

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017194.D
 Acq On : 07 Jul 2020 11:41
 Operator : JC/SP
 Sample : VX0707WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:34 AM

Quant Time: Jul 07 15:31:01 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	296273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	430972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169254	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	5.46	113	135914	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	8.70	98	488506	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	188406	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50596	17.652	ug/l	97
3) Chloromethane	1.31	50	51744	14.914	ug/l	98
4) Vinyl Chloride	1.39	62	51970	16.145	ug/l	97
5) Bromomethane	1.63	94	35850	21.080	ug/l	100
6) Chloroethane	1.72	64	34062	17.916	ug/l	96
7) Trichlorofluoromethane	1.92	101	92156	19.357	ug/l	100
8) Diethyl Ether	2.17	74	31907	20.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49178	17.235	ug/l	96
10) Methyl Iodide	2.49	142	56401	15.319	ug/l	99
11) Tert butyl alcohol	3.01	59	60625	87.007	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46934	16.012	ug/l	96
13) Acrolein	2.27	56	39456	94.727	ug/l	97
14) Allyl chloride	2.70	41	87945	16.235	ug/l	97
15) Acrylonitrile	3.11	53	143148	85.460	ug/l	99
16) Acetone	2.42	43	122002	89.291	ug/l	98
17) Carbon Disulfide	2.55	76	137151	16.783	ug/l	98
18) Methyl Acetate	2.75	43	64430	18.064	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	182085	18.509	ug/l	100
20) Methylene Chloride	2.83	84	59129	18.374	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	55726	17.131	ug/l	97
22) Diisopropyl ether	3.82	45	181918	18.144	ug/l	95
23) Vinyl Acetate	3.78	43	768086	89.151	ug/l	99
24) 1,1-Dichloroethane	3.67	63	100131	17.552	ug/l	99
25) 2-Butanone	4.63	43	192399	84.508	ug/l	99
26) 2,2-Dichloropropane	4.55	77	94855	18.726	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	63875	17.330	ug/l	99
28) Bromochloromethane	4.98	49	44730	16.113	ug/l	96
29) Tetrahydrofuran	5.09	42	122730	81.588	ug/l	96
30) Chloroform	5.17	83	109034	18.645	ug/l	100
31) Cyclohexane	5.54	56	82898	16.811	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	97972	18.191	ug/l	98
36) 1,1-Dichloropropene	5.77	75	75528	18.543	ug/l	99
37) Ethyl Acetate	4.79	43	77309	18.707	ug/l	99
38) Carbon Tetrachloride	5.75	117	89690	19.992	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
 7/8/2020 9:31:34 AM

Quant Time: Jul 07 15:31:01 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	82986	18.311	ug/l	98
40) Benzene	6.11	78	223854	18.705	ug/l	98
41) Methacrylonitrile	5.00	41	43880	18.865	ug/l	98
42) 1,2-Dichloroethane	6.16	62	87468	20.234	ug/l	99
43) Isopropyl Acetate	6.41	43	123850	18.035	ug/l	99
44) Trichloroethene	7.18	130	66979	20.096	ug/l	98
45) 1,2-Dichloropropane	7.49	63	58744	19.111	ug/l	100
46) Dibromomethane	7.63	93	42518	20.260	ug/l	96
47) Bromodichloromethane	7.87	83	87256	20.176	ug/l	98
48) Methyl methacrylate	7.74	41	60247	18.466	ug/l	95
49) 1,4-Dioxane	7.71	88	26840	363.122	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	384226	93.859	ug/l	100
52) Toluene	8.76	92	145610	19.487	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	94313	19.765	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	100412	19.630	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60033	19.665	ug/l	99
56) Ethyl methacrylate	9.16	69	85185	19.604	ug/l	98
57) 1,3-Dichloropropane	9.35	76	101553	19.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	205882	95.203	ug/l	98
59) 2-Hexanone	9.47	43	284346	95.108	ug/l	99
60) Dibromochloromethane	9.56	129	73312	20.676	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66099	20.143	ug/l	99
64) Tetrachloroethene	9.32	164	67403	20.649	ug/l	97
65) Chlorobenzene	10.12	112	159623	19.122	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	66354	20.626	ug/l	99
67) Ethyl Benzene	10.23	91	270908	19.433	ug/l	99
68) m/p-Xylenes	10.34	106	212492	39.698	ug/l	98
69) o-Xylene	10.68	106	97354	19.119	ug/l	98
70) Styrene	10.70	104	174688	20.146	ug/l	100
71) Bromoform	10.84	173	53392	20.929	ug/l #	99
73) Isopropylbenzene	11.00	105	269613	18.501	ug/l	100
74) N-amyl acetate	10.88	43	106146	17.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	84679	18.472	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	82504m	18.858	ug/l	
77) Bromobenzene	11.24	156	76096	18.999	ug/l	96
78) n-propylbenzene	11.34	91	308108	18.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	186313	18.680	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	232326	19.219	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	29773	17.623	ug/l	96
82) 4-Chlorotoluene	11.49	91	226144	18.967	ug/l	99
83) tert-Butylbenzene	11.76	119	222808	18.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	237481	19.365	ug/l	100
85) sec-Butylbenzene	11.93	105	259450	18.601	ug/l	100
86) p-Isopropyltoluene	12.05	119	247707	19.076	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135021	18.561	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140406	20.354	ug/l	99
89) n-Butylbenzene	12.37	91	203194	17.525	ug/l	99
90) Hexachloroethane	12.58	117	48184	18.817	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	130915	19.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19150	17.512	ug/l	99

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MMDadoda
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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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84911	18.296	ug/l	99
94) Hexachlorobutadiene	13.76	225	34213	19.940	ug/l	95
95) Naphthalene	13.82	128	257070	18.220	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	84675	18.852	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion:168 Resp: 296273

Ion Ratio Lower Upper

168 100

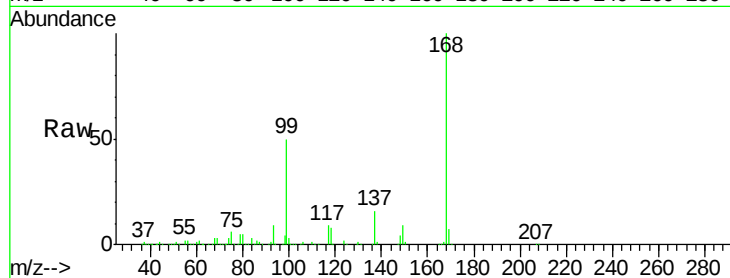
99 50.3 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

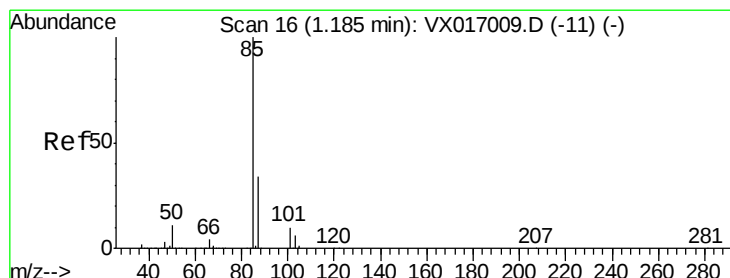
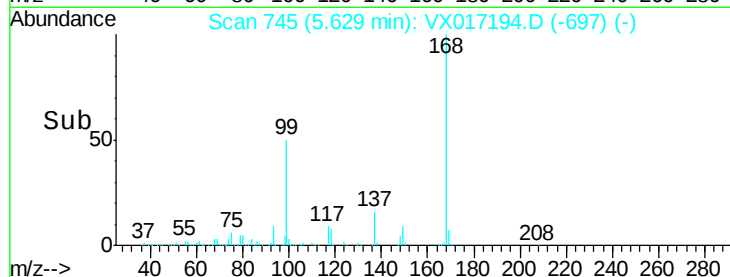
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.652 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017194.D

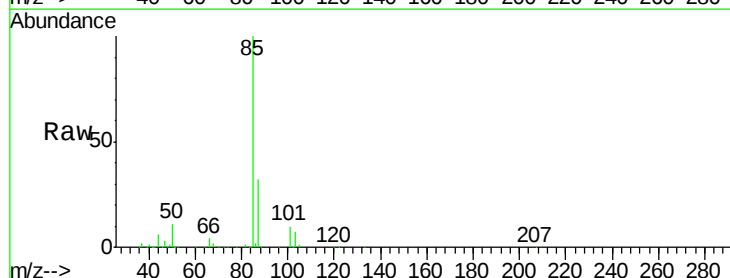
Acq: 07 Jul 2020 11:41

Tgt Ion: 85 Resp: 50596

Ion Ratio Lower Upper

85 100

87 32.1 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

60000

50000

40000

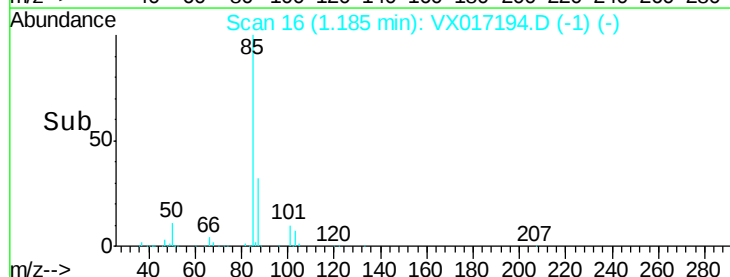
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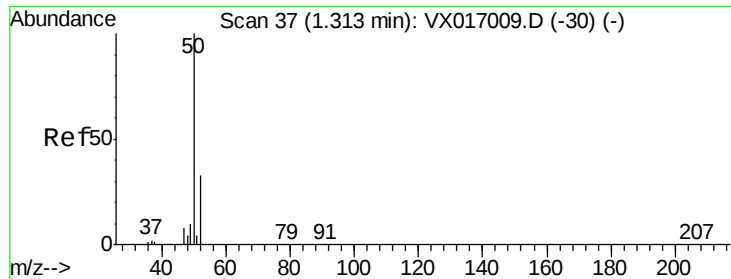
20000

10000

0

Time-->





#3

Chloromethane

Concen: 14.914 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion: 50 Resp: 51744

Ion Ratio Lower Upper

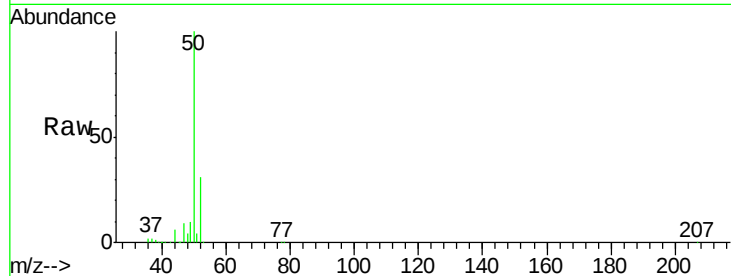
50 100

52 31.2 26.1 39.1

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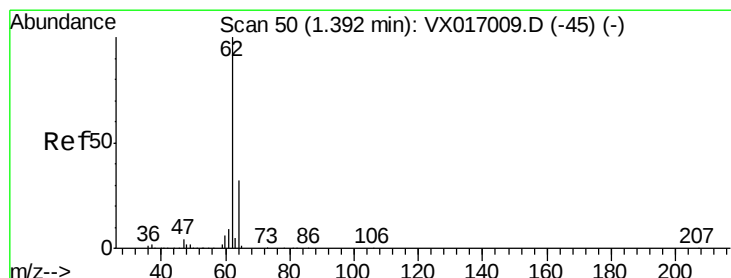
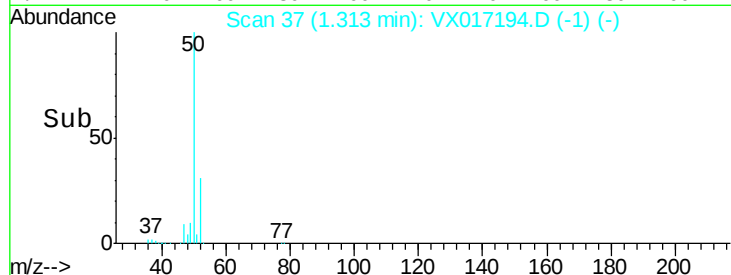
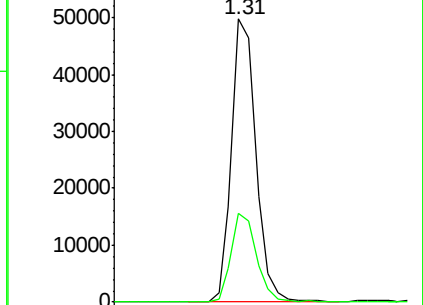
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.145 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017194.D

