

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016629.D
 Acq On : 08 Jun 2020 11:30
 Operator : JC/SP
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:15 AM

Quant Time: Jun 09 05:50:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	353768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	136815	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	109700	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	425235	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	161420	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	39481	16.718	ug/l 94
3) Chloromethane	1.32	50	45068	15.792	ug/l 100
4) Vinyl Chloride	1.39	62	48671	16.127	ug/l 96
5) Bromomethane	1.63	94	33292	22.688	ug/l 97
6) Chloroethane	1.71	64	31352	17.809	ug/l 100
7) Trichlorofluoromethane	1.92	101	76153	19.214	ug/l 99
8) Diethyl Ether	2.17	74	28620	17.317	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42505	19.485	ug/l 96
10) Methyl Iodide	2.49	142	39300	17.213	ug/l 100
11) Tert butyl alcohol	3.01	59	62899	82.309	ug/l 99
12) 1,1-Dichloroethene	2.36	96	41849	18.124	ug/l 96
13) Acrolein	2.27	56	31327	96.369	ug/l 95
14) Allyl chloride	2.70	41	67404	15.873	ug/l 97
15) Acrylonitrile	3.11	53	126065	80.533	ug/l 99
16) Acetone	2.42	43	108129	82.817	ug/l 100
17) Carbon Disulfide	2.55	76	109318	15.943	ug/l 99
18) Methyl Acetate	2.75	43	57328	17.119	ug/l 95
19) Methyl tert-butyl Ether	3.17	73	147295	17.765	ug/l 98
20) Methylene Chloride	2.84	84	47298	17.509	ug/l 92
21) trans-1,2-Dichloroethene	3.14	96	44530	17.435	ug/l 95
22) Diisopropyl ether	3.82	45	134115	16.441	ug/l 95
23) Vinyl Acetate	3.78	43	574523	80.463	ug/l 98
24) 1,1-Dichloroethane	3.67	63	80395	17.461	ug/l 99
25) 2-Butanone	4.64	43	171622	77.574	ug/l 93
26) 2,2-Dichloropropane	4.55	77	76805	20.386	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	52130	17.643	ug/l 98
28) Bromochloromethane	4.98	49	34705	16.221	ug/l 85
29) Tetrahydrofuran	5.09	42	111399	77.940	ug/l 94
30) Chloroform	5.18	83	84672	18.251	ug/l 98
31) Cyclohexane	5.55	56	65385	15.785	ug/l 96
32) 1,1,1-Trichloroethane	5.46	97	79894	19.022	ug/l 98
36) 1,1-Dichloropropene	5.76	75	60688	18.118	ug/l 99
37) Ethyl Acetate	4.79	43	64804	16.115	ug/l 97
38) Carbon Tetrachloride	5.75	117	69833	19.839	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	66951	18.403	ug/l	98
40) Benzene	6.11	78	183719	18.419	ug/l	100
41) Methacrylonitrile	4.99	41	36253	16.412	ug/l	97
42) 1,2-Dichloroethane	6.16	62	67009	18.890	ug/l	100
43) Isopropyl Acetate	6.41	43	101842	16.236	ug/l	97
44) Trichloroethene	7.19	130	62658	19.799	ug/l	93
45) 1,2-Dichloropropane	7.49	63	45519	17.926	ug/l	99
46) Dibromomethane	7.64	93	32191	18.874	ug/l	98
47) Bromodichloromethane	7.87	83	67608	19.144	ug/l	100
48) Methyl methacrylate	7.74	41	48222	16.056	ug/l	95
49) 1,4-Dioxane	7.71	88	25561	363.674	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	327888	83.951	ug/l	97
52) Toluene	8.76	92	118525	18.843	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	76079	18.945	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	80430	18.922	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47642	19.050	ug/l	97
56) Ethyl methacrylate	9.16	69	71025	17.438	ug/l	97
57) 1,3-Dichloropropane	9.35	76	80830	18.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	184058	86.577	ug/l	95
59) 2-Hexanone	9.47	43	253625	83.503	ug/l	97
60) Dibromochloromethane	9.57	129	56247	19.985	ug/l	98
61) 1,2-Dibromoethane	9.65	107	51751	19.324	ug/l	99
64) Tetrachloroethene	9.32	164	74460	20.122	ug/l	99
65) Chlorobenzene	10.12	112	128962	19.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51477	19.999	ug/l	99
67) Ethyl Benzene	10.24	91	221870	18.481	ug/l	99
68) m/p-Xylenes	10.34	106	168937	37.952	ug/l	98
69) o-Xylene	10.68	106	80900	18.766	ug/l	99
70) Styrene	10.70	104	139770	18.863	ug/l	99
71) Bromoform	10.84	173	43160	19.840	ug/l #	97
73) Isopropylbenzene	11.00	105	219647	18.868	ug/l	100
74) N-amyl acetate	10.88	43	84933	15.861	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	50222	17.214	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	68098m	18.440	ug/l	
77) Bromobenzene	11.24	156	57714	18.902	ug/l	96
78) n-propylbenzene	11.34	91	239951	18.449	ug/l	99
79) 2-Chlorotoluene	11.40	91	148819	18.746	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	187650	19.305	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	26196	17.449	ug/l	97
82) 4-Chlorotoluene	11.49	91	177083	18.889	ug/l	99
83) tert-Butylbenzene	11.76	119	160580	19.334	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	187987	19.123	ug/l	100
85) sec-Butylbenzene	11.93	105	200473	19.241	ug/l	100
86) p-Isopropyltoluene	12.05	119	191131	19.583	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101746	19.234	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	102051	18.863	ug/l	98
89) n-Butylbenzene	12.37	91	155657	19.148	ug/l	99
90) Hexachloroethane	12.58	117	33282	19.742	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	99830	19.479	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16397	17.351	ug/l	98

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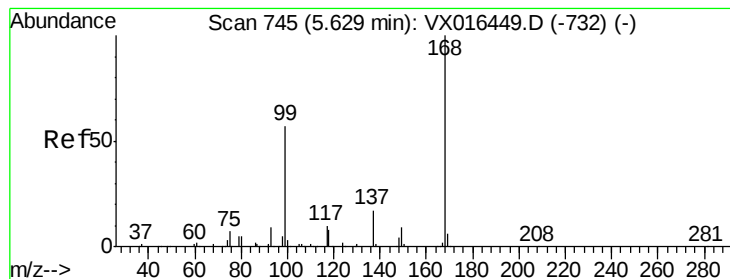
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68673	20.176	ug/l	98
94) Hexachlorobutadiene	13.77	225	31530	23.594	ug/l	97
95) Naphthalene	13.82	128	213390	18.288	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	66611	19.976	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion:168 Resp: 239967

Ion Ratio Lower Upper

168 100

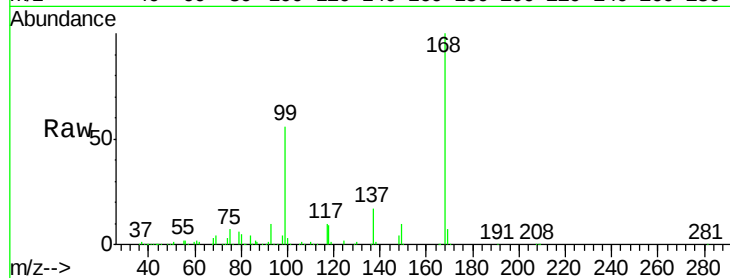
99 55.9 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

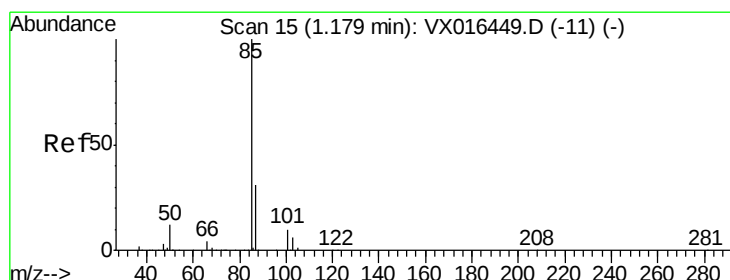
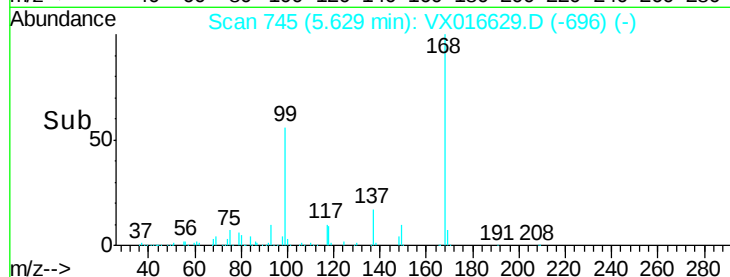
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.718 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016629.D

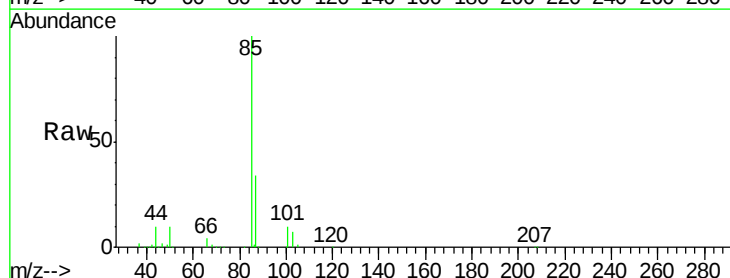
Acq: 08 Jun 2020 11:30

Tgt Ion: 85 Resp: 39481

Ion Ratio Lower Upper

85 100

87 34.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

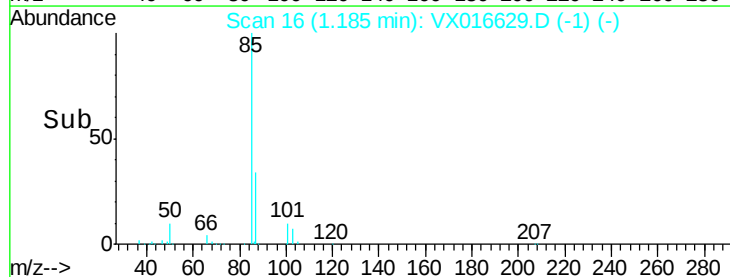
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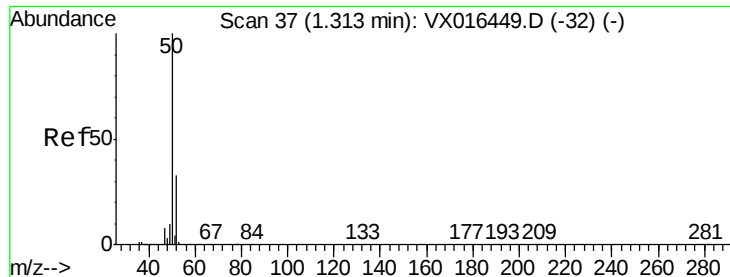
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.792 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion: 50 Resp: 45068

Ion Ratio Lower Upper

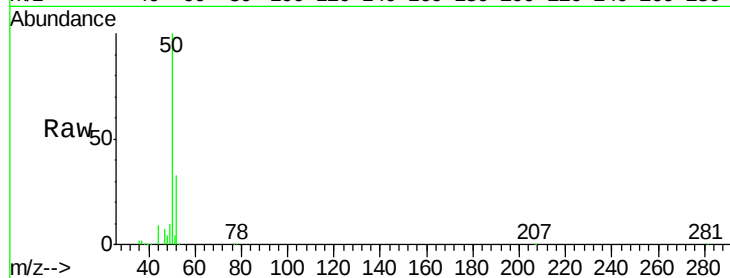
50 100

52 32.9 26.2 39.2

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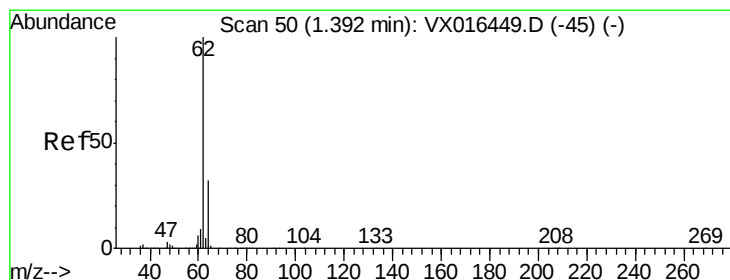
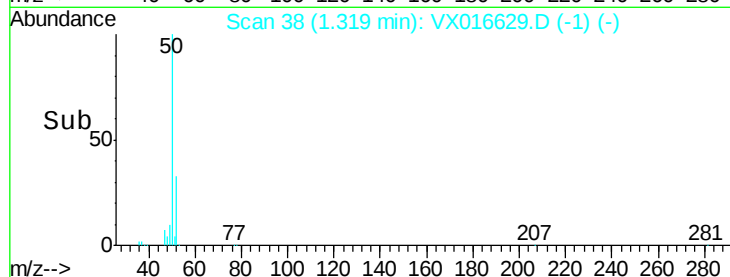
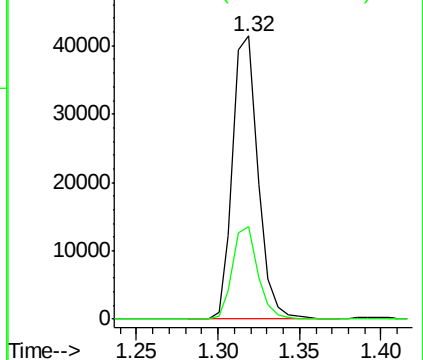
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.127 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016629.D

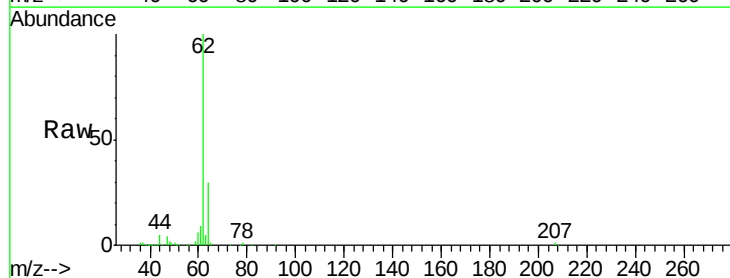
Acq: 08 Jun 2020 11:30

Tgt Ion: 62 Resp: 48671

Ion Ratio Lower Upper

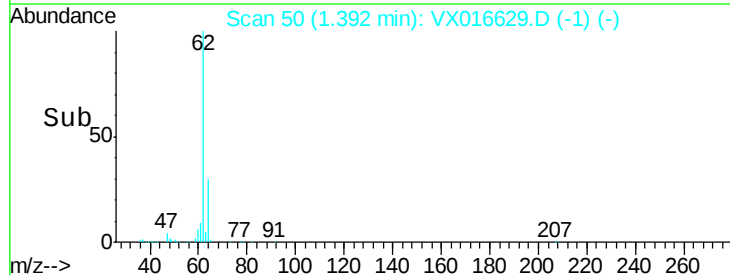
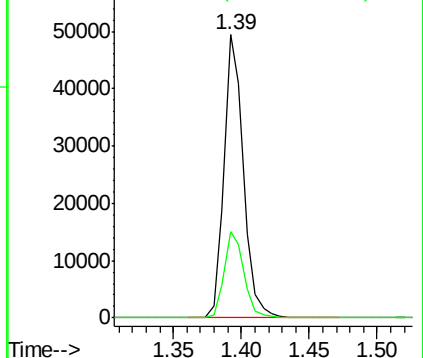
62 100

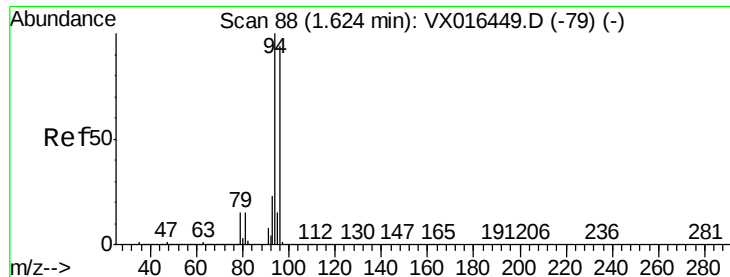
64 30.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.688 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion: 94 Resp: 33292

Ion Ratio Lower Upper

94 100

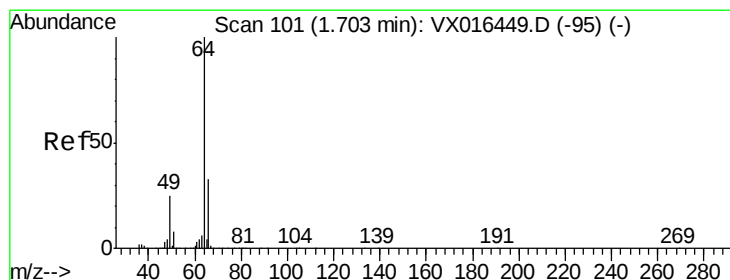
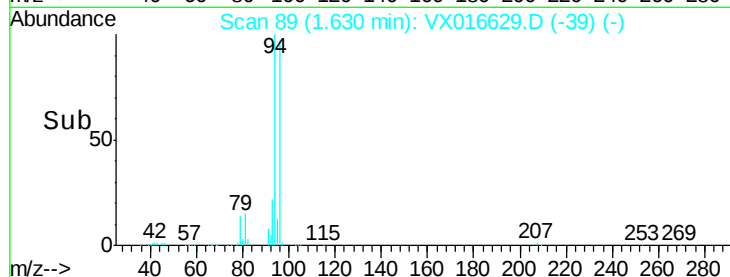
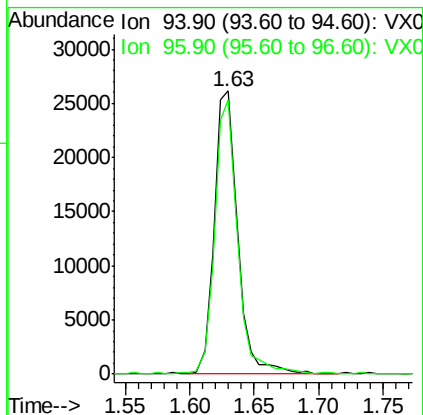
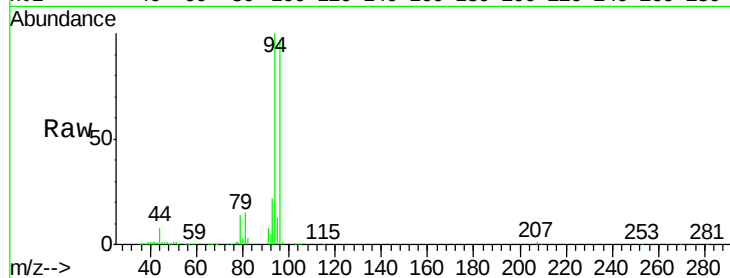
96 96.8 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 17.809 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016629.D

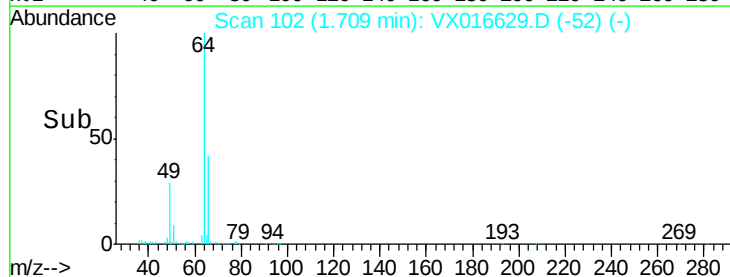
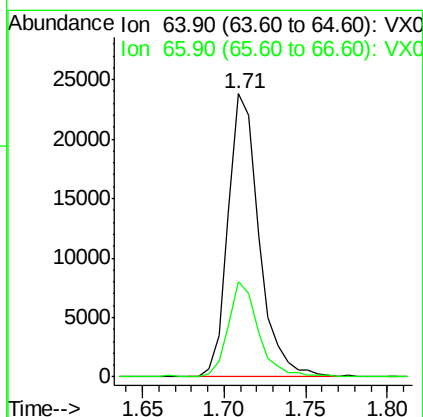
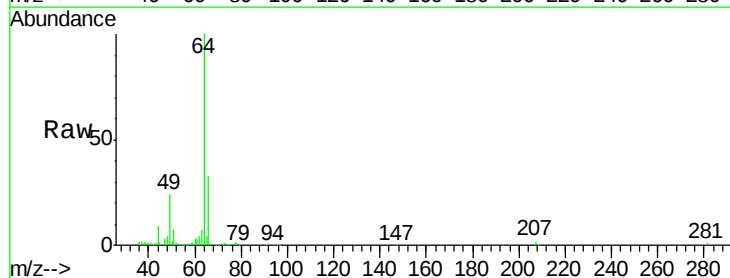
Acq: 08 Jun 2020 11:30

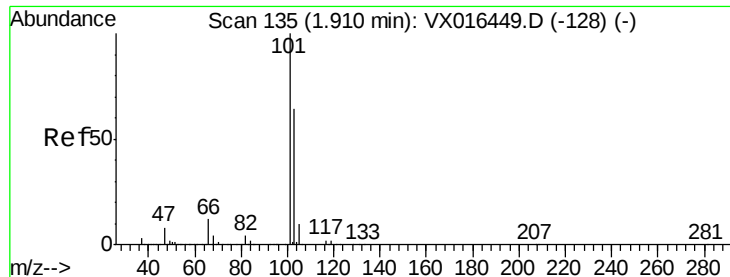
Tgt Ion: 64 Resp: 31352

Ion Ratio Lower Upper

64 100

66 33.5 26.7 40.1





#7

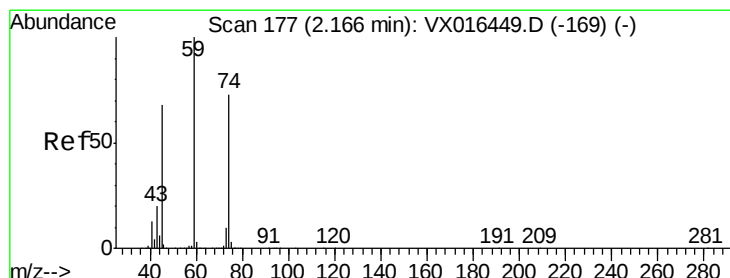
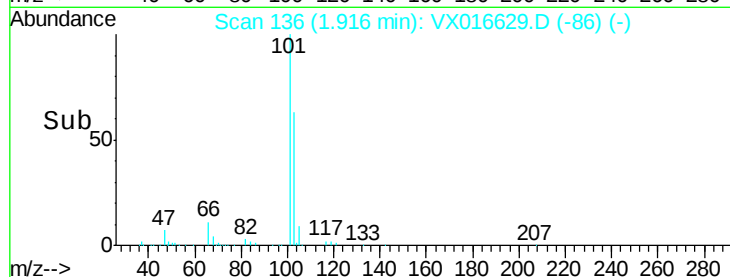
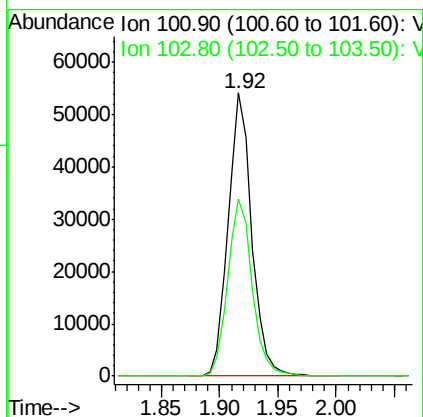
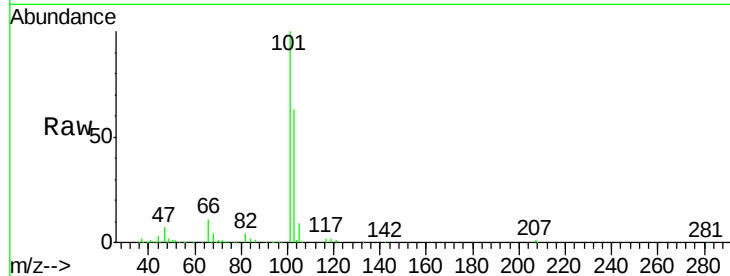
Trichlorofluoromethane
Concen: 19.214 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016629.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		76153		
103	62.7	50.9	76.3		

Manual Integrations
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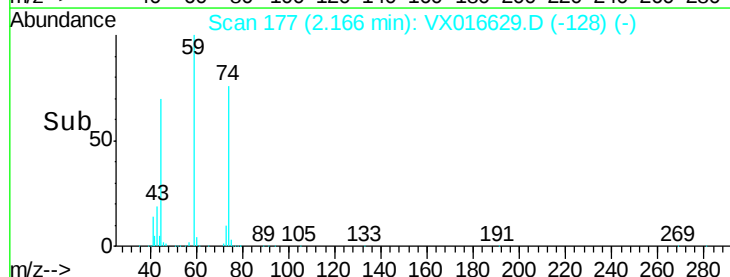
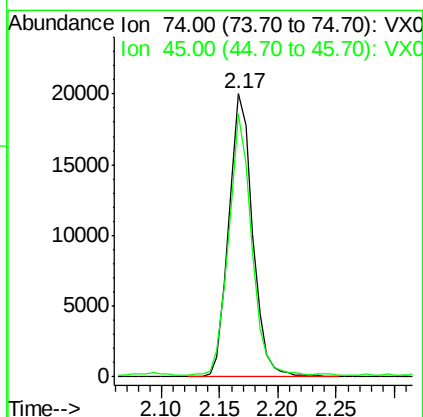
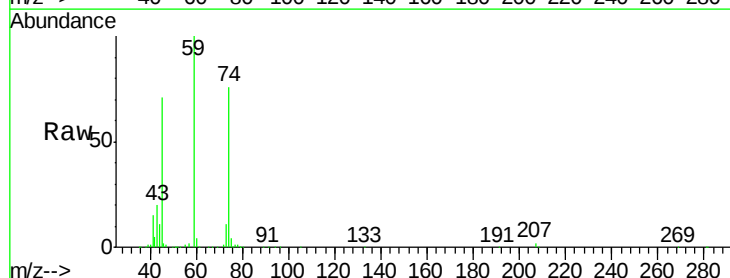
MMDadoda
6/9/2020 11:41:15 AM

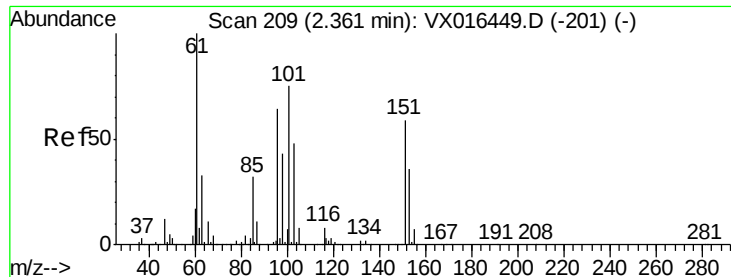


#8

Diethyl Ether
Concen: 17.317 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28620		
45	88.9	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.485 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

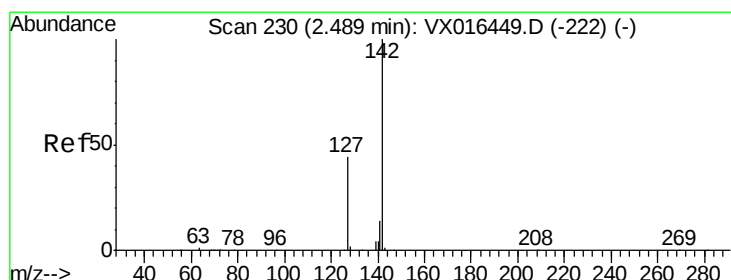
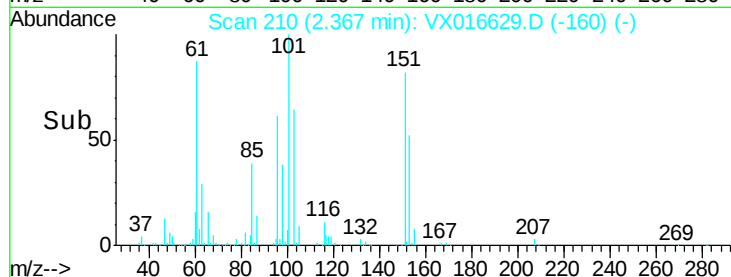
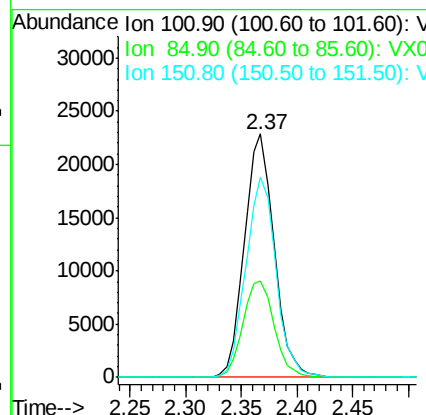
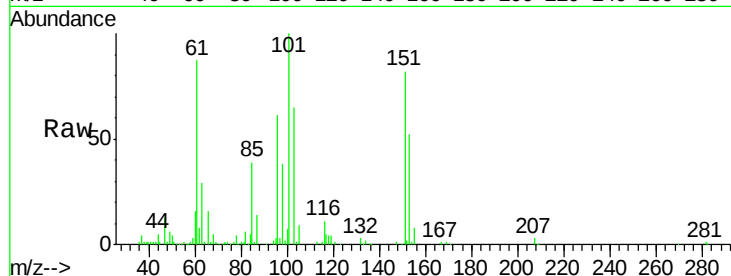
ClientSampleId :

VX0608WBS01

Tot Ion:	101	Resp:	42505
Ion Ratio	Lower	Upper	
101	100		
85	41.6	34.4	51.6
151	83.6	63.8	95.6

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#10

Methyl Iodide

Concen: 17.213 ug/l

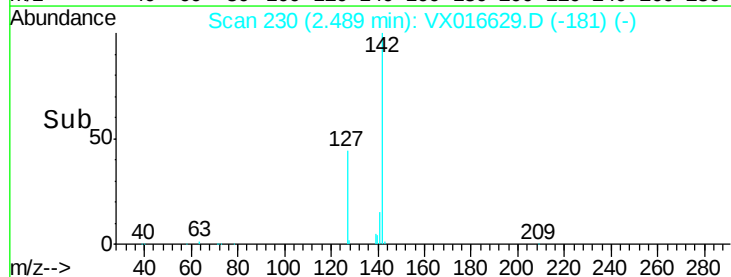
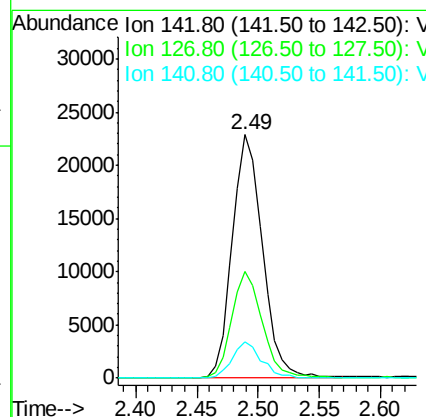
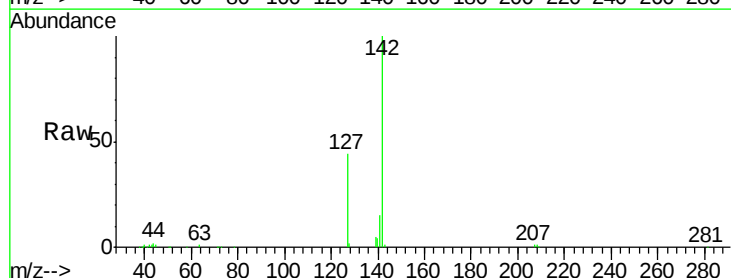
RT: 2.49 min Scan# 230

