

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017034.D
 Acq On : 30 Jun 2020 11:00
 Operator : JC/SP
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:13 AM

Quant Time: Jul 01 08:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164006	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.46	113	136257	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.70	98	507943	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.12	95	194094	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	54991	19.426	ug/l	98
3) Chloromethane	1.32	50	60120	17.546	ug/l	99
4) Vinyl Chloride	1.39	62	58873	18.519	ug/l	97
5) Bromomethane	1.63	94	38004	22.627	ug/l	99
6) Chloroethane	1.72	64	34436	18.341	ug/l	98
7) Trichlorofluoromethane	1.92	101	89994	19.141	ug/l	99
8) Diethyl Ether	2.17	74	31502	20.133	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49912	17.712	ug/l	99
10) Methyl Iodide	2.49	142	66838	18.381	ug/l	98
11) Tert butyl alcohol	3.00	59	57379	83.383	ug/l	97
12) 1,1-Dichloroethene	2.36	96	47724	16.486	ug/l	97
13) Acrolein	2.27	56	32228	78.345	ug/l	93
14) Allyl chloride	2.71	41	92017	17.200	ug/l	98
15) Acrylonitrile	3.12	53	142822	86.336	ug/l	99
16) Acetone	2.42	43	113878	84.391	ug/l	98
17) Carbon Disulfide	2.55	76	154720	19.167	ug/l	99
18) Methyl Acetate	2.75	43	61047	17.330	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	174228	17.933	ug/l	100
20) Methylene Chloride	2.84	84	61520	19.399	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	58556	18.227	ug/l	94
22) Diisopropyl ether	3.82	45	187482	18.934	ug/l	93
23) Vinyl Acetate	3.78	43	786155	92.394	ug/l	98
24) 1,1-Dichloroethane	3.67	63	104553	18.557	ug/l	98
25) 2-Butanone	4.63	43	192495	85.612	ug/l	98
26) 2,2-Dichloropropane	4.55	77	92438	18.478	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	64708	17.777	ug/l	100
28) Bromochloromethane	4.98	49	45295	16.521	ug/l	99
29) Tetrahydrofuran	5.09	42	128791	86.692	ug/l	99
30) Chloroform	5.17	83	106808	18.493	ug/l	99
31) Cyclohexane	5.54	56	89671	18.413	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	95834	18.017	ug/l	99
36) 1,1-Dichloropropene	5.77	75	79535	18.902	ug/l	99
37) Ethyl Acetate	4.79	43	77462	18.145	ug/l	99
38) Carbon Tetrachloride	5.75	117	88187	19.029	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
 7/1/2020 10:49:13 AM

Quant Time: Jul 01 08:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89551	19.129	ug/l	98
40) Benzene	6.11	78	233975	18.926	ug/l	96
41) Methacrylonitrile	5.00	41	42462	17.672	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84034	18.818	ug/l	99
43) Isopropyl Acetate	6.40	43	126019	17.764	ug/l	99
44) Trichloroethene	7.18	130	69841	20.288	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58908	18.552	ug/l	99
46) Dibromomethane	7.63	93	41042	18.932	ug/l	99
47) Bromodichloromethane	7.87	83	85052	19.038	ug/l	99
48) Methyl methacrylate	7.74	41	61013	18.103	ug/l	97
49) 1,4-Dioxane	7.71	88	26980	353.353	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	383196	90.617	ug/l	99
52) Toluene	8.76	92	149761	19.403	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	90467	18.353	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99809	18.889	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	59835	18.974	ug/l	98
56) Ethyl methacrylate	9.16	69	80671	17.972	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99230	18.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	216660	96.985	ug/l	100
59) 2-Hexanone	9.47	43	285743	92.521	ug/l	99
60) Dibromochloromethane	9.56	129	68753	18.771	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63486	18.729	ug/l	100
64) Tetrachloroethene	9.32	164	66158	19.934	ug/l	96
65) Chlorobenzene	10.12	112	160169	18.871	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	61930	18.933	ug/l	99
67) Ethyl Benzene	10.23	91	275657	19.448	ug/l	99
68) m/p-Xylenes	10.34	106	216108	39.708	ug/l	99
69) o-Xylene	10.68	106	99963	19.307	ug/l	100
70) Styrene	10.70	104	174300	19.770	ug/l	99
71) Bromoform	10.84	173	50815	19.590	ug/l #	98
73) Isopropylbenzene	11.00	105	272654	19.341	ug/l	100
74) N-amyl acetate	10.88	43	106694	17.737	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82183	18.533	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81261m	19.201	ug/l	
77) Bromobenzene	11.24	156	73296	18.918	ug/l	98
78) n-propylbenzene	11.34	91	305959	19.192	ug/l	100
79) 2-Chlorotoluene	11.40	91	187863	19.472	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	228053	19.503	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28523	17.453	ug/l	93
82) 4-Chlorotoluene	11.49	91	223964	19.418	ug/l	100
83) tert-Butylbenzene	11.76	119	214805	18.713	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	230763	19.453	ug/l	100
85) sec-Butylbenzene	11.93	105	259953	19.266	ug/l	99
86) p-Isopropyltoluene	12.05	119	245255	19.525	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	131805	18.731	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	131781	19.743	ug/l	99
89) n-Butylbenzene	12.37	91	206937	18.451	ug/l	100
90) Hexachloroethane	12.58	117	47249	19.075	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	125738	19.116	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18079	17.090	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79781	17.771	ug/l	98
94) Hexachlorobutadiene	13.77	225	33691	20.284	ug/l	95
95) Naphthalene	13.82	128	246520	18.062	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79514	18.301	ug/l	99

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

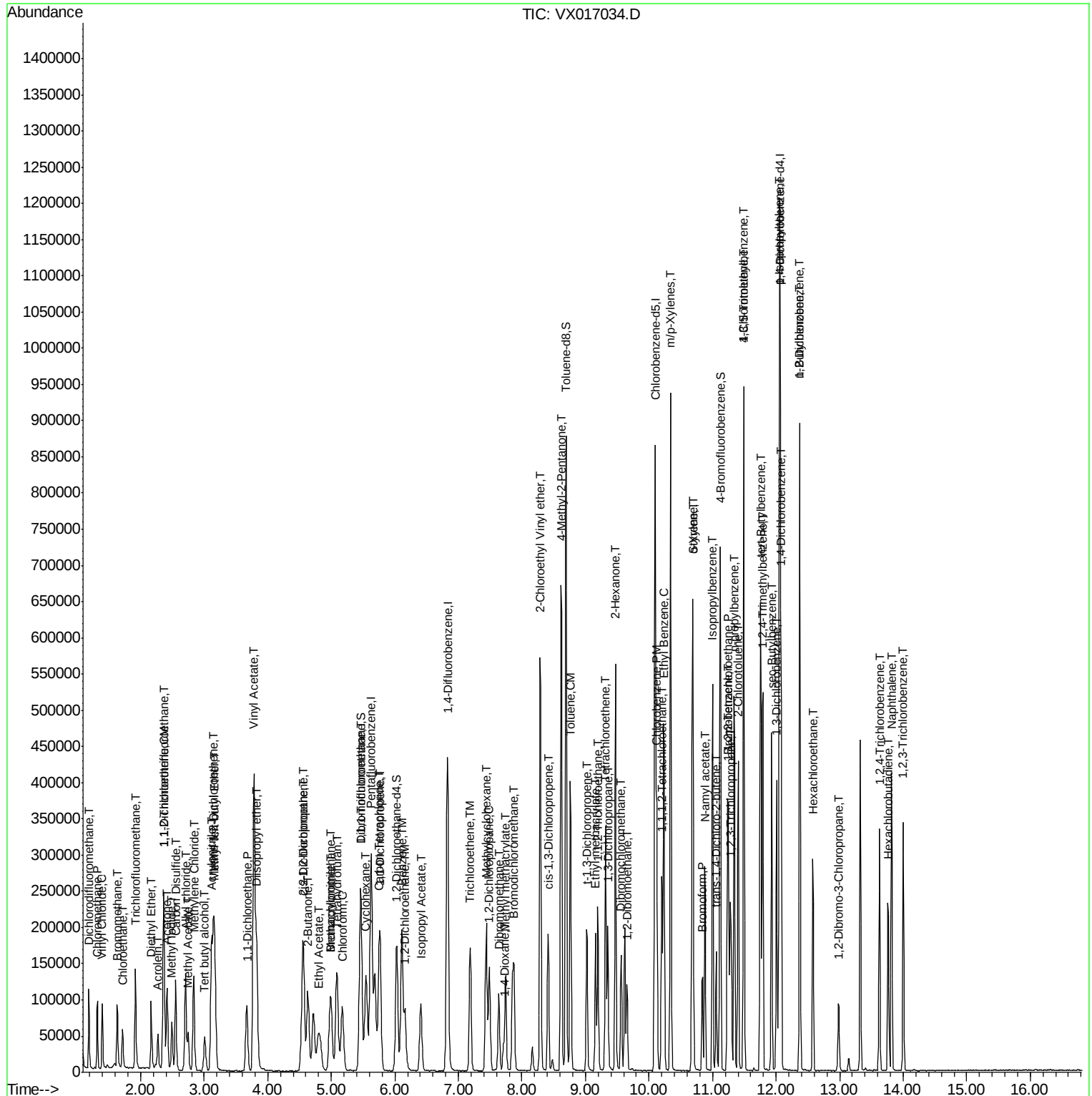
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Data File : VX017034.D
Acq On : 30 Jun 2020 11:00
Operator : JC/SP
Sample : VX0630WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

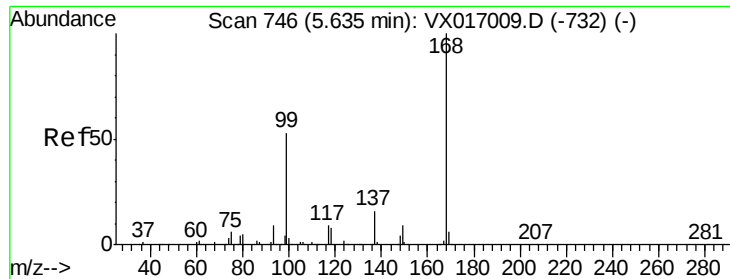
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Manual Integrations
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MMDadoda
7/1/2020 10:49:13 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion:168 Resp: 292600

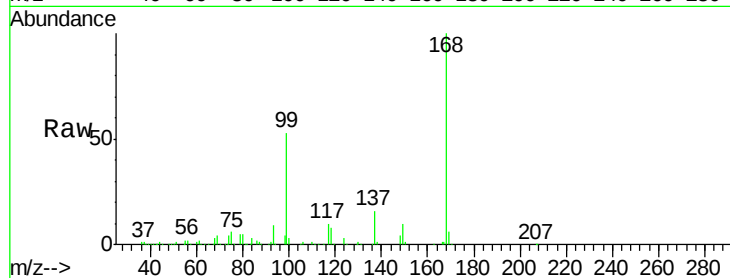
Ion Ratio Lower Upper

168 100

99 53.4 42.6 64.0

Manual Integrations
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7/1/2020 10:49:13 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

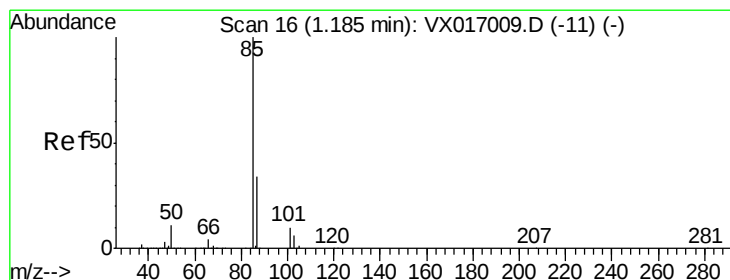
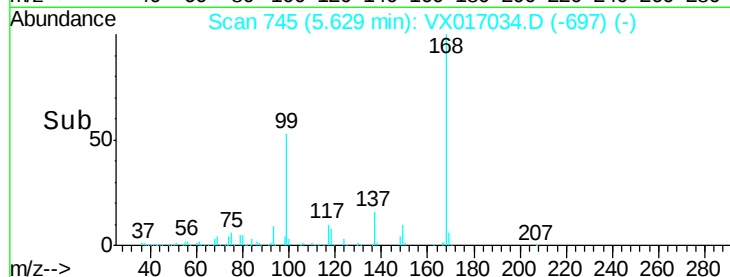
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.426 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017034.D

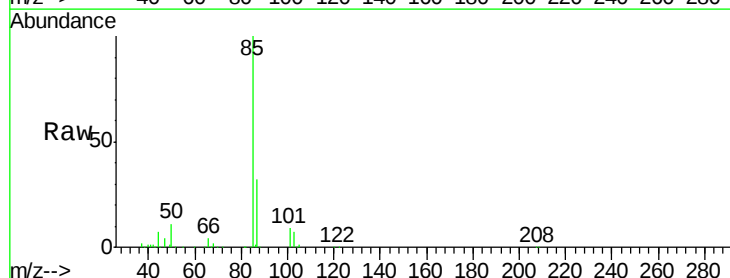
Acq: 30 Jun 2020 11:00

Tgt Ion: 85 Resp: 54991

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

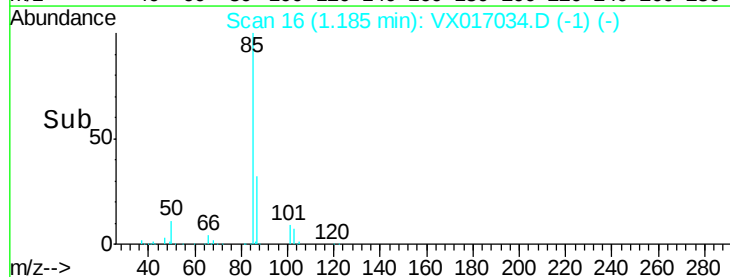
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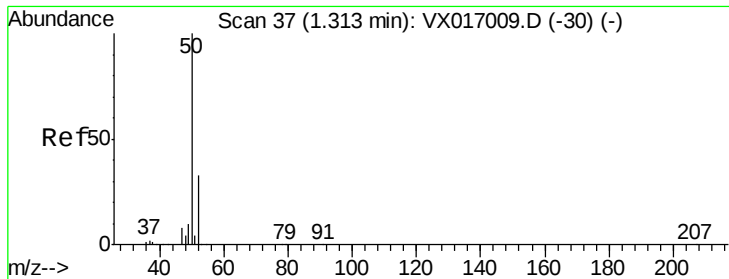
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.546 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 50 Resp: 60120

Ion Ratio Lower Upper

50 100

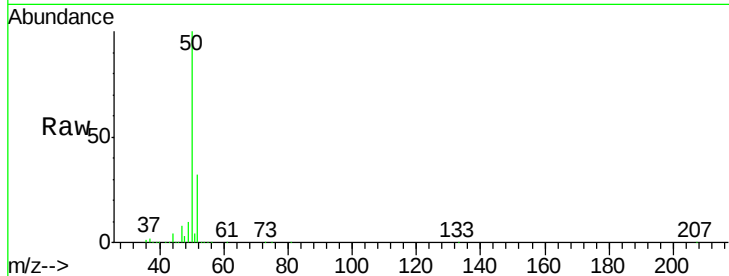
52 31.9 26.1 39.1

Manual Integrations

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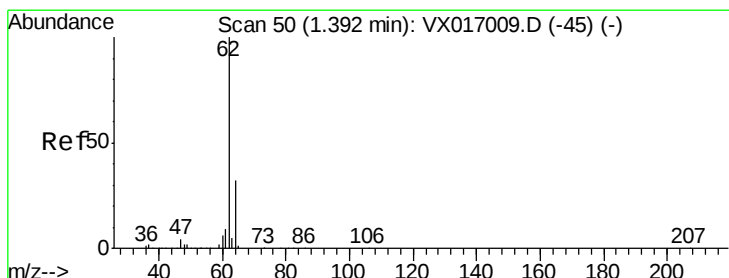
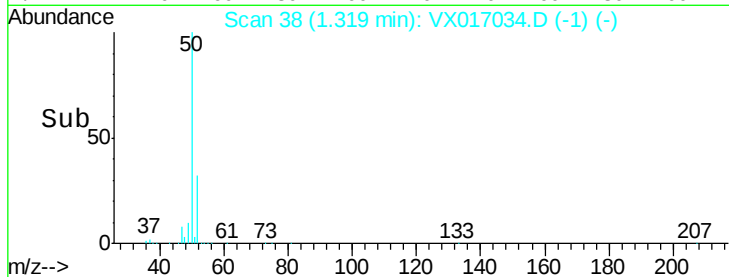
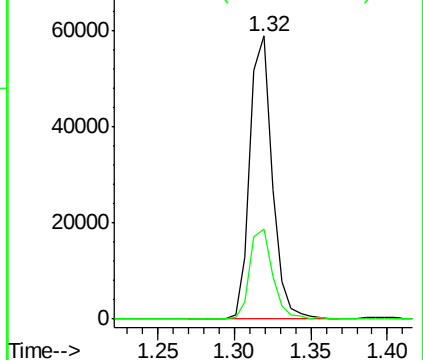
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.519 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017034.D

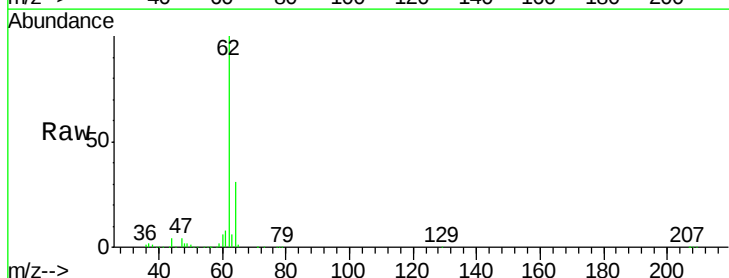
Acq: 30 Jun 2020 11:00

Tgt Ion: 62 Resp: 58873

Ion Ratio Lower Upper

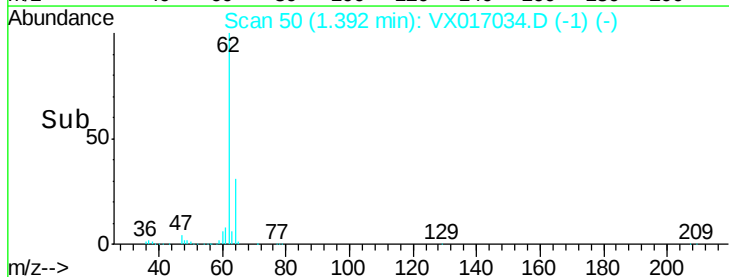
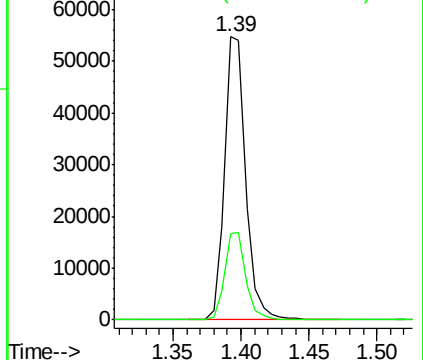
62 100

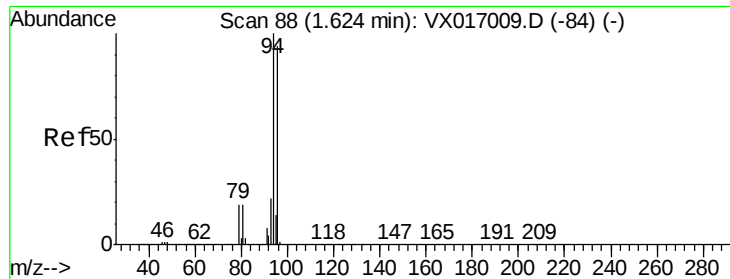
64 30.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.627 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 94 Resp: 38004

Ion Ratio Lower Upper

94 100

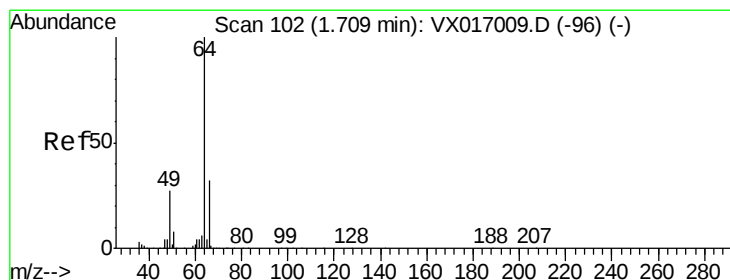
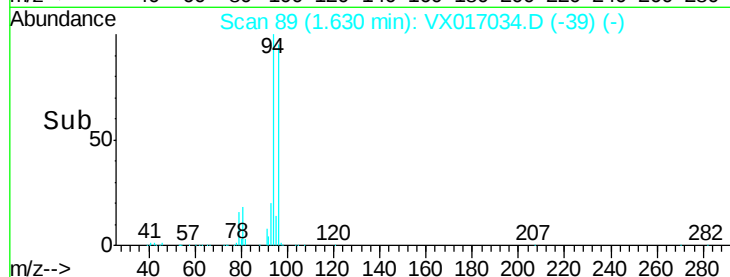
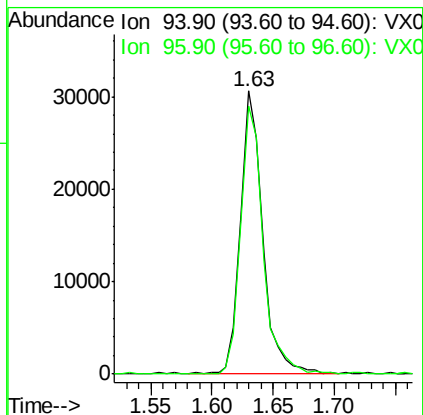
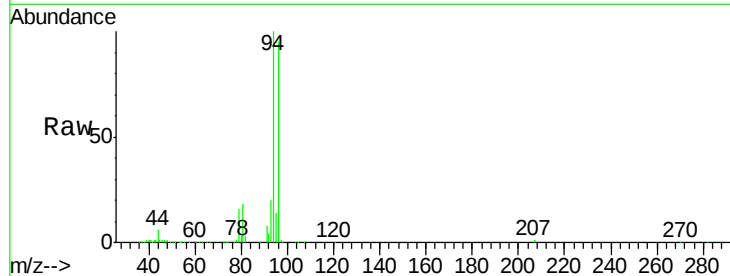
96 95.0 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 18.341 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017034.D

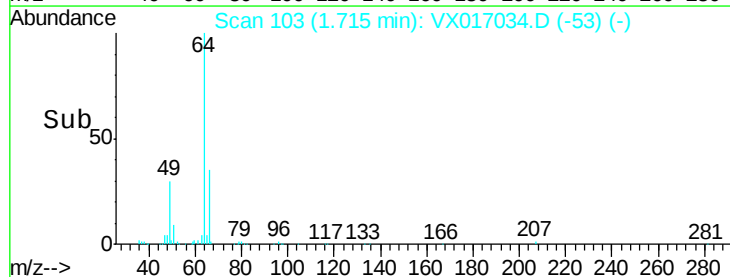
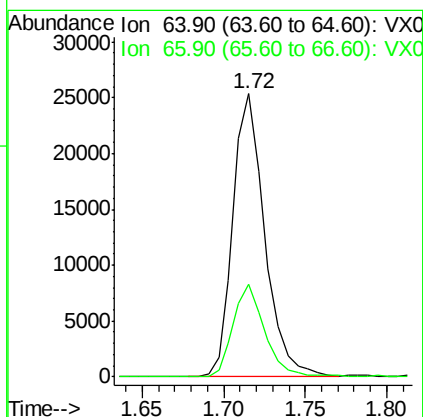
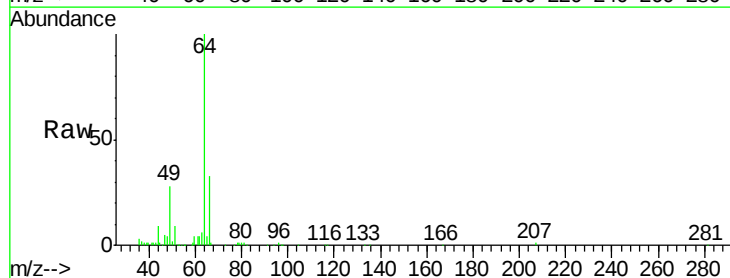
Acq: 30 Jun 2020 11:00

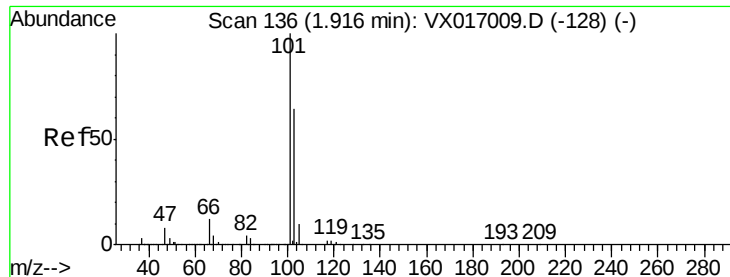
Tgt Ion: 64 Resp: 34436

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

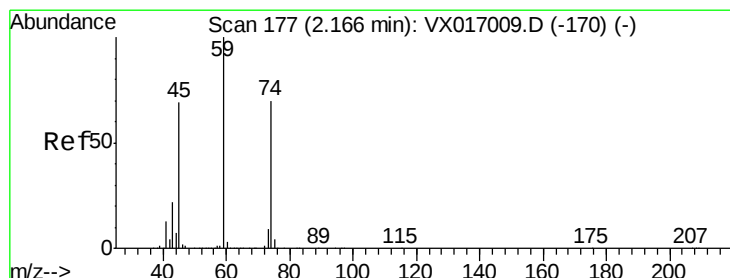
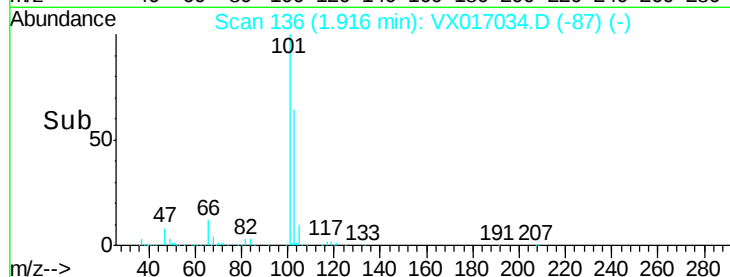
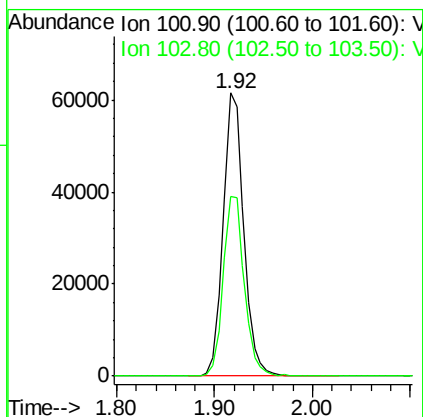
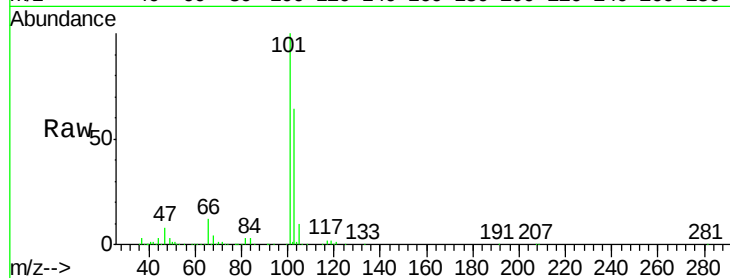
Trichlorofluoromethane
Concen: 19.141 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.5	77.3

Manual Integrations
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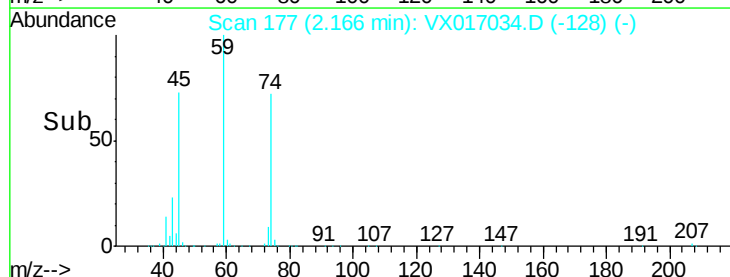
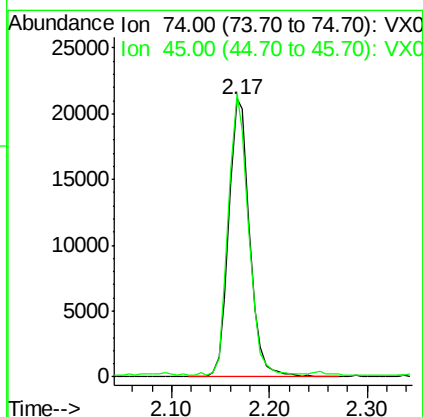
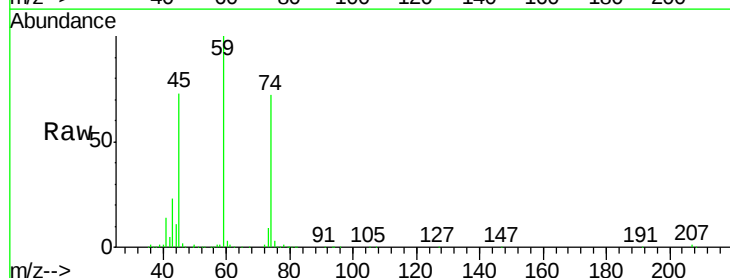
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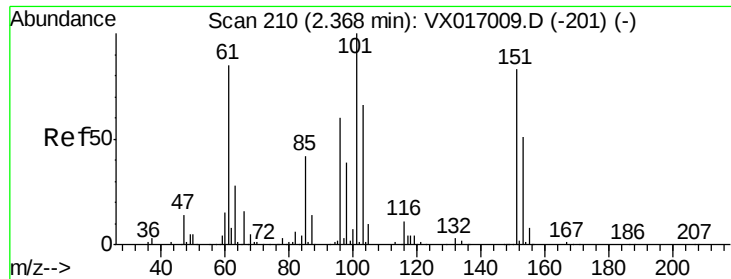


#8

Diethyl Ether
Concen: 20.133 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.712 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

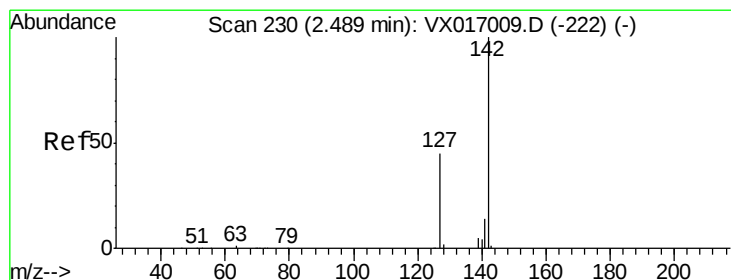
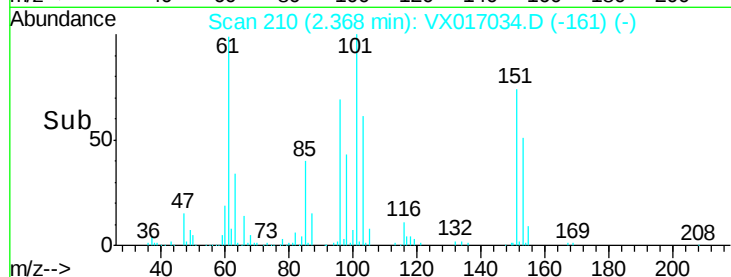
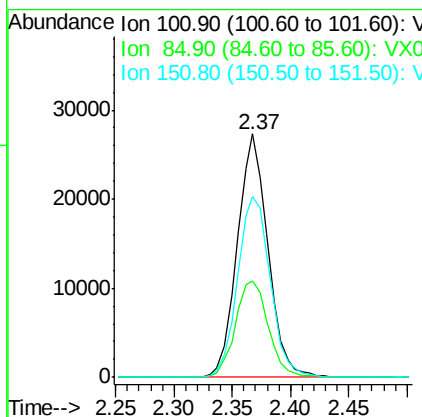
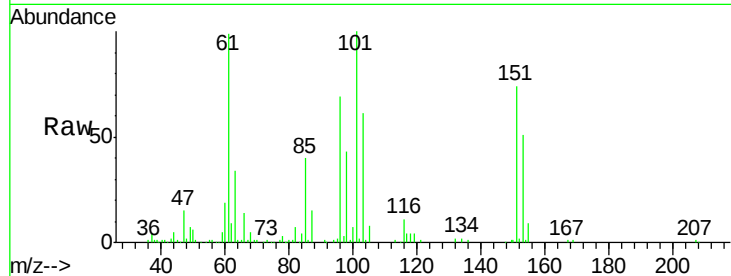
ClientSampled :

VX0630WBS01

Tot Ion:	101	Resp:	49912
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.5	50.3
151	79.6	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.381 ug/l

