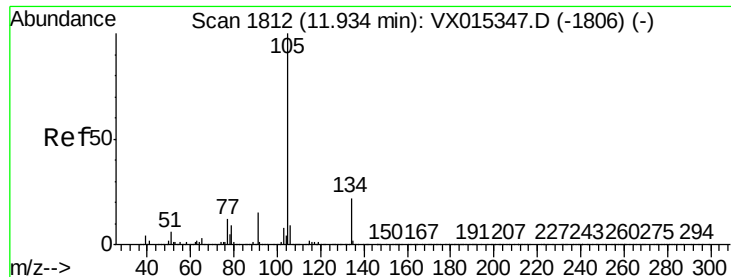
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	105	Resp:	128091
Ion Ratio	Lower	Upper	
105	100		
120	47.4	0.0	91.0





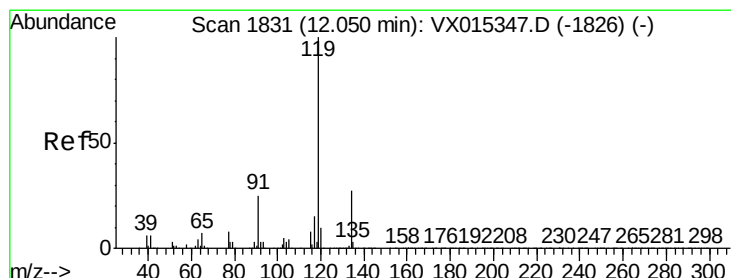
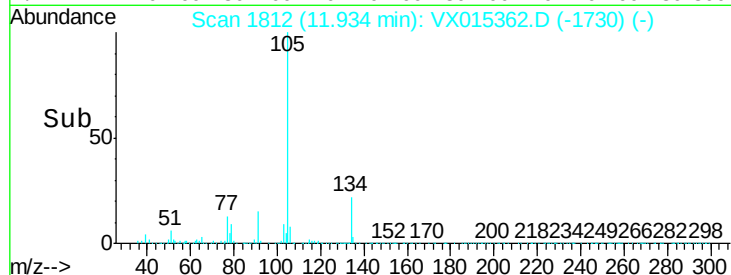
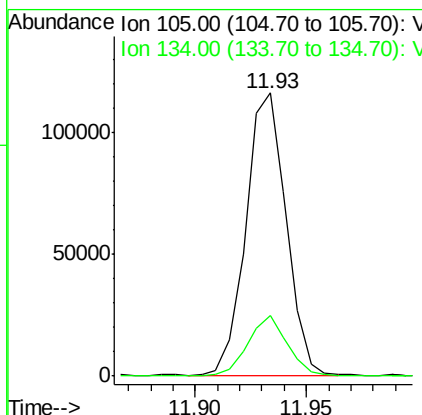
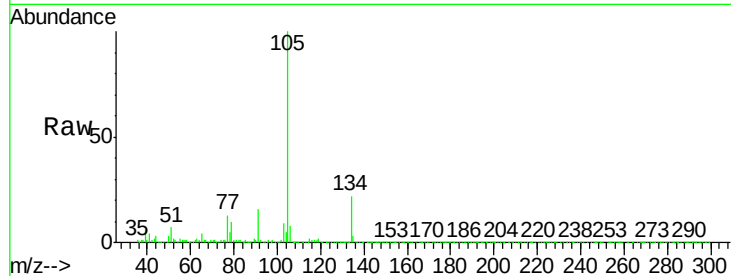
#81
 sec-Butylbenzene
 Concen: 2.656 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Resp	Lower	Upper
105	100	145965		
134	20.7	0.0	41.6	