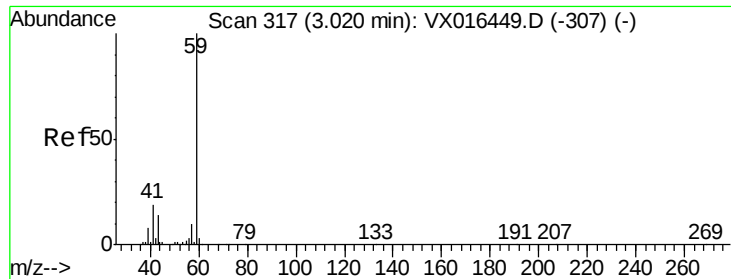
Delta R.T. 0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion:	142	Resp:	39300
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.3	52.9
141	14.3	11.4	17.2





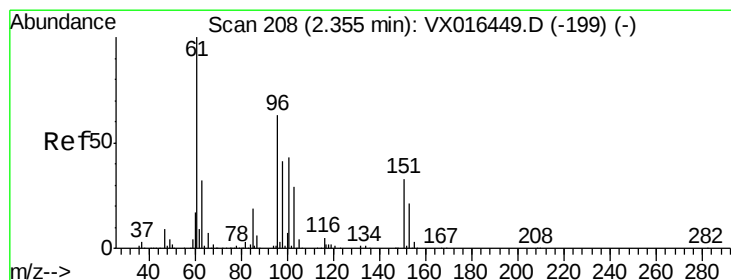
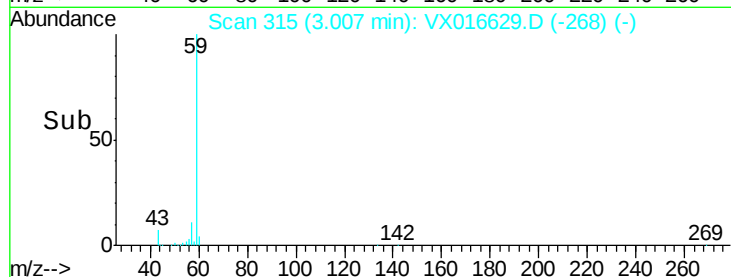
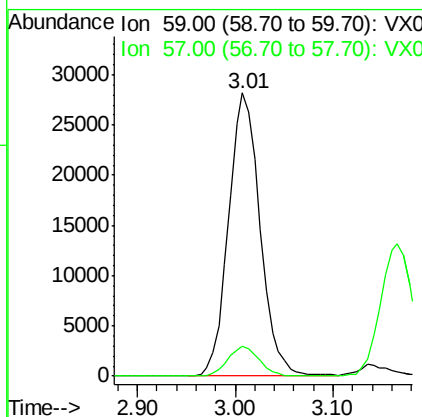
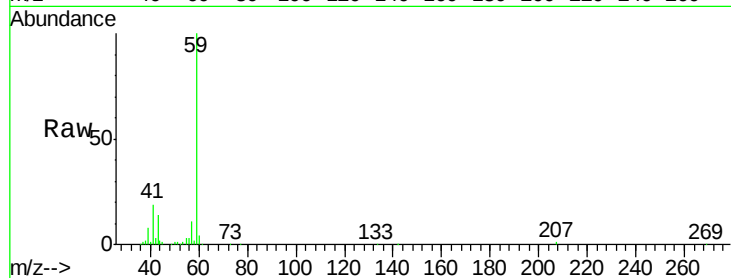
#11
Tert butyl alcohol
Concen: 82.309 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion: 59 Resp: 62899
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

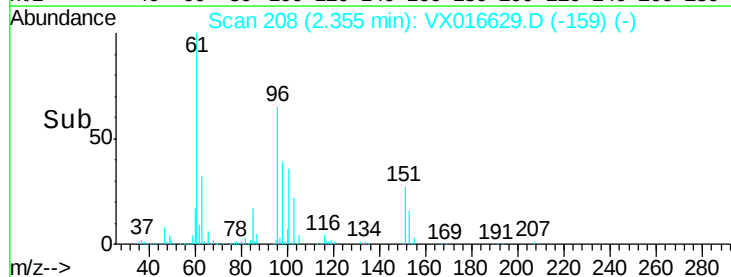
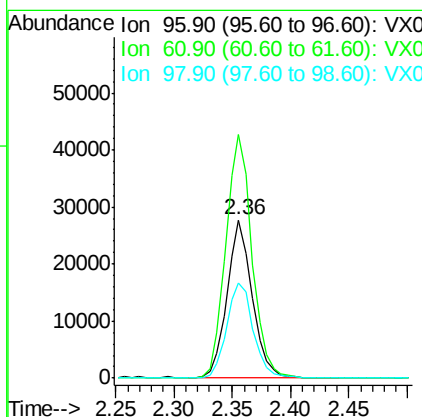
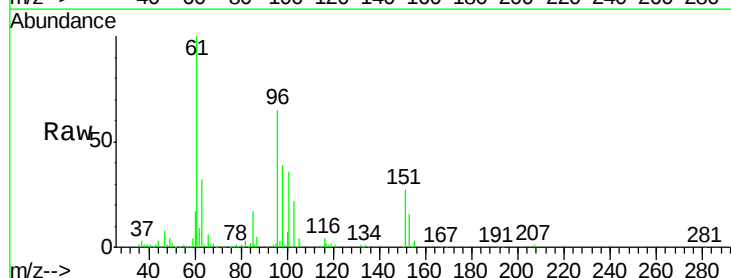
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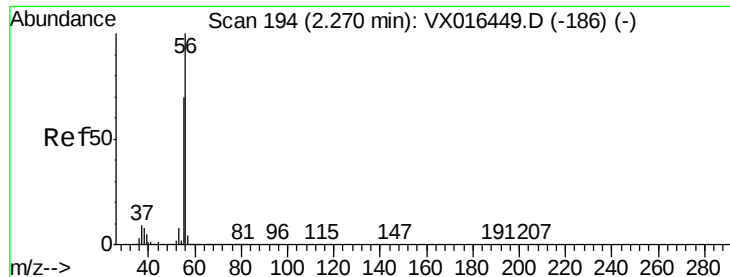
MMDadoda
6/9/2020 11:41:15 AM



#12
1,1-Dichloroethene
Concen: 18.124 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion: 96 Resp: 41849
Ion Ratio Lower Upper
96 100
61 154.0 126.6 189.8
98 60.1 51.3 76.9





#13

Acrolein

Concen: 96.369 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tot Ion: 56 Resp: 31327

Ion Ratio Lower Upper

56 100

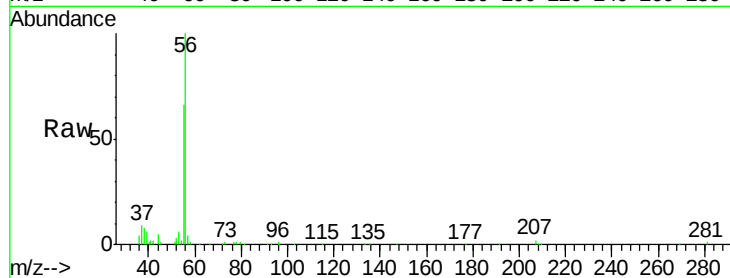
55 68.6 58.3 87.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

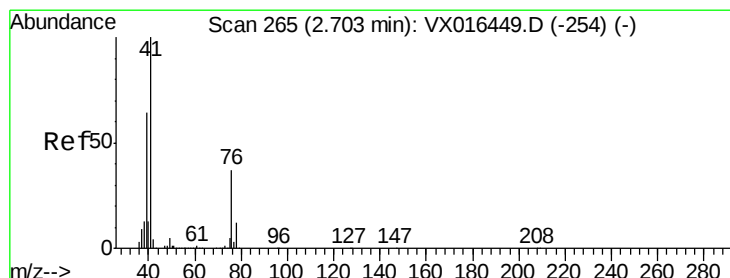
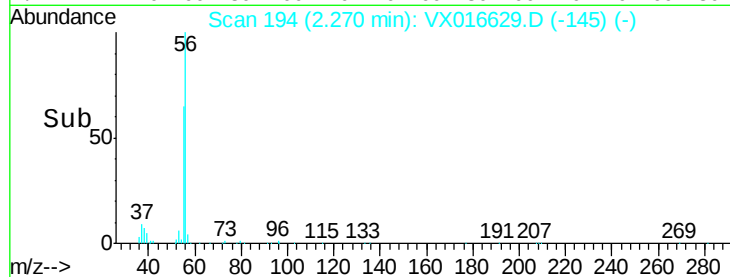
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 15.873 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

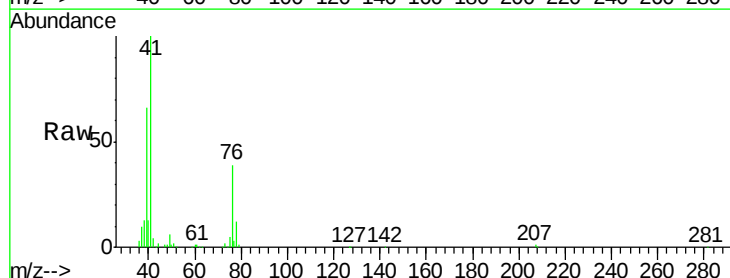
Tgt Ion: 41 Resp: 67404

Ion Ratio Lower Upper

41 100

39 62.0 47.7 71.5

76 35.4 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

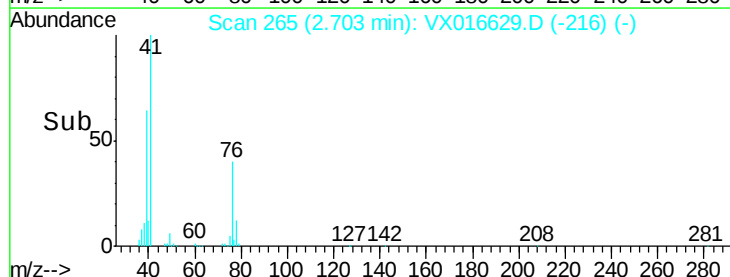
60000

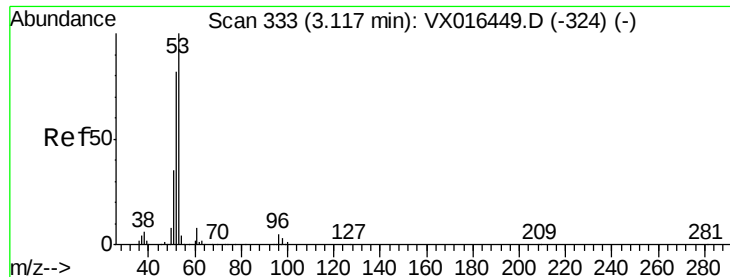
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 80.533 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

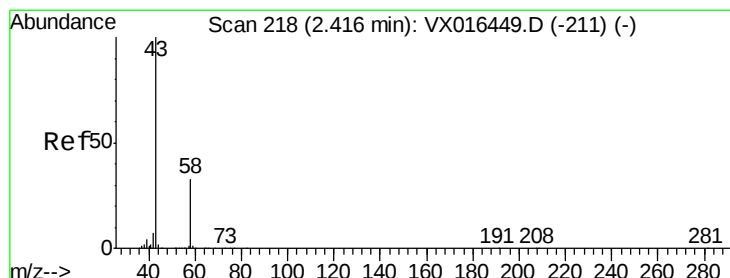
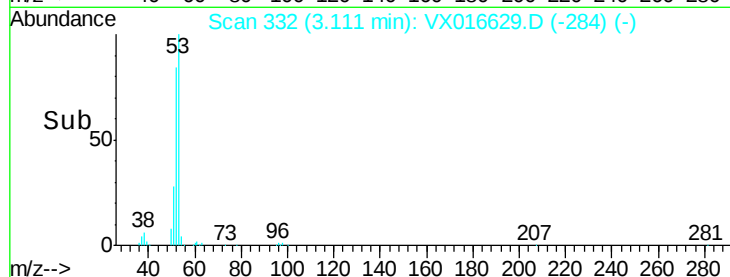
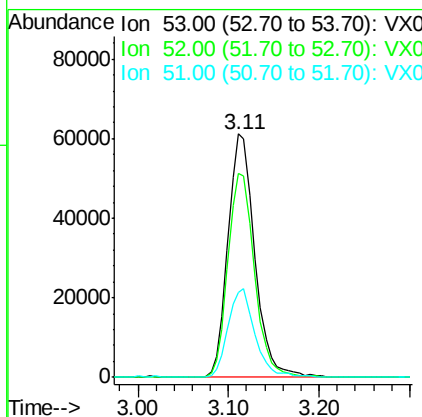
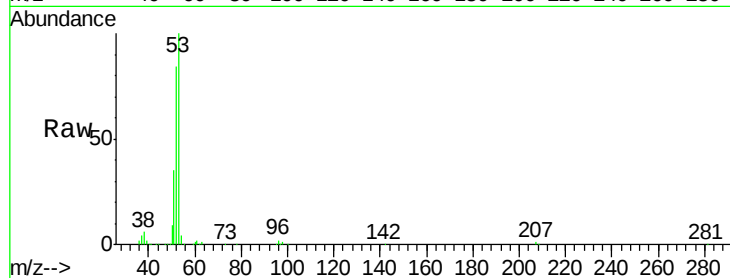
ClientSampleId :

VX0608WBS01

Tot Ion:	53	Resp:	126065
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.7	100.1
51	37.0	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 82.817 ug/l

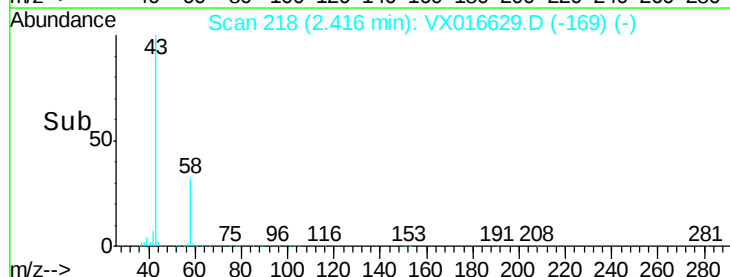
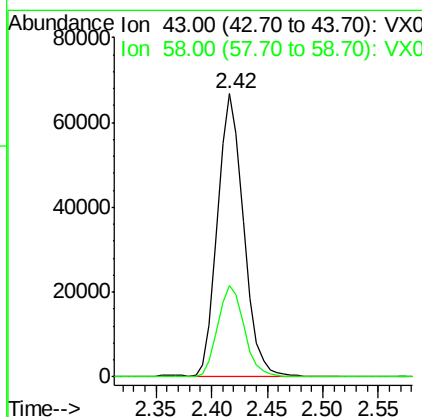
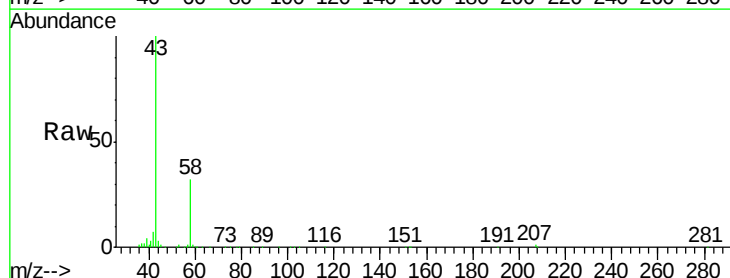
RT: 2.42 min Scan# 218

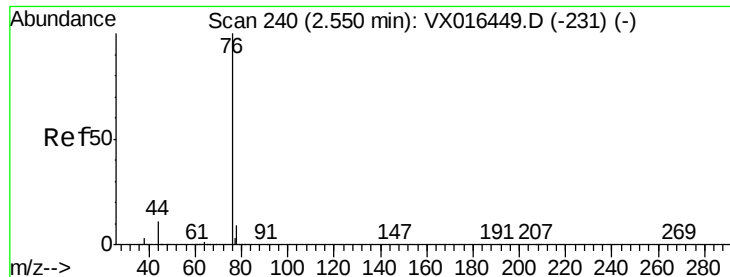
Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion:	43	Resp:	108129
Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.1	39.1





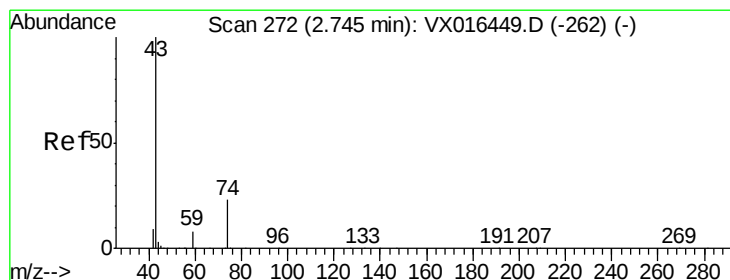
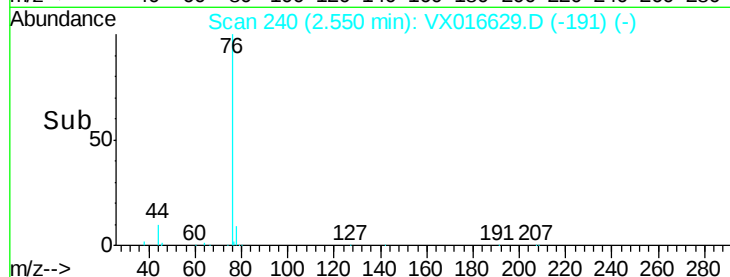
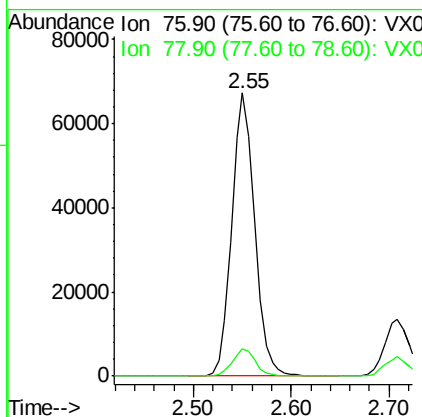
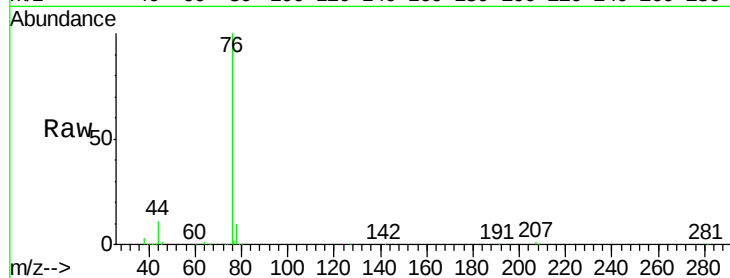
#17
Carbon Disulfide
Concen: 15.943 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

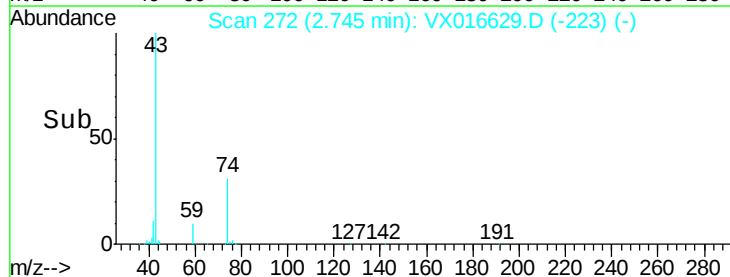
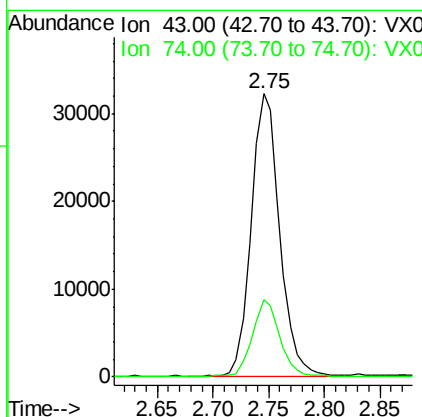
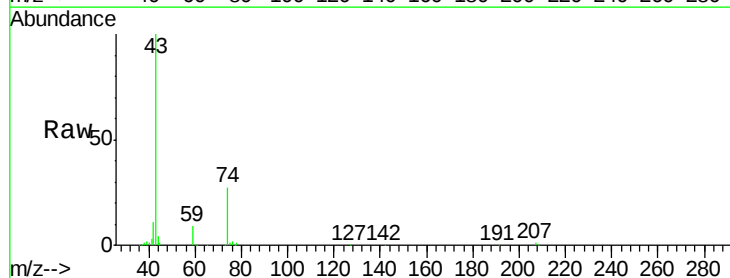
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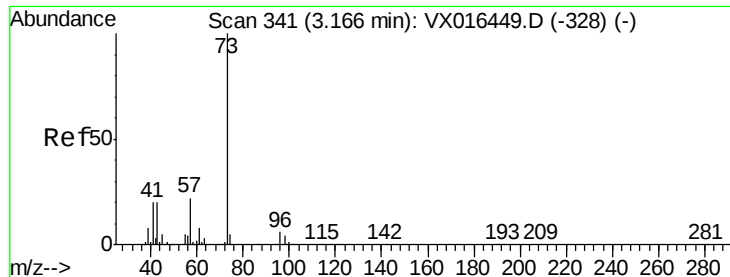
MMDadoda
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#18
Methyl Acetate
Concen: 17.119 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	19.7	29.5





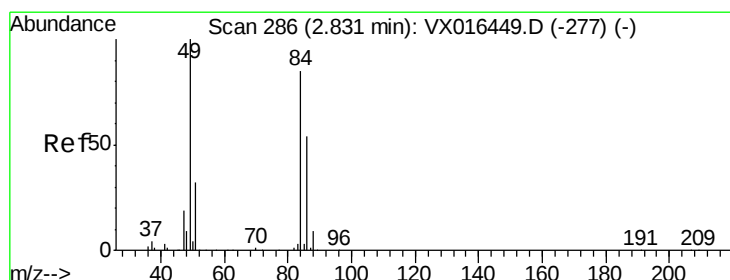
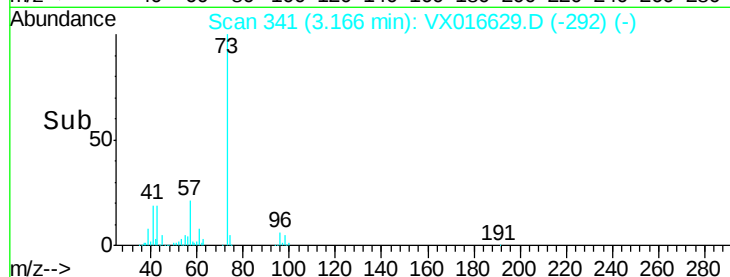
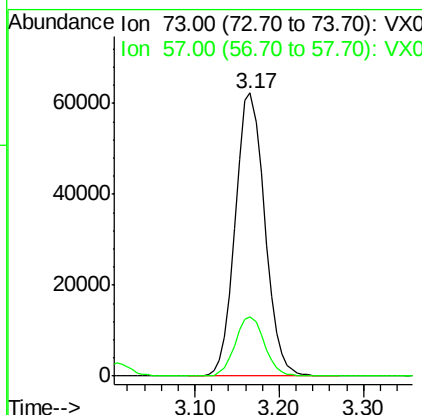
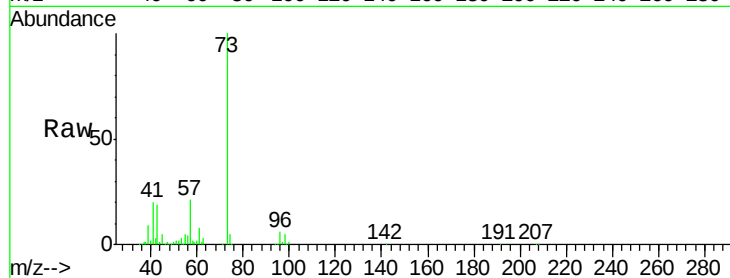
#19
Methvl tert-butvl Ether
Concen: 17.765 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.8	26.6

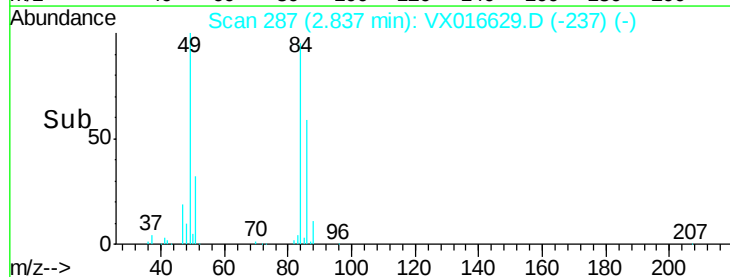
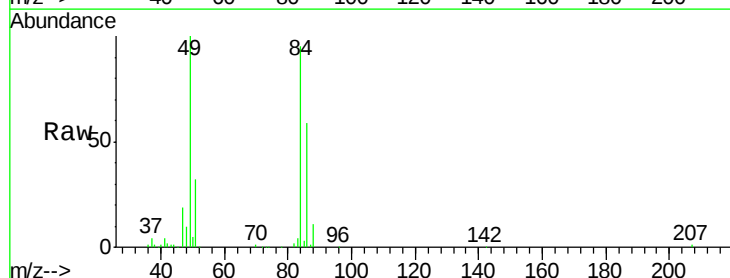
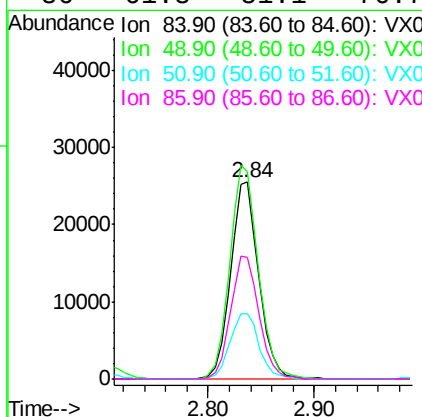
Manual Integrations
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6/9/2020 11:41:15 AM



#20
Methylene Chloride
Concen: 17.509 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.3	94.5	141.7
51	33.5	30.2	45.4
86	61.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.435 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

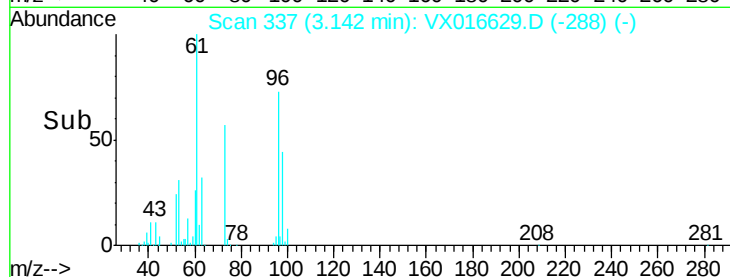
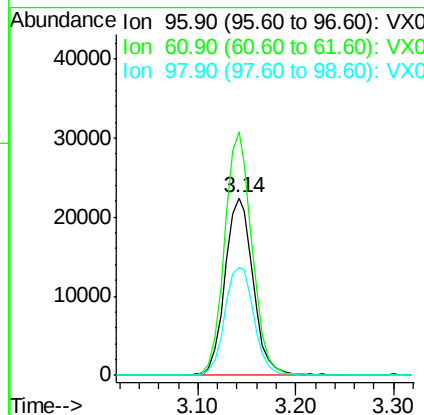
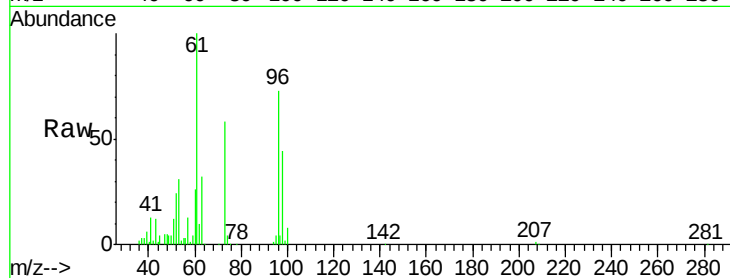
ClientSampled :

VX0608WBS01

Tot Ion:	96	Resp:	44530
Ion	Ratio	Lower	Upper
96	100		
61	137.2	115.3	172.9
98	61.0	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.441 ug/l

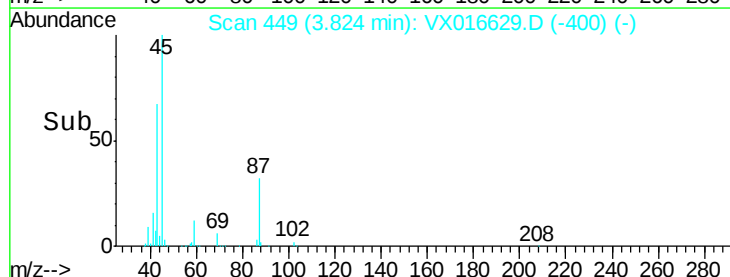
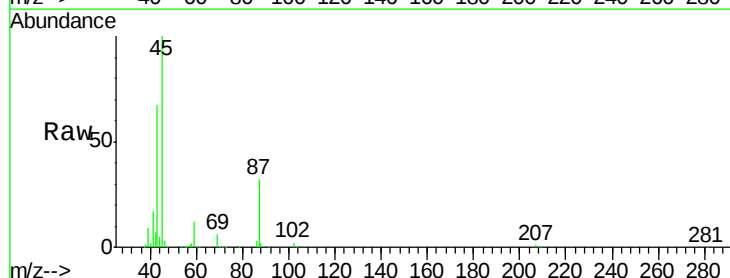
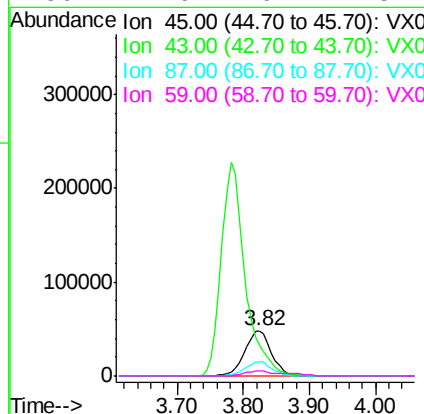
RT: 3.82 min Scan# 449

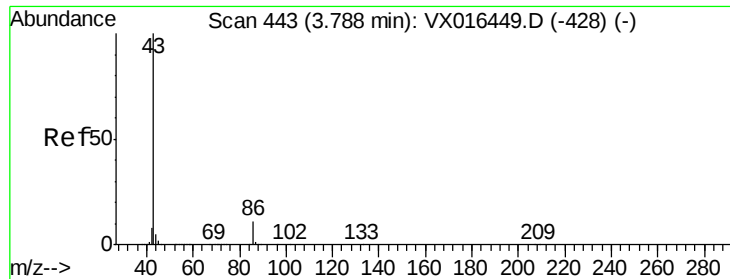
Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion:	45	Resp:	134115
Ion	Ratio	Lower	Upper
45	100		
43	67.2	57.0	85.6
87	31.6	22.5	33.7
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 80.463 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tot Ion: 43 Resp: 574523