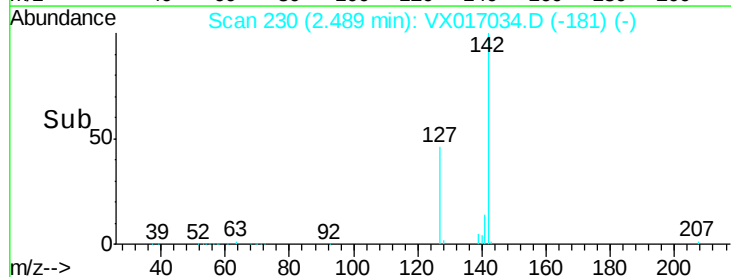
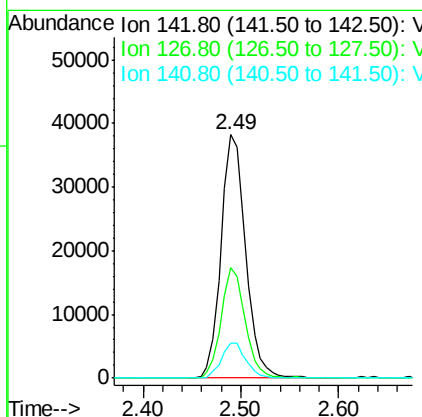
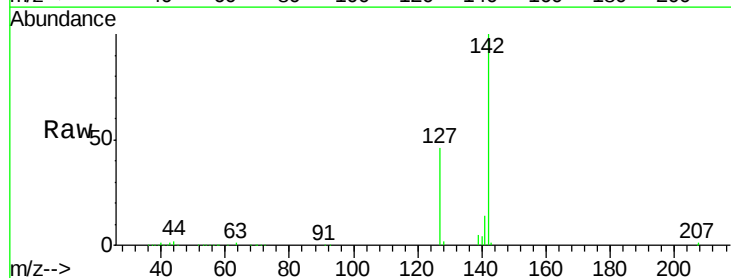
RT: 2.49 min Scan# 230

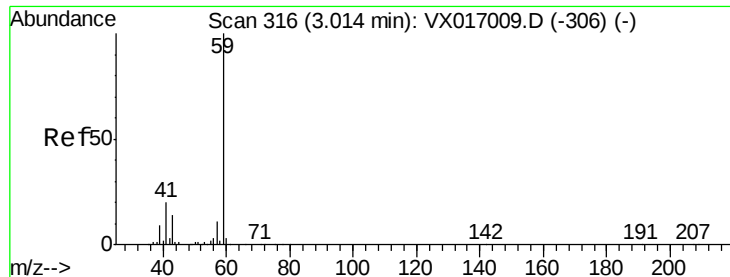
Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion:	142	Resp:	66838
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.6	54.8
141	14.3	11.6	17.4





#11

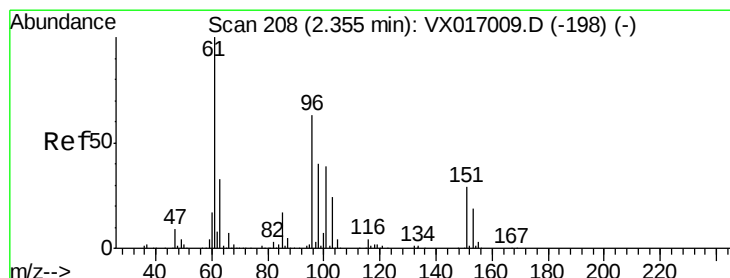
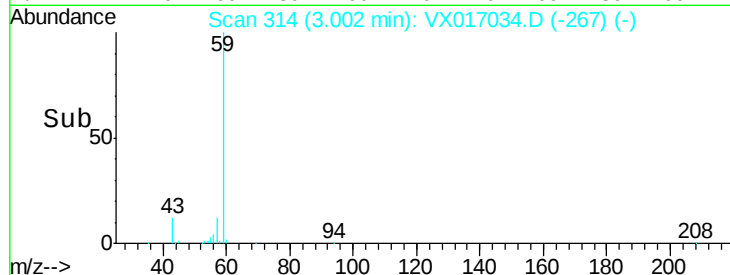
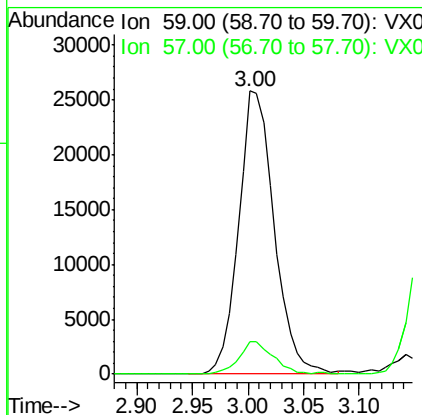
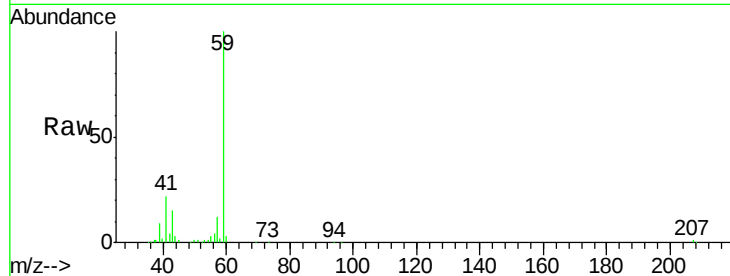
Tert butyl alcohol
Concen: 83.383 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	59	Resp	57379
Ion Ratio	100	Lower	Upper
57	11.4	8.2	12.2

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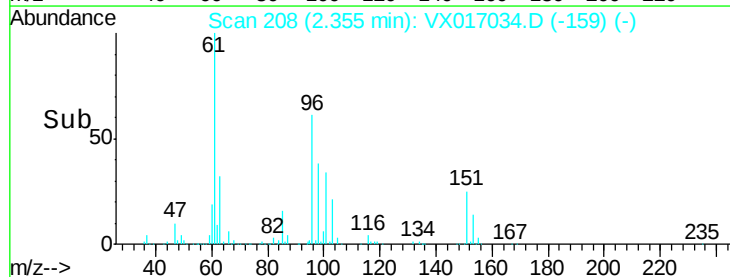
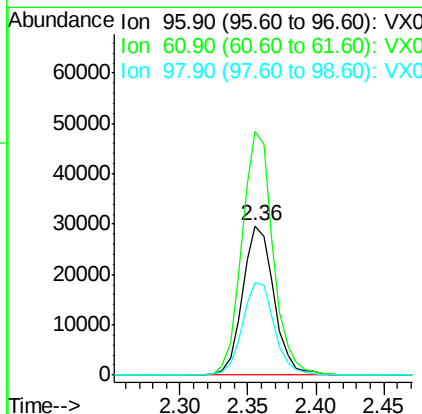
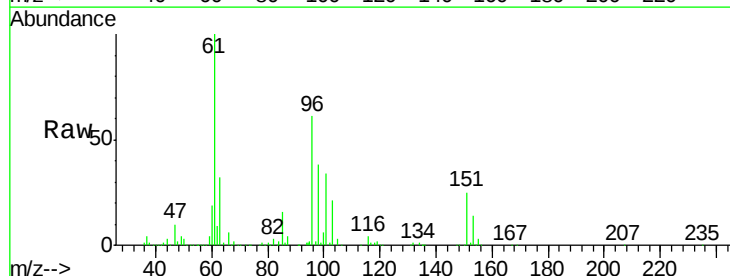
MMDadoda
7/1/2020 10:49:13 AM

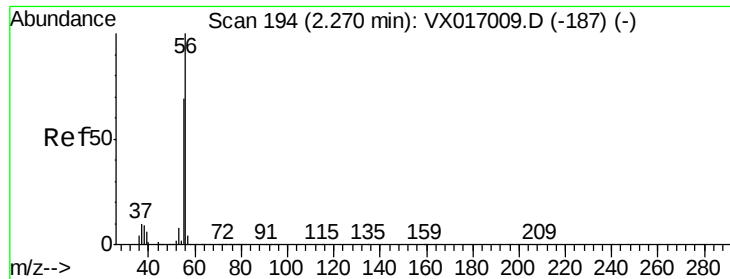


#12

1,1-Dichloroethene
Concen: 16.486 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	96	Resp	47724
Ion Ratio	100	Lower	Upper
61	162.9	126.3	189.5
98	61.9	51.0	76.6





#13

Acrolein

Concen: 78.345 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 56 Resp: 32228

Ion Ratio Lower Upper

56 100

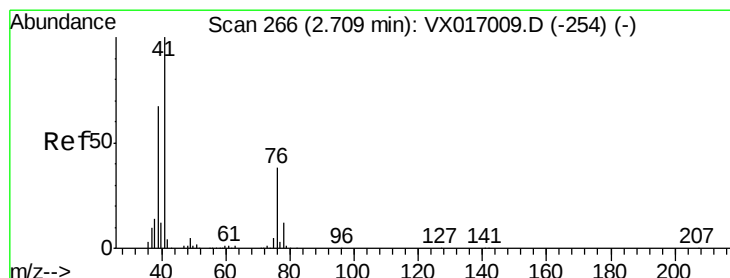
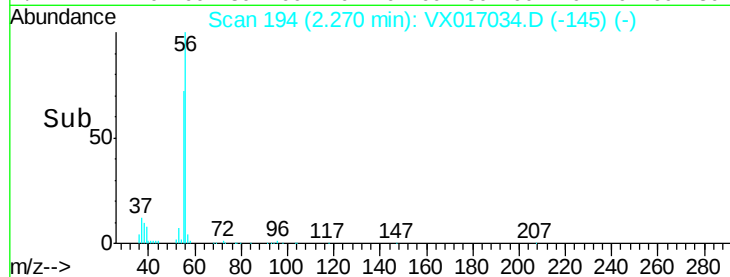
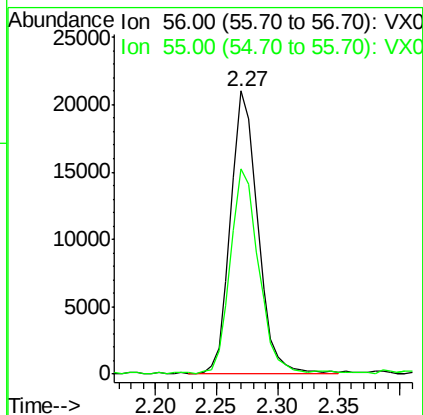
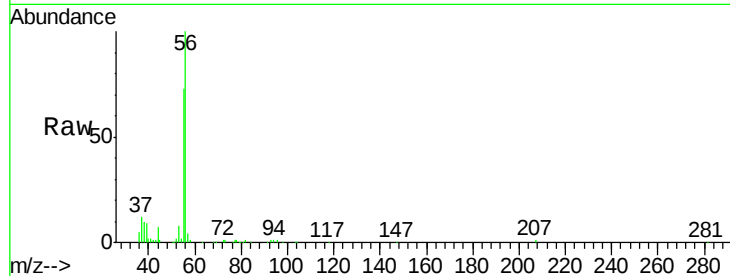
55 75.1 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 17.200 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

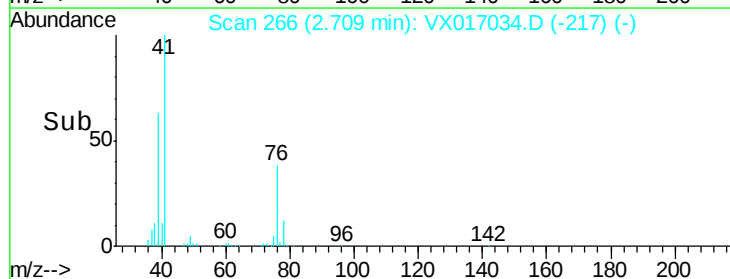
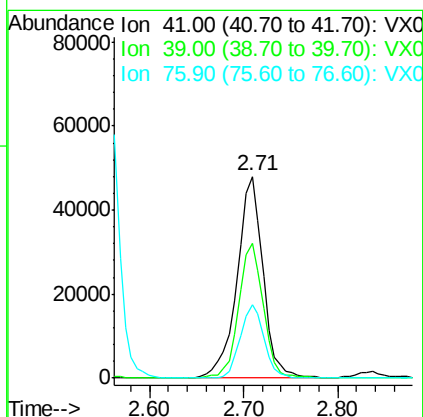
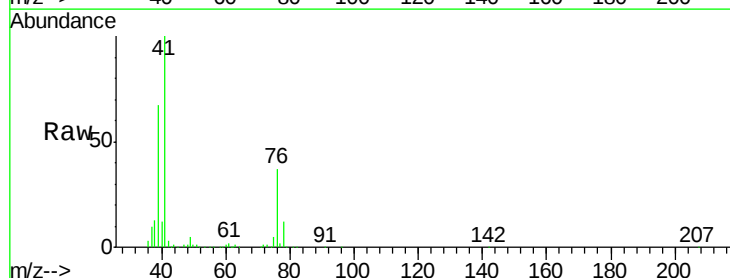
Tgt Ion: 41 Resp: 92017

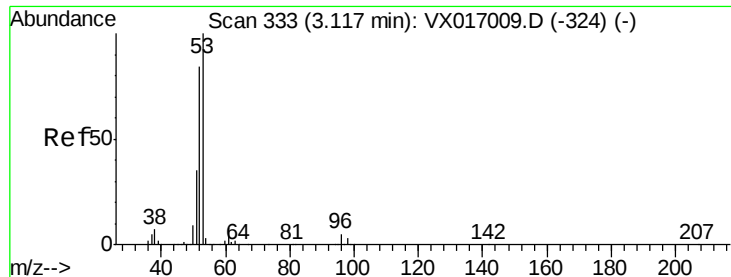
Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 33.8 26.8 40.2





#15

Acrylonitrile

Concen: 86.336 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

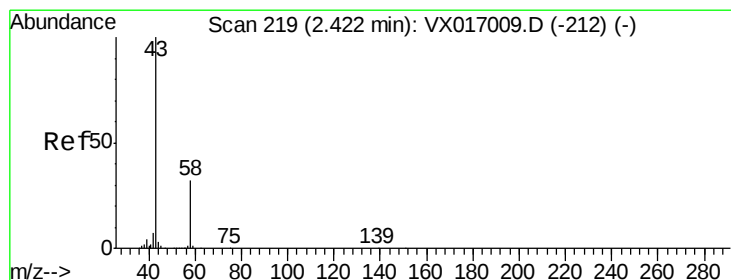
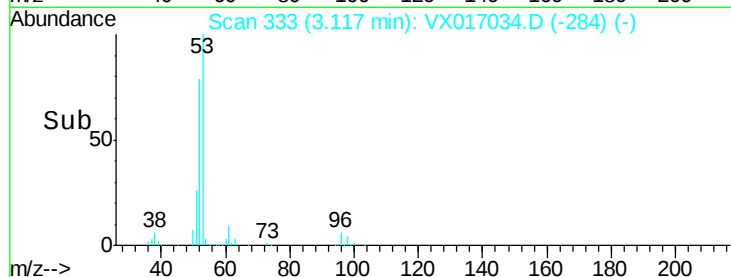
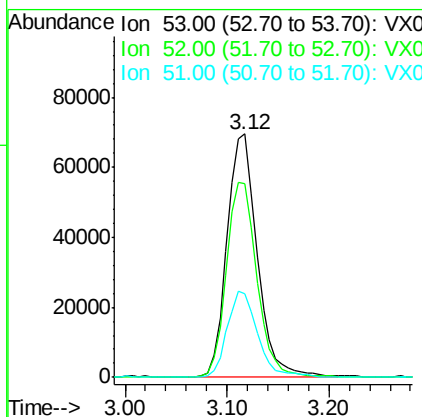
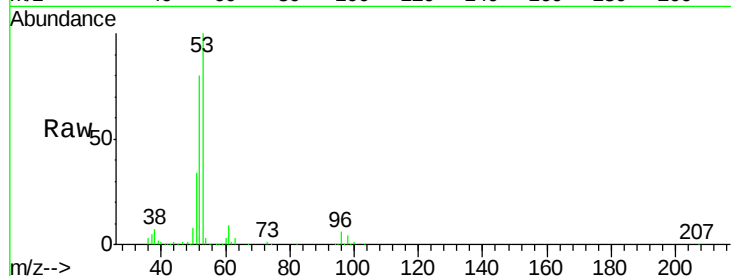
ClientSampled :

VX0630WBS01

Tot Ion:	53	Resp:	142822
Ion Ratio	Lower	Upper	
53	100		
52	81.0	65.6	98.4
51	35.5	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 84.391 ug/l

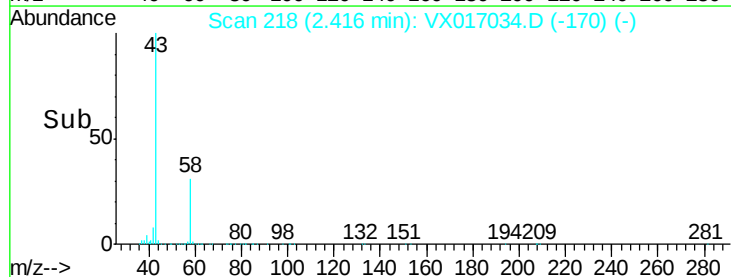
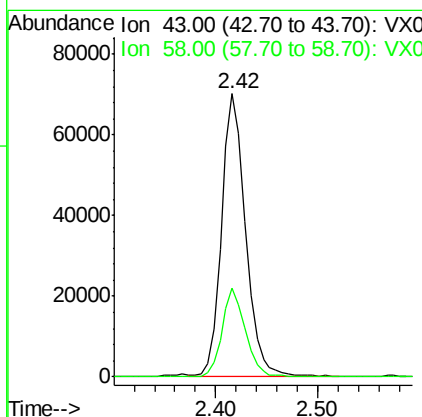
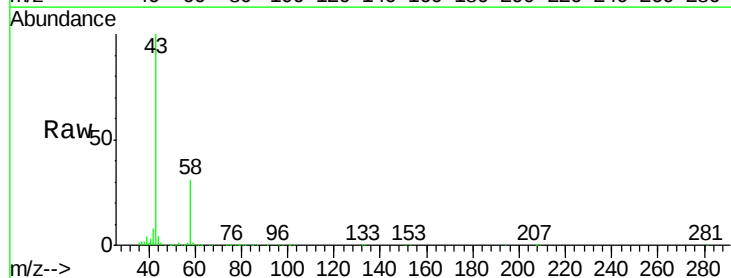
RT: 2.42 min Scan# 218

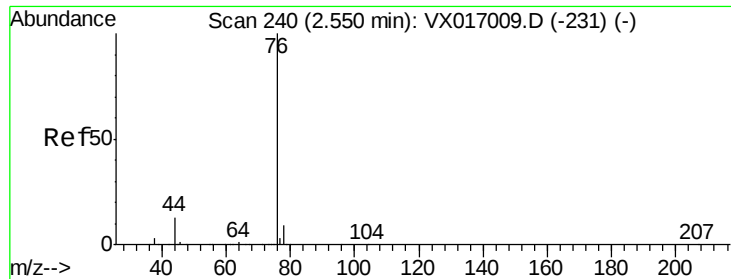
Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion:	43	Resp:	113878
Ion Ratio	Lower	Upper	
43	100		
58	31.2	25.7	38.5





#17

Carbon Disulfide

Concen: 19.167 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 76 Resp: 154720

Ion Ratio Lower Upper

76 100

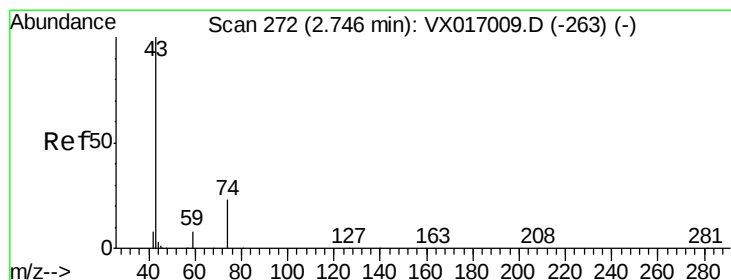
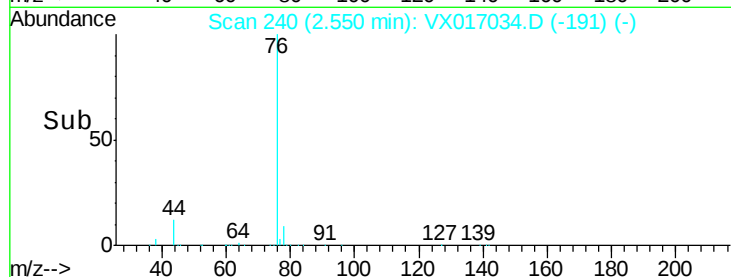
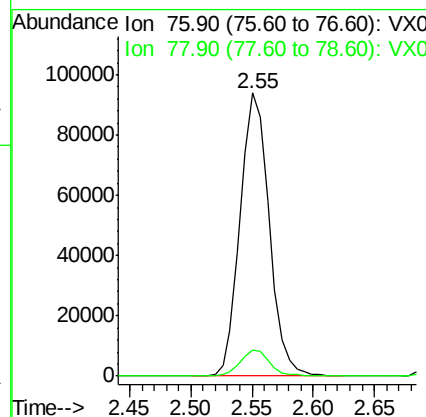
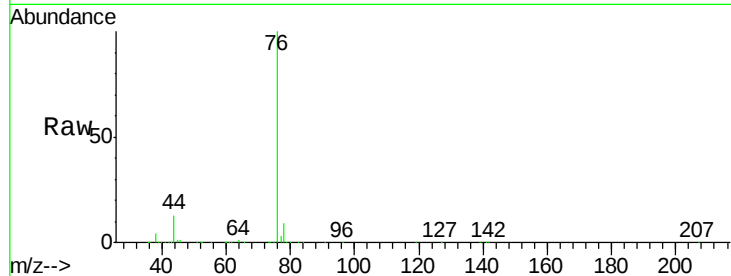
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 17.330 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017034.D

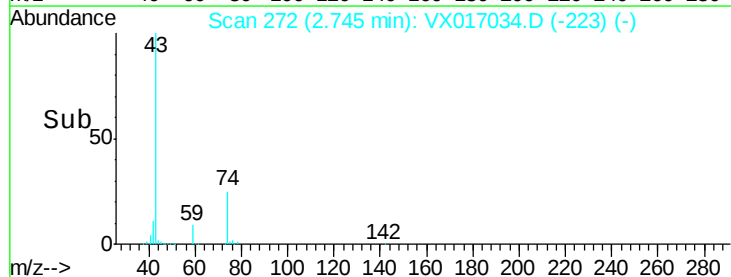
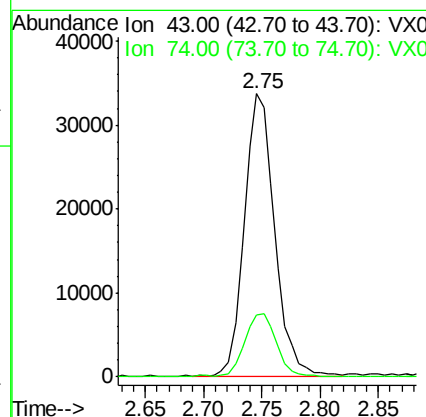
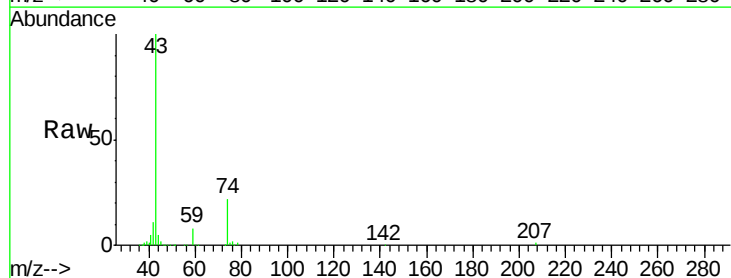
Acq: 30 Jun 2020 11:00

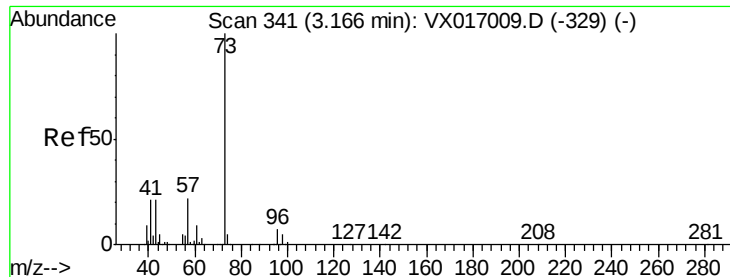
Tgt Ion: 43 Resp: 61047

Ion Ratio Lower Upper

43 100

74 23.8 19.3 28.9





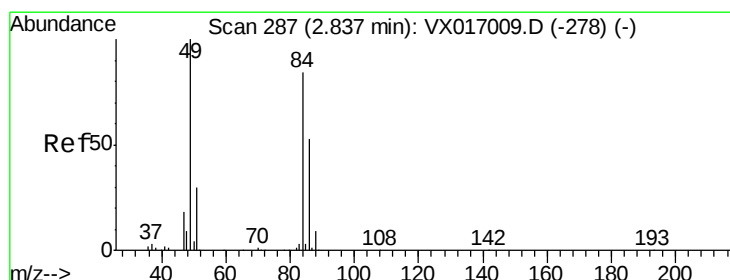
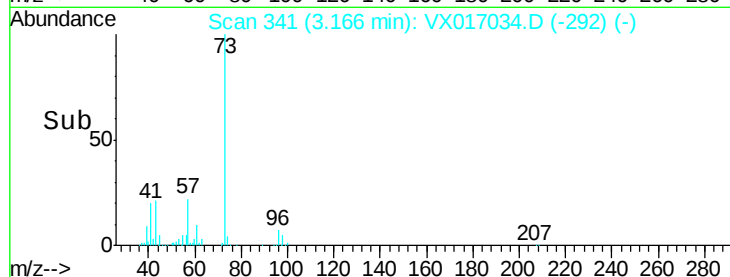
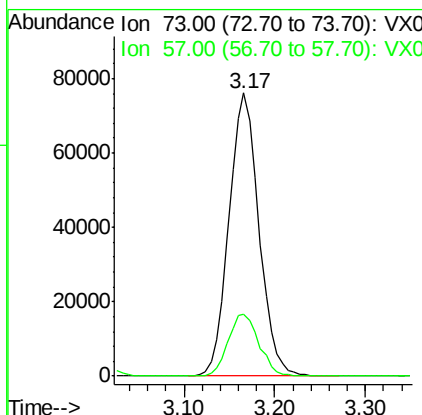
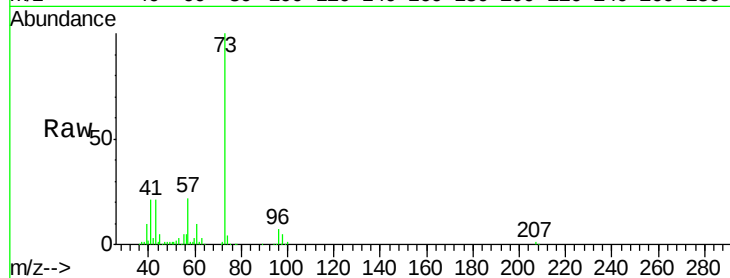
#19
Methvl tert-butvl Ether
Concen: 17.933 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion: 73 Resp: 174228
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

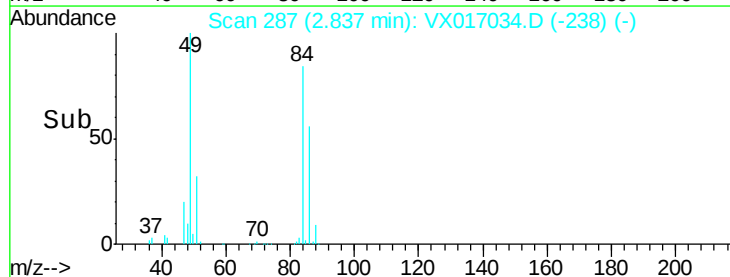
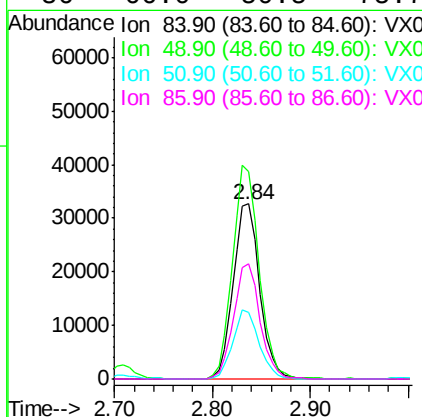
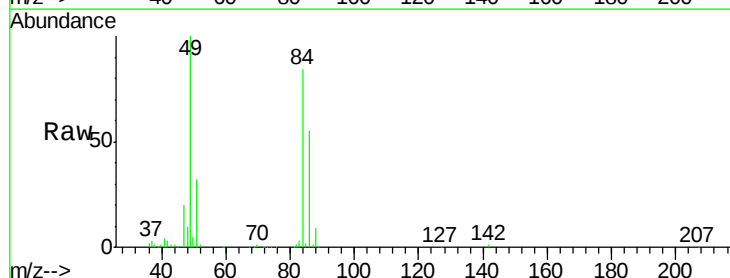
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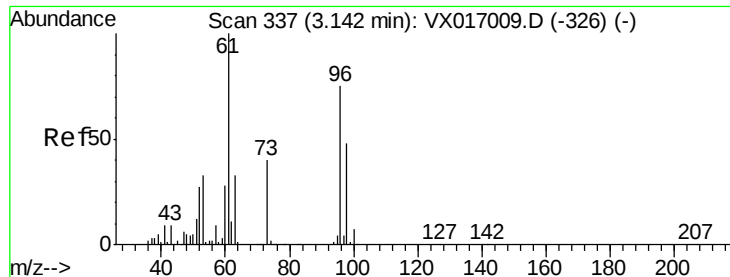
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#20
Methylene Chloride
Concen: 19.399 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion: 84 Resp: 61520
Ion Ratio Lower Upper
84 100
49 119.0 94.7 142.1
51 38.3 28.6 42.8
86 66.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.227 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

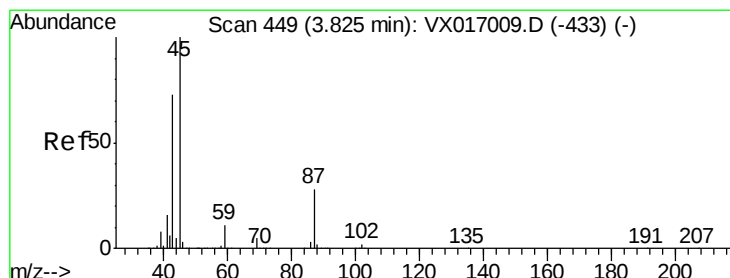
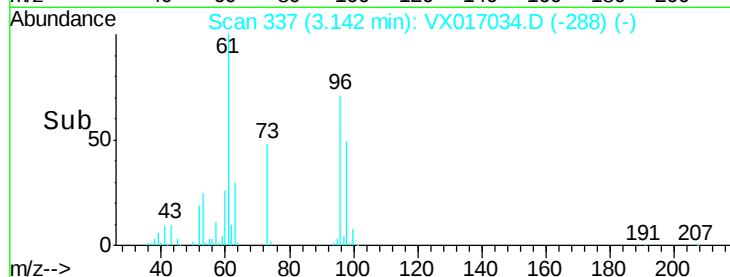
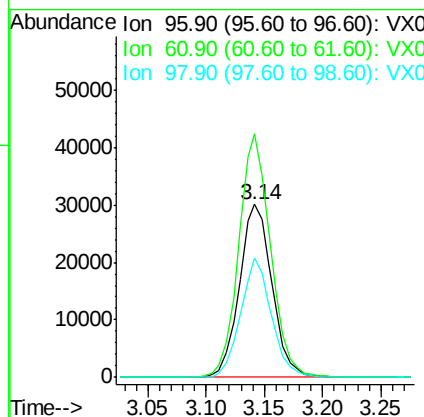
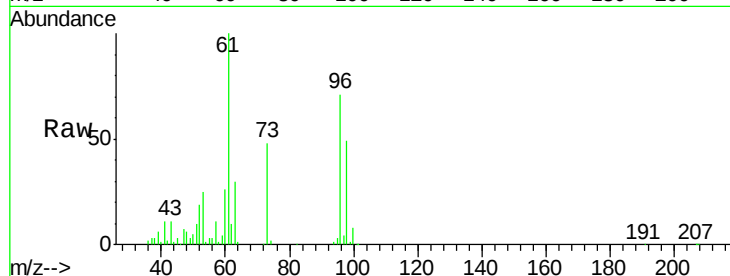
ClientSampled :

VX0630WBS01

Tot Ion:	96	Resp:	58556
Ion	Ratio	Lower	Upper
96	100		
61	140.6	107.0	160.6
98	69.1	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.934 ug/l