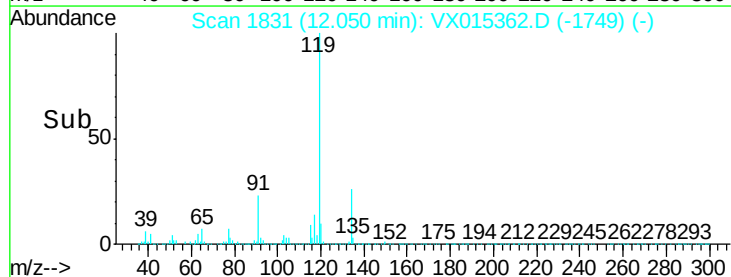
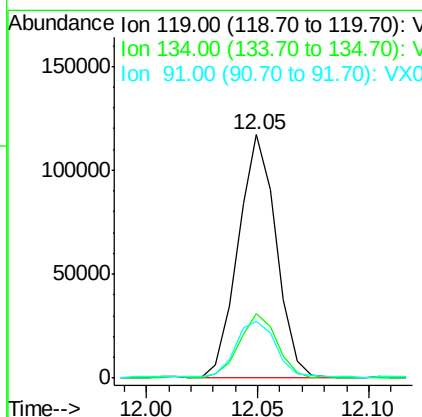
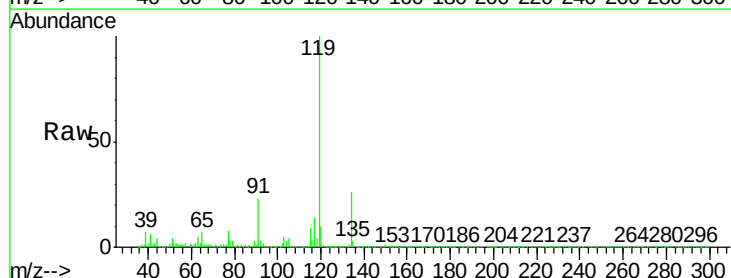
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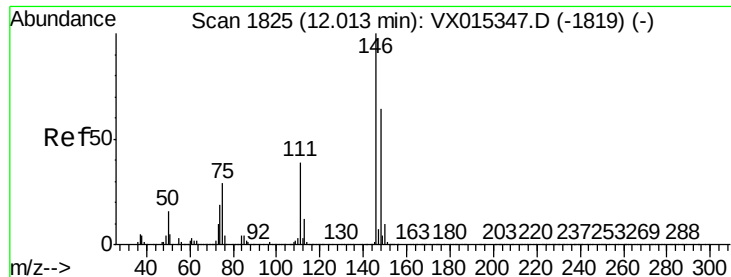
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#82
 p-Isopropyltoluene
 Concen: 2.670 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	138308		
134	26.2	0.0	53.2	
91	24.5	0.0	48.2	





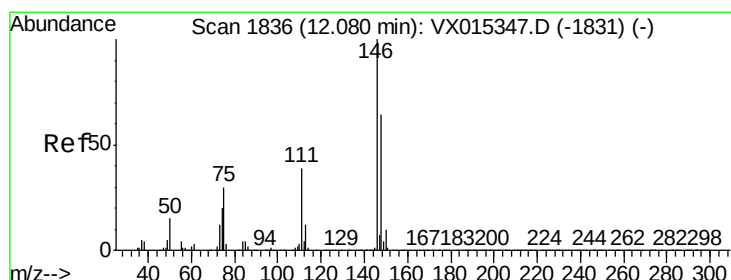
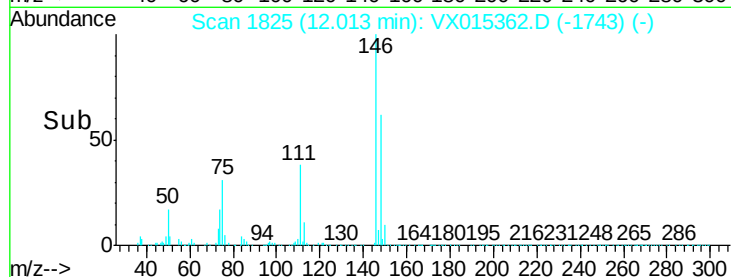
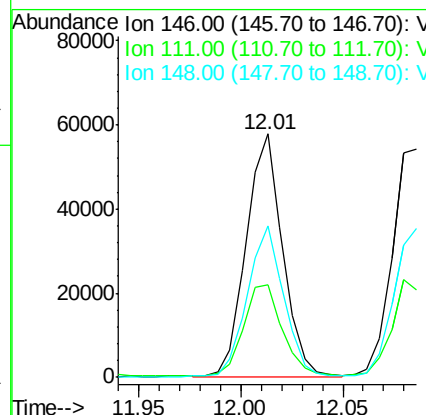
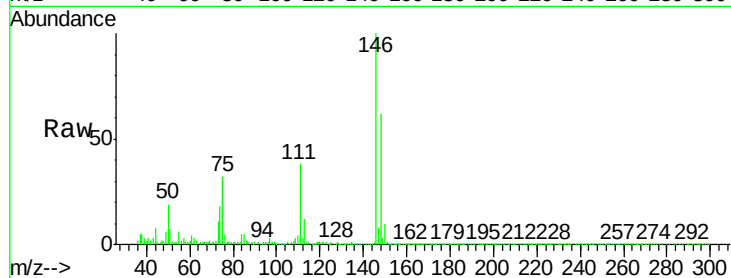
#83
1,3-Dichlorobenzene
Concen: 2.647 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	62.4	31.4	94.2