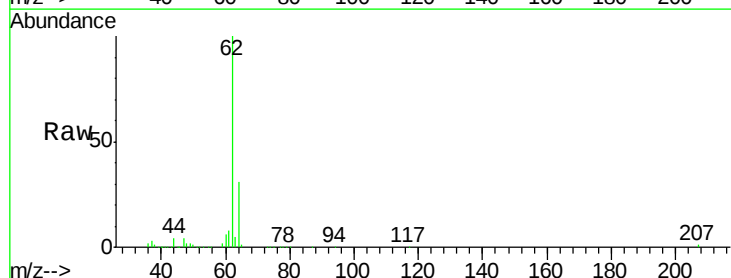
Acq: 07 Jul 2020 11:41

Tgt Ion: 62 Resp: 51970

Ion Ratio Lower Upper

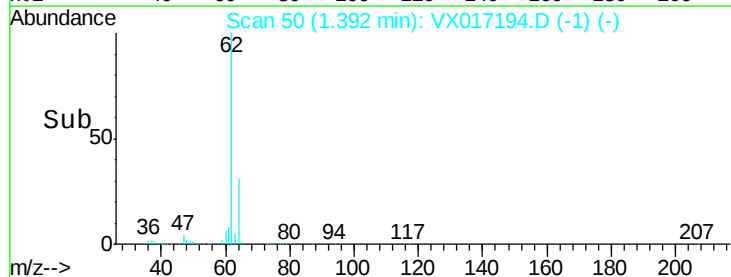
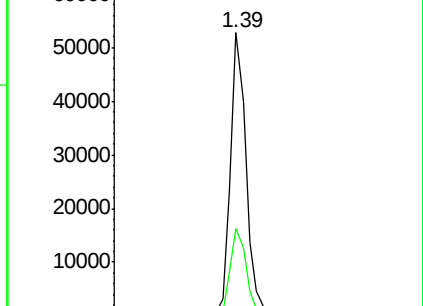
62 100

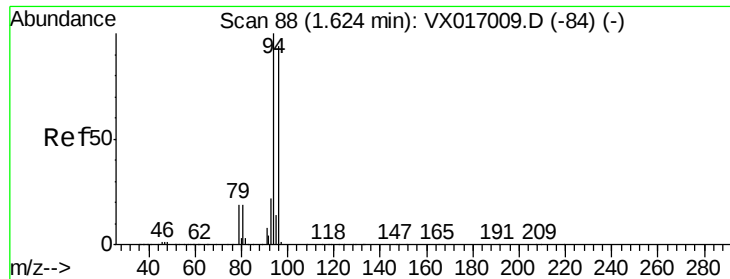
64 30.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.080 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion: 94 Resp: 35850

Ion Ratio Lower Upper

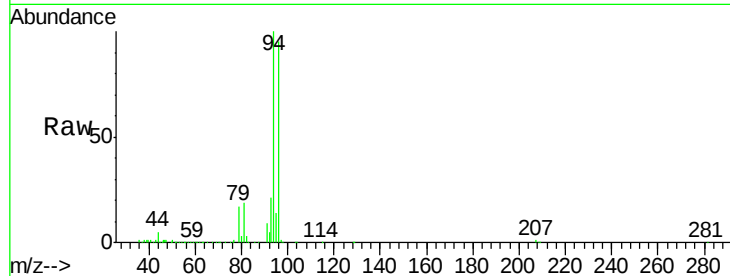
94 100

96 94.2 75.0 112.4

Manual Integrations
APPROVED

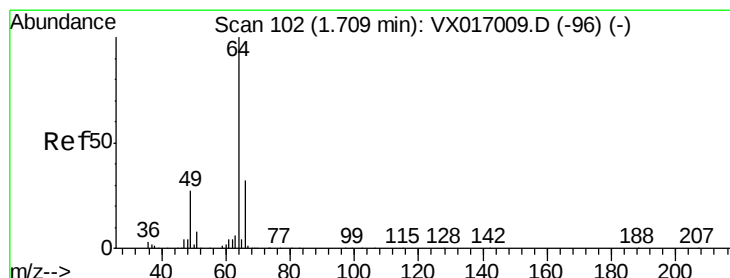
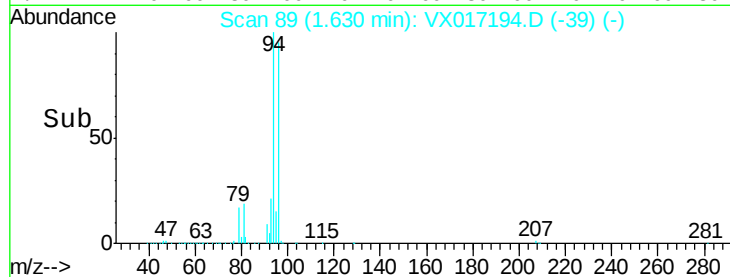
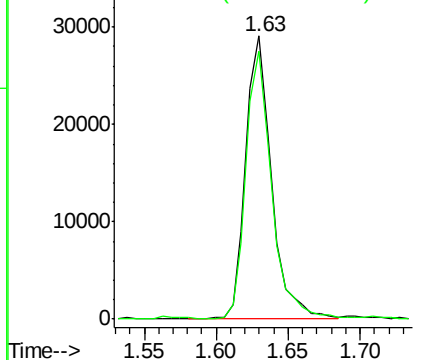
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.916 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017194.D

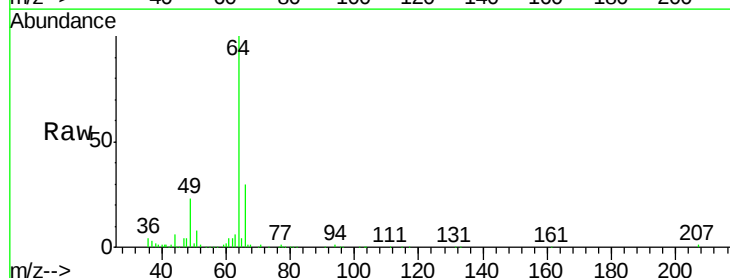
Acq: 07 Jul 2020 11:41

Tgt Ion: 64 Resp: 34062

Ion Ratio Lower Upper

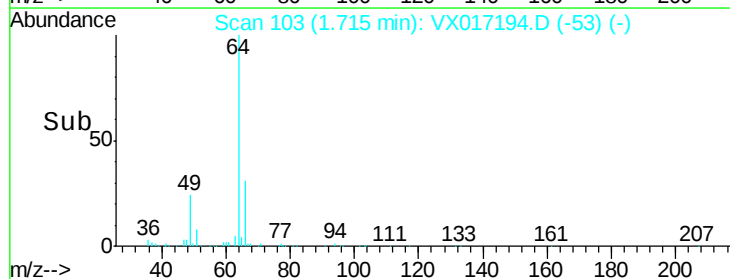
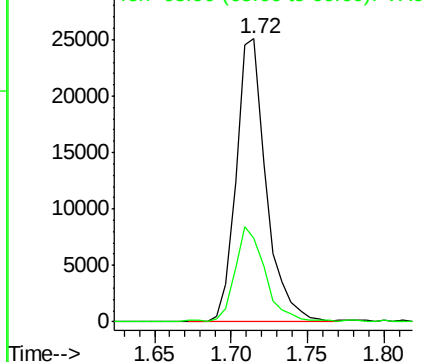
64 100

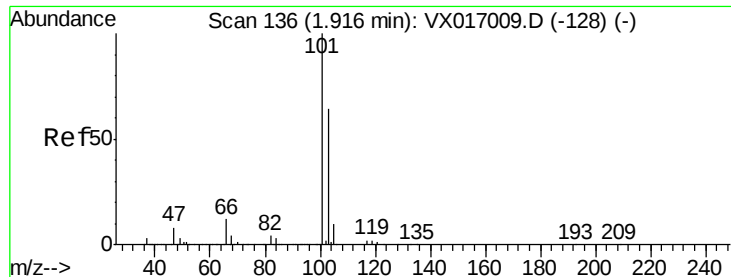
66 29.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

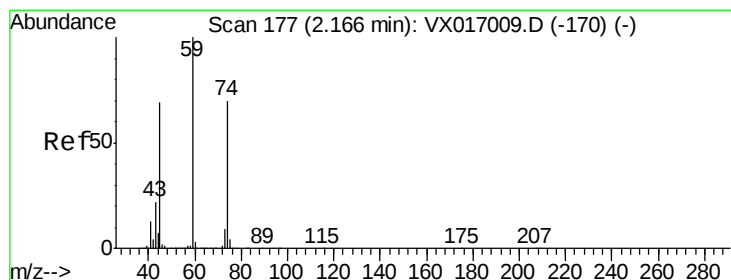
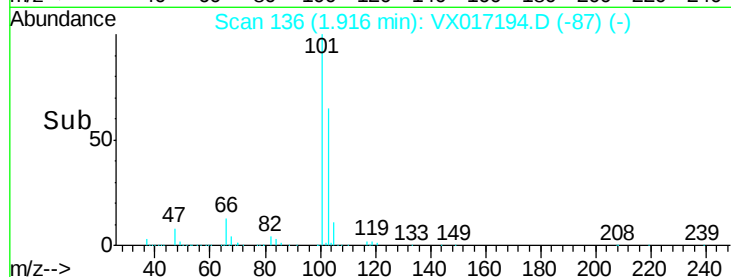
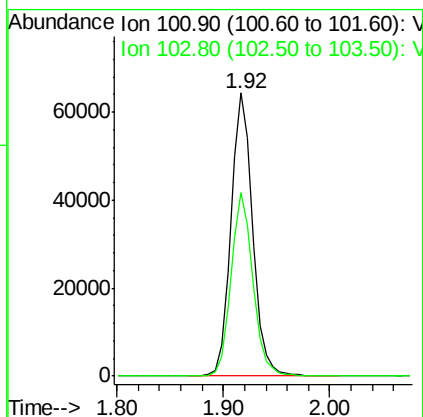
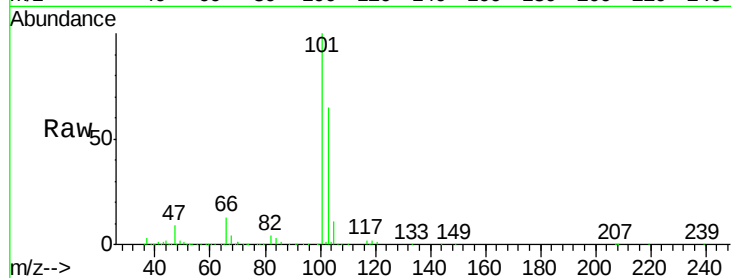
Trichlorofluoromethane
 Concen: 19.357 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
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 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.5	77.3

