

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019075.D
 Acq On : 23 Oct 2020 13:18
 Operator : JC/SP
 Sample : L4214-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

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 10/26/2020 2:27:46 PM

Quant Time: Oct 26 05:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	42250	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	235618	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	213868	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	87077	30.94	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.13%
60) 4-Bromofluorobenzene	11.12	95	96788	30.15	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.50%
63) Toluene-d8	8.70	98	285765	30.26	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	5397	2.542 ug/l	94
3) Chloromethane	1.31	50	5317	2.771 ug/l	97
4) Vinyl Chloride	1.39	62	6665	2.651 ug/l	99
5) Bromomethane	1.64	94	6661	3.825 ug/l	96
6) Chloroethane	1.72	64	4234	2.485 ug/l	94
7) Trichlorofluoromethane	1.92	101	10911	2.492 ug/l	97
8) Diethyl Ether	2.17	74	4095	2.495 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	5472	2.616 ug/l	97
10) 1,1-Dichloroethene	2.36	96	5360	2.520 ug/l	91
11) Methyl Iodide	2.50	142	3673	8.656 ug/l	92
12) Methyl Acetate	2.75	43	5184	2.462 ug/l	100
13) Acrolein	2.28	56	3906	20.148 ug/l	92
14) Acrylonitrile	3.11	53	12281	12.416 ug/l	98
15) Acetone	2.42	58	4036	14.244 ug/l	83
16) Carbon Disulfide	2.55	76	16093	2.722 ug/l	98
17) Allyl chloride	2.70	41	6331	2.383 ug/l	99
18) Methylene Chloride	2.84	84	6597	2.720 ug/l	94
19) trans-1,2-Dichloroethene	3.14	96	6576	2.647 ug/l	93
20) Diisopropyl ether	3.82	45	13212	2.455 ug/l #	88
21) 1,1-Dichloroethane	3.67	63	10161	2.572 ug/l	95
22) cis-1,2-Dichloroethene	4.56	96	7259	2.523 ug/l #	87
23) tert-Butyl Alcohol	3.01	59	6278	13.092 ug/l #	100
24) Methyl tert-Butyl Ether	3.16	73	16741	2.489 ug/l	94
25) Chloroform	5.18	83	10918	2.494 ug/l	96
26) Cyclohexane	5.54	56	8066	2.627 ug/l #	93
29) 1,1-Dichloropropene	5.77	75	8134	2.447 ug/l	99
30) 2-Butanone	4.64	43	16831	12.710 ug/l #	97
31) 2,2-Dichloropropane	4.54	77	9736	2.560 ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	9786	2.449 ug/l #	75
33) Carbon Tetrachloride	5.74	117	7999	2.307 ug/l	89
34) Benzene	6.11	78	24959	2.552 ug/l	98
35) Methacrylonitrile	5.01	41	3738	2.608 ug/l	96
36) 1,2-Dichloroethane	6.16	62	8690	2.590 ug/l #	94
37) Trichloroethene	7.19	130	6972	2.480 ug/l	94
38) Methylcyclohexane	7.44	83	9357	2.511 ug/l	96
39) 1,2-Dichloropropane	7.49	63	5770	2.542 ug/l	97
40) Dibromomethane	7.63	93	4478	2.542 ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.87	83	8042	2.309	ug/l #	97
42) Vinyl Acetate	3.78	43	61840	12.002	ug/l	100
43) Ethyl Acetate	4.80	43	6868m	2.472	ug/l	
44) Isopropyl Acetate	6.40	43	11464	2.464	ug/l #	89
45) 1,4-Dioxane	7.73	88	2484	50.803	ug/l #	83
46) Methyl methacrylate	7.75	41	5391	2.449	ug/l	92
47) n-amyl Acetate	10.88	43	9020	2.417	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	8695	2.230	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	9756	2.351	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	6402	2.509	ug/l	89
51) Ethyl methacrylate	9.16	69	8246	2.214	ug/l	97
52) 1,3-Dichloropropane	9.35	76	10160	2.444	ug/l	96
53) Dibromochloromethane	9.56	129	6393	2.250	ug/l	100
54) 1,2-Dibromoethane	9.65	107	6395	2.306	ug/l	96
55) 2-Chloroethyl vinyl ether	8.29	63	23271	11.694	ug/l	99
56) Bromoform	10.84	173	4286	2.158	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	32897	12.197	ug/l	99
59) 2-Hexanone	9.47	43	24981	12.430	ug/l	99
61) Tetrachloroethene	9.32	164	6331	2.495	ug/l	89
62) Toluene	8.76	91	28498	2.535	ug/l	98
64) Chlorobenzene	10.12	112	17457	2.498	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	6064	2.386	ug/l	98
66) Ethyl Benzene	10.23	91	30147	2.446	ug/l	98
67) m/p-Xylenes	10.34	106	23111	4.918	ug/l	99
68) o-Xylene	10.68	106	10961	2.445	ug/l	100
69) Styrene	10.70	104	16901	2.238	ug/l	99
70) Isopropylbenzene	11.00	105	28192	2.339	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	8179	2.351	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	7865m	2.514	ug/l	
73) Bromobenzene	11.24	156	7245	2.460	ug/l	97
74) n-propylbenzene	11.34	91	33296	2.440	ug/l	98
75) 2-Chlorotoluene	11.40	91	18839	2.441	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	23430	2.396	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	2765	2.225	ug/l	95
78) 4-Chlorotoluene	11.49	91	21865	2.410	ug/l	98
79) tert-butylbenzene	11.76	119	22577	2.344	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	23348	2.402	ug/l	97
81) sec-Butylbenzene	11.93	105	26482	2.324	ug/l	97
82) p-Isopropyltoluene	12.05	119	24636	2.346	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	12789	2.429	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	13045	2.441	ug/l	99
85) n-Butylbenzene	12.37	91	21704	2.308	ug/l	99
86) Hexachloroethane	12.58	117	3409	2.113	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	12052	2.391	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	1815	2.305	ug/l	87
89) 1,2,4-Trichlorobenzene	13.63	180	7933	2.187	ug/l	99
90) Hexachlorobutadiene	13.76	225	3842	2.498	ug/l	96
91) Naphthalene	13.82	128	24364	2.052	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	7304	2.094	ug/l	97

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ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

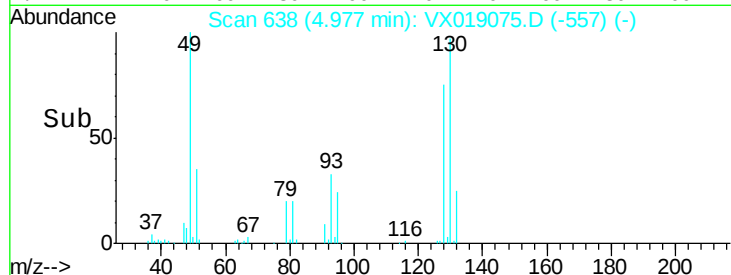
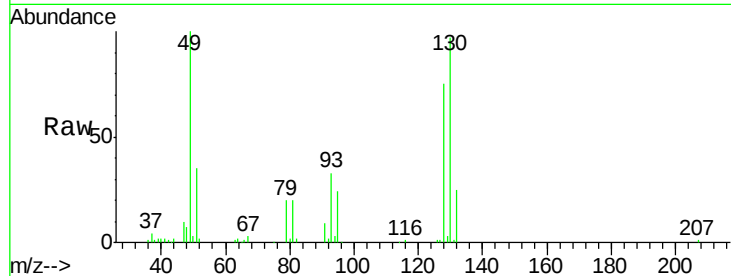
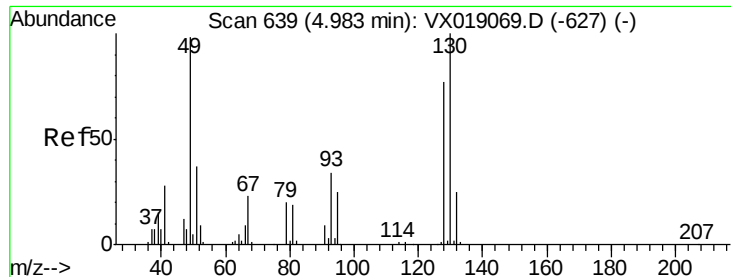
Manual Integrations
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Response via : Initial Calibration

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



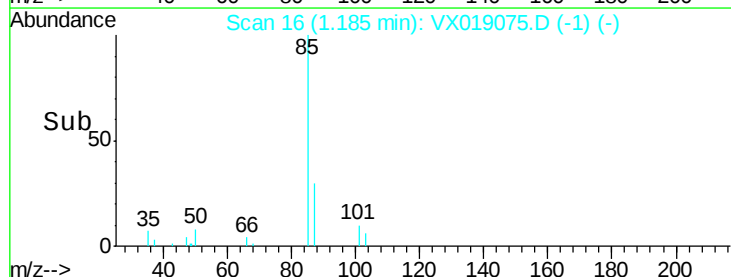
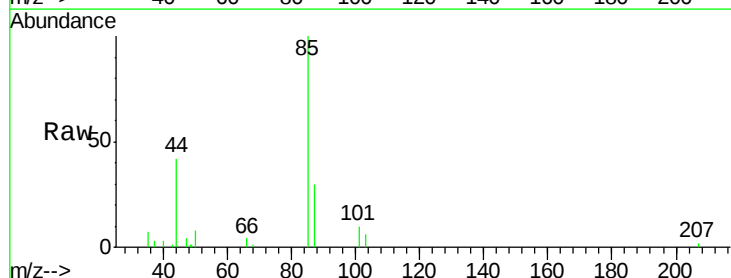
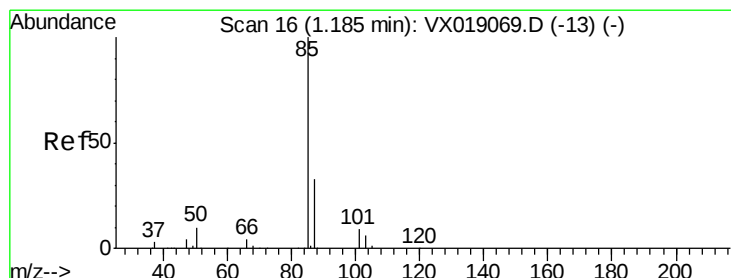
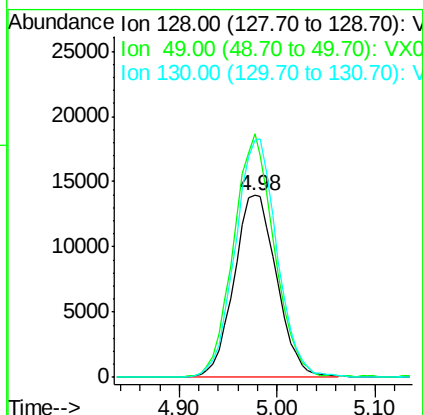
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tot Ion	Ratio	Lower	Upper
128	100		
49	128.0	0.0	318.8
130	128.6	0.0	321.8

Instrument :
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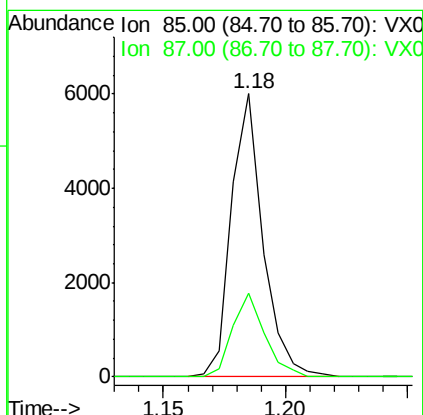
Manual Integrations
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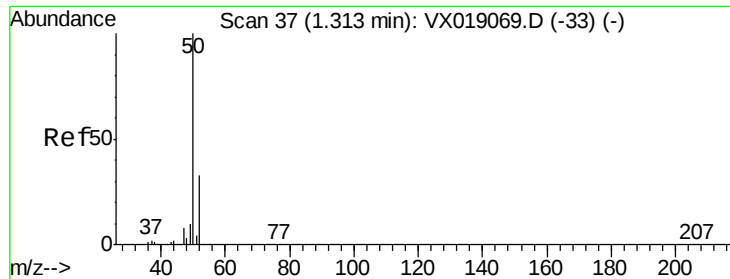
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#2
Dichlorodifluoromethane
Concen: 2.542 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.8	16.6	49.7





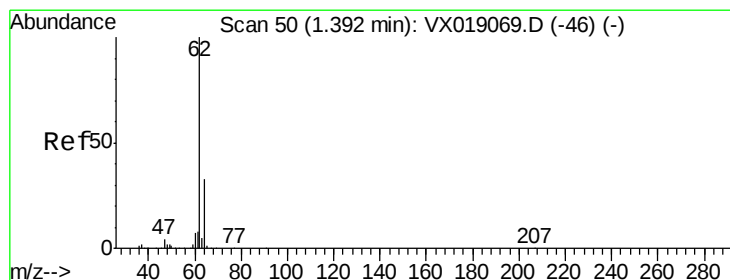
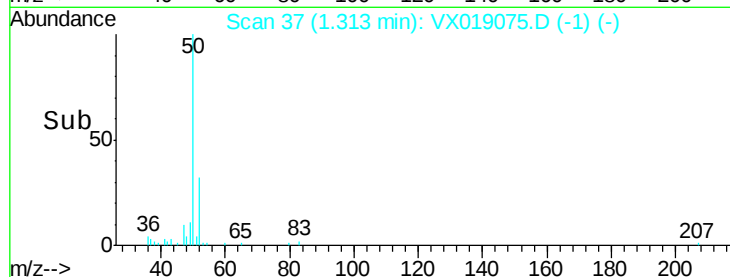
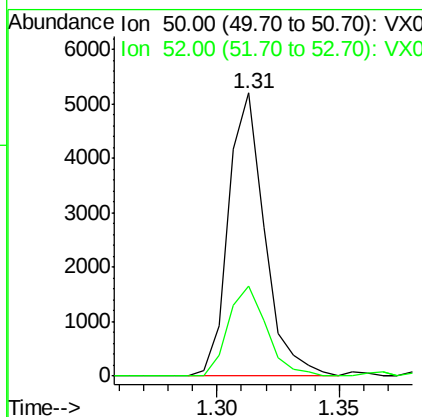
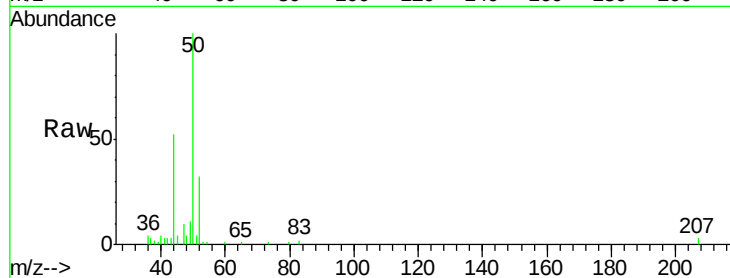
#3
Chloromethane
Concen: 2.771 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 50 Resp: 5317
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1

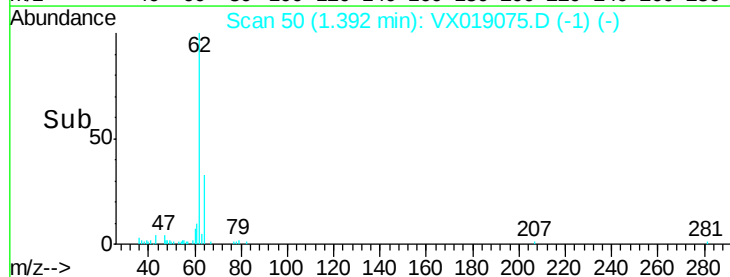
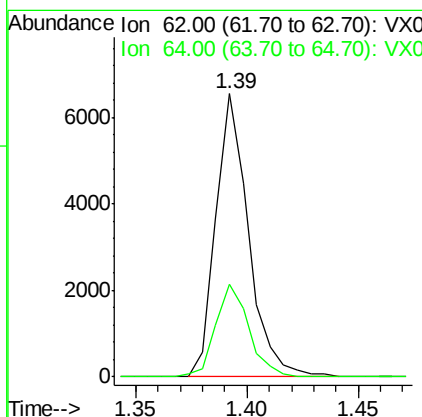
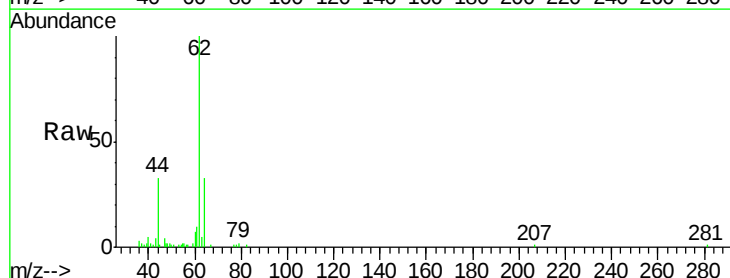
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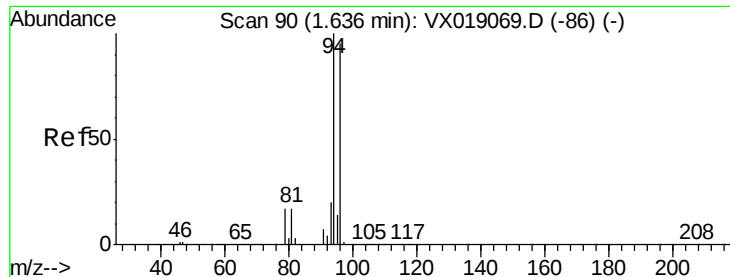
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#4
Vinyl Chloride
Concen: 2.651 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion: 62 Resp: 6665
Ion Ratio Lower Upper
62 100
64 32.8 26.7 40.1





#5

Bromomethane

Concen: 3.825 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 94 Resp: 6661

Ion Ratio Lower Upper

94 100

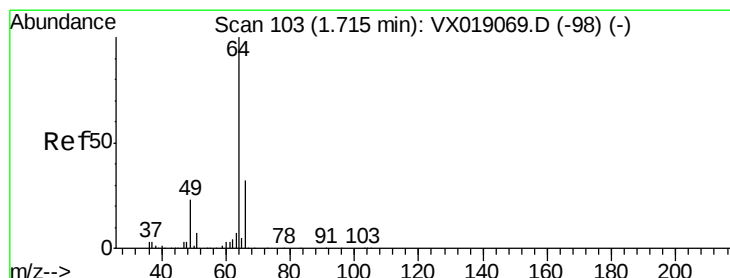
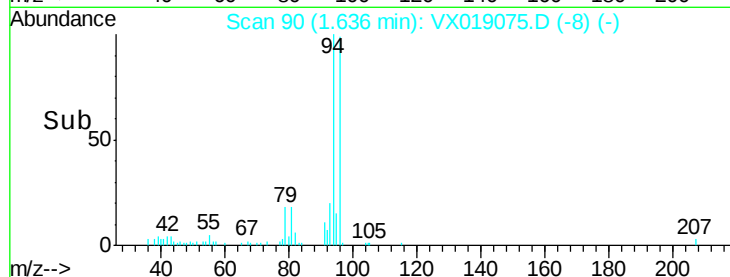
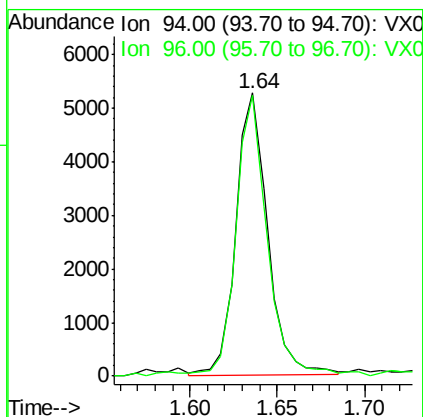
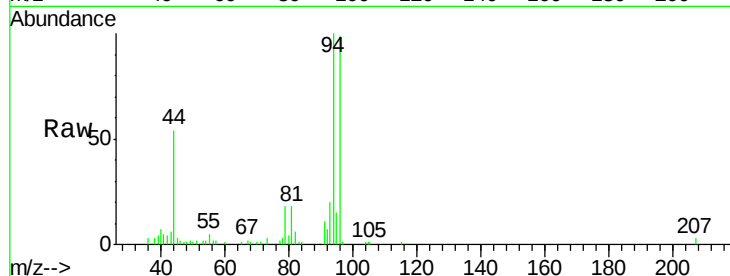
96 98.7 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 2.485 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019075.D

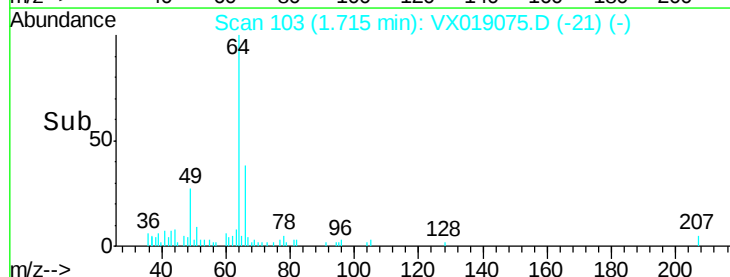
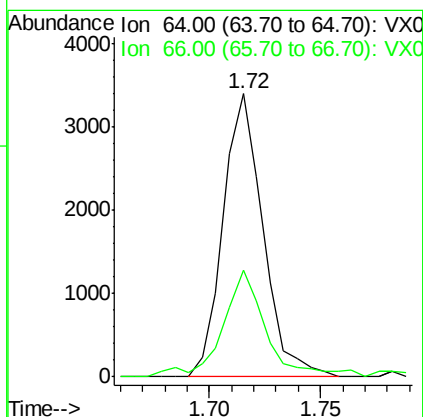
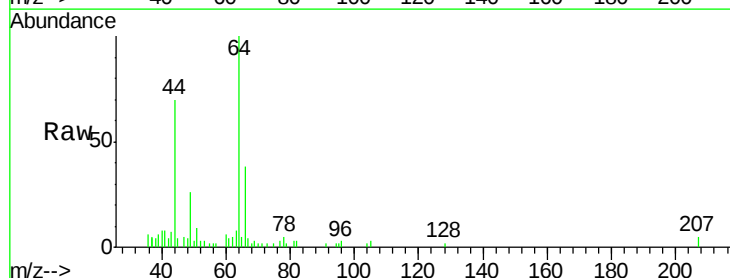
Acq: 23 Oct 2020 13:18

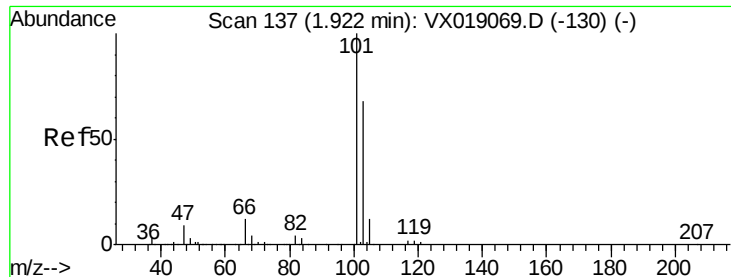
Tgt Ion: 64 Resp: 4234

Ion Ratio Lower Upper

64 100

66 36.0 25.9 38.9





#7

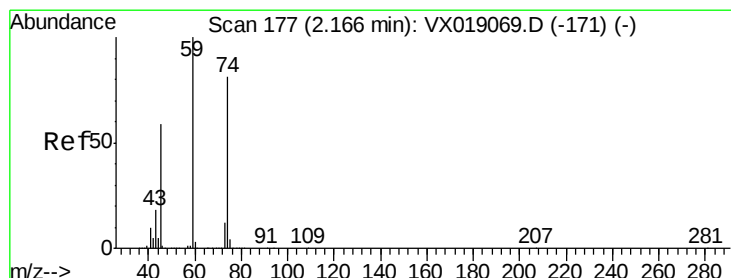
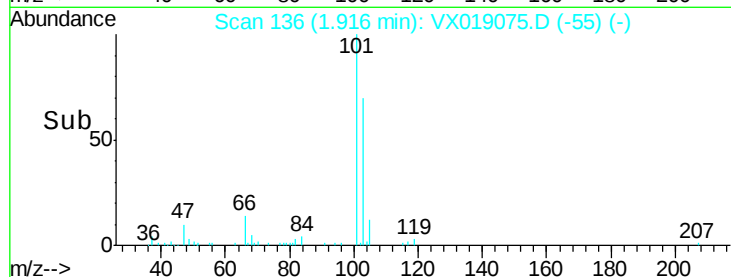
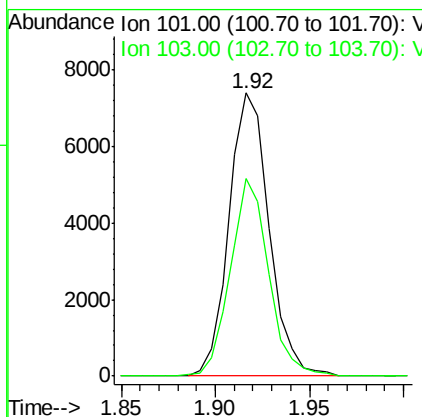
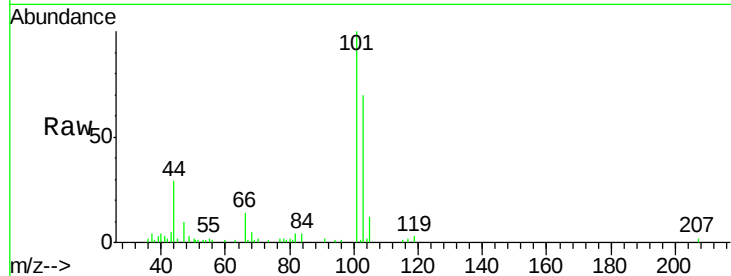
Trichlorofluoromethane
Concen: 2.492 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	10911		
103	70.0	54.2	81.4	

Manual Integrations
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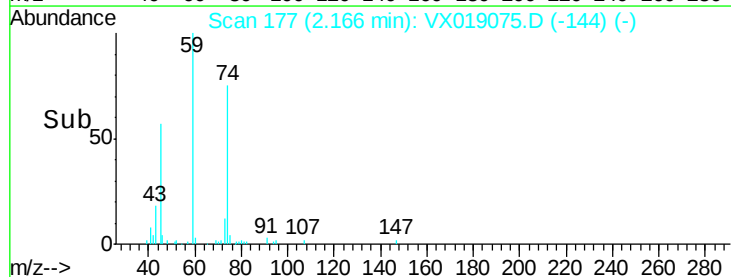
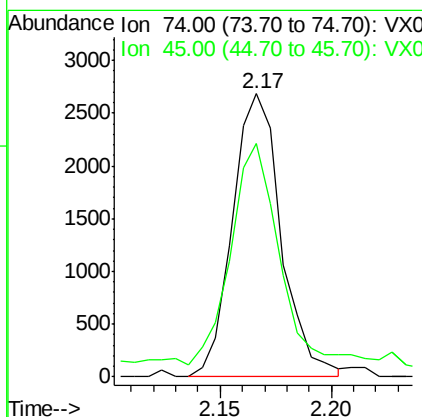
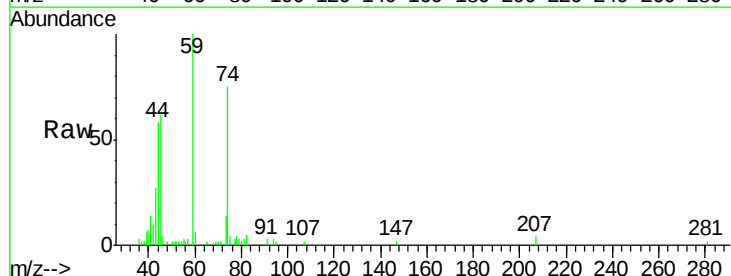
MMDadoda
10/26/2020 2:27:46 PM

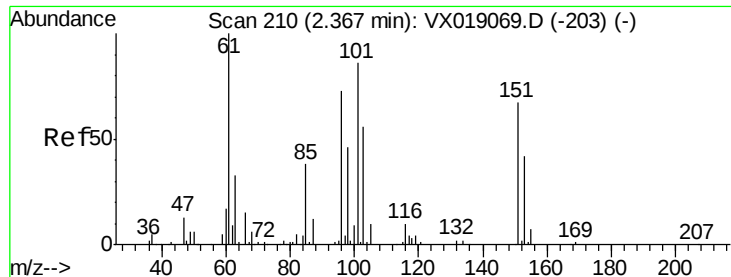


#8

Diethyl Ether
Concen: 2.495 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	4095		
45	80.2	14.5	130.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.616 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

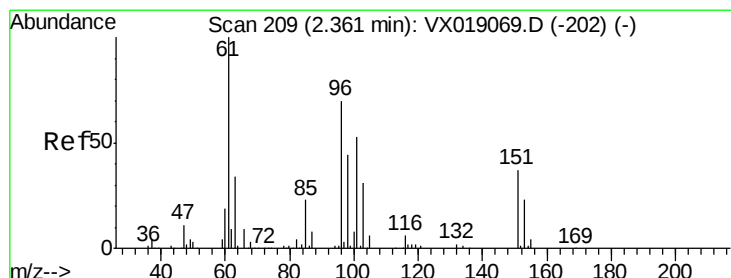
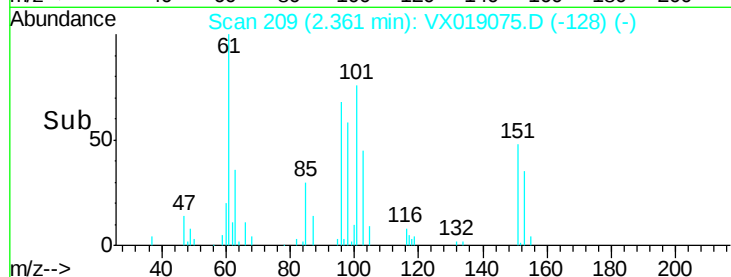
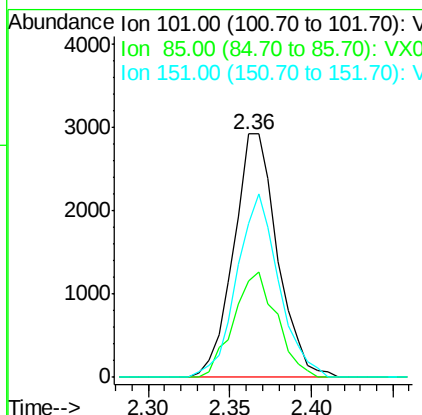
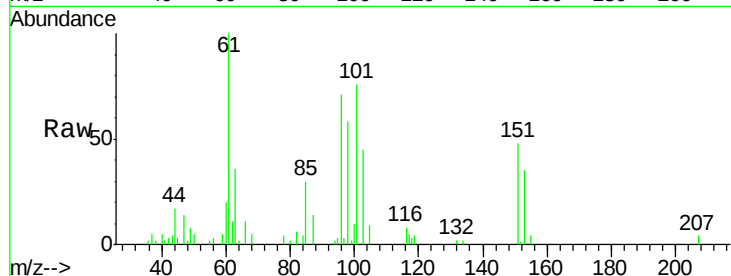
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	101	Resp:	5472
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	87.0
151	72.2	0.0	151.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 2.520 ug/l