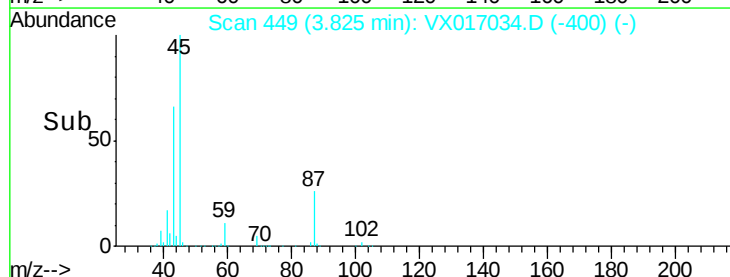
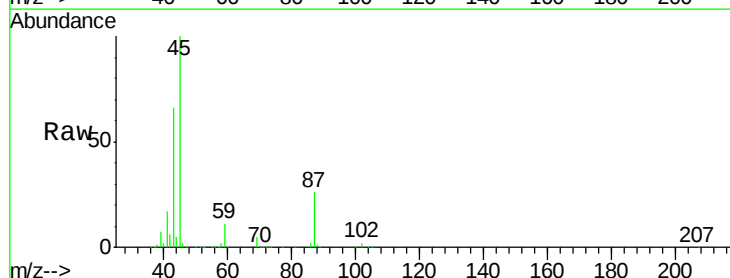
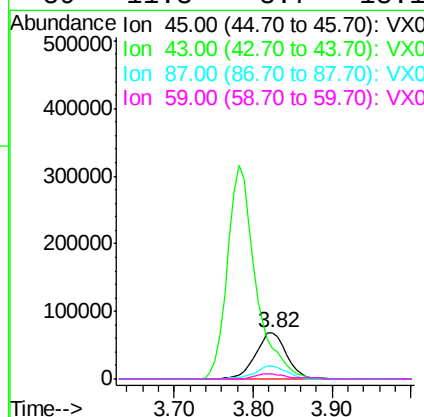
RT: 3.82 min Scan# 449

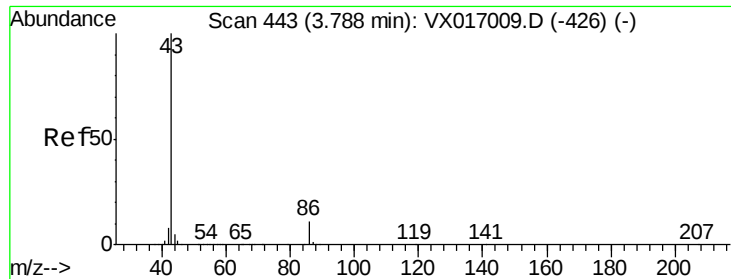
Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion:	45	Resp:	187482
Ion	Ratio	Lower	Upper
45	100		
43	65.5	58.6	88.0
87	26.5	22.6	34.0
59	11.3	8.7	13.1





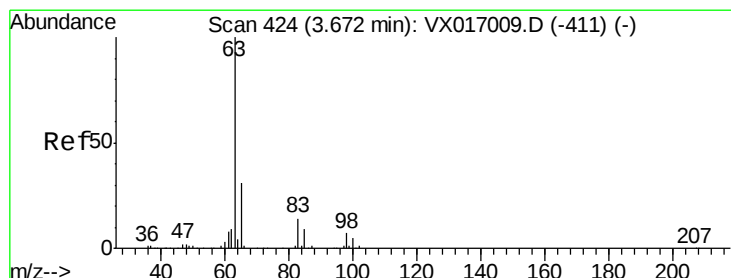
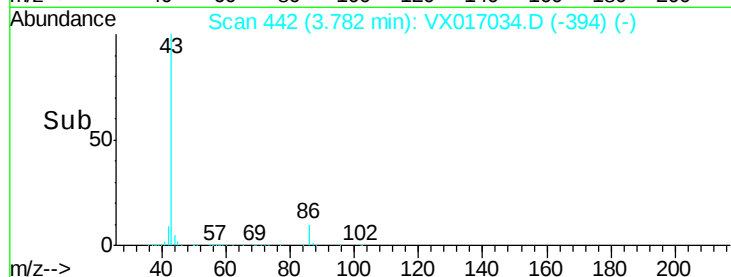
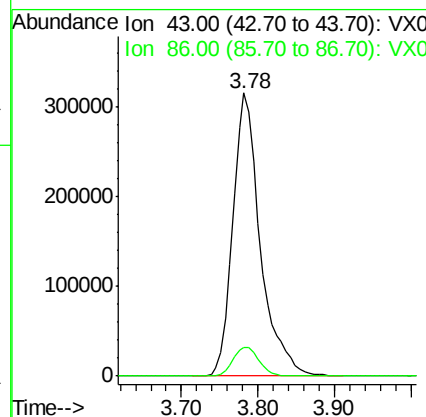
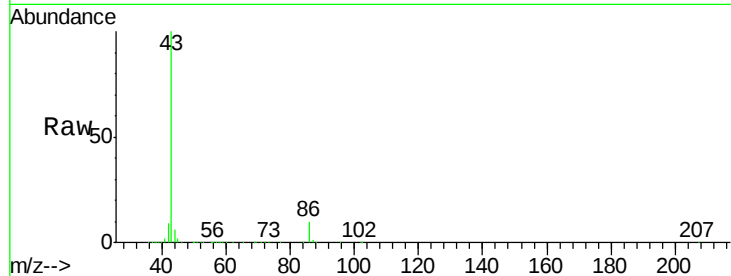
#23
 Vinyl Acetate
 Concen: 92.394 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	786155		
86	10.2		8.6	13.0

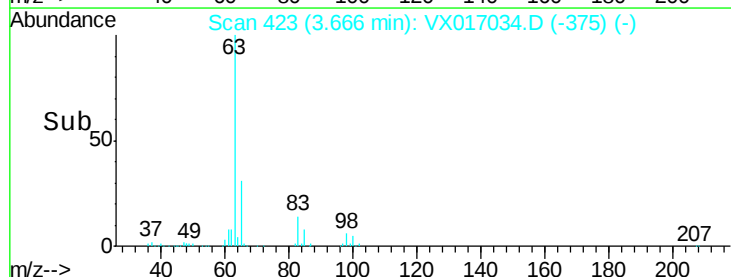
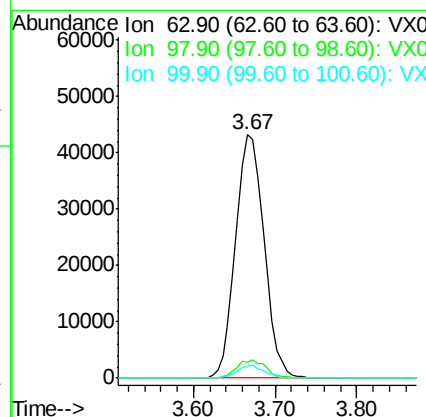
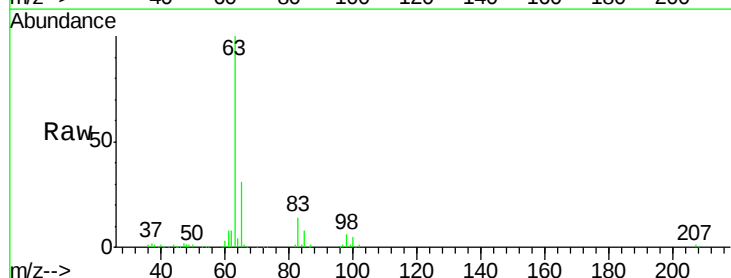
Manual Integrations
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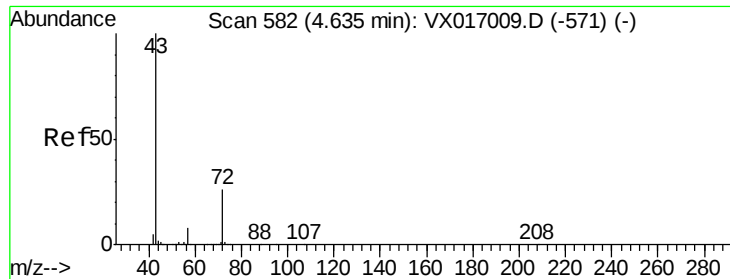
MMDadoda
 7/1/2020 10:49:13 AM



#24
 1,1-Dichloroethane
 Concen: 18.557 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	104553		
98	6.4		3.6	10.8
100	5.0		2.4	7.1





#25

2-Butanone

Concen: 85.612 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 43 Resp: 192495

Ion Ratio Lower Upper

43 100

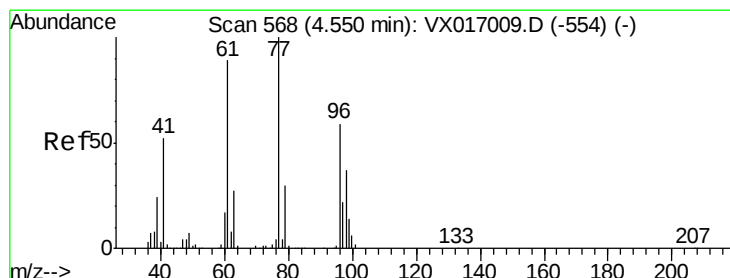
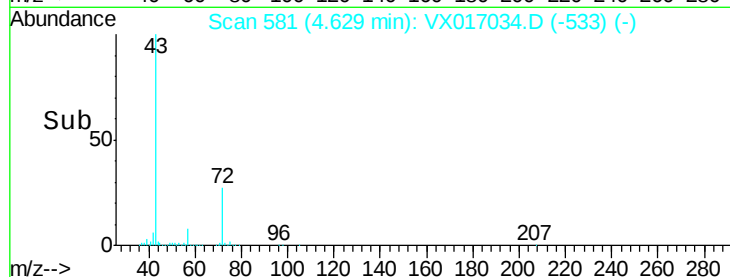
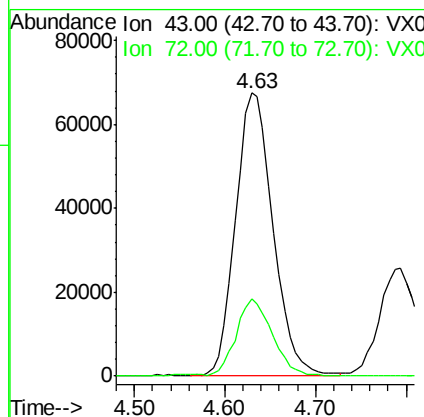
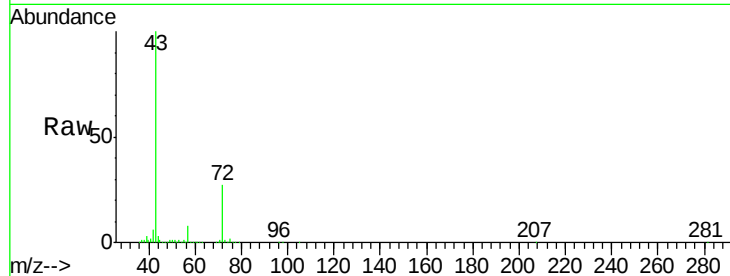
72 27.3 20.8 31.2

Manual Integrations

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7/1/2020 10:49:13 AM



#26

2,2-Dichloropropane

Concen: 18.478 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017034.D

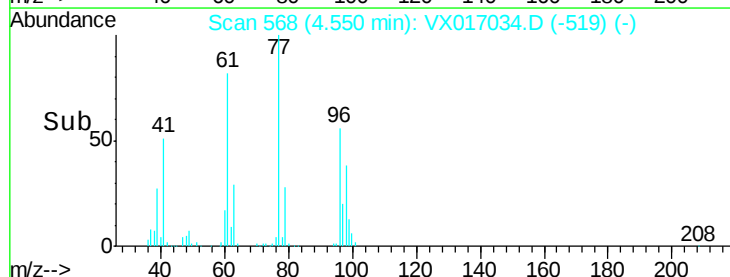
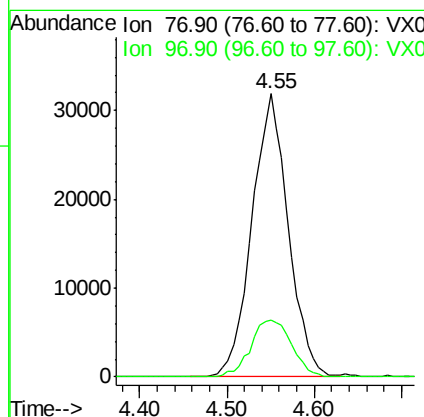
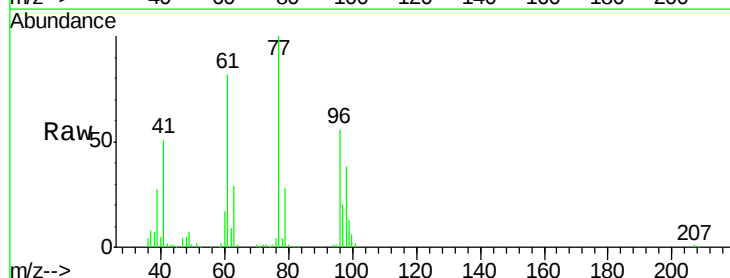
Acq: 30 Jun 2020 11:00

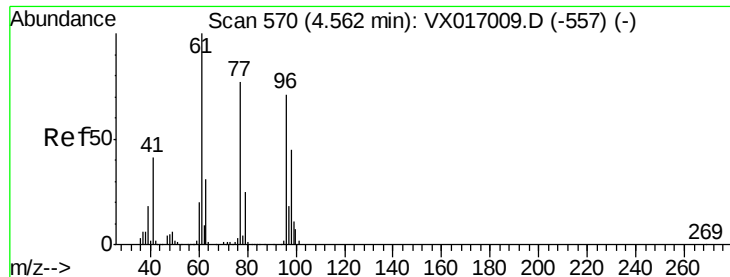
Tgt Ion: 77 Resp: 92438

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

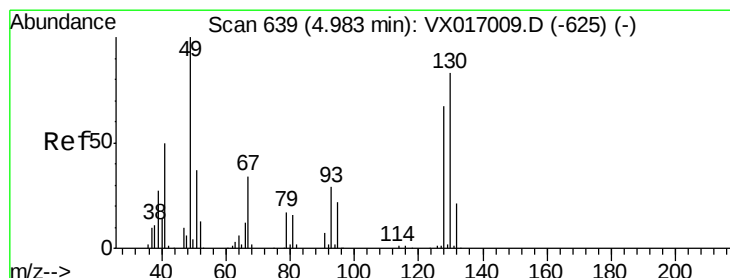
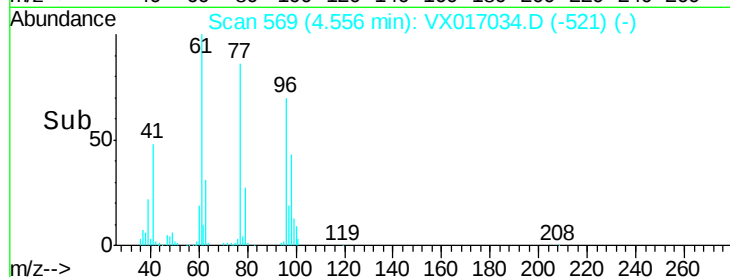
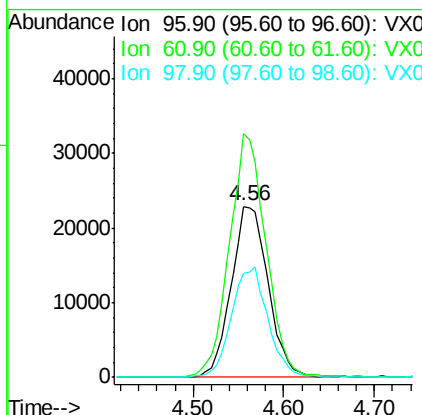
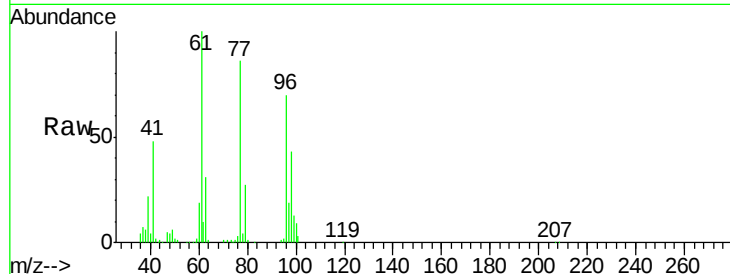
cis-1,2-Dichloroethene
Concen: 17.777 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	282.8
98	63.6	0.0	127.6

Manual Integrations
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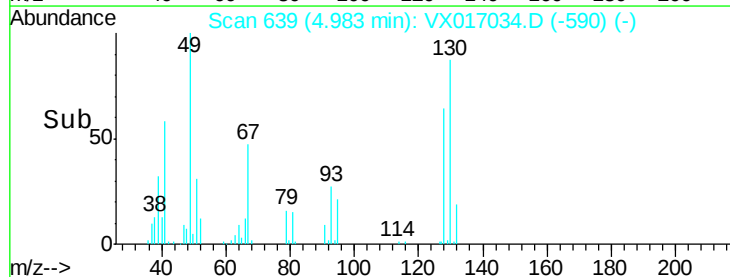
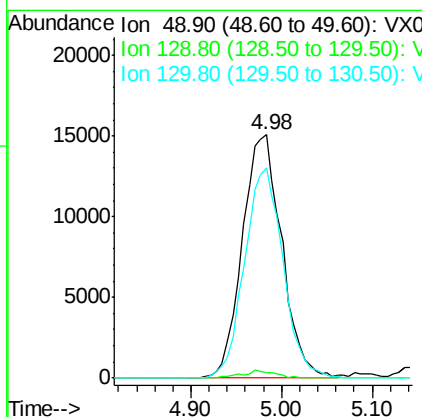
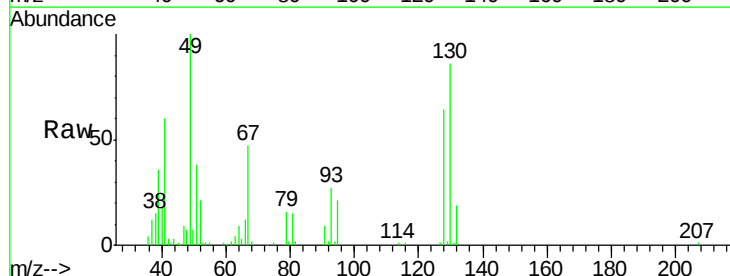
MMDadoda
7/1/2020 10:49:13 AM

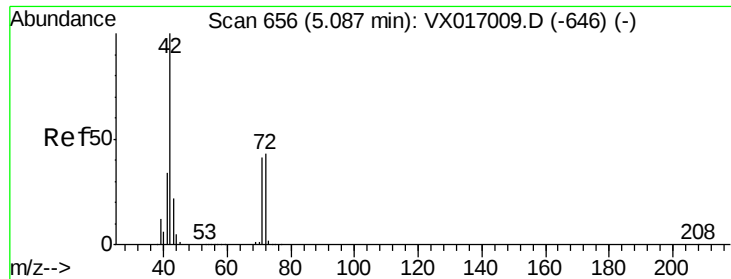


#28

Bromochloromethane
Concen: 16.521 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	84.4	66.6	100.0





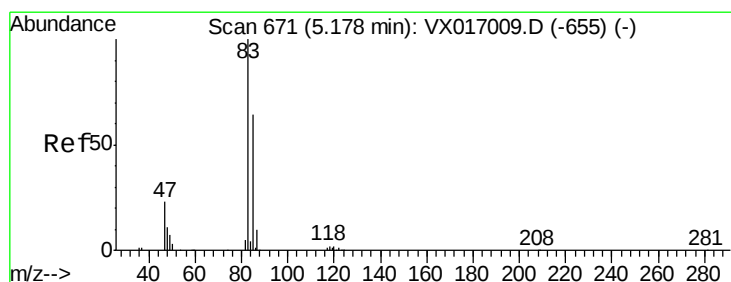
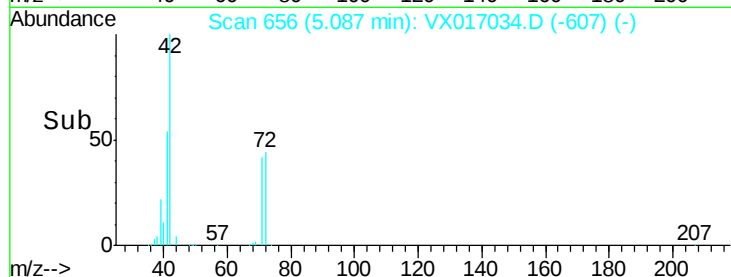
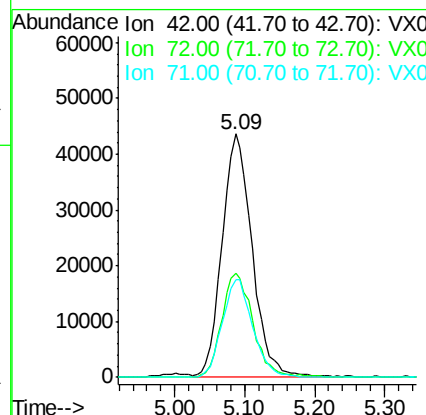
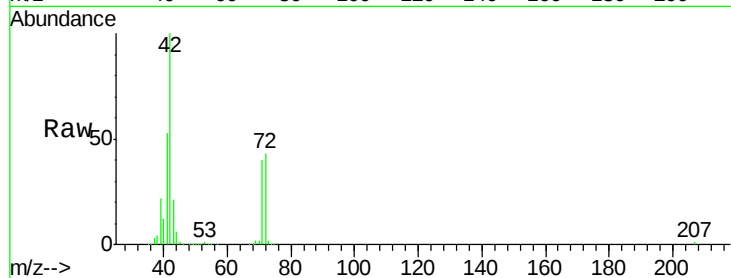
#29
Tetrahydrofuran
Concen: 86.692 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	35.3	52.9
71	41.3	33.1	49.7

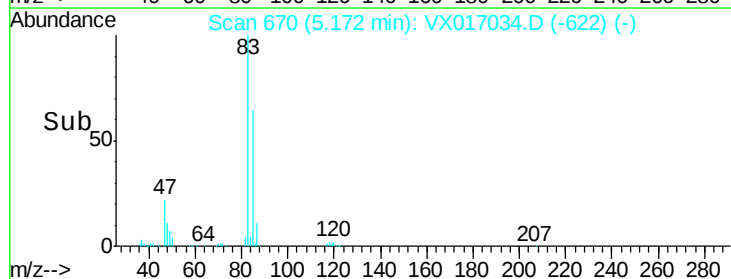
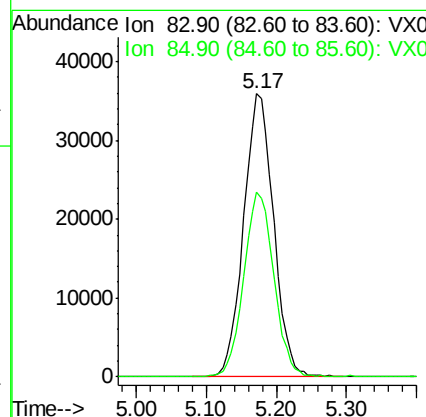
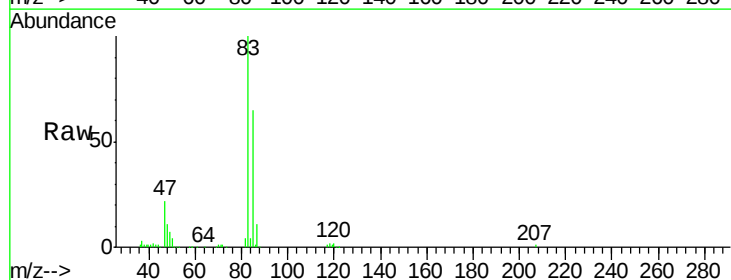
Manual Integrations
APPROVED

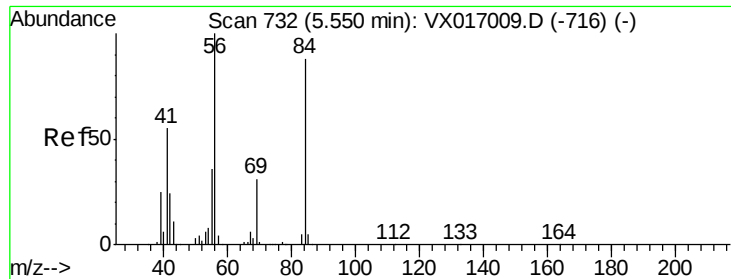
MMDadoda
7/1/2020 10:49:13 AM



#30
Chloroform
Concen: 18.493 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.4	77.2





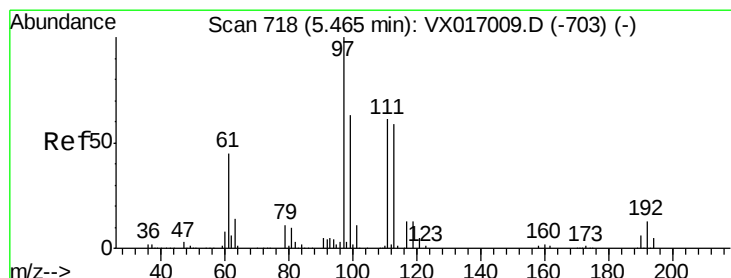
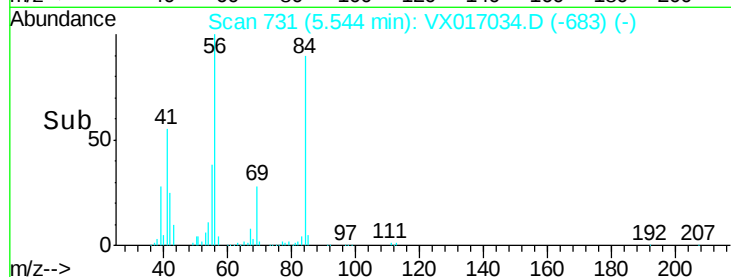
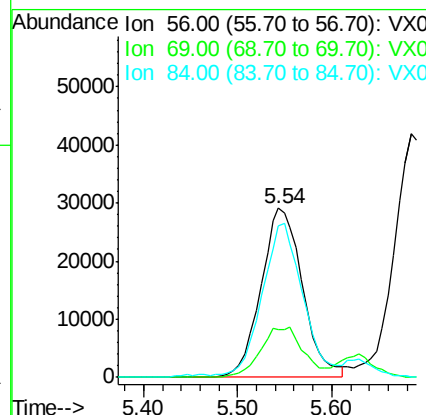
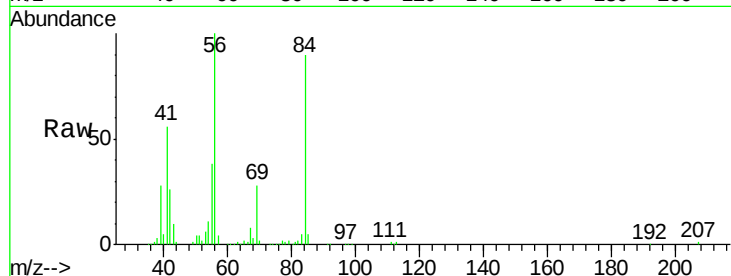
#31
Cyclohexane
Concen: 18.413 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.0	37.4
84	88.2	69.1	103.7

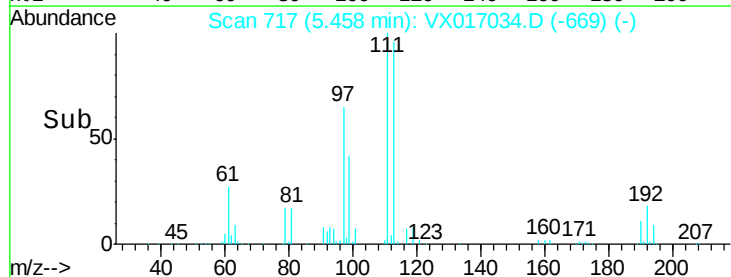
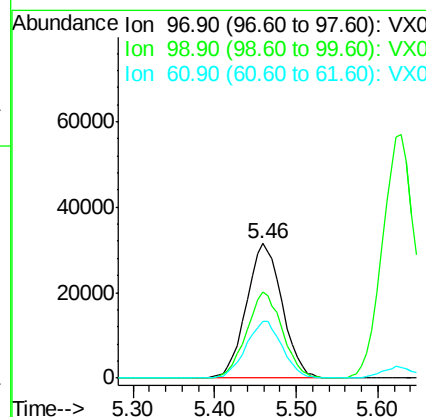
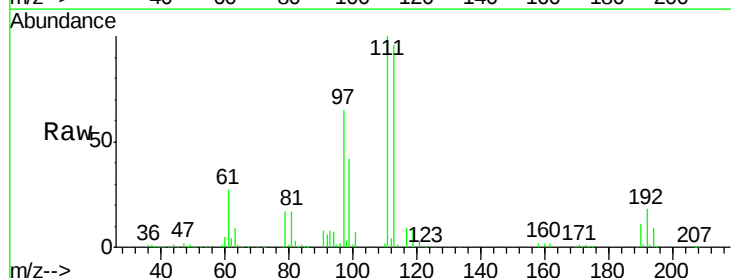
Manual Integrations
APPROVED

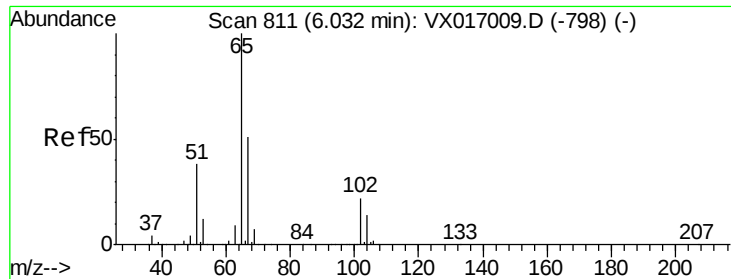
MMDadoda
7/1/2020 10:49:13 AM



#32
1,1,1-Trichloroethane
Concen: 18.017 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	43.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 45.467 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tot Ion: 65 Resp: 164006

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.8

Instrument :

MSVOA_X

ClientSampled :

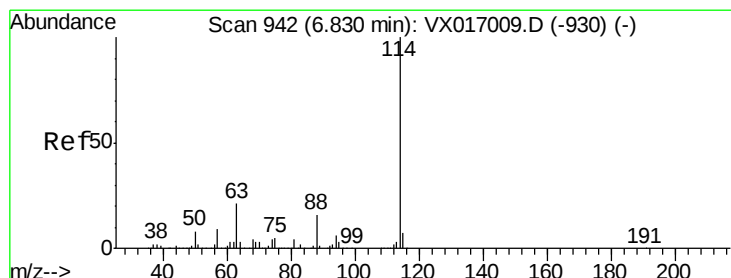
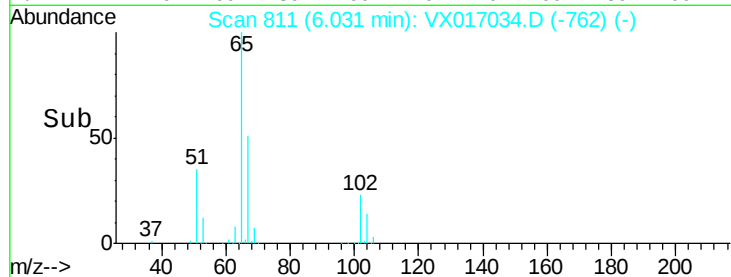
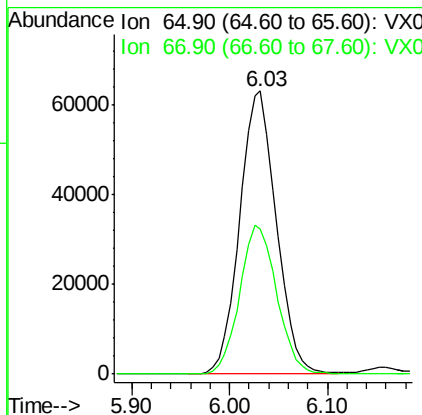
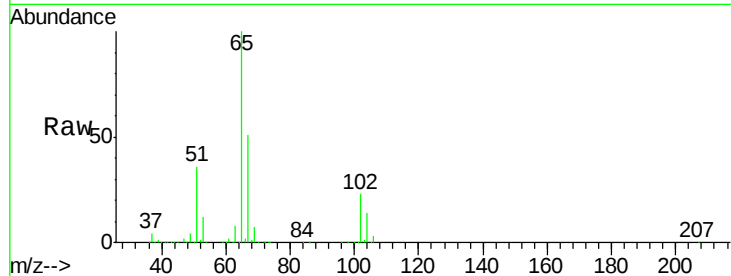
VX0630WBS01

Manual Integrations

APPROVED

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7/1/2020 10:49:13 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