Manual Integrations
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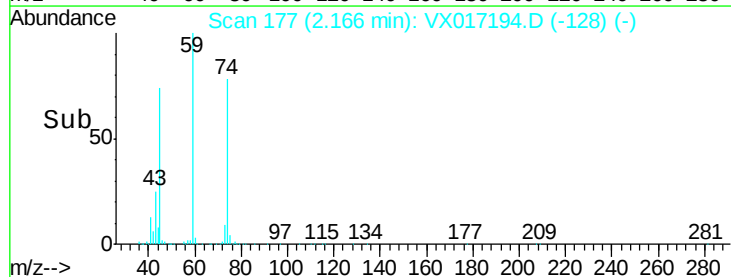
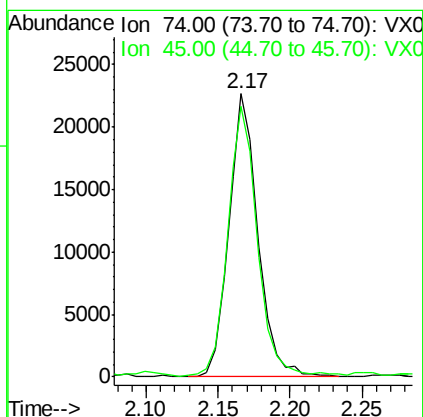
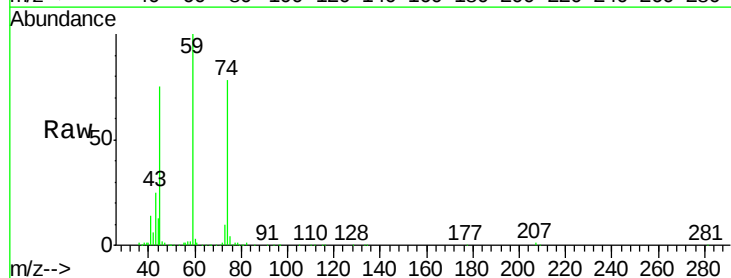
MMDadoda
 7/8/2020 9:31:34 AM

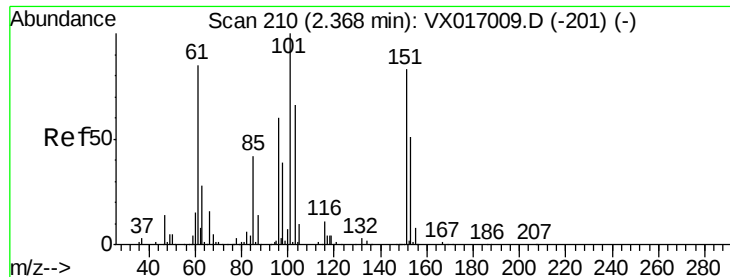


#8

Diethyl Ether
 Concen: 20.139 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.235 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

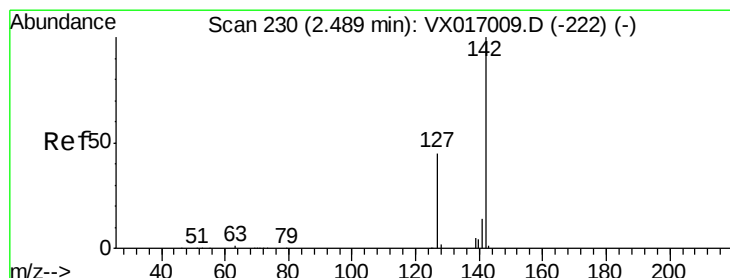
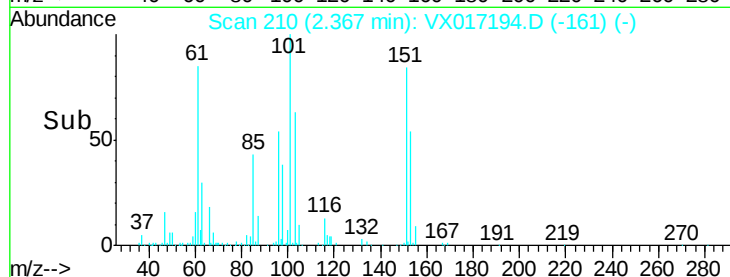
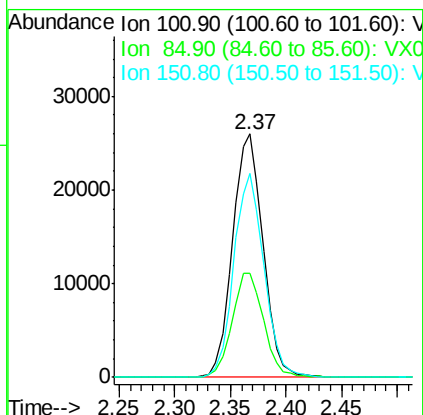
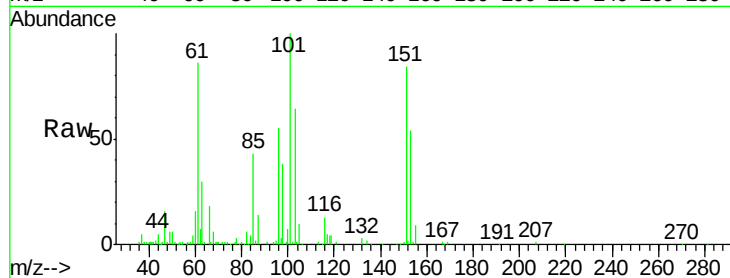
ClientSampleId :

VX0707WBSD01

Tot Ion:	101	Resp:	49178
Ion Ratio	Lower	Upper	
101	100		
85	44.4	33.5	50.3
151	83.1	63.8	95.6

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#10

Methyl Iodide

Concen: 15.319 ug/l

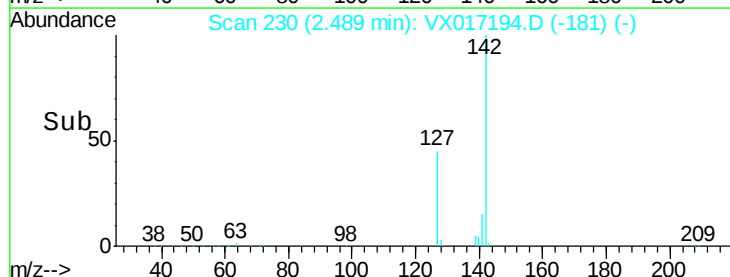
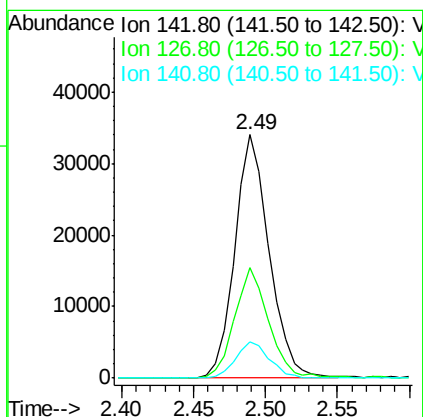
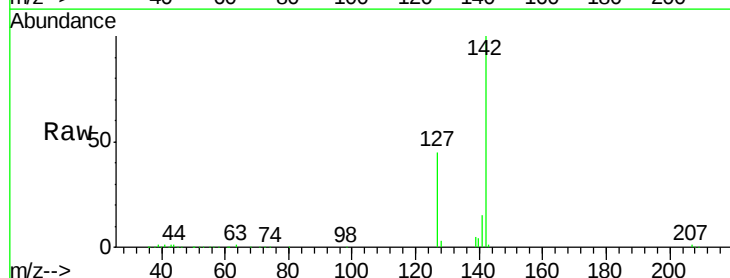
RT: 2.49 min Scan# 230

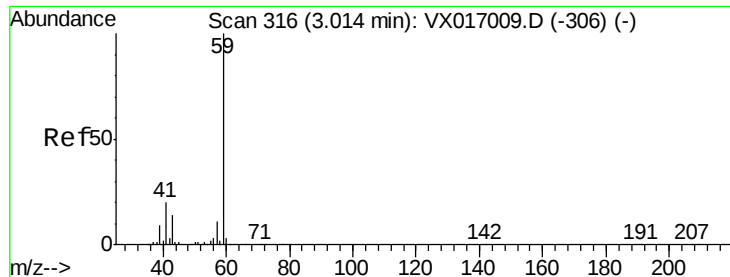
Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion:	142	Resp:	56401
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.6	54.8
141	15.1	11.6	17.4





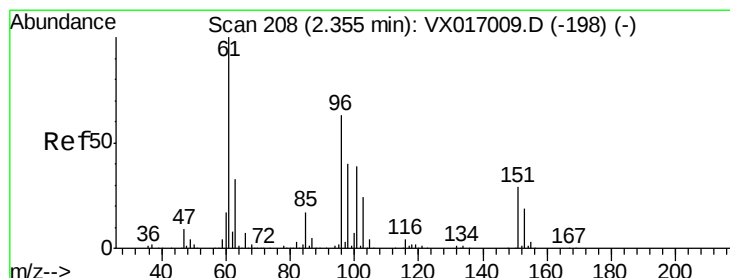
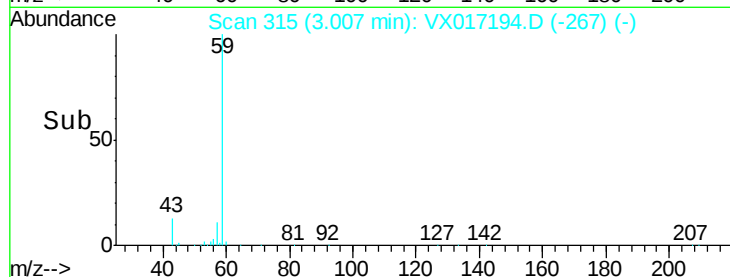
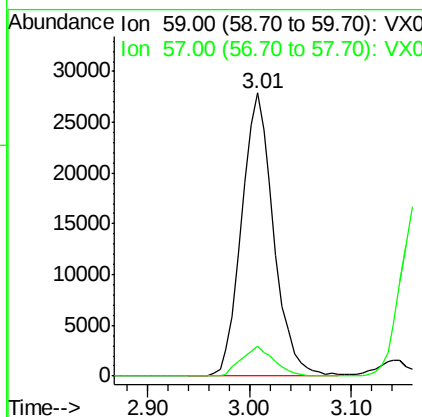
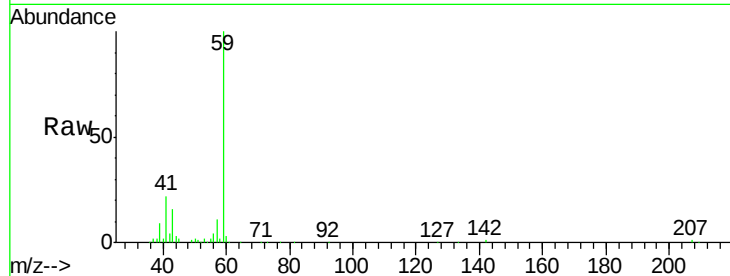
#11
Tert butyl alcohol
Concen: 87.007 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion: 59 Resp: 60625
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