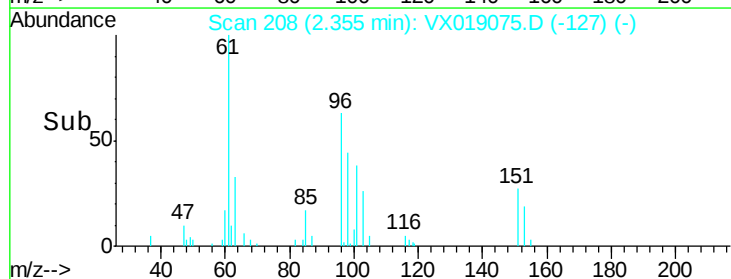
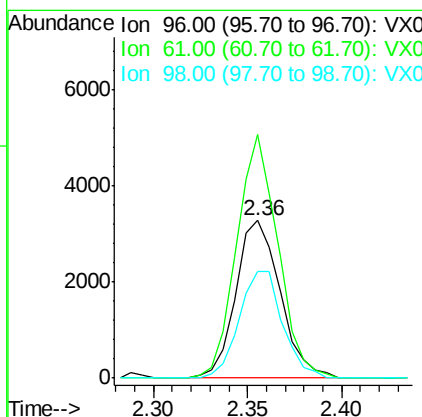
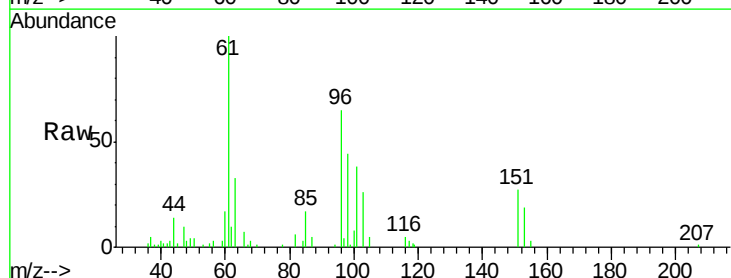
RT: 2.36 min Scan# 208

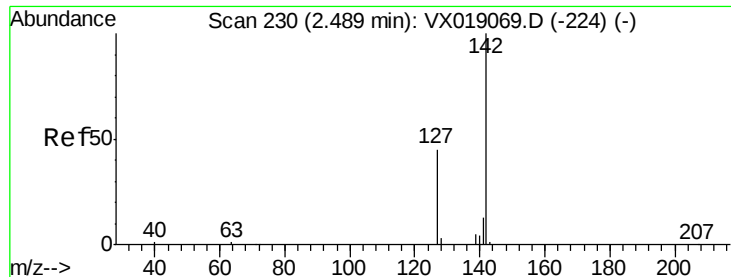
Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tgt Ion:	96	Resp:	5360
Ion Ratio	Lower	Upper	
96	100		
61	154.6	113.8	170.8
98	67.9	50.4	75.6





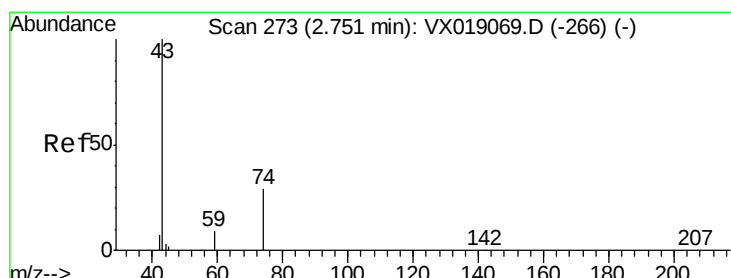
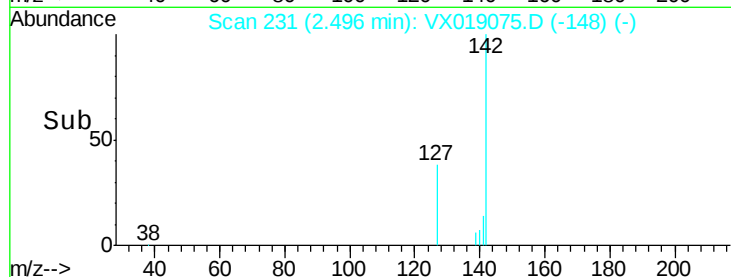
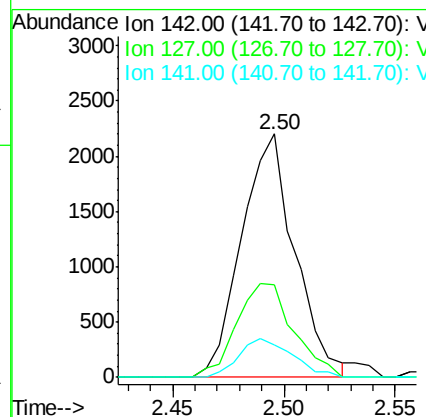
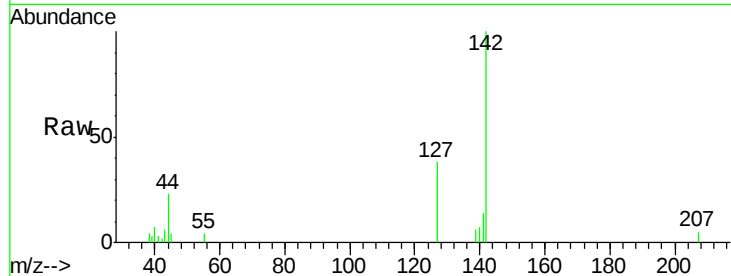
#11
Methvl Iodide
Concen: 8.656 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.0	22.6	67.7
141	14.0	6.3	19.1

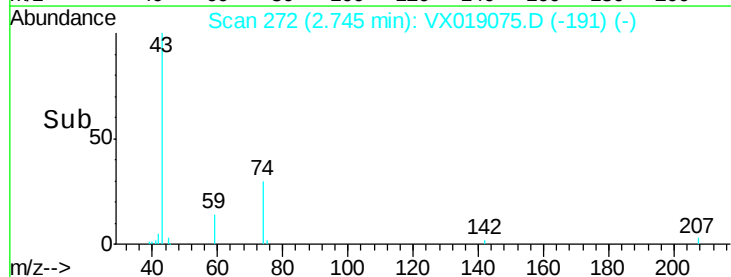
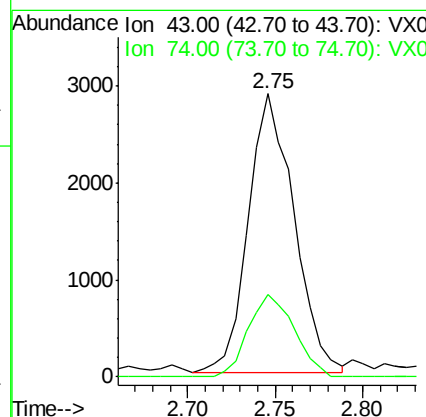
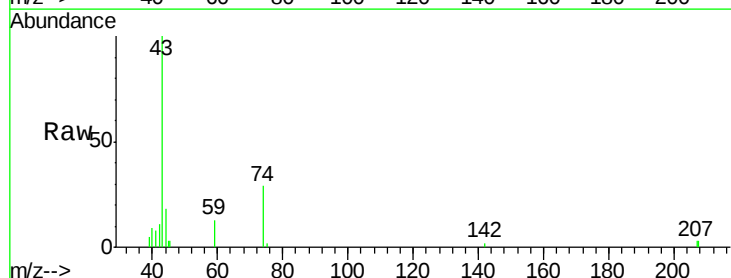
Manual Integrations
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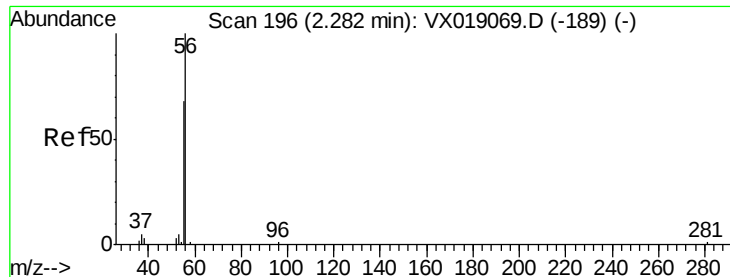
MMDadoda
10/26/2020 2:27:46 PM



#12
Methyl Acetate
Concen: 2.462 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.1	23.9	35.9





#13

Acrolein

Concen: 20.148 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 56 Resp: 3906

Ion Ratio Lower Upper

56 100

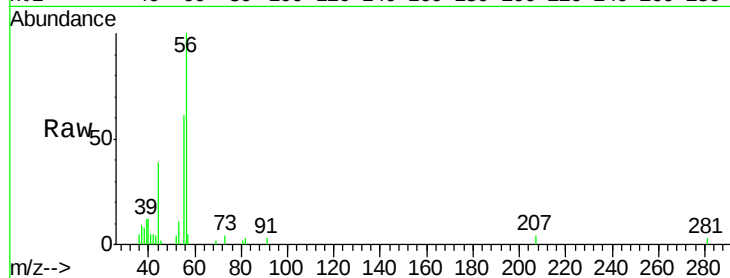
55 65.8 58.2 87.2

Manual Integrations

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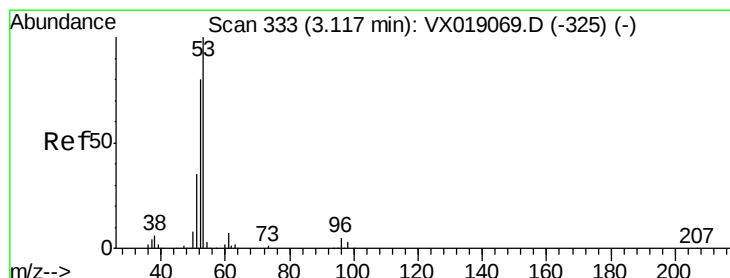
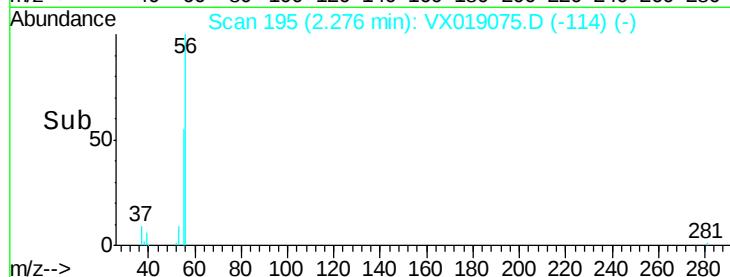
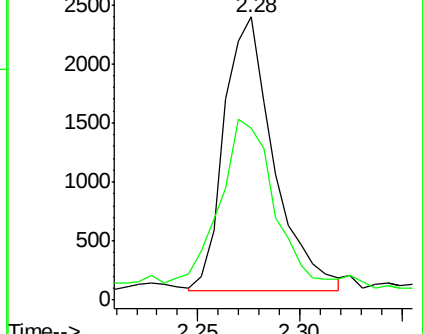
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 12.416 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

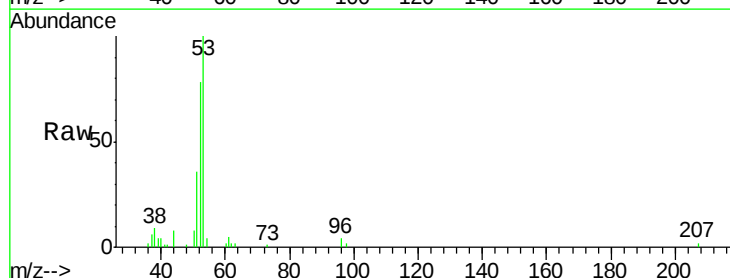
Tgt Ion: 53 Resp: 12281

Ion Ratio Lower Upper

53 100

52 83.1 41.0 123.0

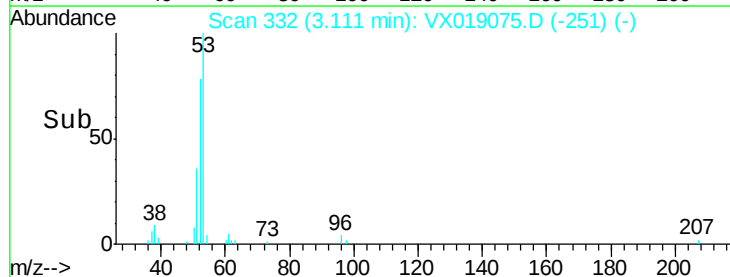
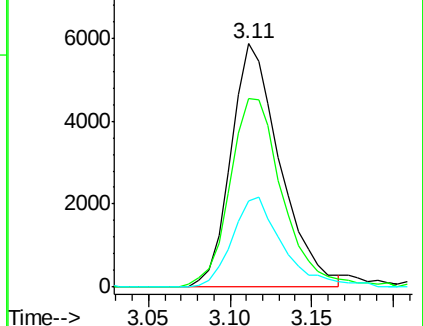
51 38.0 18.2 54.6

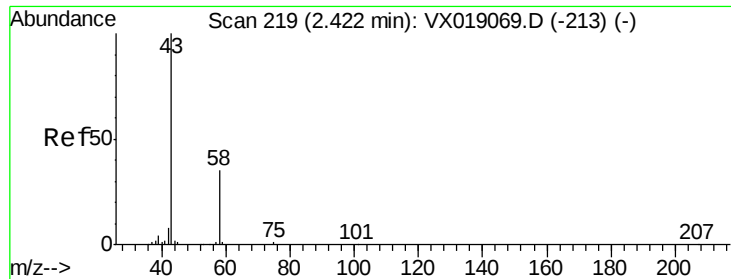


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 14.244 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 58 Resp: 4036

Ion Ratio Lower Upper

58 100

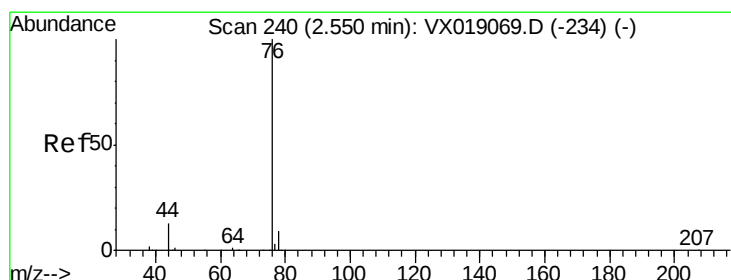
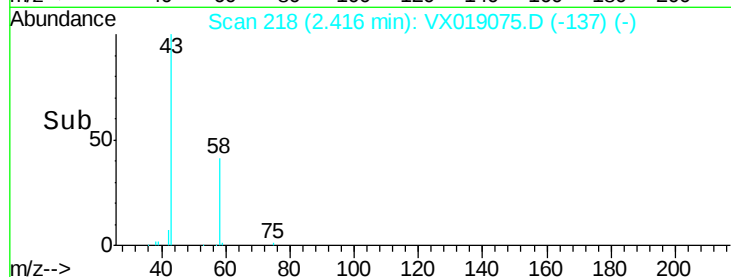
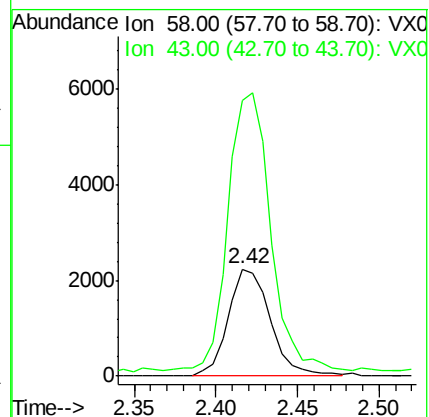
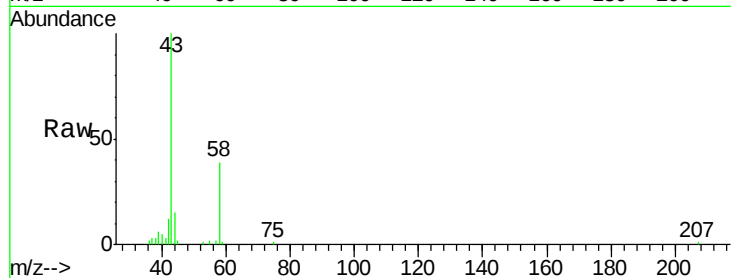
43 250.8 226.7 340.1

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#16

Carbon Disulfide

Concen: 2.722 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019075.D

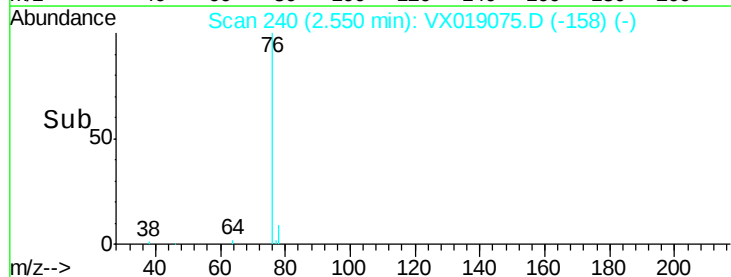
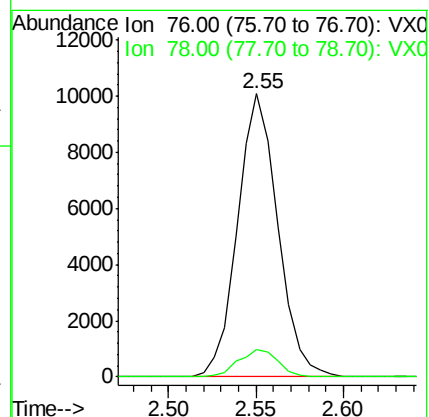
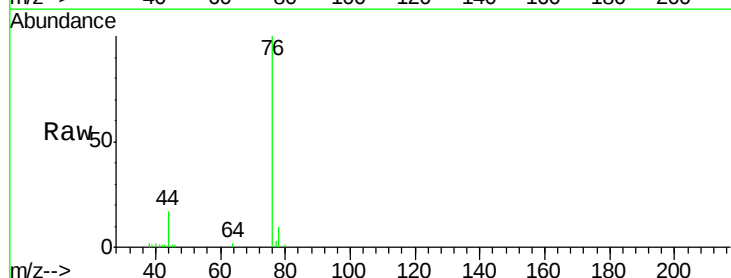
Acq: 23 Oct 2020 13:18

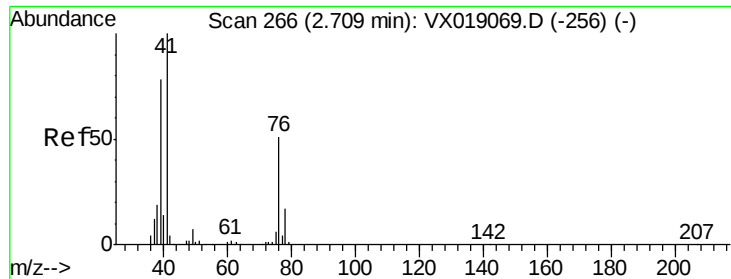
Tgt Ion: 76 Resp: 16093

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8





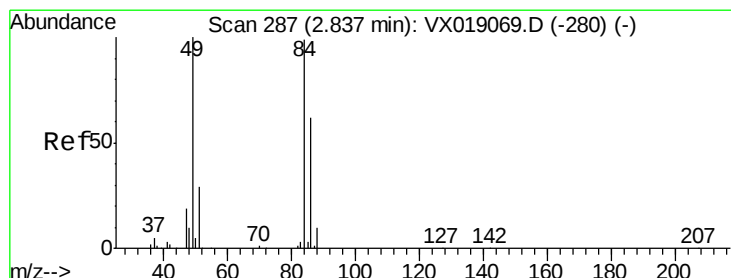
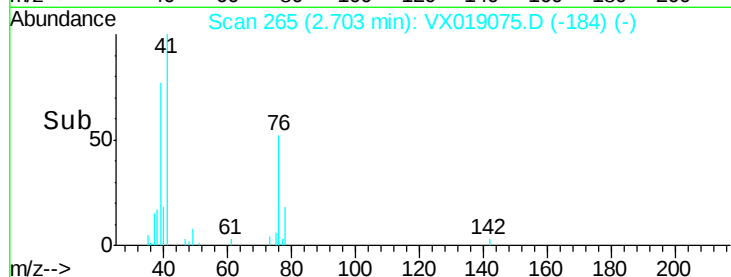
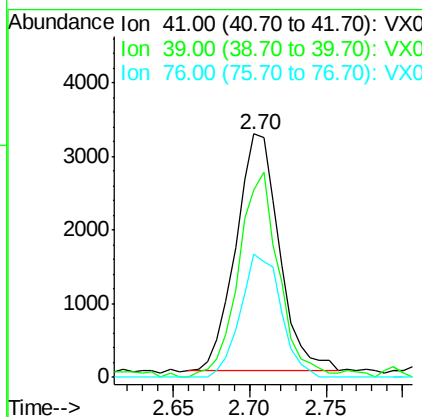
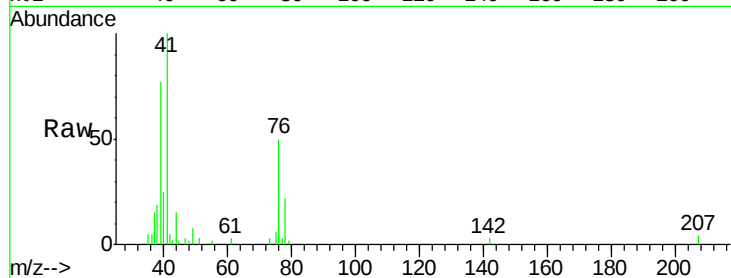
#17
Allvl chloride
Concen: 2.383 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:	41	Resp:	6331
Ion	Ratio	Lower	Upper
41	100		
39	79.2	38.8	116.3
76	51.8	25.8	77.4

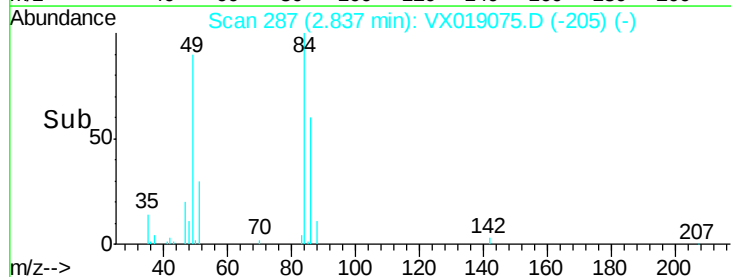
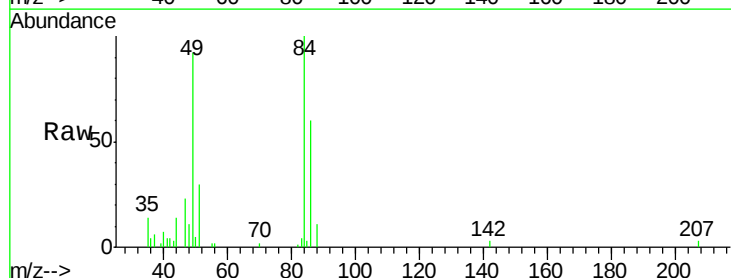
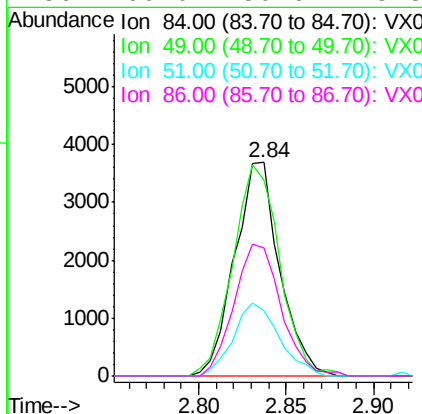
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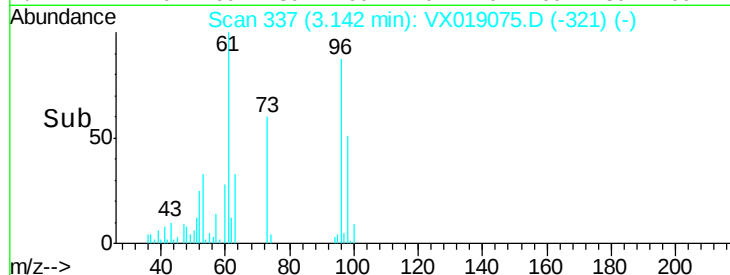
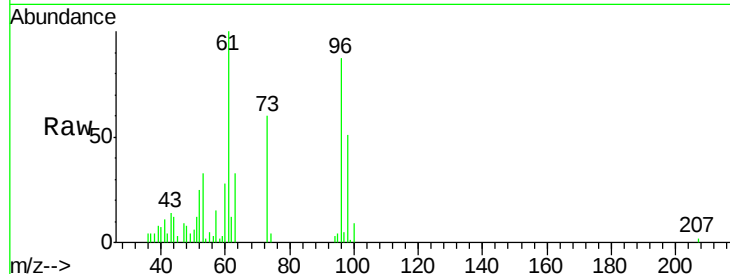
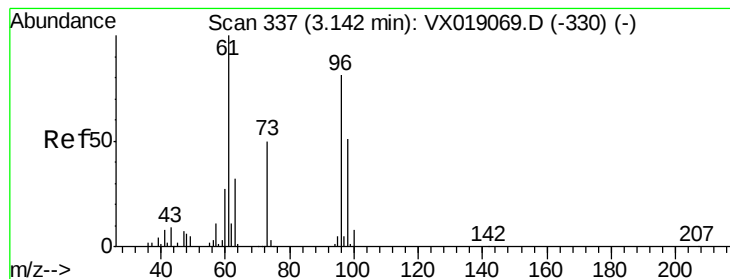
MMDadoda
10/26/2020 2:27:46 PM



#18
Methylene Chloride
Concen: 2.720 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion:	84	Resp:	6597
Ion	Ratio	Lower	Upper
84	100		
49	91.6	80.9	121.3
51	30.3	23.8	35.6
86	60.0	50.6	75.8





#19

trans-1,2-Dichloroethene

Concen: 2.647 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tot Ion:	96	Resp:	6576
Ion	Ratio	Lower	Upper
96	100		
61	114.4	98.4	147.6
98	58.2	49.9	74.9

Instrument :

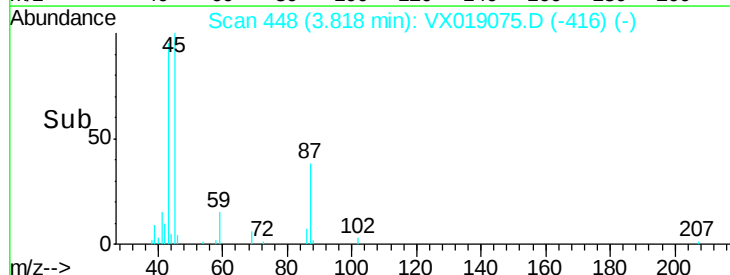
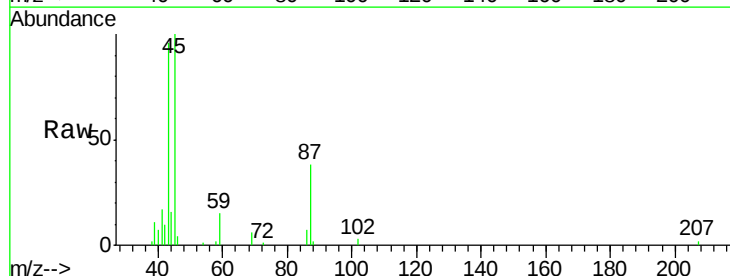
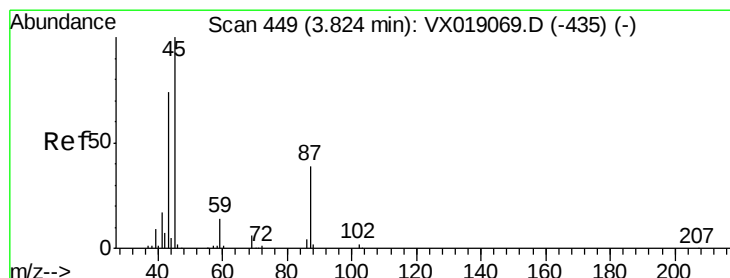
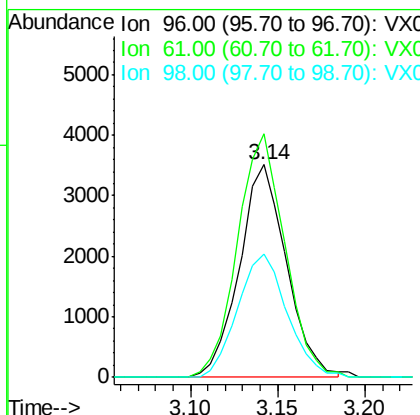
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

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#20

Diisopropyl ether

Concen: 2.455 ug/l

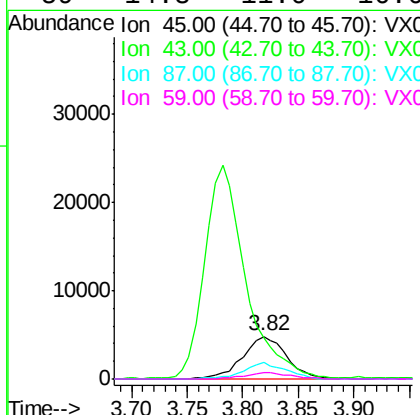
RT: 3.82 min Scan# 448

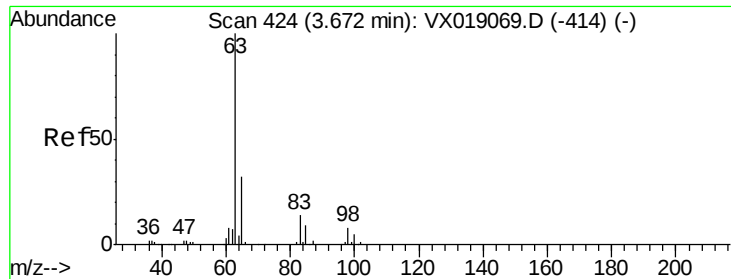
Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tgt Ion:	45	Resp:	13212
Ion	Ratio	Lower	Upper
45	100		
43	91.8	60.6	91.0#
87	38.1	30.9	46.3
59	14.8	11.0	16.6





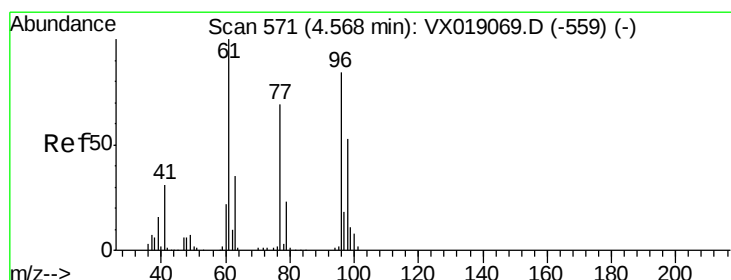
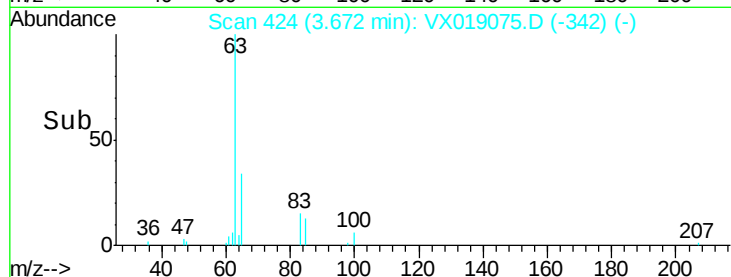
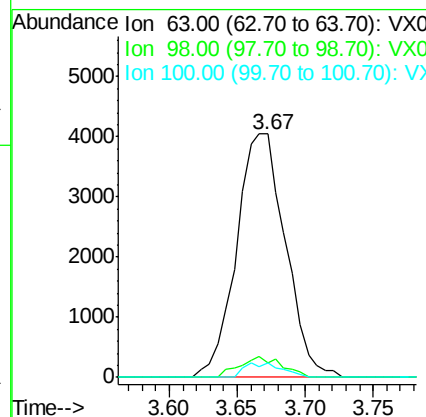
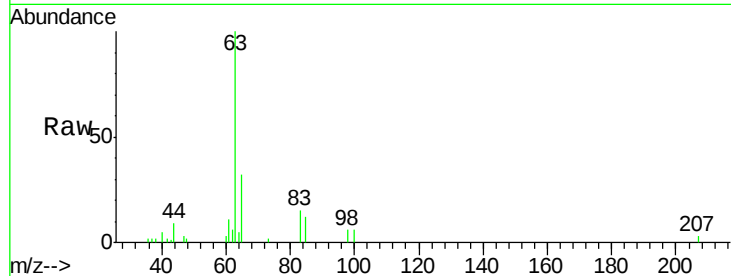
#21
 1,1-Dichloroethane
 Concen: 2.572 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.8	3.9	11.7	
100	5.7	2.4	7.2	