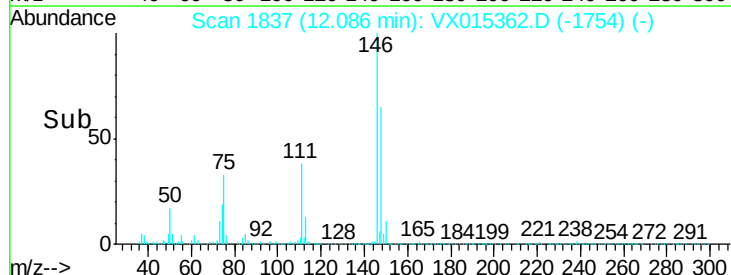
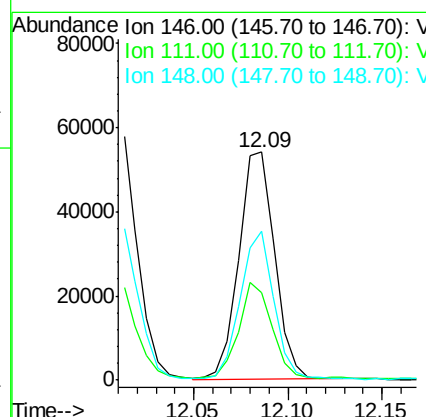
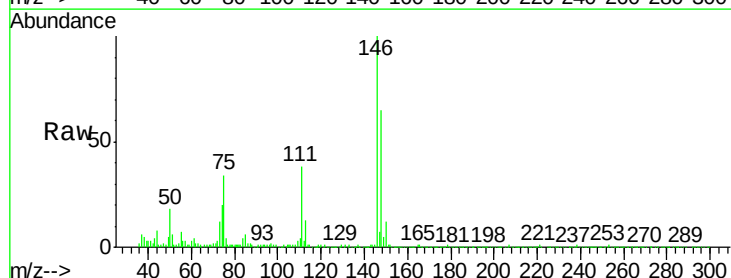
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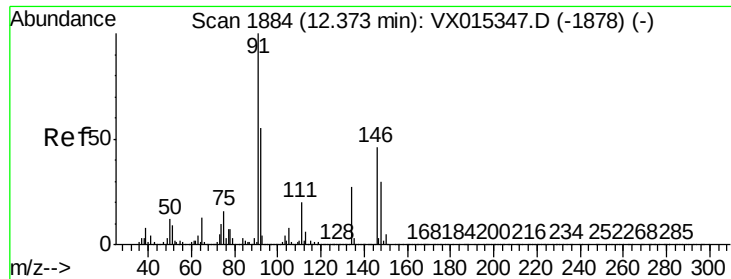
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#84
1,4-Dichlorobenzene
Concen: 2.652 ug/l
RT: 12.09 min Scan# 1837
Delta R.T. 0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.9	56.9
148	61.8	31.4	94.3





#85

n-Butylbenzene

Concen: 2.656 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Instrument :