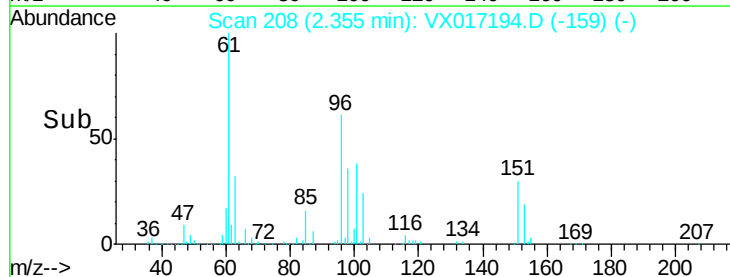
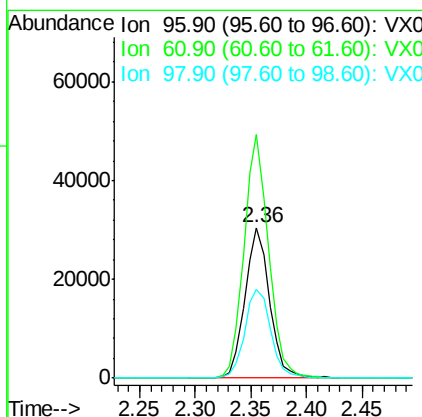
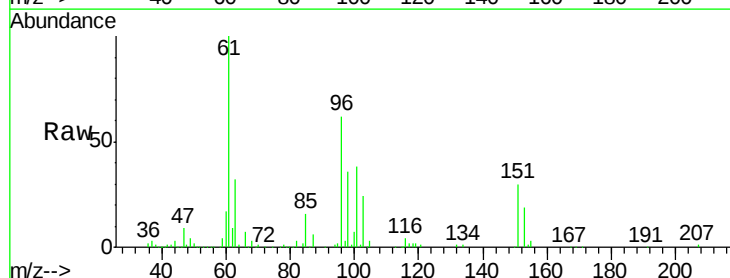
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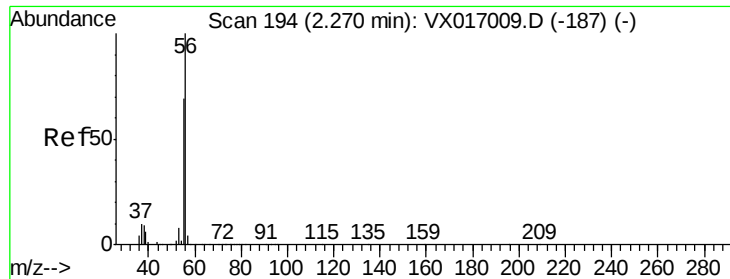
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.012 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion: 96 Resp: 46934
Ion Ratio Lower Upper
96 100
61 162.0 126.3 189.5
98 58.9 51.0 76.6





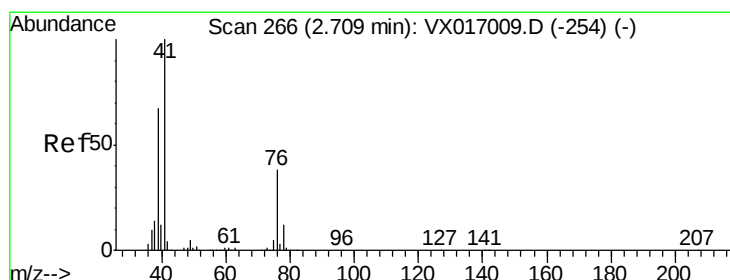
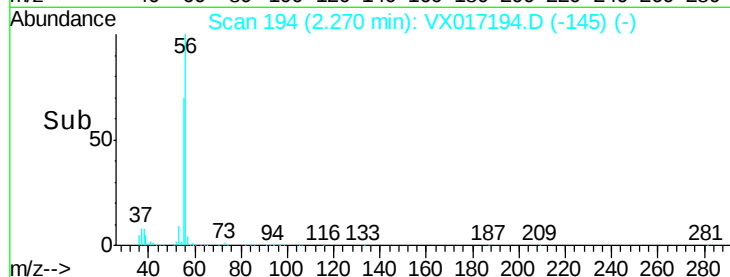
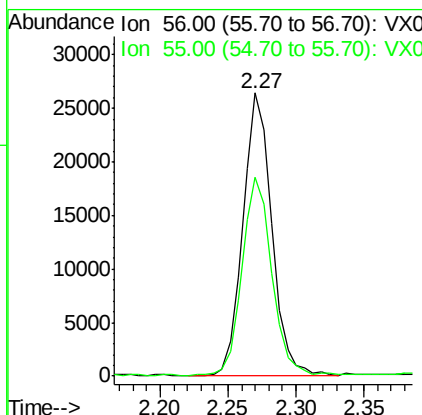
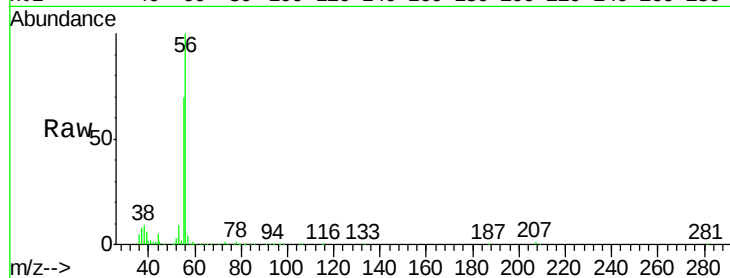
#13
Acrolein
Concen: 94.727 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.1	55.7	83.5

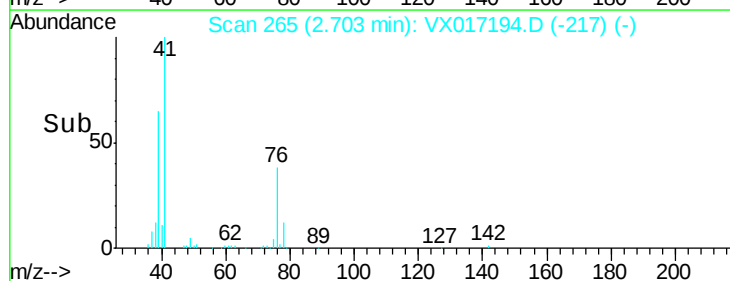
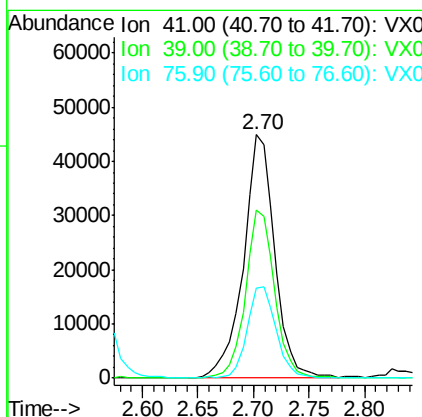
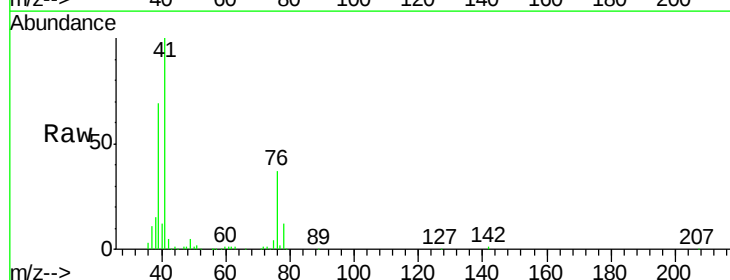
Manual Integrations
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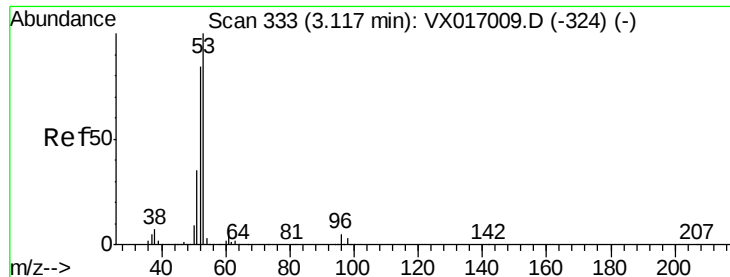
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#14
Allyl chloride
Concen: 16.235 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	49.4	74.2
76	34.9	26.8	40.2





#15

Acrylonitrile

Concen: 85.460 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

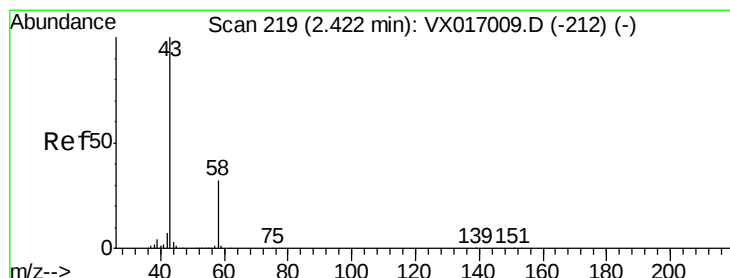
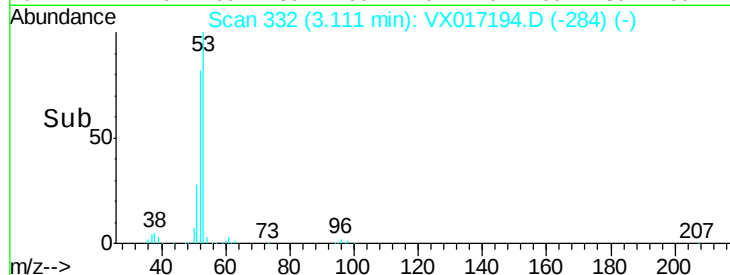
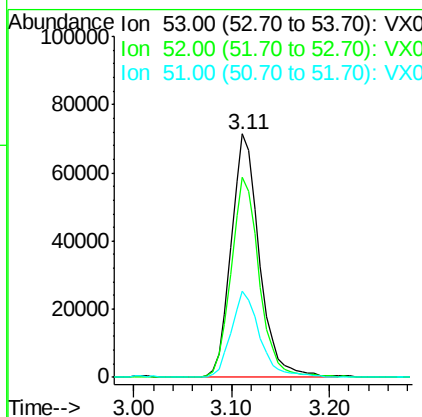
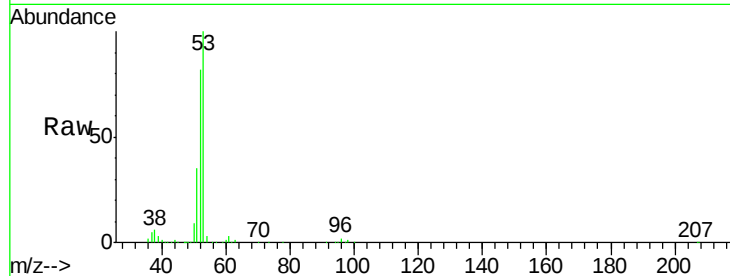
ClientSampleId :

VX0707WBSD01

Tot Ion:	53	Resp:	143148
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.6	98.4
51	36.3	28.3	42.5