Ion Ratio Lower Upper

43 100

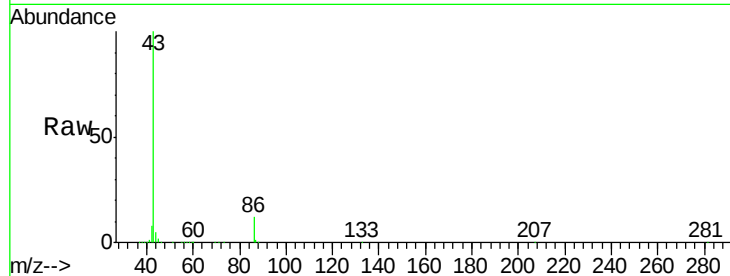
86 11.6 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

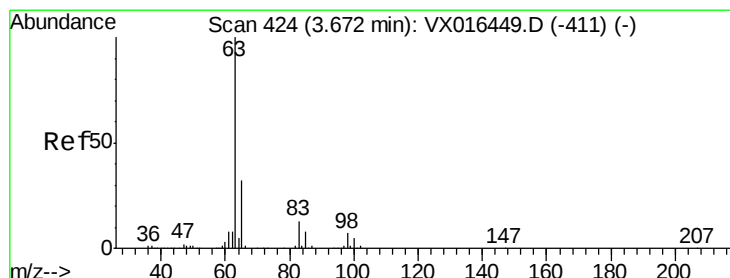
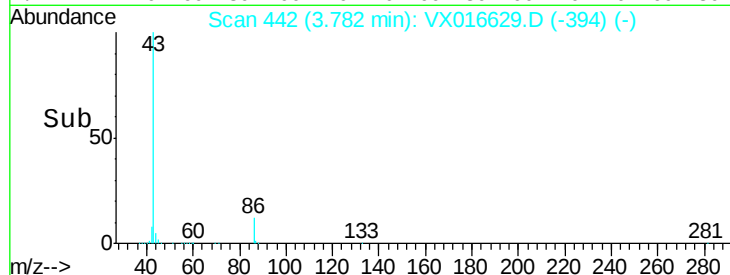
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.461 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

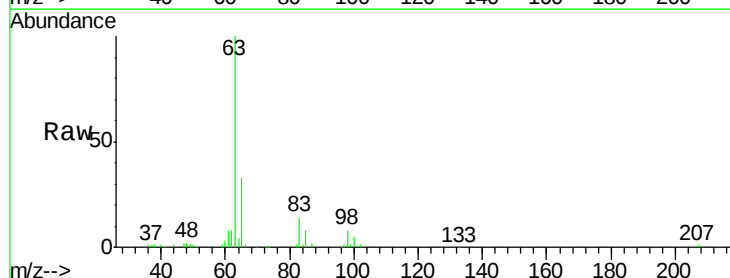
Tgt Ion: 63 Resp: 80395

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

40000

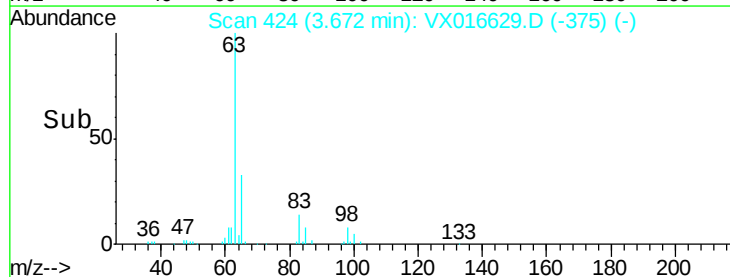
30000

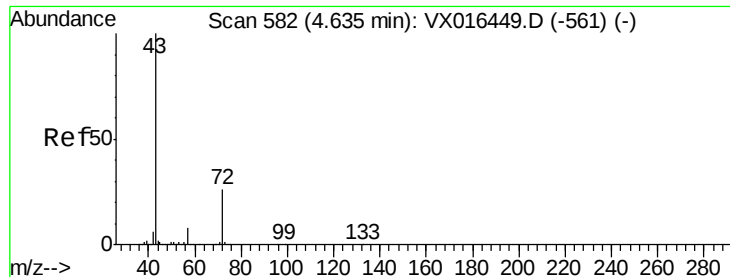
20000

10000

0

Time-->





#25

2-Butanone

Concen: 77.574 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tot Ion: 43 Resp: 171622

Ion Ratio Lower Upper

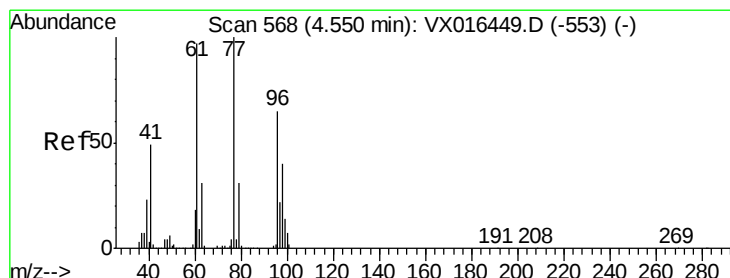
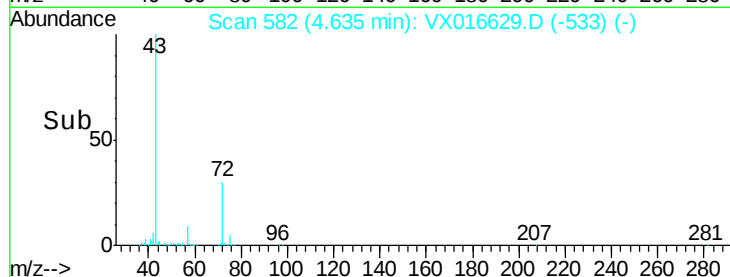
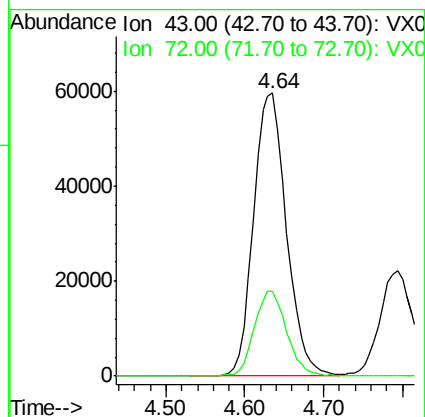
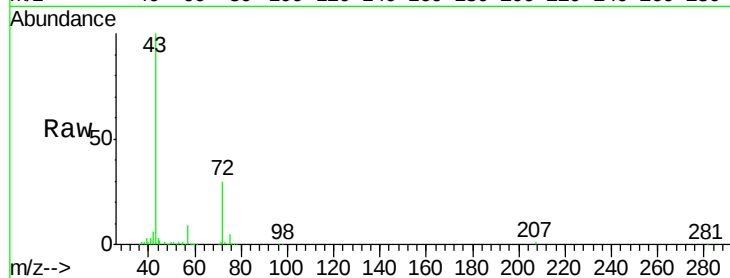
43 100

72 30.1 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.386 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016629.D

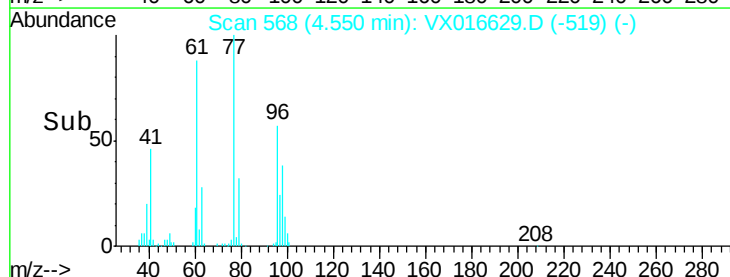
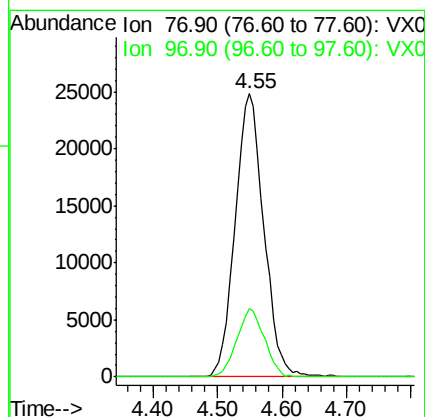
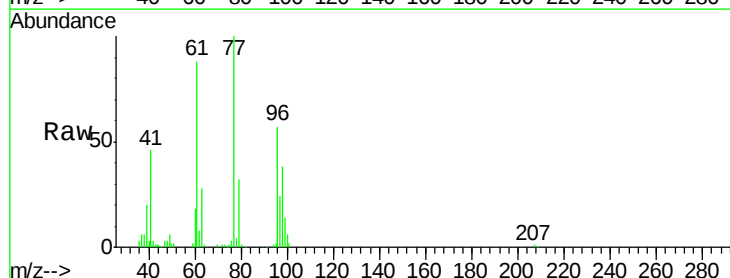
Acq: 08 Jun 2020 11:30

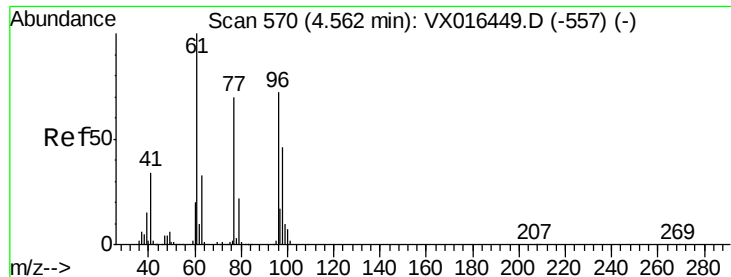
Tgt Ion: 77 Resp: 76805

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

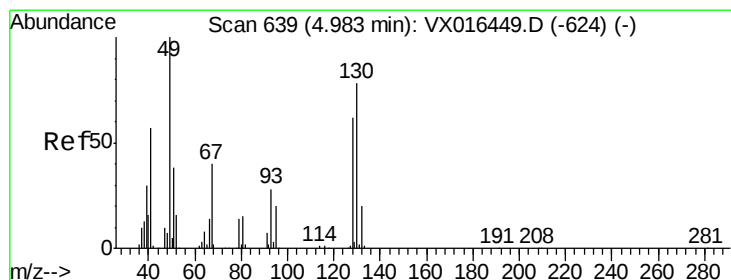
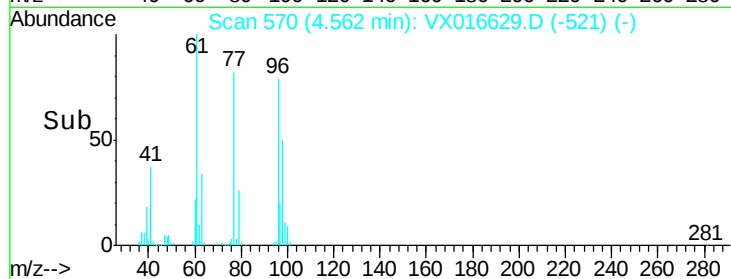
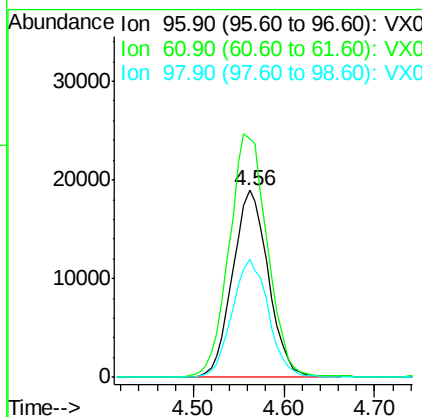
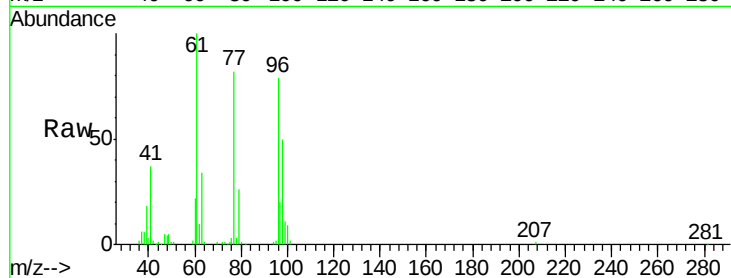
cis-1,2-Dichloroethene
 Concen: 17.643 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	284.6
98	63.6	0.0	127.2

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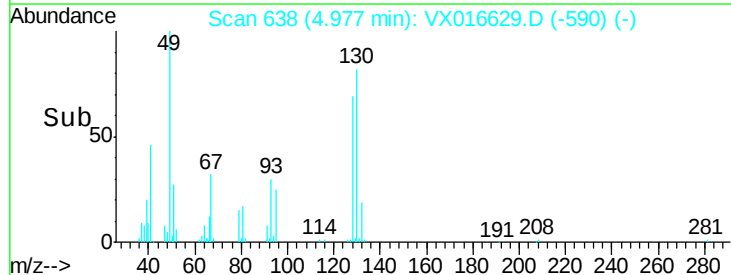
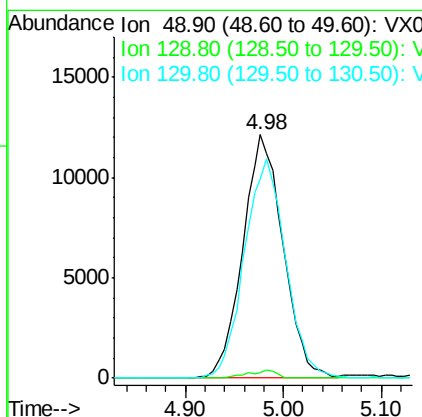
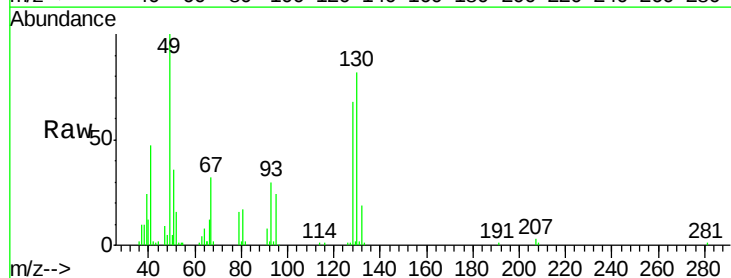
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 6/9/2020 11:41:15 AM



#28

Bromochloromethane
 Concen: 16.221 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	91.9	63.0	94.4





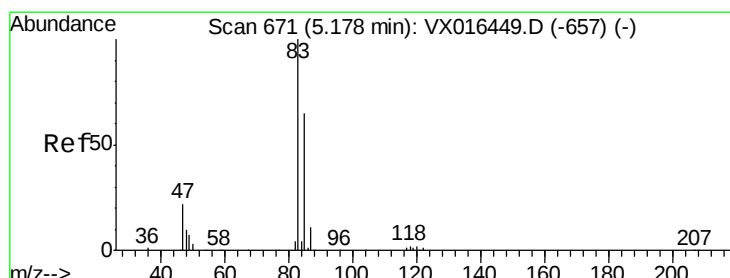
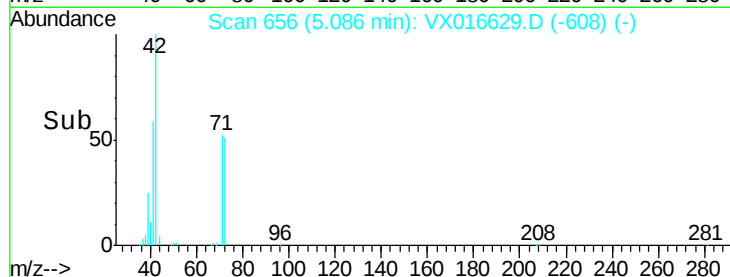
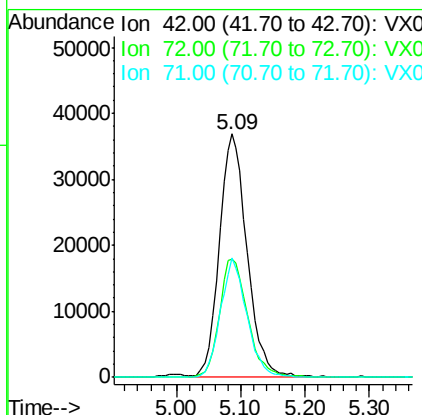
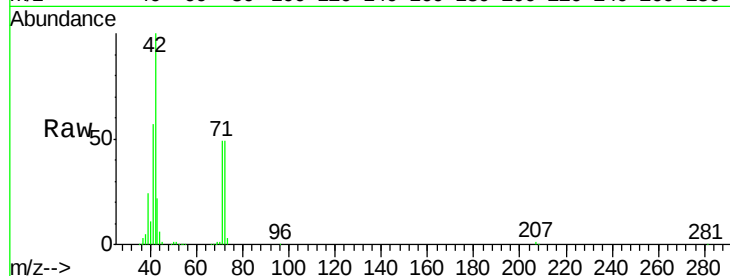
#29
Tetrahydrofuran
Concen: 77.940 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	37.0	55.4
71	46.6	34.1	51.1

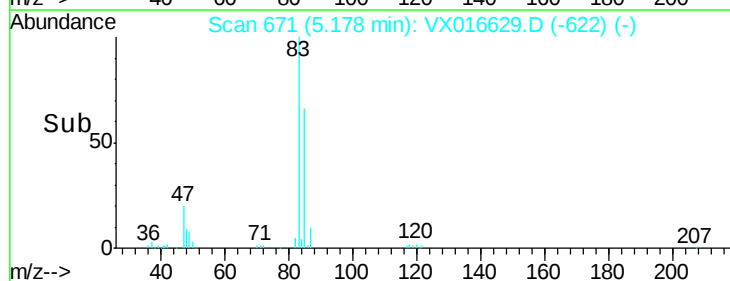
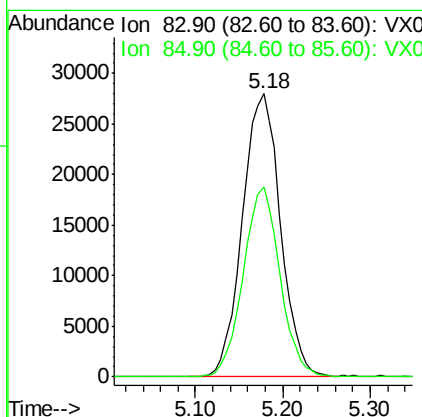
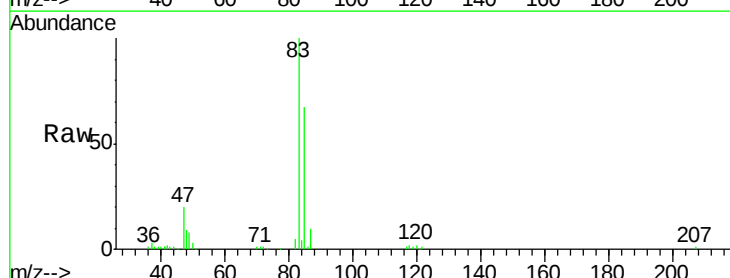
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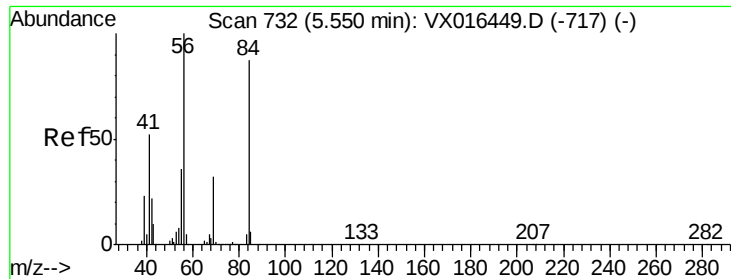
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#30
Chloroform
Concen: 18.251 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.0	78.0





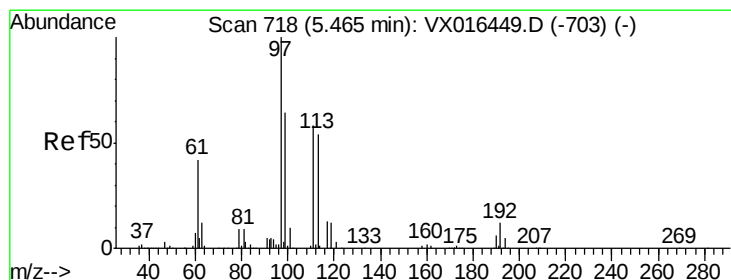
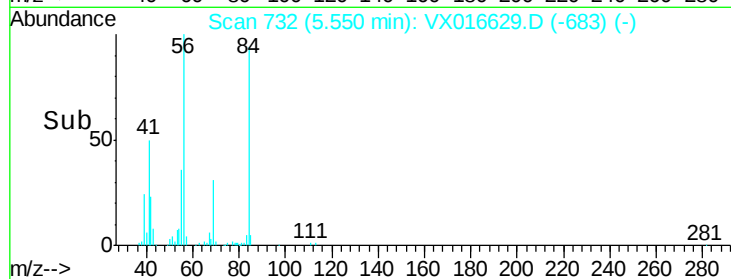
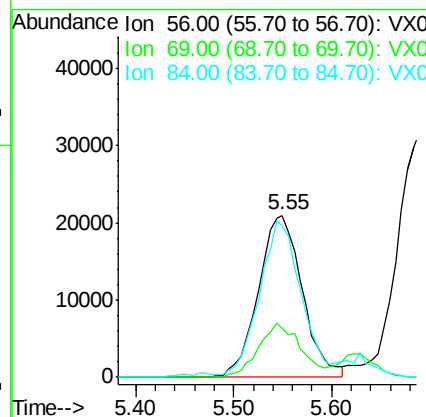
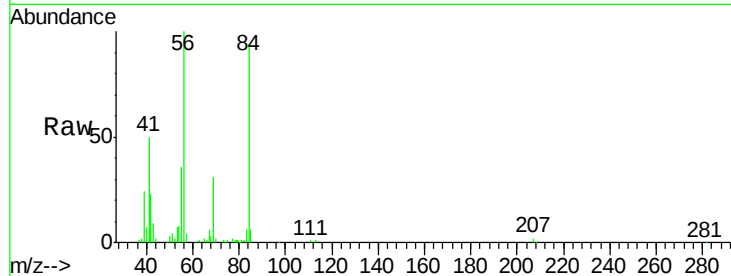
#31
Cyclohexane
Concen: 15.785 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.6	25.7	38.5	
84	92.3	70.0	105.0	

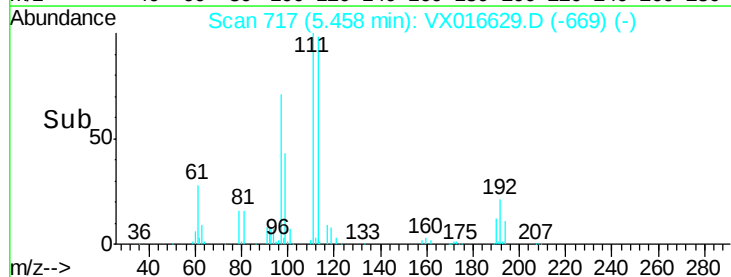
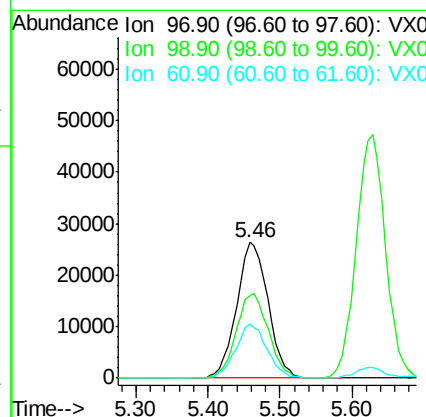
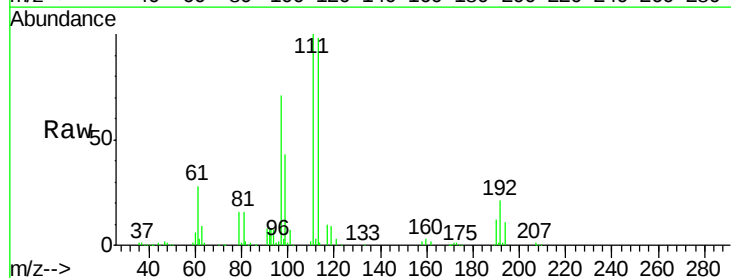
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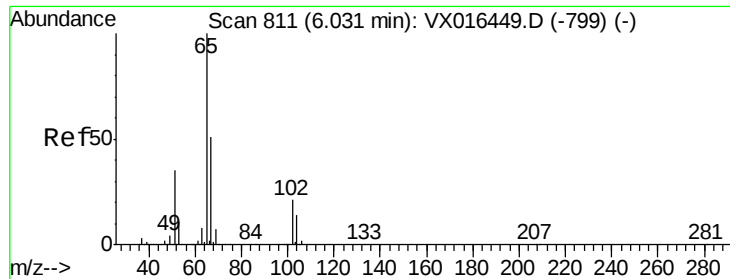
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#32
1,1,1-Trichloroethane
Concen: 19.022 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.8	51.4	77.2	
61	39.7	33.5	50.3	





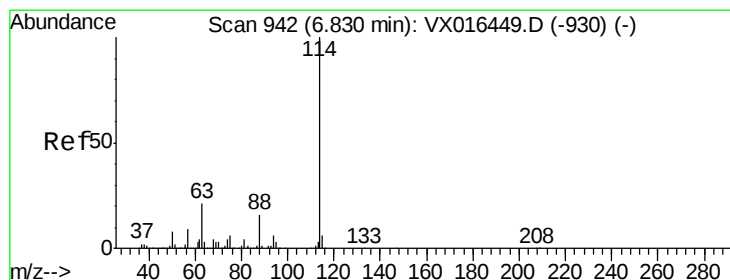
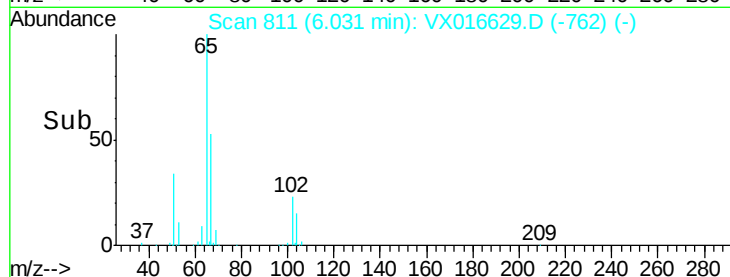
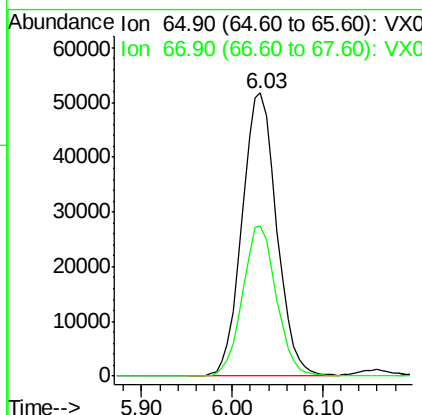
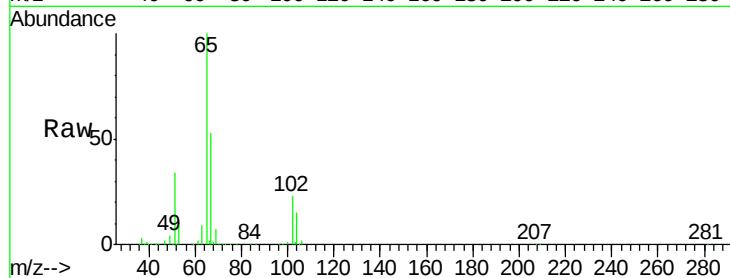
#33
 1,2-Dichloroethane-d4
 Concen: 45.910 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.9	0.0	104.8	

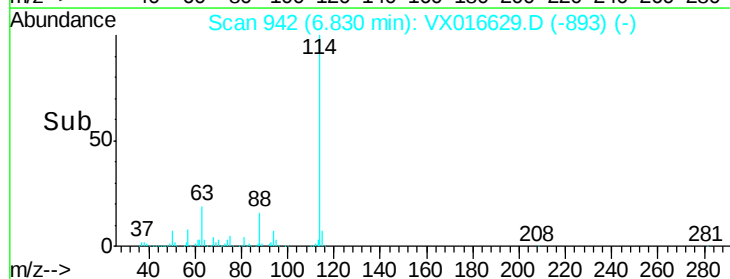
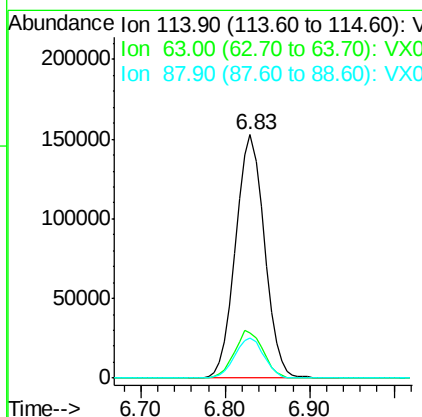
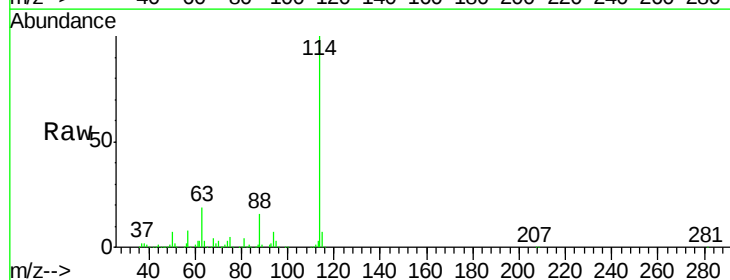
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.6	0.0	42.6	
88	16.3	0.0	32.8	





#35

Dibromofluoromethane

Concen: 50.360 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

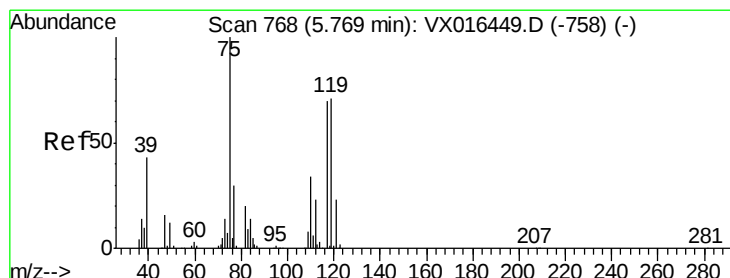
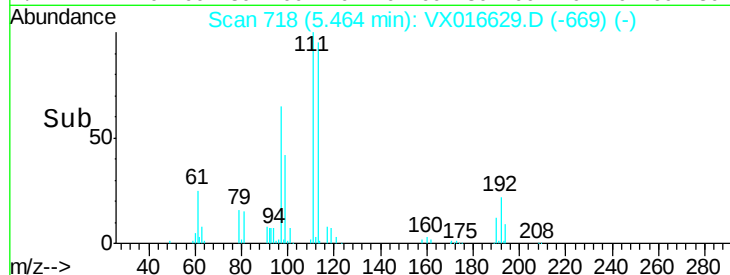
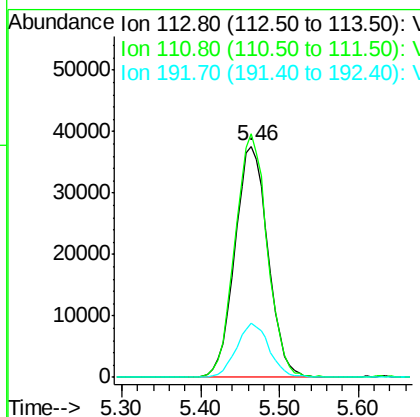
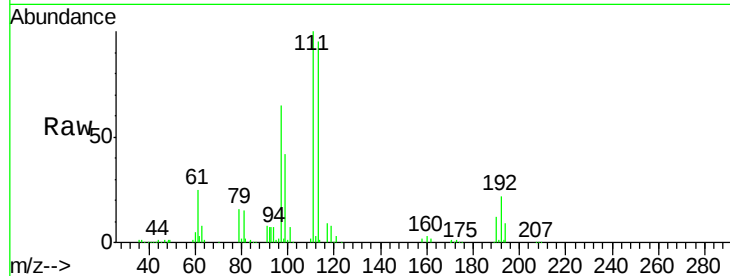
ClientSampled :