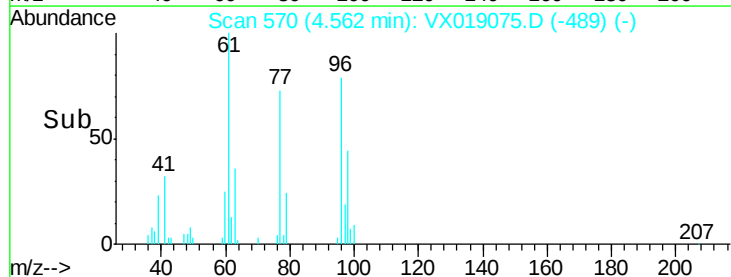
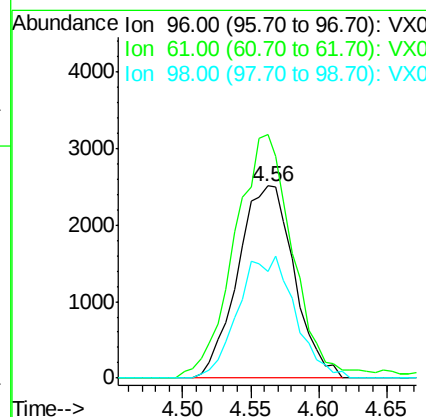
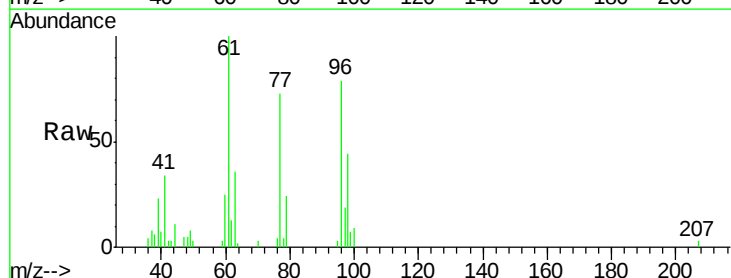
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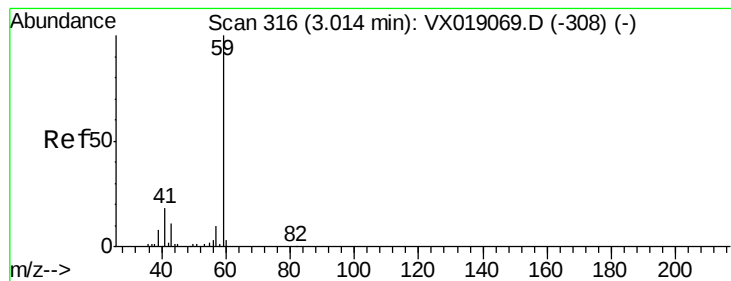
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#22
 cis-1,2-Dichloroethene
 Concen: 2.523 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.0	101.9	152.9	
98	35.8	51.3	76.9#	





#23

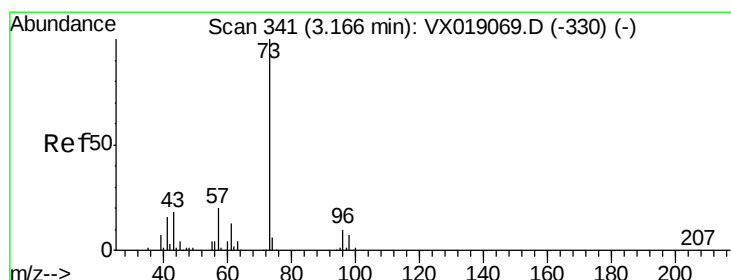
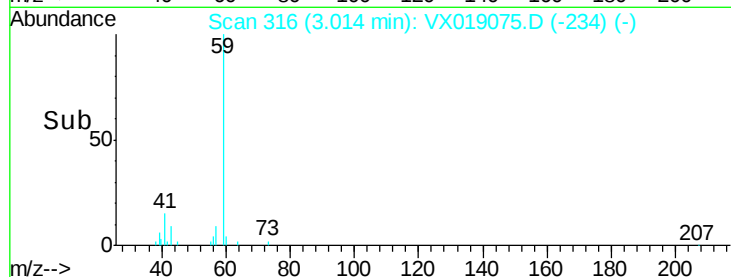
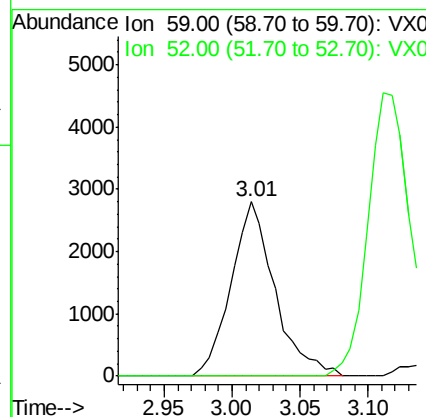
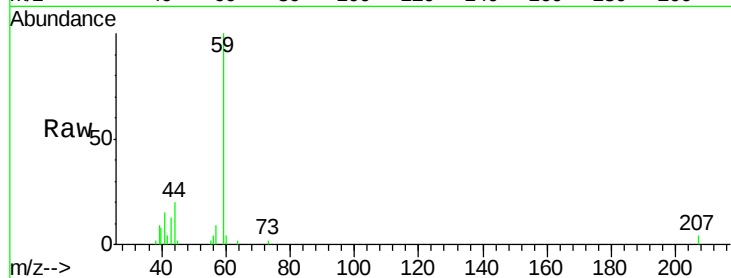
tert-Butyl Alcohol
 Concen: 13.092 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 59 Resp: 6278
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.4#

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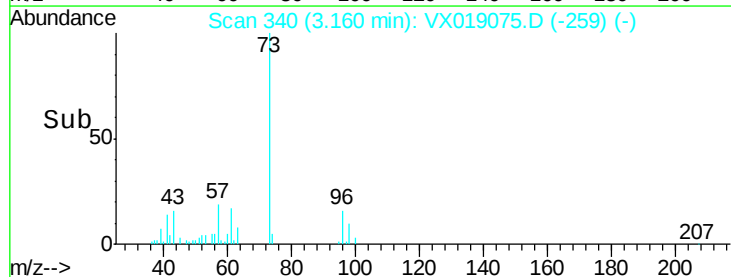
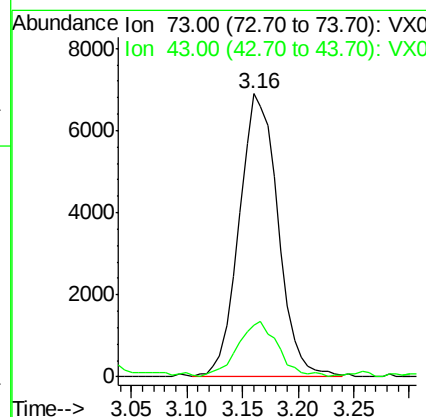
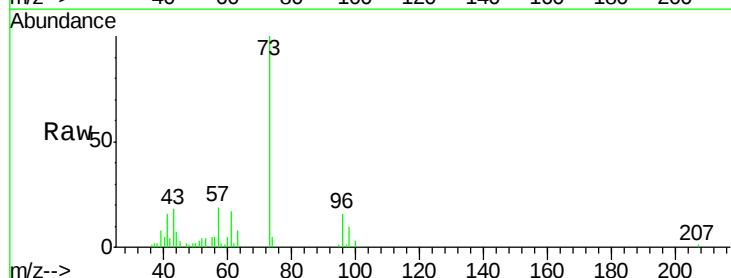
MMDadoda
 10/26/2020 2:27:46 PM

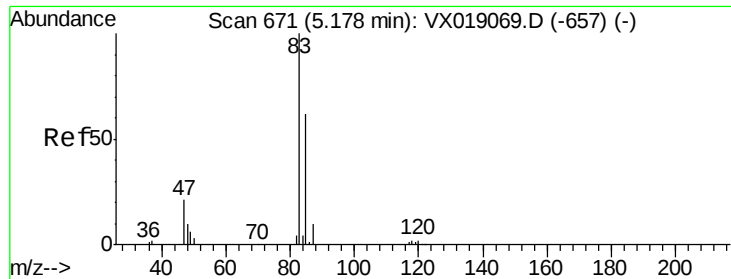


#24

Methyl tert-Butyl Ether
 Concen: 2.489 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion: 73 Resp: 16741
 Ion Ratio Lower Upper
 73 100
 43 20.1 13.9 20.9





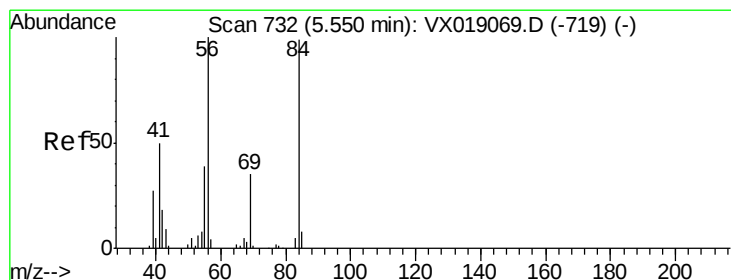
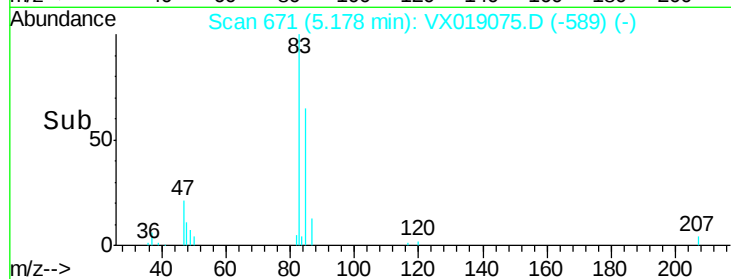
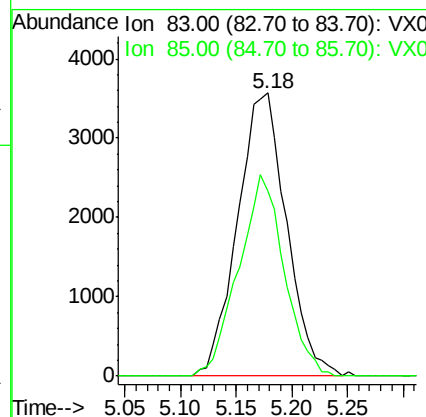
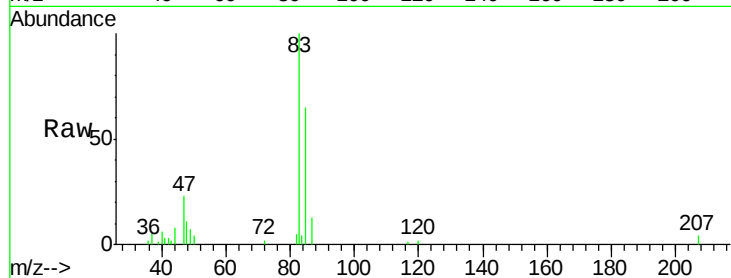
#25
Chloroform
Concen: 2.494 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	83	Resp	10918
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	49.8	74.8

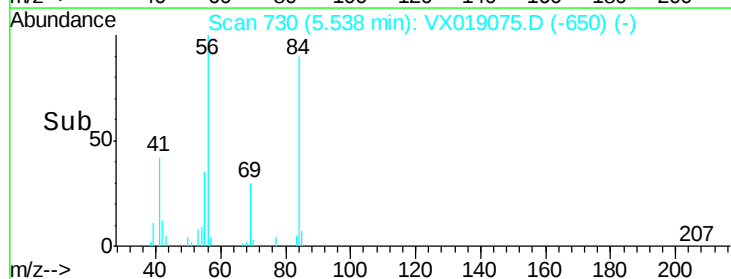
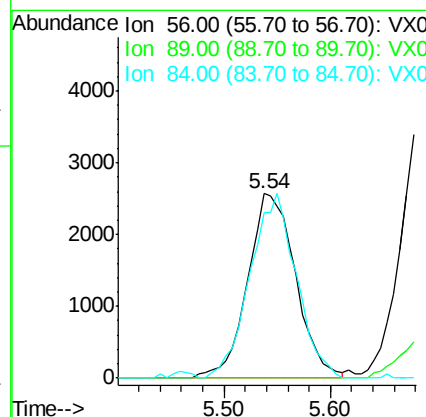
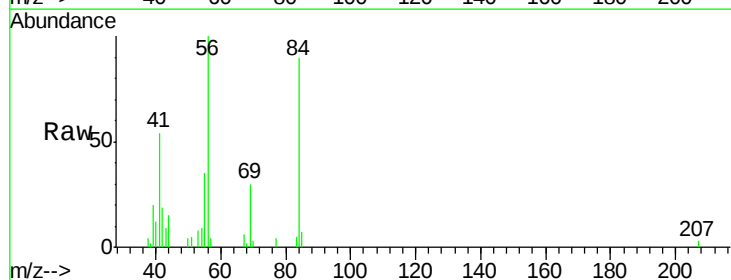
Manual Integrations
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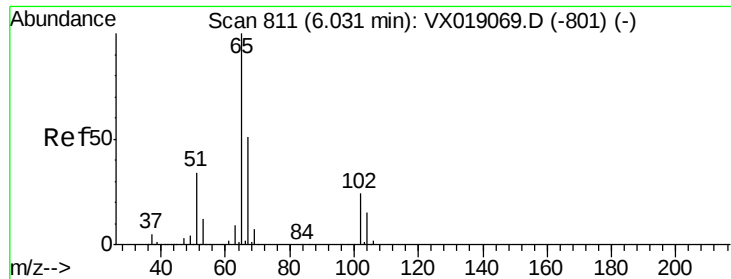
MMDadoda
10/26/2020 2:27:46 PM



#26
Cyclohexane
Concen: 2.627 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	56	Resp	8066
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	97.0	83.7	125.5





#27

1,2-Dichloroethane-d4

Concen: 30.943 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 65 Resp: 87077

Ion Ratio Lower Upper

65 100

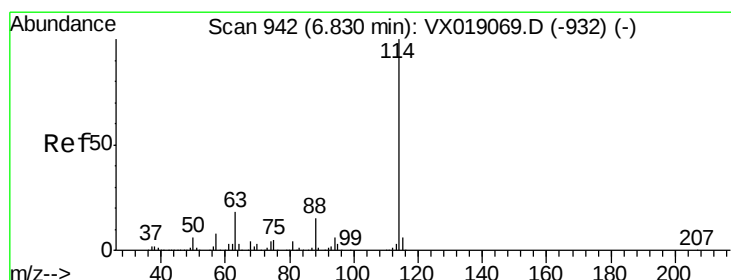
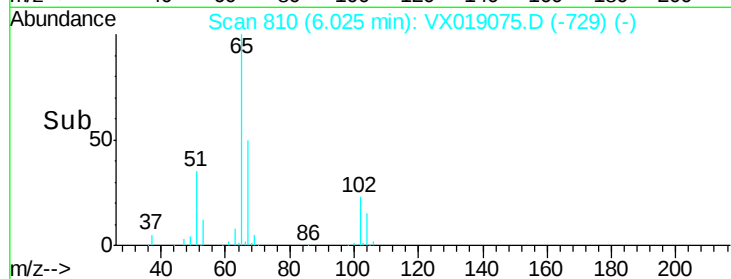
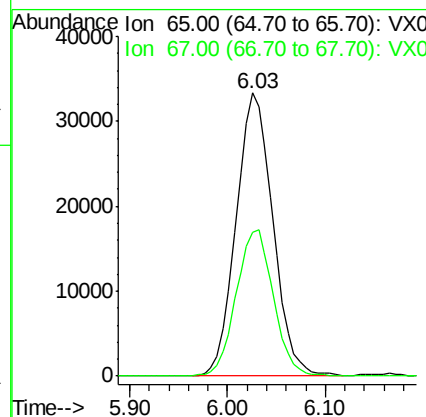
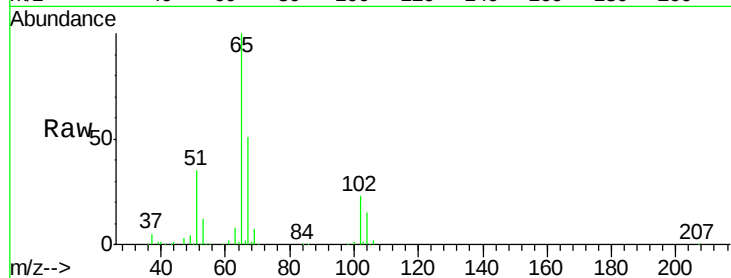
67 52.2 42.0 63.0

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

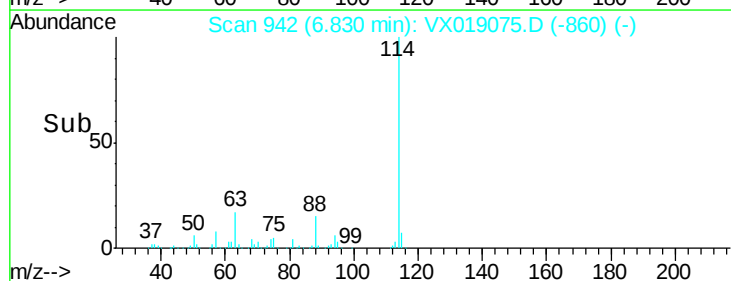
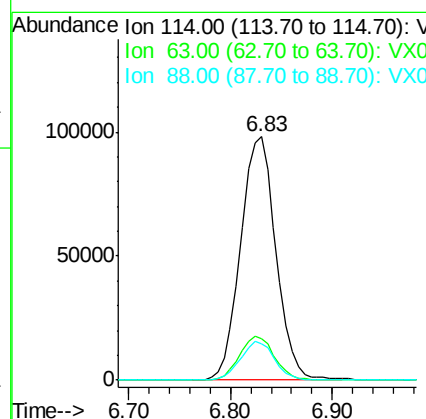
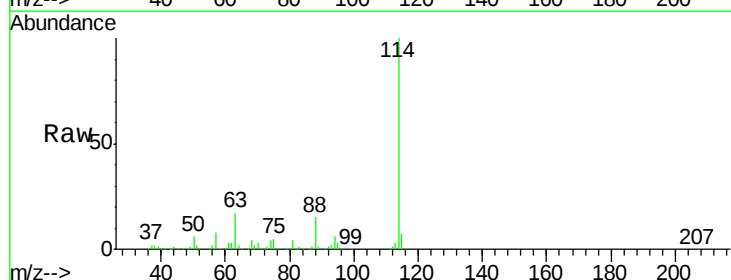
Tgt Ion: 114 Resp: 235618

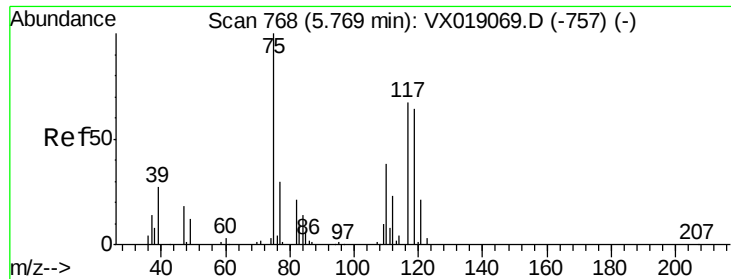
Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

88 15.3 12.2 18.2





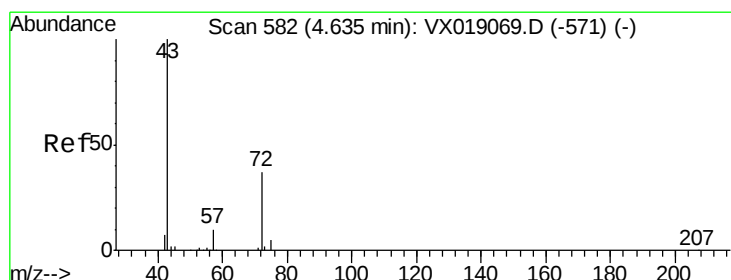
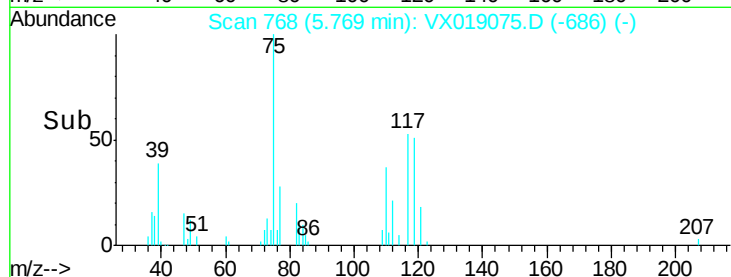
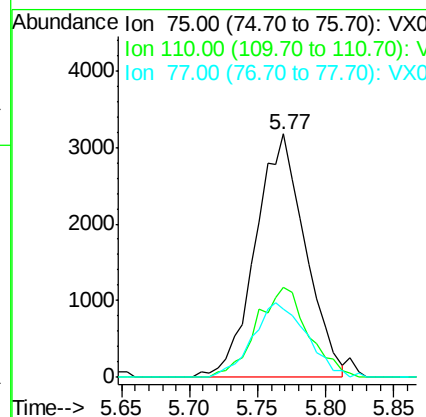
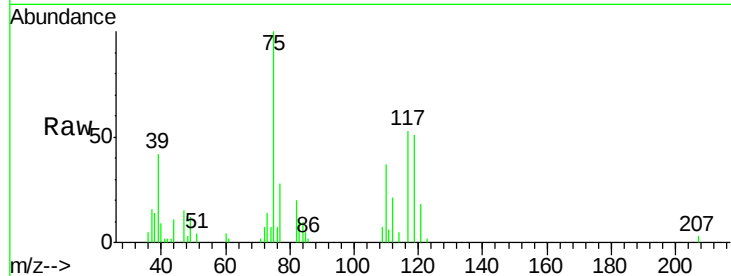
#29
 1,1-Dichloropropene
 Concen: 2.447 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.6	0.0	77.4
77	32.8	0.0	62.8

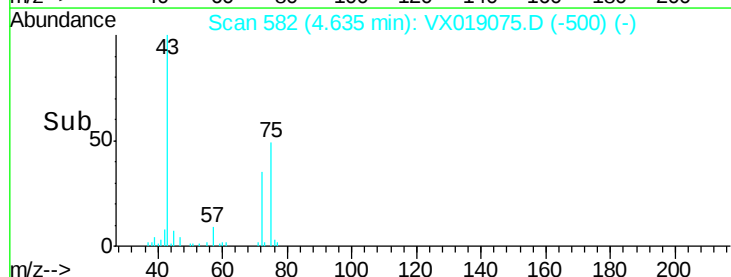
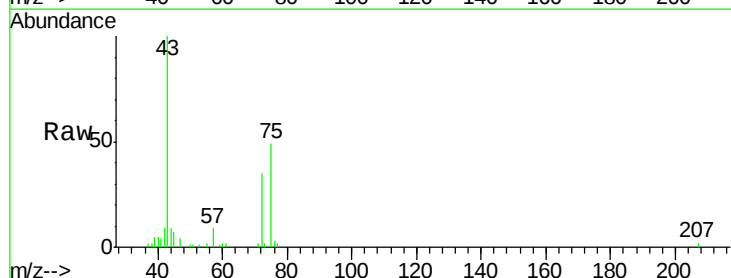
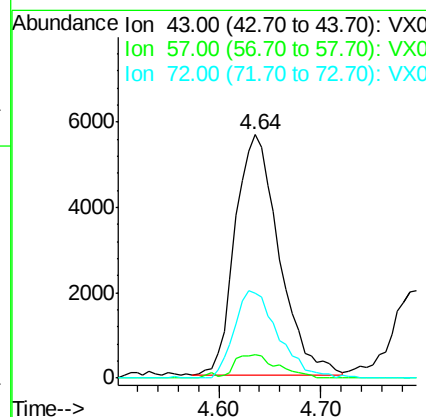
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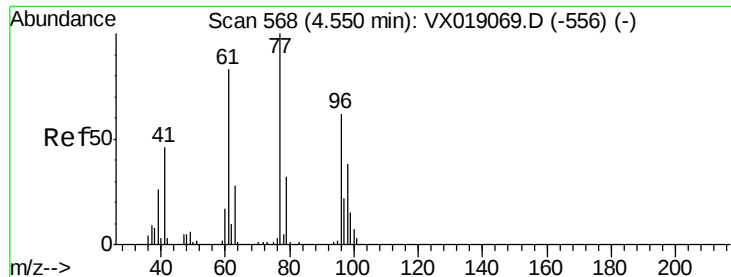
MMDadoda
 10/26/2020 2:27:46 PM



#30
 2-Butanone
 Concen: 12.710 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.4	7.8	11.6#
72	36.0	28.1	42.1





#31

2,2-Dichloropropane

Concen: 2.560 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 77 Resp: 9736

Ion Ratio Lower Upper

77 100

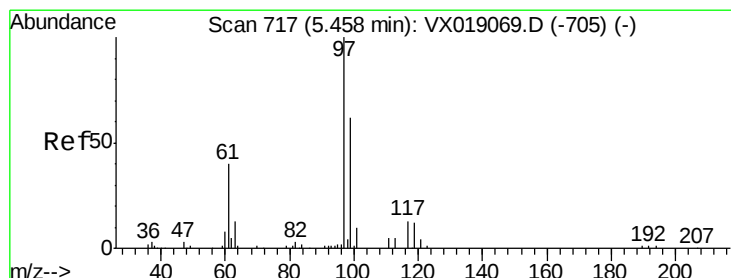
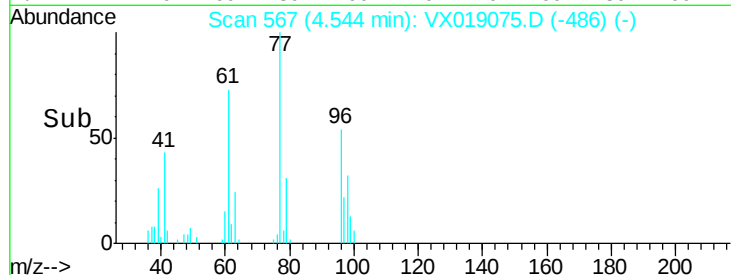
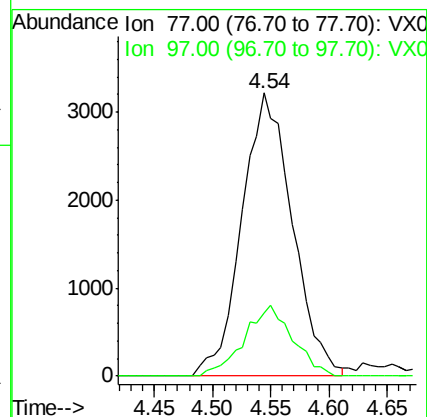
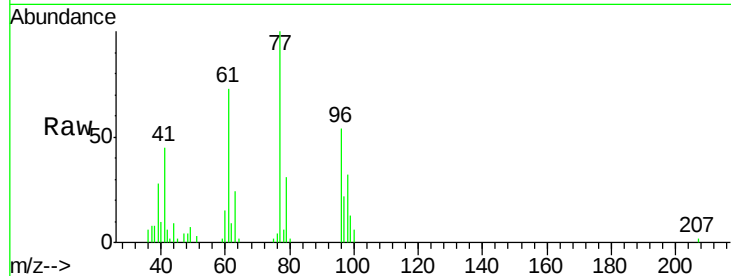
97 23.9 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 2.449 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

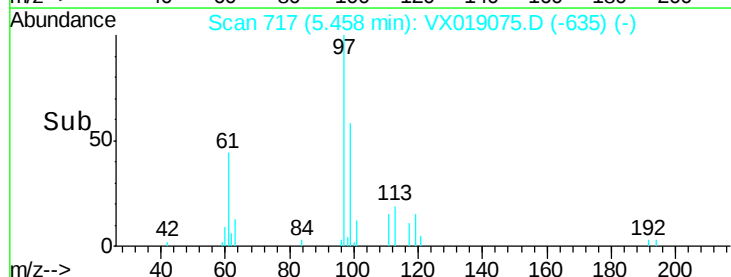
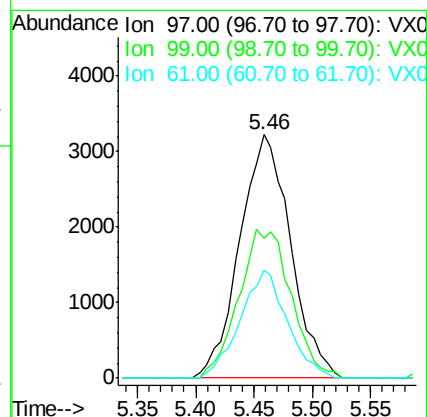
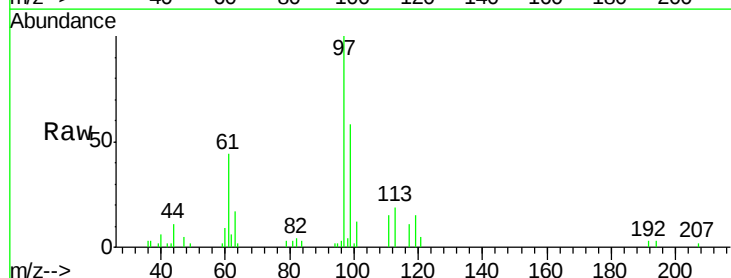
Tgt Ion: 97 Resp: 9786

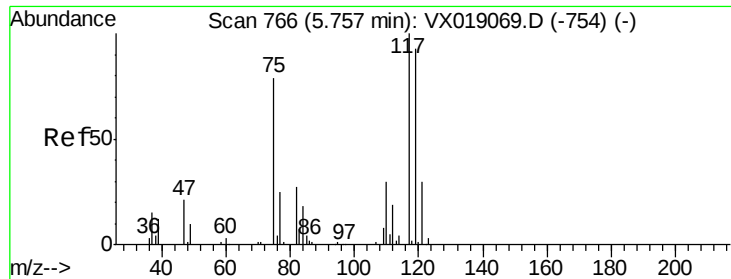
Ion Ratio Lower Upper

97 100

99 33.3 51.0 76.6#

61 41.1 32.0 48.0





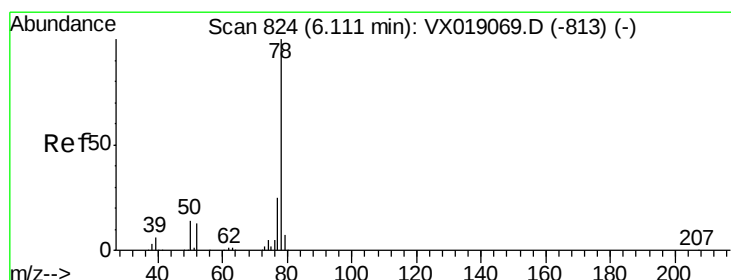
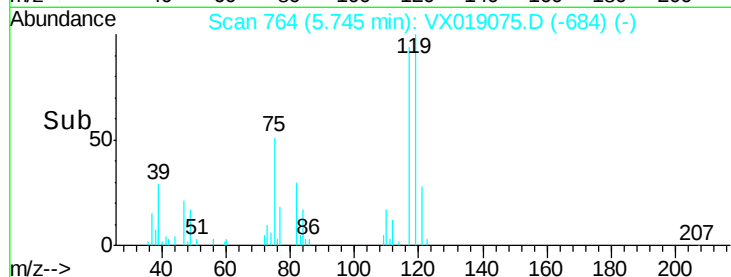
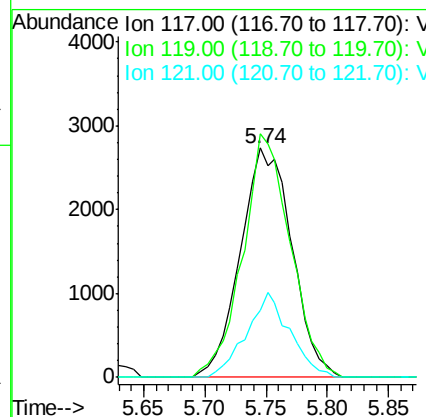
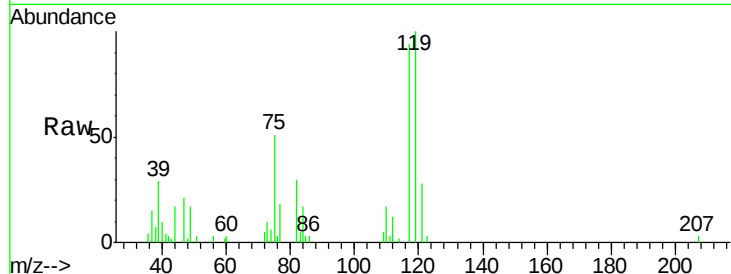
#33
Carbon Tetrachloride
Concen: 2.307 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
117	100		
119	106.2	74.5	111.7
121	29.4	24.1	36.1