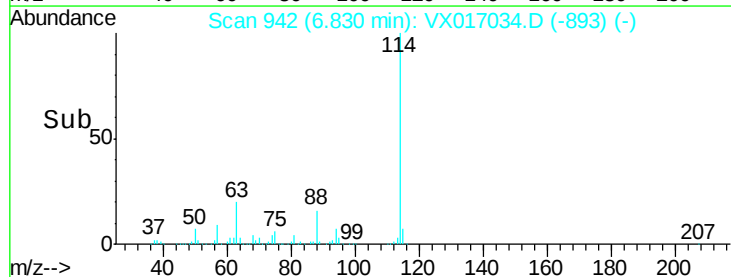
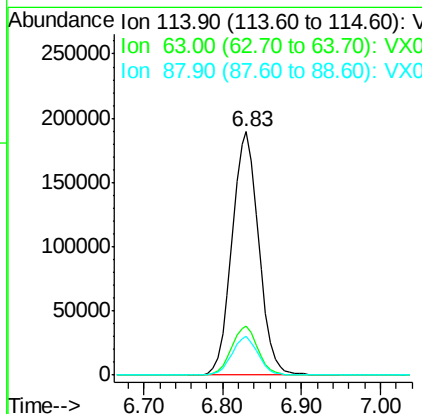
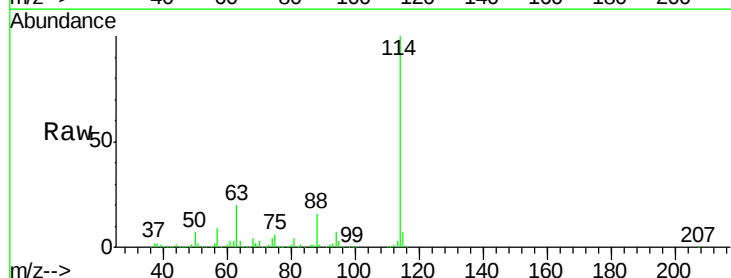
Tgt Ion: 114 Resp: 445197

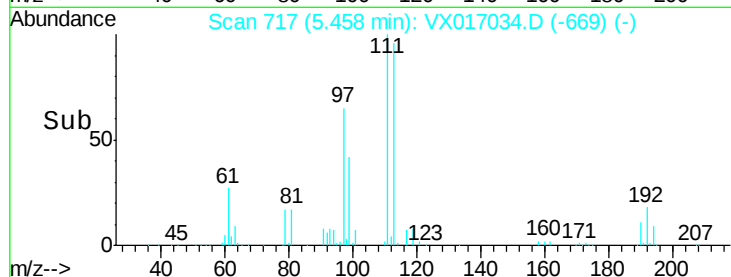
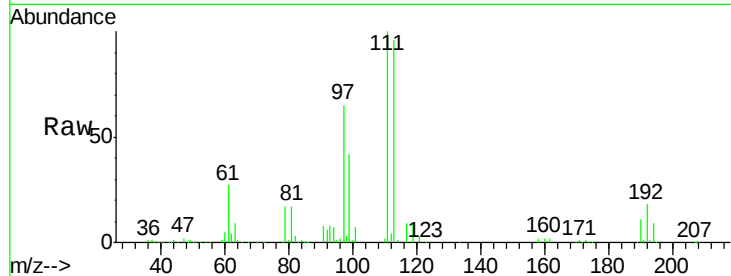
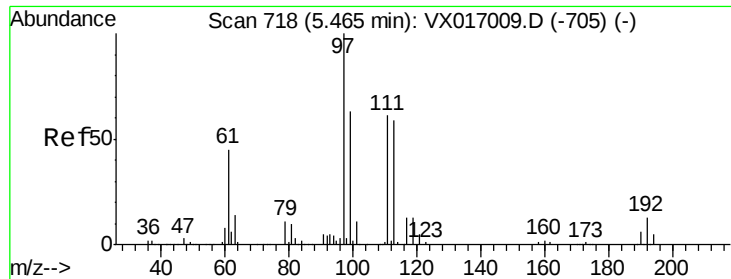
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

88 15.8 0.0 32.4





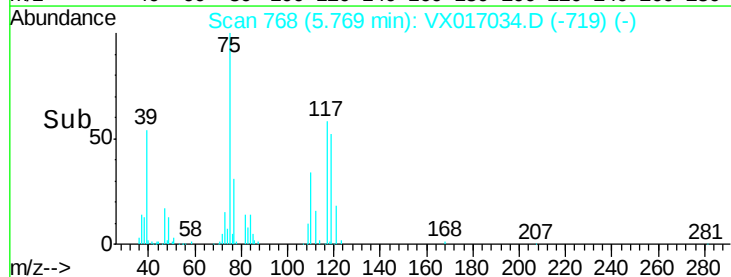
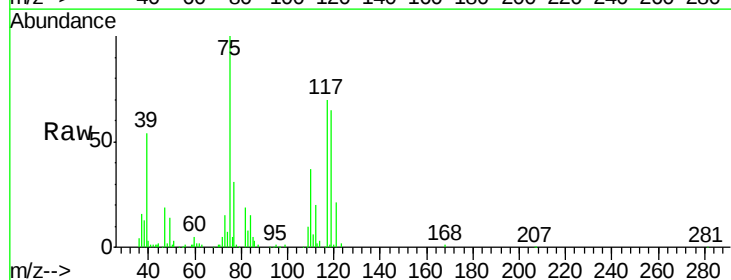
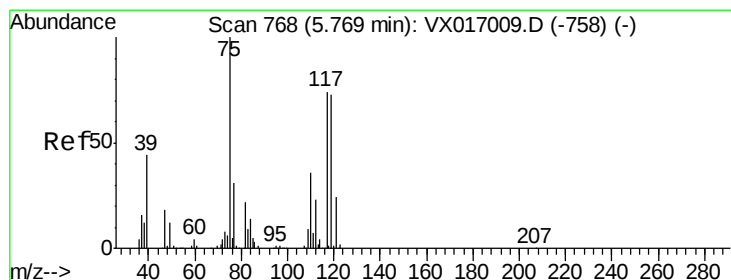
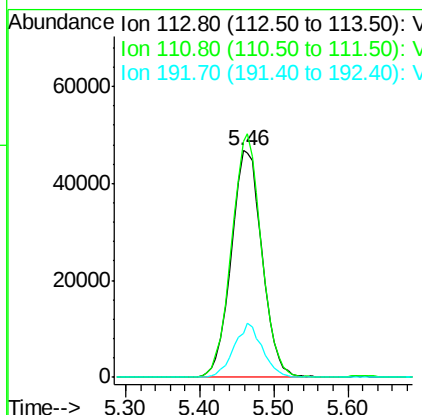
#35
Dibromofluoromethane
Concen: 48.384 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136257		
111	103.6	81.9	122.9	
192	21.8	16.7	25.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

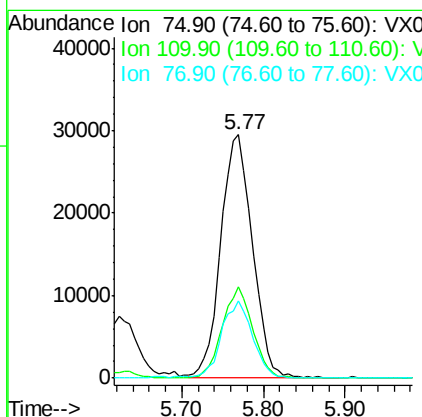
Manual Integrations
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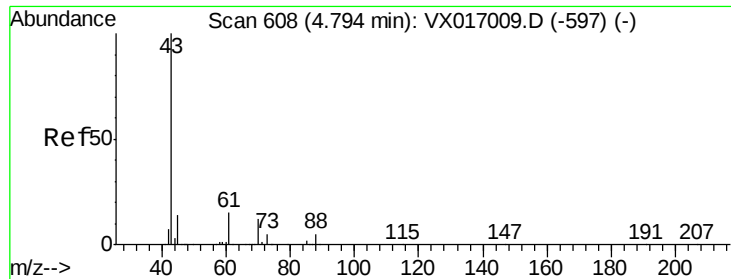
MMDadoda
7/1/2020 10:49:13 AM



#36
1,1-Dichloropropene
Concen: 18.902 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79535		
110	35.7	18.1	54.1	
77	31.3	24.6	37.0	





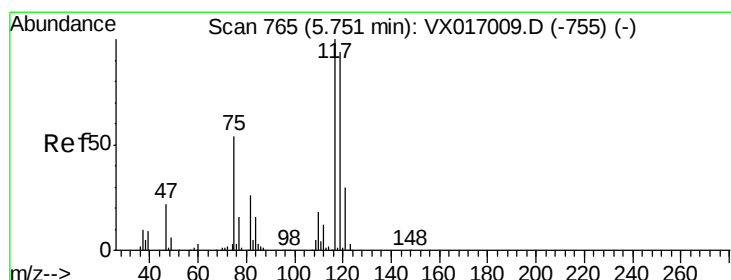
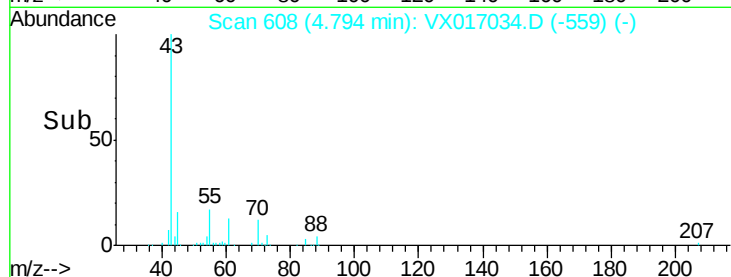
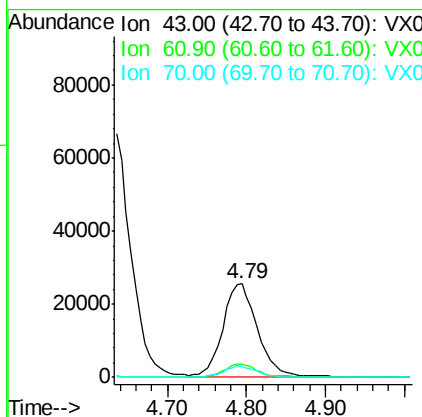
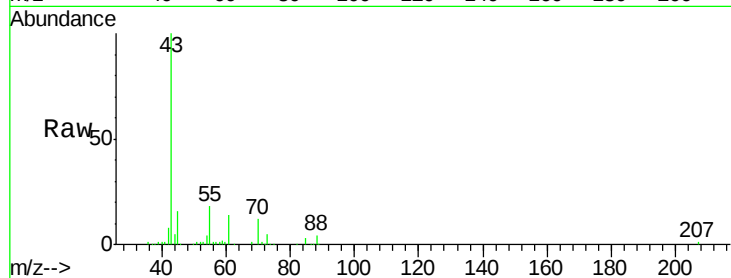
#37
Ethyl Acetate
Concen: 18.145 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.4
70	11.7	8.9	13.3

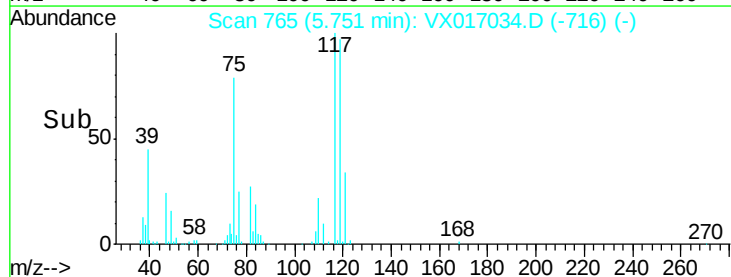
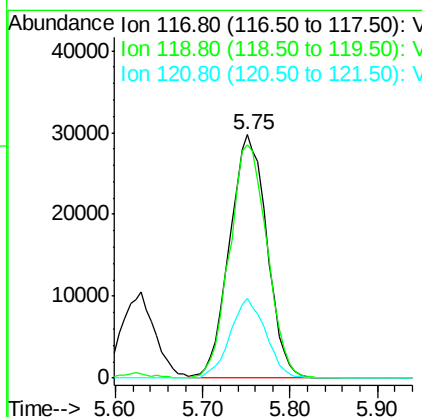
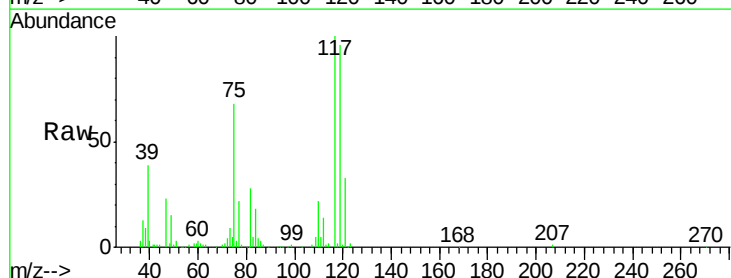
Manual Integrations
APPROVED

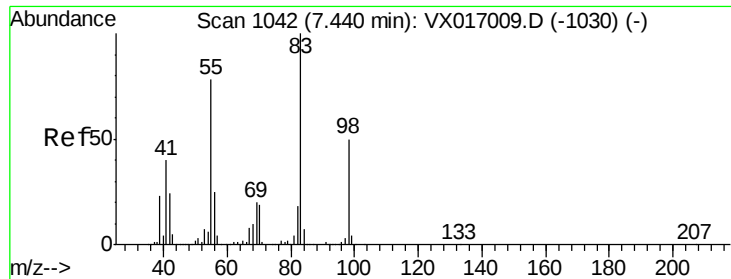
MMDadoda
7/1/2020 10:49:13 AM



#38
Carbon Tetrachloride
Concen: 19.029 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.0
121	32.6	23.8	35.6





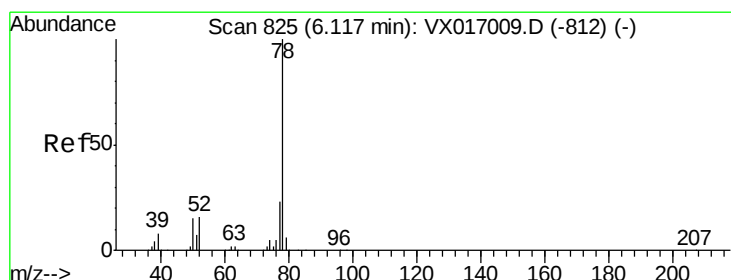
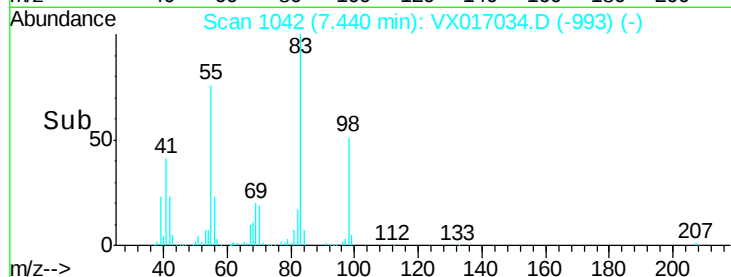
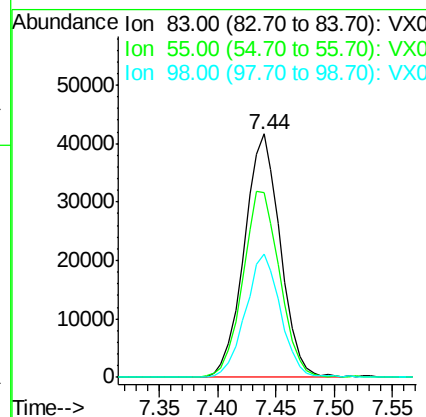
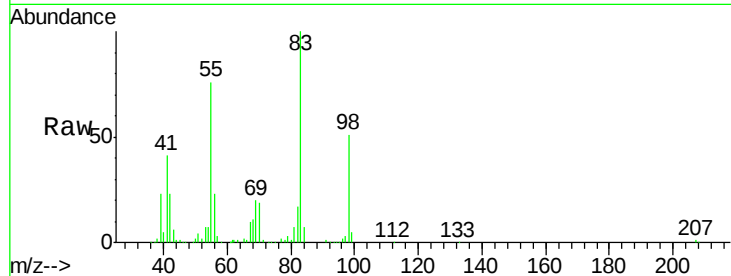
#39
Methvlcvclohexane
Concen: 19.129 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.9	62.5	93.7	
98	50.8	40.1	60.1	

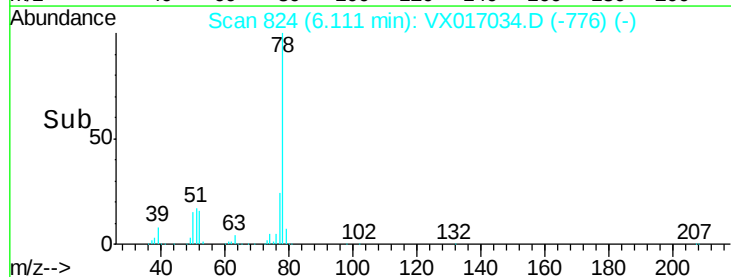
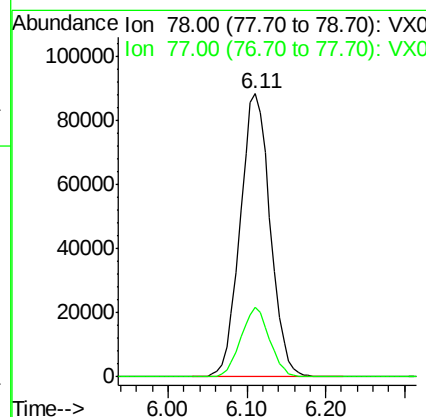
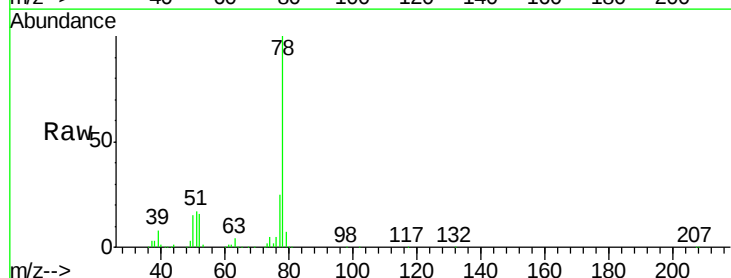
Manual Integrations
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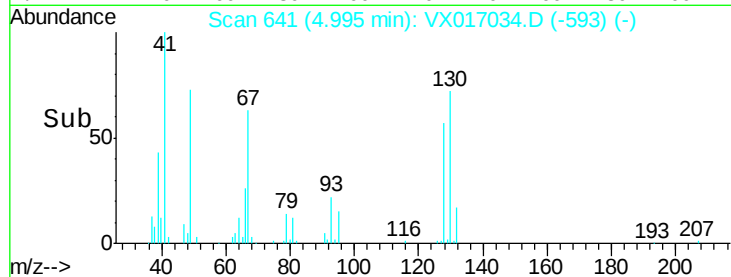
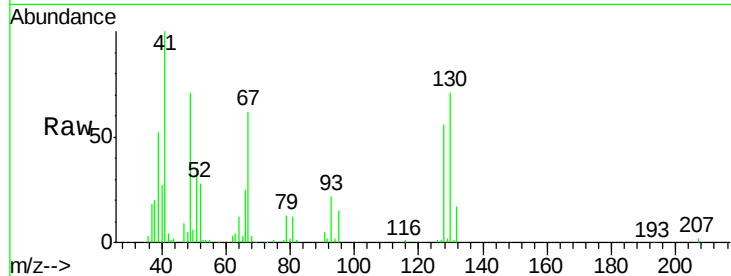
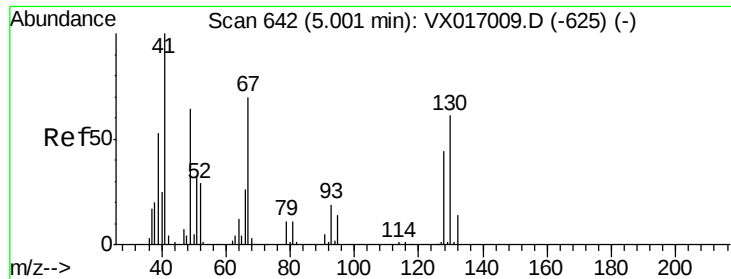
MMDadoda
7/1/2020 10:49:13 AM



#40
Benzene
Concen: 18.926 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	18.3	27.5	





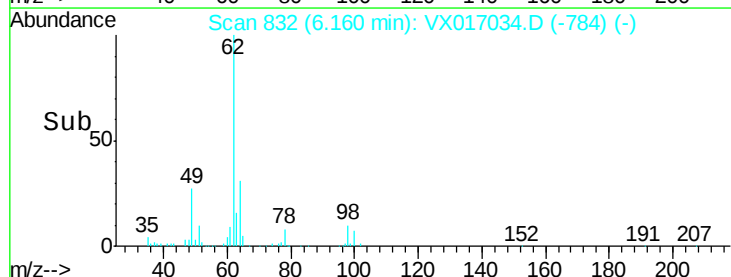
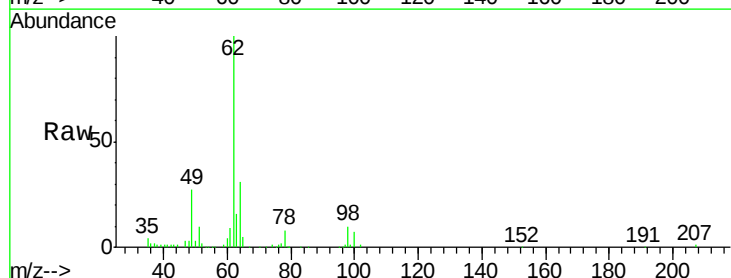
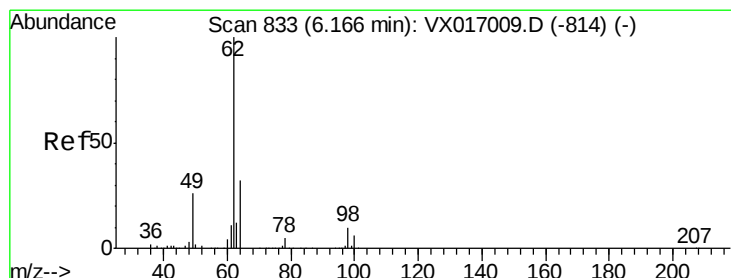
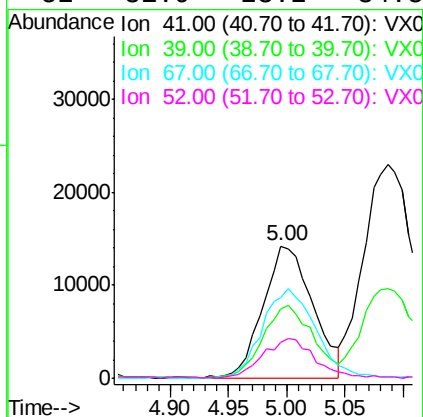
#41
Methacrylonitrile
Concen: 17.672 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.4	66.6
67	72.3	57.1	85.7
52	31.9	23.2	34.8

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

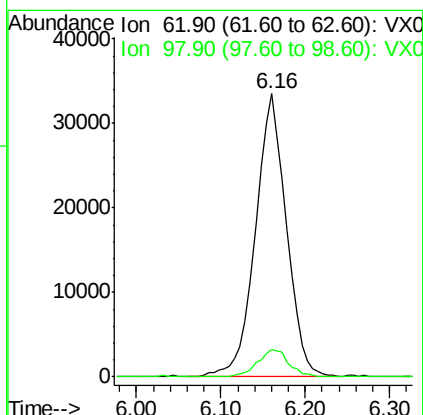
Manual Integrations
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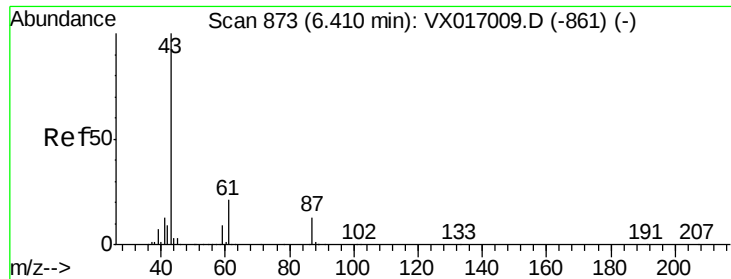
MMDadoda
7/1/2020 10:49:13 AM



#42
1,2-Dichloroethane
Concen: 18.818 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





#43

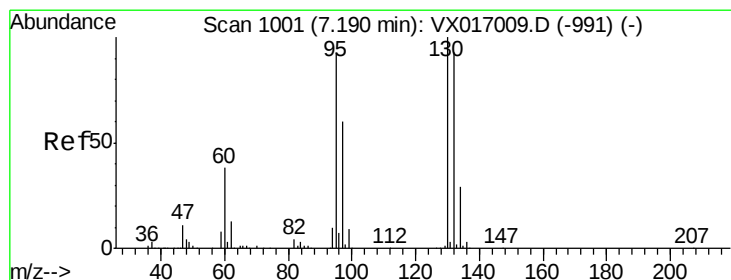
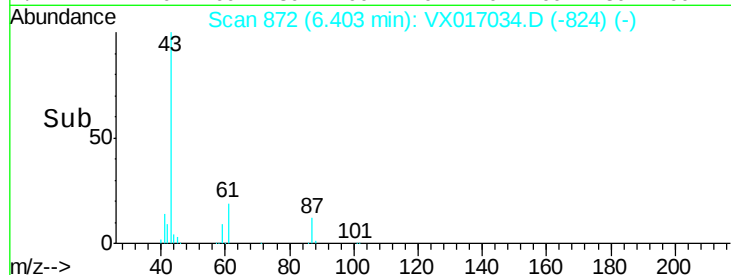
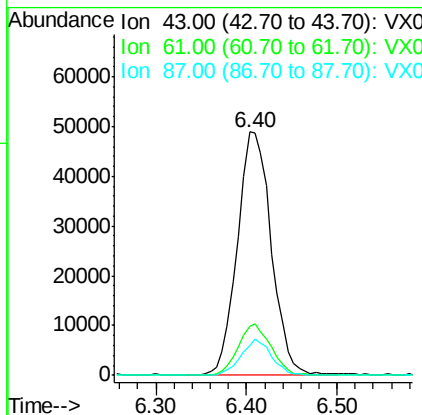
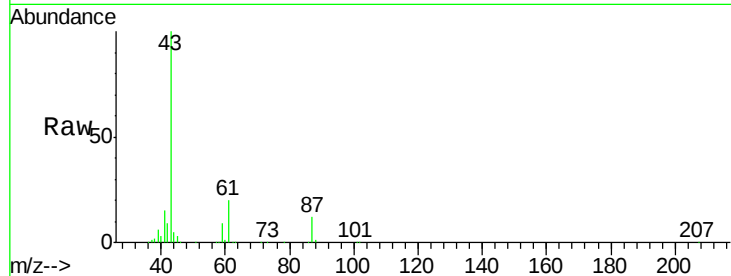
Isopropyl Acetate
 Concen: 17.764 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.2	24.2
87	13.5	10.7	16.1

Manual Integrations
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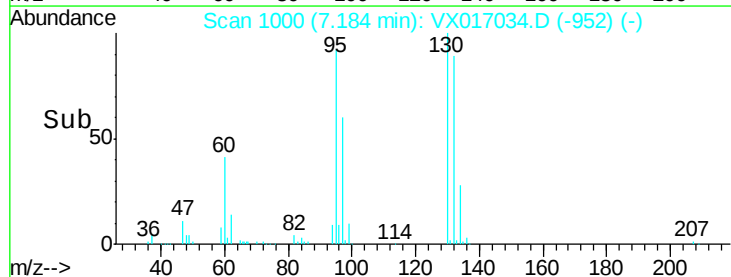
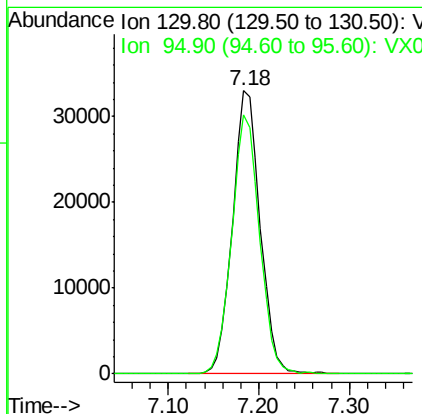
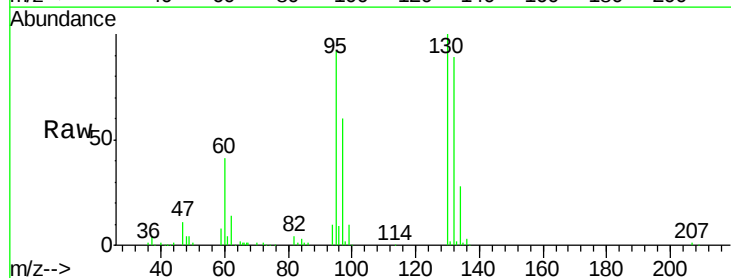
MMDadoda
 7/1/2020 10:49:13 AM



#44

Trichloroethene
 Concen: 20.288 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	185.0





#45

1,2-Dichloropropane

Concen: 18.552 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 63 Resp: 58908

Ion Ratio Lower Upper

63 100

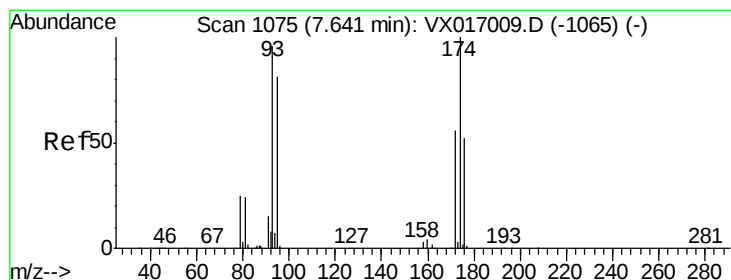
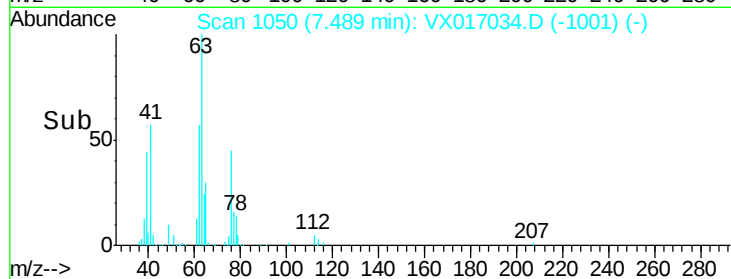
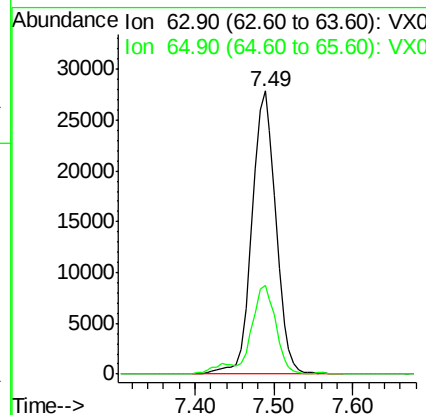
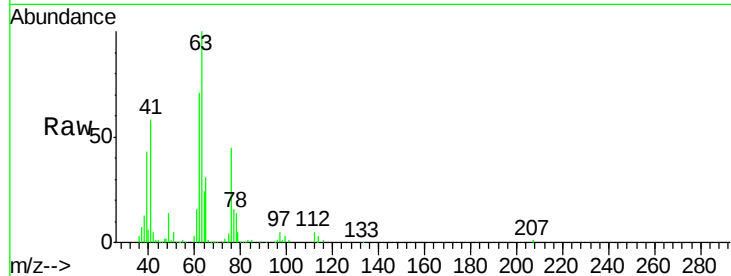
65 31.4 24.6 36.8

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 18.932 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

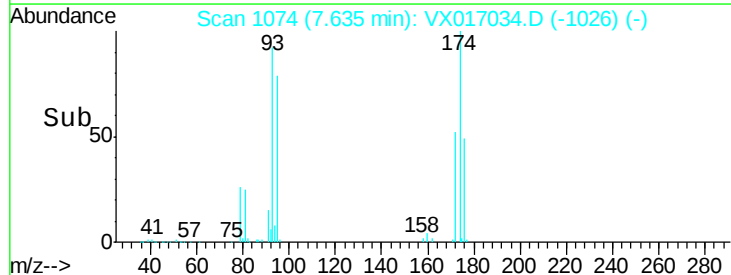
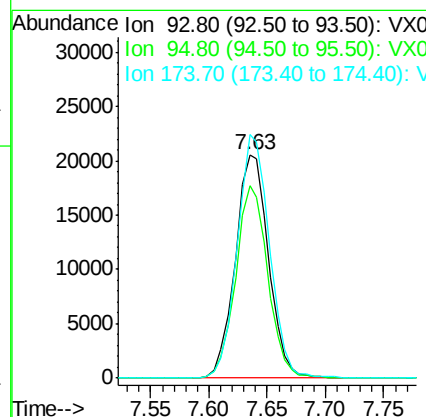
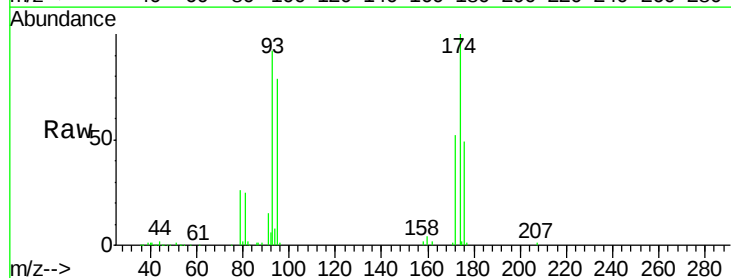
Tgt Ion: 93 Resp: 41042