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#16

Acetone

Concen: 89.291 ug/l

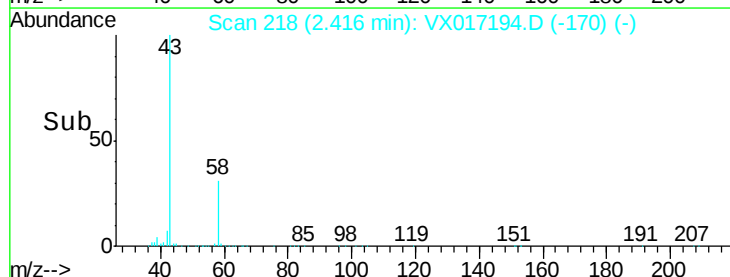
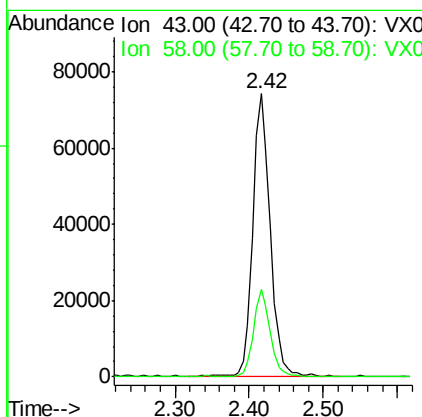
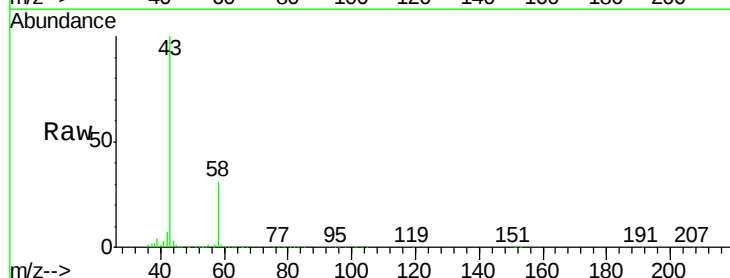
RT: 2.42 min Scan# 218

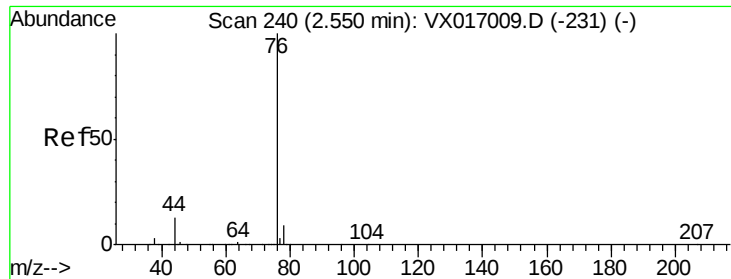
Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion:	43	Resp:	122002
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.7	38.5





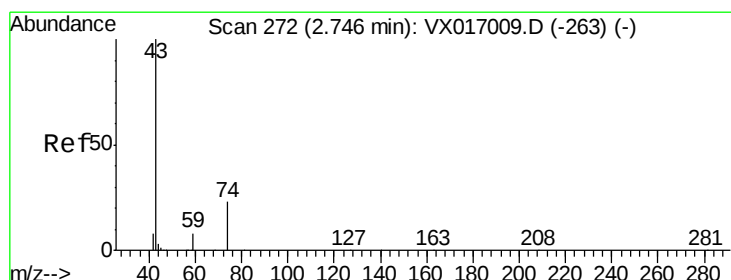
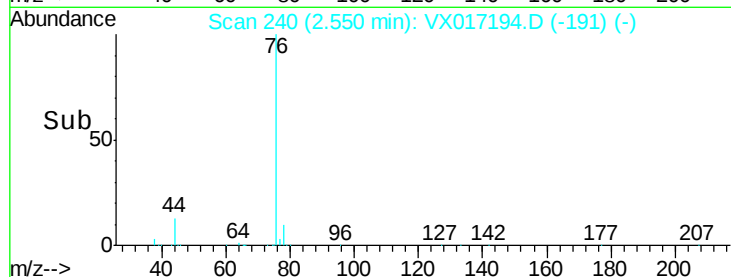
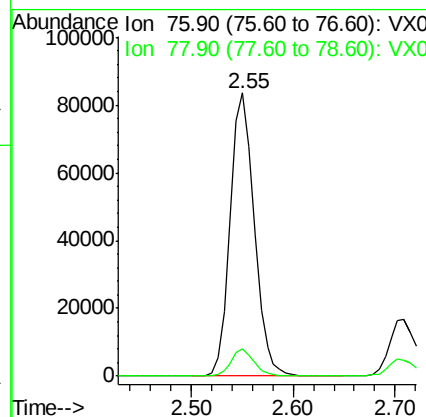
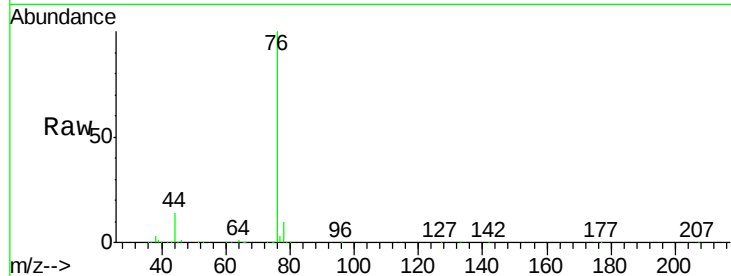
#17
Carbon Disulfide
Concen: 16.783 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.2	10.8

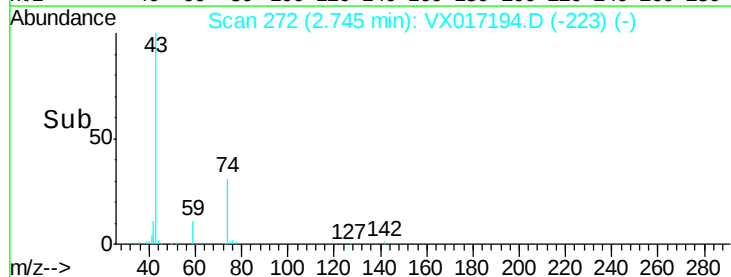
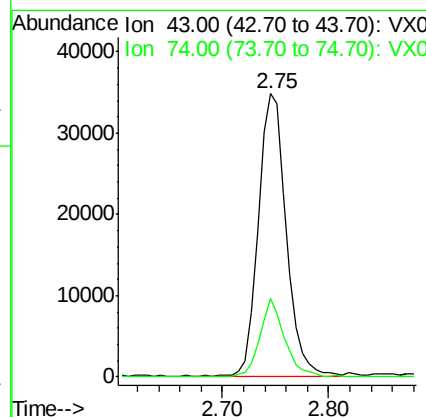
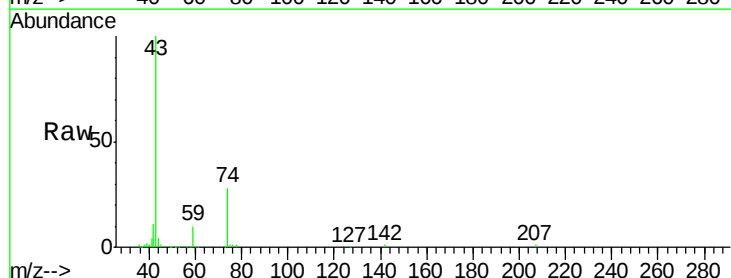
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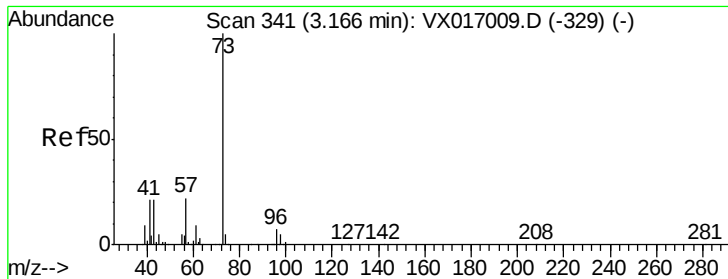
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#18
Methyl Acetate
Concen: 18.064 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.3	28.9





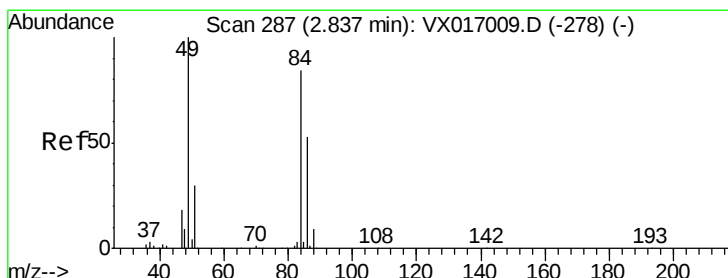
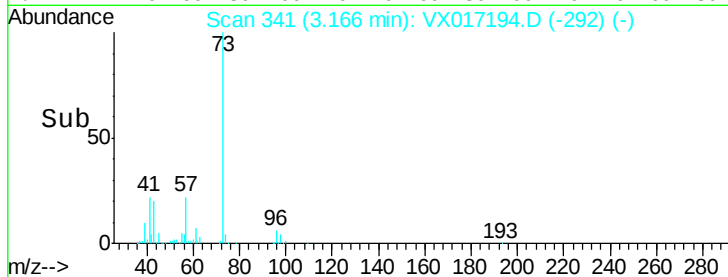
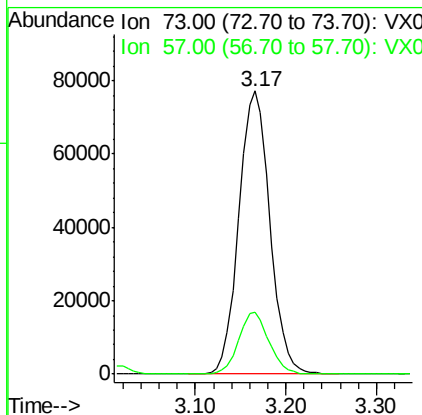
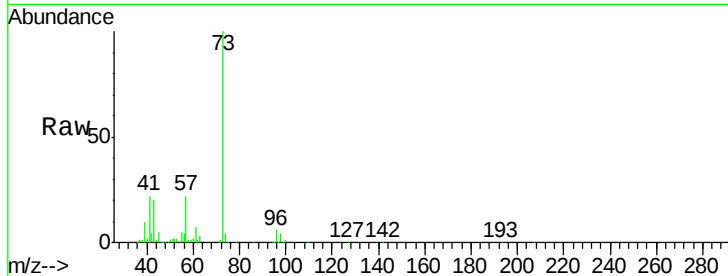
#19
Methyl tert-butyl Ether
Concen: 18.509 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4