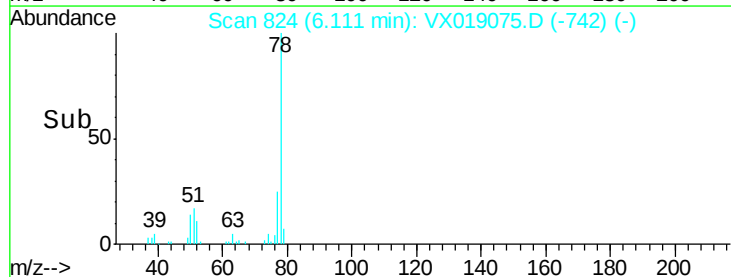
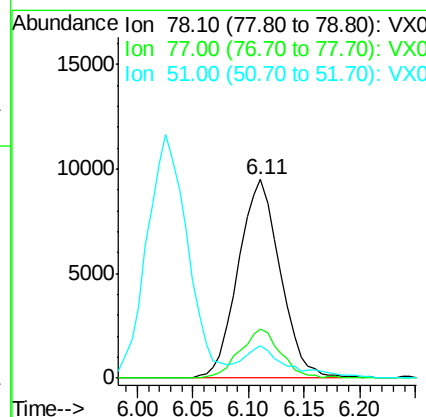
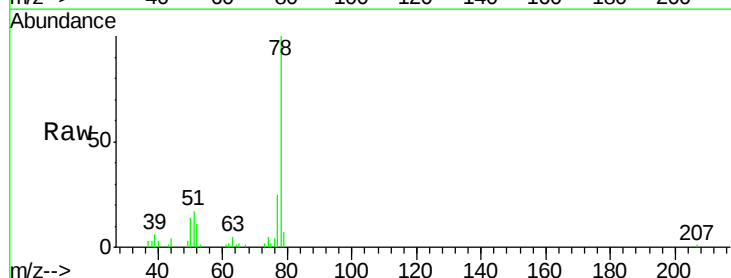
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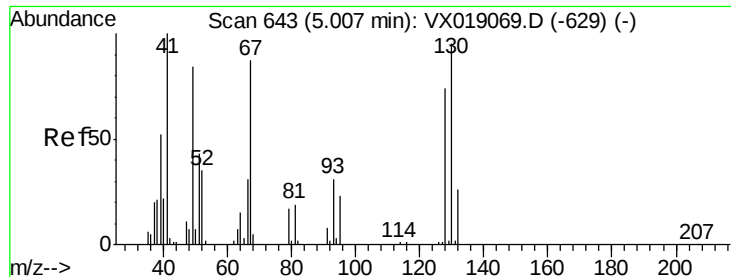
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#34
Benzene
Concen: 2.552 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.1	30.1
51	15.3	11.0	16.4





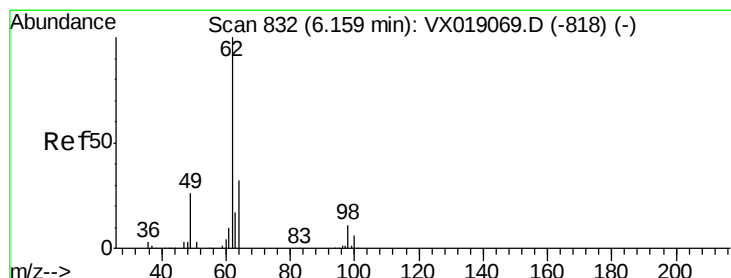
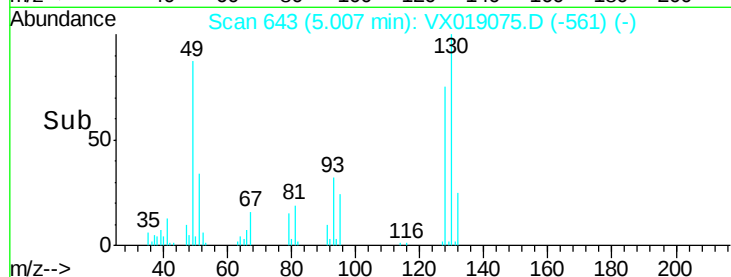
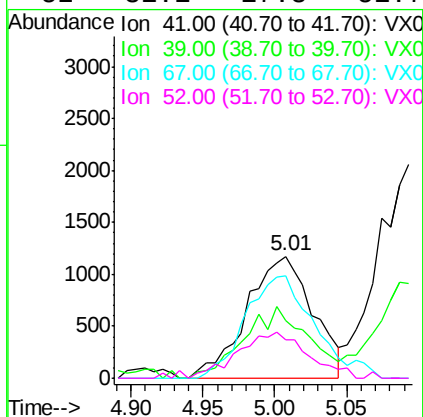
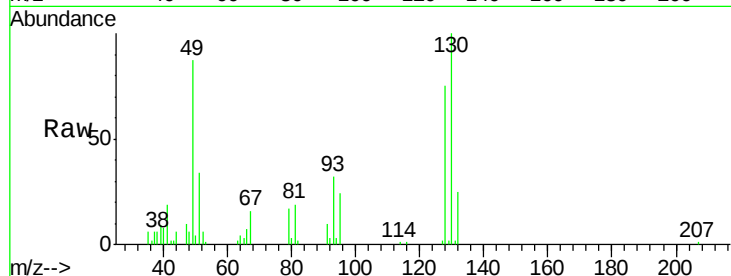
#35
Methacrylonitrile
Concen: 2.608 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.6	25.8	77.4	
67	84.3	43.6	130.8	
52	31.1	17.3	51.7	

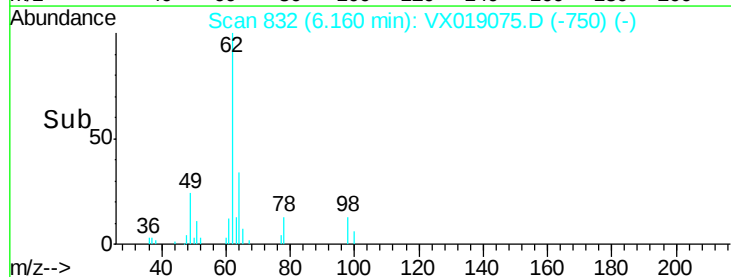
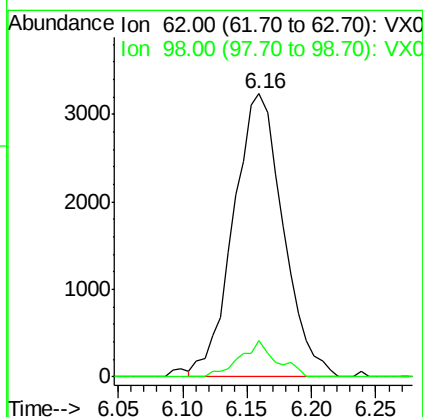
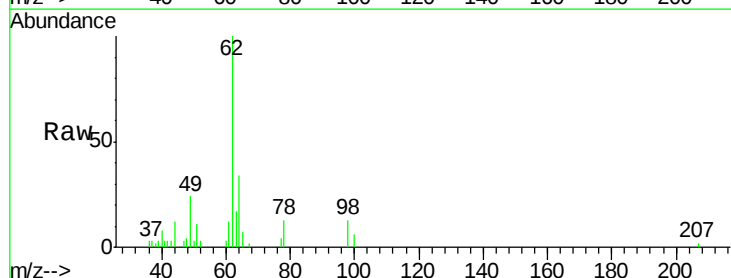
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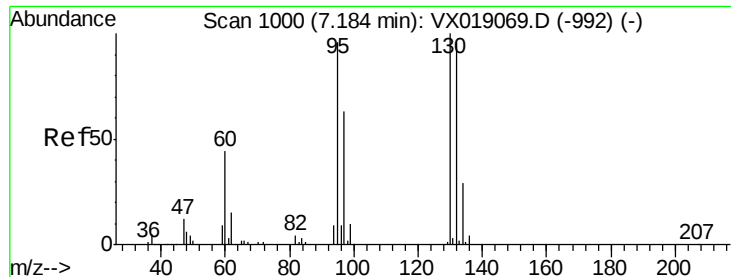
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#36
1,2-Dichloroethane
Concen: 2.590 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	8.4	12.6	#





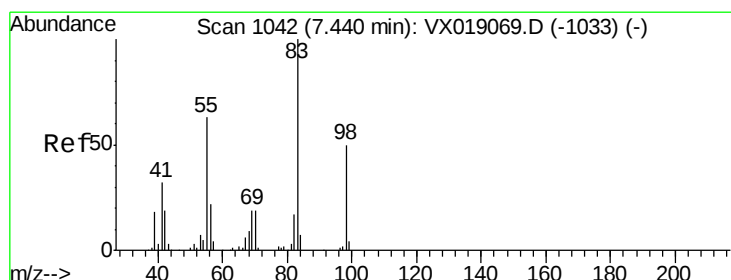
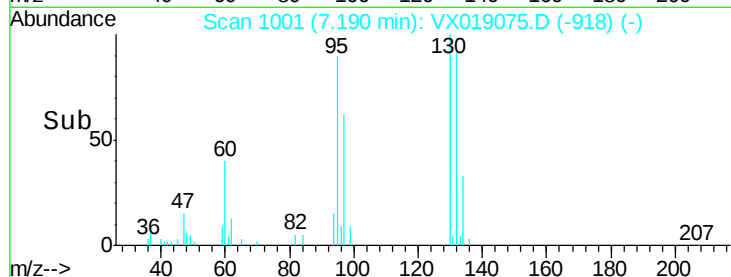
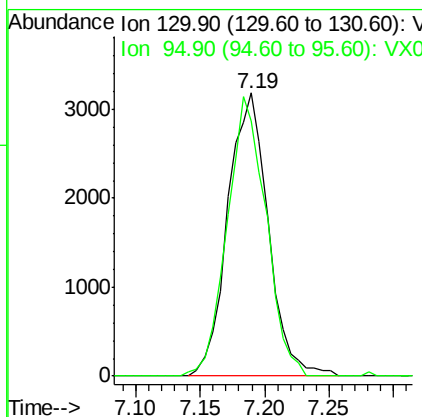
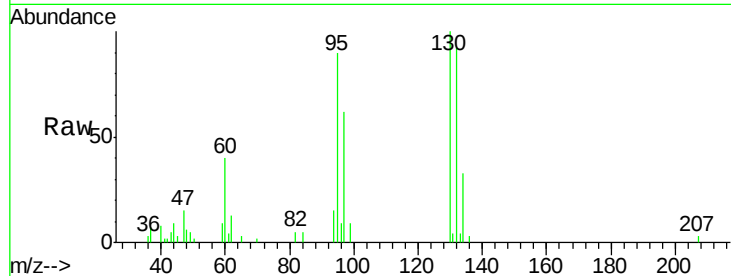
#37
 Trichloroethene
 Concen: 2.480 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion:130 Resp: 6972
 Ion Ratio Lower Upper
 130 100
 95 90.2 76.8 115.2

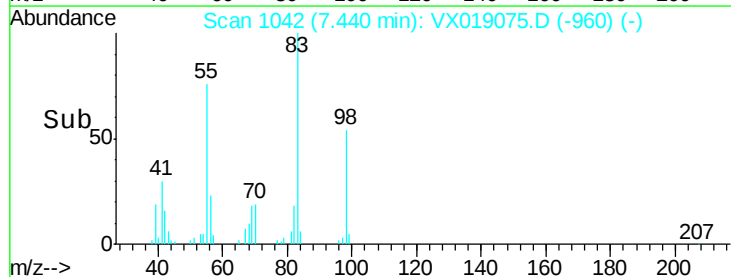
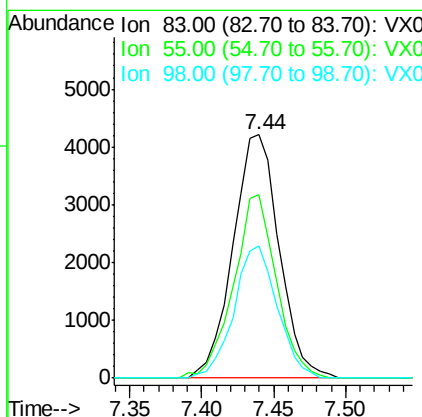
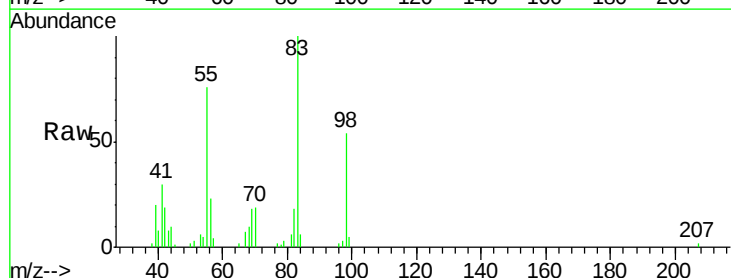
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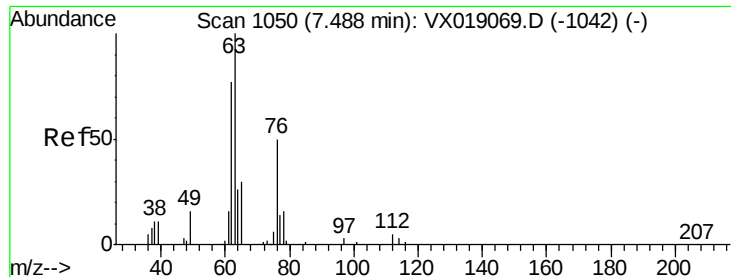
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 10/26/2020 2:27:46 PM



#38
 Methylcyclohexane
 Concen: 2.511 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion: 83 Resp: 9357
 Ion Ratio Lower Upper
 83 100
 55 70.1 32.3 96.8
 98 51.0 25.7 77.1





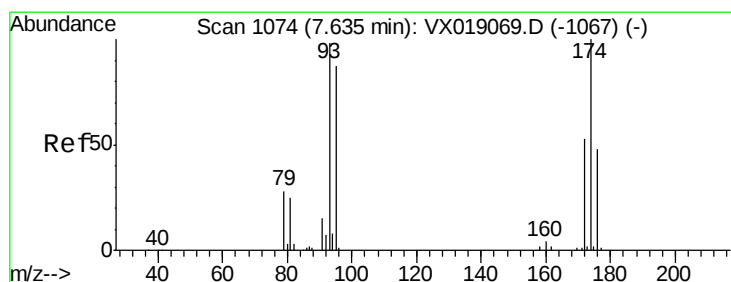
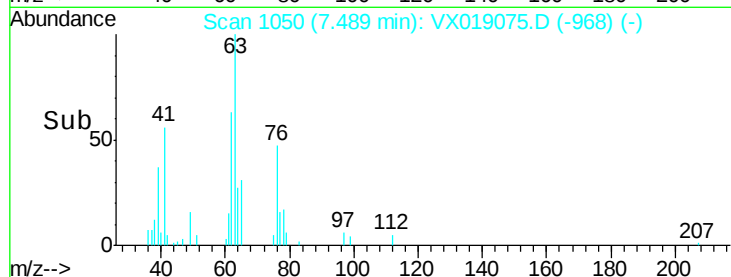
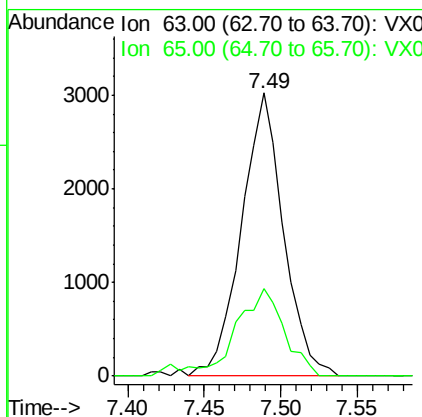
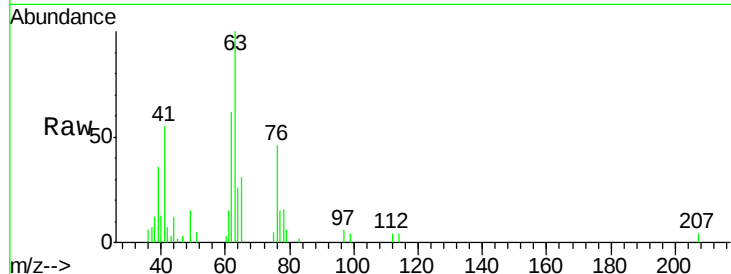
#39
 1,2-Dichloropropane
 Concen: 2.542 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 63 Resp: 5770
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.8 38.8

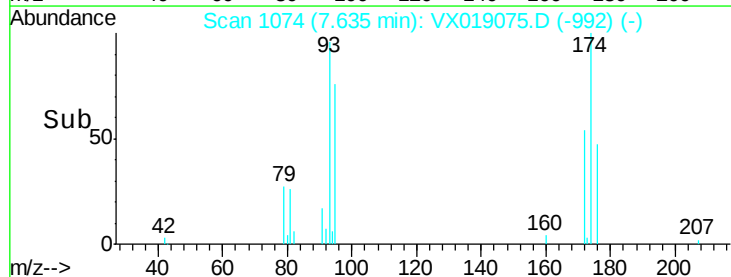
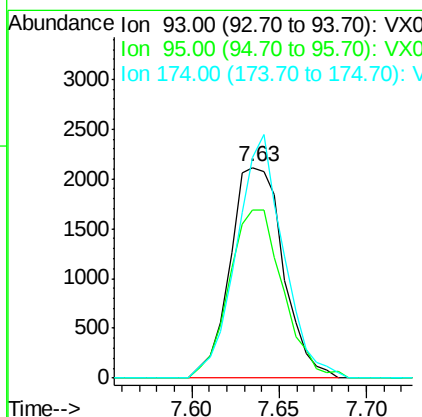
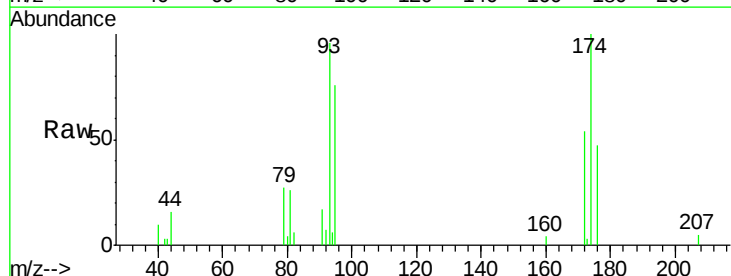
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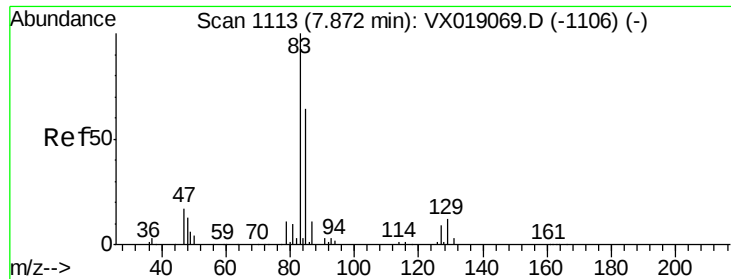
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#40
 Dibromomethane
 Concen: 2.542 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion: 93 Resp: 4478
 Ion Ratio Lower Upper
 93 100
 95 80.3 0.0 169.0
 174 101.6 0.0 205.4





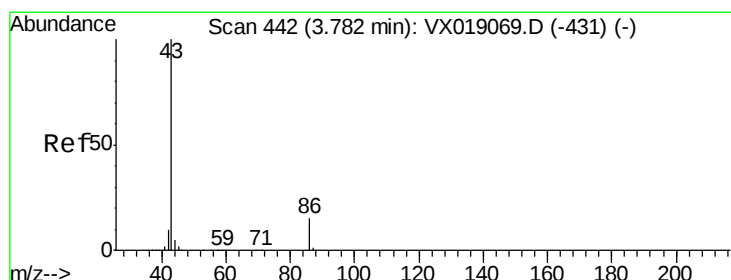
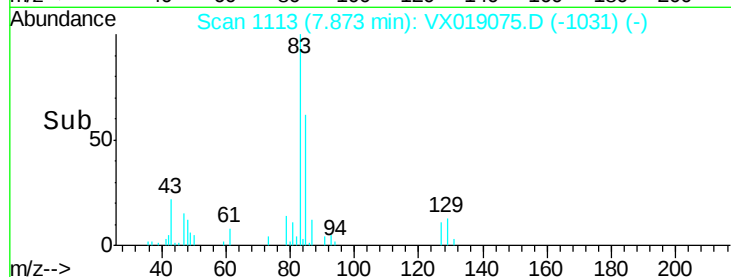
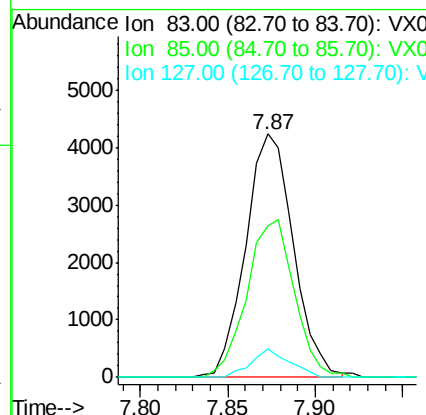
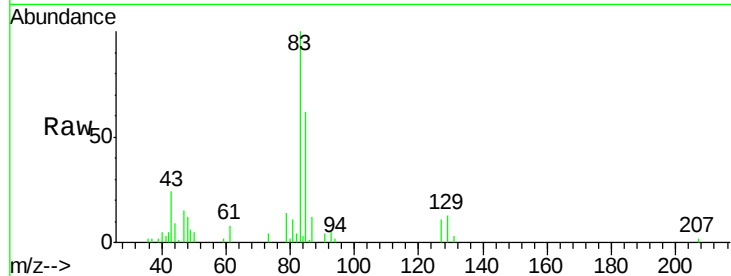
#41
Bromodichloromethane
Concen: 2.309 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	83	Resp	8042
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	51.2	76.8
127	11.5	7.1	10.7

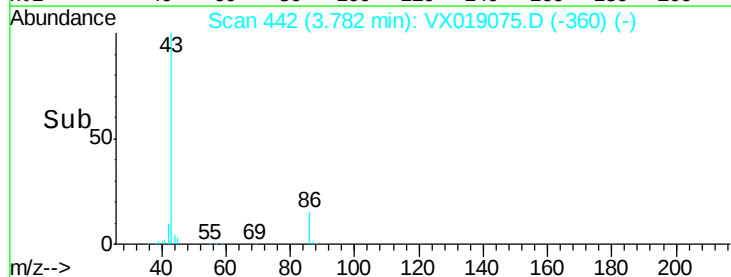
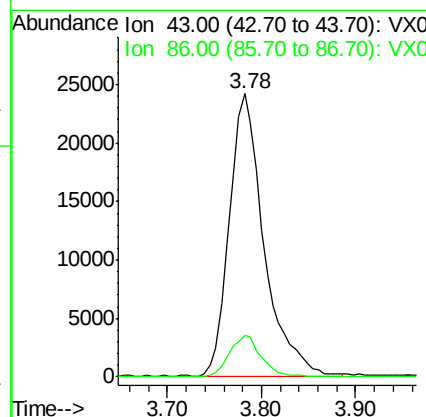
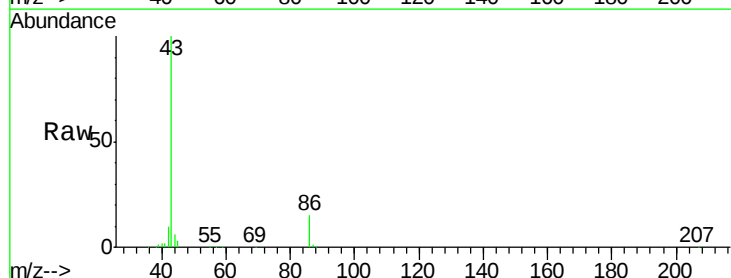
Manual Integrations
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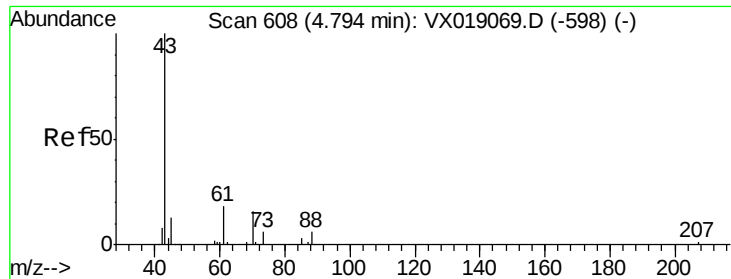
MMDadoda
10/26/2020 2:27:46 PM



#42
Vinyl Acetate
Concen: 12.002 ug/l
RT: 3.78 min Scan# 442
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	43	Resp	61840
Ion Ratio	100	Lower	Upper
43	100		
86	13.1	10.6	15.8





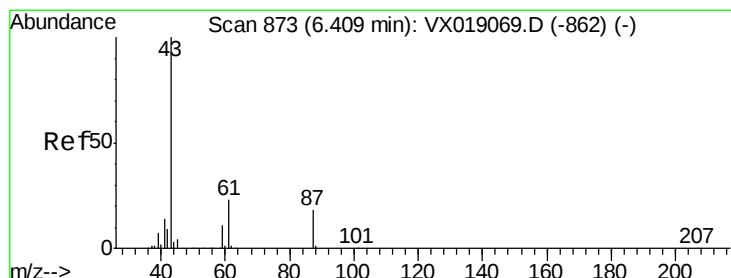
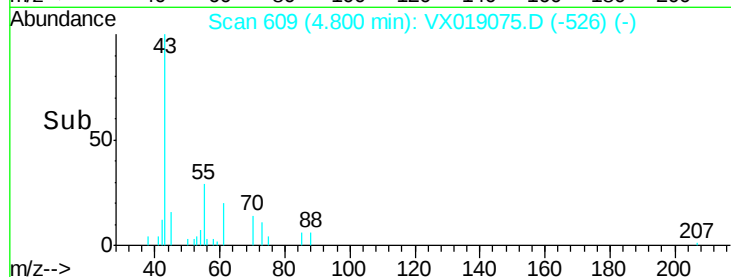
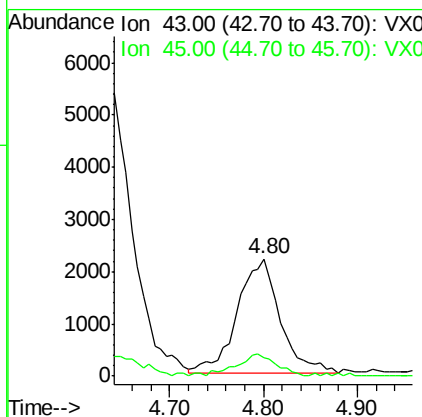
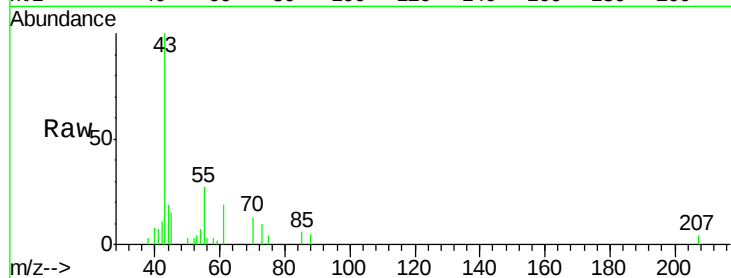
#43
Ethyl Acetate
Concen: 2.472 ug/l m
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 6868
Ion Ratio Lower Upper
43 100
45 3.1 12.7 19.1#

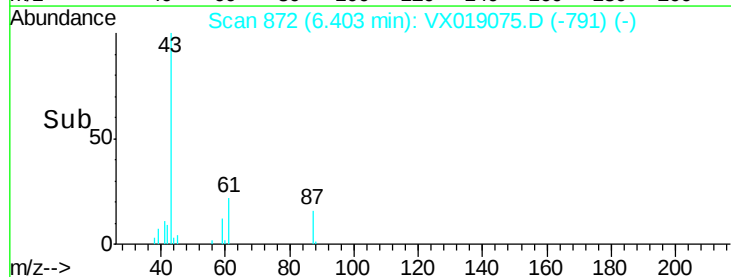
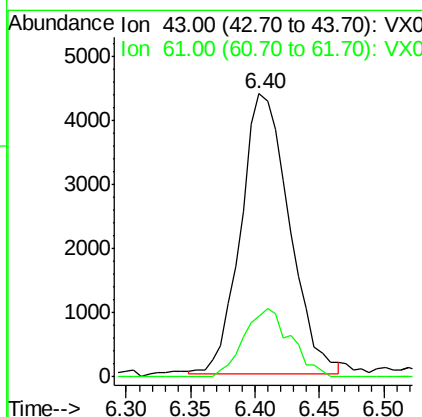
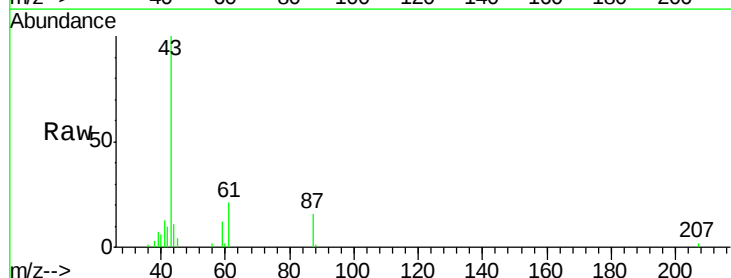
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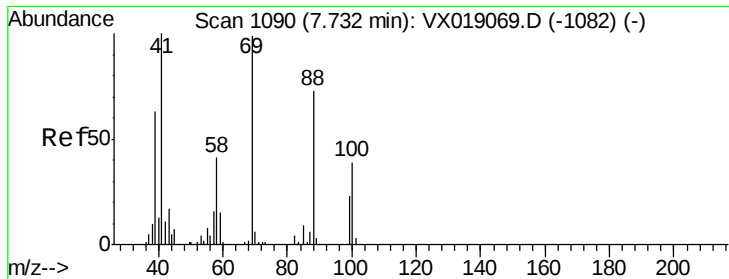
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#44
Isopropyl Acetate
Concen: 2.464 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion: 43 Resp: 11464
Ion Ratio Lower Upper
43 100
61 18.3 19.1 28.7#