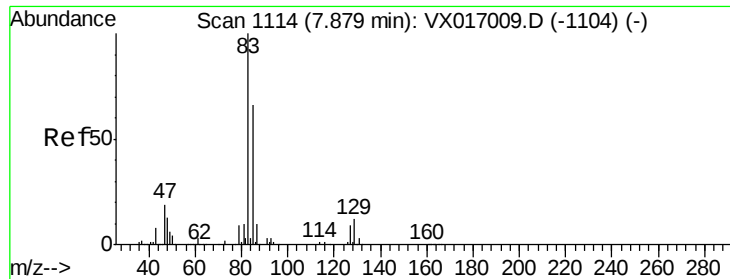
Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

174 105.6 84.3 126.5





#47

Bromodichloromethane

Concen: 19.038 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

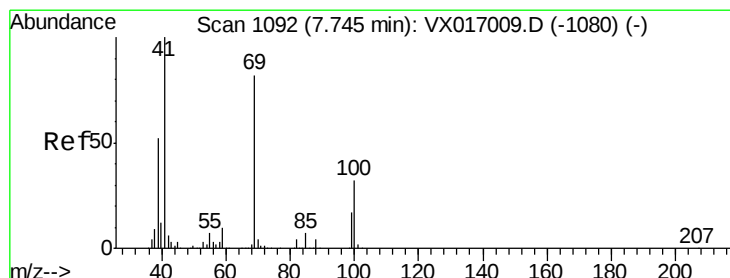
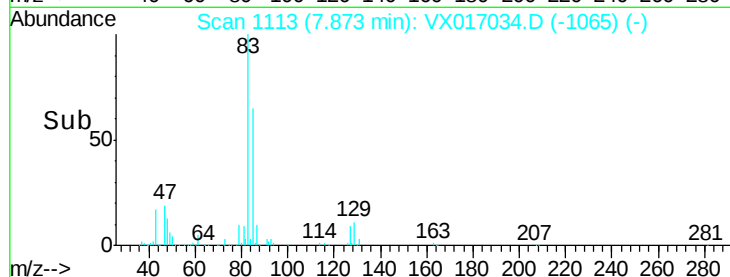
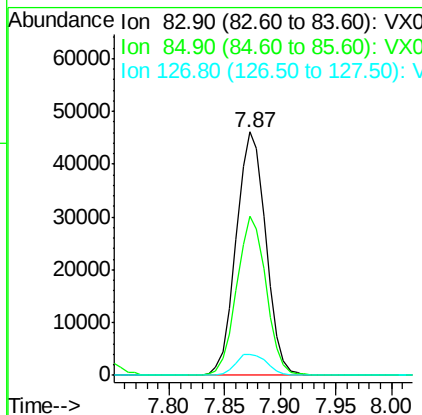
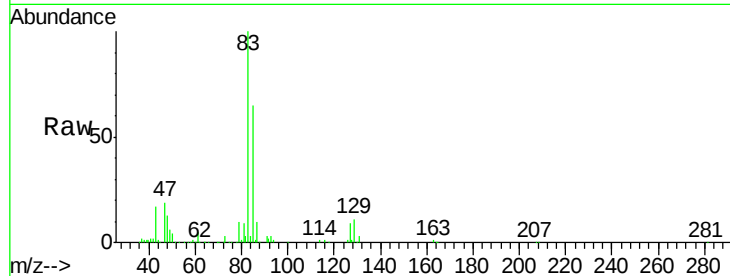
ClientSampleId :

VX0630WBS01

Tot Ion:	83	Resp:	85052
Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.4
127	8.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.103 ug/l

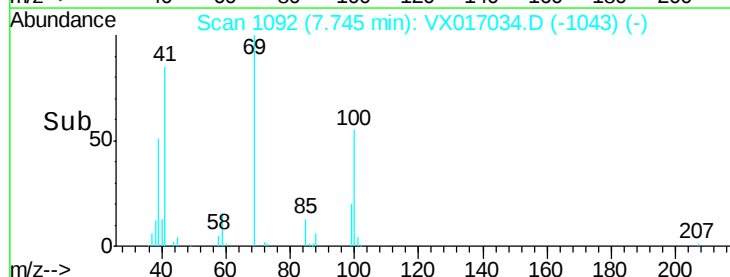
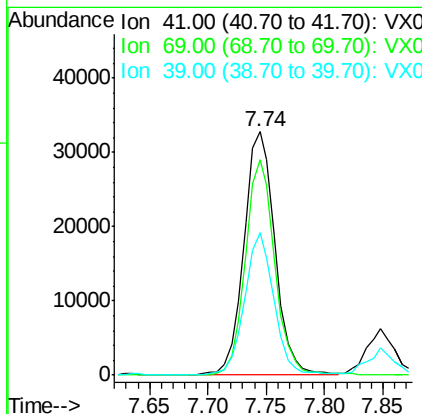
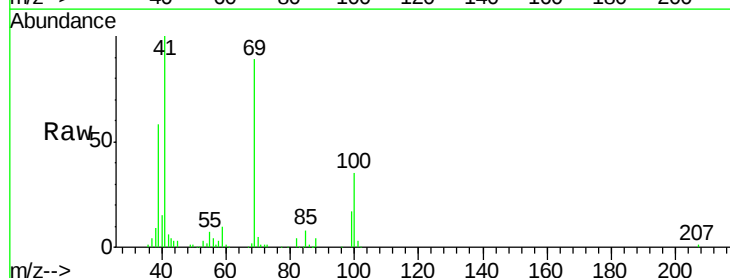
RT: 7.74 min Scan# 1092

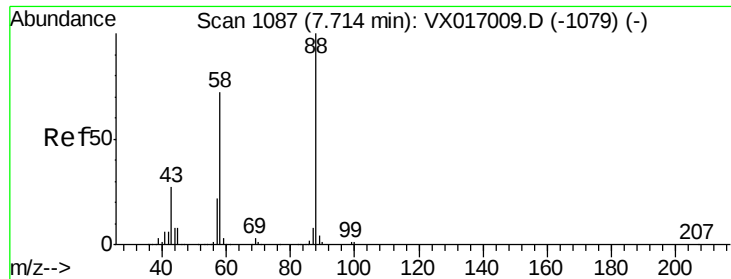
Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion:	41	Resp:	61013
Ion	Ratio	Lower	Upper
41	100		
69	84.1	65.8	98.8
39	55.6	42.5	63.7





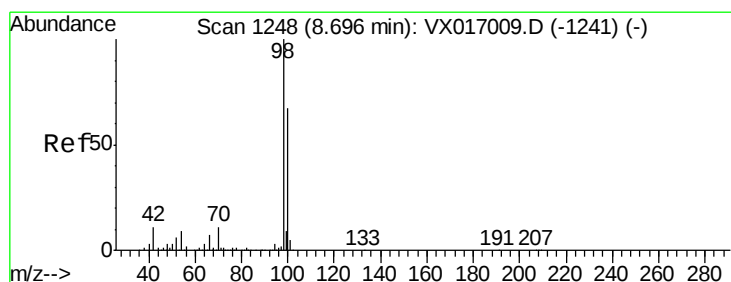
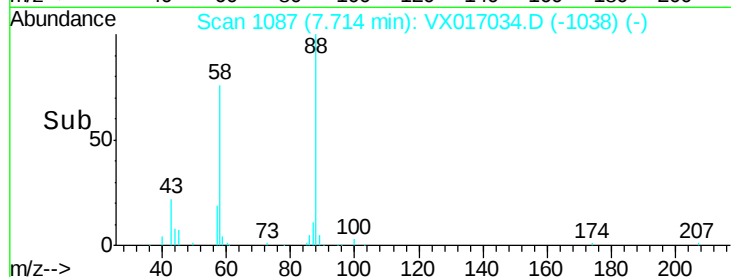
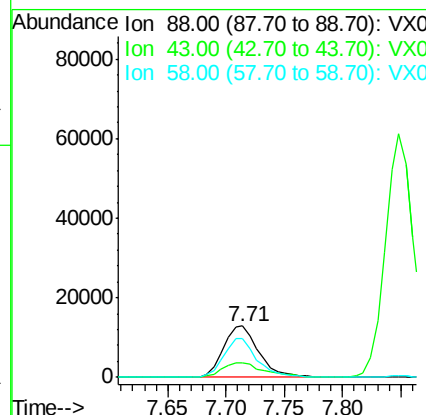
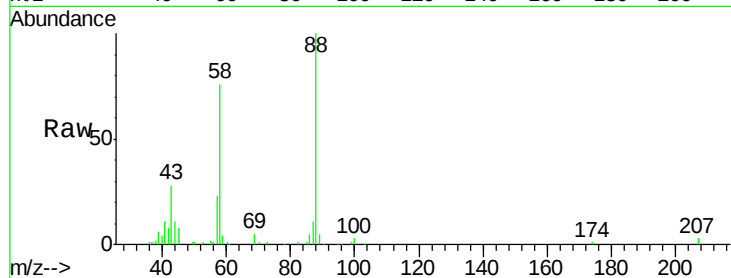
#49
1,4-Dioxane
Concen: 353.353 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.8	38.8
58	73.0	54.8	82.2

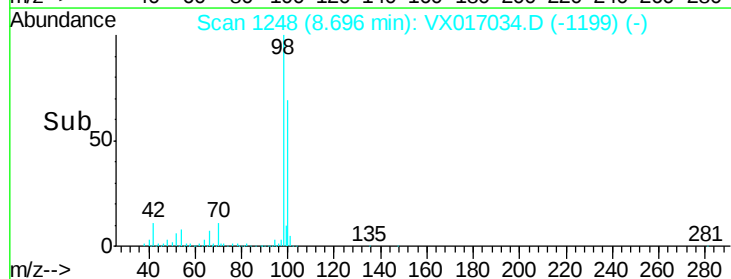
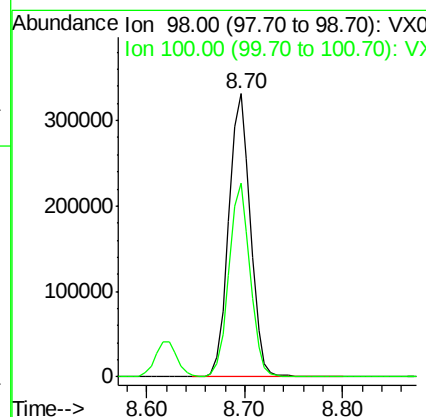
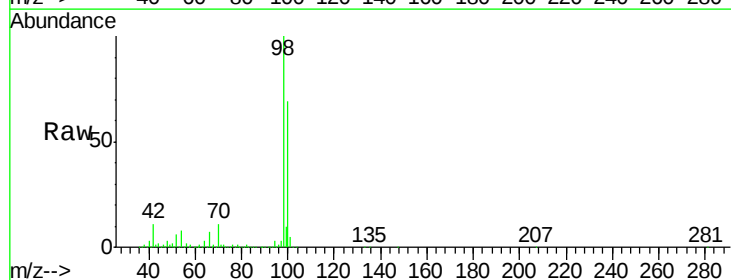
Manual Integrations
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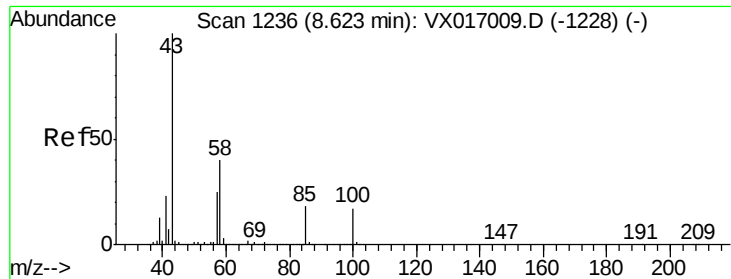
MMDadoda
7/1/2020 10:49:13 AM



#50
Toluene-d8
Concen: 48.777 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 90.617 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 43 Resp: 383196

Ion Ratio Lower Upper

43 100

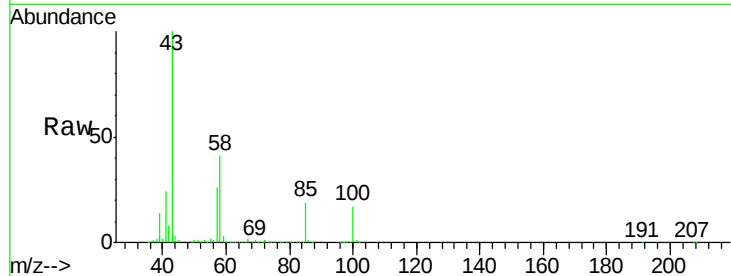
58 40.2 31.9 47.9

Manual Integrations

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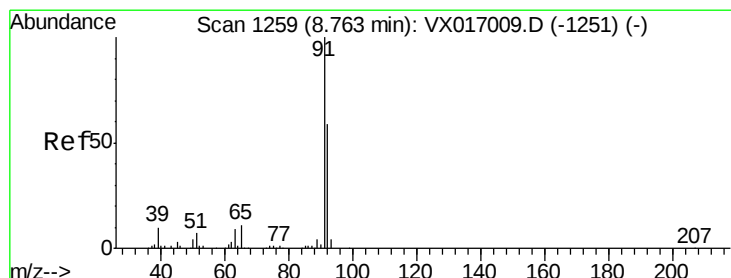
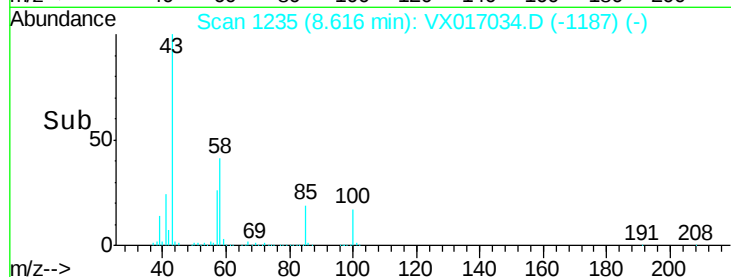
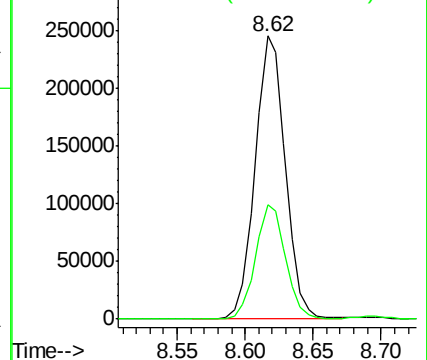
MMDadoda

7/1/2020 10:49:13 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.403 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017034.D

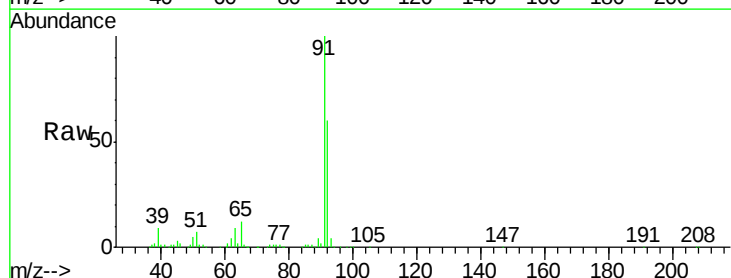
Acq: 30 Jun 2020 11:00

Tgt Ion: 92 Resp: 149761

Ion Ratio Lower Upper

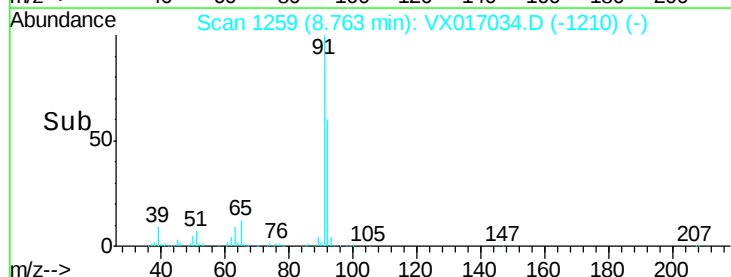
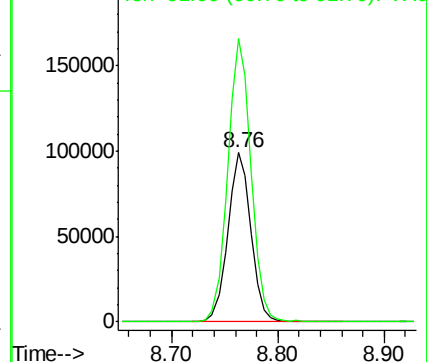
92 100

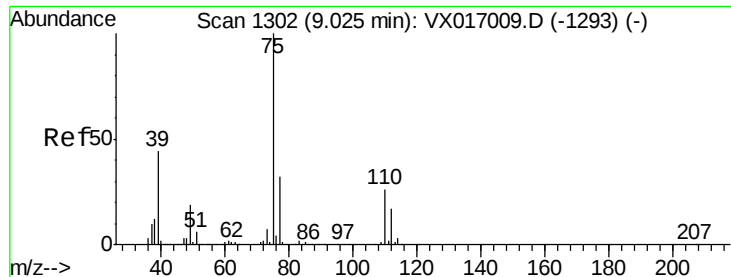
91 169.0 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





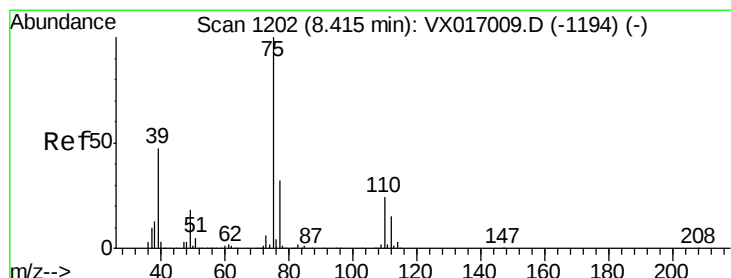
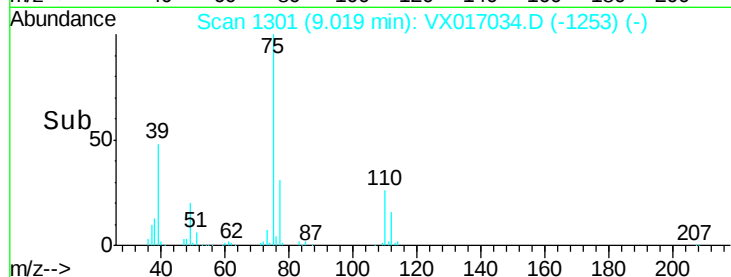
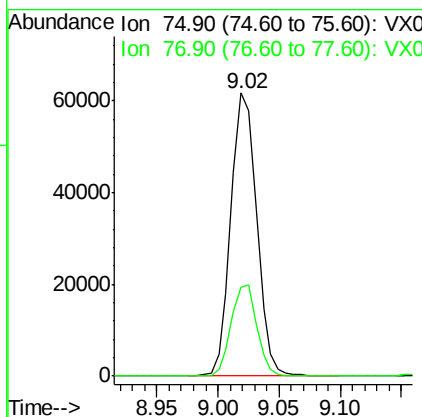
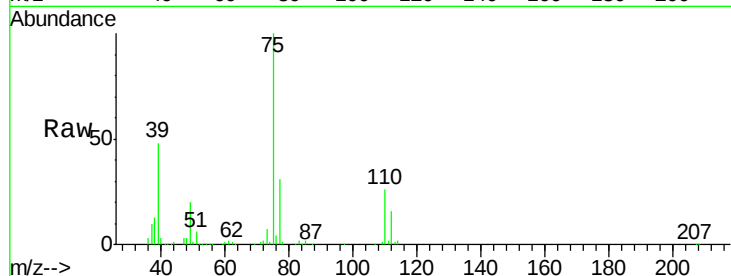
#53
t-1,3-Dichloropropene
Concen: 18.353 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion: 75 Resp: 90467
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

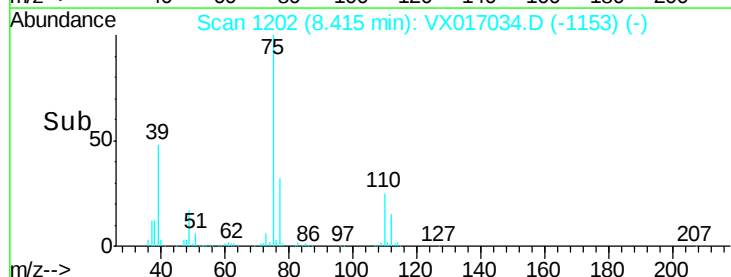
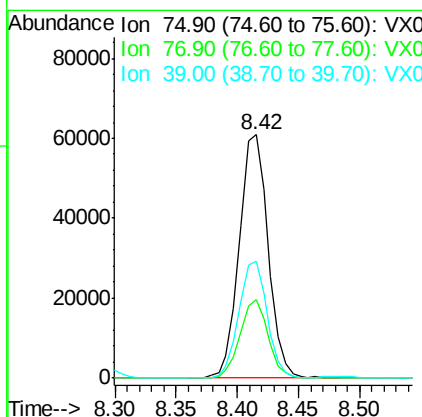
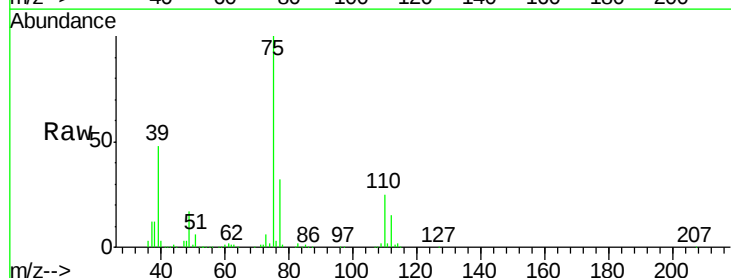
Manual Integrations
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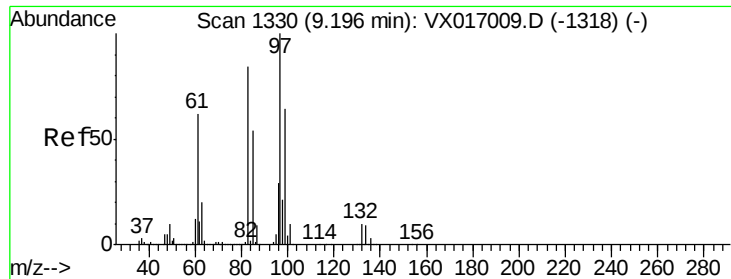
MMDadoda
7/1/2020 10:49:13 AM



#54
cis-1,3-Dichloropropene
Concen: 18.889 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion: 75 Resp: 99809
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 47.9 37.4 56.2





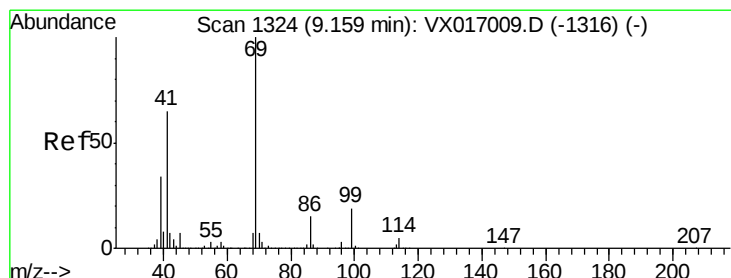
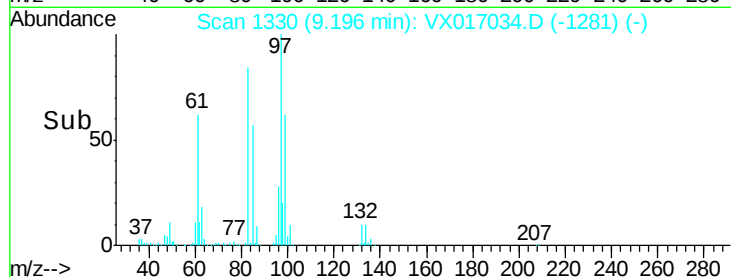
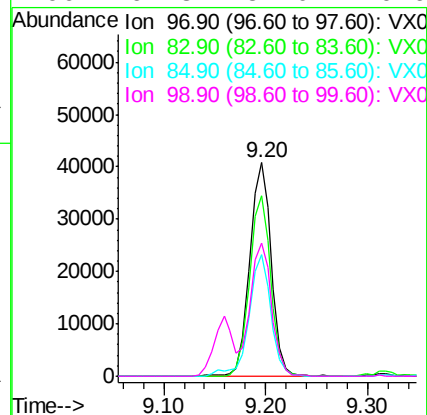
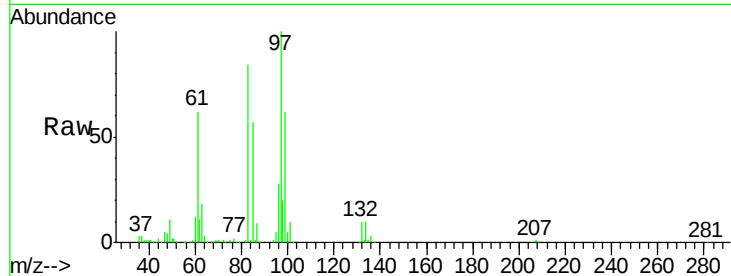
#55
 1,1,2-Trichloroethane
 Concen: 18.974 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59835		
83	84.2	67.0	100.6		
85	56.8	43.5	65.3		
99	62.3	51.0	76.6		

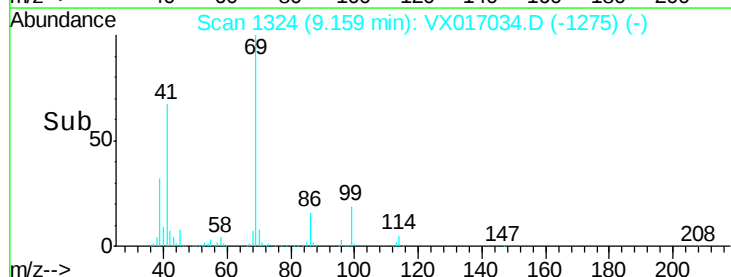
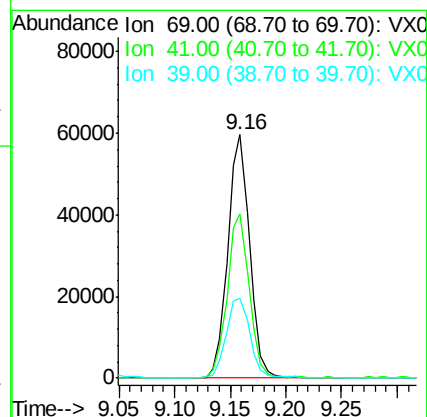
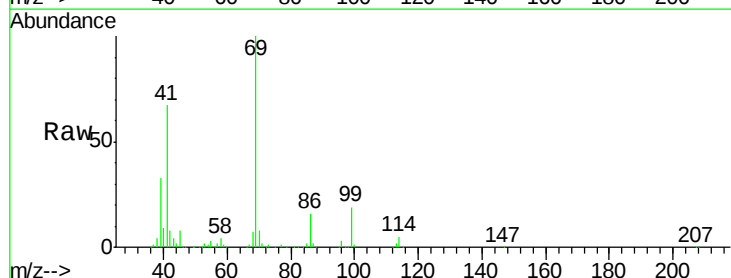
Manual Integrations
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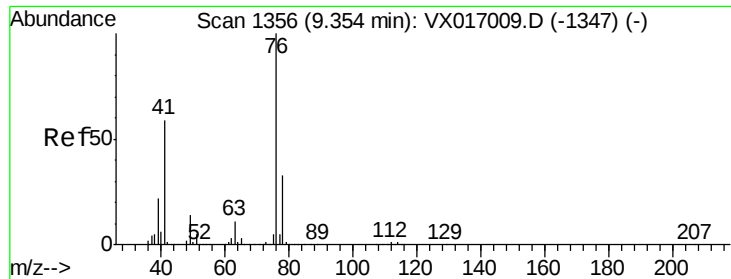
MMDadoda
 7/1/2020 10:49:13 AM



#56
 Ethyl methacrylate
 Concen: 17.972 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		80671		
41	67.5	53.6	80.4		
39	36.0	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 18.596 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 76 Resp: 99230

Ion Ratio Lower Upper

76 100

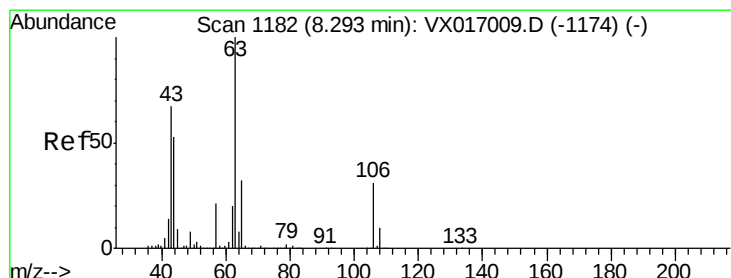
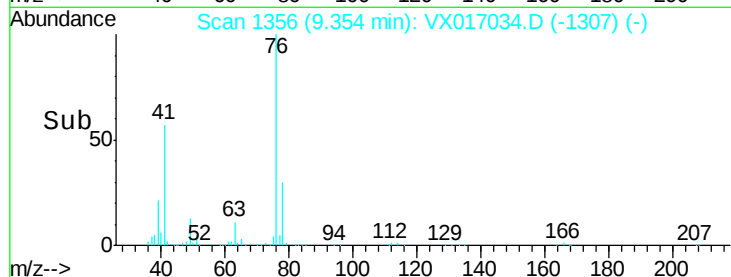
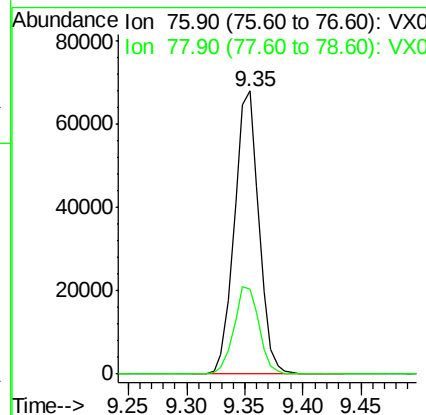
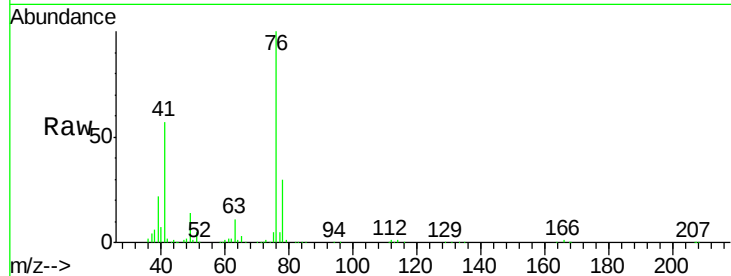
78 31.7 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:49:13 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.985 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017034.D

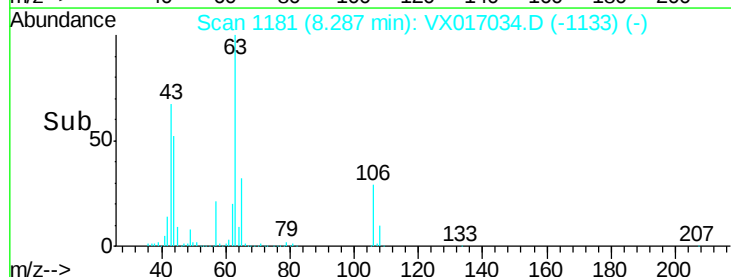
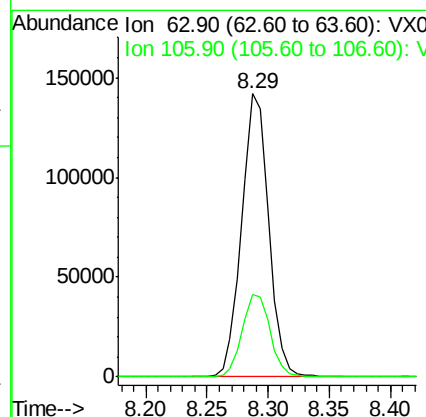
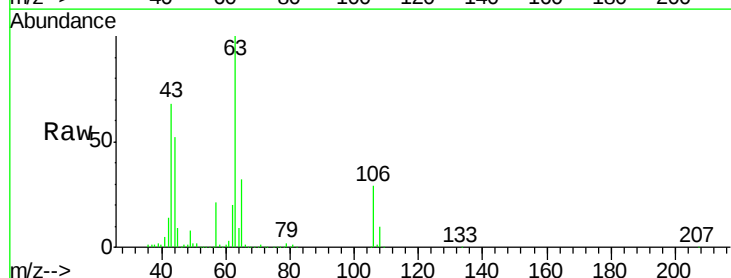
Acq: 30 Jun 2020 11:00