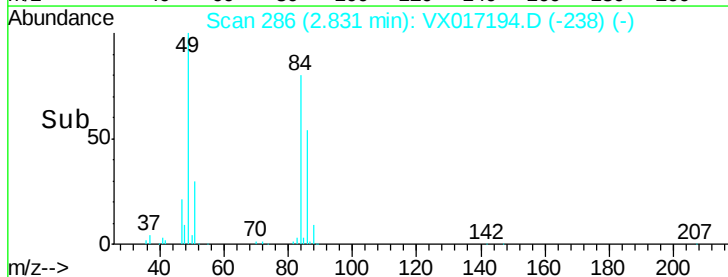
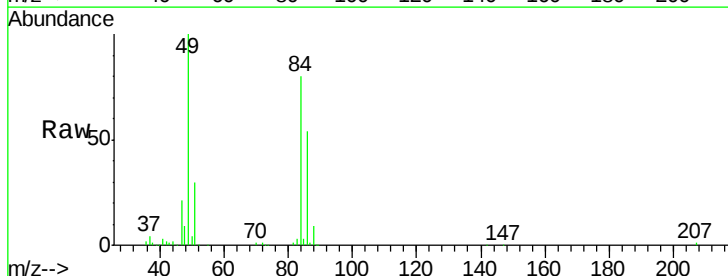
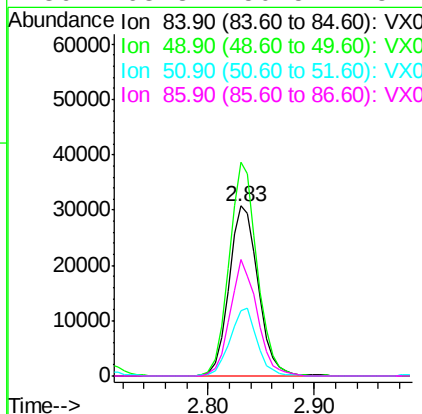
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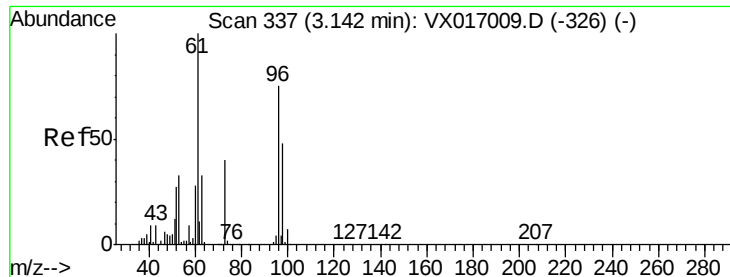
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#20
Methylene Chloride
Concen: 18.374 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.6	94.7	142.1
51	38.0	28.6	42.8
86	68.3	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.131 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

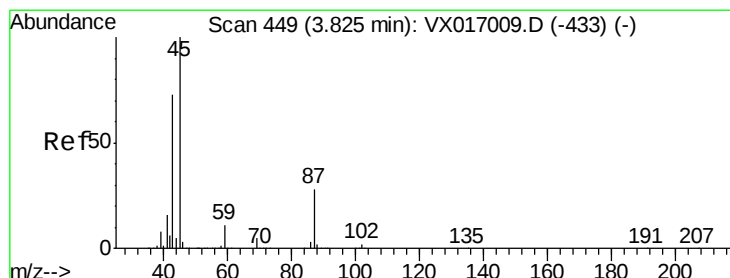
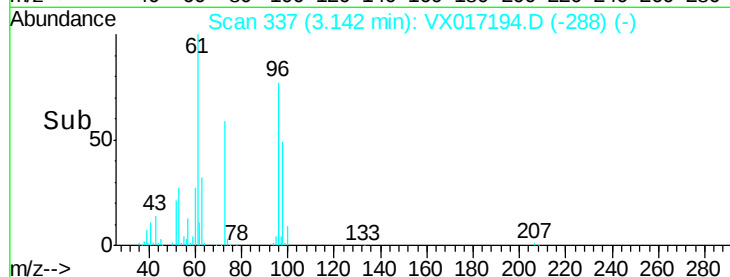
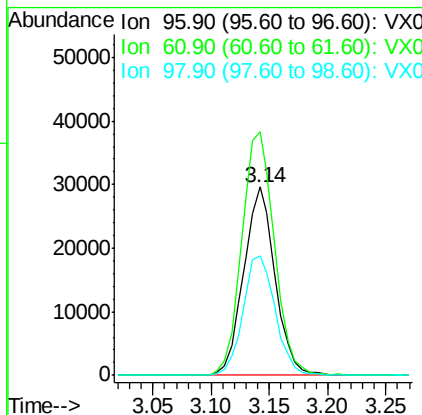
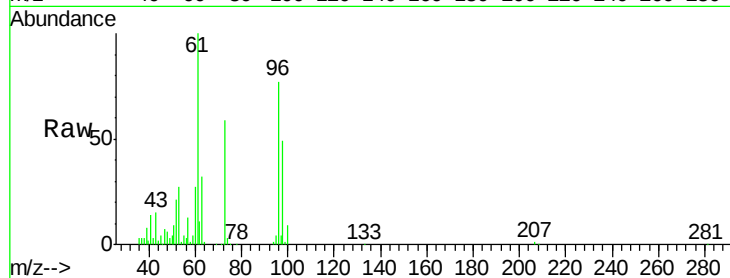
ClientSampleId :

VX0707WBSD01

Tot Ion:	96	Resp:	55726
Ion	Ratio	Lower	Upper
96	100		
61	129.2	107.0	160.6
98	63.5	51.6	77.4

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#22

Diisopropyl ether

Concen: 18.144 ug/l

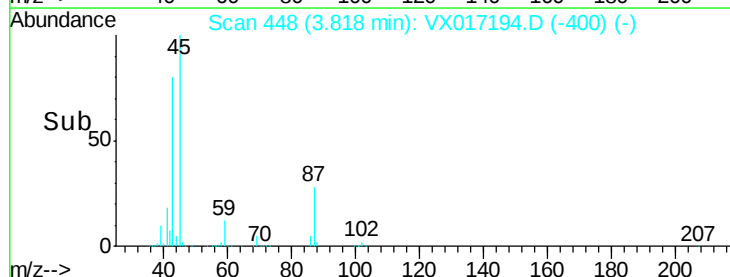
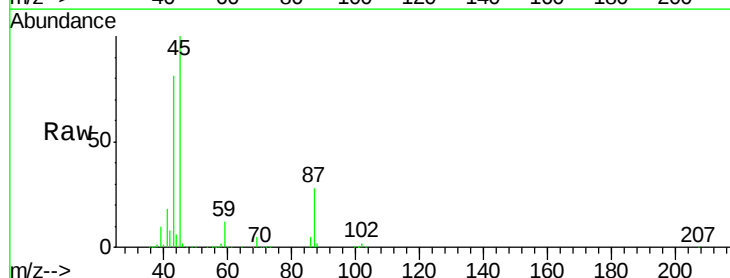
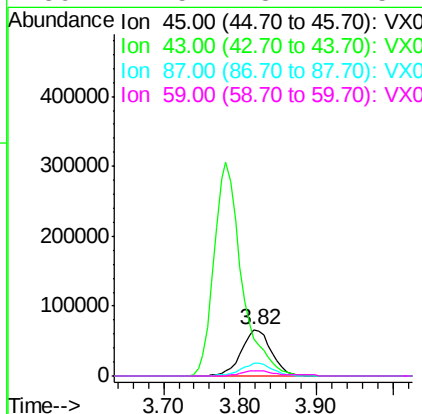
RT: 3.82 min Scan# 448

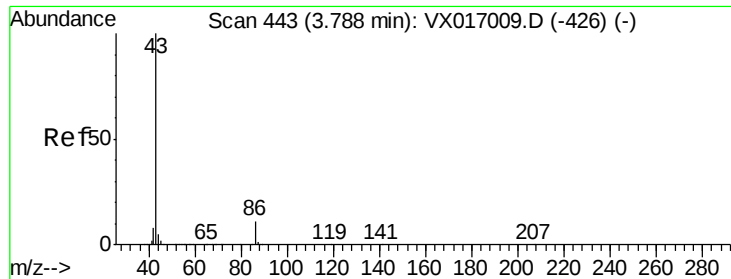
Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion:	45	Resp:	181918
Ion	Ratio	Lower	Upper
45	100		
43	79.7	58.6	88.0
87	28.4	22.6	34.0
59	11.5	8.7	13.1





#23

Vinyl Acetate

Concen: 89.151 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampled :

VX0707WBSD01

Tot Ion: 43 Resp: 768086

Ion Ratio Lower Upper

43 100

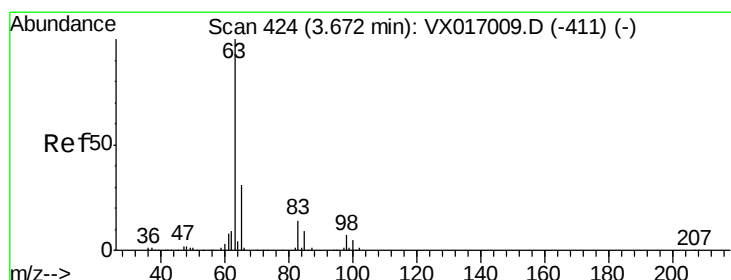
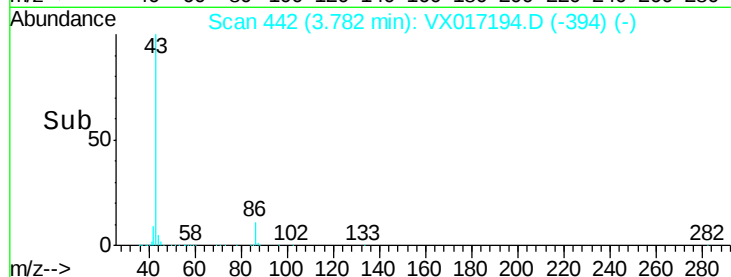
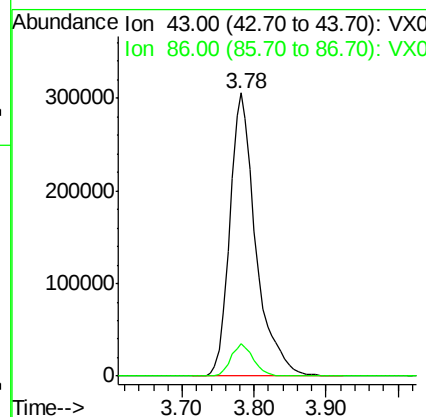
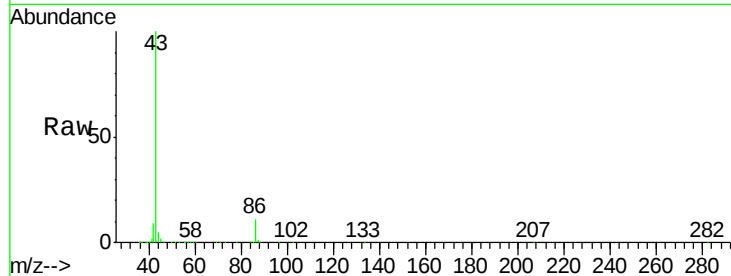
86 11.3 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 17.552 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

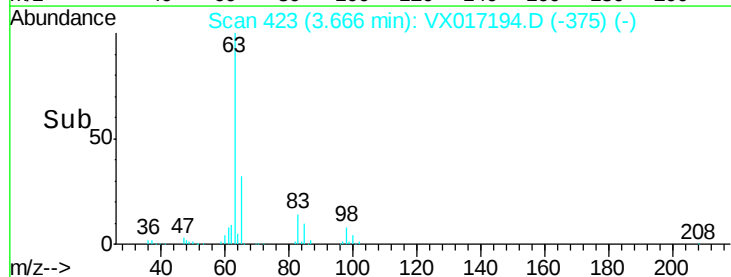
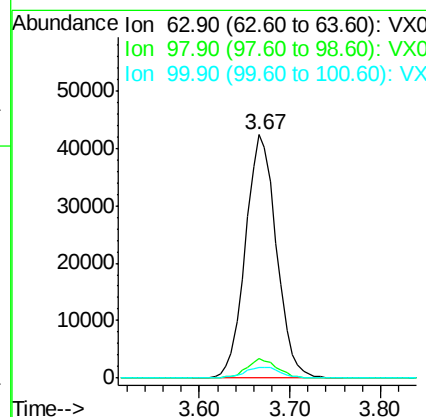
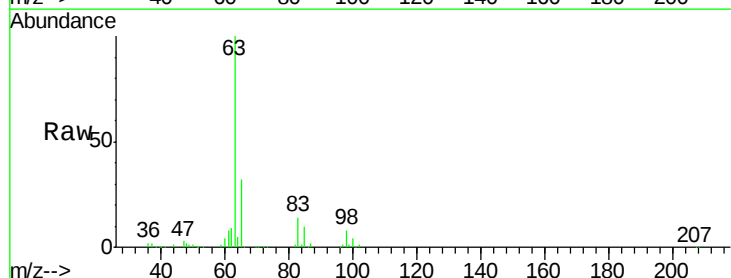
Tgt Ion: 63 Resp: 100131