MSVOA_X

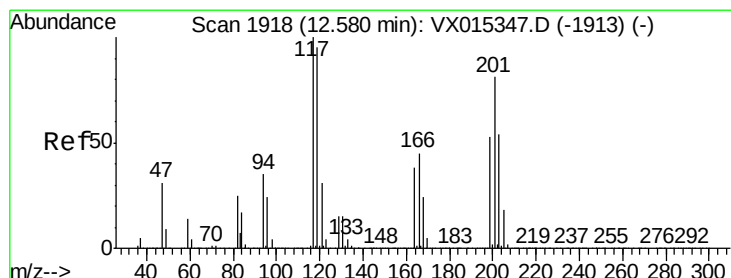
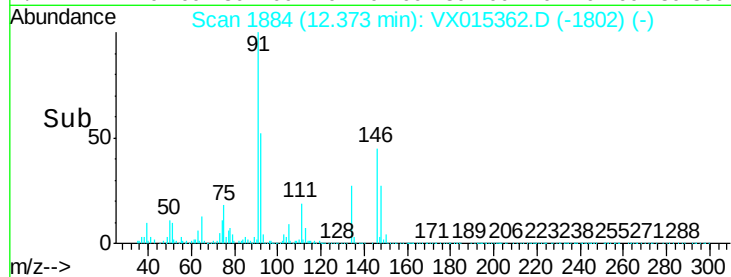
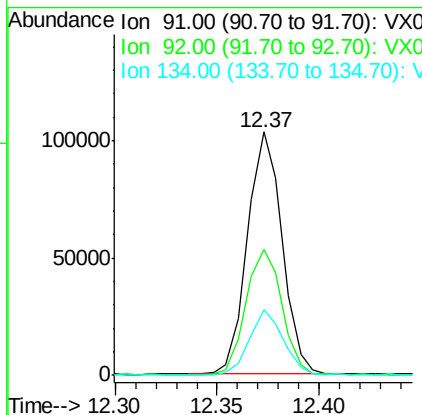
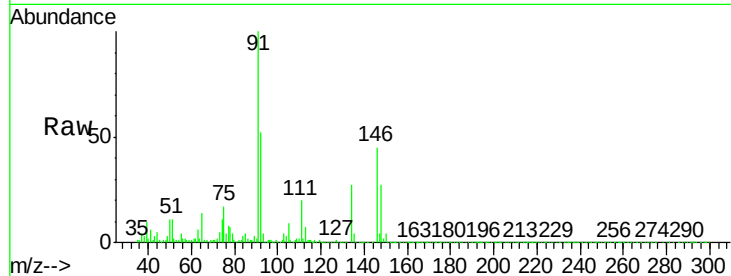
ClientSampleId :

MDL-WATER-03-QT1-2020DL

Tot Ion:	91	Resp:	122656
Ion Ratio	Lower	Upper	
91	100		
92	53.6	0.0	109.0
134	25.9	0.0	54.0

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#86

Hexachloroethane

Concen: 2.455 ug/l

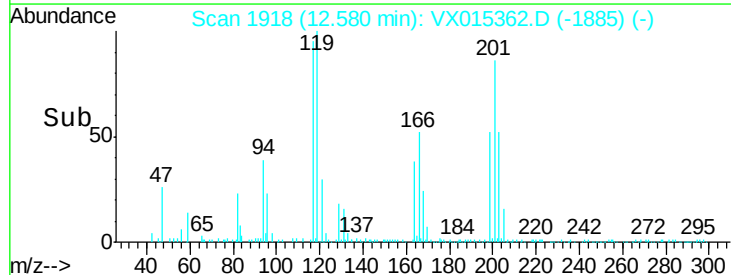
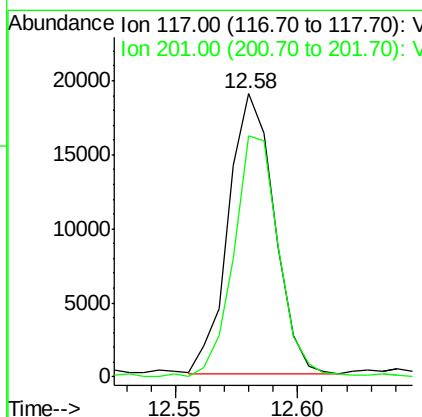
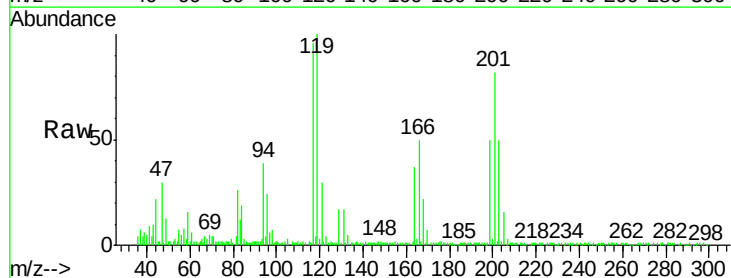
RT: 12.58 min Scan# 1918