VX0608WBS01

Tot Ion:	113	Resp:	109700
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.0	124.6
192	23.1	17.7	26.5

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#36

1,1-Dichloropropene

Concen: 18.118 ug/l

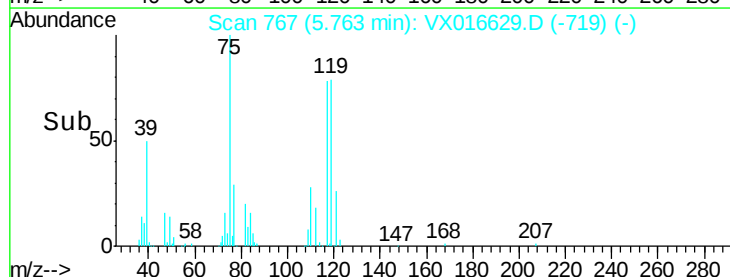
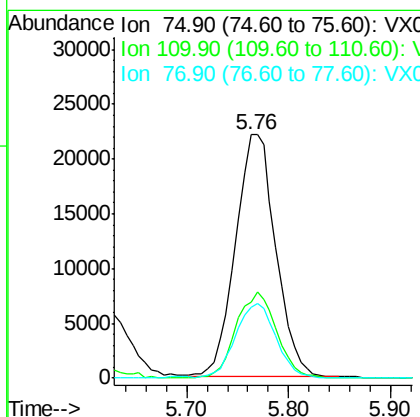
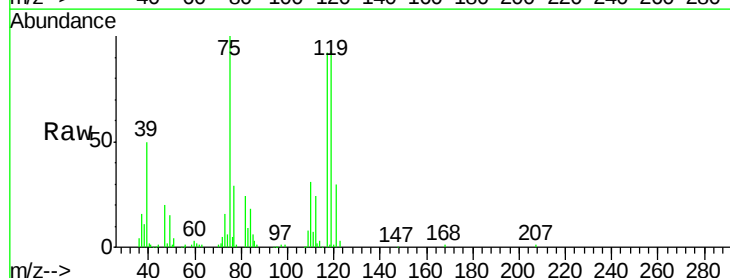
RT: 5.76 min Scan# 767

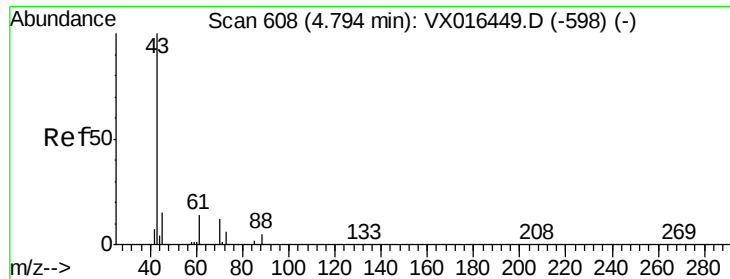
Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion:	75	Resp:	60688
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.4	52.3
77	31.0	24.2	36.4





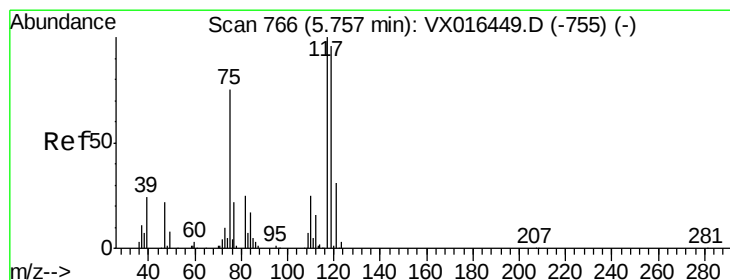
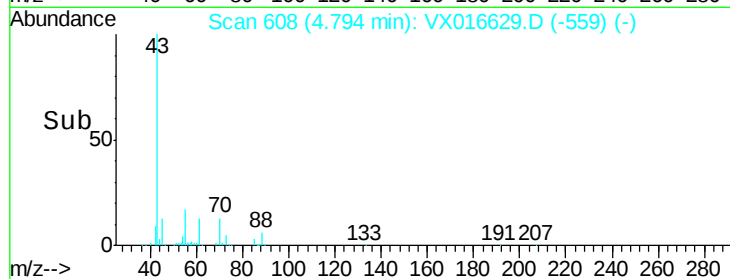
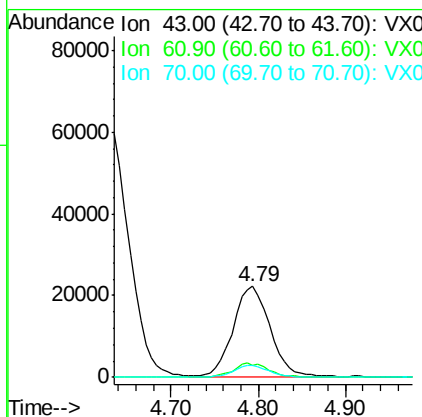
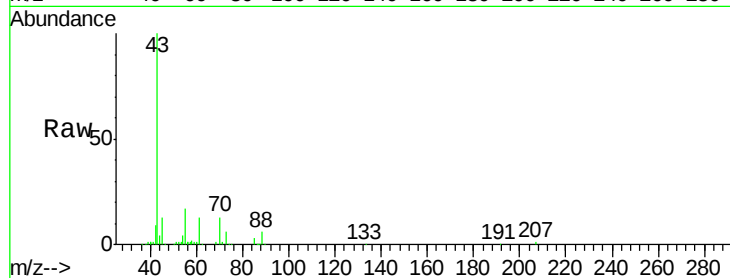
#37
Ethyl Acetate
Concen: 16.115 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.3	16.9
70	12.8	9.3	13.9

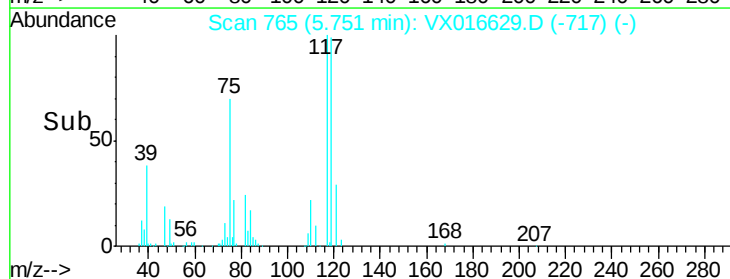
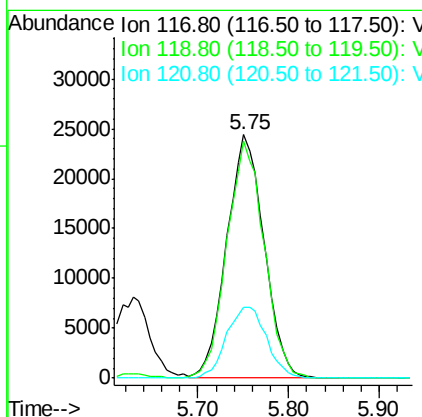
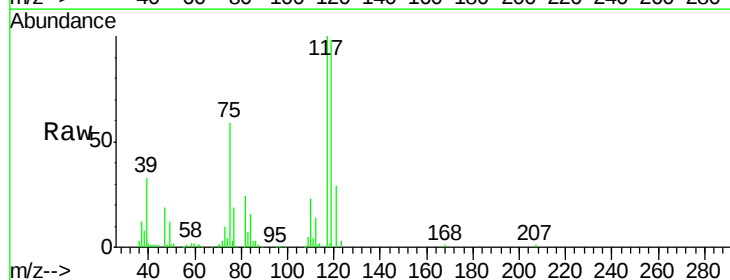
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#38
Carbon Tetrachloride
Concen: 19.839 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.3	114.5
121	29.3	24.6	37.0





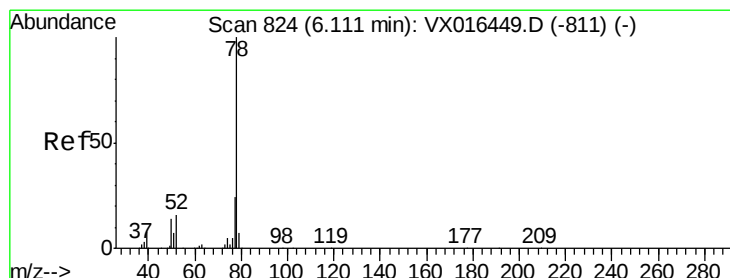
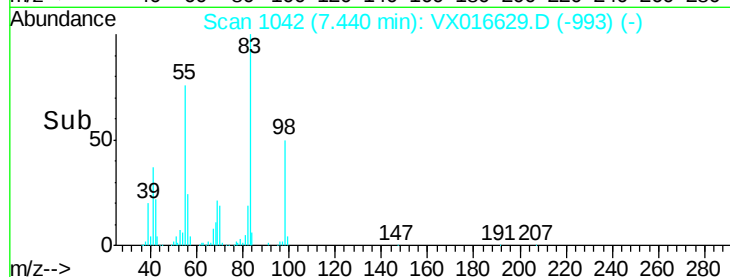
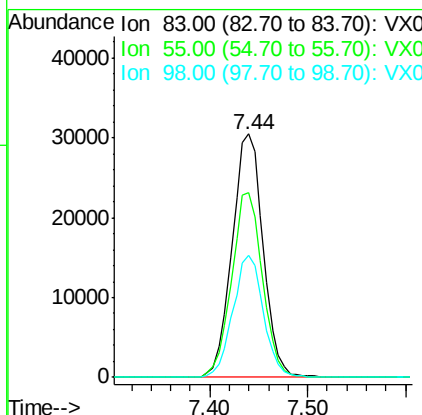
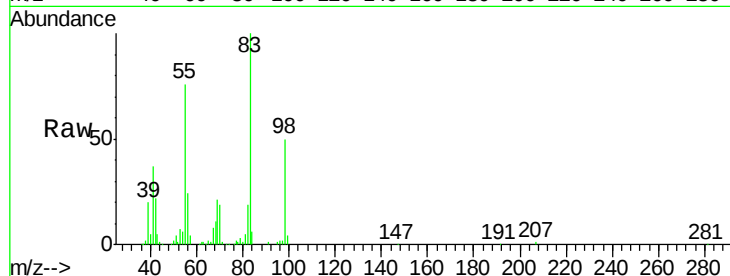
#39
Methvlcvclohexane
Concen: 18.403 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.7	92.5
98	49.9	38.7	58.1

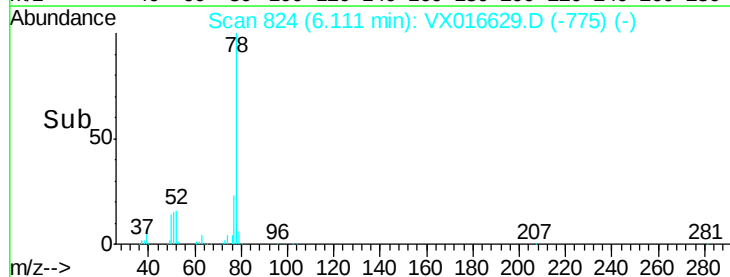
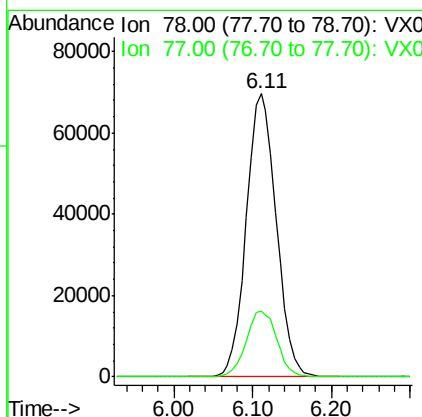
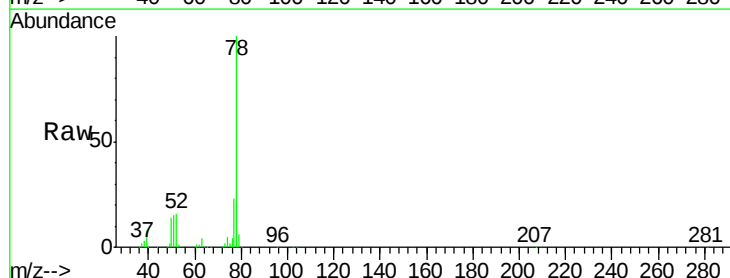
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#40
Benzene
Concen: 18.419 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





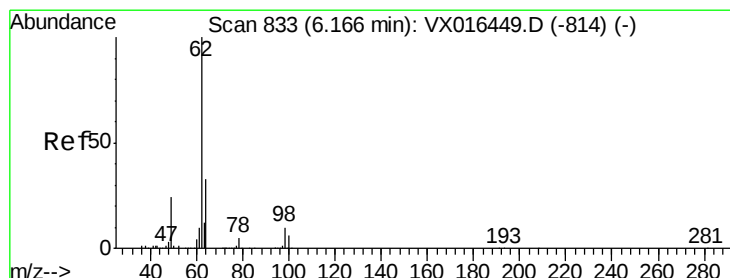
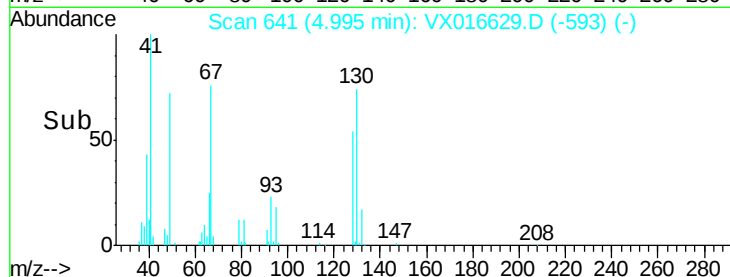
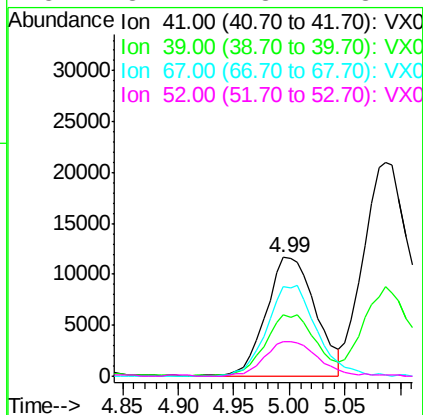
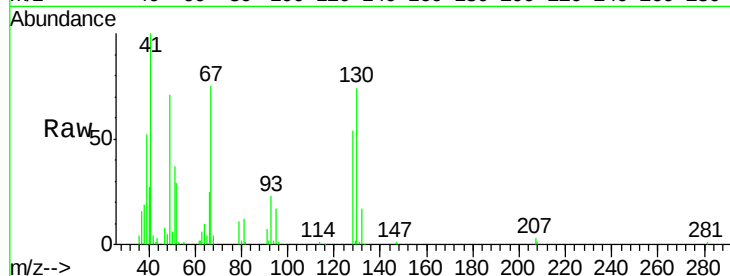
#41
Methacrylonitrile
Concen: 16.412 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		36253		
39	53.2	43.0	64.4		
67	75.9	58.9	88.3		
52	32.1	23.1	34.7		

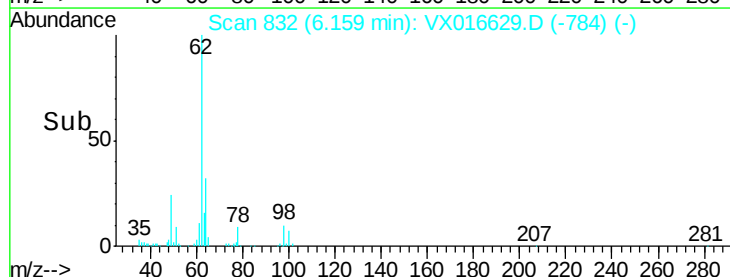
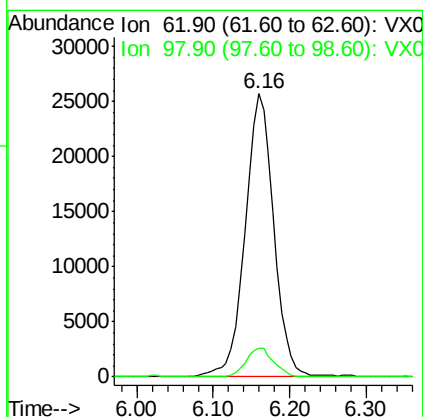
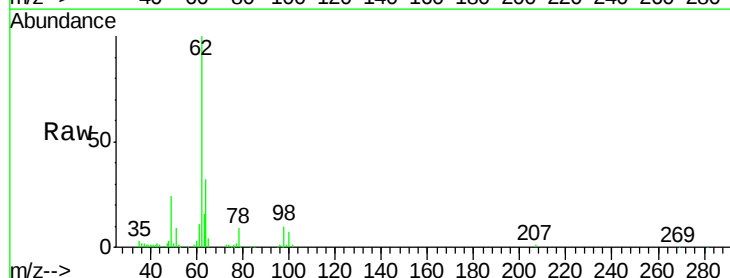
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#42
1,2-Dichloroethane
Concen: 18.890 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		67009		
98	9.8	0.0	19.8		





#43

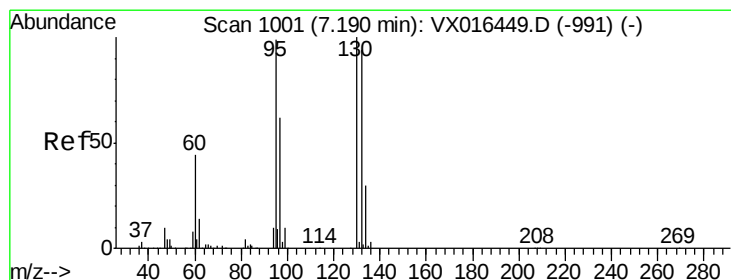
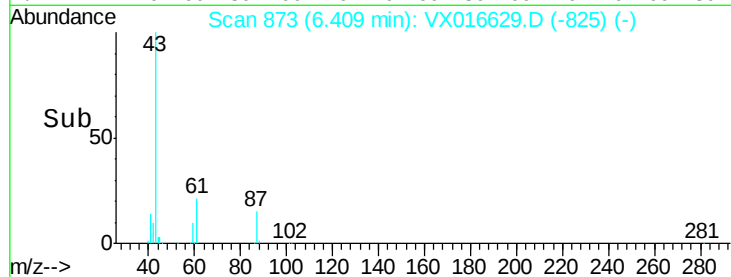
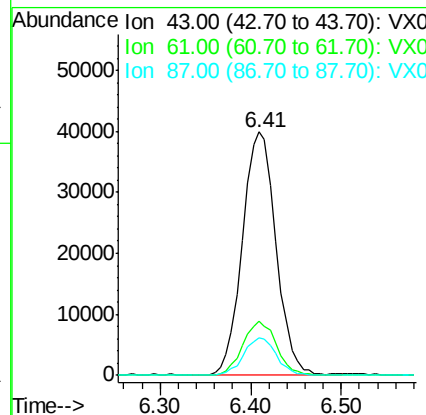
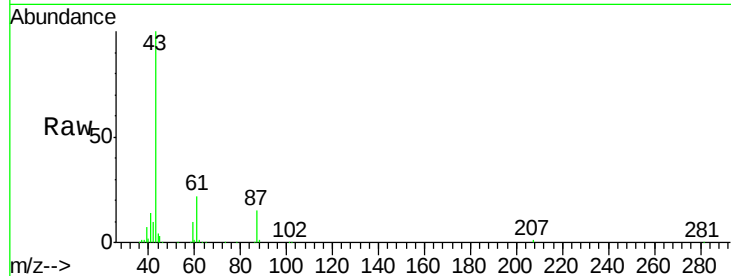
Isopropyl Acetate
 Concen: 16.236 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	16.8	25.2
87	15.1	11.2	16.8

Manual Integrations
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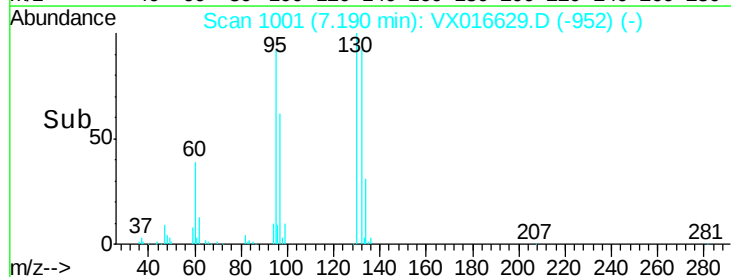
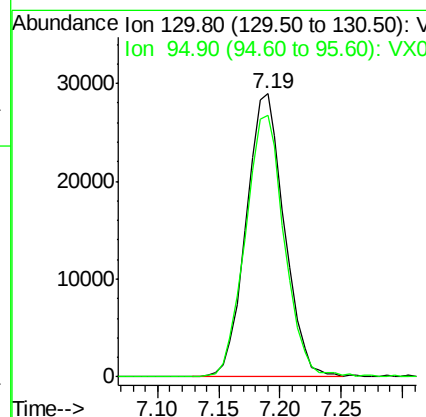
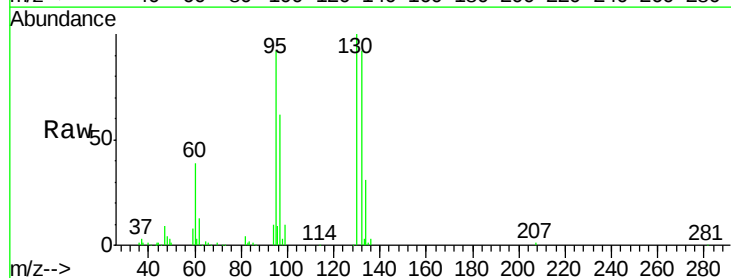
MMDadoda
 6/9/2020 11:41:15 AM

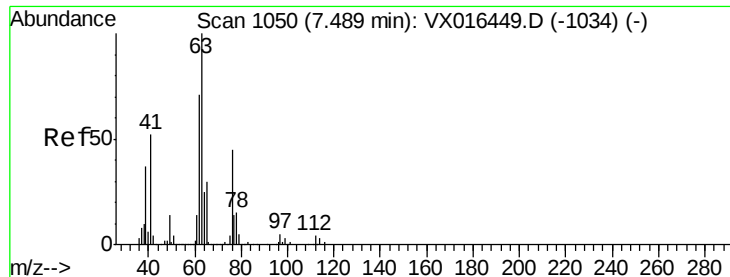


#44

Trichloroethene
 Concen: 19.799 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	198.2





#45

1,2-Dichloropropane

Concen: 17.926 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tot Ion: 63 Resp: 45519

Ion Ratio Lower Upper

63 100

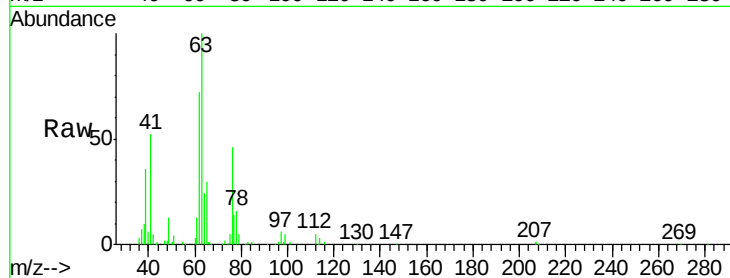
65 29.5 24.2 36.2

Manual Integrations

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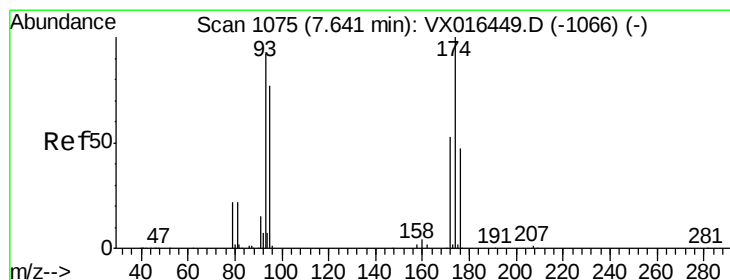
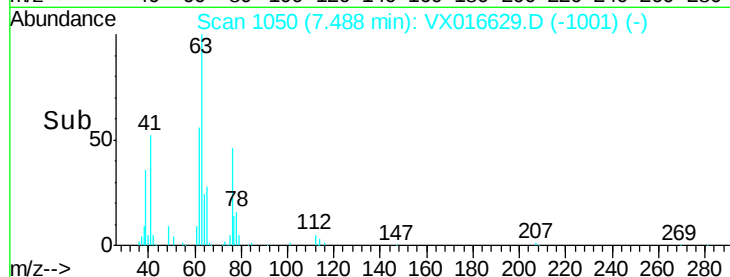
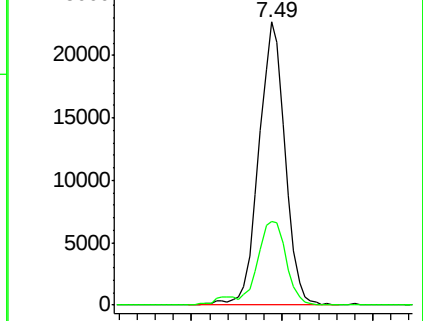
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.874 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

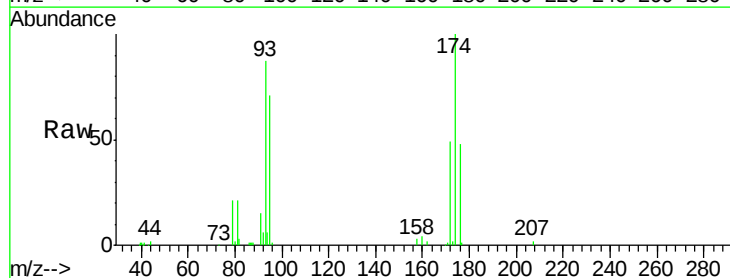
Tgt Ion: 93 Resp: 32191

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

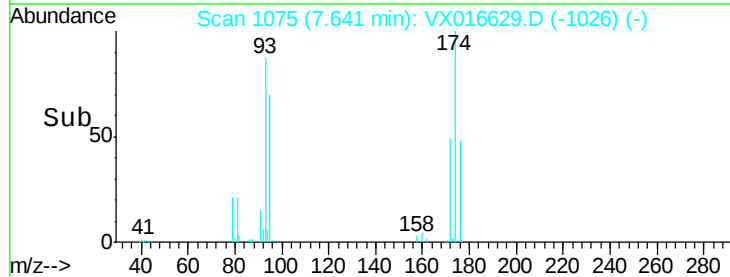
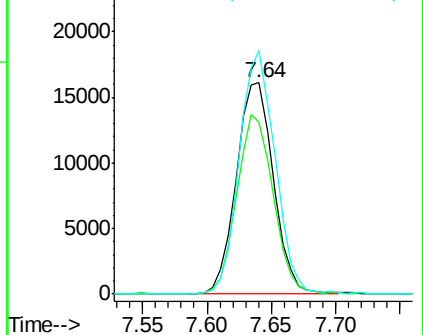
174 110.9 86.2 129.4

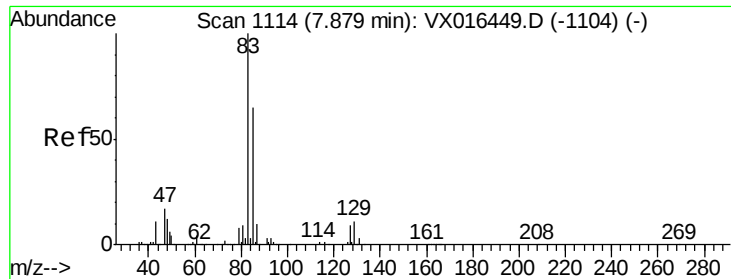


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.144 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

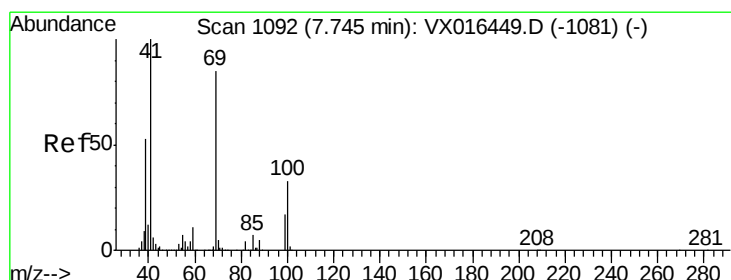
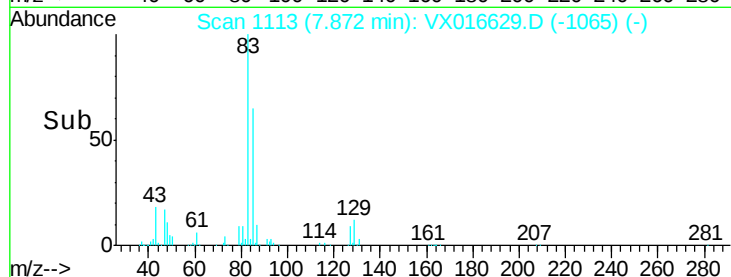
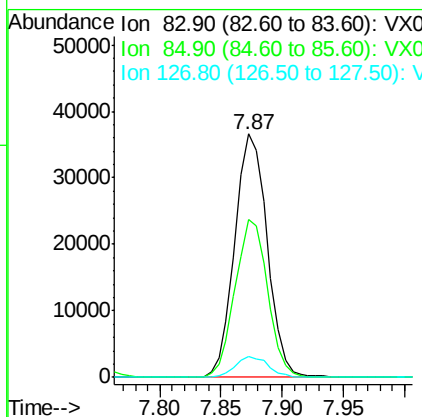
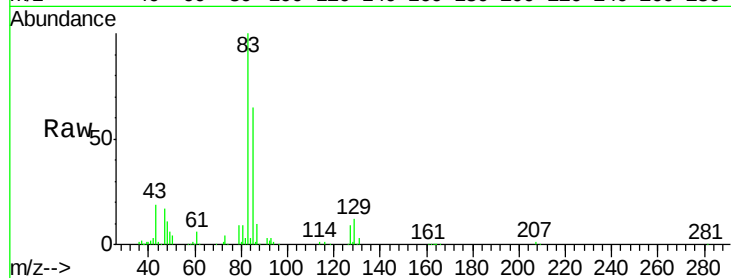
ClientSampleId :

VX0608WBS01

Tot Ion:	83	Resp:	67608
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.0	78.0
127	8.7	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.056 ug/l