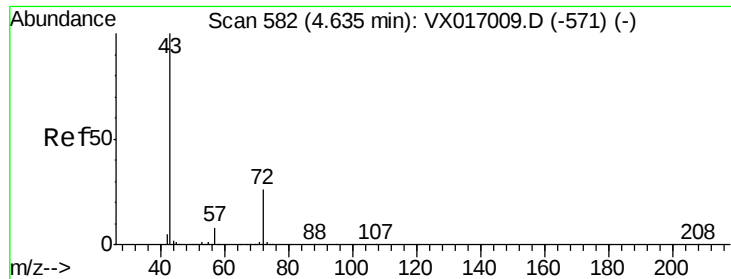
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 84.508 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion: 43 Resp: 192399

Ion Ratio Lower Upper

43 100

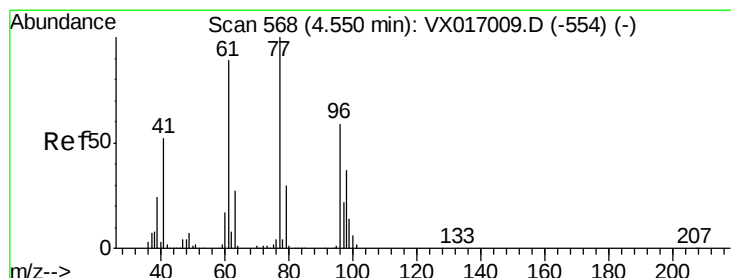
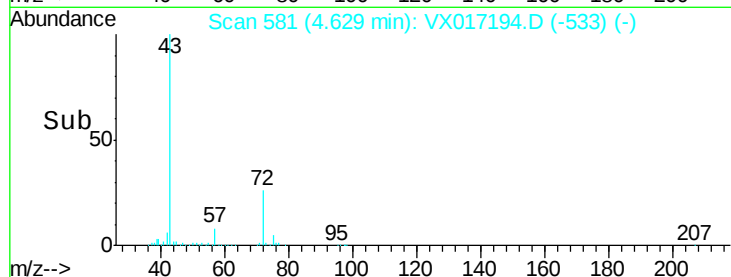
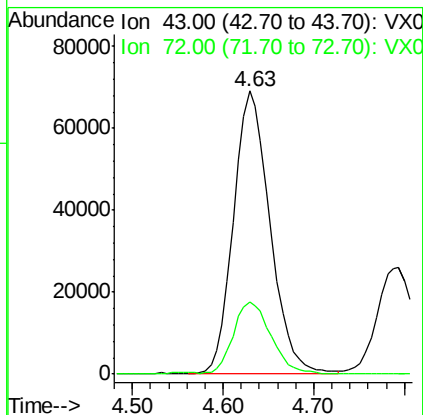
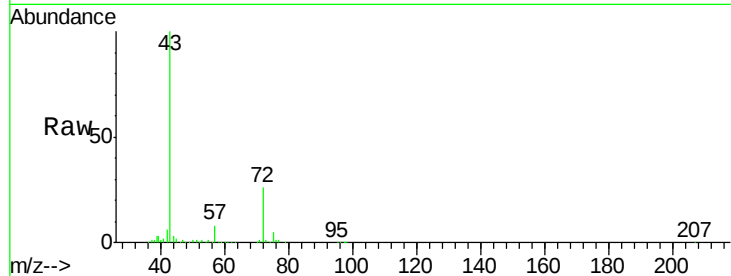
72 25.4 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.726 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017194.D

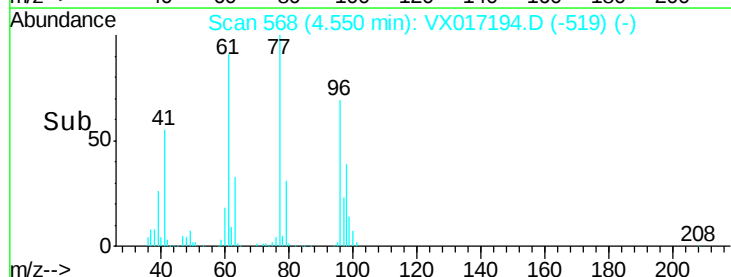
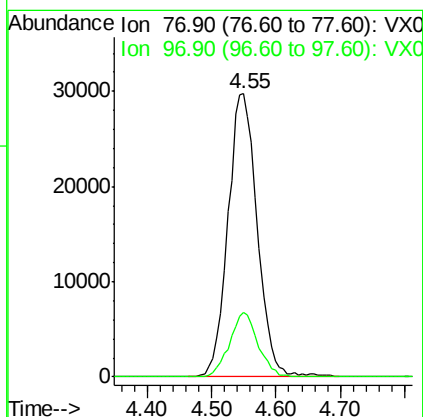
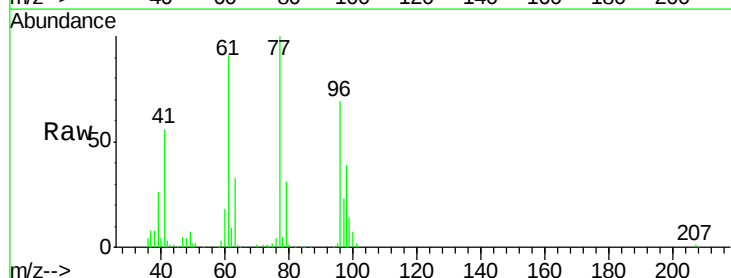
Acq: 07 Jul 2020 11:41

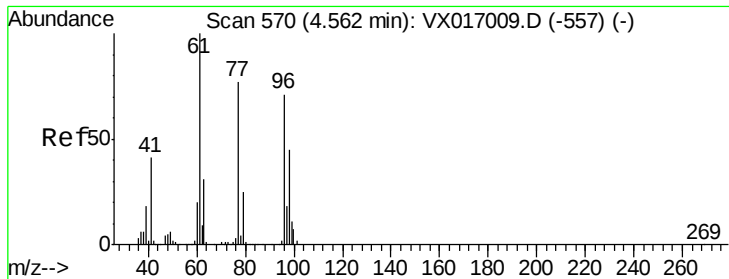
Tgt Ion: 77 Resp: 94855

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.2





#27

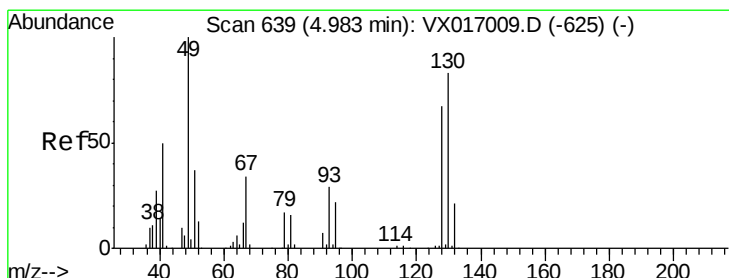
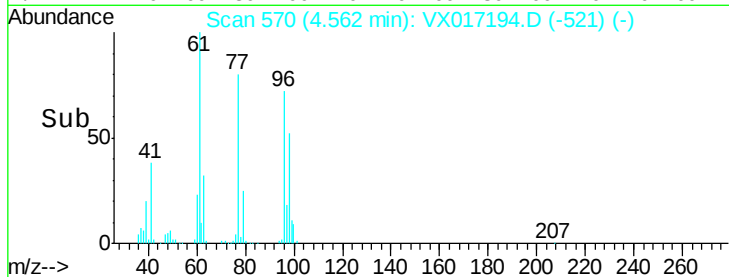
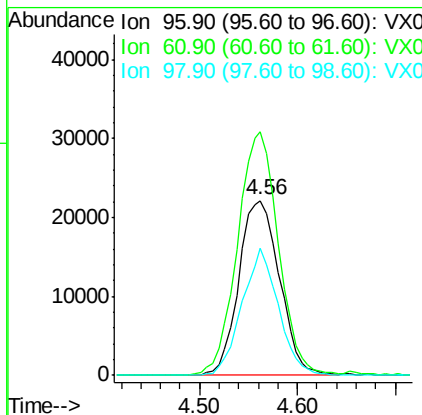
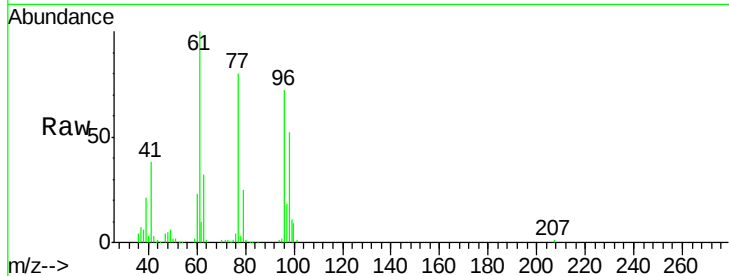
cis-1,2-Dichloroethene
Concen: 17.330 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	0.0	282.8
98	65.5	0.0	127.6

Manual Integrations
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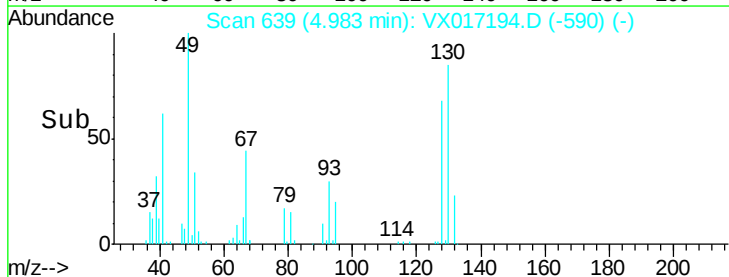
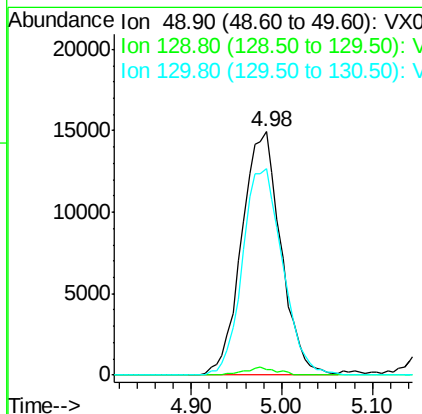
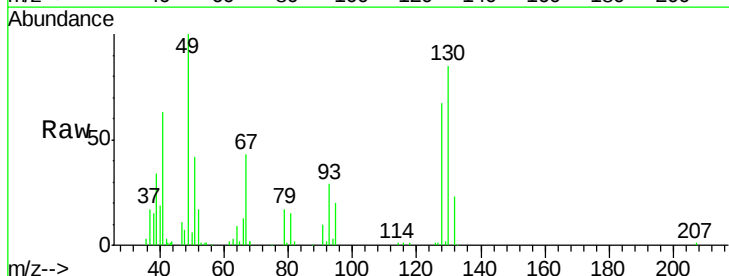
MMDadoda
7/8/2020 9:31:34 AM