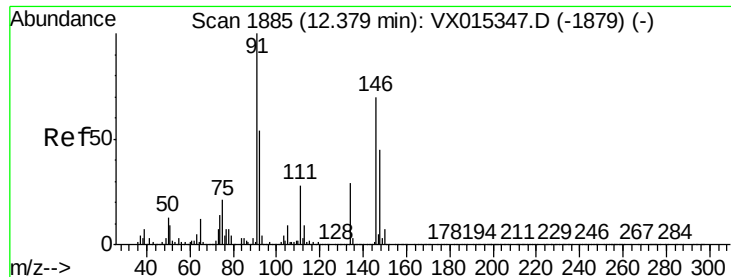
Delta R.T. -0.00 min

Lab File: VX015362.D

Acq: 26 Mar 2020 17:16

Tgt Ion:	117	Resp:	24577
Ion Ratio	Lower	Upper	
117	100		
201	84.3	44.9	134.5





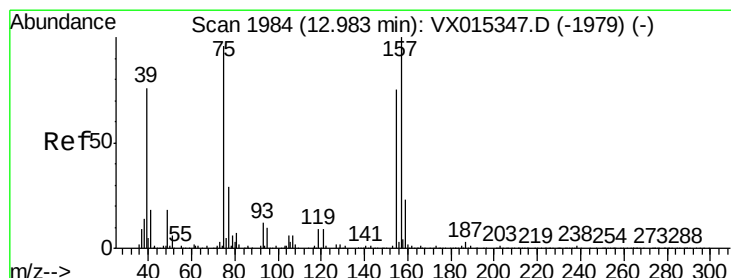
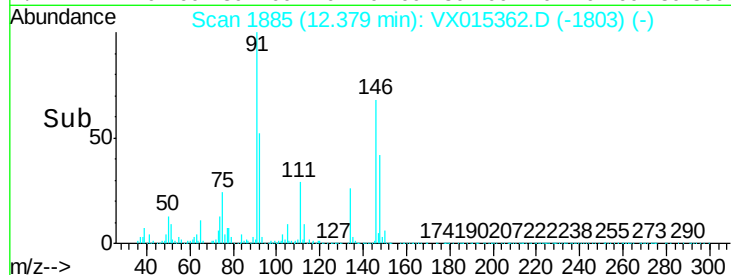
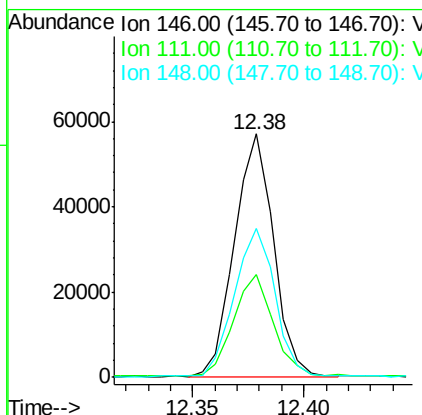
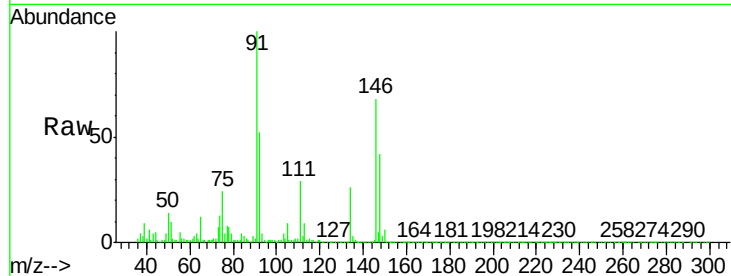
#87
 1,2-Dichlorobenzene
 Concen: 2.661 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	63.3	31.9	95.9