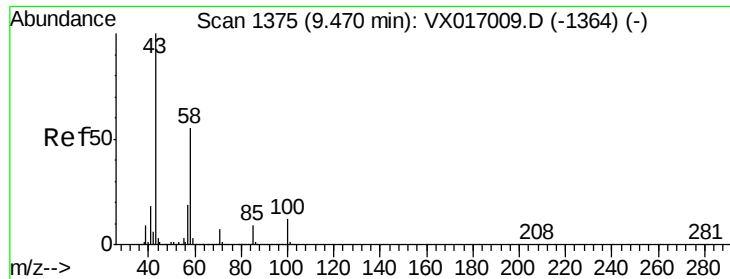
Tgt Ion: 63 Resp: 216660

Ion Ratio Lower Upper

63 100

106 30.2 24.0 36.0





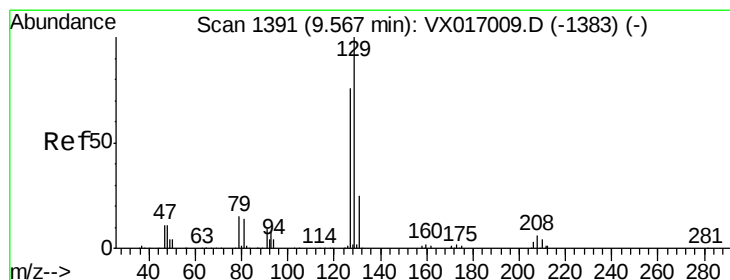
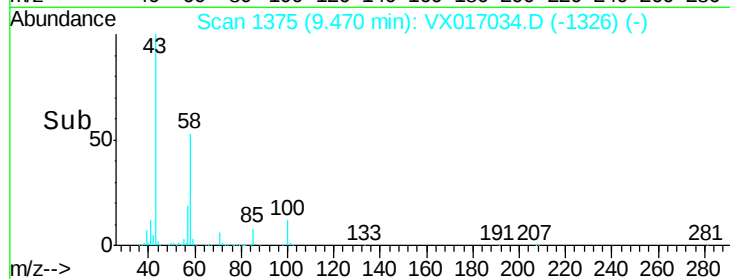
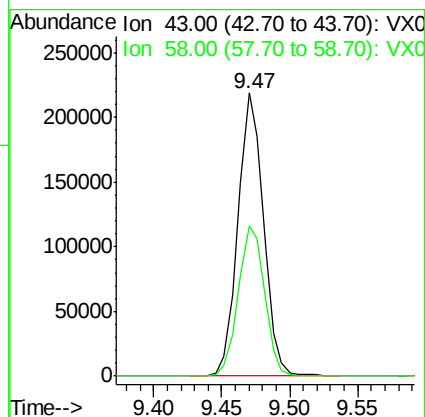
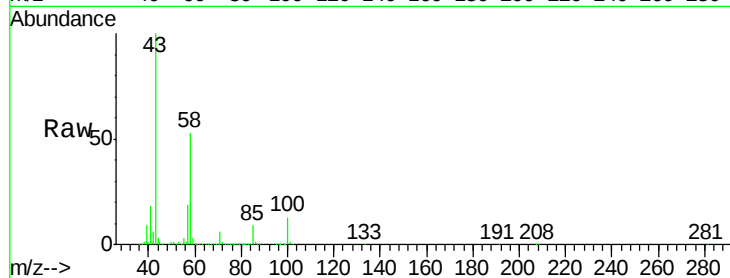
#59
2-Hexanone
Concen: 92.521 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.9	83.6

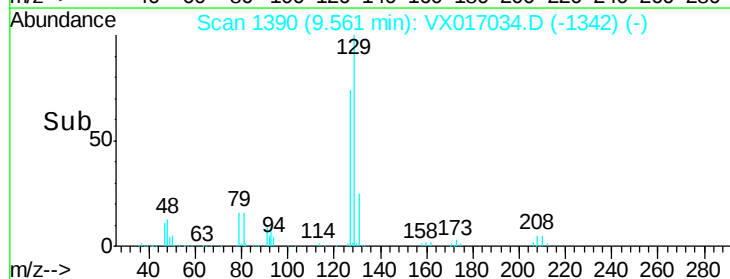
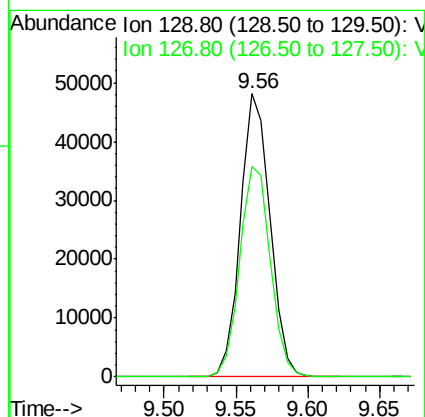
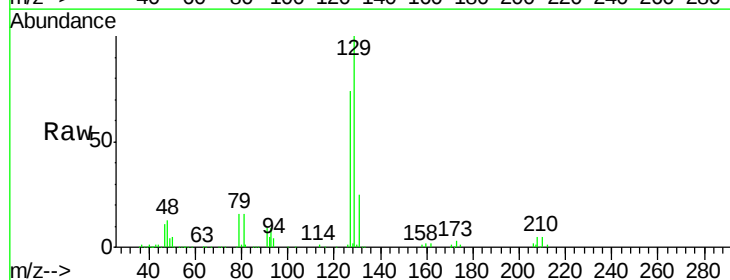
Manual Integrations
APPROVED

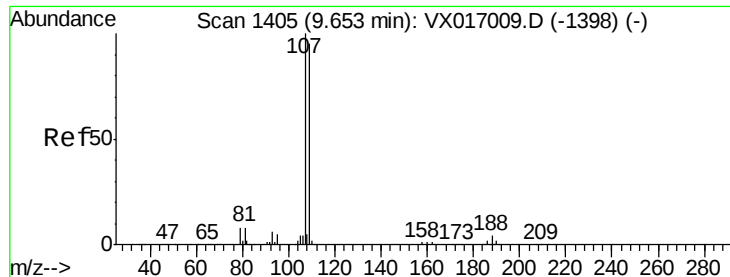
MMDadoda
7/1/2020 10:49:13 AM



#60
Dibromochloromethane
Concen: 18.771 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.9	116.7





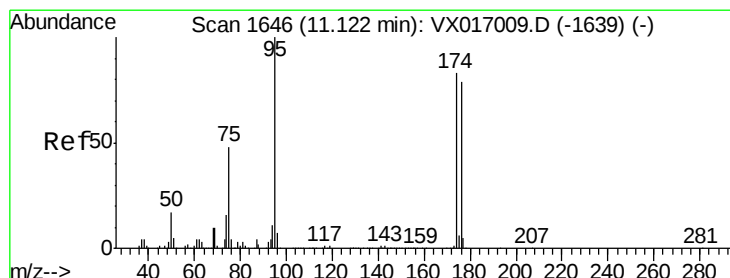
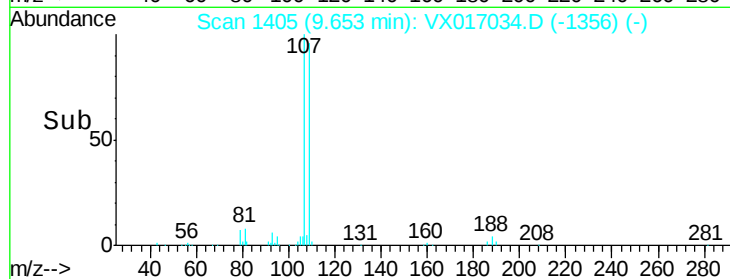
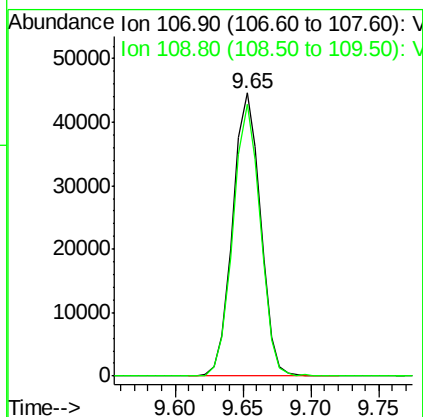
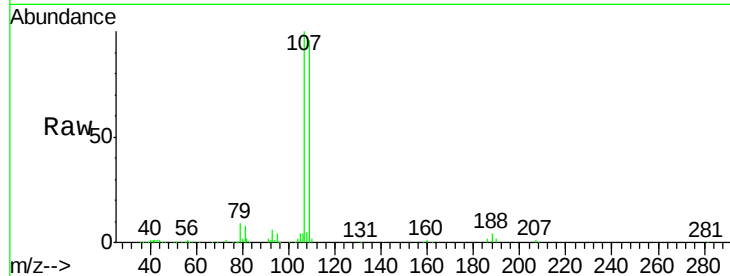
#61
 1,2-Dibromoethane
 Concen: 18.729 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.8

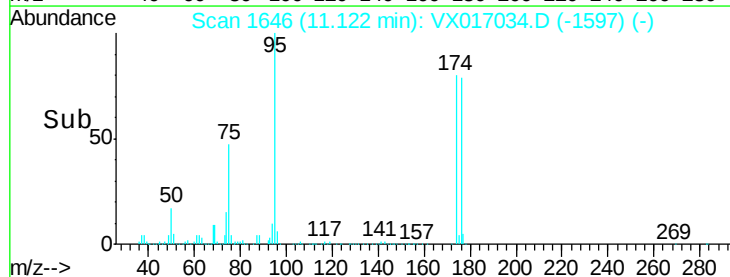
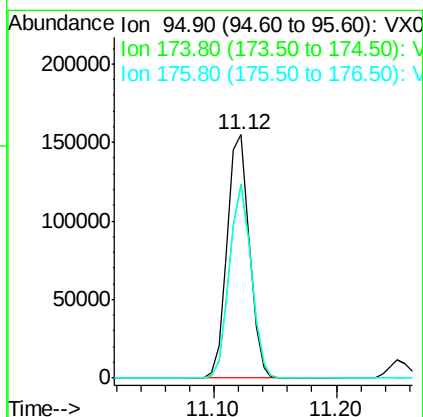
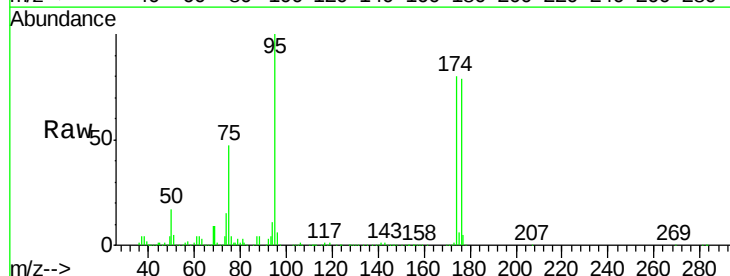
Manual Integrations
 APPROVED

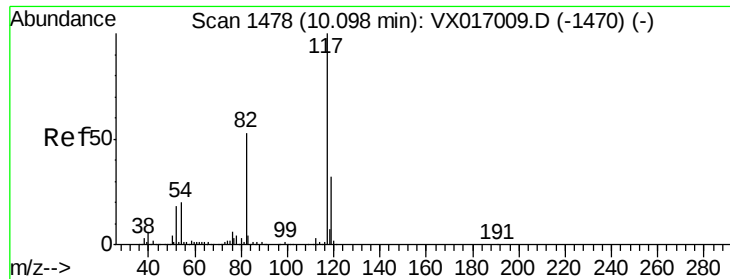
MMDadoda
 7/1/2020 10:49:13 AM



#62
 4-Bromofluorobenzene
 Concen: 47.679 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	164.0
176	78.2	0.0	157.6





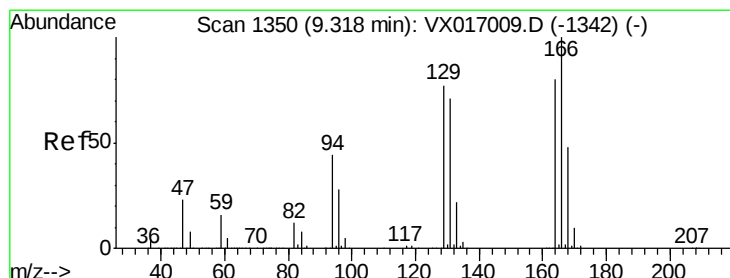
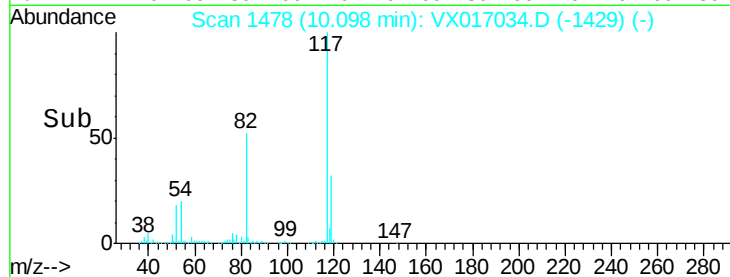
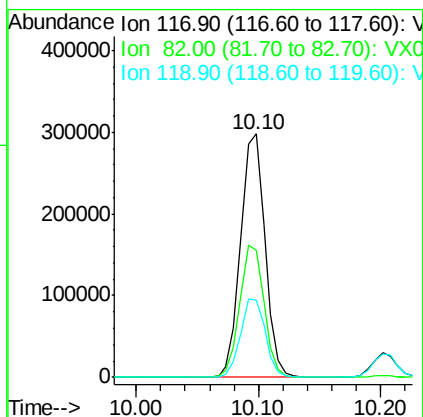
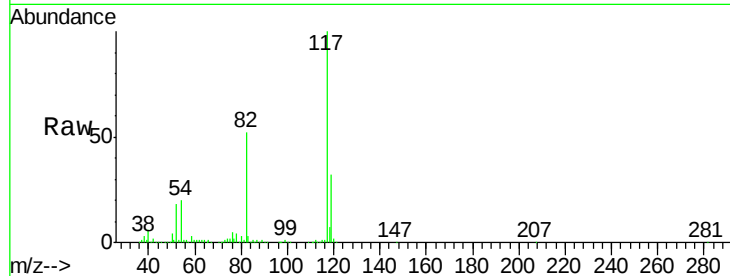
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	63.8
119	31.6	25.4	38.2

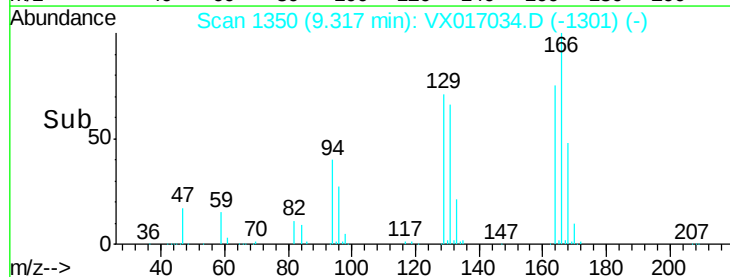
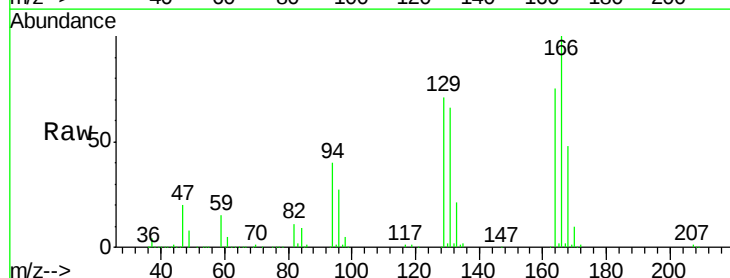
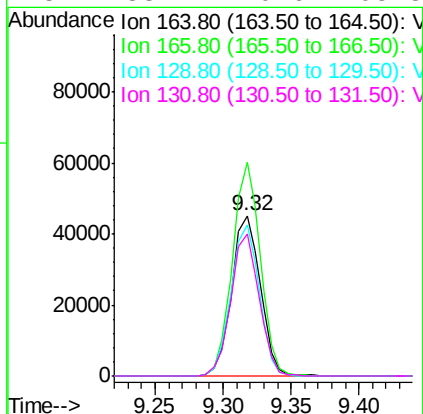
Manual Integrations
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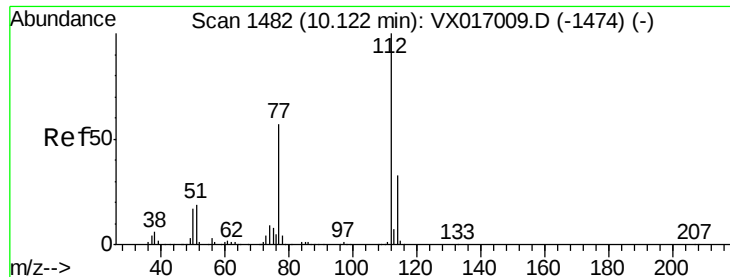
MMDadoda
7/1/2020 10:49:13 AM



#64
Tetrachloroethene
Concen: 19.934 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	99.4	149.0
129	94.1	76.3	114.5
131	88.4	70.6	105.8





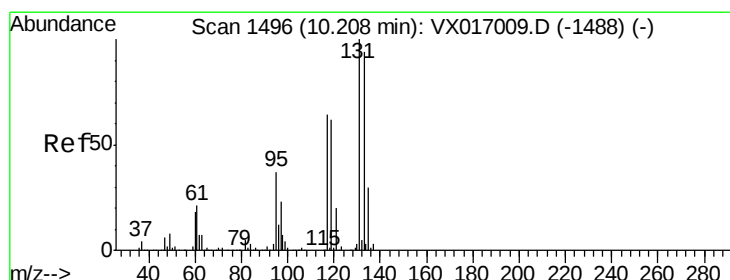
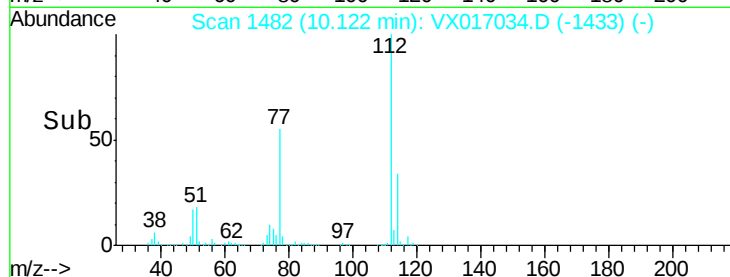
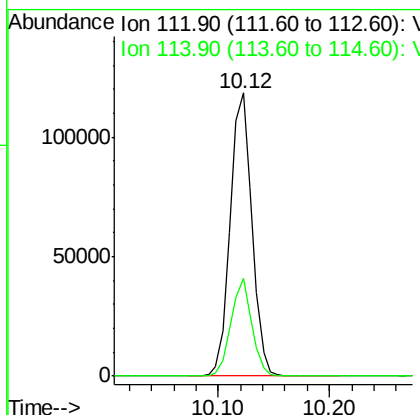
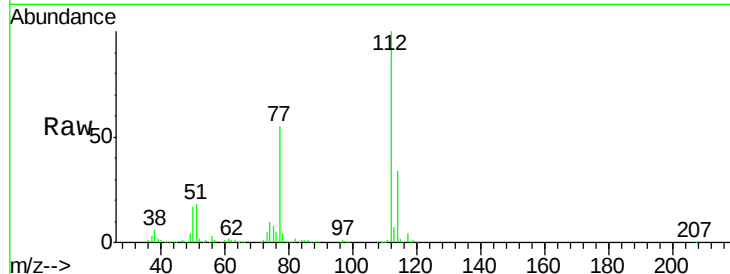
#65
Chlorobenzene
Concen: 18.871 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion:112 Resp: 160169
Ion Ratio Lower Upper
112 100
114 34.4 26.2 39.4

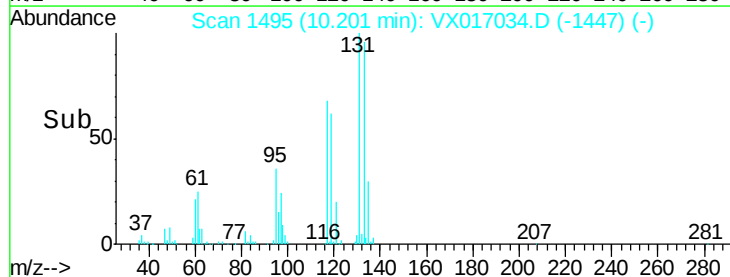
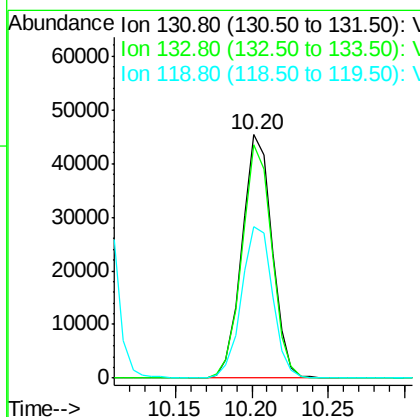
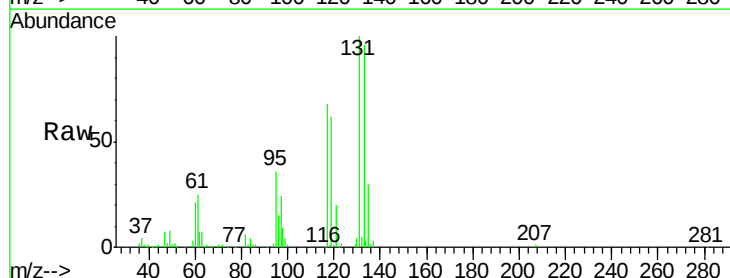
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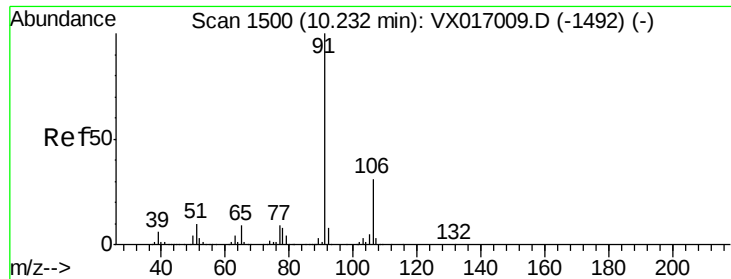
MMDadoda
7/1/2020 10:49:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.933 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion:131 Resp: 61930
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 64.5 31.9 95.5





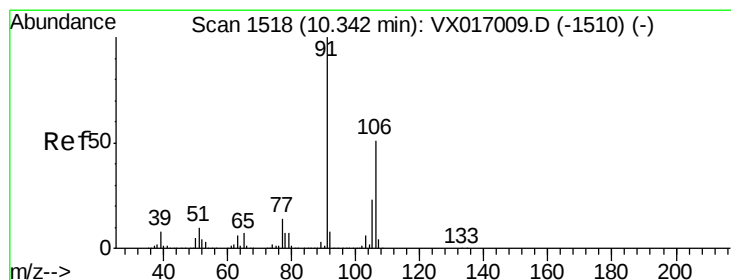
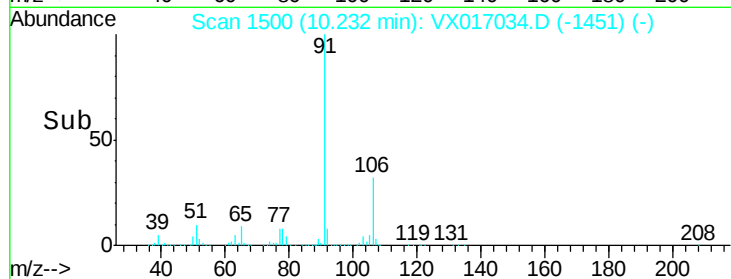
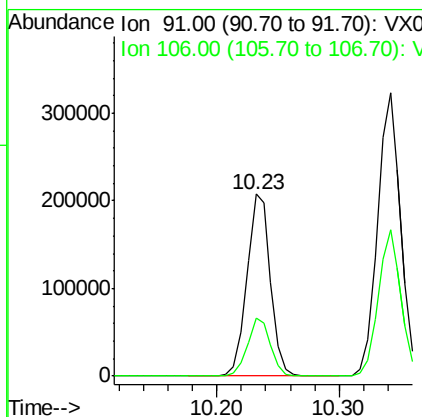
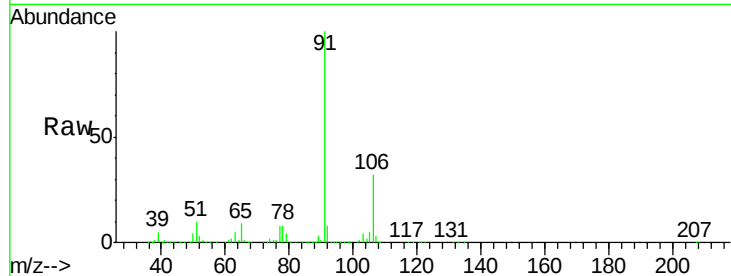
#67
Ethyl Benzene
Concen: 19.448 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion: 91 Resp: 275657
Ion Ratio Lower Upper
91 100
106 31.6 24.7 37.1

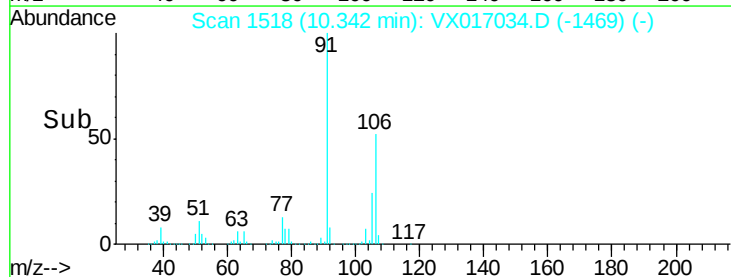
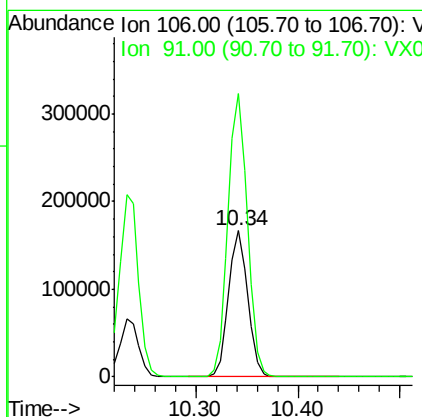
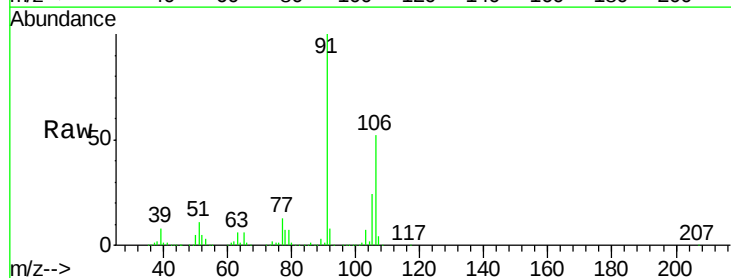
Manual Integrations
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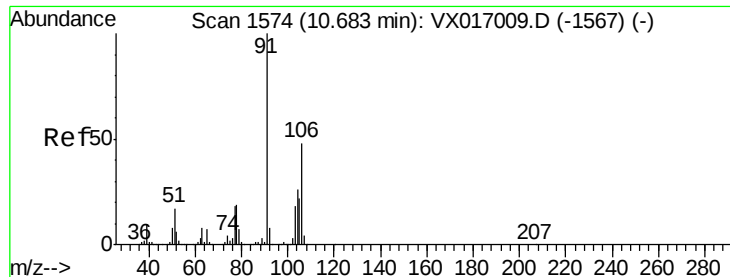
MMDadoda
7/1/2020 10:49:13 AM



#68
m/p-Xylenes
Concen: 39.708 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion: 106 Resp: 216108
Ion Ratio Lower Upper
106 100
91 196.6 158.6 238.0





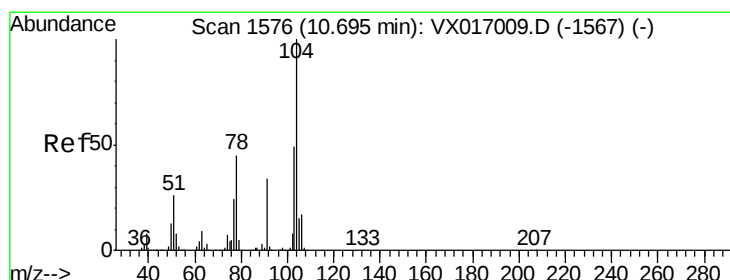
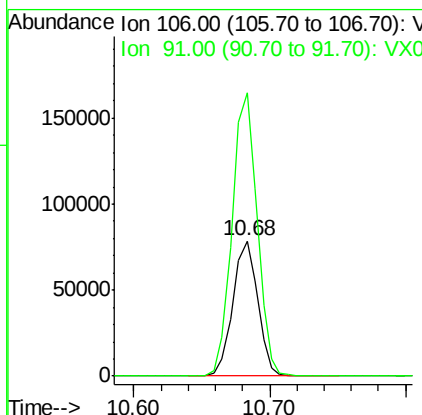
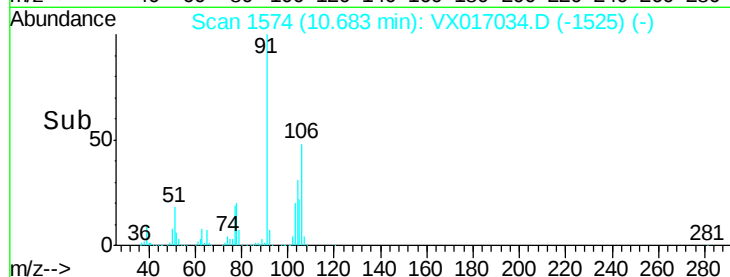
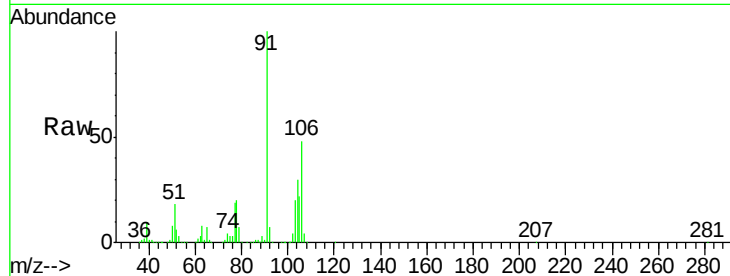
#69
o-Xylene
Concen: 19.307 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion:106 Resp: 99963
Ion Ratio Lower Upper
106 100
91 211.3 105.6 316.7

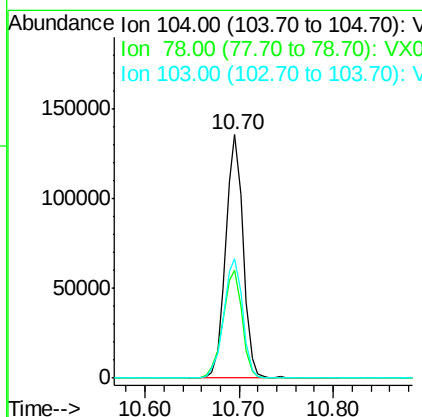
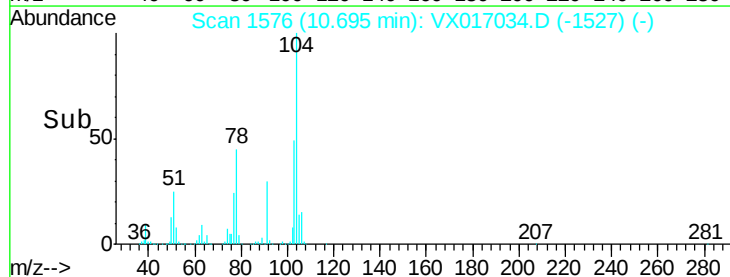
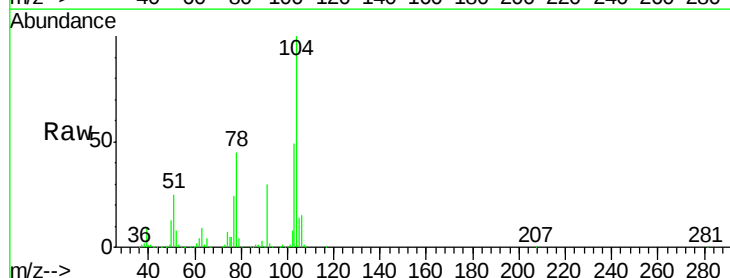
Manual Integrations
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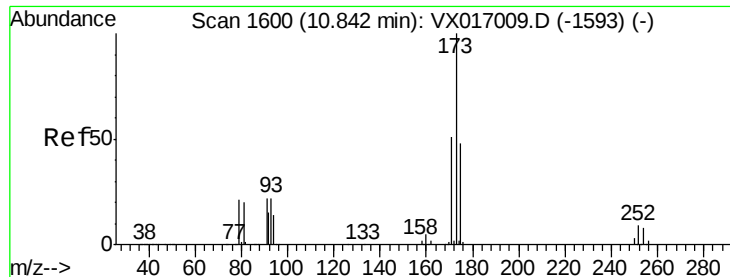
MMDadoda
7/1/2020 10:49:13 AM