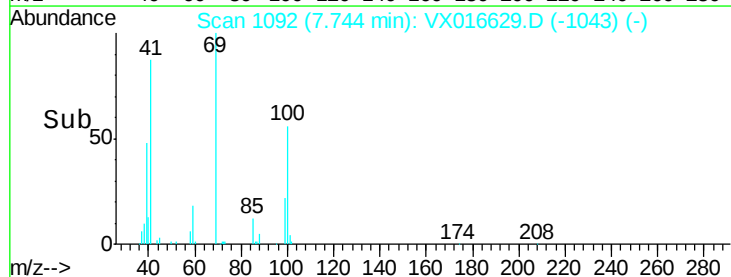
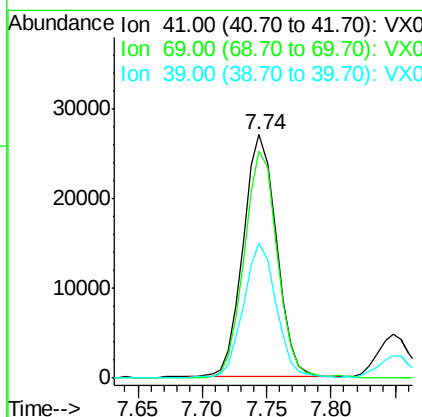
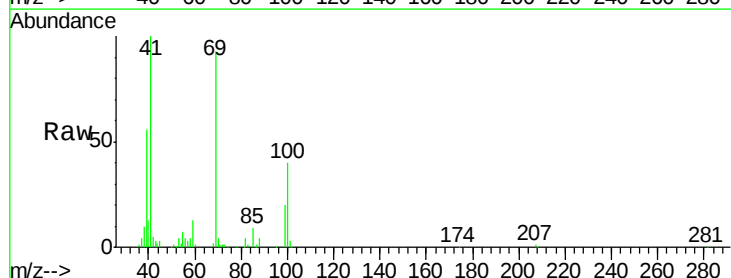
RT: 7.74 min Scan# 1092

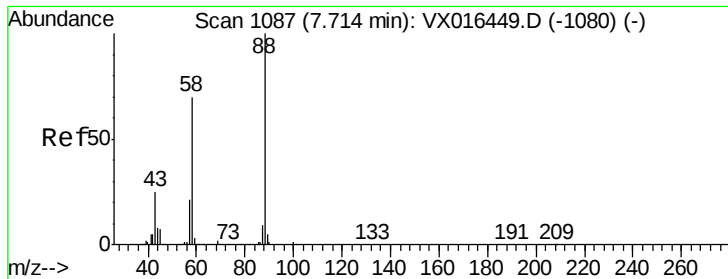
Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion:	41	Resp:	48222
Ion Ratio	Lower	Upper	
41	100		
69	92.7	68.6	102.8
39	54.0	42.4	63.6





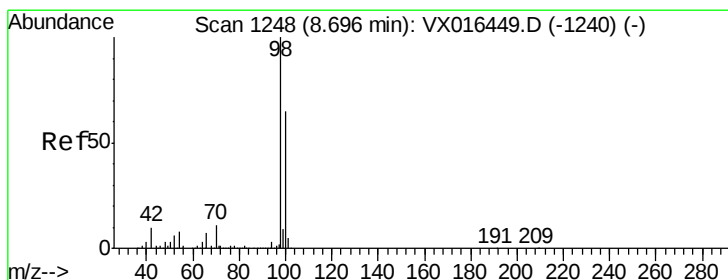
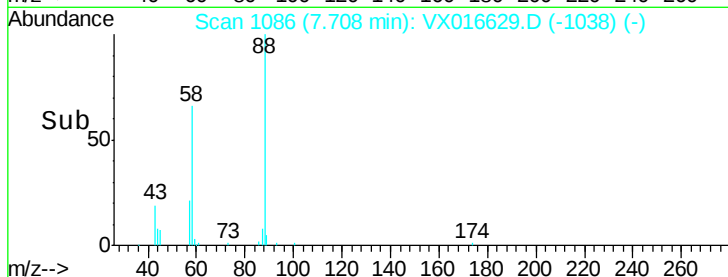
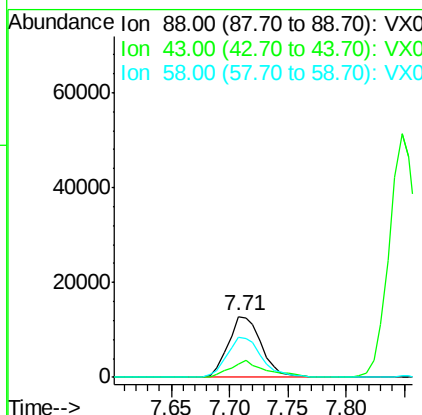
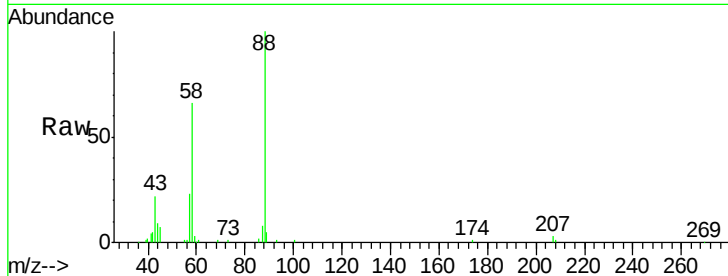
#49
1,4-Dioxane
Concen: 363.674 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	24.2	36.4
58	68.3	56.5	84.7

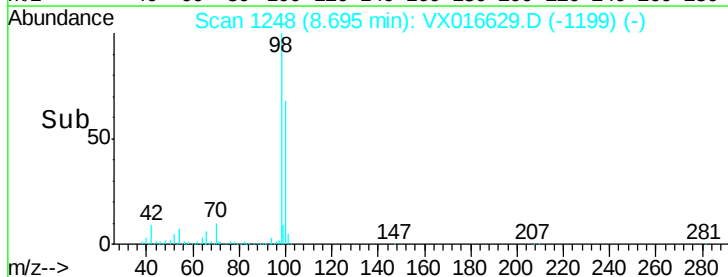
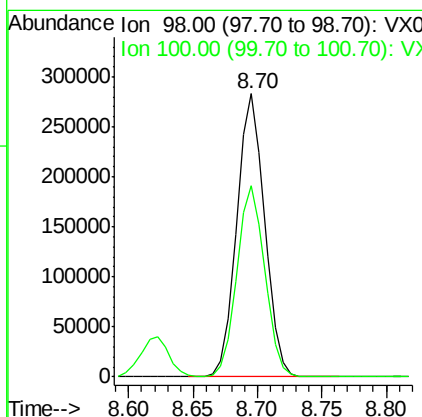
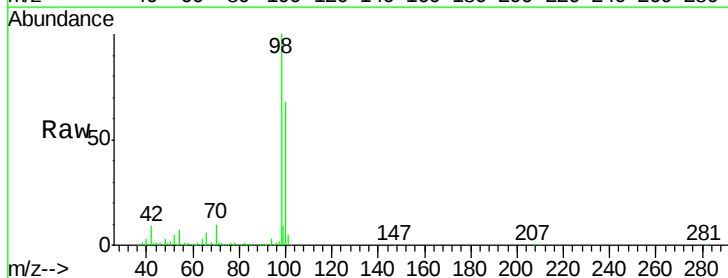
Manual Integrations
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#50
Toluene-d8
Concen: 50.155 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 83.951 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tot Ion: 43 Resp: 327888

Ion Ratio Lower Upper

43 100

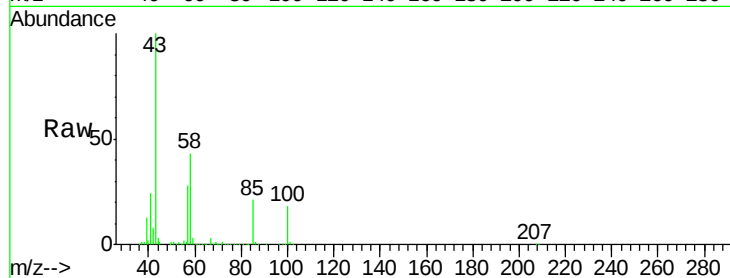
58 43.3 33.0 49.6

Manual Integrations

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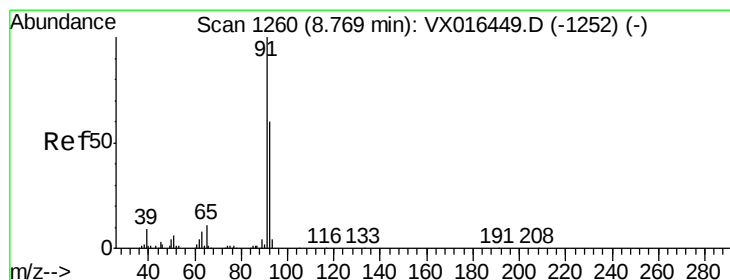
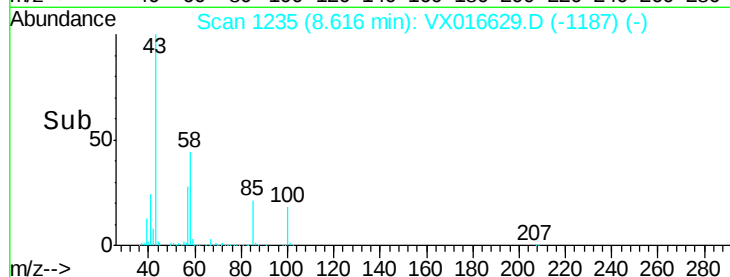
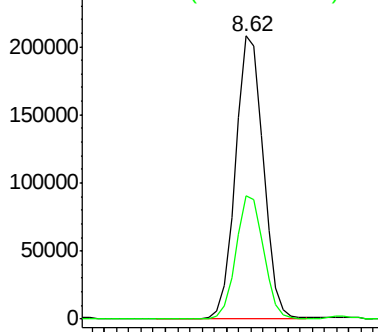
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.843 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016629.D

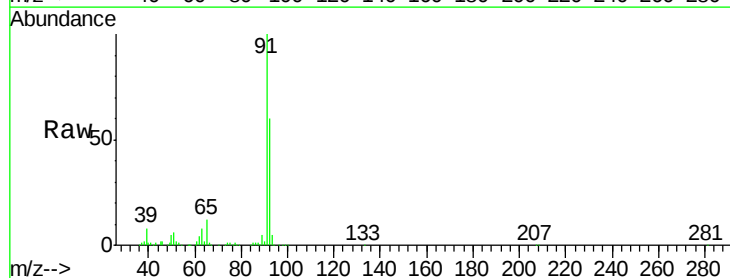
Acq: 08 Jun 2020 11:30

Tgt Ion: 92 Resp: 118525

Ion Ratio Lower Upper

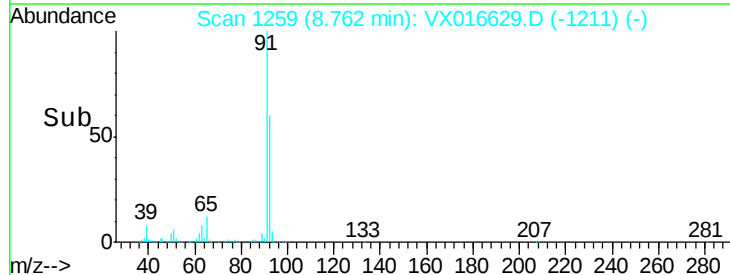
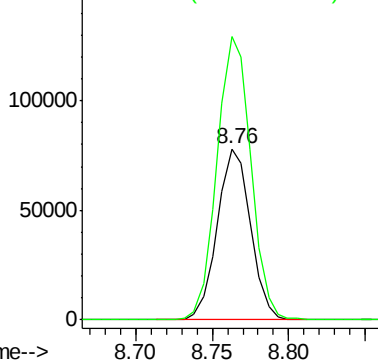
92 100

91 168.4 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.945 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion: 75 Resp: 76079

Ion Ratio Lower Upper

75 100

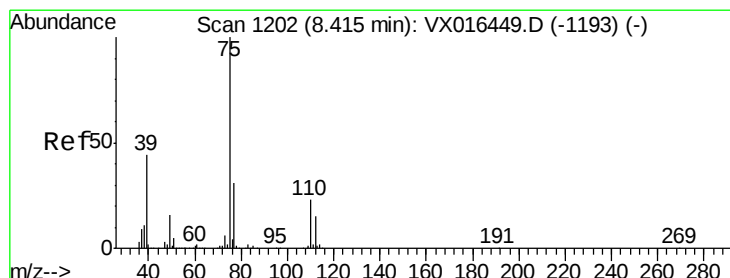
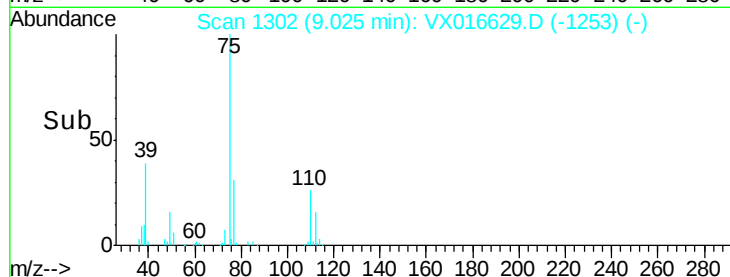
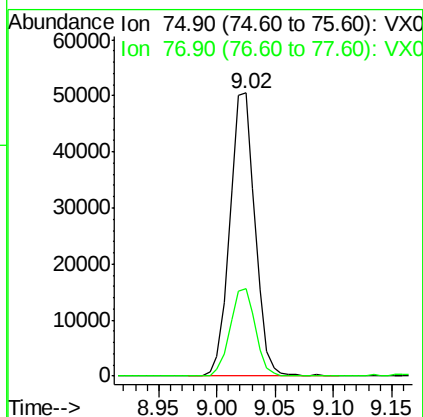
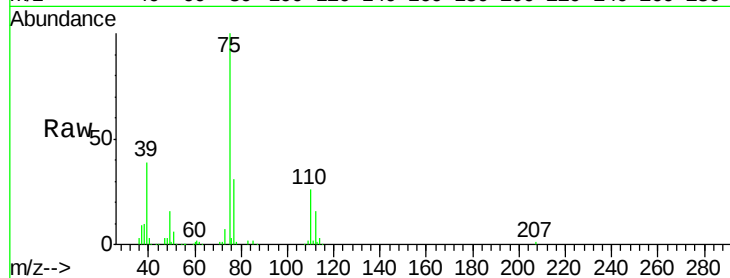
77 30.8 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.922 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

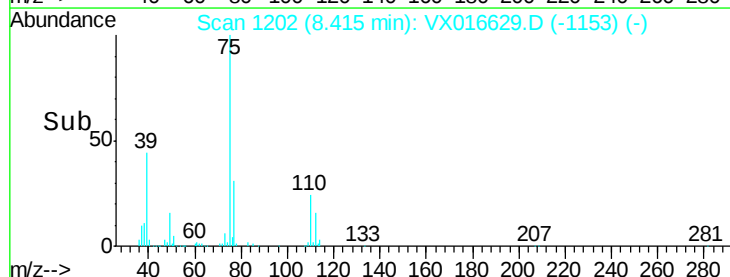
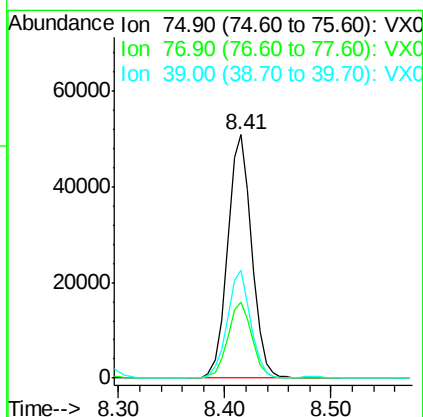
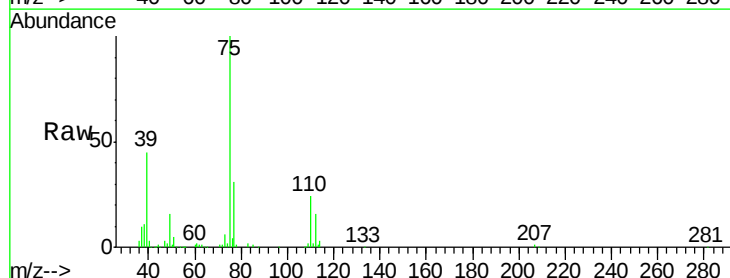
Tgt Ion: 75 Resp: 80430

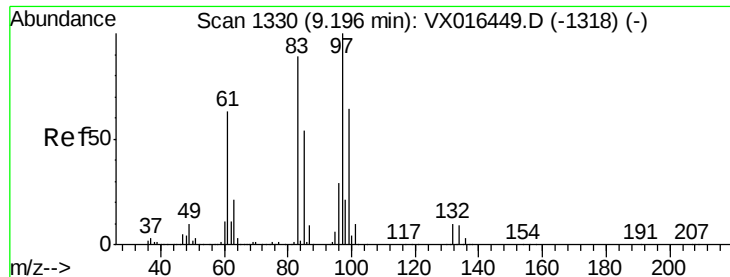
Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

39 44.4 35.3 52.9





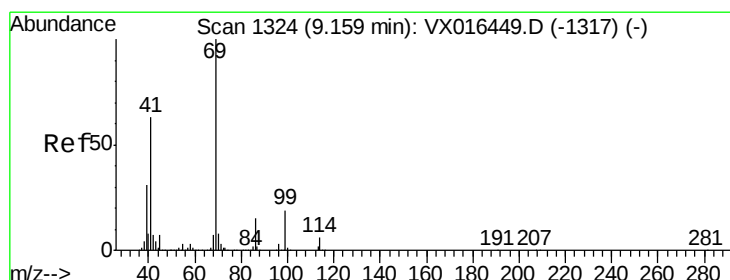
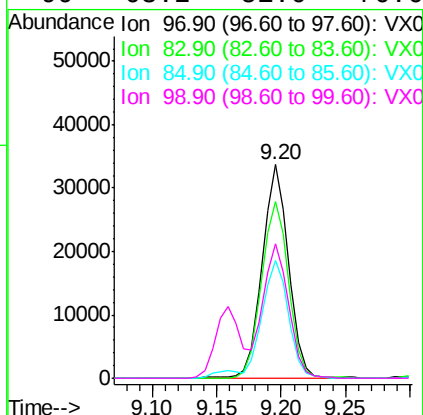
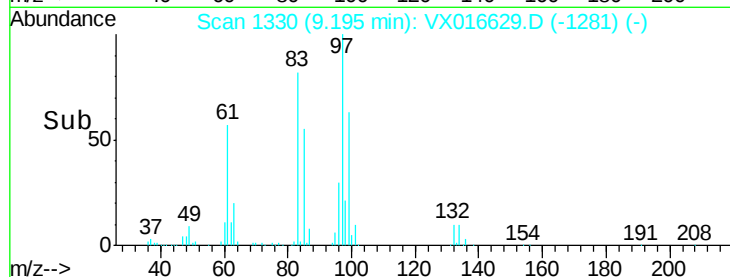
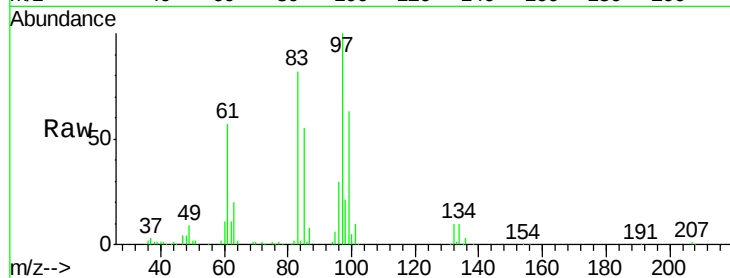
#55
 1,1,2-Trichloroethane
 Concen: 19.050 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tot Ion:	97	Resp:	47642
Ion	Ratio	Lower	Upper
97	100		
83	82.4	70.9	106.3
85	55.3	43.4	65.2
99	63.2	51.0	76.6

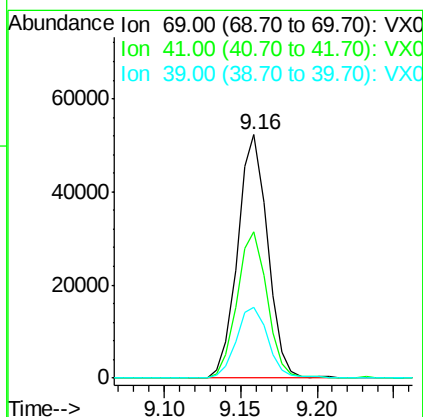
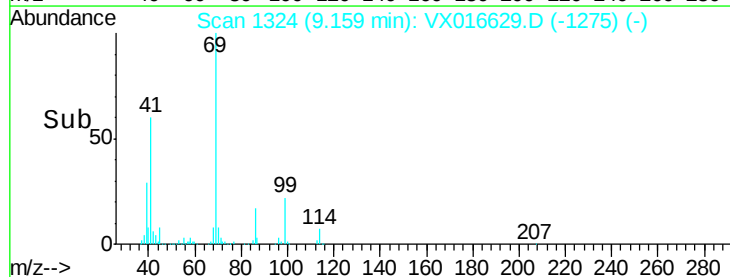
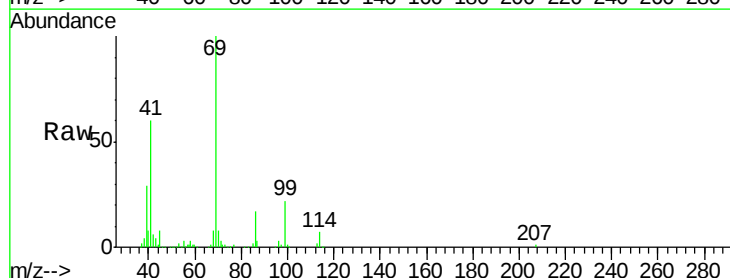
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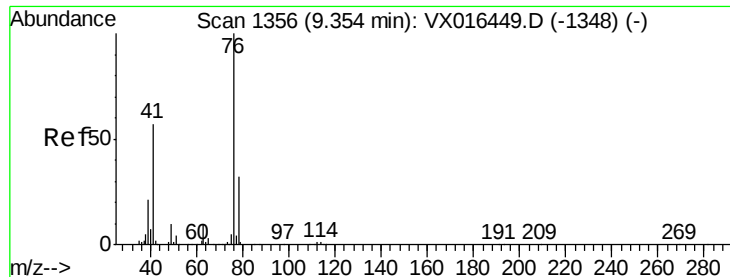
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#56
 Ethyl methacrylate
 Concen: 17.438 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion:	69	Resp:	71025
Ion	Ratio	Lower	Upper
69	100		
41	60.9	50.7	76.1
39	31.0	25.8	38.6





#57

1,3-Dichloropropane

Concen: 18.830 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion: 76 Resp: 80830

Ion Ratio Lower Upper

76 100

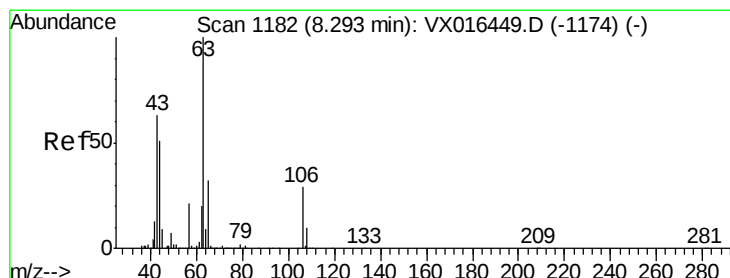
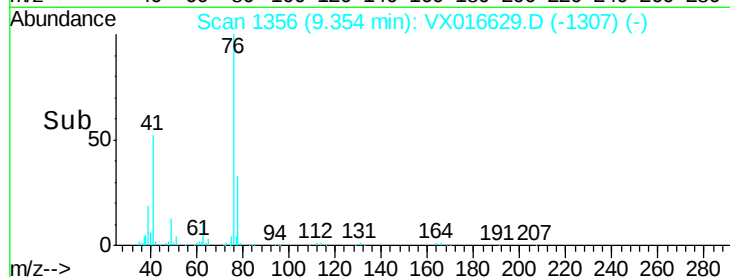
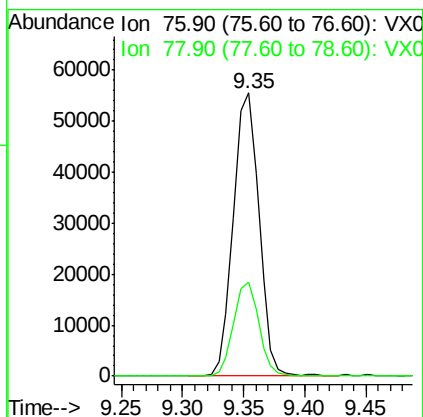
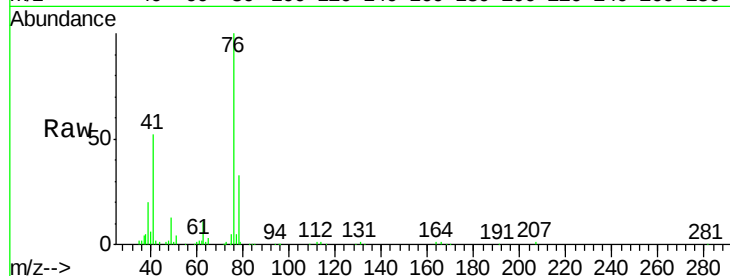
78 32.8 26.2 39.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 86.577 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016629.D

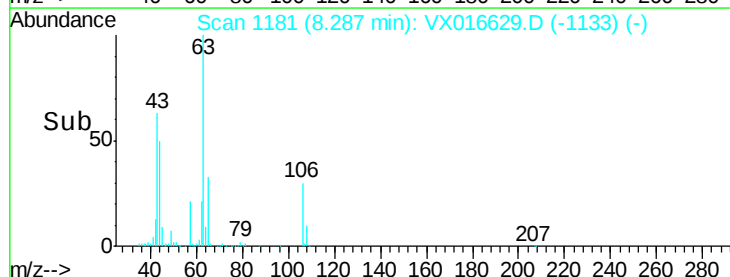
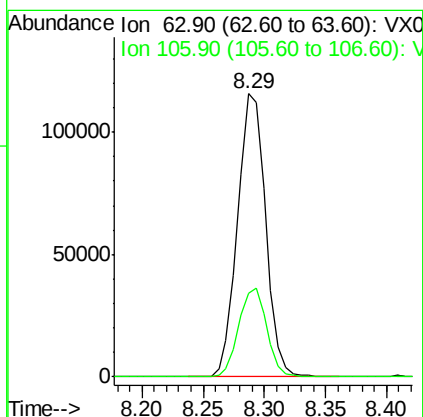
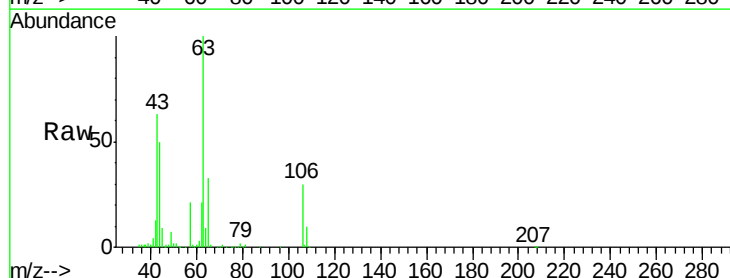
Acq: 08 Jun 2020 11:30

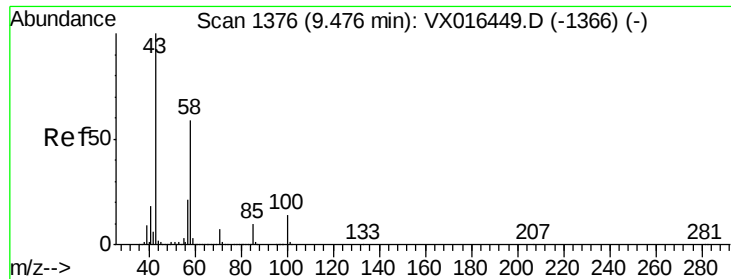
Tgt Ion: 63 Resp: 184058

Ion Ratio Lower Upper

63 100

106 31.5 23.2 34.8





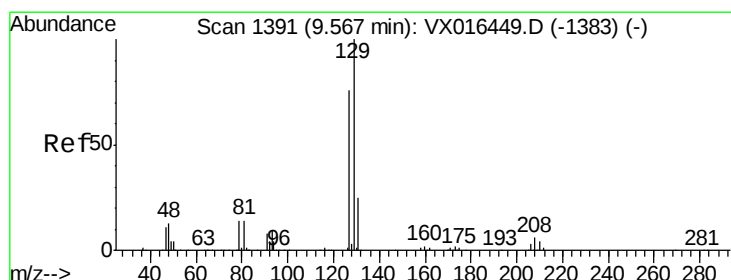
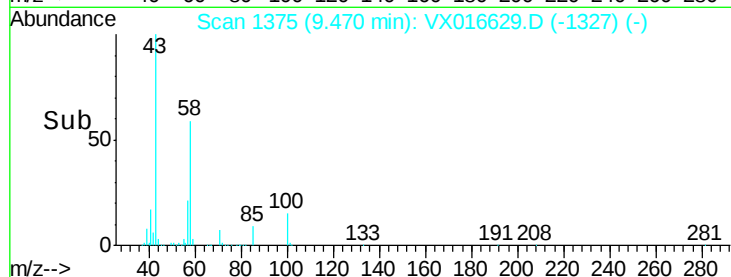
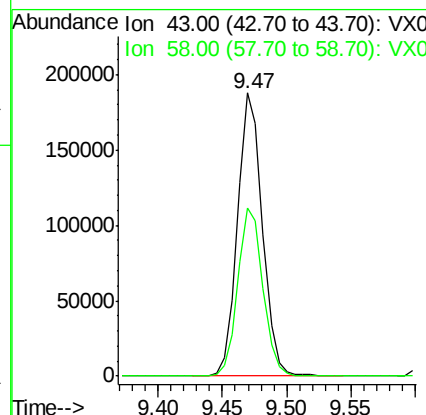
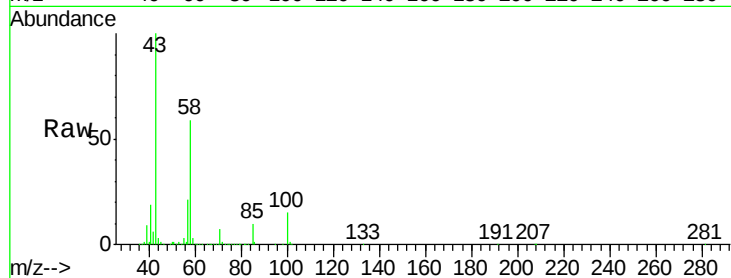
#59
2-Hexanone
Concen: 83.503 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.0	28.8	86.4