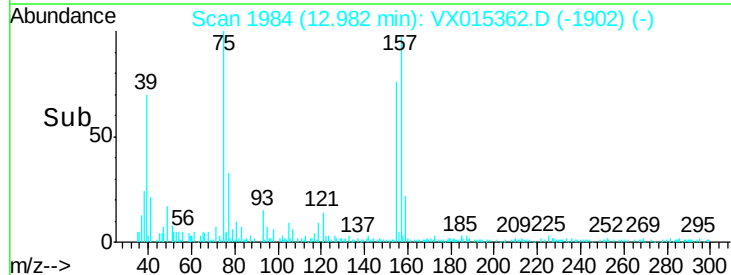
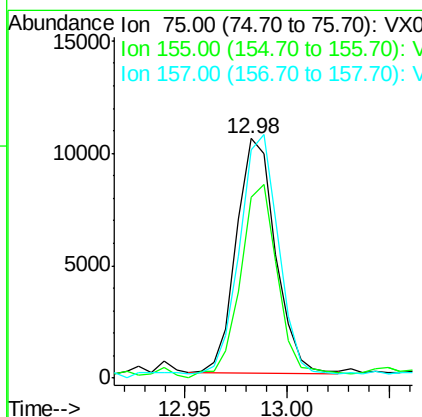
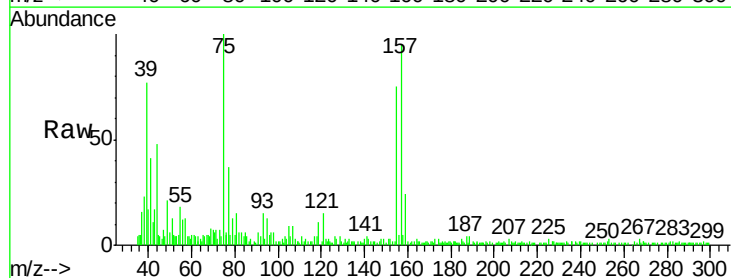
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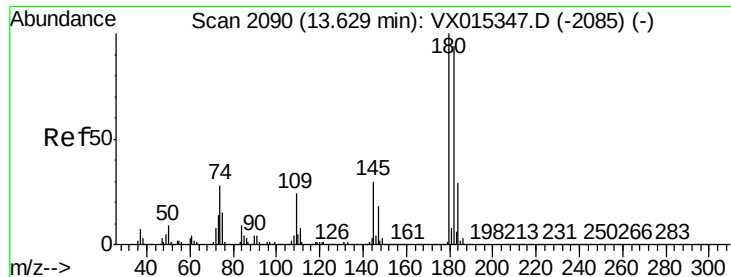
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.913 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	67.7	101.5
157	101.9	88.5	132.7