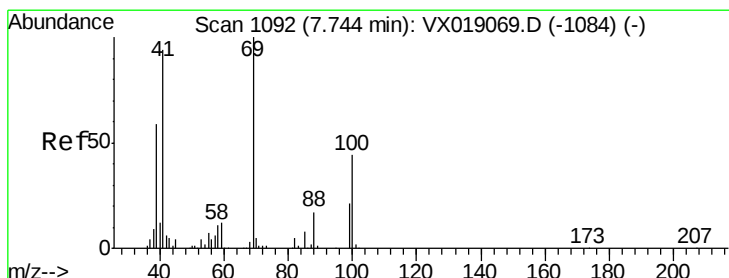
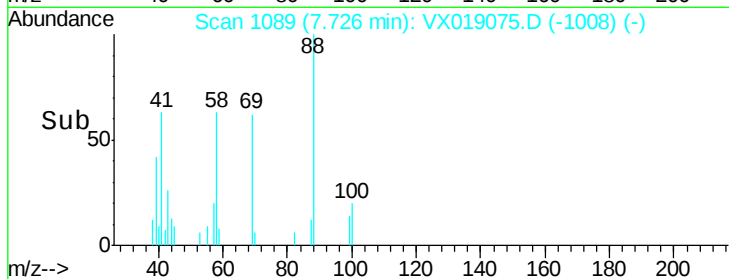
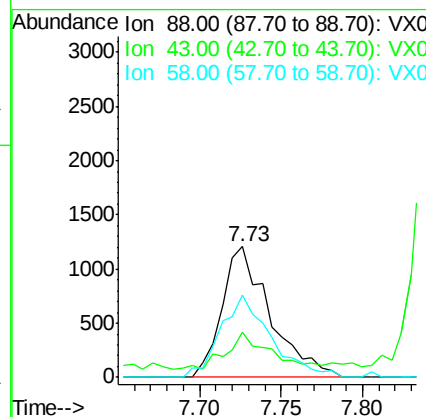
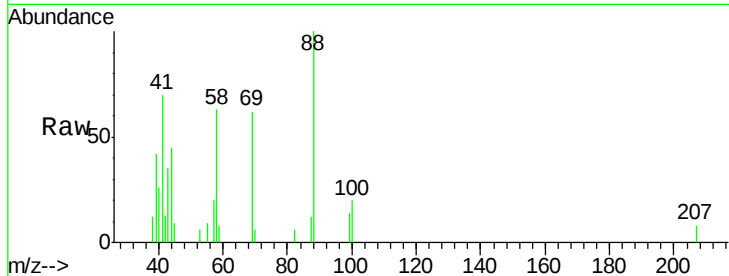
#45
 1,4-Dioxane
 Concen: 50.803 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
88	100		
43	7.1	20.5	30.7#
58	65.6	47.4	71.2

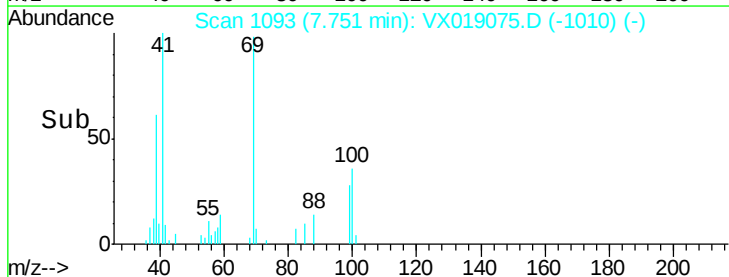
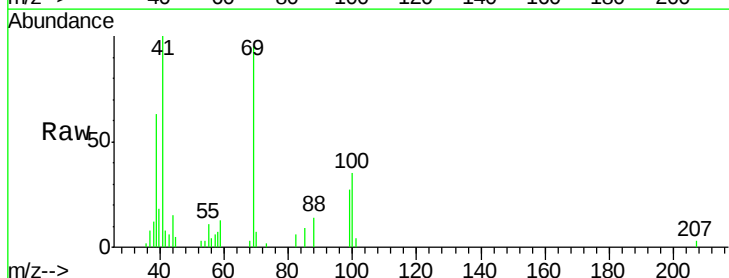
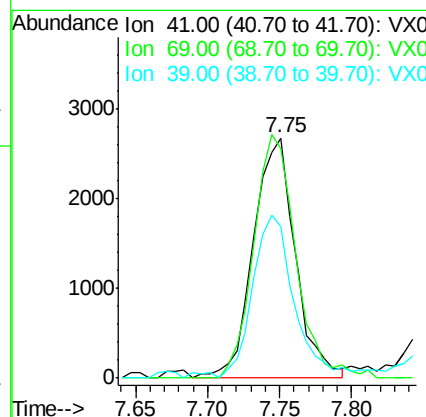
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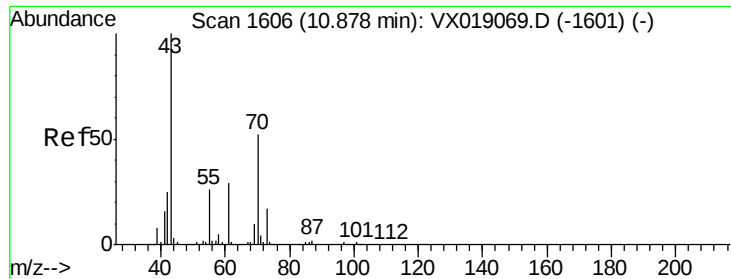
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#46
 Methyl methacrylate
 Concen: 2.449 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.4	53.1	159.4
39	60.5	31.3	93.9





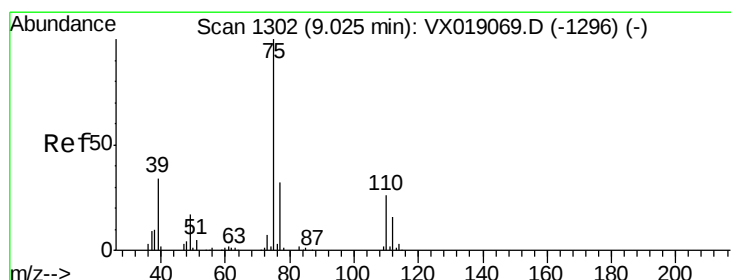
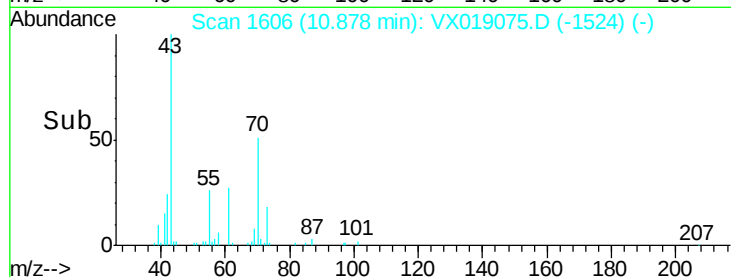
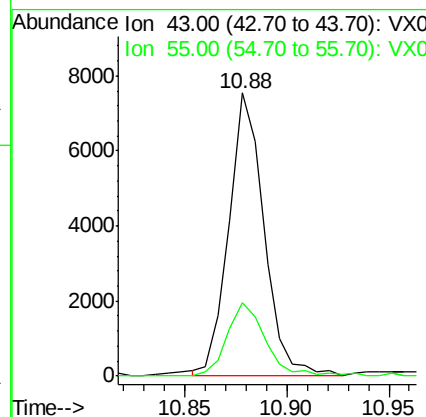
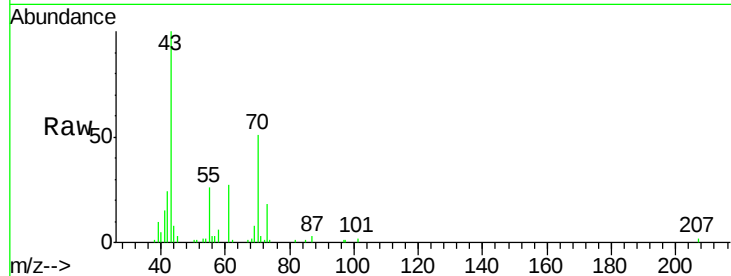
#47
n-amvl Acetate
Concen: 2.417 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 9020
Ion Ratio Lower Upper
43 100
55 28.3 21.5 32.3

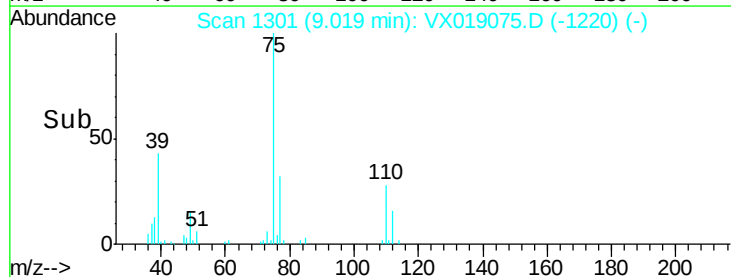
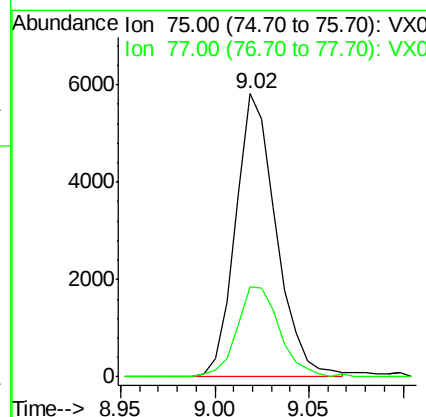
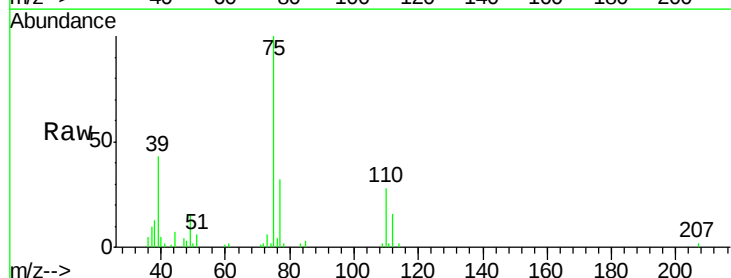
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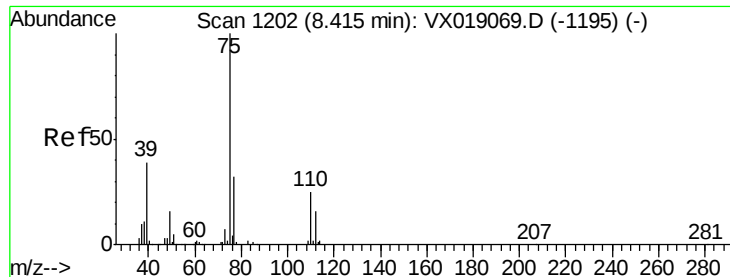
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#48
t-1,3-Dichloropropene
Concen: 2.230 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion: 75 Resp: 8695
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9





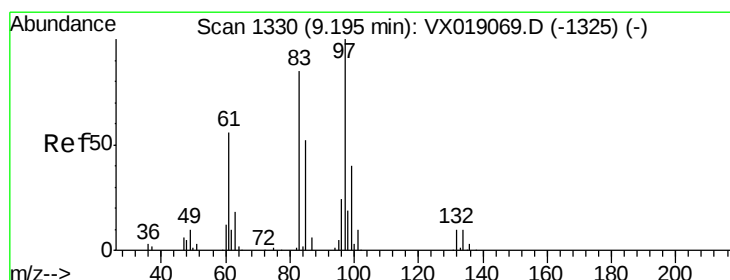
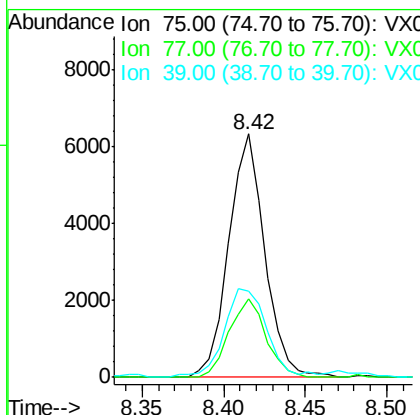
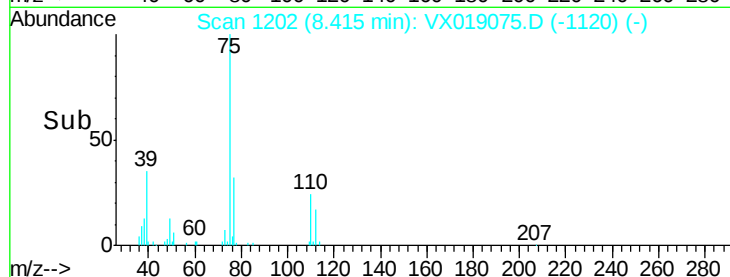
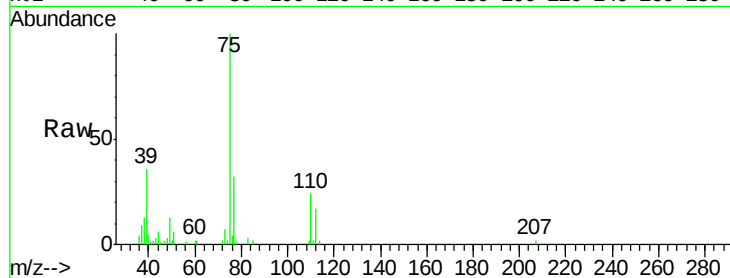
#49
 cis-1,3-Dichloropropene
 Concen: 2.351 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	34.6	31.0	46.6

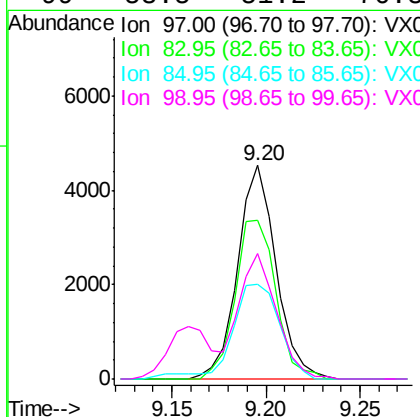
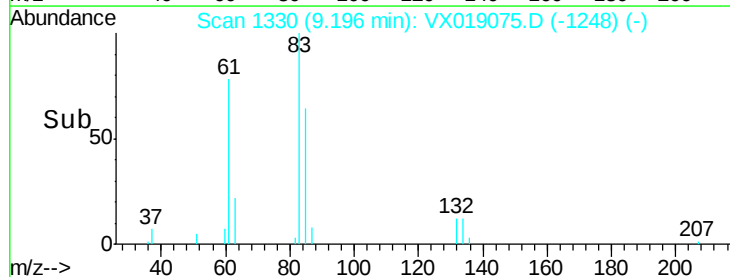
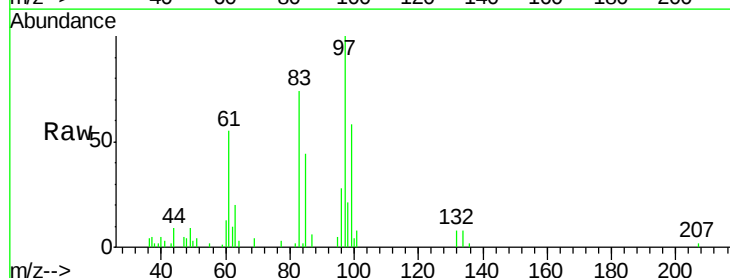
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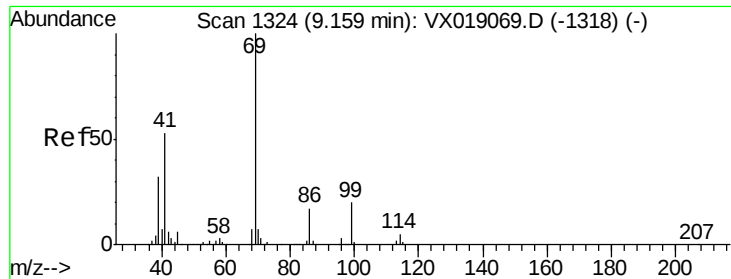
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#50
 1,1,2-Trichloroethane
 Concen: 2.509 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.3	67.8	101.6
85	44.5	43.5	65.3
99	58.5	51.2	76.8





#51

Ethyl methacrylate

Concen: 2.214 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

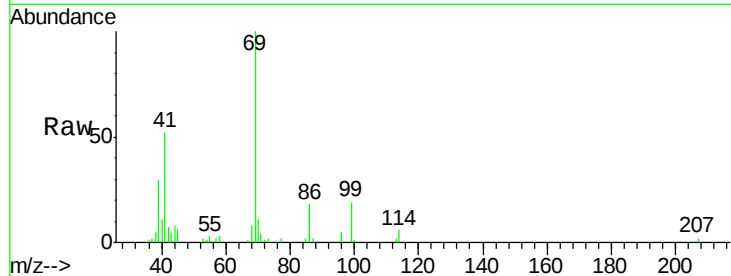
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

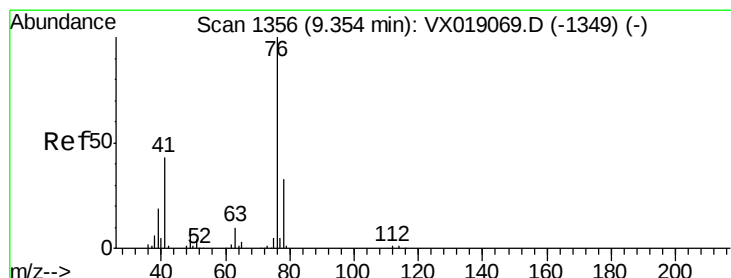
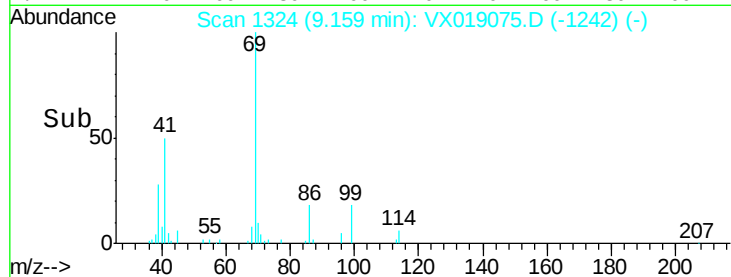
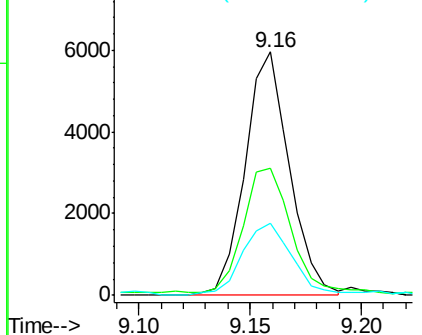
Tot Ion:	69	Resp:	8246
Ion	Ratio	Lower	Upper
69	100		
41	51.2	26.5	79.4
39	29.6	16.2	48.6

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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 2.444 ug/l

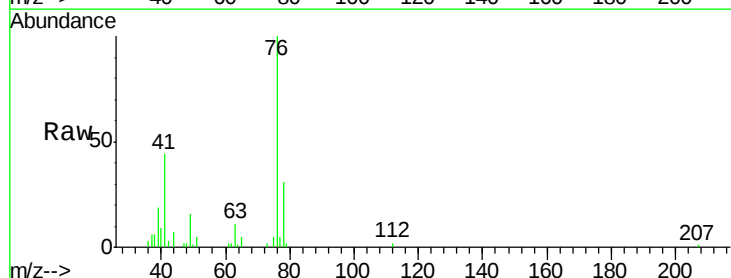
RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

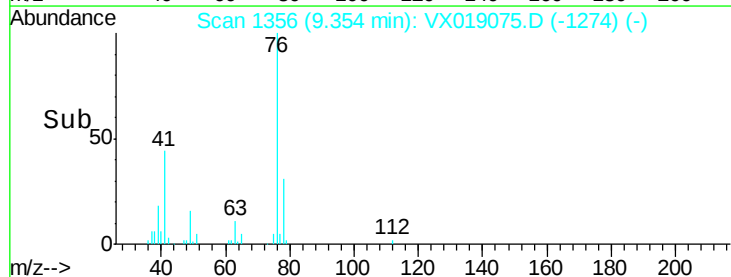
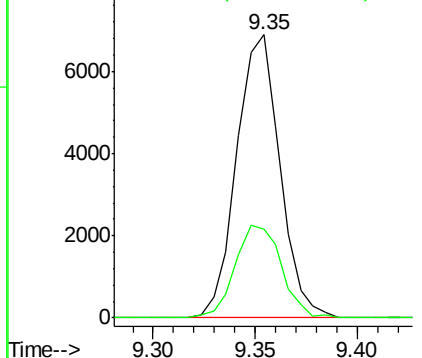
Lab File: VX019075.D

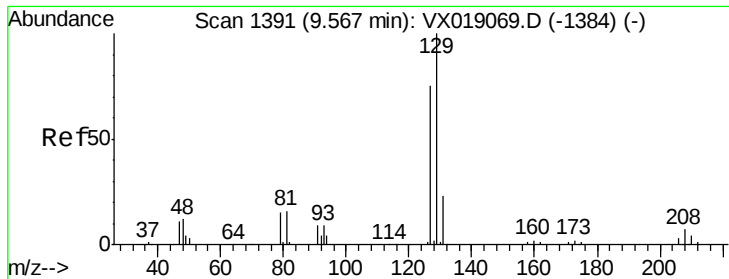
Acq: 23 Oct 2020 13:18

Tgt Ion:	76	Resp:	10160
Ion	Ratio	Lower	Upper
76	100		
78	34.9	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 2.250 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:129 Resp: 6393

Ion Ratio Lower Upper

129 100

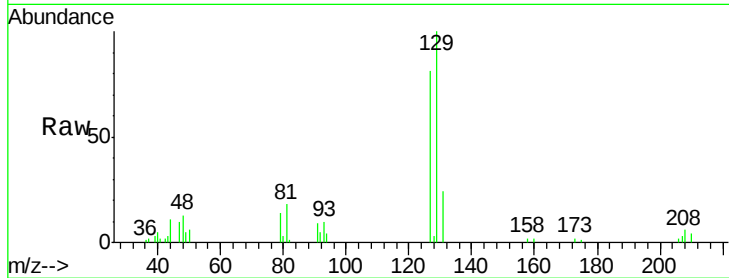
127 76.6 38.4 115.1

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

4000

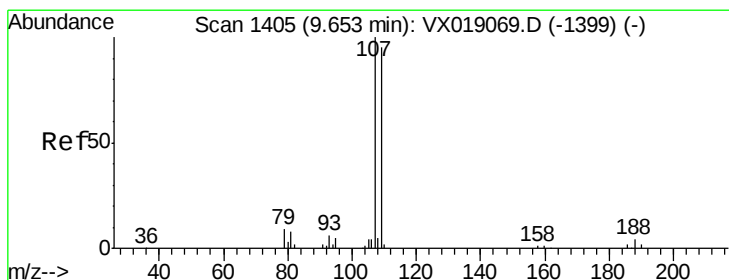
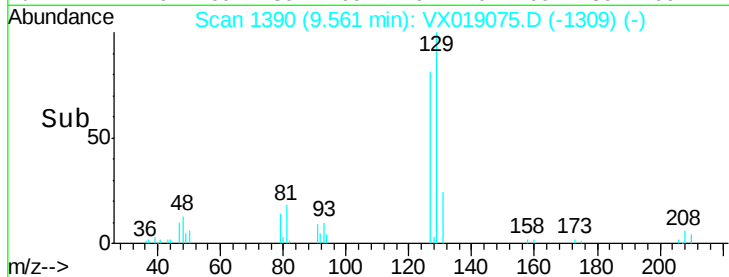
3000

2000

1000

0

Time--> 9.50 9.55 9.60



#54

1,2-Dibromoethane

Concen: 2.306 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019075.D

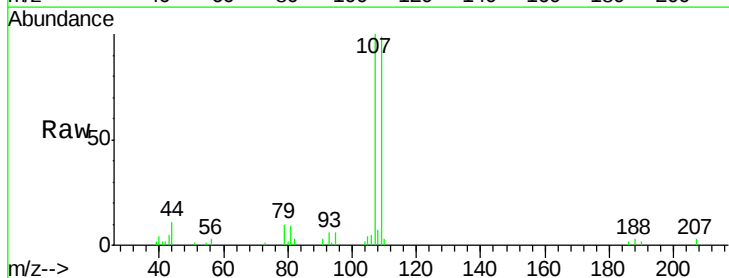
Acq: 23 Oct 2020 13:18

Tgt Ion:107 Resp: 6395

Ion Ratio Lower Upper

107 100

109 96.9 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

5000

4000

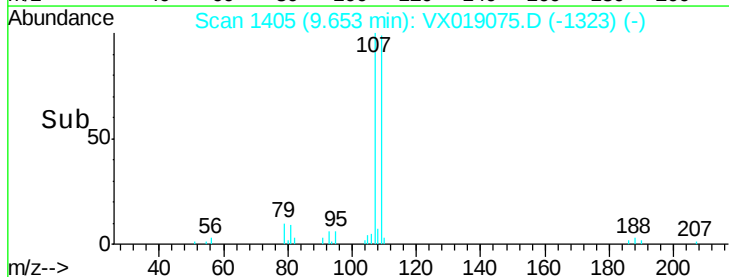
3000

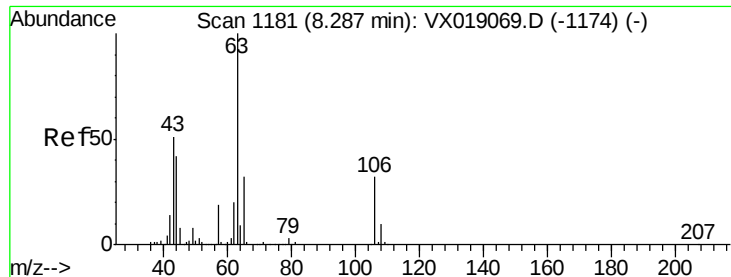
2000

1000

0

Time--> 9.60 9.65 9.70





#55

2-Chloroethyl vinyl ether

Concen: 11.694 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

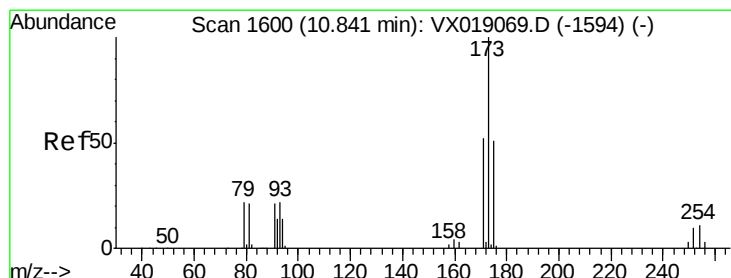
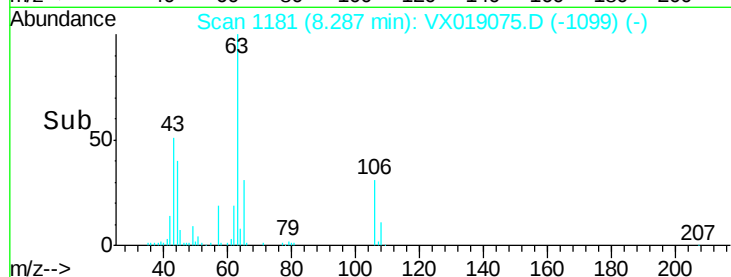
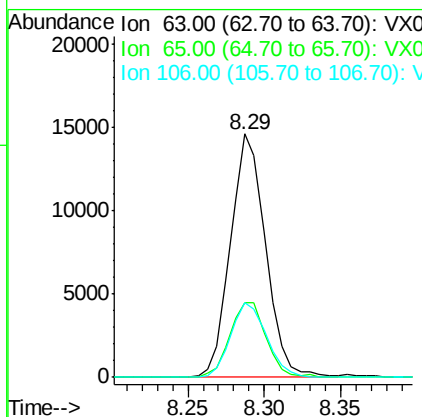
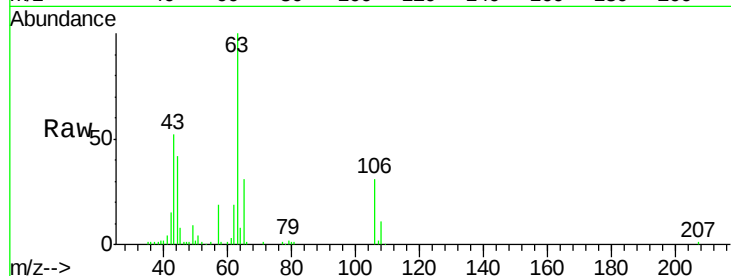
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	63	Resp:	23271
Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	31.3	25.9	38.9

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#56

Bromoform

Concen: 2.158 ug/l

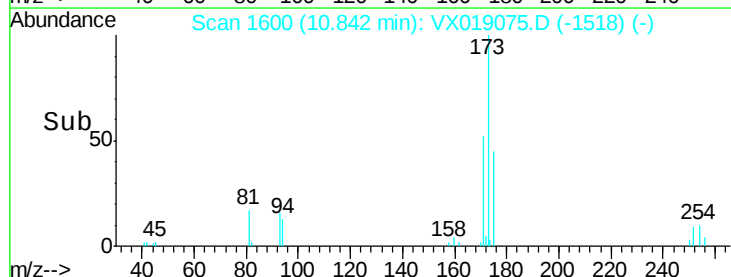
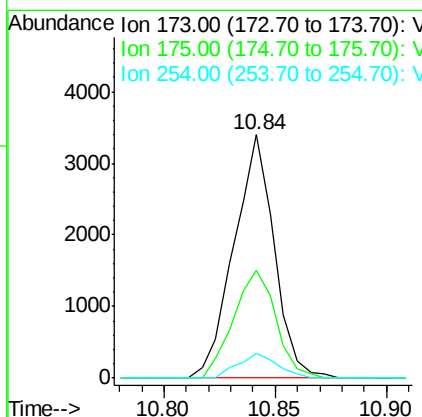
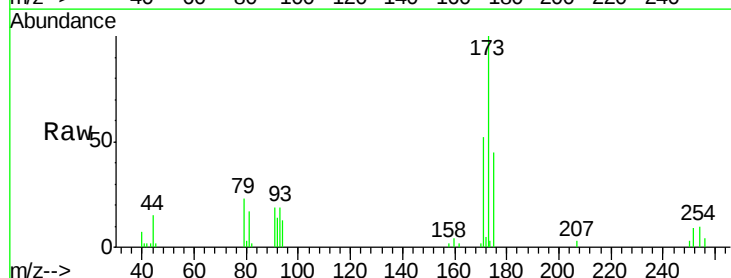
RT: 10.84 min Scan# 1600

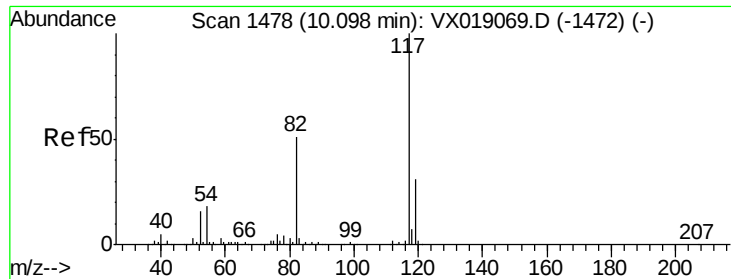
Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tgt Ion:	173	Resp:	4286
Ion	Ratio	Lower	Upper
173	100		
175	46.7	39.6	59.4
254	10.0	8.6	13.0