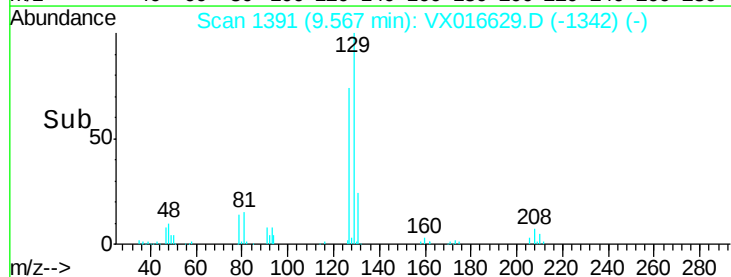
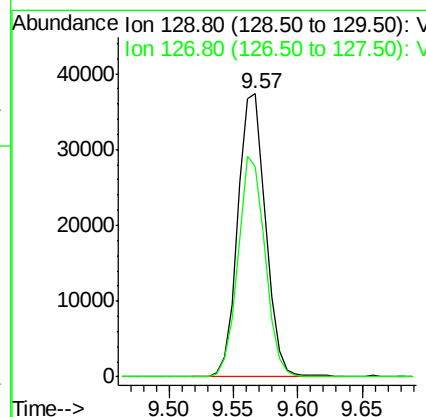
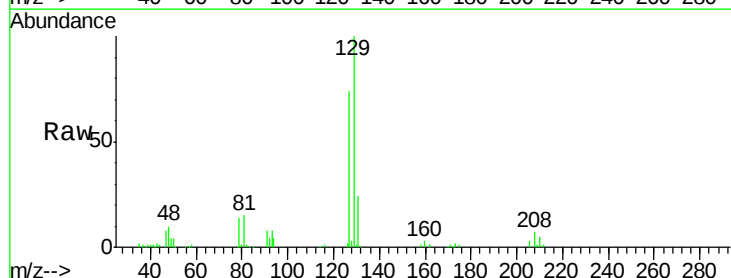
Manual Integrations
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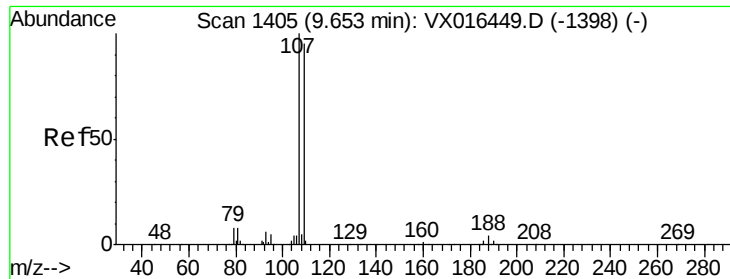
MMDadoda
6/9/2020 11:41:15 AM



#60
Dibromochloromethane
Concen: 19.985 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	38.6	116.0





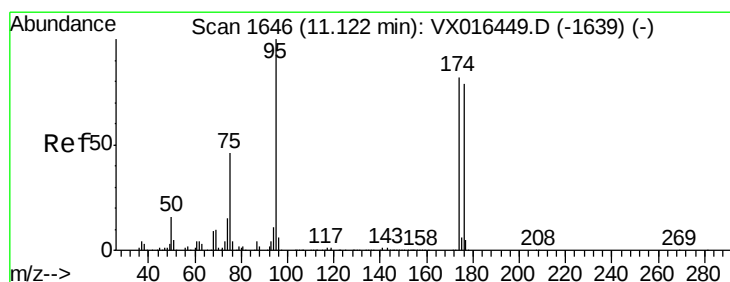
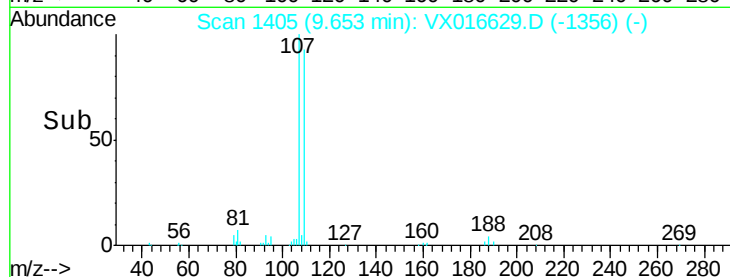
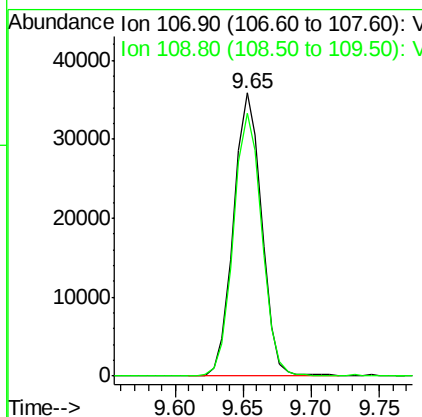
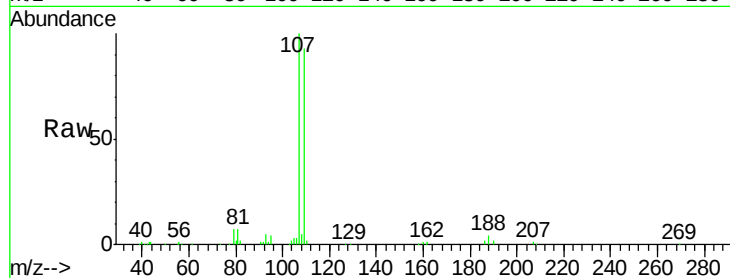
#61
 1,2-Dibromoethane
 Concen: 19.324 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.5	113.3

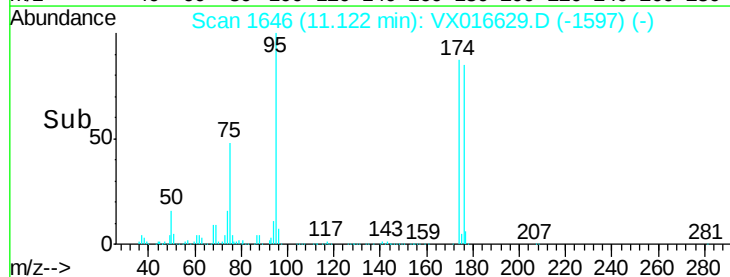
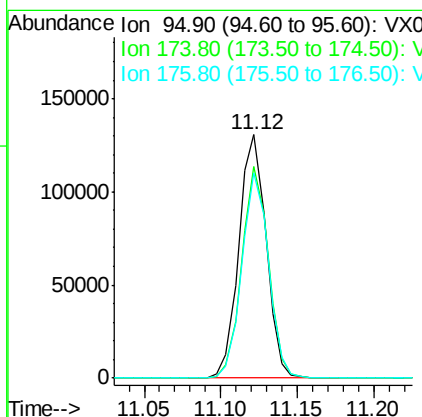
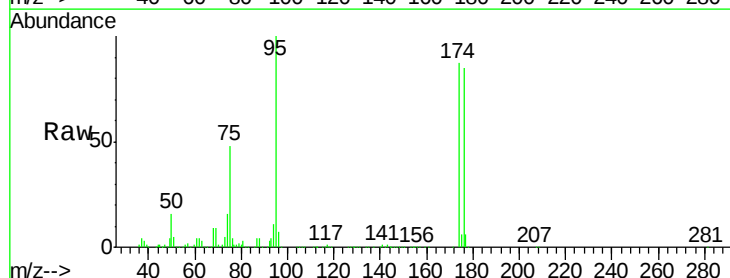
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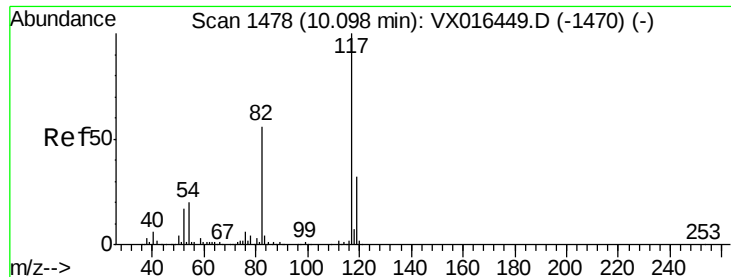
MMDadoda
 6/9/2020 11:41:15 AM



#62
 4-Bromofluorobenzene
 Concen: 49.273 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	163.0
176	82.7	0.0	156.8





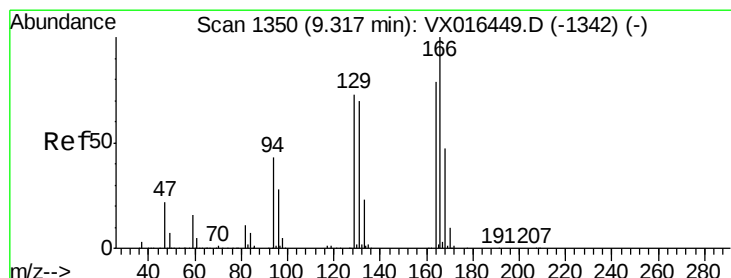
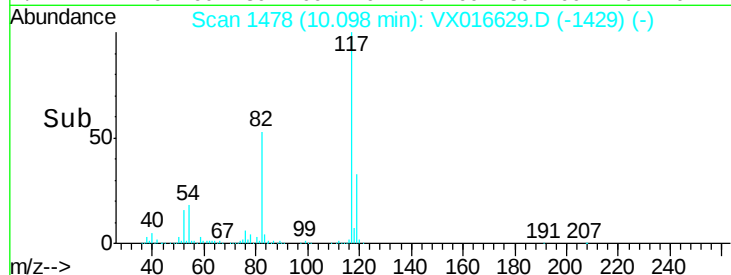
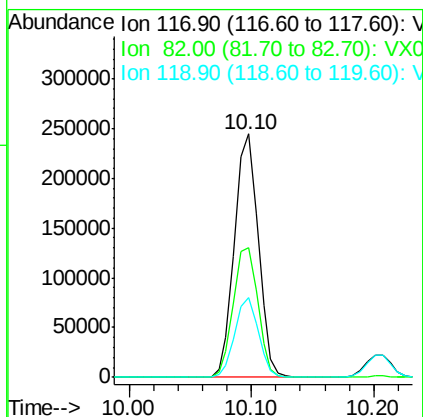
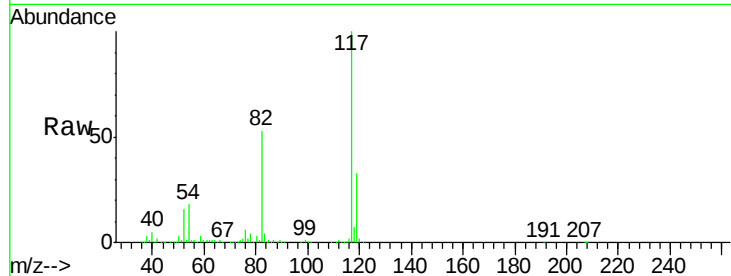
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	330750		
82	53.2	45.0	67.6	
119	32.6	25.8	38.8	

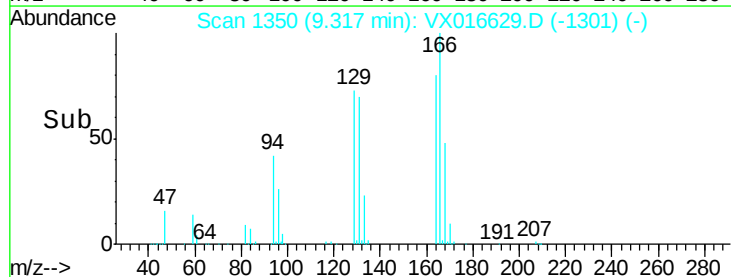
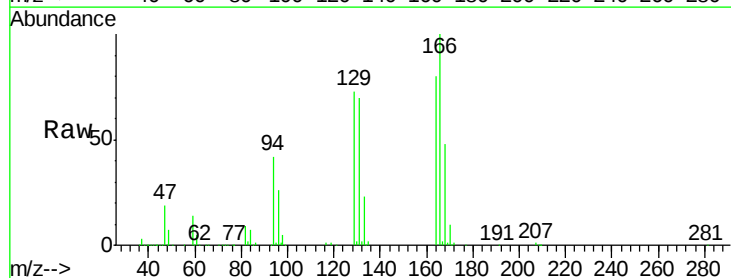
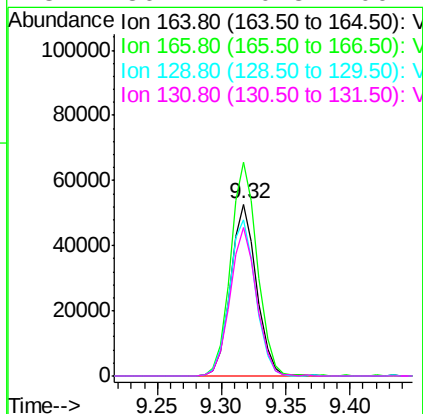
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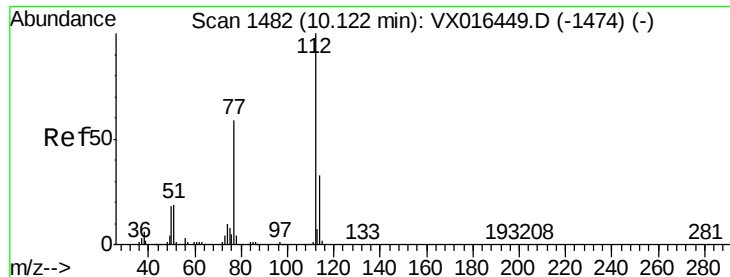
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#64
Tetrachloroethene
Concen: 20.122 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74460		
166	124.3	100.9	151.3	
129	90.8	73.2	109.8	
131	86.7	70.8	106.2	





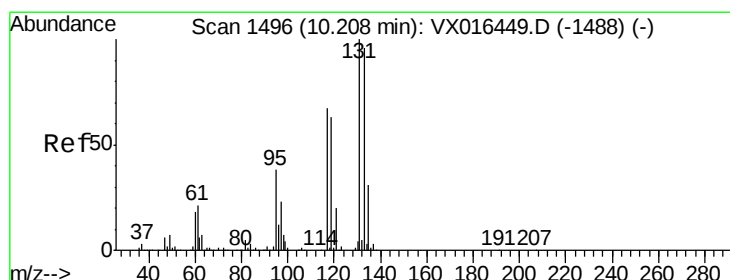
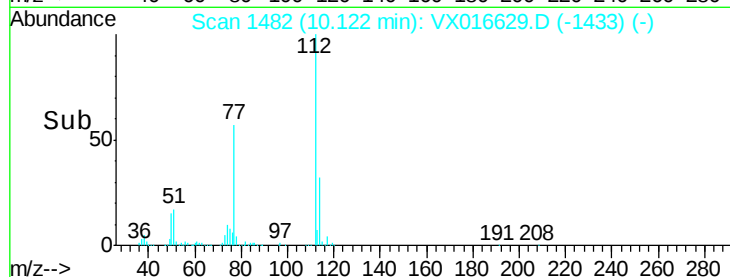
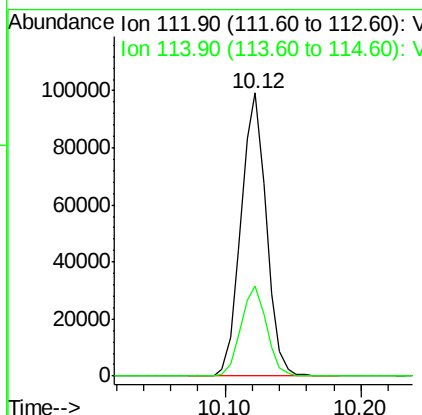
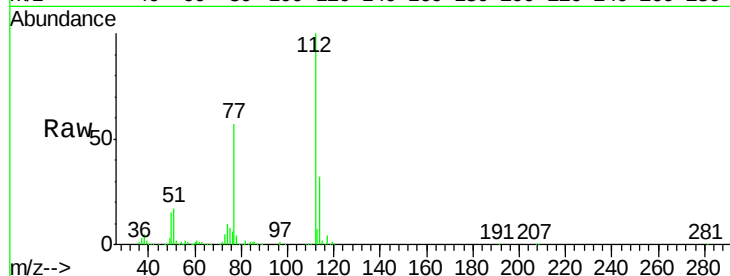
#65
Chlorobenzene
Concen: 19.125 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion:112 Resp: 128962
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

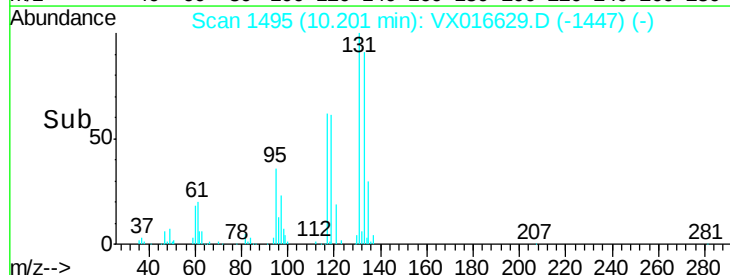
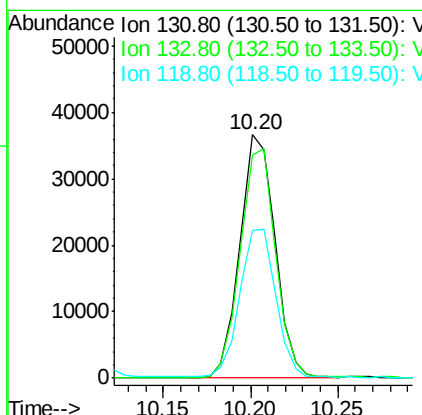
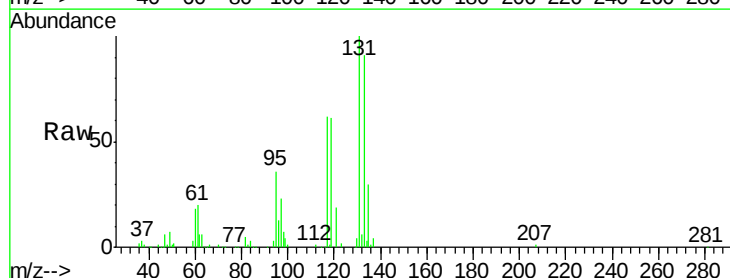
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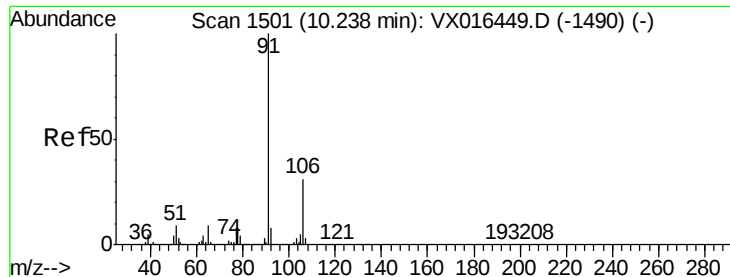
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.999 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:131 Resp: 51477
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.3
119 63.4 32.0 96.2





#67

Ethyl Benzene

Concen: 18.481 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0608WBS01

Tot Ion: 91 Resp: 221870

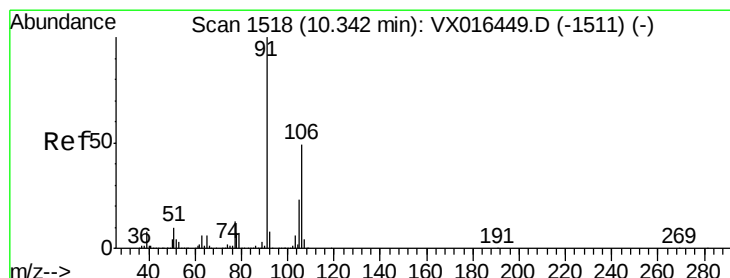
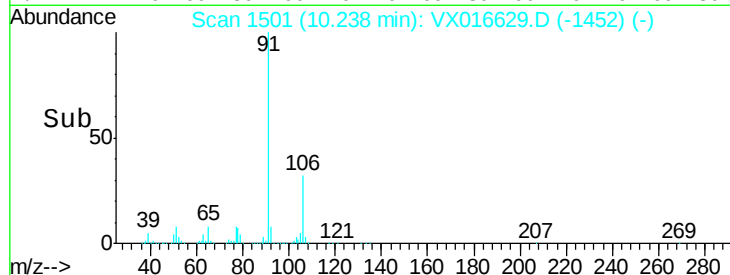
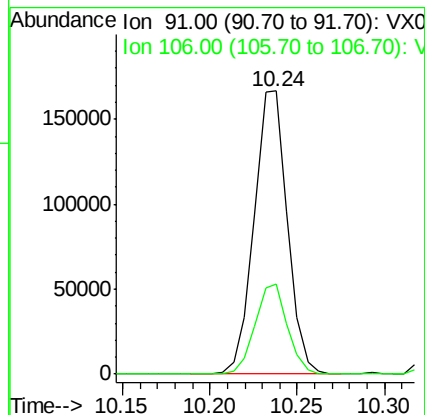
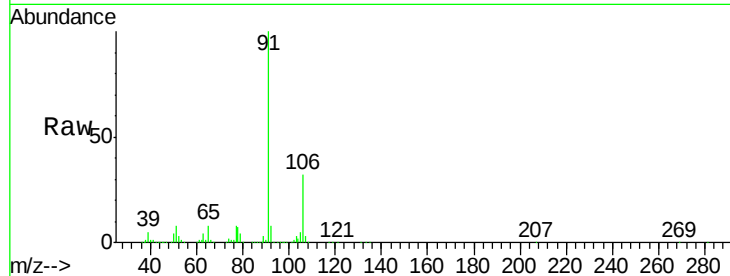
Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4

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#68

m/p-Xylenes

Concen: 37.952 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016629.D

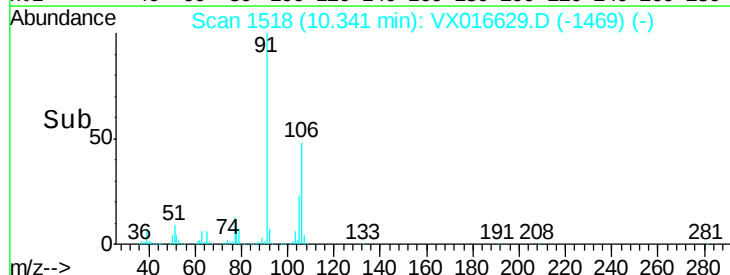
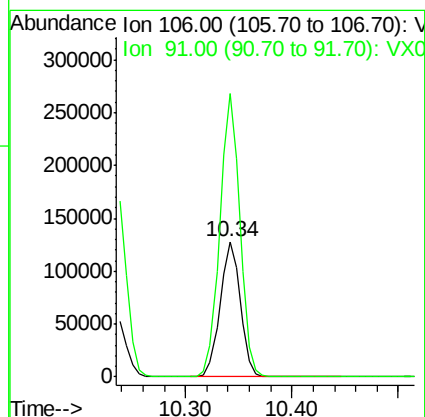
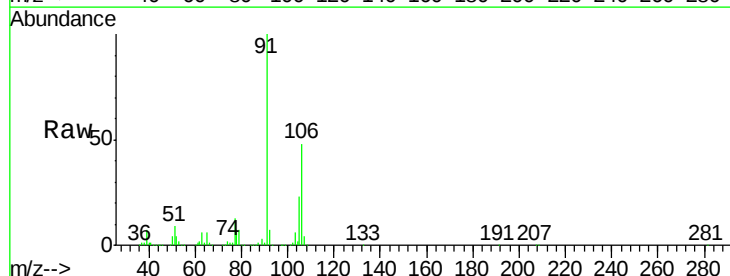
Acq: 08 Jun 2020 11:30

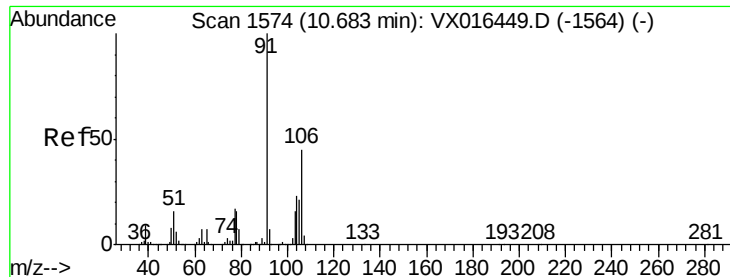
Tgt Ion: 106 Resp: 168937

Ion Ratio Lower Upper

106 100

91 207.6 163.8 245.8





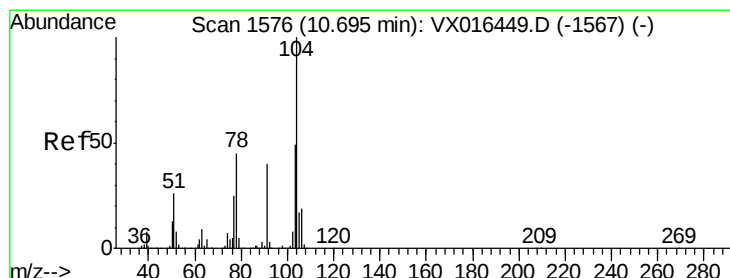
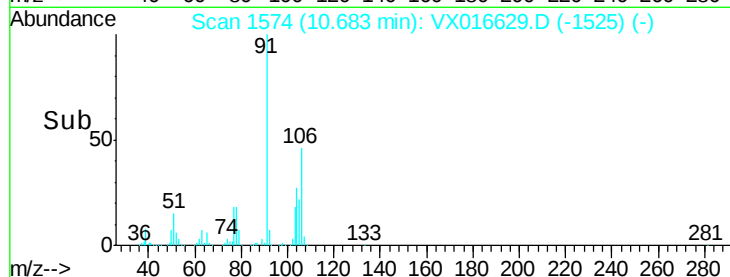
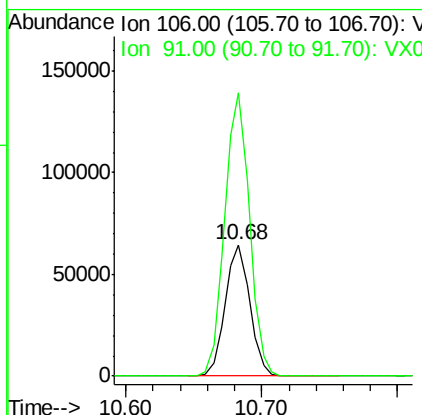
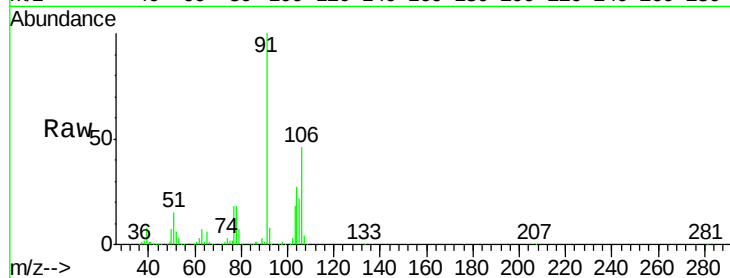
#69
o-Xylene
Concen: 18.766 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampled :
VX0608WBS01

Tot Ion:106 Resp: 80900
Ion Ratio Lower Upper
106 100
91 218.3 109.6 328.8

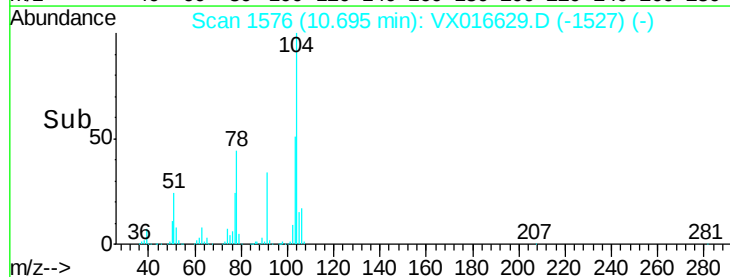
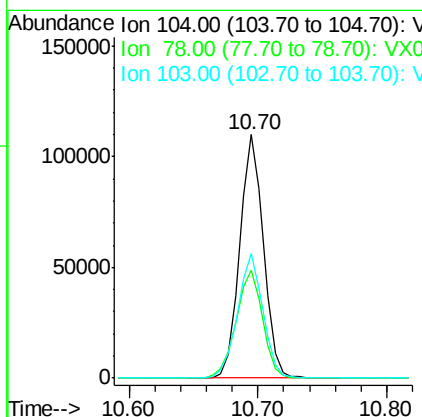
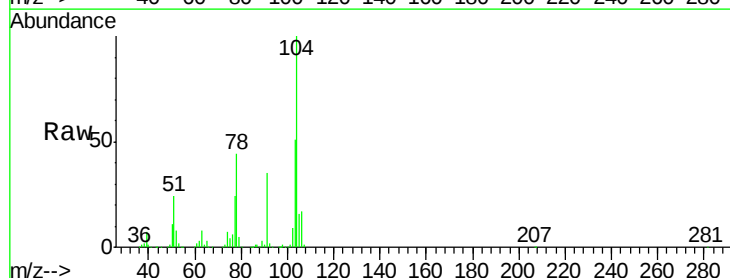
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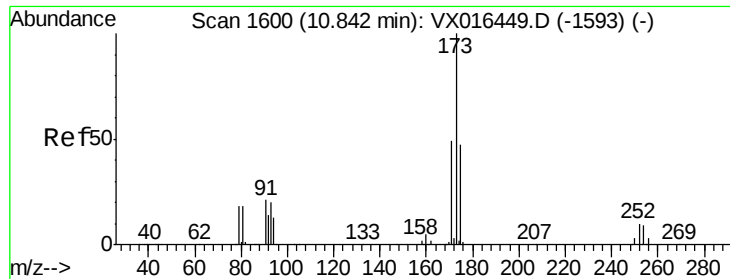
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#70
Styrene
Concen: 18.863 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion:104 Resp: 139770
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 54.9 43.1 64.7





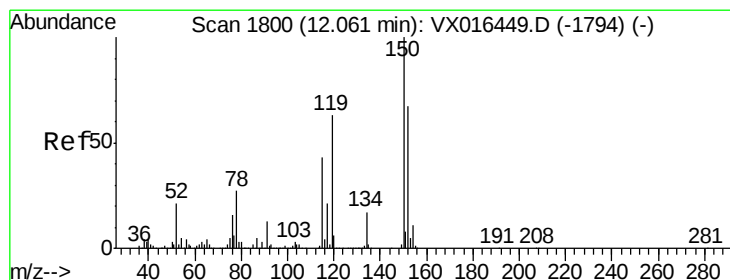
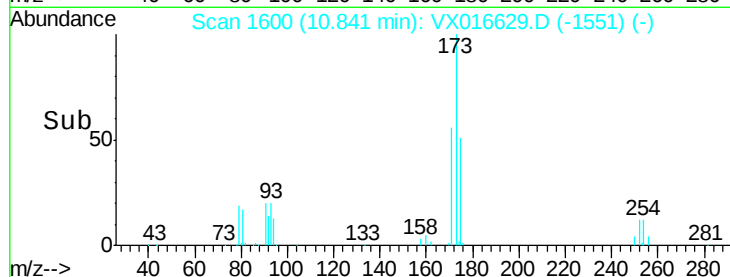
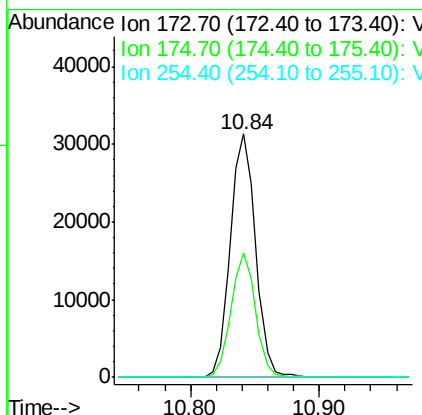
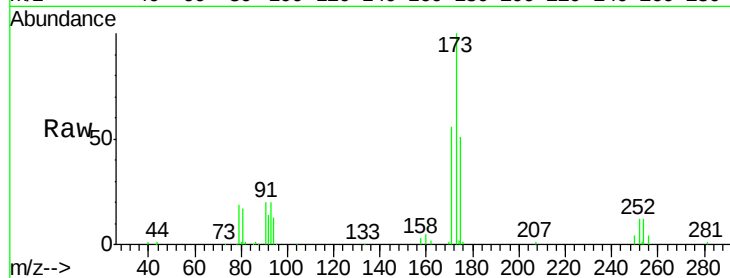
#71
Bromoform
Concen: 19.840 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	23.9	71.7
254	0.1	0.1	0.1#