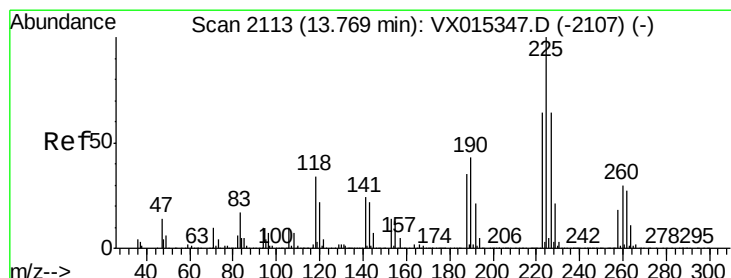
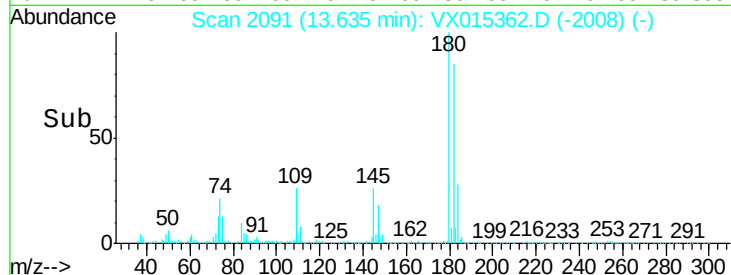
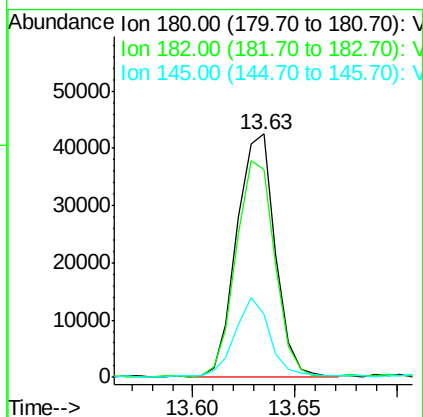
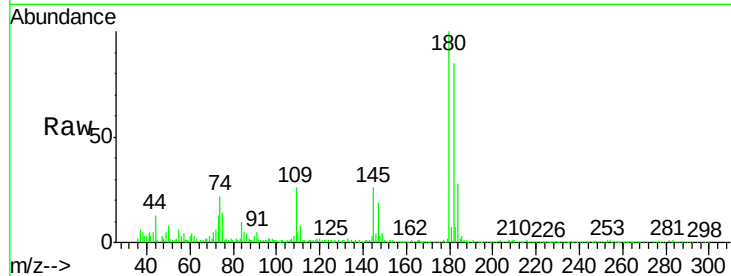
#89
 1,2,4-Trichlorobenzene
 Concen: 2.620 ug/l
 RT: 13.63 min Scan# 2091
 Delta R.T. 0.01 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2020DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.8	76.9	115.3
145	29.7	24.3	36.5

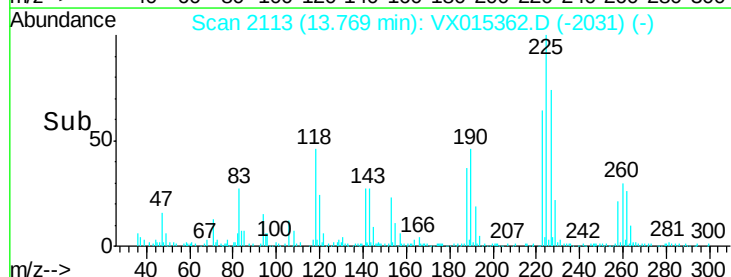
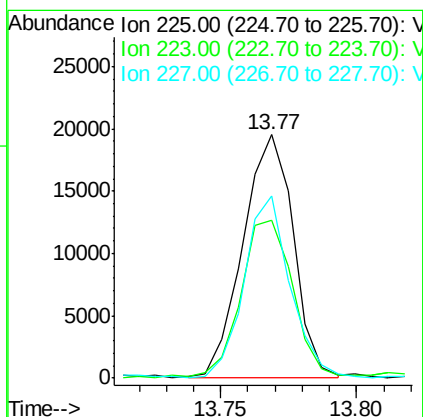
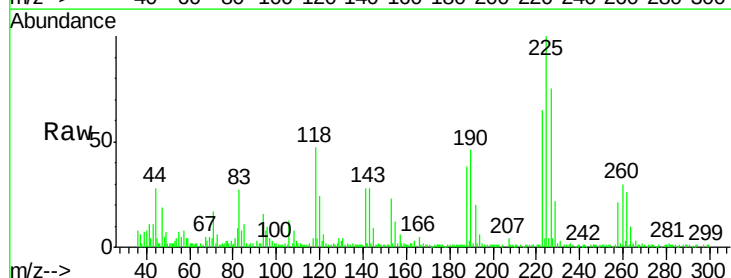
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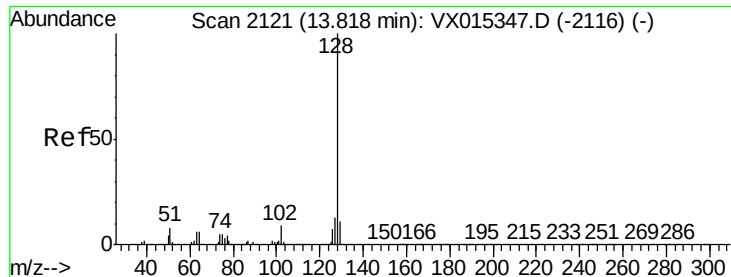
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#90
 Hexachlorobutadiene
 Concen: 2.229 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015362.D
 Acq: 26 Mar 2020 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	0.0	127.0
227	68.3	0.0	126.8