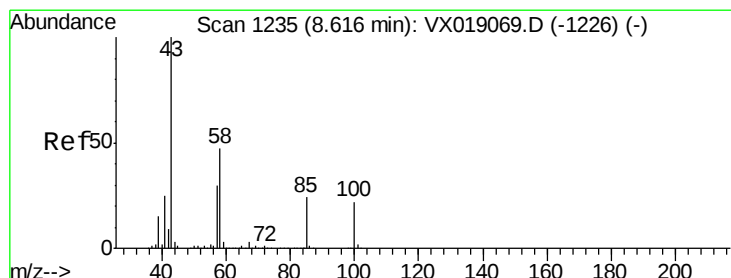
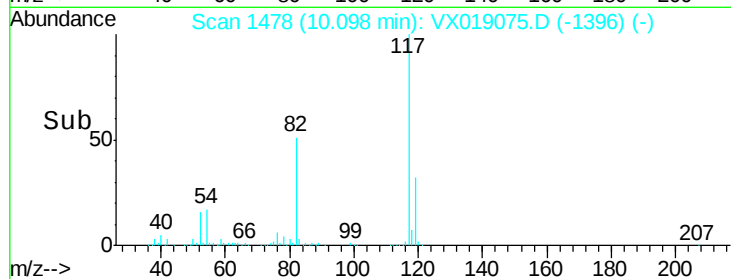
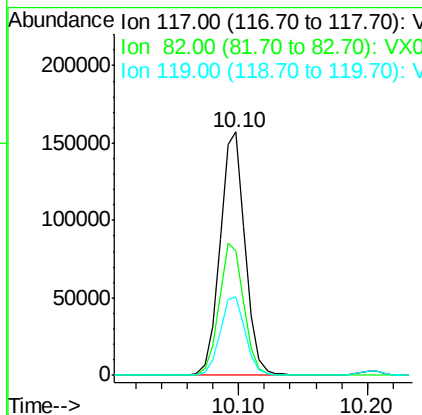
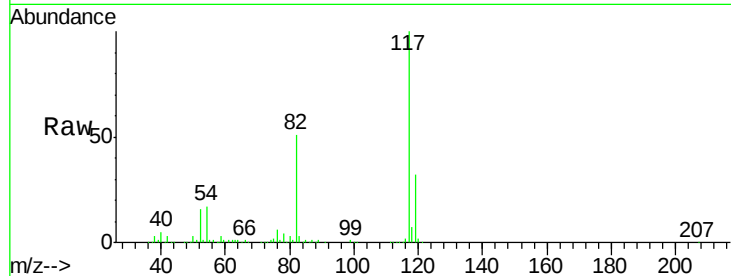
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	213868		
82	54.2		42.5	63.7
119	32.4		25.6	38.4

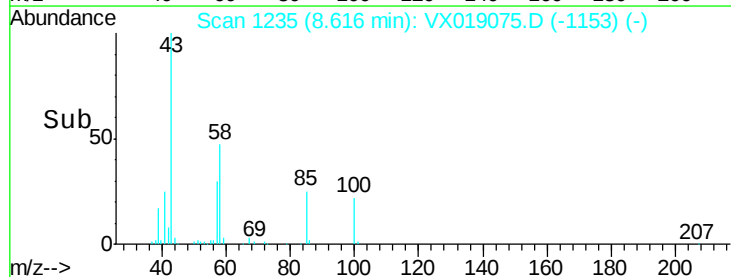
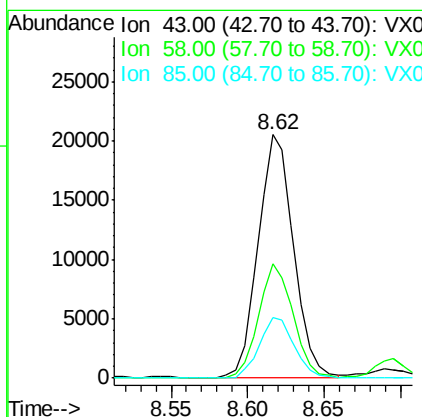
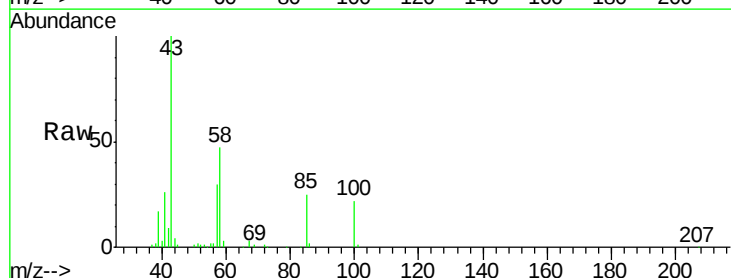
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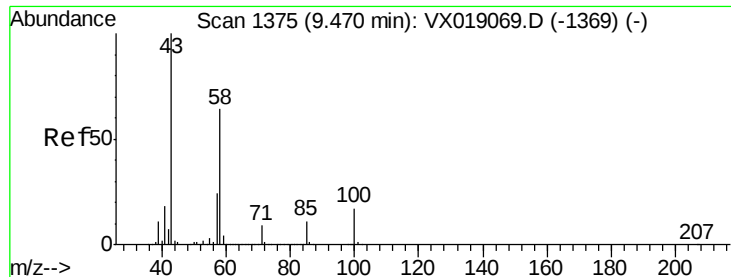
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#58
4-Methyl-2-Pentanone
Concen: 12.197 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	32897		
58	46.2		37.6	56.4
85	24.7		19.4	29.2





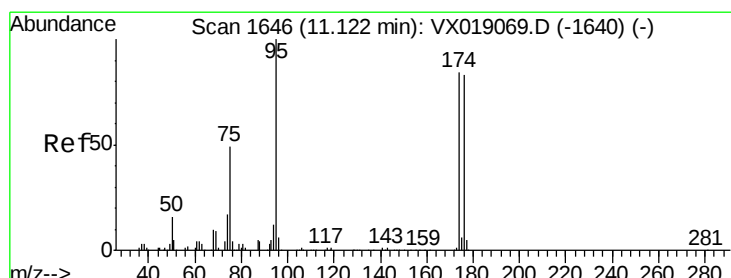
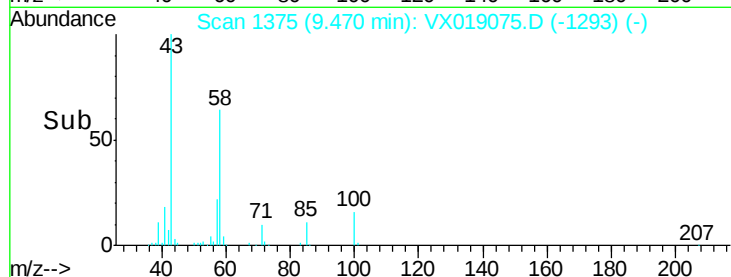
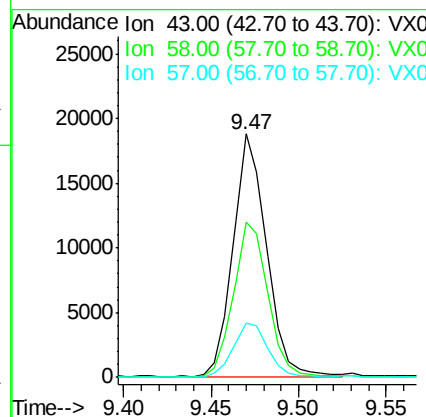
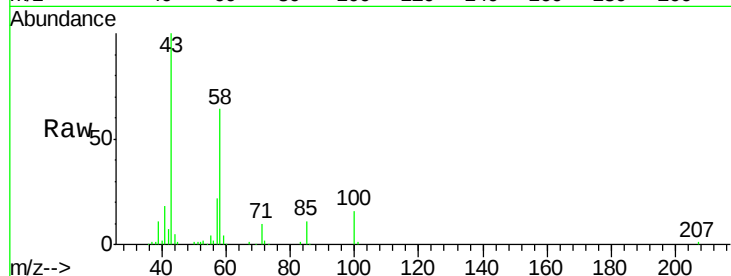
#59
2-Hexanone
Concen: 12.430 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	43	Resp	24981
Ion	Ratio	Lower	Upper
43	100		
58	65.7	51.9	77.9
57	23.3	18.2	27.4

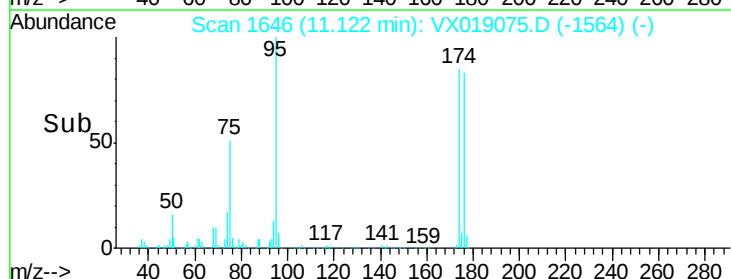
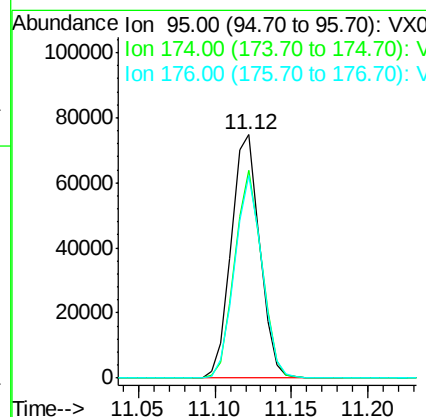
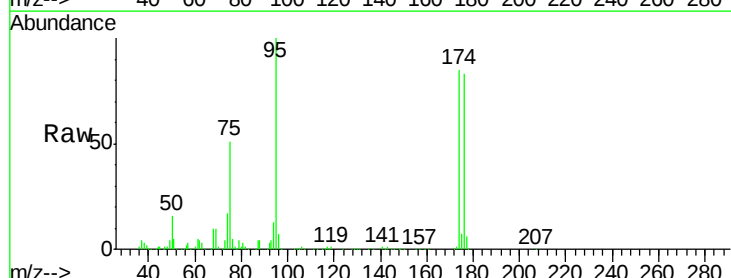
Manual Integrations
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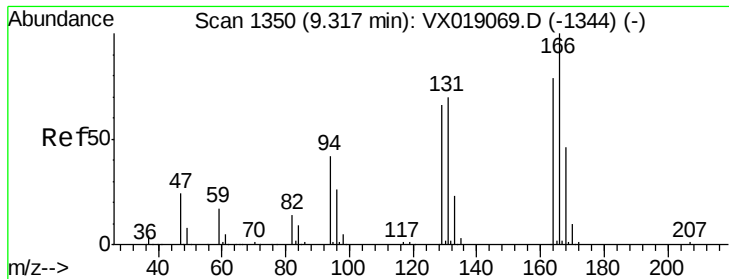
MMDadoda
10/26/2020 2:27:46 PM



#60
4-Bromofluorobenzene
Concen: 30.152 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	95	Resp	96788
Ion	Ratio	Lower	Upper
95	100		
174	81.4	66.3	99.5
176	79.9	65.5	98.3





#61

Tetrachloroethene

Concen: 2.495 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:164 Resp: 6331

Ion Ratio Lower Upper

164 100

166 141.0 101.9 152.9

129 96.2 67.0 100.6

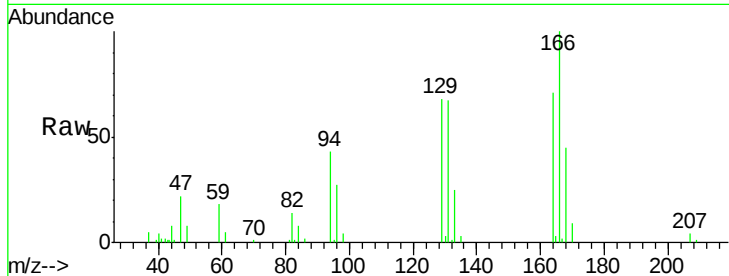
131 95.1 71.1 106.7

Manual Integrations

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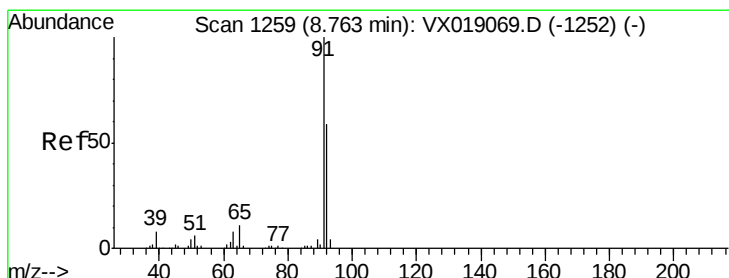
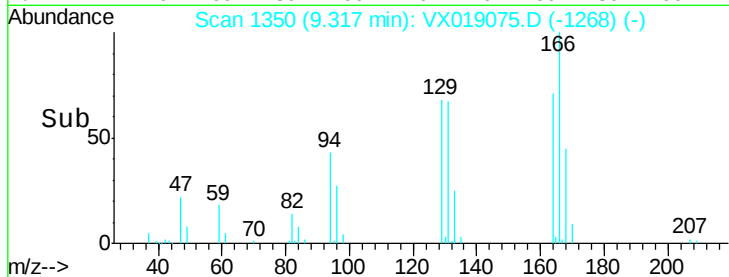
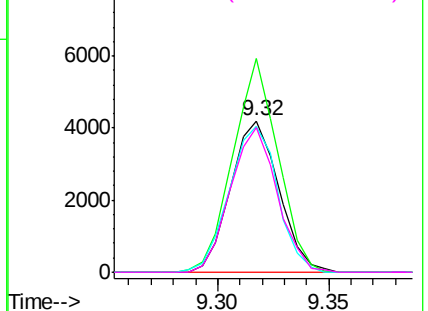


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 2.535 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019075.D

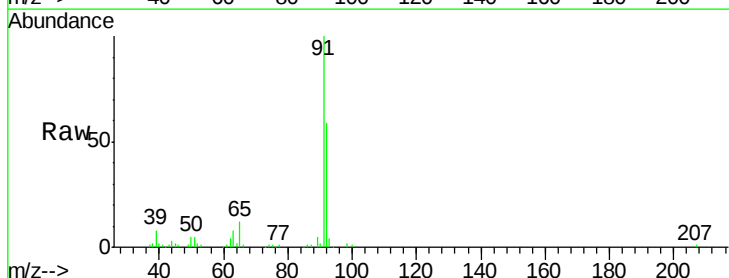
Acq: 23 Oct 2020 13:18

Tgt Ion: 91 Resp: 28498

Ion Ratio Lower Upper

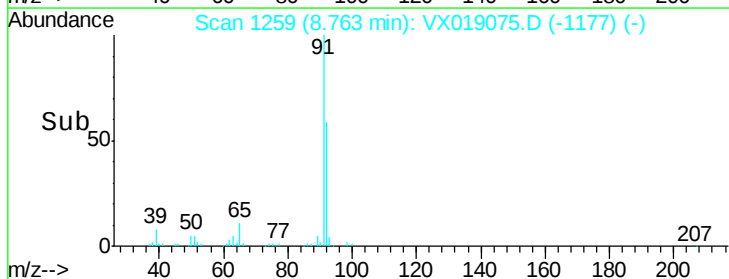
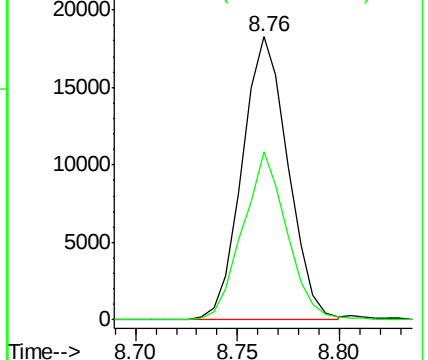
91 100

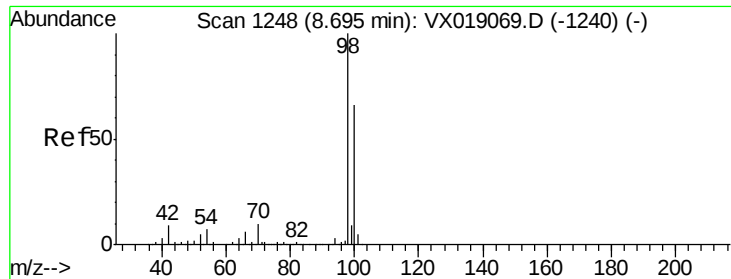
92 57.4 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





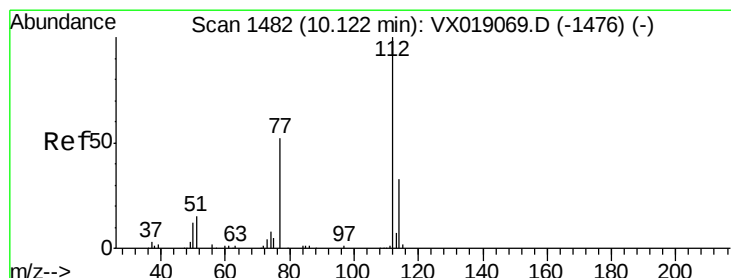
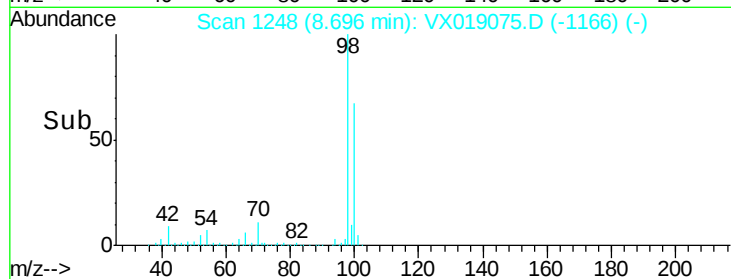
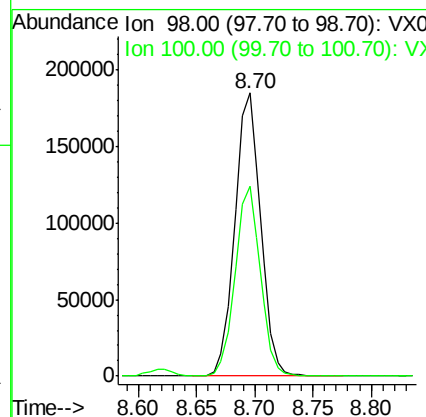
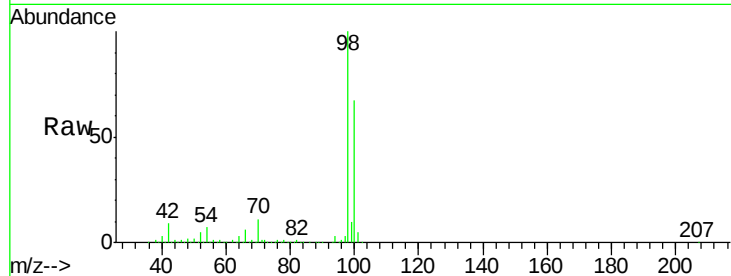
#63
Toluene-d8
Concen: 30.263 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 98 Resp: 285765
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

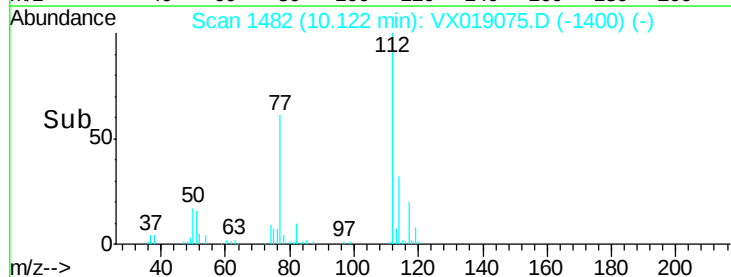
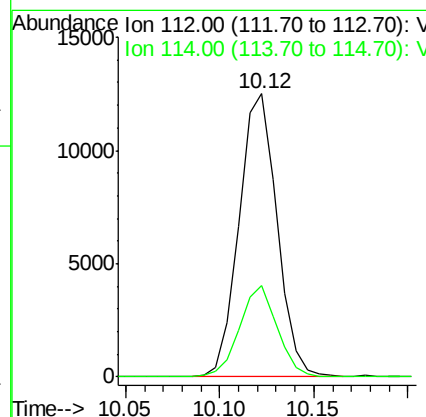
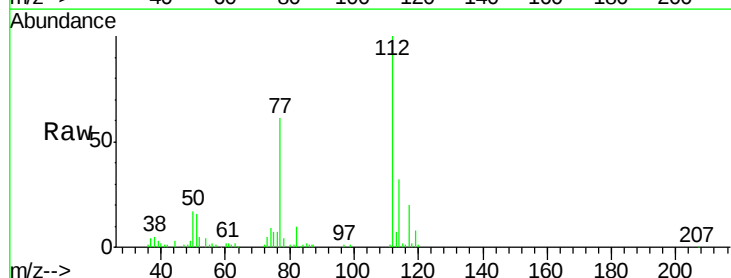
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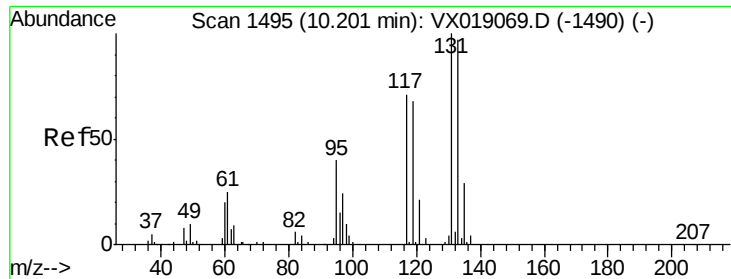
MMDadoda
10/26/2020 2:27:46 PM



#64
Chlorobenzene
Concen: 2.498 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion: 112 Resp: 17457
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 2.386 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

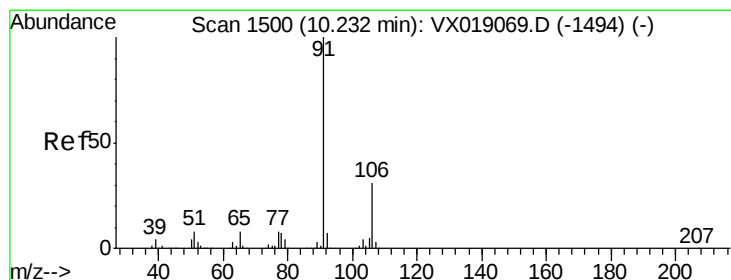
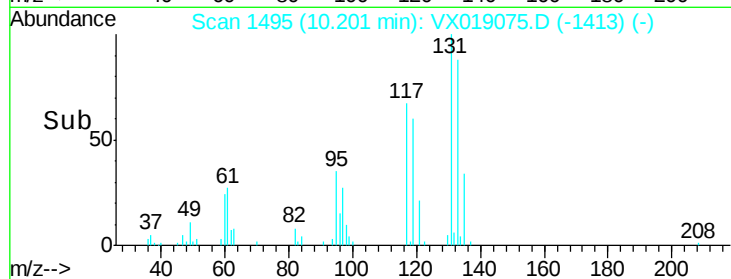
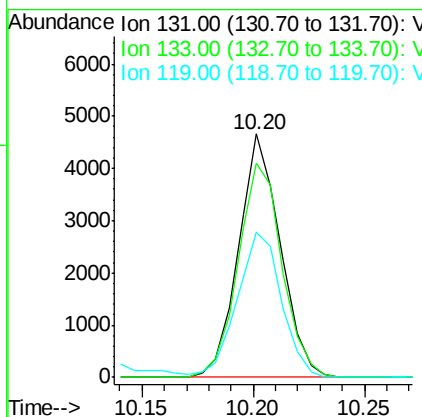
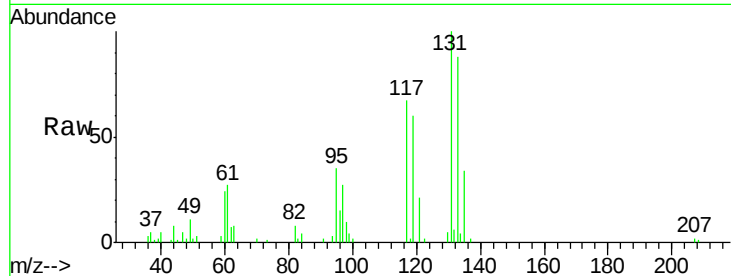
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	131	Resp:	6064
Ion	Ratio	Lower	Upper
131	100		
133	93.0	0.0	191.6
119	63.6	0.0	130.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 2.446 ug/l

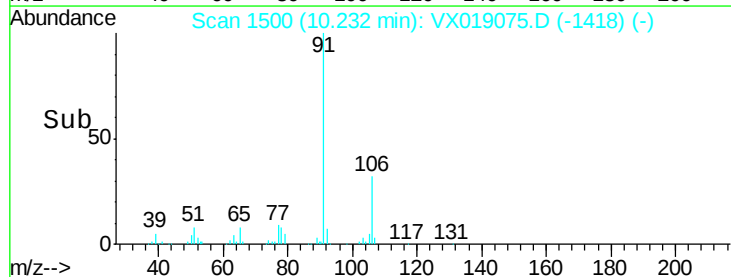
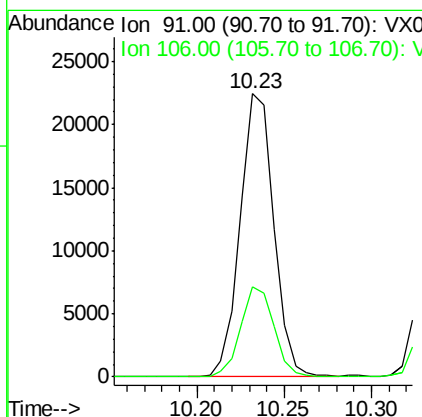
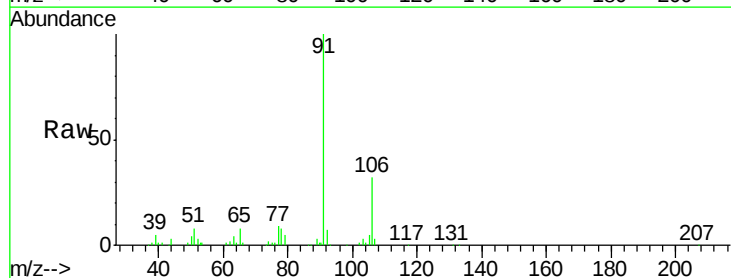
RT: 10.23 min Scan# 1500

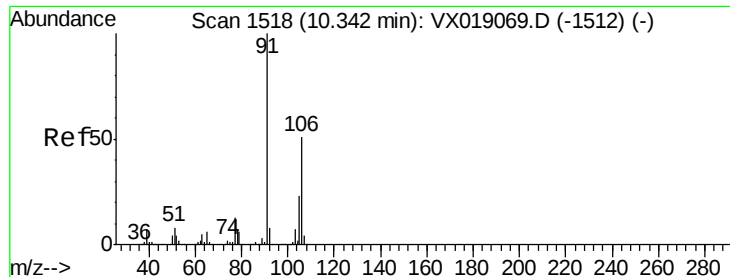
Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tgt Ion:	91	Resp:	30147
Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.7	37.1





#67

m/p-Xylenes

Concen: 4.918 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:106 Resp: 23111

Ion Ratio Lower Upper

106 100

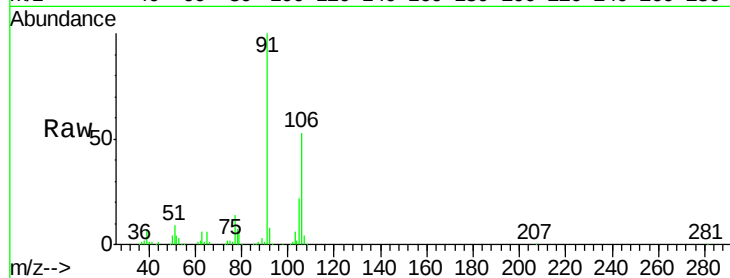
91 195.2 157.5 236.3

Manual Integrations

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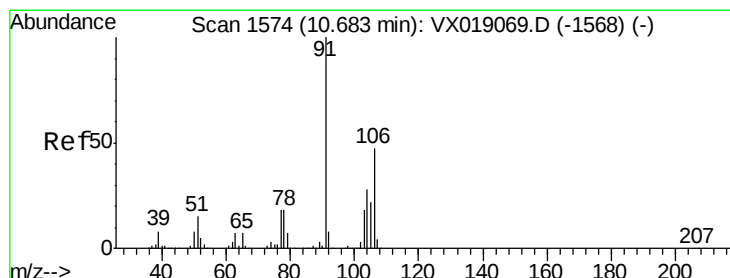
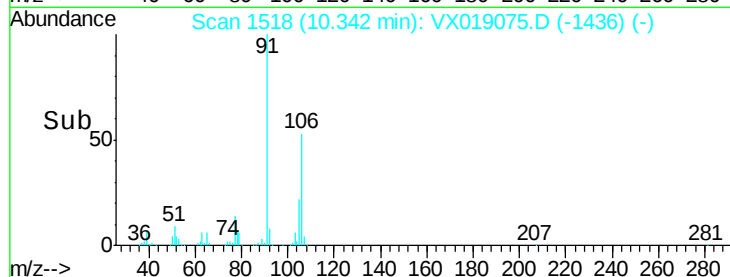
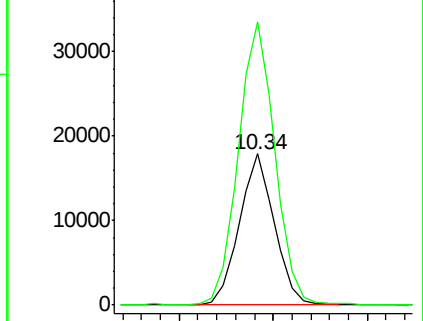
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.445 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019075.D

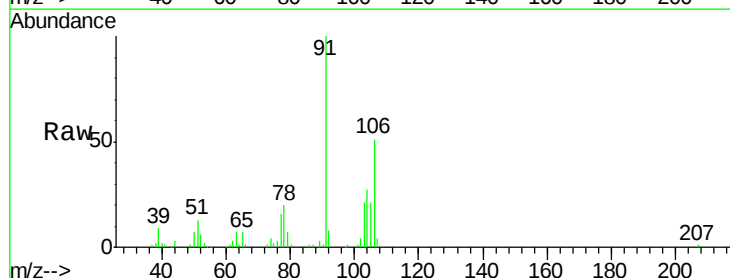
Acq: 23 Oct 2020 13:18

Tgt Ion:106 Resp: 10961

Ion Ratio Lower Upper

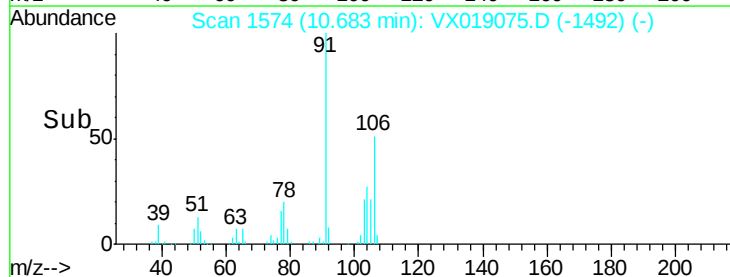
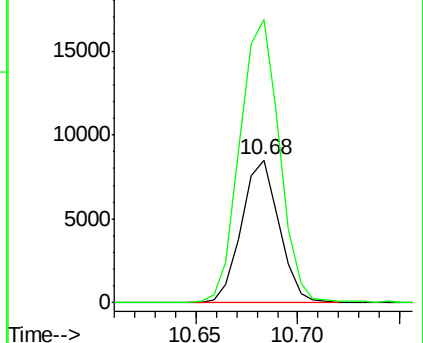
106 100