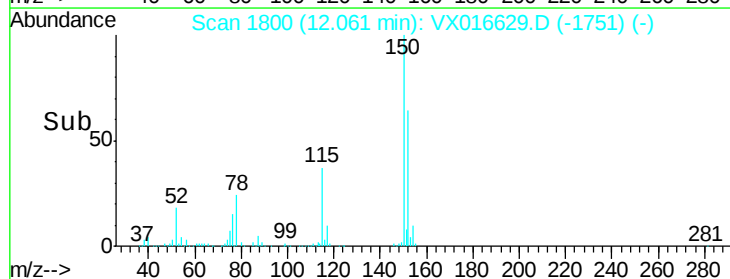
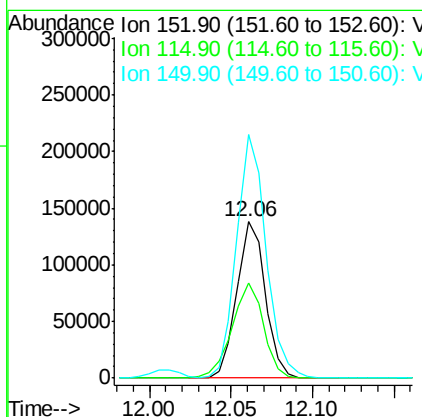
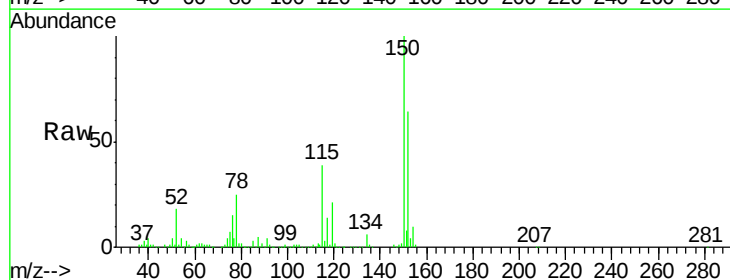
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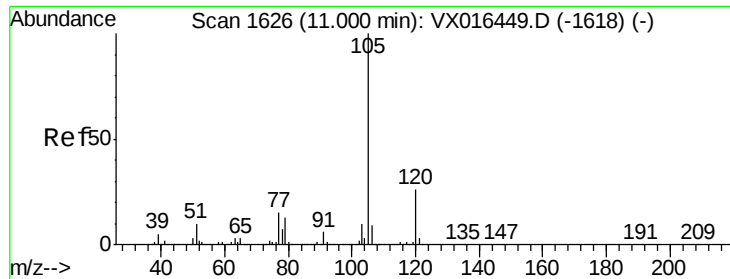
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.0	39.9	119.6
150	161.8	0.0	341.0





#73

Isopropylbenzene

Concen: 18.868 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion: 105 Resp: 219647

Ion Ratio Lower Upper

105 100

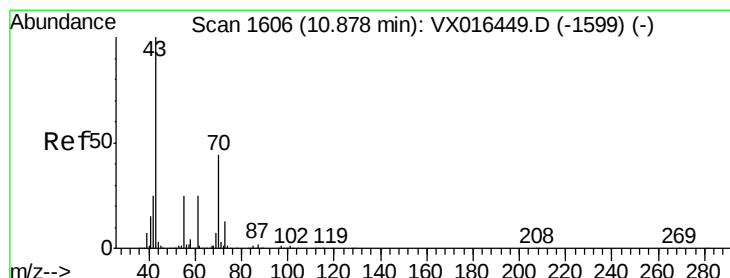
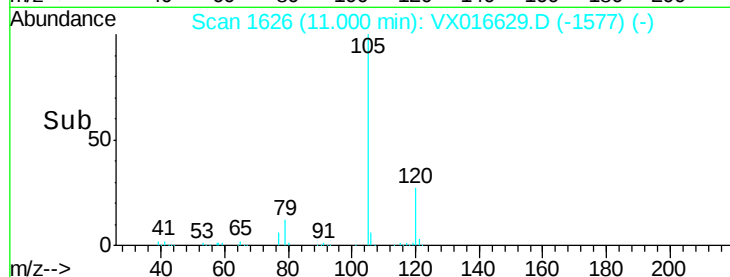
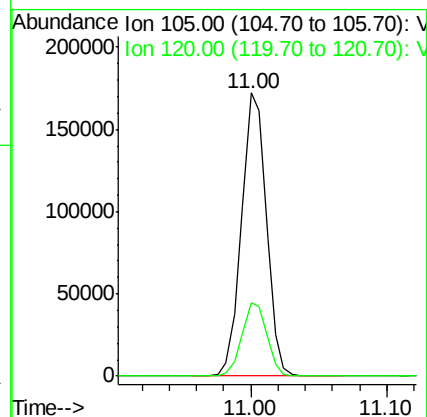
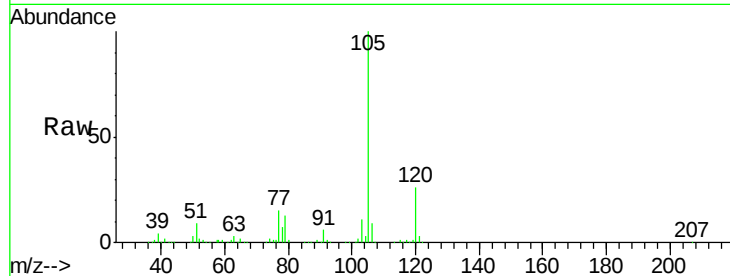
120 26.1 13.1 39.3

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#74

N-ethyl acetate

Concen: 15.861 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion: 43 Resp: 84933

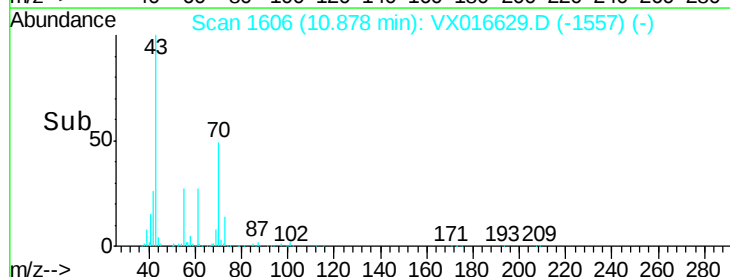
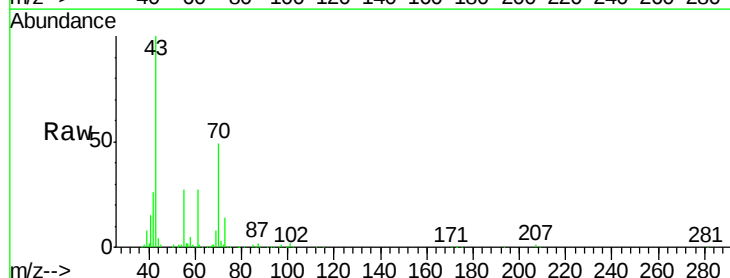
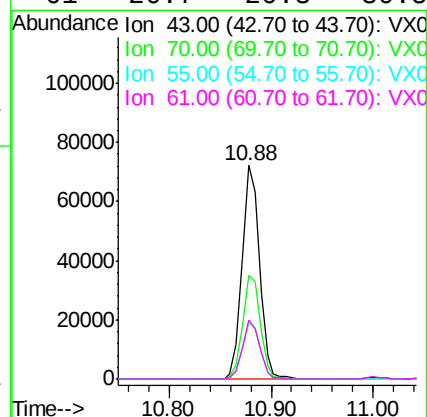
Ion Ratio Lower Upper

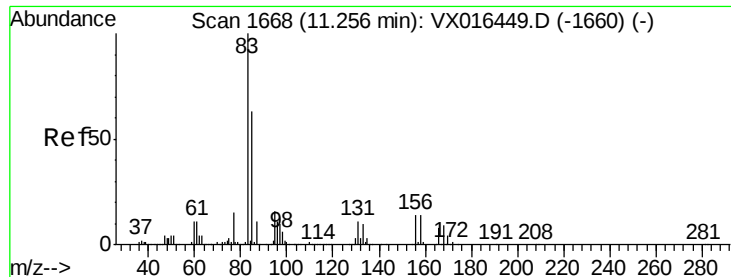
43 100

70 49.0 36.1 54.1

55 26.9 20.2 30.4

61 26.7 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.214 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

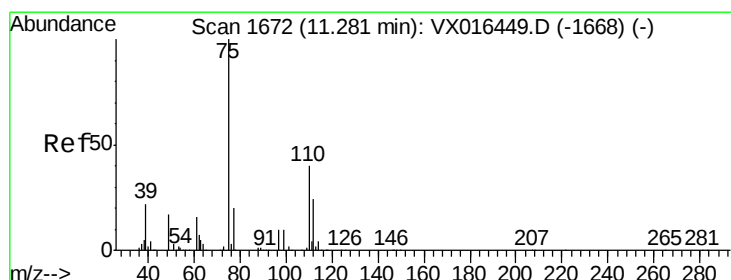
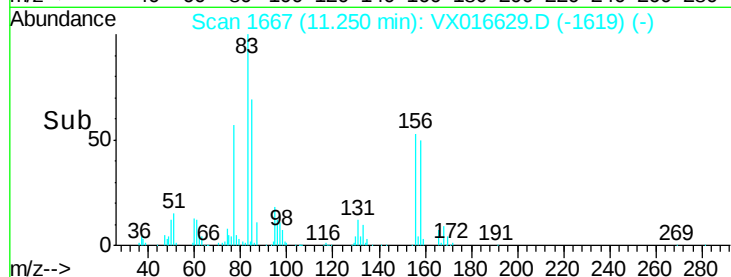
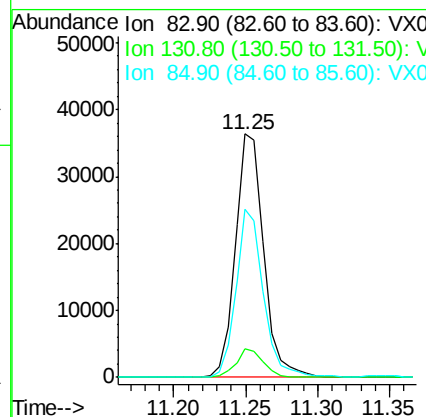
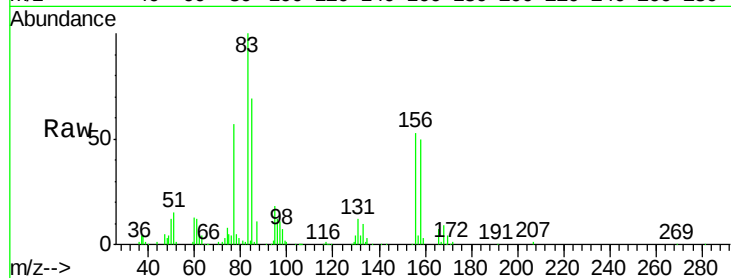
ClientSampled :

VX0608WBS01

Tot Ion:	83	Resp:	50222
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.3
85	66.8	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 18.440 ug/l m

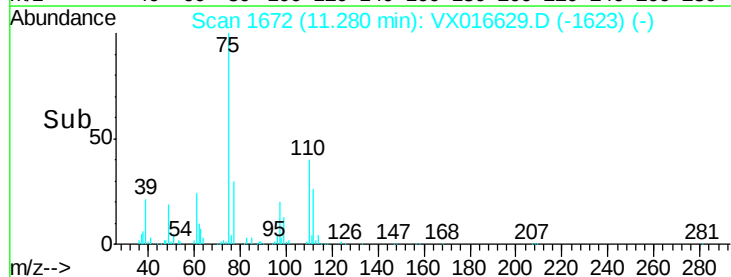
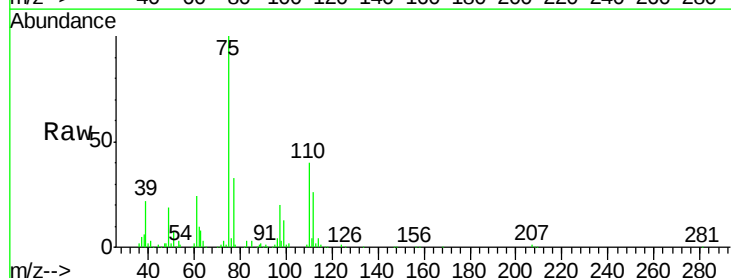
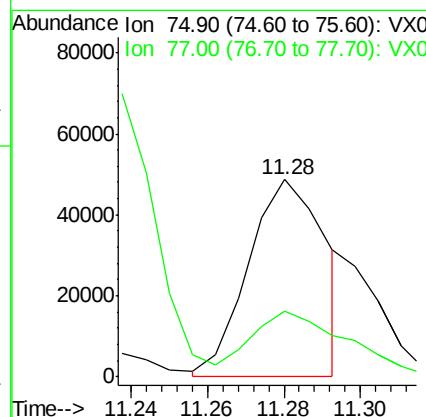
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion:	75	Resp:	68098
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.3	63.7





#77

Bromobenzene

Concen: 18.902 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

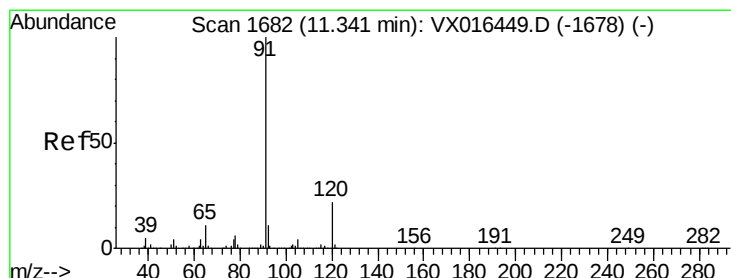
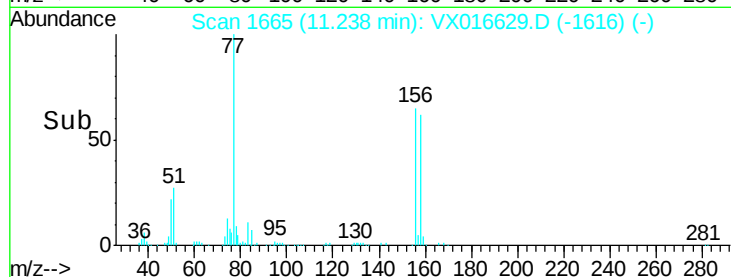
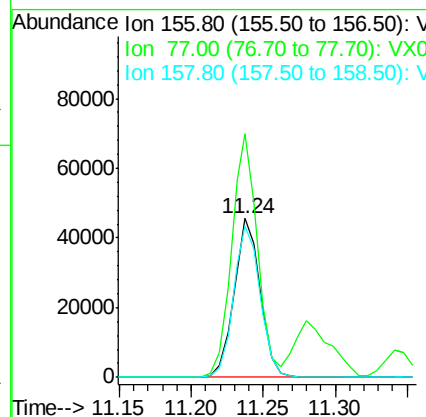
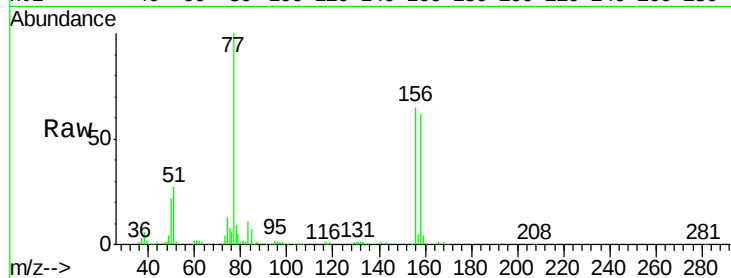
ClientSampleId :

VX0608WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.0	79.6	238.8
158	97.6	48.1	144.4

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6/9/2020 11:41:15 AM



#78

n-propylbenzene

Concen: 18.449 ug/l

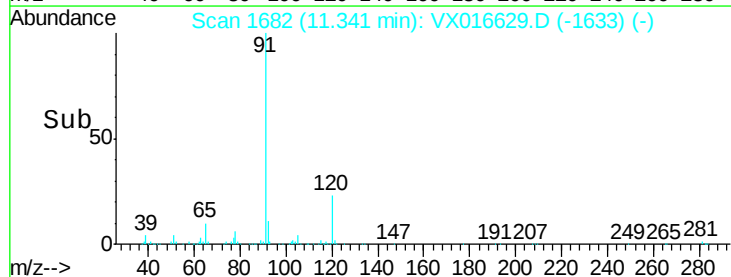
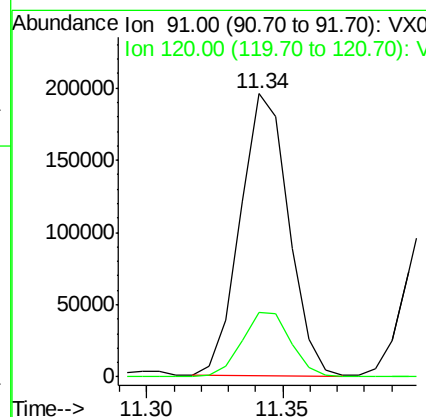
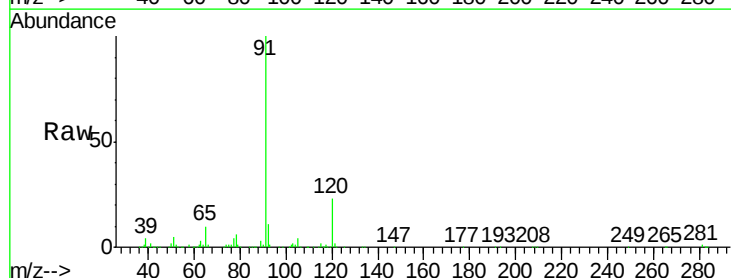
RT: 11.34 min Scan# 1682

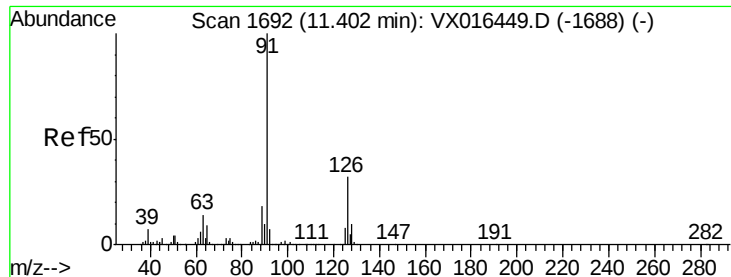
Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.6	34.7





#79

2-Chlorotoluene

Concen: 18.746 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0608WBS01

Tot Ion: 91 Resp: 148819

Ion Ratio Lower Upper

91 100

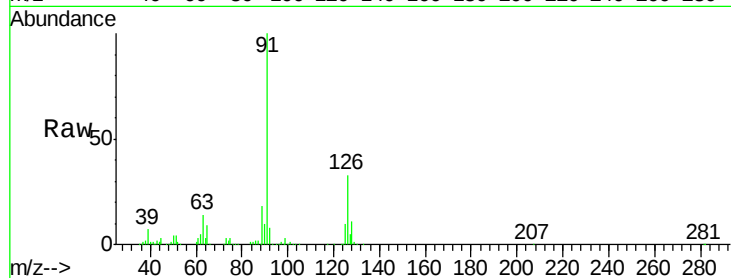
126 34.3 16.8 50.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

200000

150000

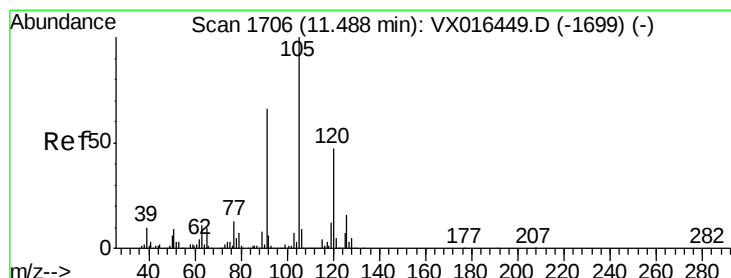
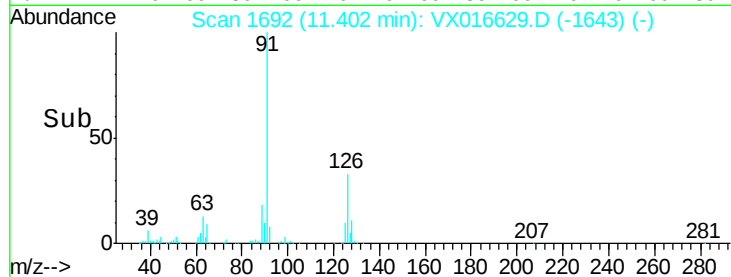
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.305 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016629.D

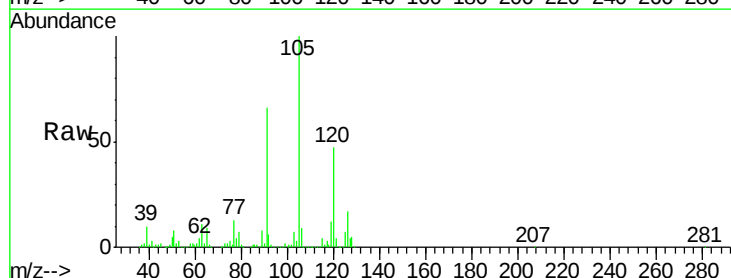
Acq: 08 Jun 2020 11:30

Tgt Ion: 105 Resp: 187650

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

150000

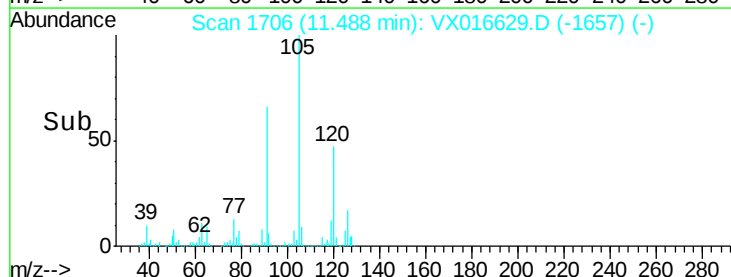
100000

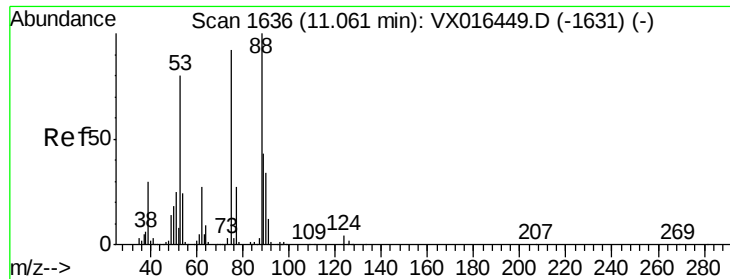
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0

11.40 11.50

Time-->





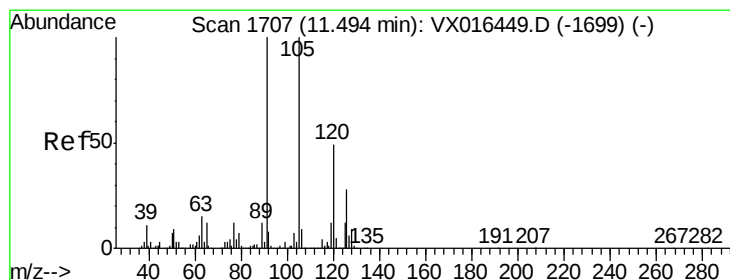
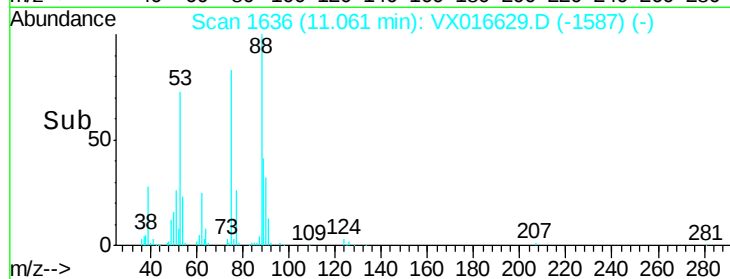
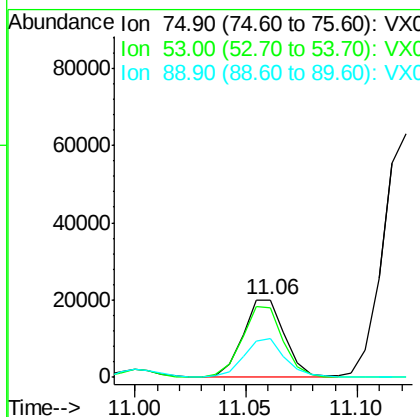
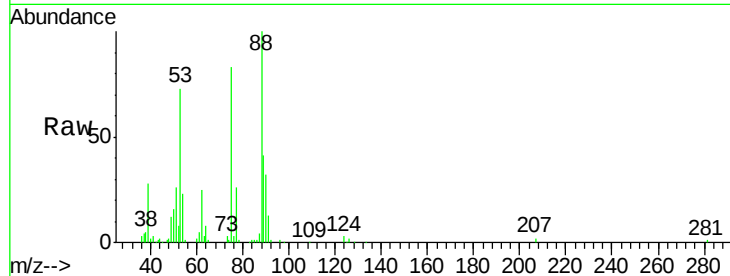
#81
trans-1,4-Dichloro-2-butene
Concen: 17.449 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	71.3	106.9
89	50.2	36.6	55.0

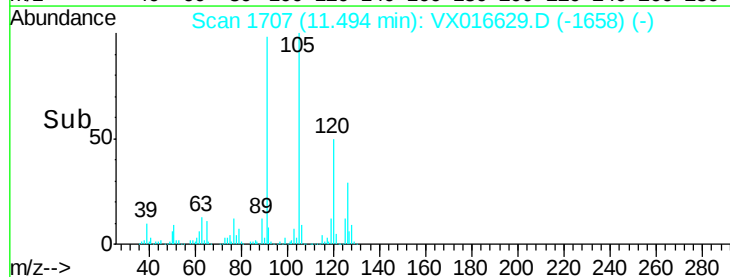
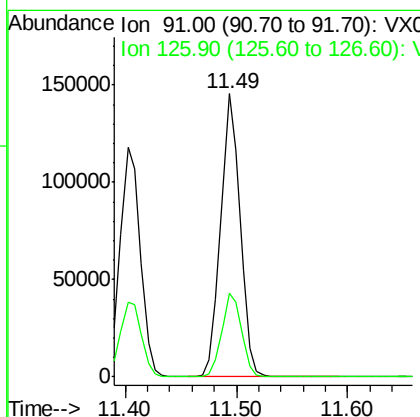
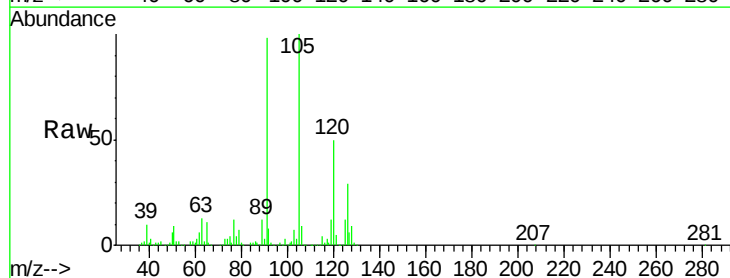
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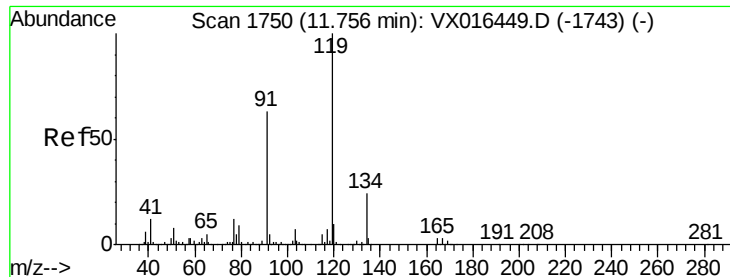
MMDadoda
6/9/2020 11:41:15 AM



#82
4-Chlorotoluene
Concen: 18.889 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.7	44.1





#83

tert-Butylbenzene

Concen: 19.334 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Instrument :

MSVOA_X

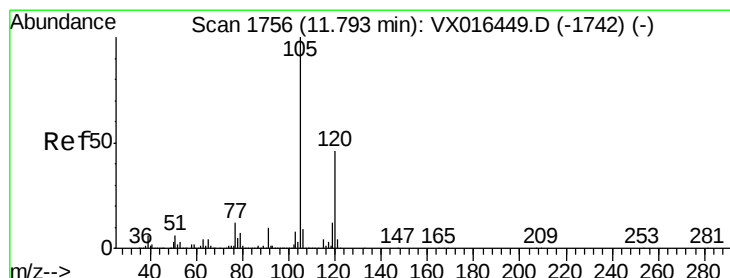
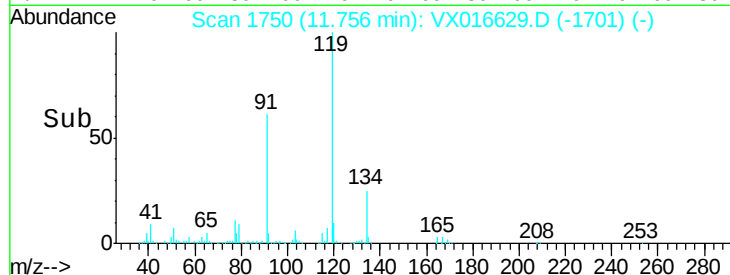
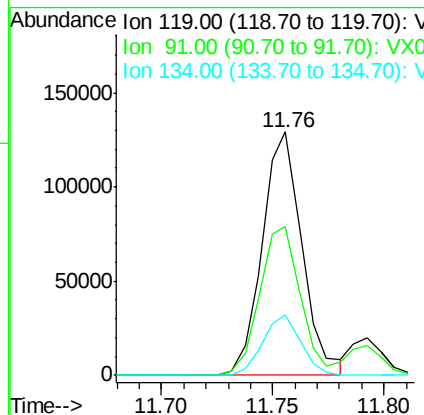
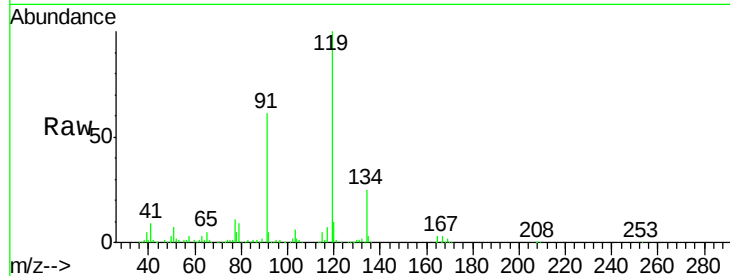
ClientSampleId :

VX0608WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	160580		
91	62.1	31.3	93.8	
134	23.8	12.0	36.0	

Manual Integrations
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6/9/2020 11:41:15 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.123 ug/l