#70
Styrene
Concen: 19.770 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion:104 Resp: 174300
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 53.2 43.0 64.6





#71

Bromoform

Concen: 19.590 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

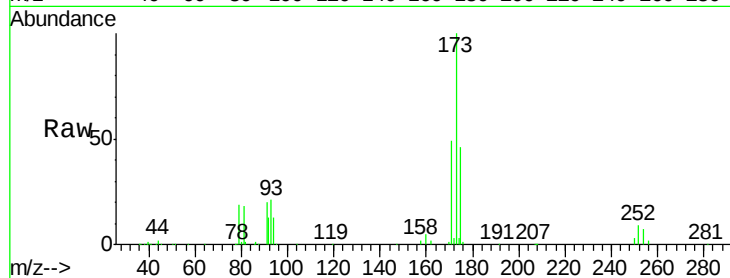
ClientSampled :

VX0630WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.5	73.5
254	0.0	0.1	0.1#

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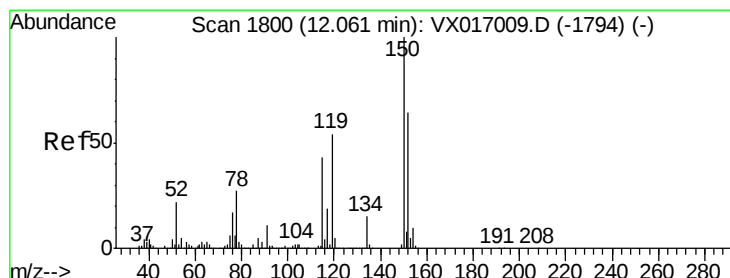
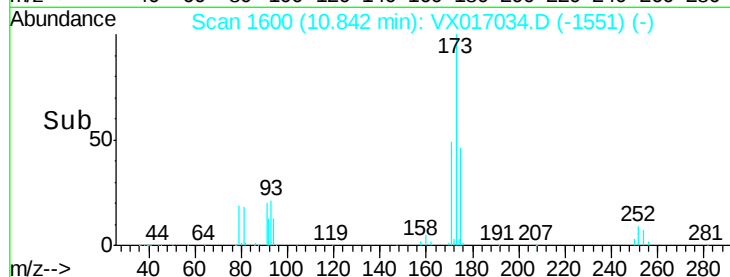
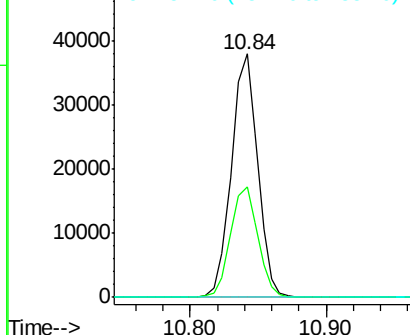


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

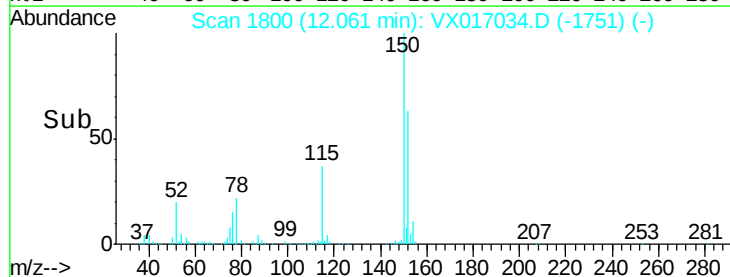
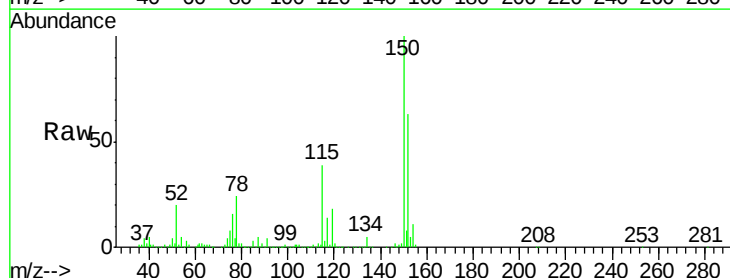
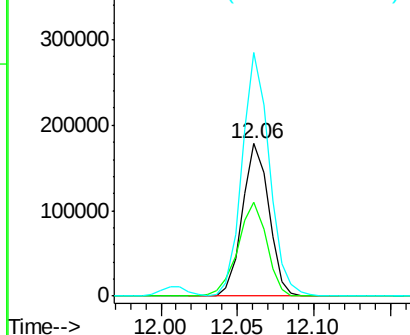
Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.9	40.9	122.7
150	163.7	0.0	351.6

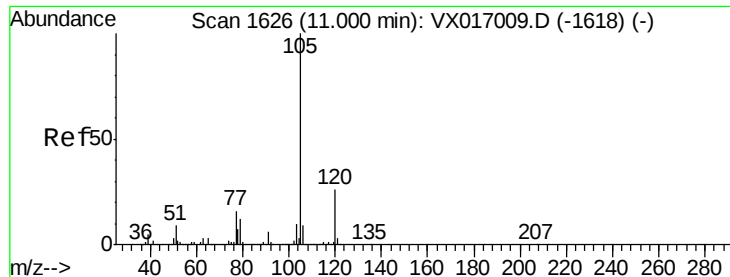
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.341 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion: 105 Resp: 272654

Ion Ratio Lower Upper

105 100

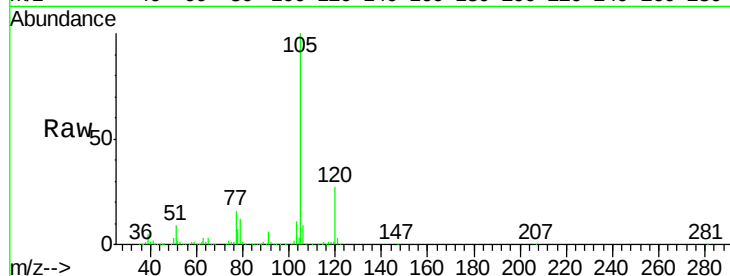
120 27.0 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

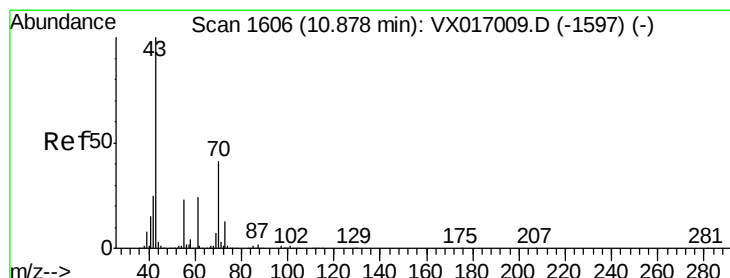
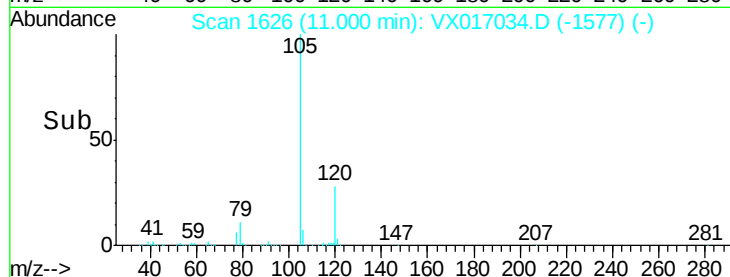
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.737 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion: 43 Resp: 106694

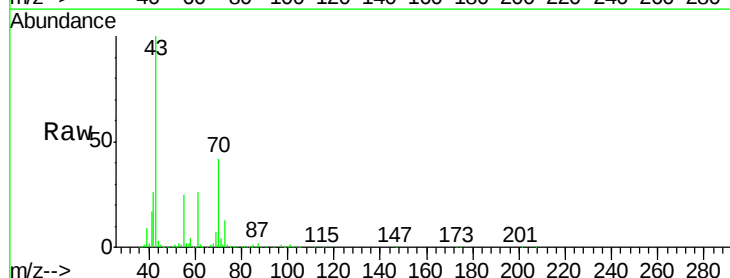
Ion Ratio Lower Upper

43 100

70 43.5 34.2 51.2

55 25.6 19.2 28.8

61 24.8 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

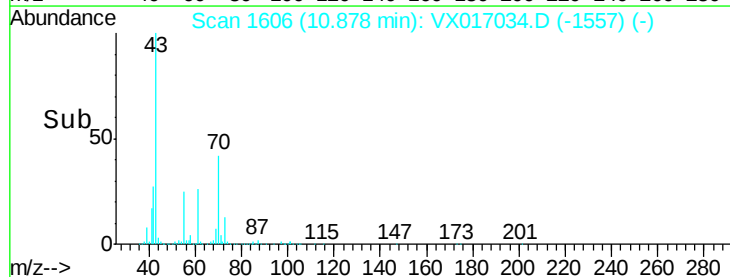
Ion 61.00 (60.70 to 61.70): VX0

100000

50000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 18.533 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

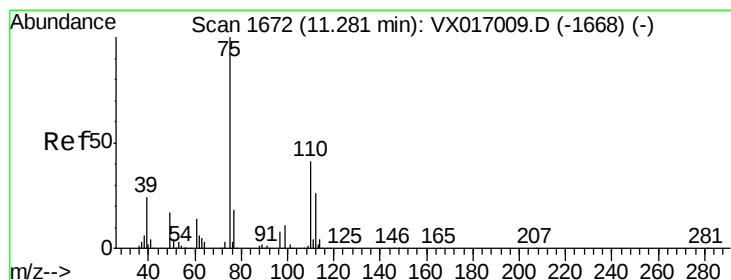
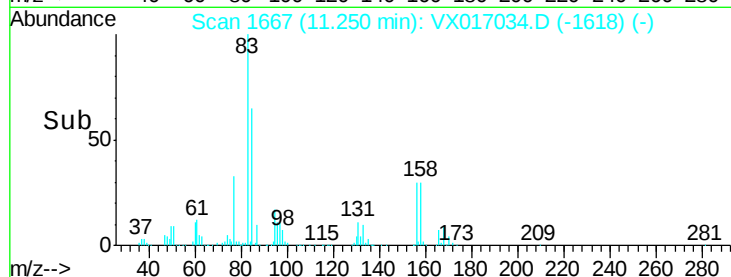
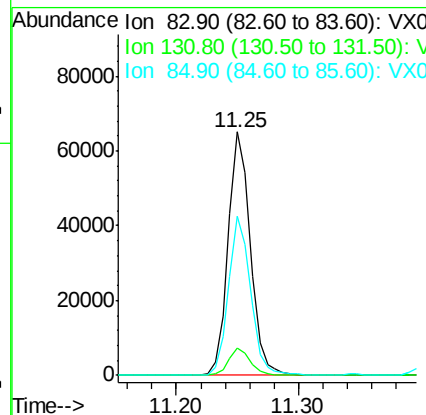
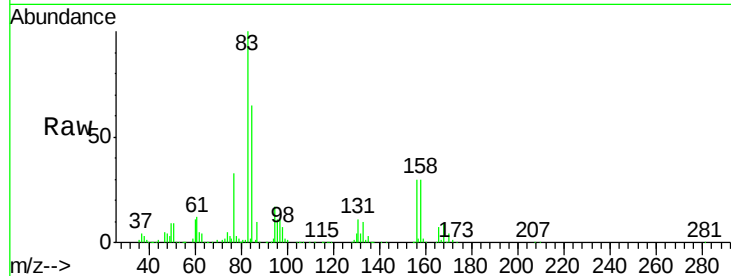
ClientSampleId :

VX0630WBS01

Tot Ion:	83	Resp:	82183
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	65.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.201 ug/l m

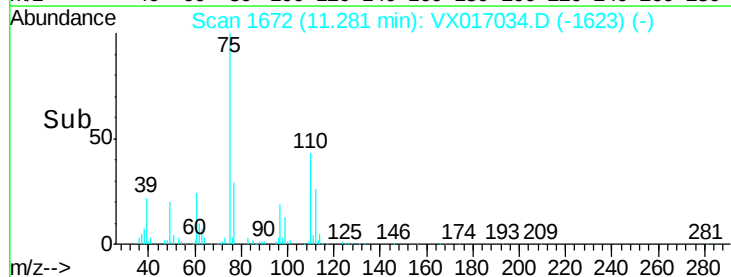
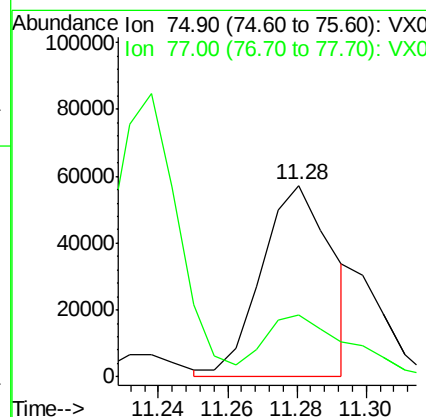
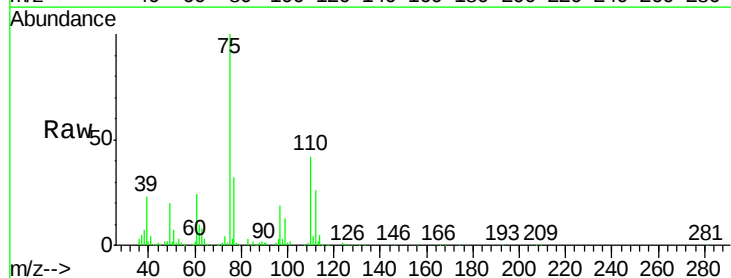
RT: 11.28 min Scan# 1672

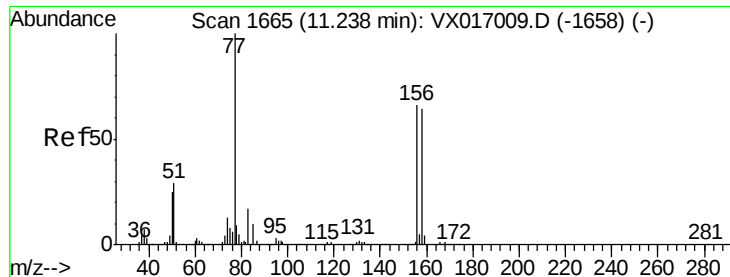
Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion:	75	Resp:	81261
Ion Ratio	Lower	Upper	
75	100		
77	38.8	20.2	60.6





#77

Bromobenzene

Concen: 18.918 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

Tot Ion:156 Resp: 73296

Ion Ratio Lower Upper

156 100

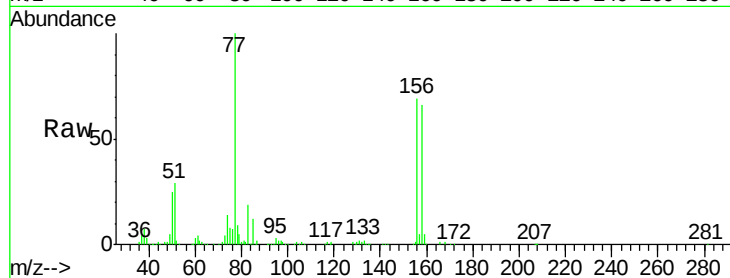
77 151.0 76.9 230.7

158 94.6 47.9 143.6

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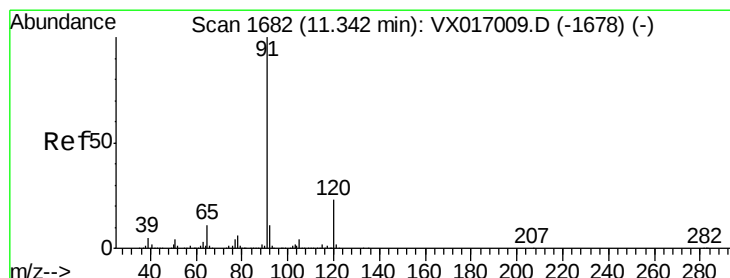
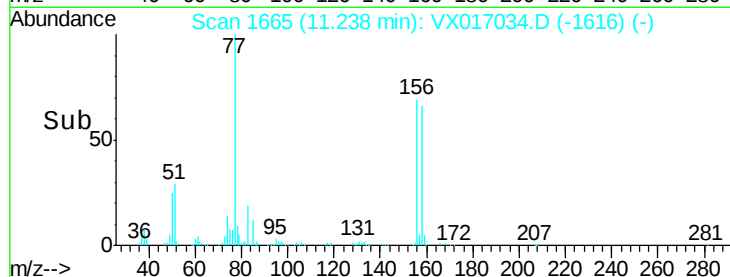
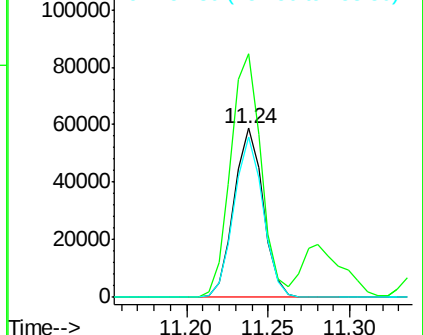
7/1/2020 10:49:13 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.192 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017034.D

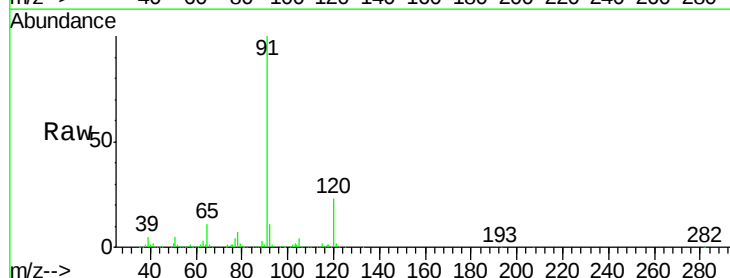
Acq: 30 Jun 2020 11:00

Tgt Ion: 91 Resp: 305959

Ion Ratio Lower Upper

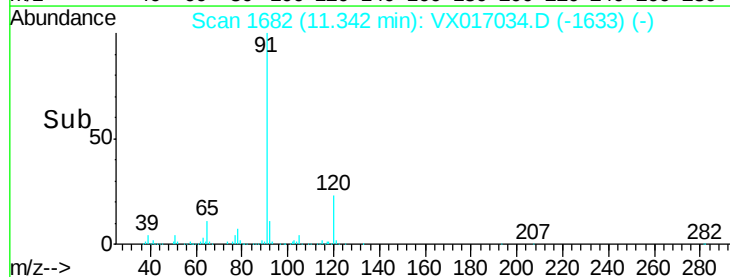
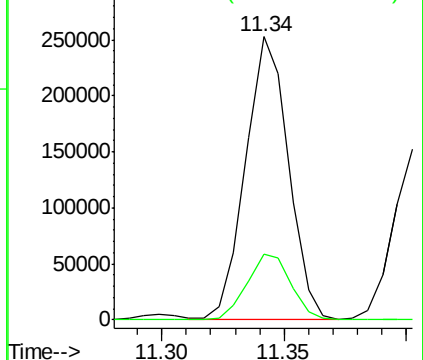
91 100

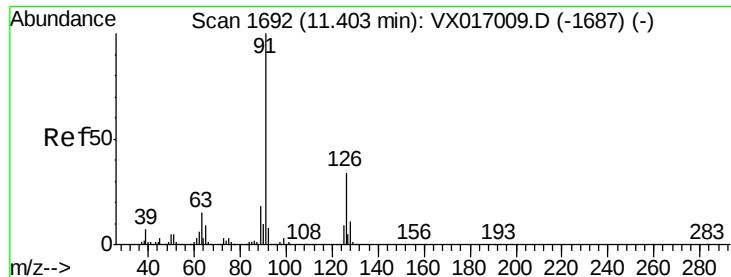
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.472 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 91 Resp: 187863

Ion Ratio Lower Upper

91 100

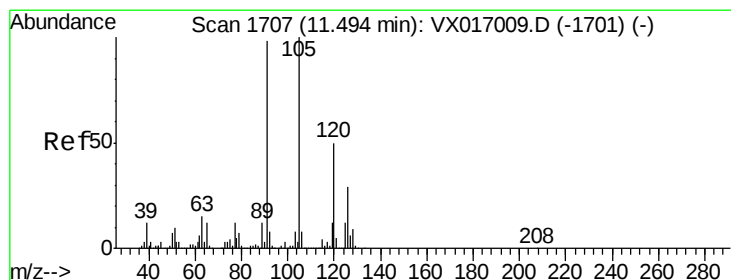
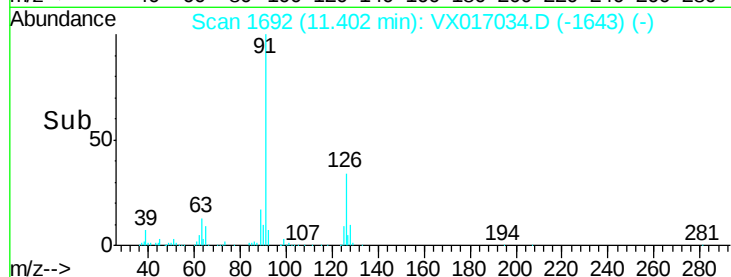
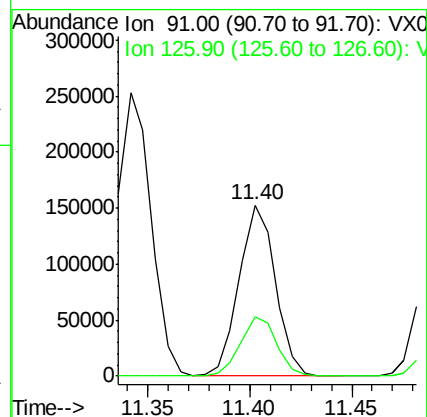
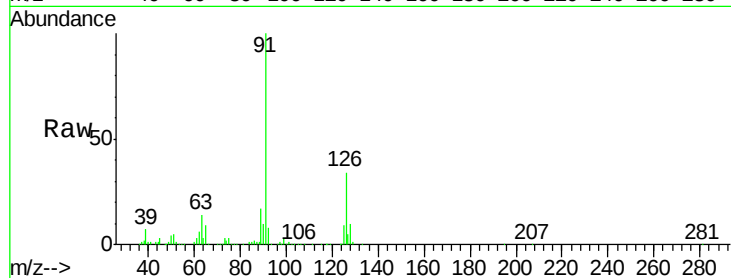
126 34.9 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.503 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017034.D

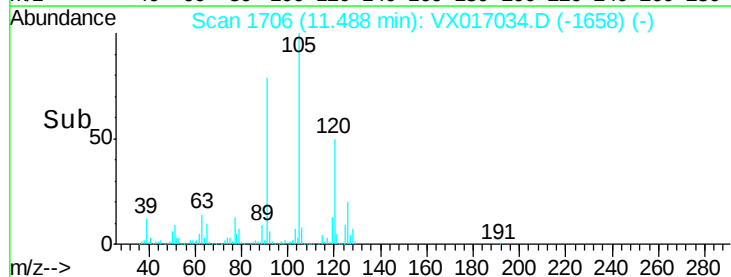
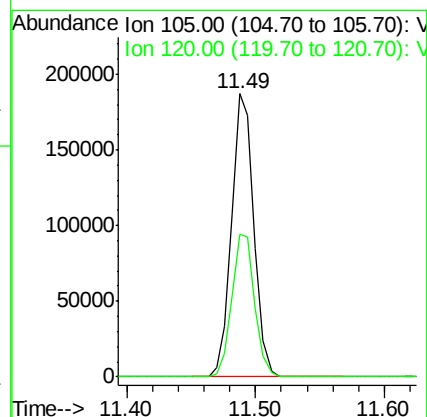
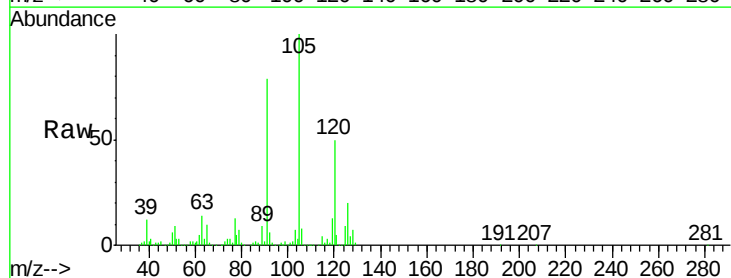
Acq: 30 Jun 2020 11:00

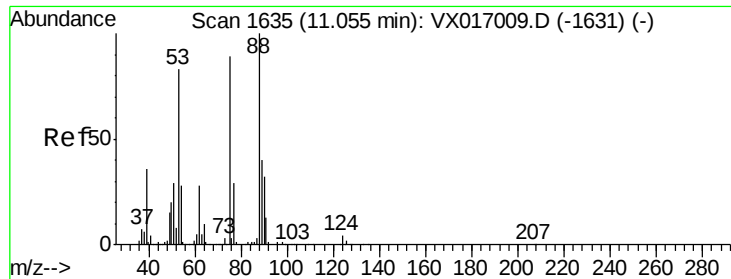
Tgt Ion: 105 Resp: 228053

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.6





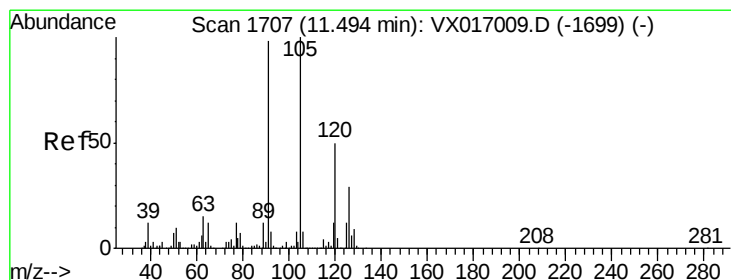
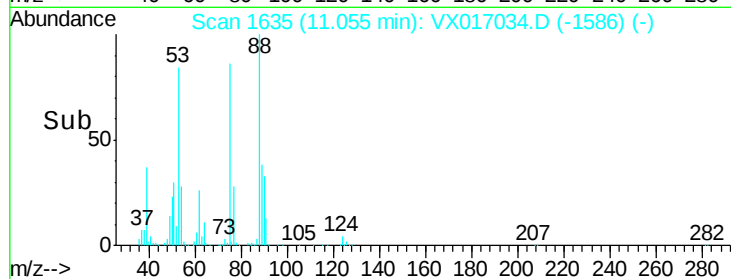
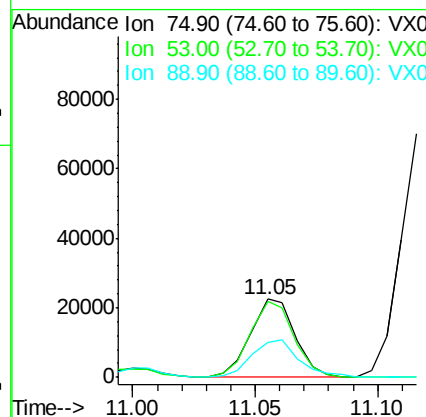
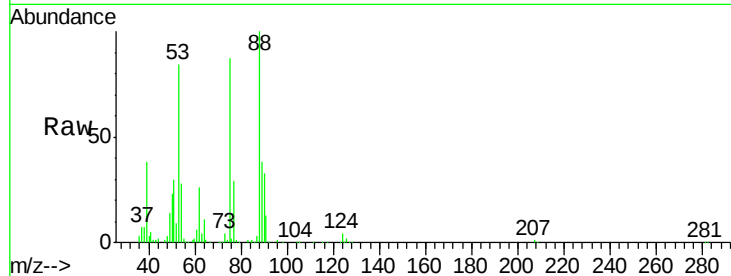
#81
trans-1,4-Dichloro-2-butene
Concen: 17.453 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.1	72.4	108.6
89	51.3	37.0	55.4

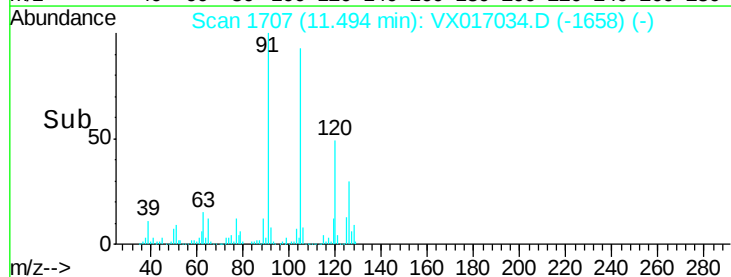
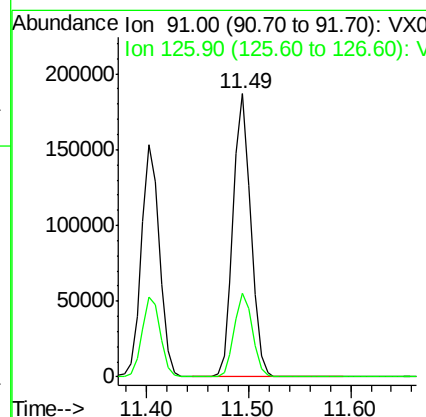
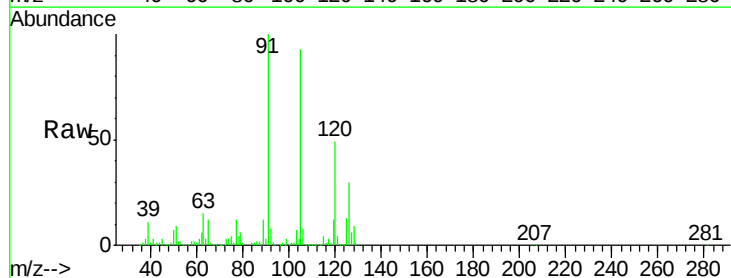
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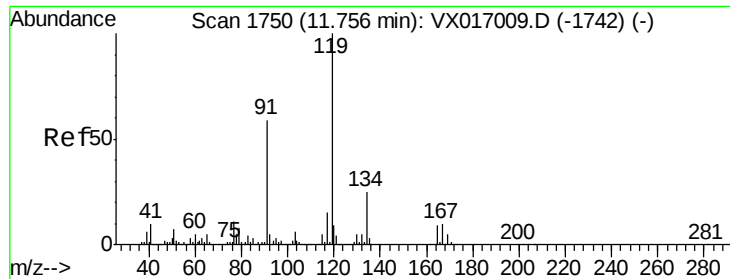
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#82
4-Chlorotoluene
Concen: 19.418 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.5





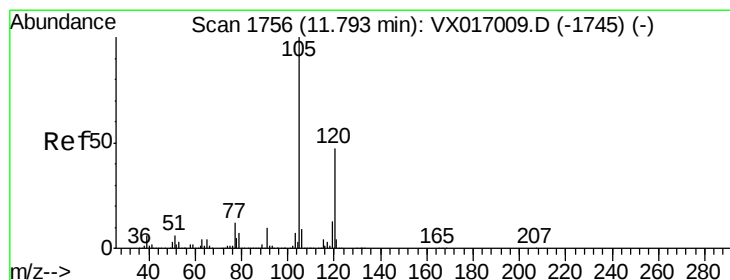
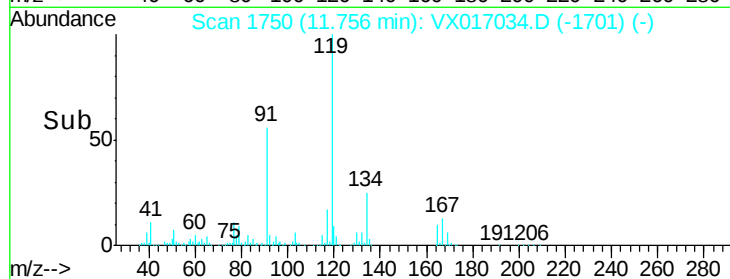
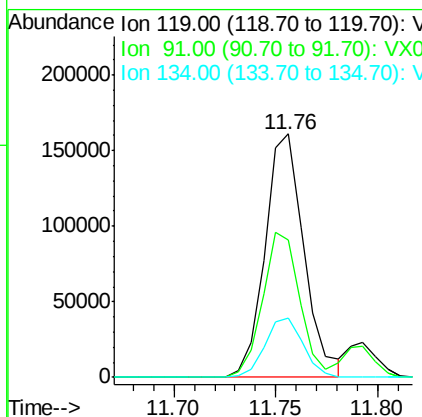
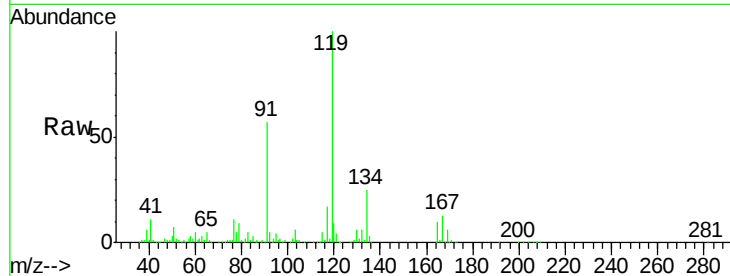
#83
tert-Butylbenzene
Concen: 18.713 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.3	84.9
134	23.8	11.7	35.1