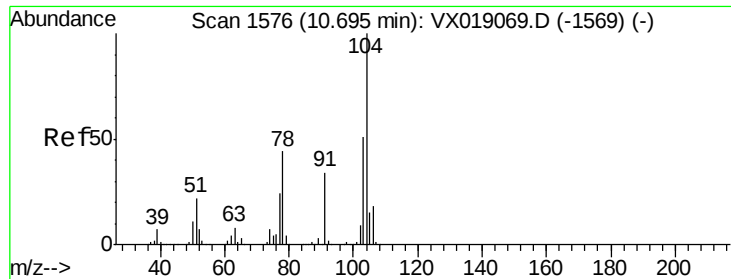
91 207.7 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





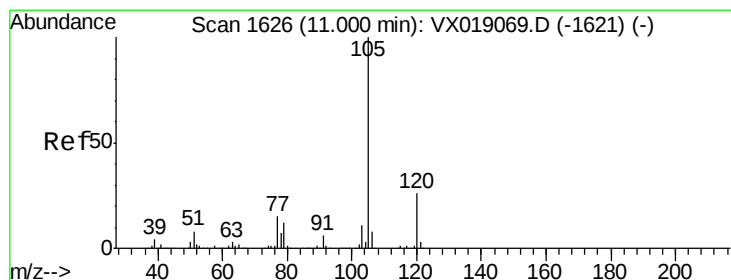
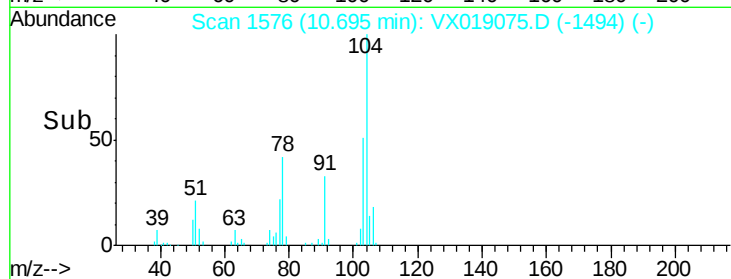
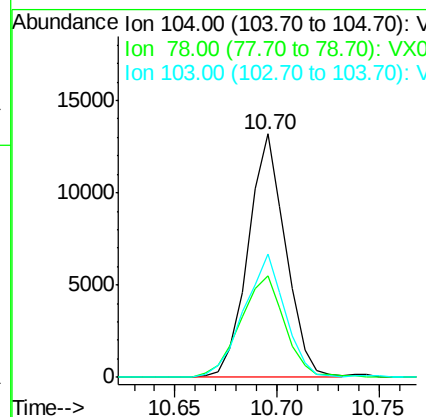
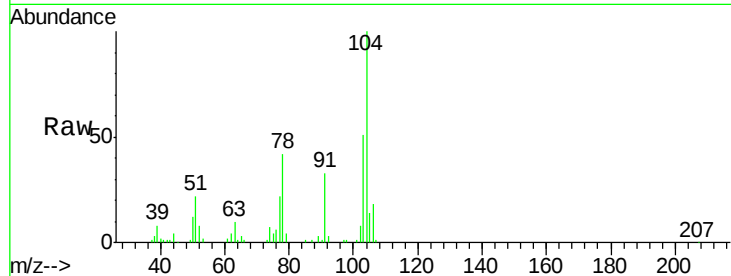
#69
Stvrene
Concen: 2.238 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	16901		
78	49.2		38.6	58.0
103	55.3		43.4	65.2

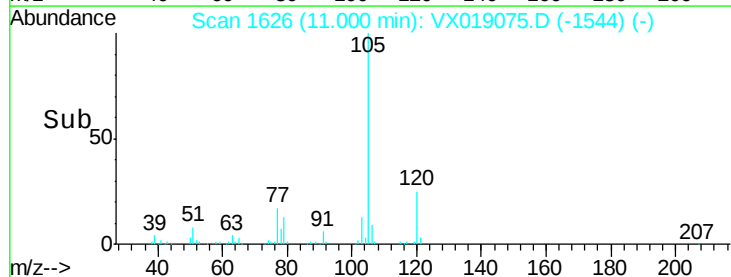
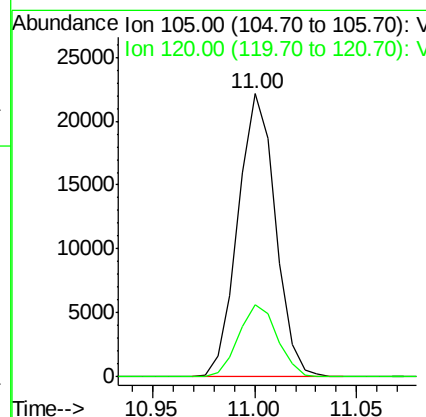
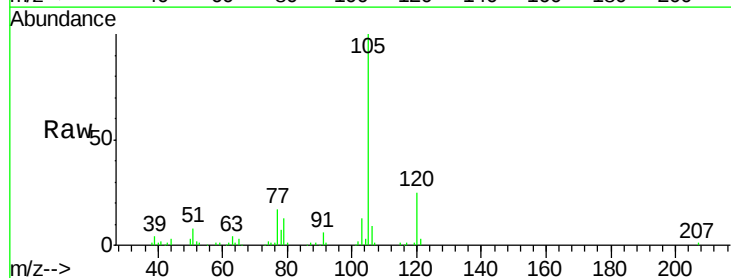
Manual Integrations
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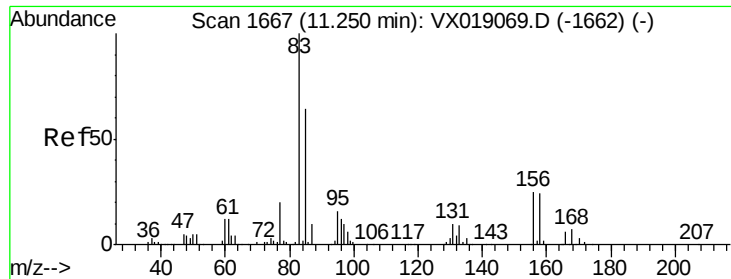
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#70
Isopropylbenzene
Concen: 2.339 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28192		
120	26.3		19.0	35.4





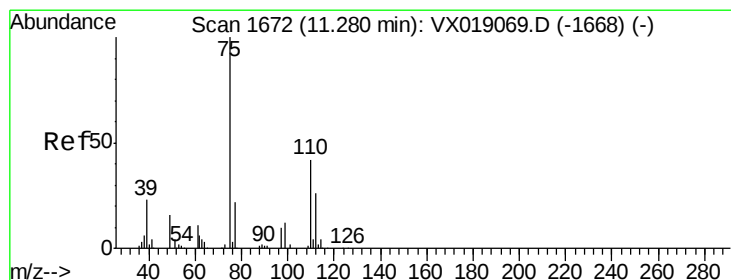
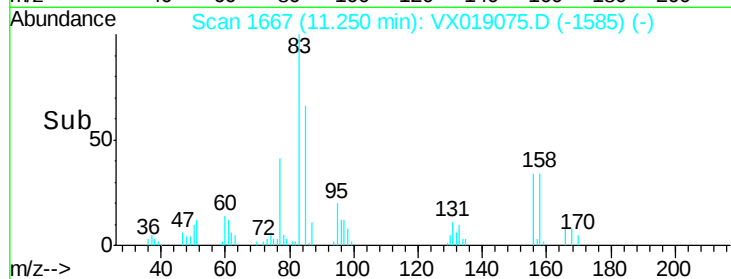
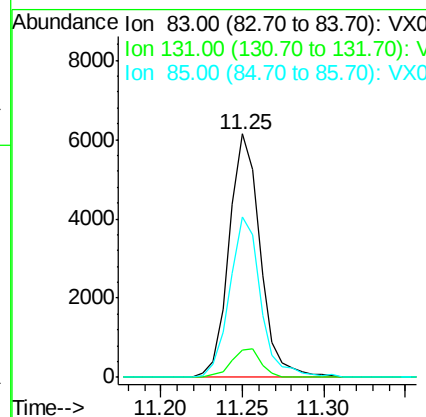
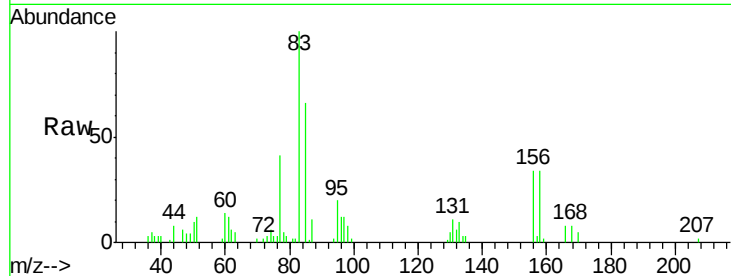
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.351 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.2	15.6
85	65.7	32.5	97.4

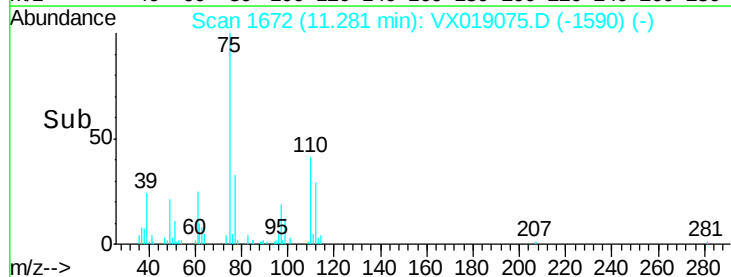
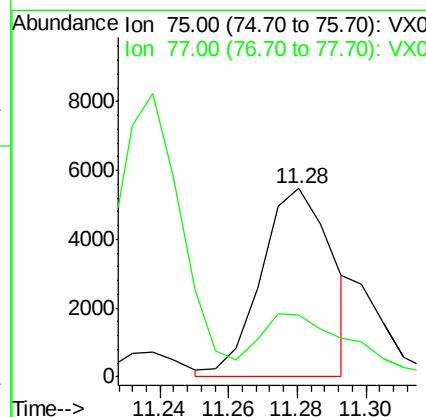
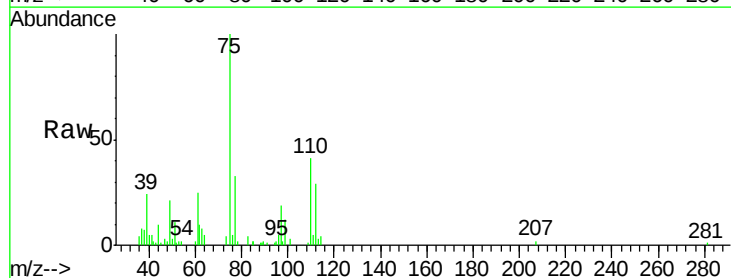
Manual Integrations
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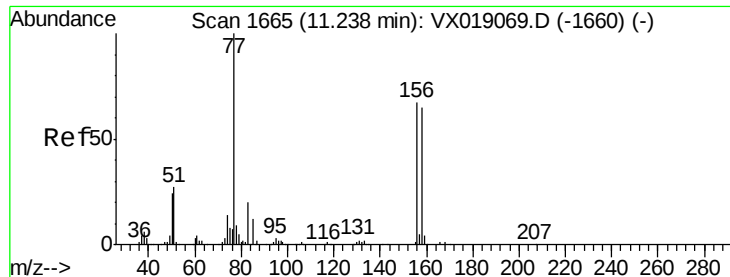
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#72
 1,2,3-Trichloropropane
 Concen: 2.514 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.9	0.0	81.8





#73

Bromobenzene

Concen: 2.460 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

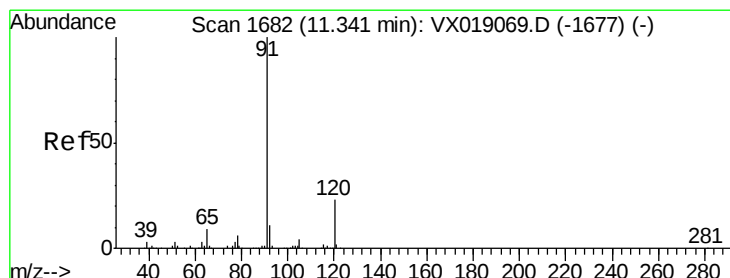
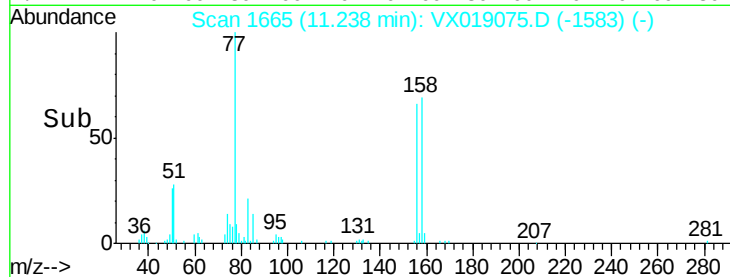
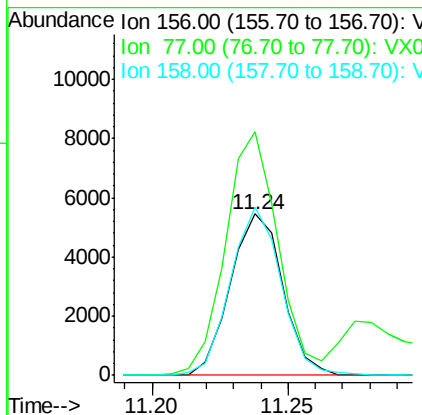
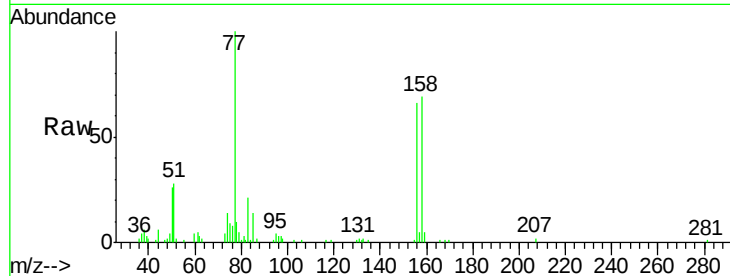
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	156	Resp:	7245
Ion Ratio	Lower	Upper	
156	100		
77	152.2	0.0	299.6
158	101.2	0.0	192.2

Manual Integrations
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MMDadoda
10/26/2020 2:27:46 PM



#74

n-propylbenzene

Concen: 2.440 ug/l

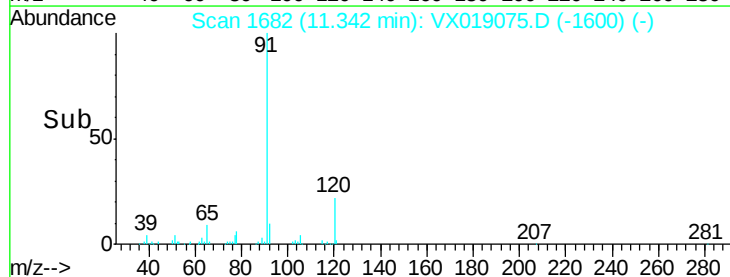
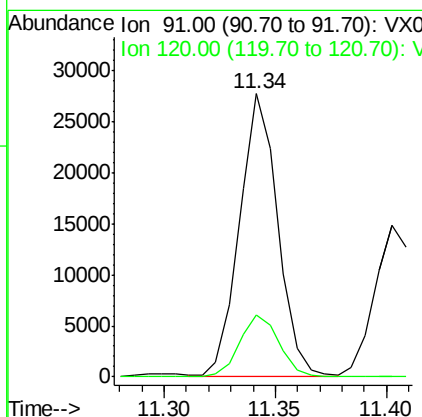
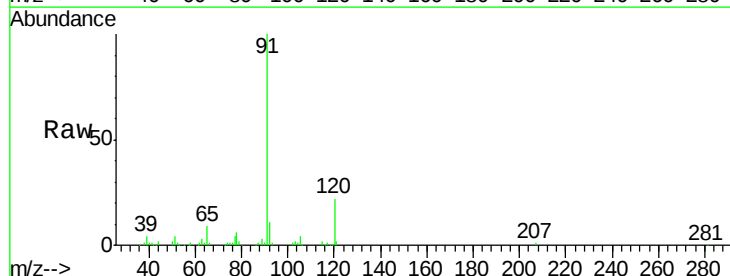
RT: 11.34 min Scan# 1682

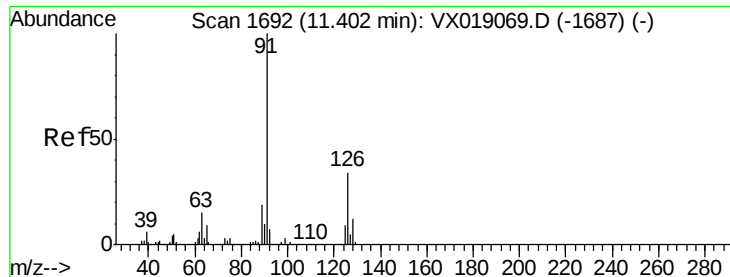
Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tgt Ion:	91	Resp:	33296
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	46.6





#75

2-Chlorotoluene

Concen: 2.441 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 18839

Ion Ratio Lower Upper

91 100

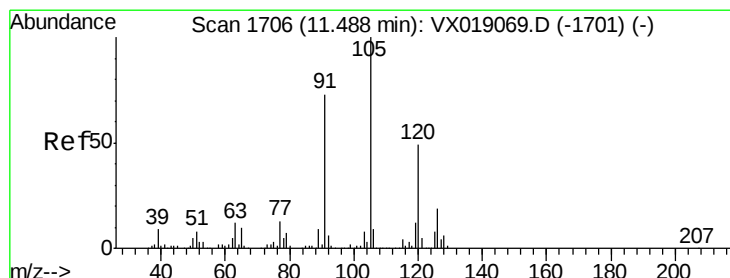
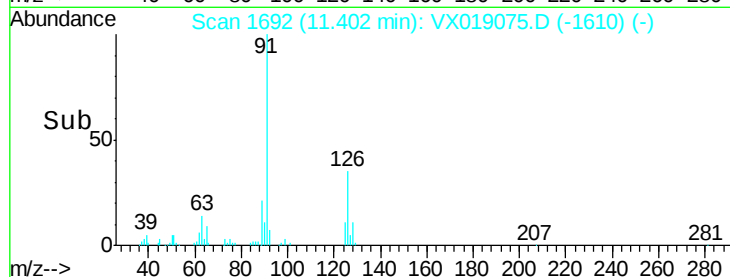
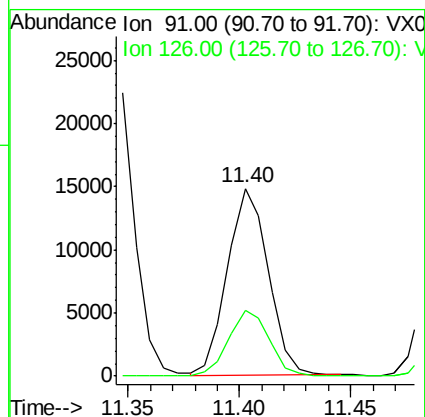
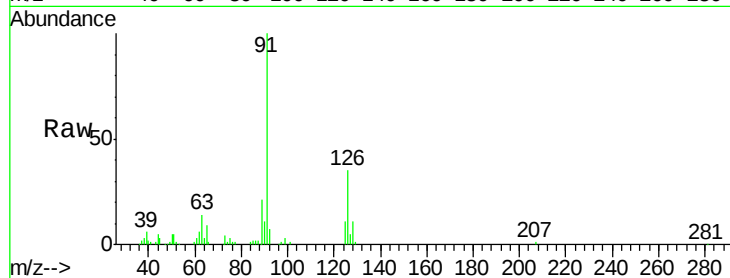
126 34.9 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 2.396 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019075.D

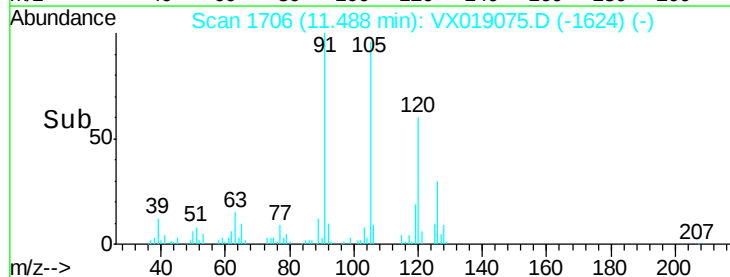
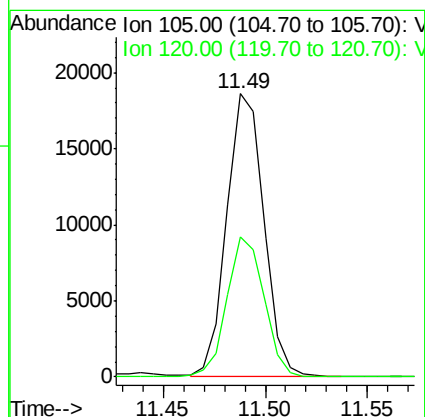
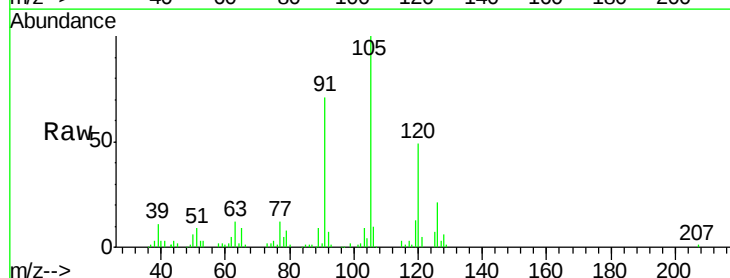
Acq: 23 Oct 2020 13:18

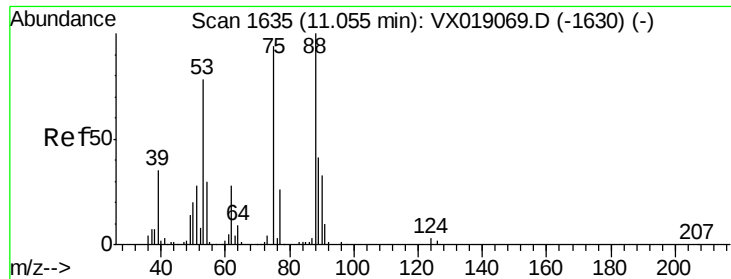
Tgt Ion: 105 Resp: 23430

Ion Ratio Lower Upper

105 100

120 49.5 0.0 100.2





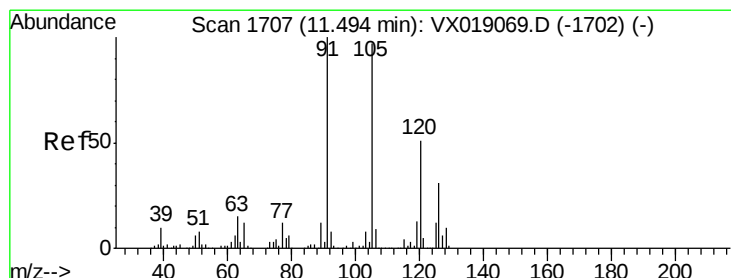
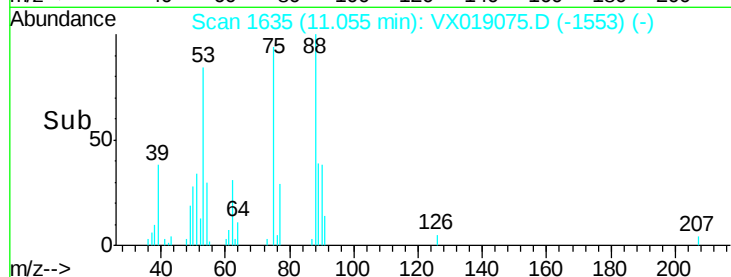
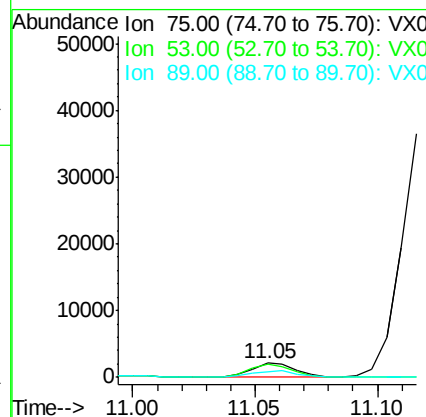
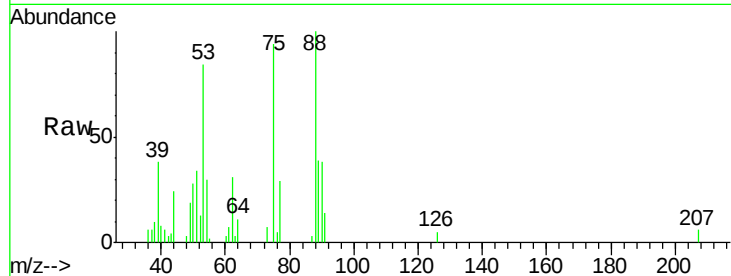
#77
t-1,4-Dichloro-2-butene
Concen: 2.225 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.8	41.6	124.8
89	41.2	21.8	65.3

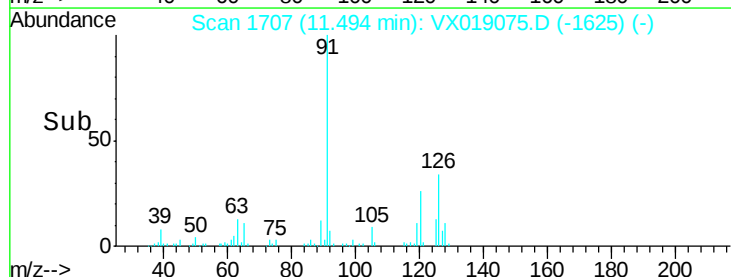
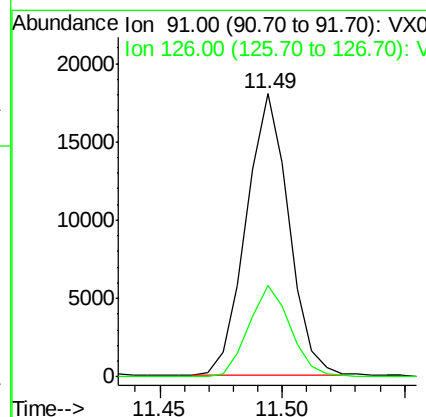
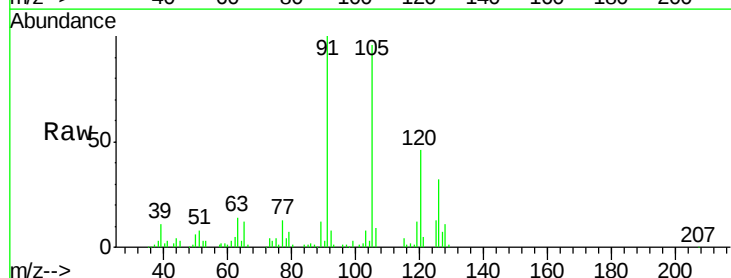
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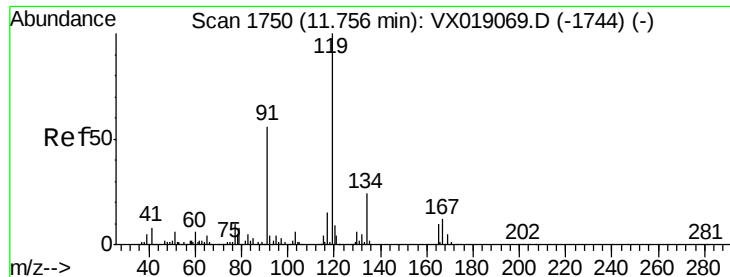
MMDadoda
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#78
4-Chlorotoluene
Concen: 2.410 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	61.2





#79

tert-butylbenzene

Concen: 2.344 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Instrument :

MSVOA_X

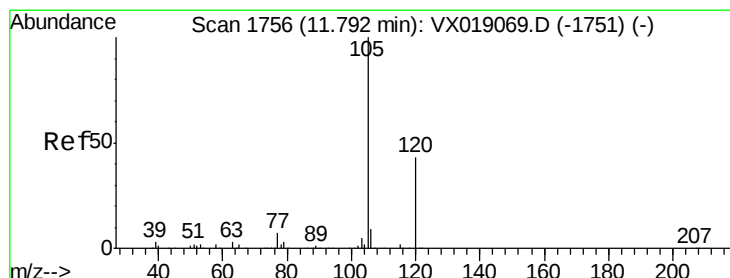
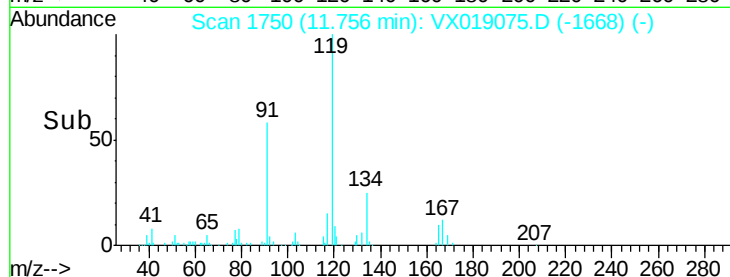
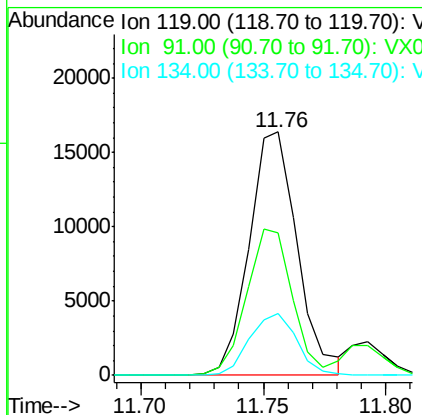
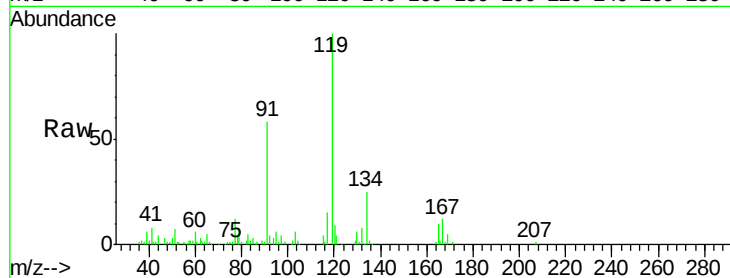
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:	119	Resp:	22577
Ion Ratio	Lower	Upper	
119	100		
91	57.1	0.0	111.4
134	24.7	0.0	47.2