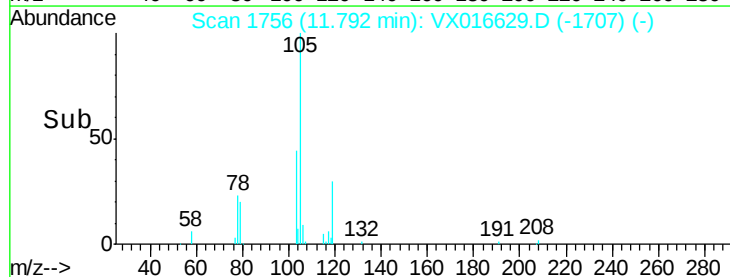
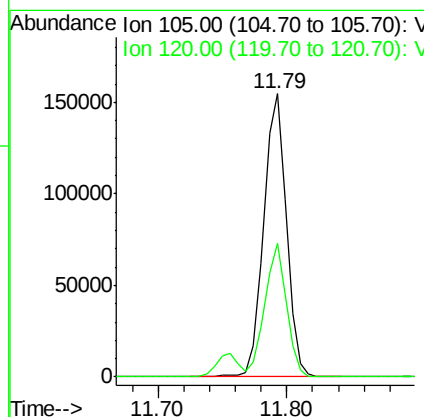
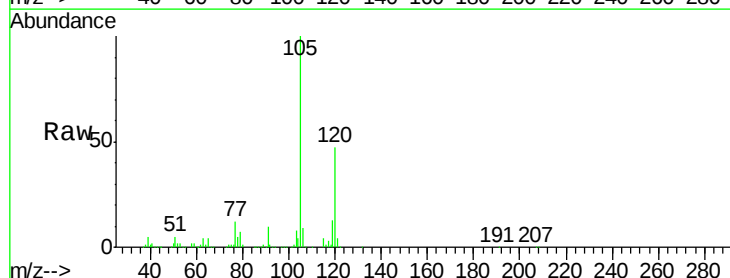
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016629.D

Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187987		
120	45.0	22.6	67.7	





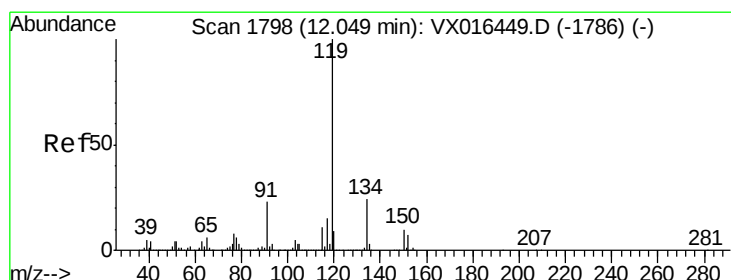
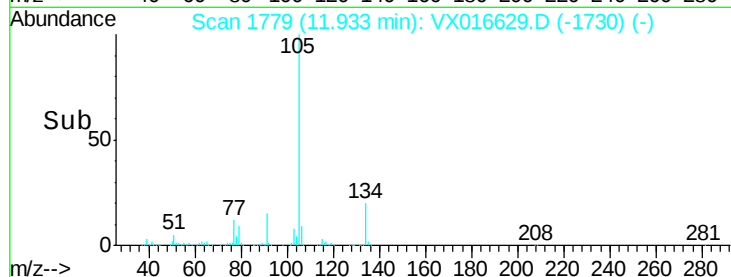
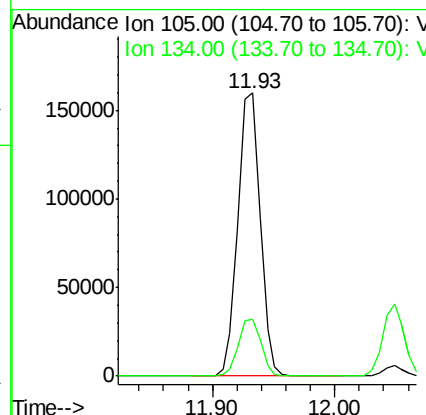
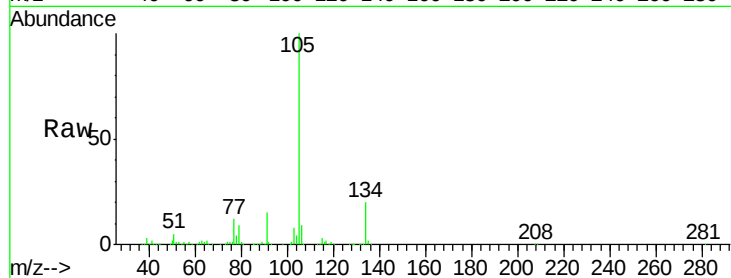
#85
 sec-Butylbenzene
 Concen: 19.241 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

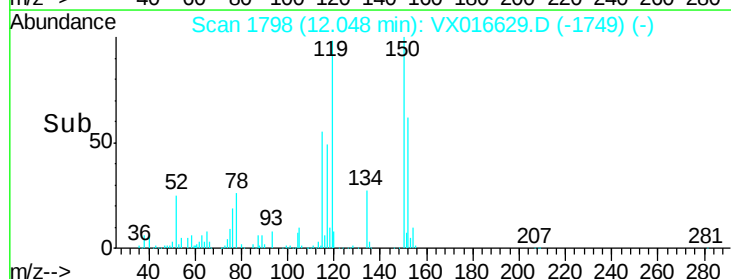
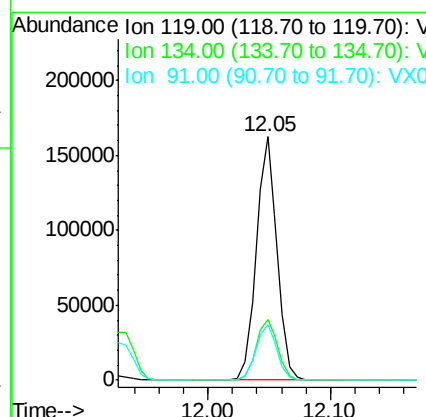
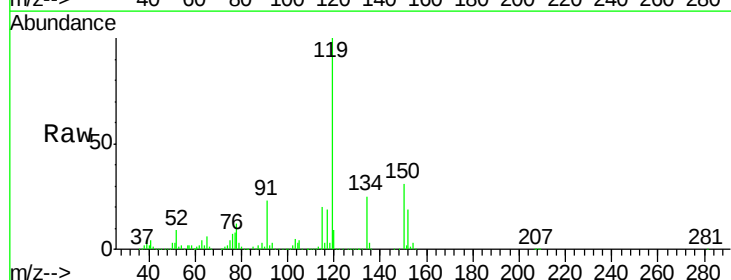
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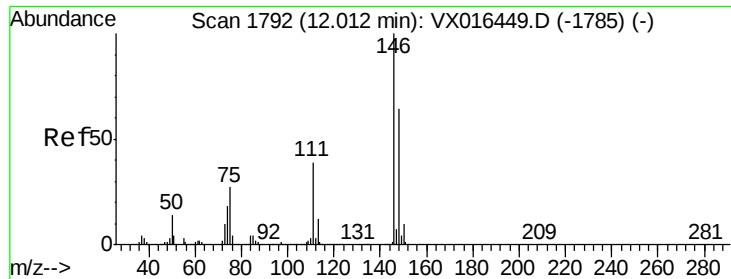
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#86
 p-Isopropyltoluene
 Concen: 19.583 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.7	38.0
91	23.4	11.7	35.0





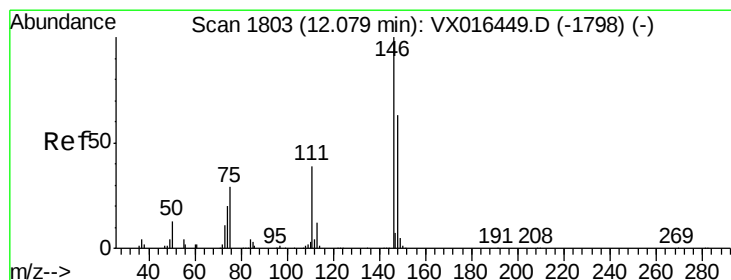
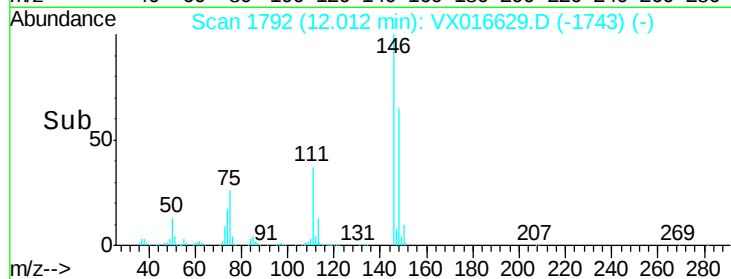
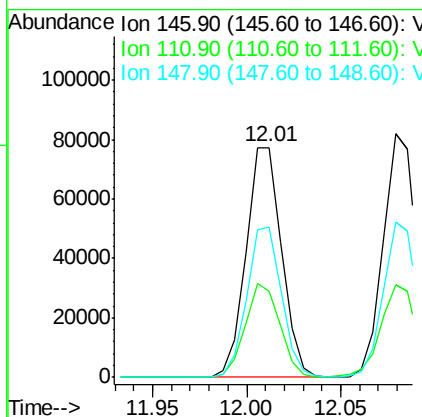
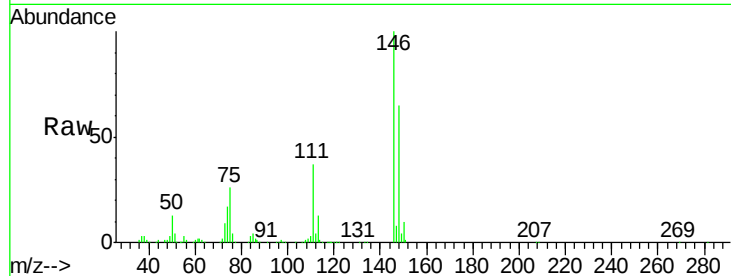
#87
 1,3-Dichlorobenzene
 Concen: 19.234 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	63.8	31.9	95.5

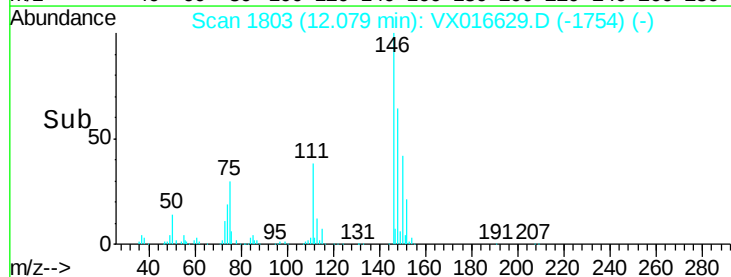
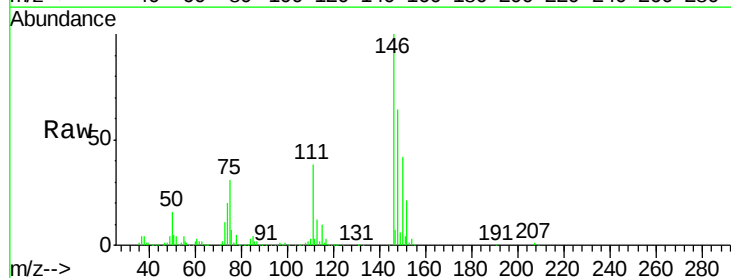
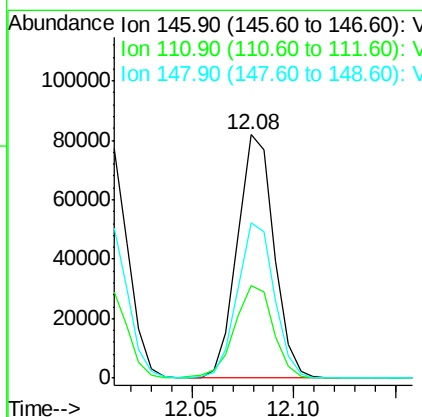
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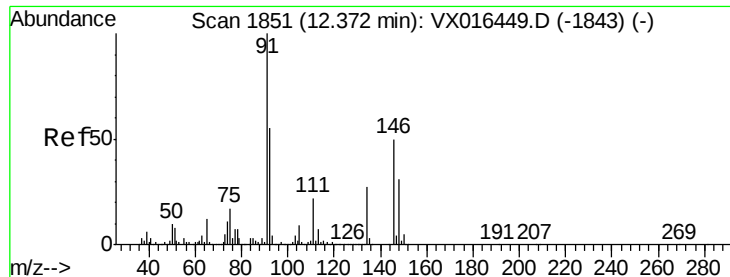
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#88
 1,4-Dichlorobenzene
 Concen: 18.863 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.2
148	64.4	31.4	94.3





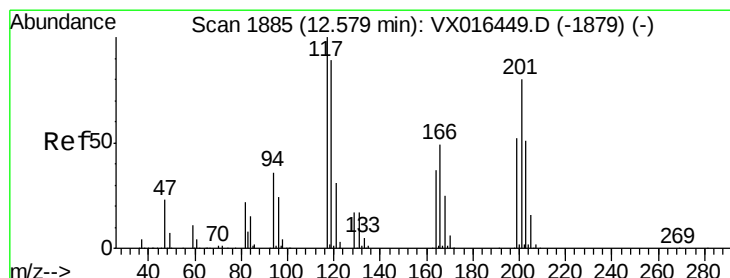
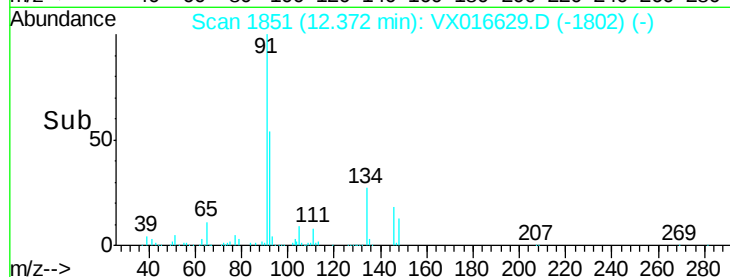
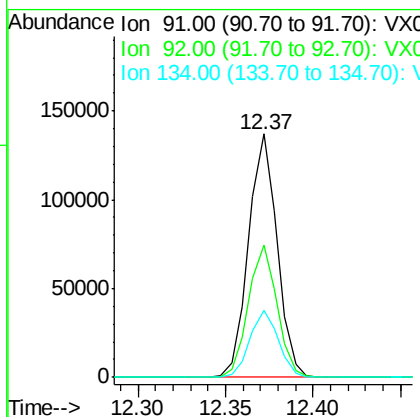
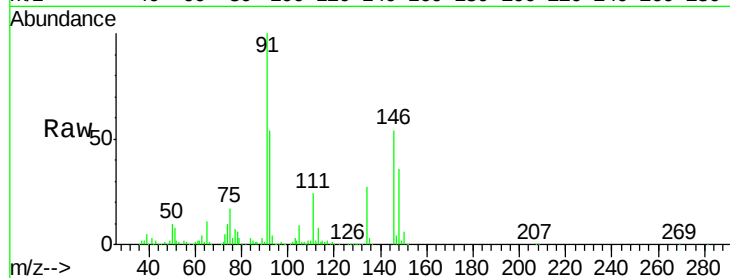
#89
n-Butylbenzene
Concen: 19.148 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	27.5	13.1	39.3

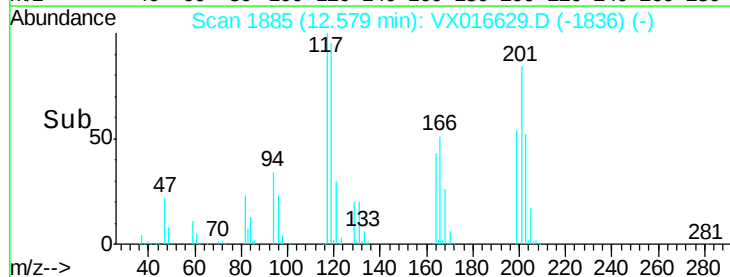
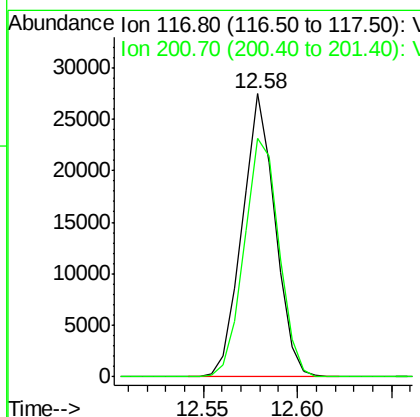
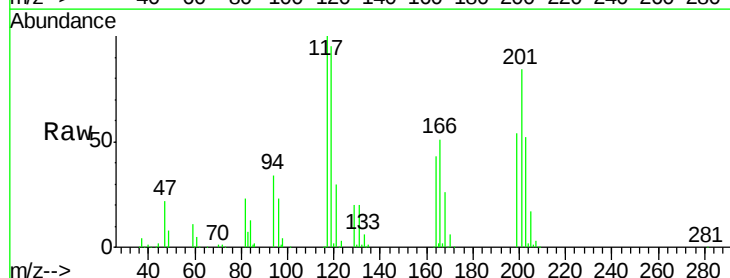
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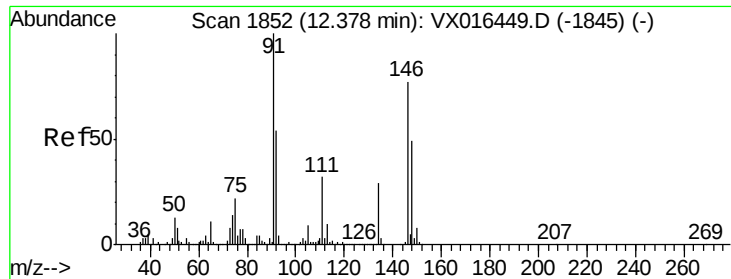
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#90
Hexachloroethane
Concen: 19.742 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	43.1	129.3





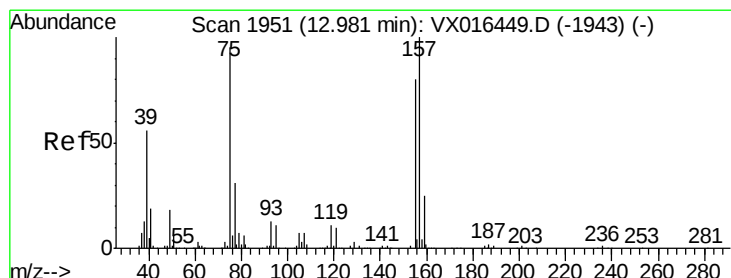
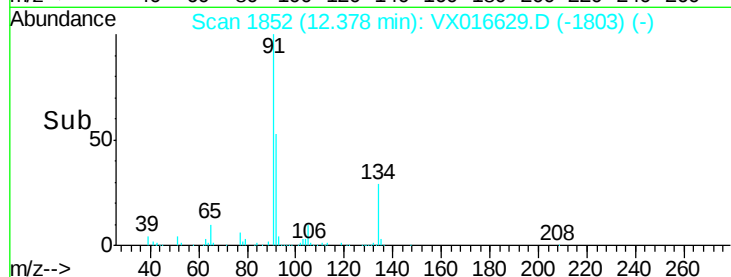
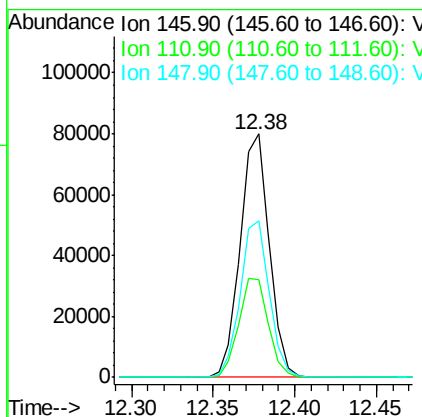
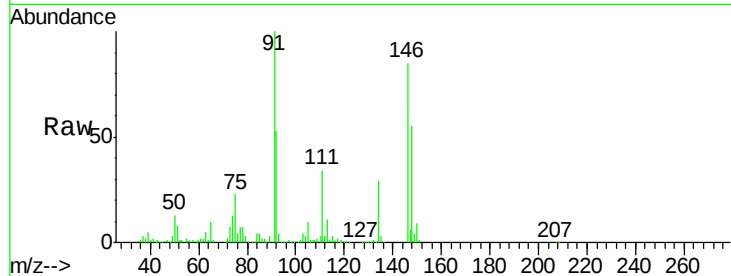
#91
 1,2-Dichlorobenzene
 Concen: 19.479 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampled :
 VX0608WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.4	64.3
148	64.1	31.9	95.7

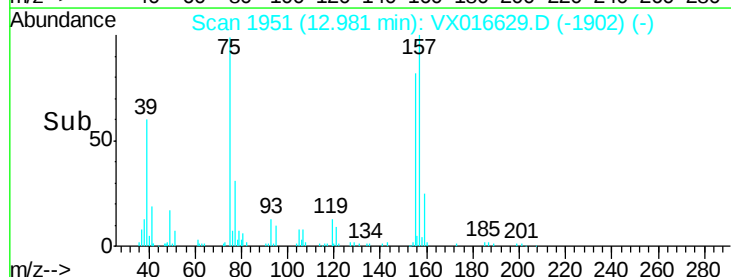
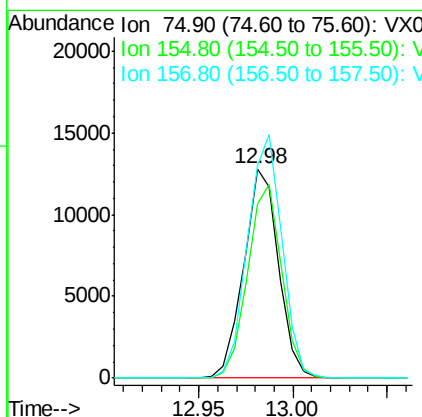
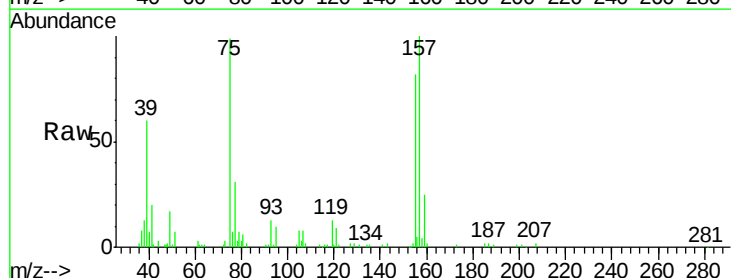
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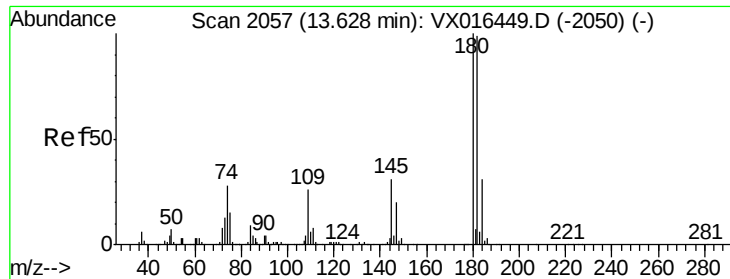
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 6/9/2020 11:41:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.351 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	44.1	132.4
157	114.5	57.8	173.3





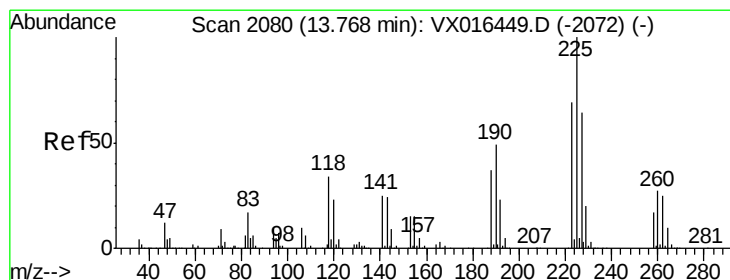
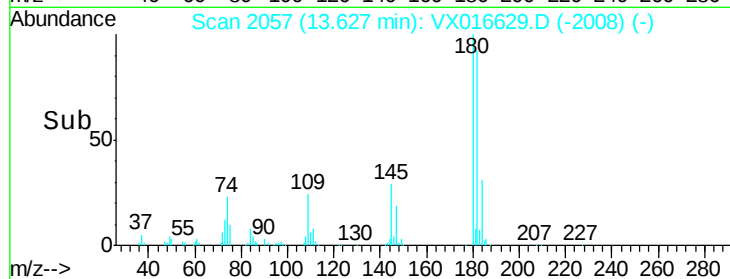
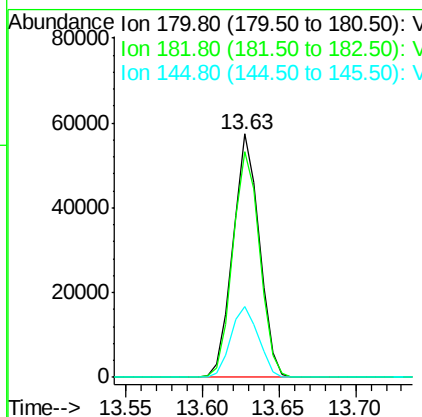
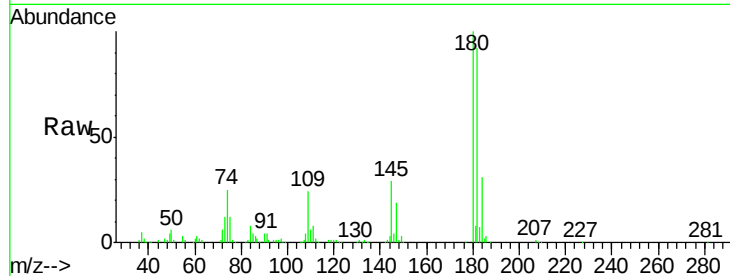
#93
 1,2,4-Trichlorobenzene
 Concen: 20.176 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	68673		
182	94.1	48.3	144.8	
145	30.4	15.4	46.2	

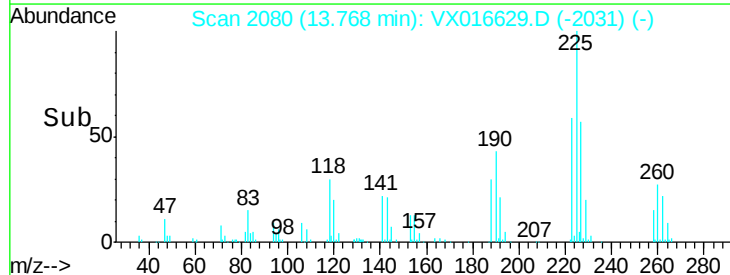
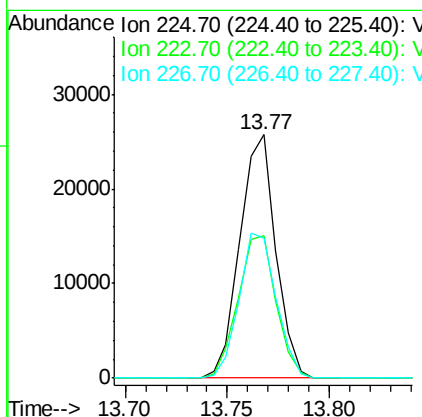
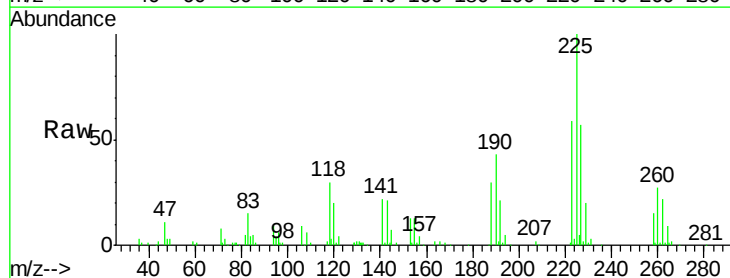
Manual Integrations
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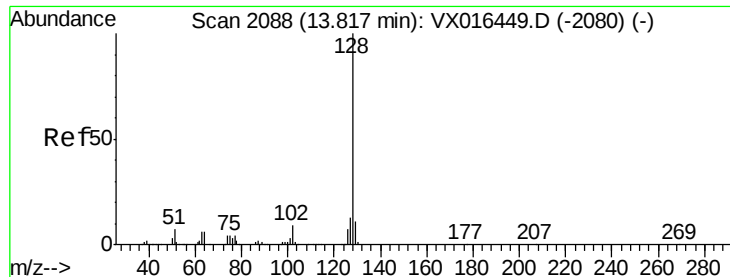
MMDadoda
 6/9/2020 11:41:15 AM



#94
 Hexachlorobutadiene
 Concen: 23.594 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016629.D
 Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31530		
223	61.9	32.3	96.8	
227	61.2	31.6	94.7	





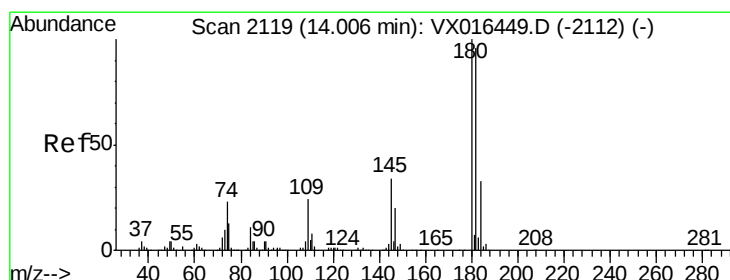
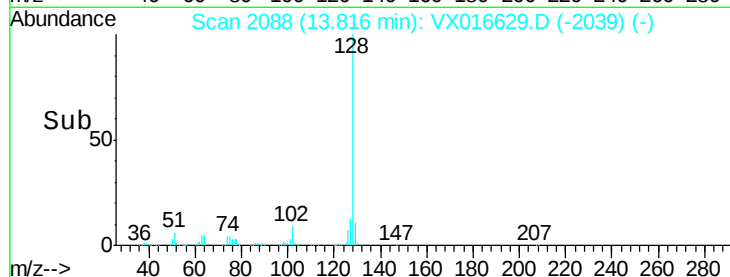
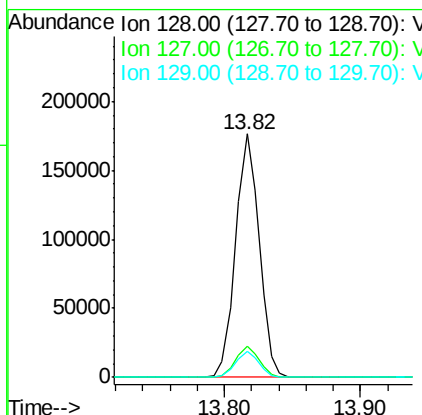
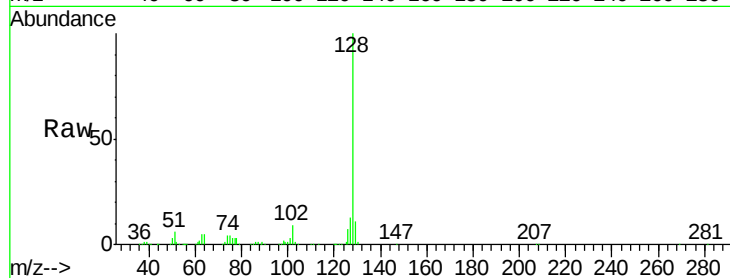
#95
Naphthalene
Concen: 18.288 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Instrument :
MSVOA_X
ClientSampleId :
VX0608WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	213390		
127	12.8		10.6	15.8
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.976 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016629.D
Acq: 08 Jun 2020 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66611		
182	93.9		48.6	145.8
145	33.5		16.6	49.8