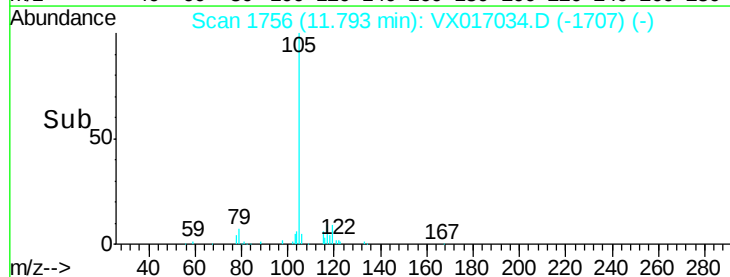
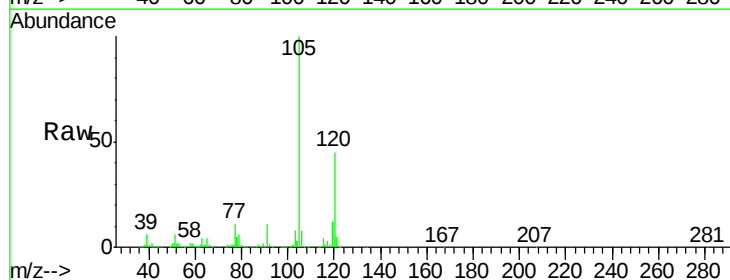
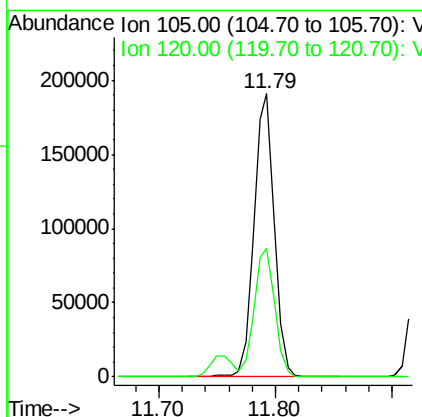
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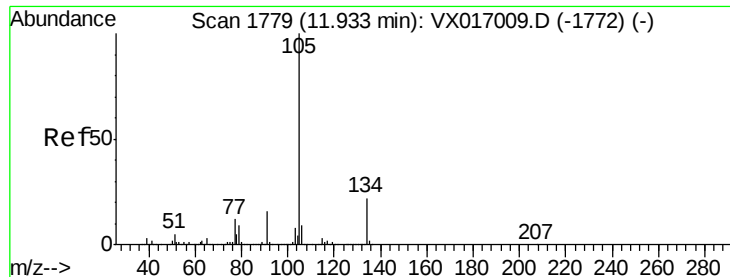
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#84
1,2,4-Trimethylbenzene
Concen: 19.453 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.5





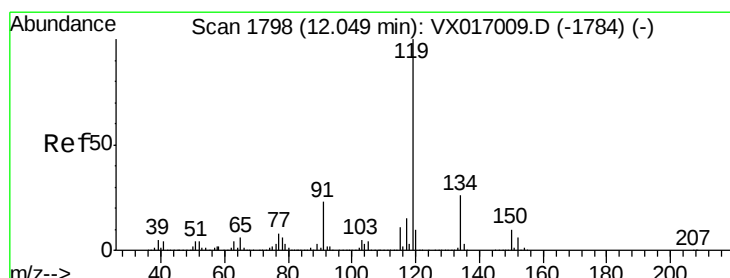
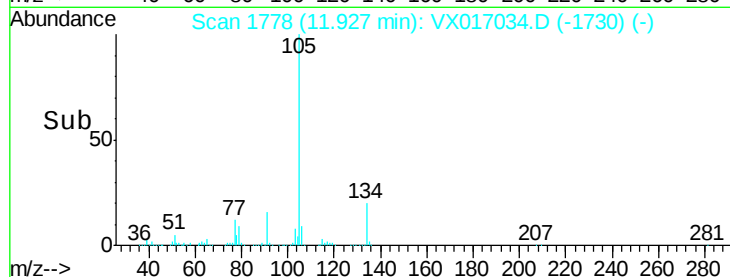
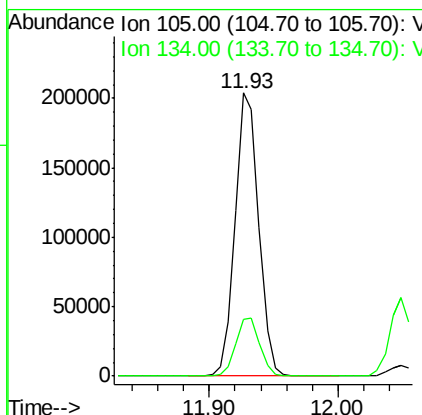
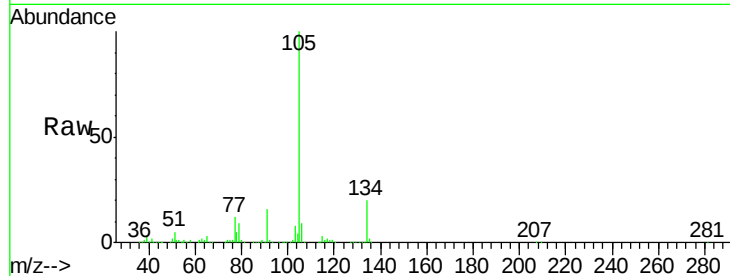
#85
 sec-Butylbenzene
 Concen: 19.266 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.6

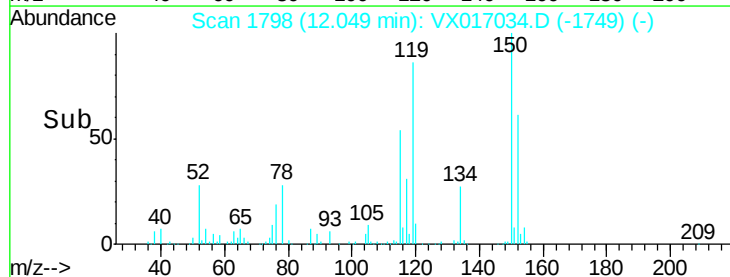
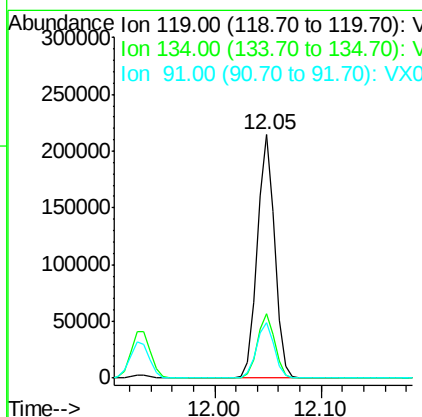
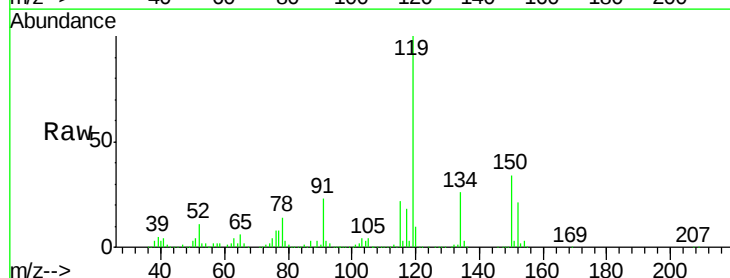
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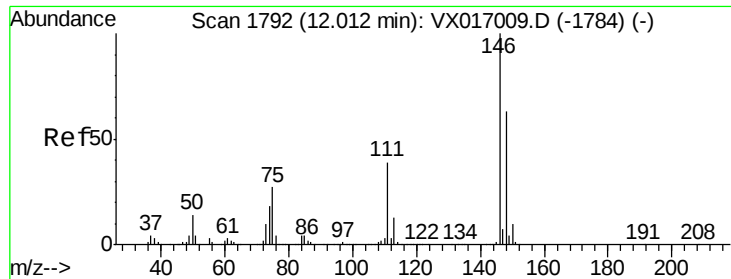
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#86
 p-Isopropyltoluene
 Concen: 19.525 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	23.5	11.8	35.4





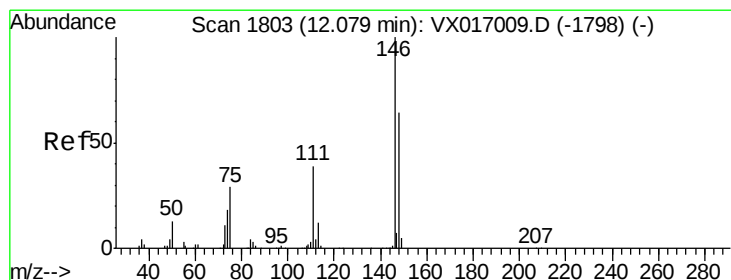
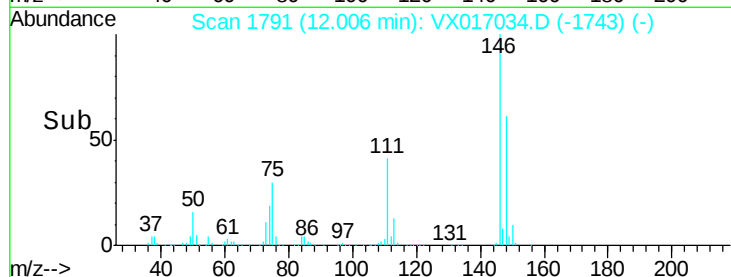
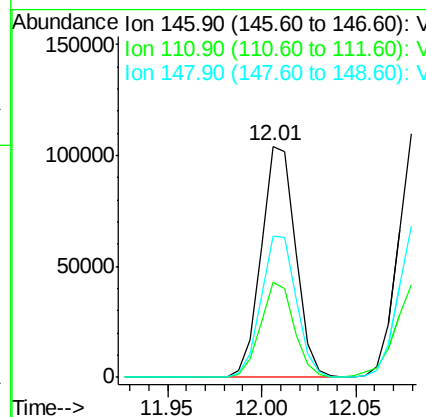
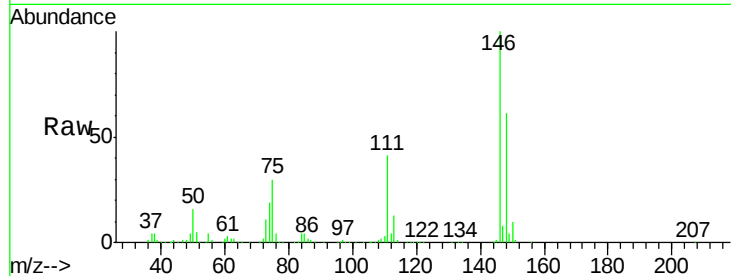
#87
 1,3-Dichlorobenzene
 Concen: 18.731 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampled :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.2
148	62.4	32.5	97.5

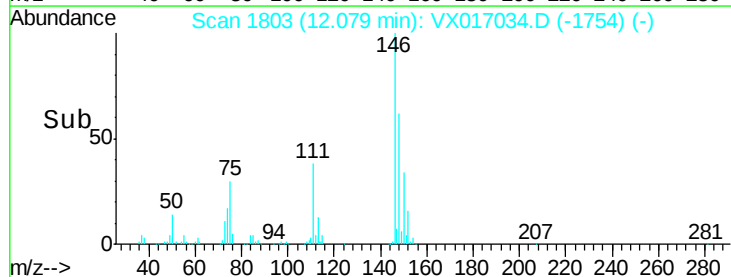
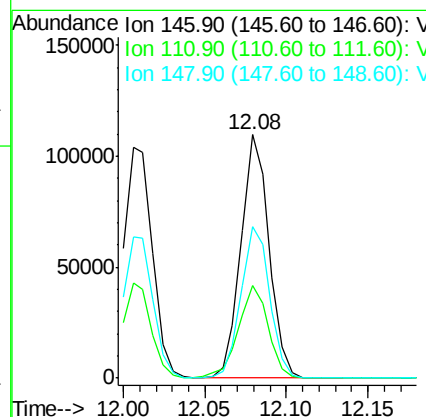
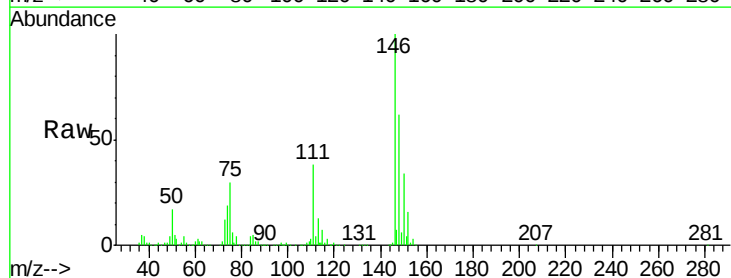
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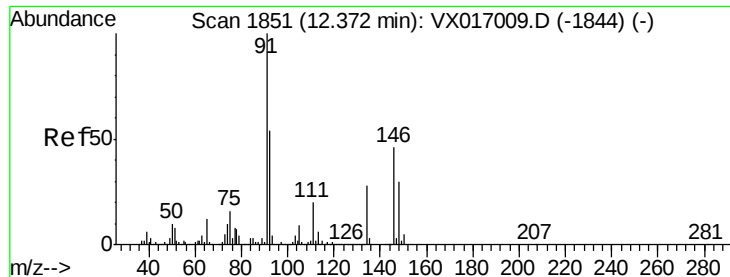
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#88
 1,4-Dichlorobenzene
 Concen: 19.743 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.5	58.5
148	64.2	31.9	95.7





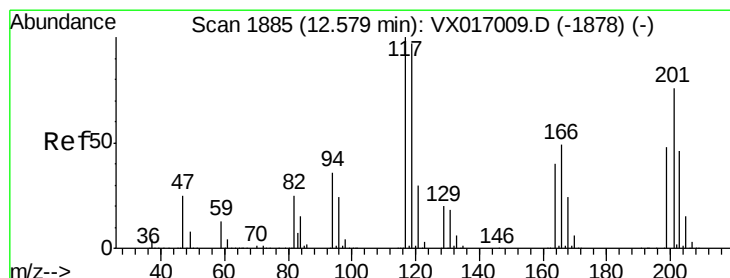
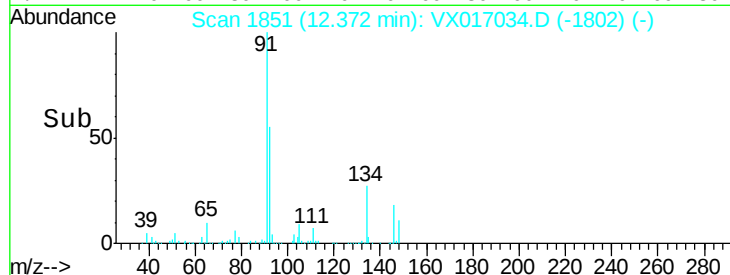
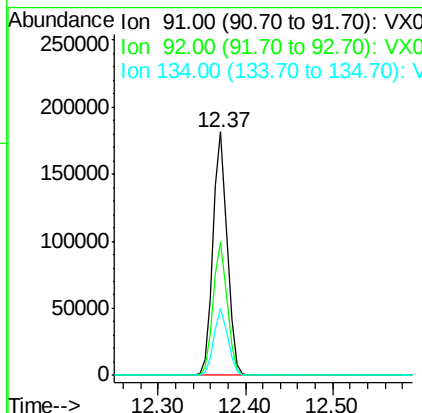
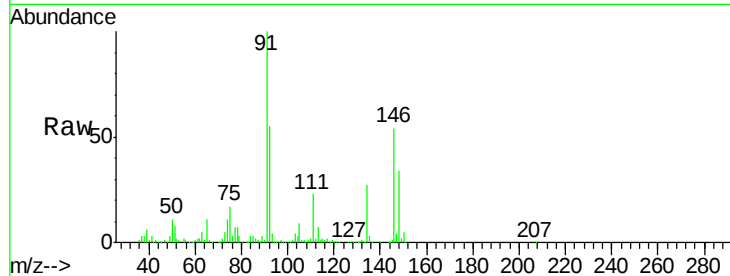
#89
n-Butylbenzene
Concen: 18.451 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	26.9	13.6	40.7

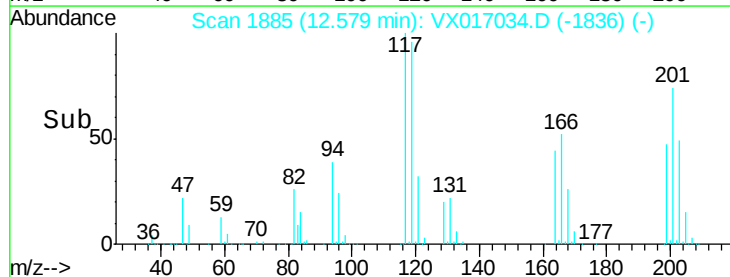
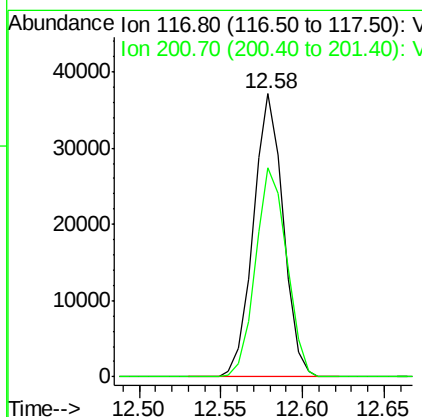
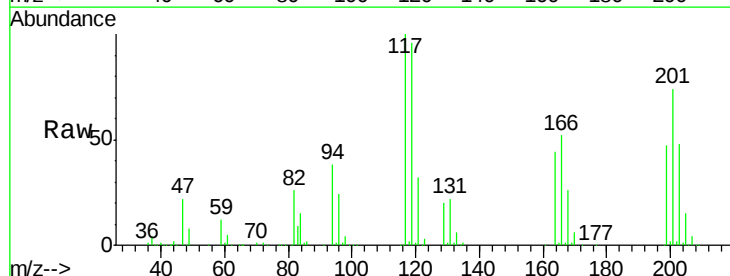
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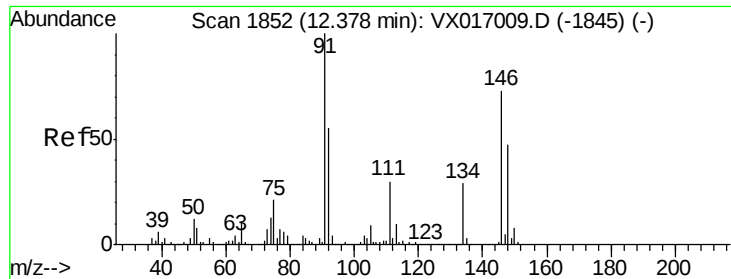
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#90
Hexachloroethane
Concen: 19.075 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	39.4	118.2





#91

1,2-Dichlorobenzene

Concen: 19.116 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Instrument :

MSVOA_X

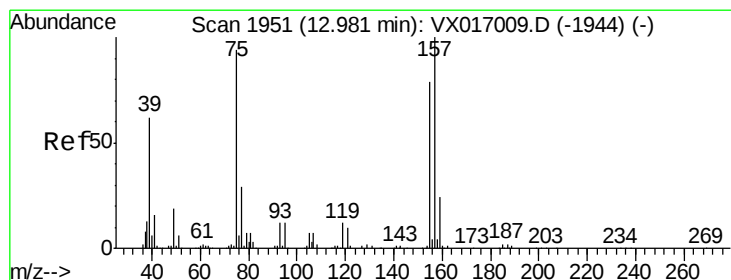
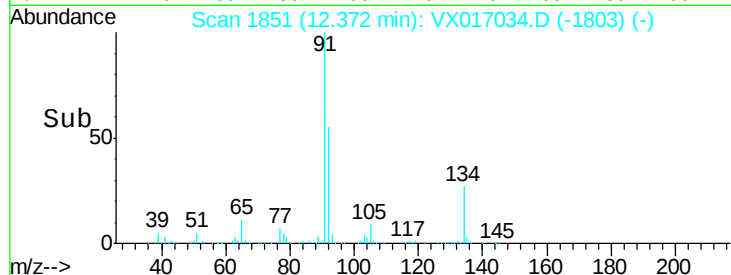
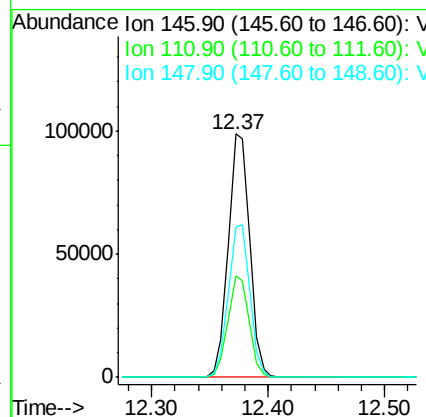
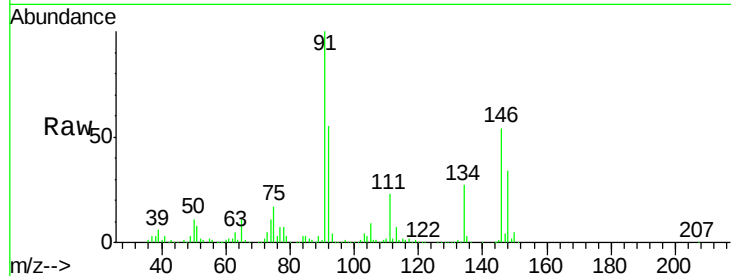
ClientSampleId :

VX0630WBS01

Tot Ion:	146	Resp:	125738
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.6	61.9
148	63.1	32.4	97.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.090 ug/l

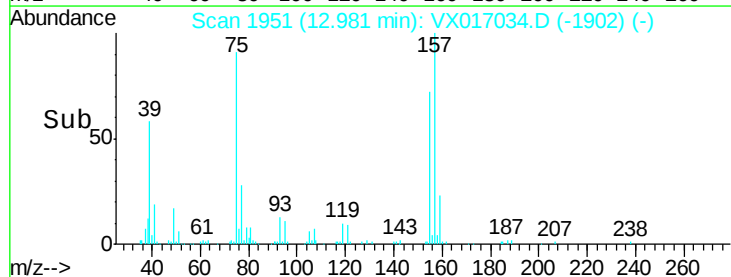
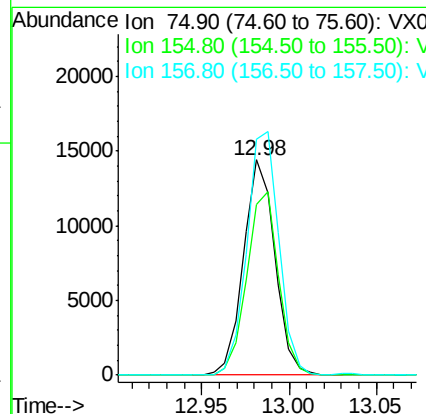
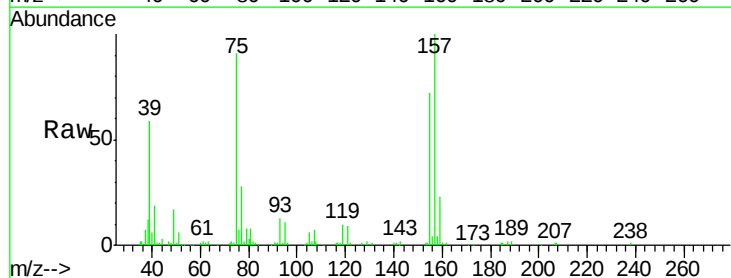
RT: 12.98 min Scan# 1951

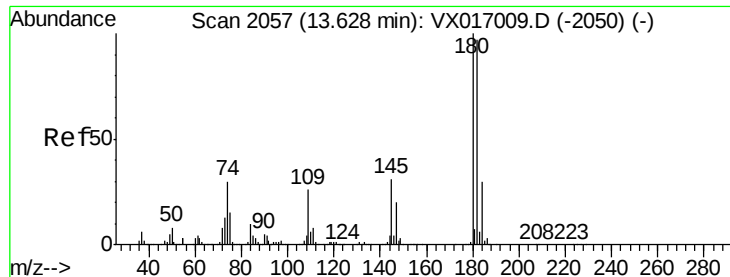
Delta R.T. -0.00 min

Lab File: VX017034.D

Acq: 30 Jun 2020 11:00

Tgt Ion:	75	Resp:	18079
Ion Ratio	Lower	Upper	
75	100		
155	85.5	45.1	135.2
157	115.0	56.5	169.3





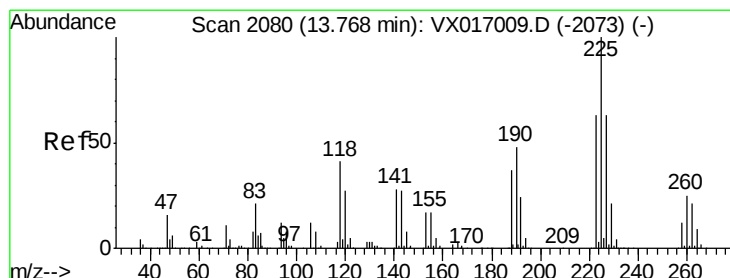
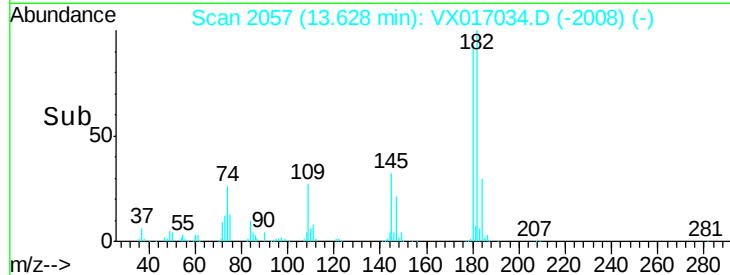
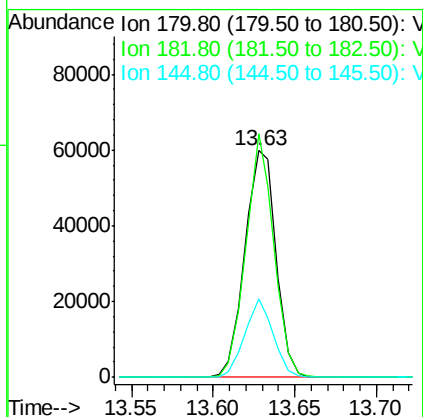
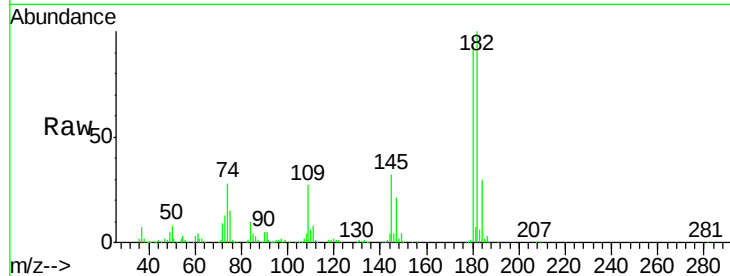
#93
 1,2,4-Trichlorobenzene
 Concen: 17.771 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Instrument :
 MSVOA_X
 ClientSampled :
 VX0630WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.9
145	31.6	15.4	46.2

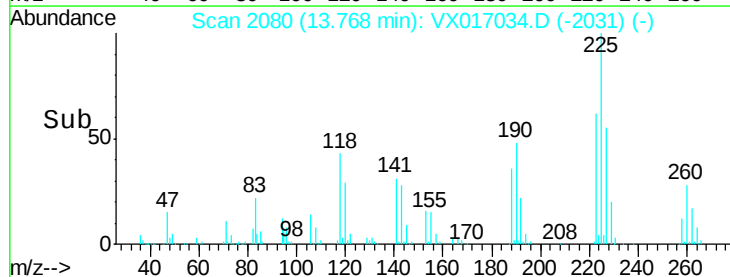
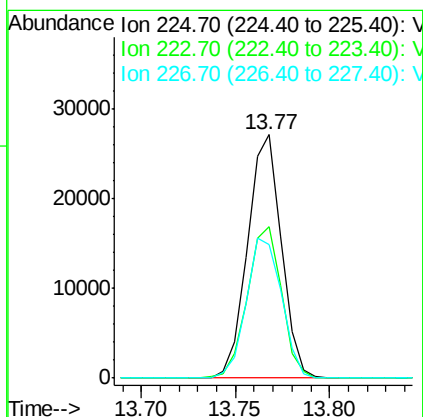
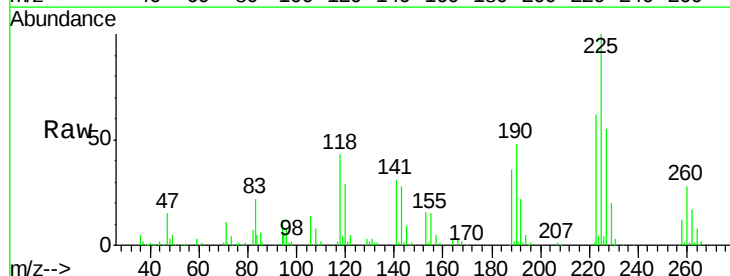
Manual Integrations
 APPROVED

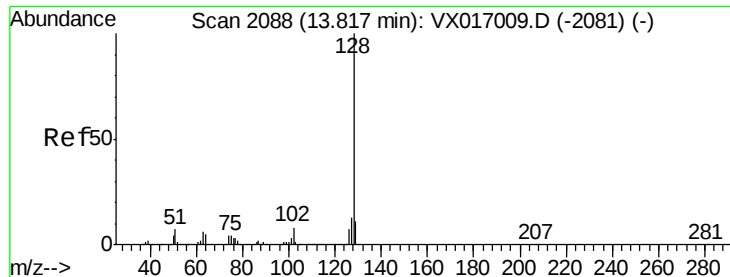
MMDadoda
 7/1/2020 10:49:13 AM



#94
 Hexachlorobutadiene
 Concen: 20.284 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017034.D
 Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.5	97.5
227	60.3	33.1	99.2





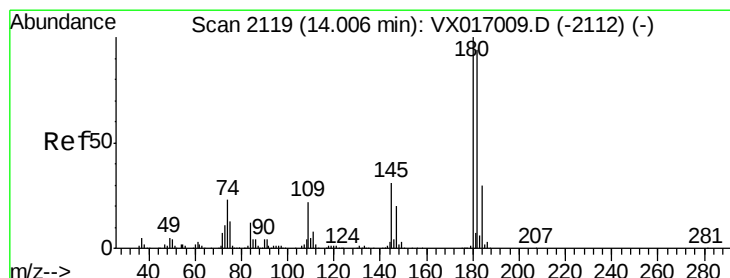
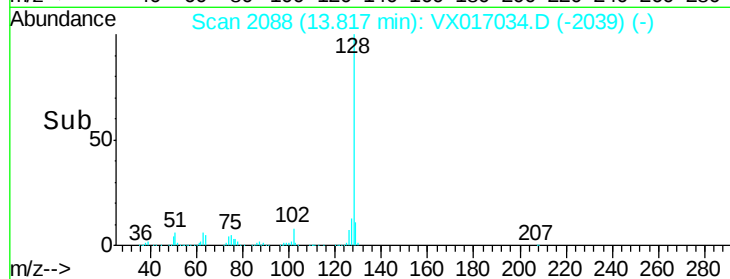
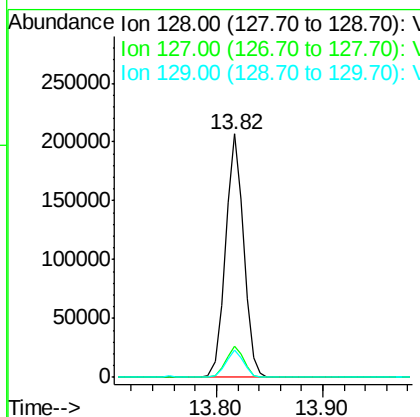
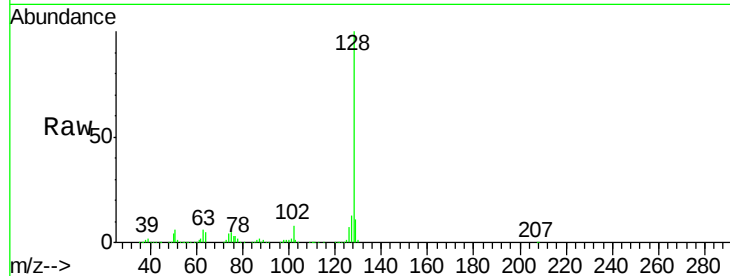
#95
Naphthalene
Concen: 18.062 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.301 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017034.D
Acq: 30 Jun 2020 11:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.1	141.4
145	33.0	16.6	49.7