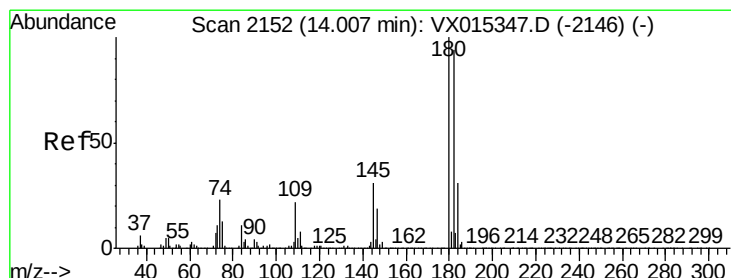
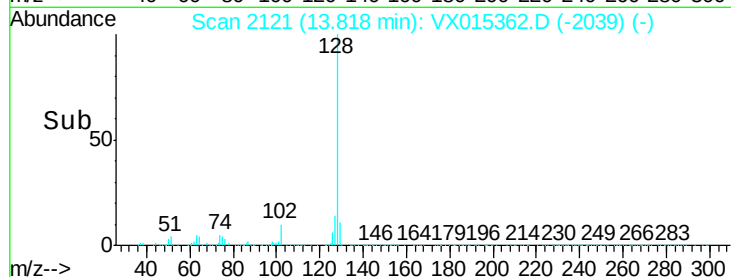
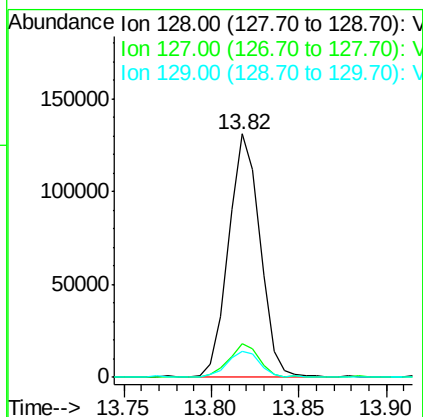
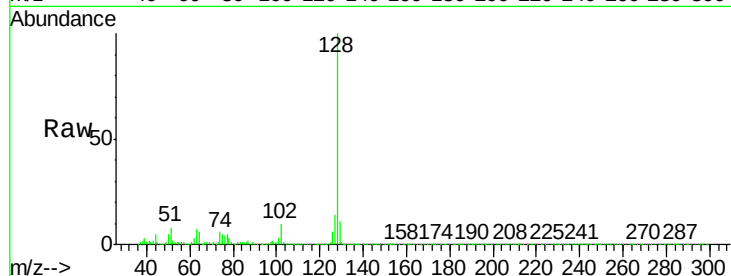
#91
Naphthalene
Concen: 2.662 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2020DL

Tot Ion:	128	Resp:	163242
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 2.393 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015362.D
Acq: 26 Mar 2020 17:16

Tgt Ion:	180	Resp:	50335
Ion Ratio	Lower	Upper	
180	100		
182	95.9	0.0	191.0
145	31.8	0.0	62.2