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#80

1,2,4-Trimethylbenzene

Concen: 2.402 ug/l

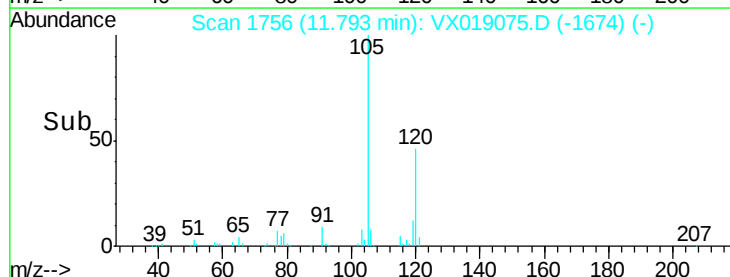
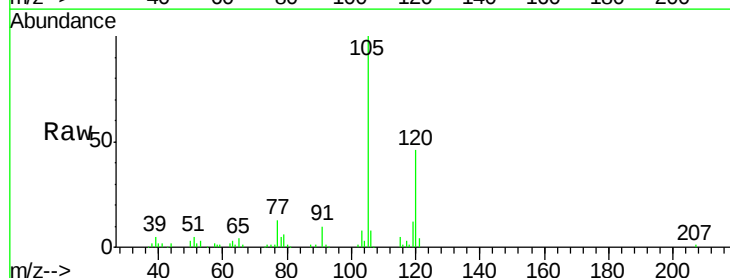
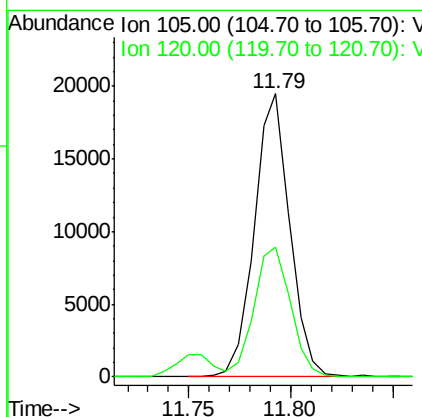
RT: 11.79 min Scan# 1756

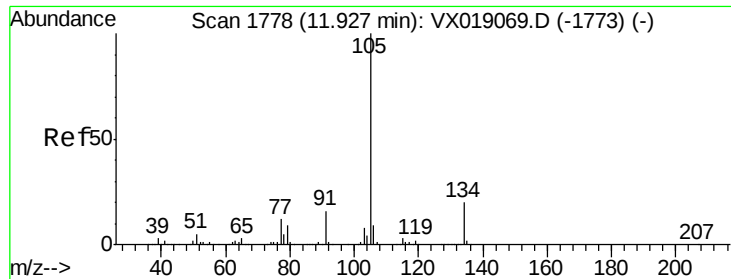
Delta R.T. 0.00 min

Lab File: VX019075.D

Acq: 23 Oct 2020 13:18

Tgt Ion:	105	Resp:	23348
Ion Ratio	Lower	Upper	
105	100		
120	47.9	0.0	92.0





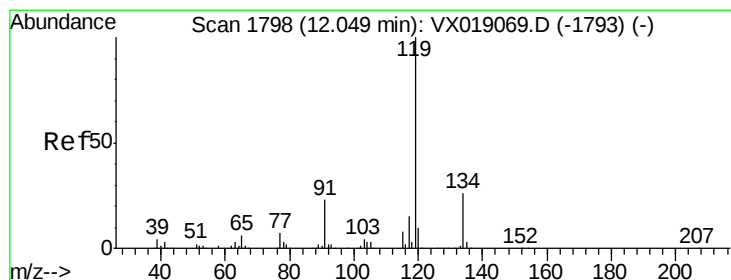
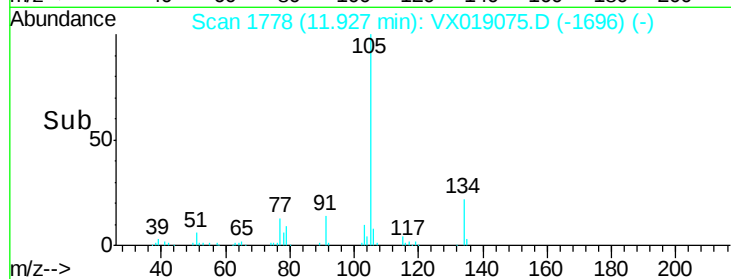
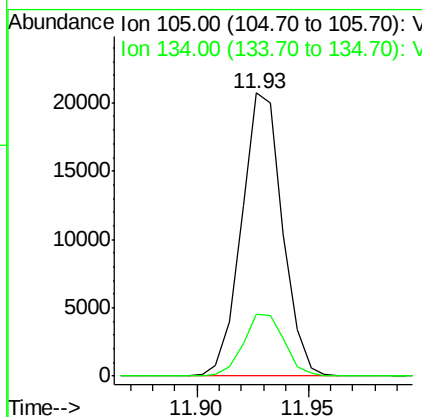
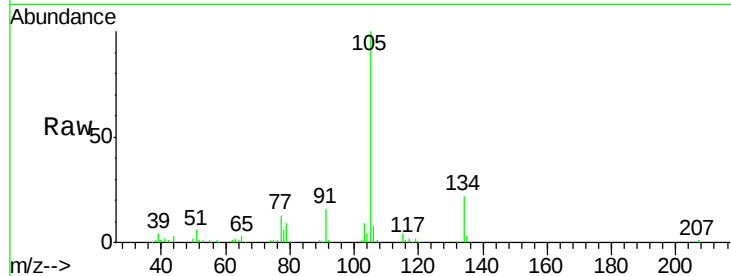
#81
 sec-Butylbenzene
 Concen: 2.324 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	26482		
134	21.9	0.0	40.8	

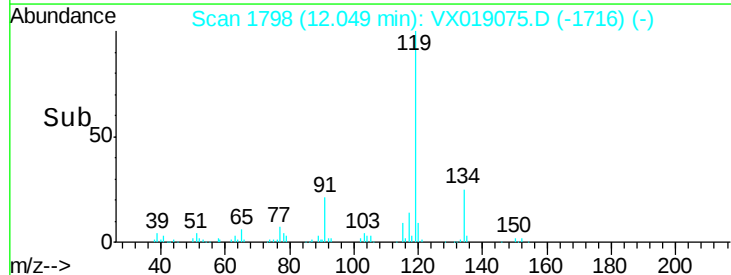
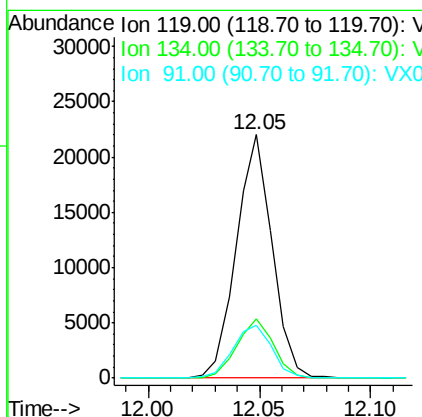
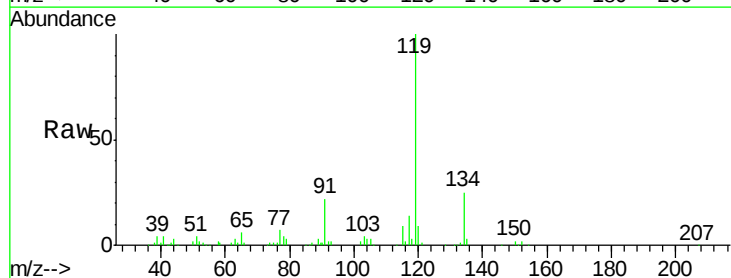
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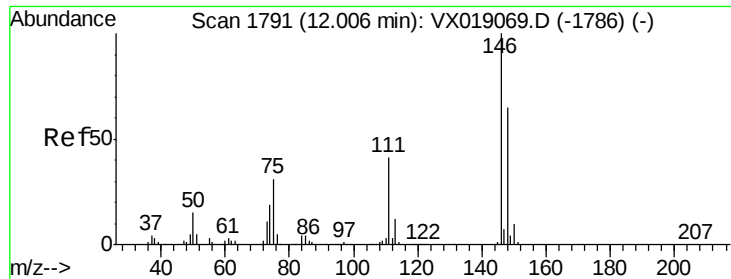
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#82
 p-Isopropyltoluene
 Concen: 2.346 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	24636		
134	25.2	0.0	52.0	
91	23.8	0.0	45.6	





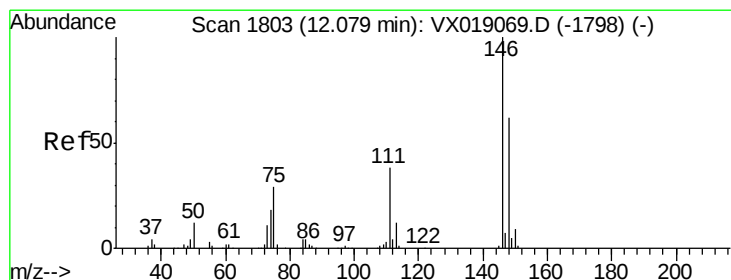
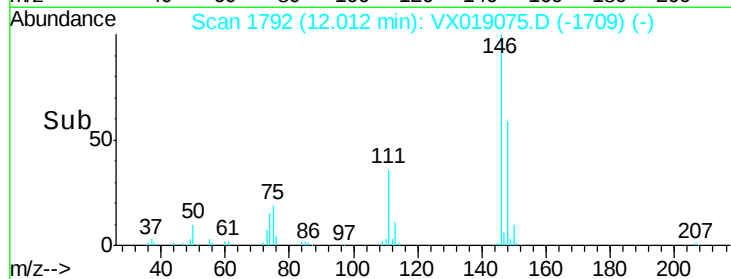
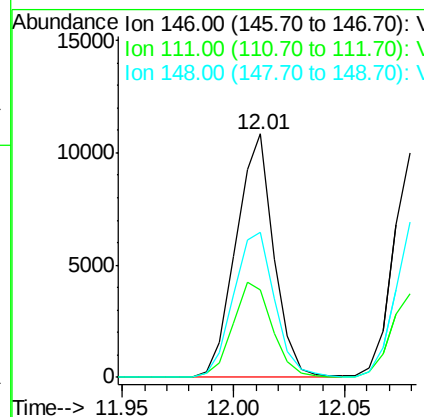
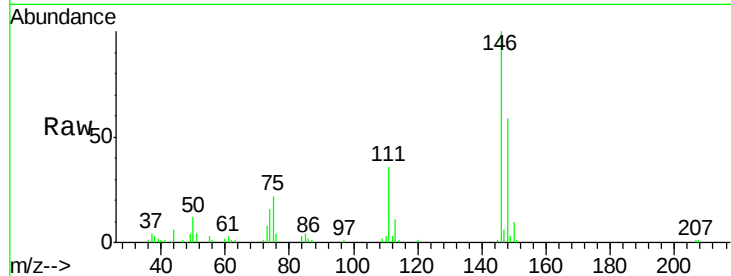
#83
 1,3-Dichlorobenzene
 Concen: 2.429 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	65.2	32.2	96.6

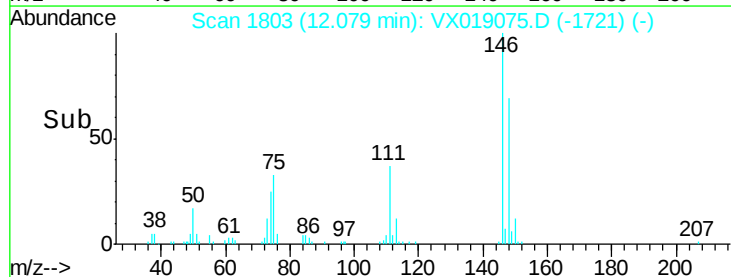
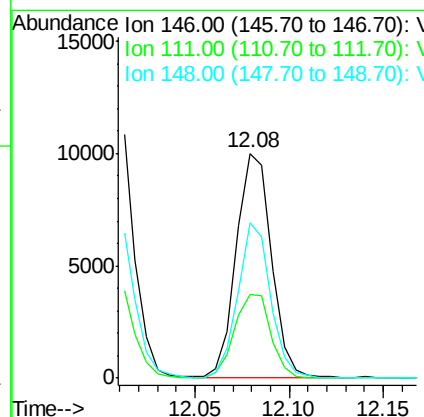
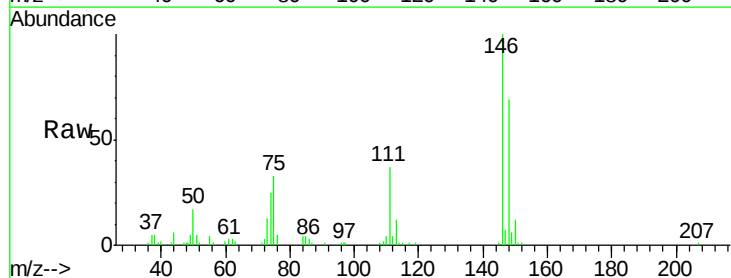
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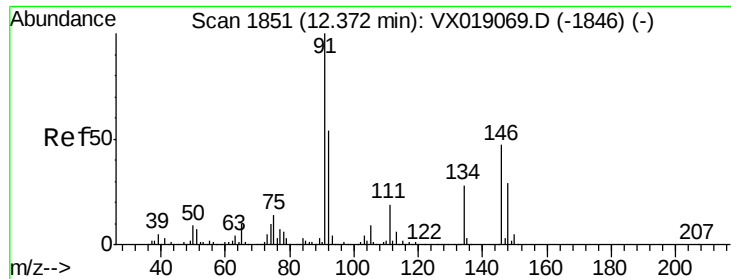
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#84
 1,4-Dichlorobenzene
 Concen: 2.441 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	64.0	31.6	95.0





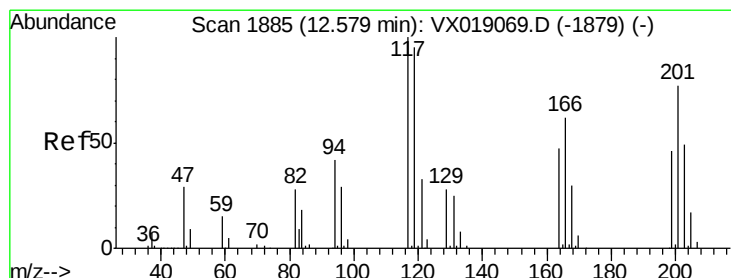
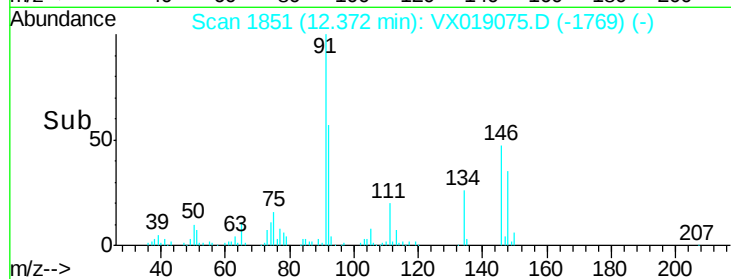
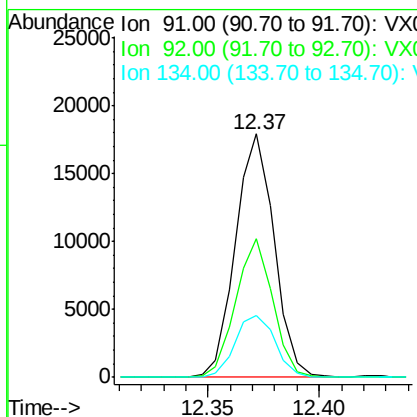
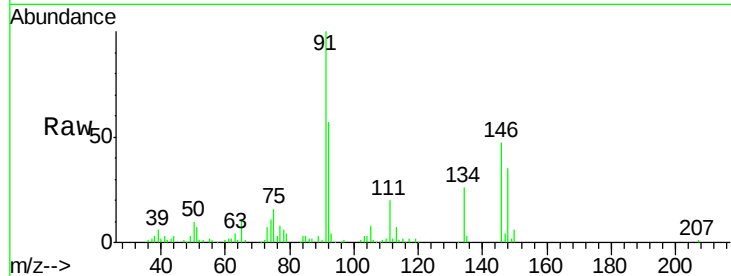
#85
n-Butylbenzene
Concen: 2.308 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		21704		
92	54.5	0.0	107.4		
134	26.4	0.0	54.6		

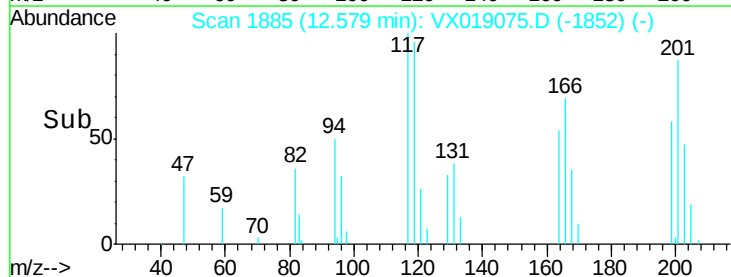
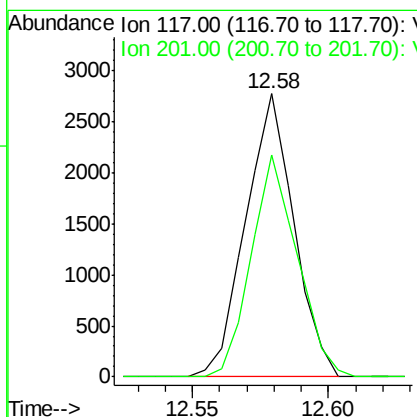
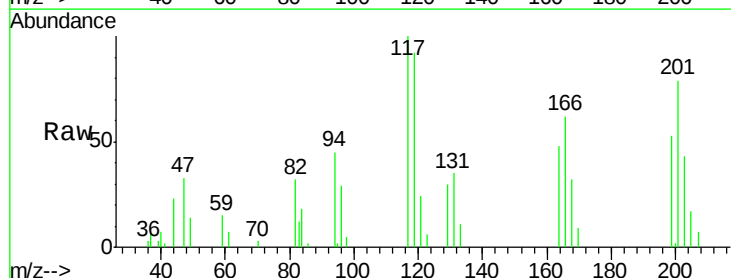
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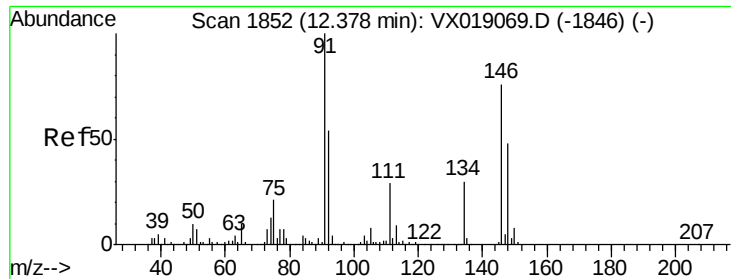
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#86
Hexachloroethane
Concen: 2.113 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		3409		
201	74.9	38.4	115.1		





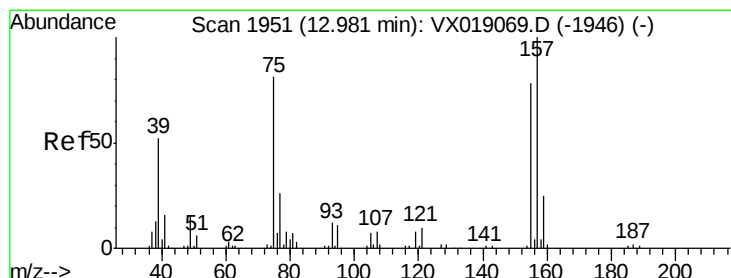
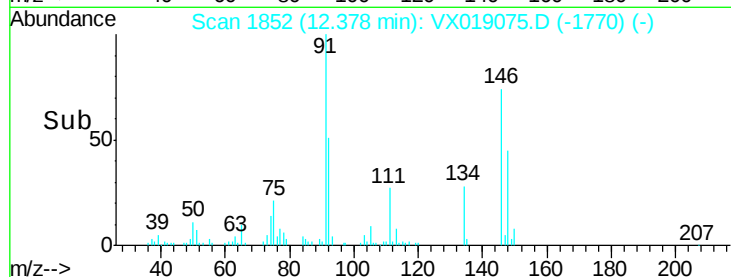
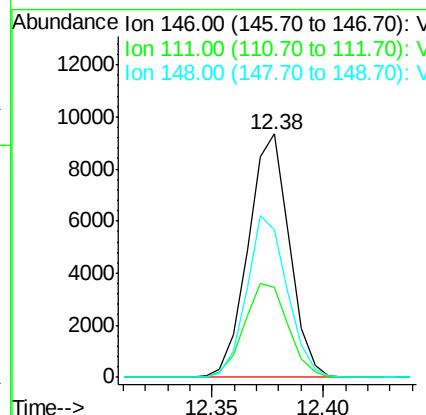
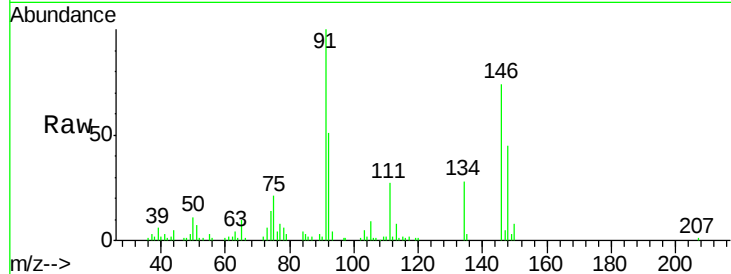
#87
 1,2-Dichlorobenzene
 Concen: 2.391 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	65.3	32.1	96.5

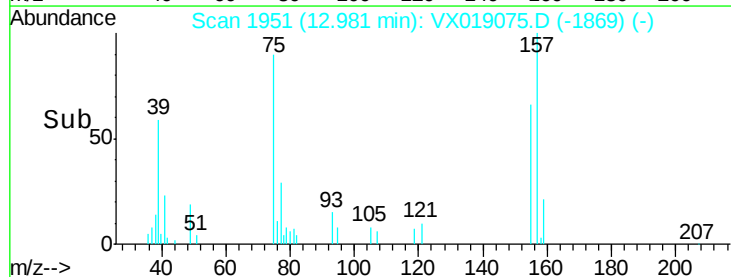
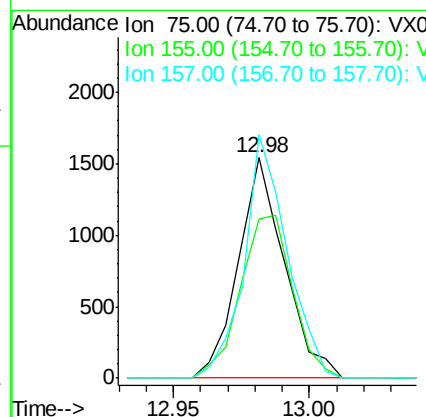
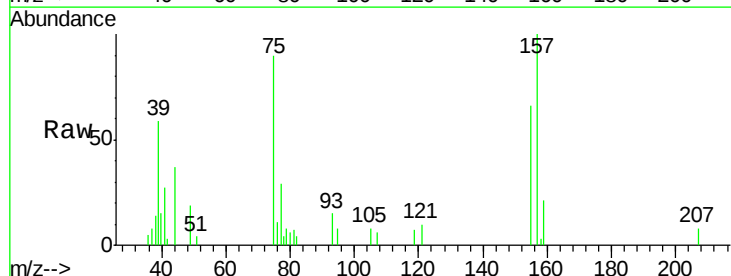
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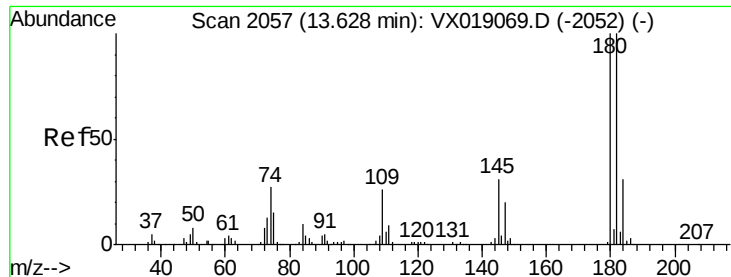
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.305 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019075.D
 Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	73.7	110.5
157	102.6	96.5	144.7





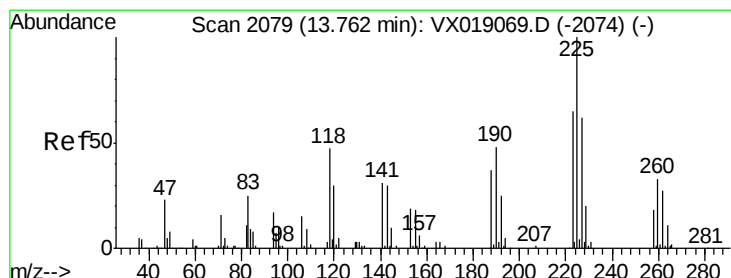
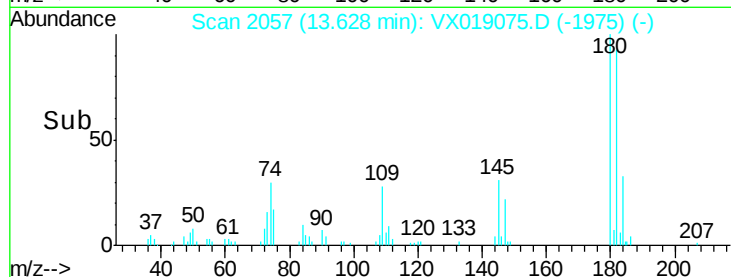
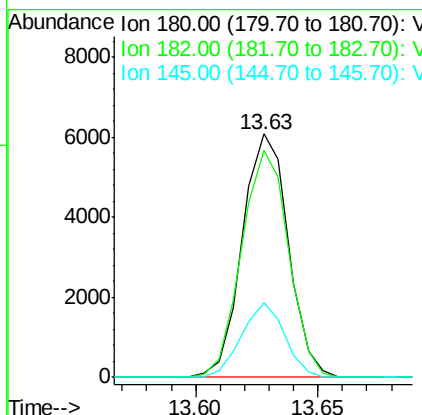
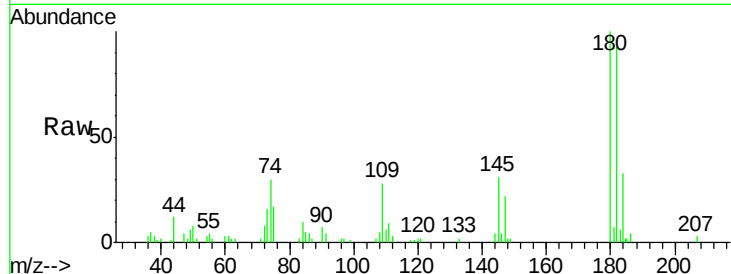
#89
1,2,4-Trichlorobenzene
Concen: 2.187 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.5	114.7
145	28.7	24.2	36.4

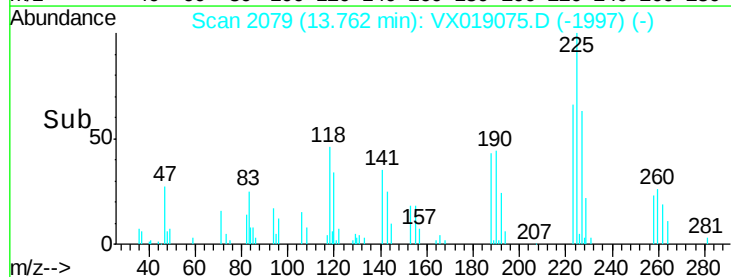
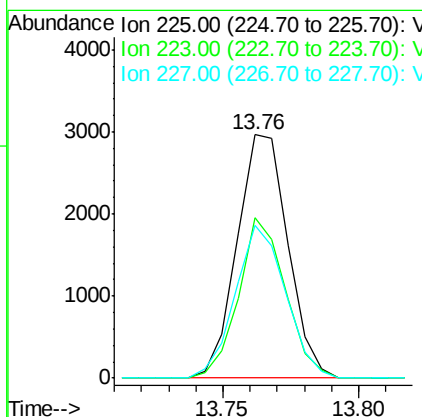
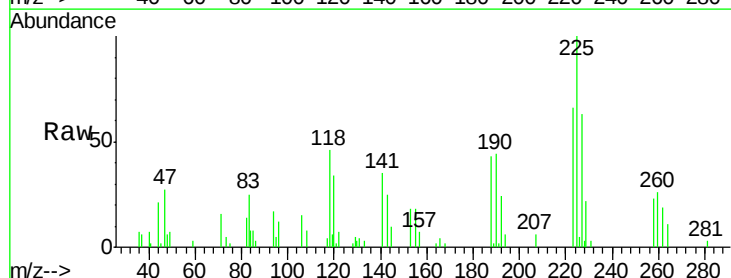
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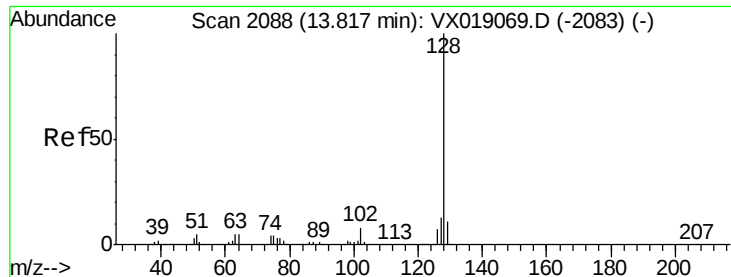
MMDadoda
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#90
Hexachlorobutadiene
Concen: 2.498 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	0.0	130.0
227	62.2	0.0	128.6





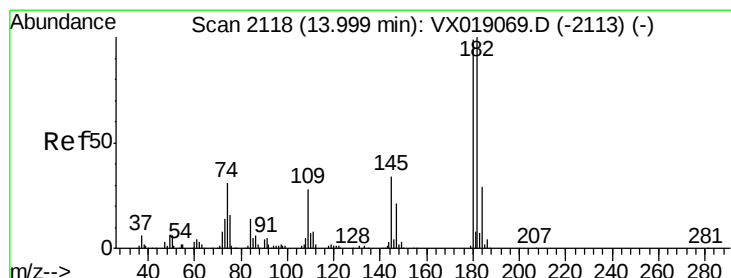
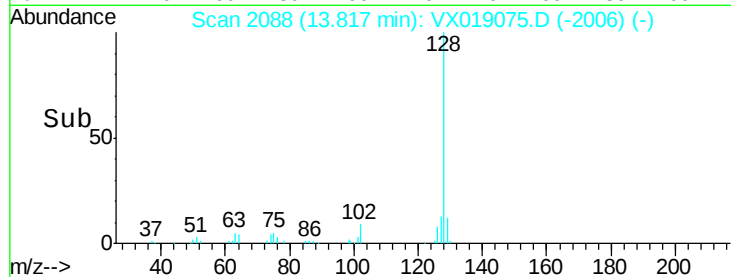
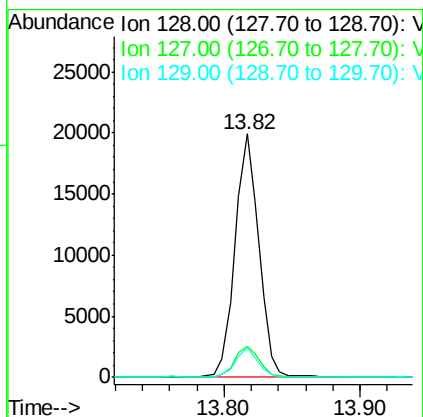
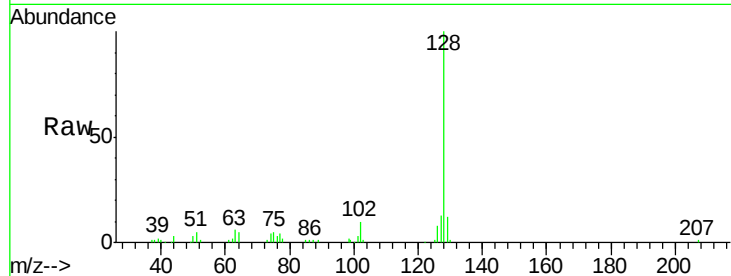
#91
Naphthalene
Concen: 2.052 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.5	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
10/26/2020 2:27:46 PM



#92
1,2,3-Trichlorobenzene
Concen: 2.094 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019075.D
Acq: 23 Oct 2020 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	192.4
145	37.6	0.0	64.6