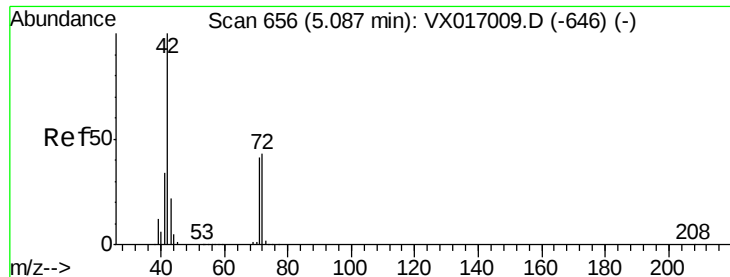


#28

Bromochloromethane
Concen: 16.113 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	86.9	66.6	100.0





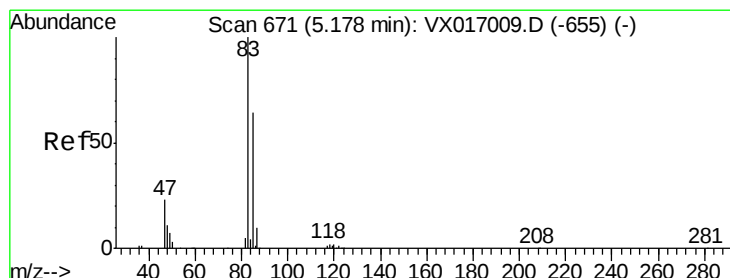
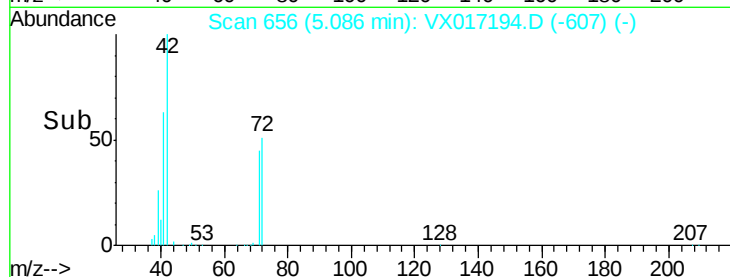
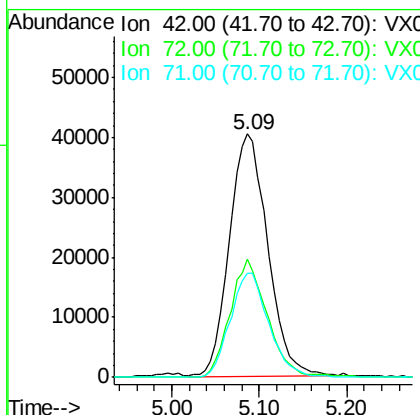
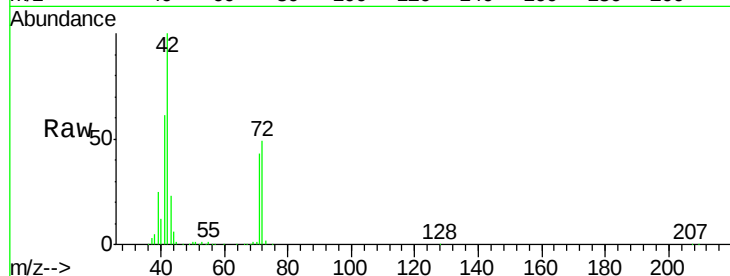
#29
Tetrahydrofuran
Concen: 81.588 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	35.3	52.9
71	43.5	33.1	49.7

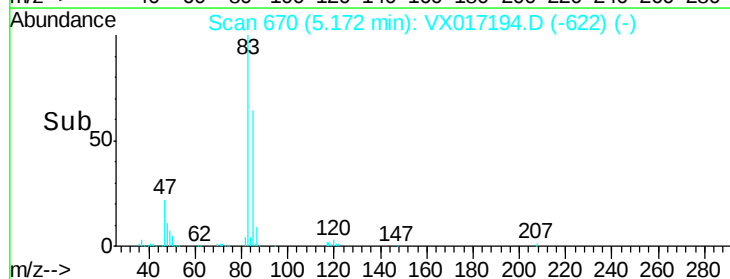
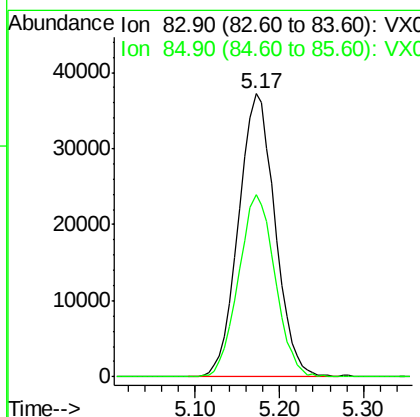
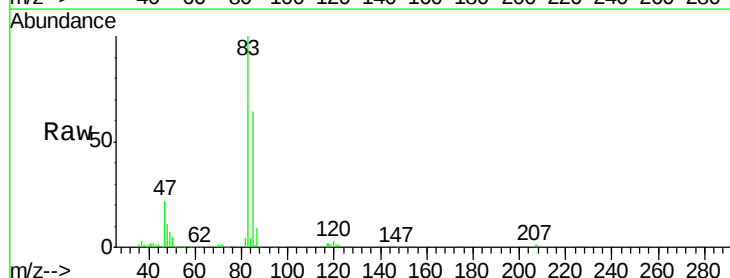
Manual Integrations
APPROVED

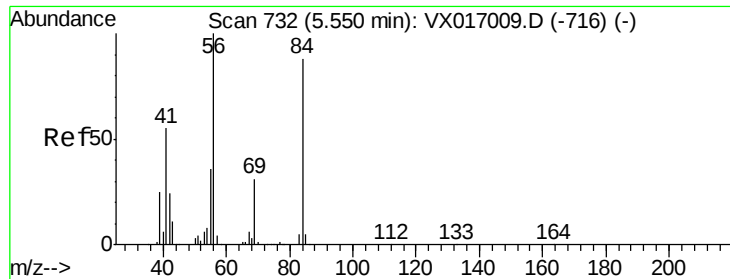
MMDadoda
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#30
Chloroform
Concen: 18.645 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2





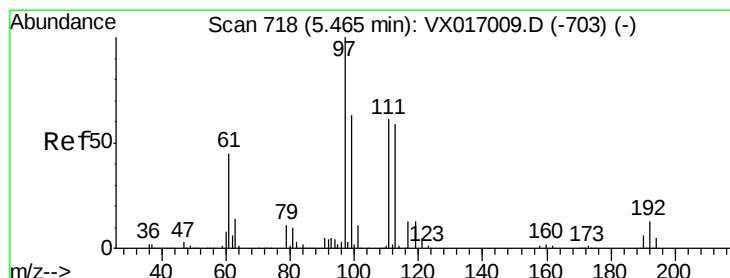
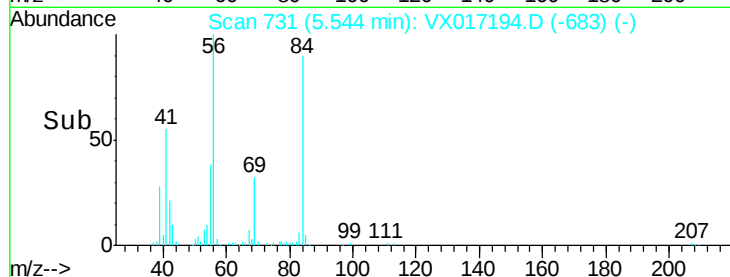
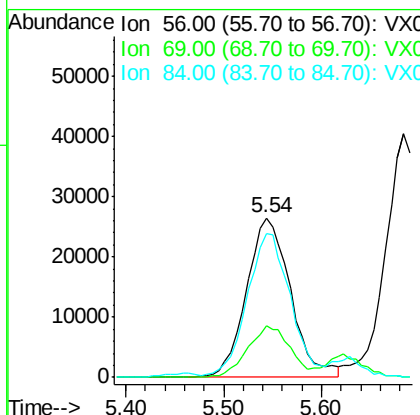
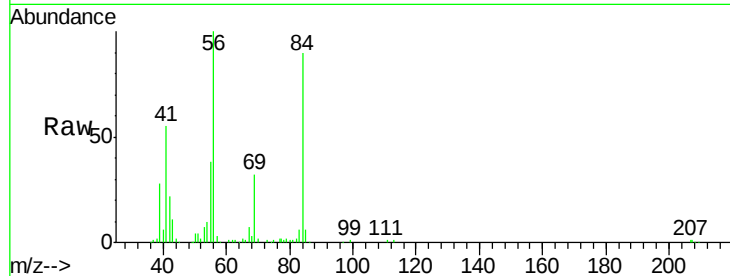
#31
Cyclohexane
Concen: 16.811 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.0	37.4
84	87.4	69.1	103.7

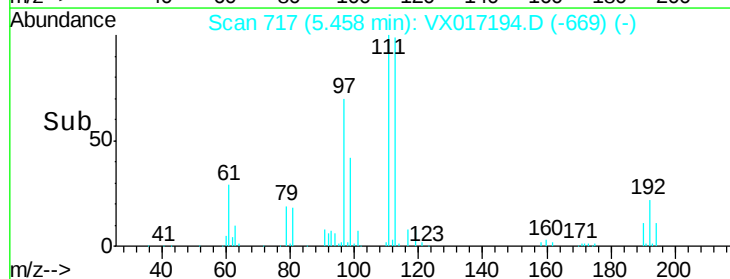
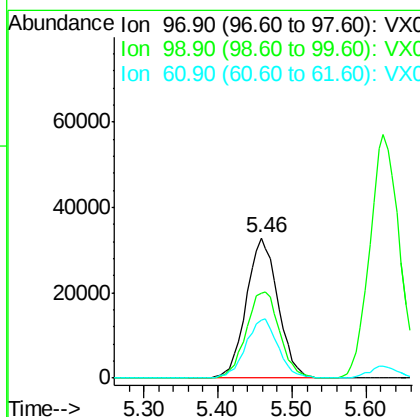
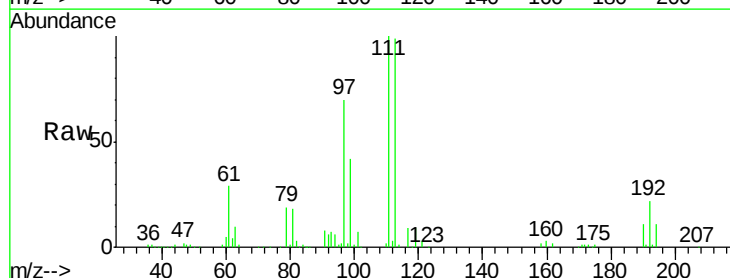
Manual Integrations
APPROVED

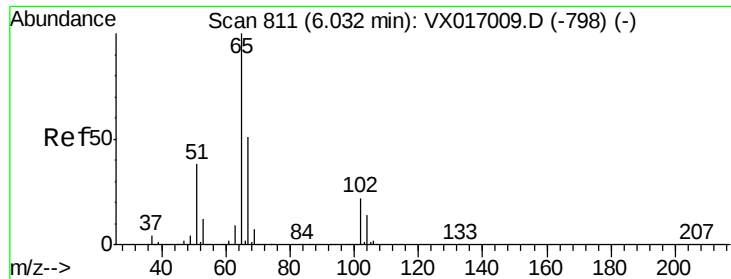
MMDadoda
7/8/2020 9:31:34 AM



#32
1,1,1-Trichloroethane
Concen: 18.191 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.8	76.2
61	43.0	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 46.340 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tot Ion: 65 Resp: 169254

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8

Instrument :

MSVOA_X

ClientSampled :

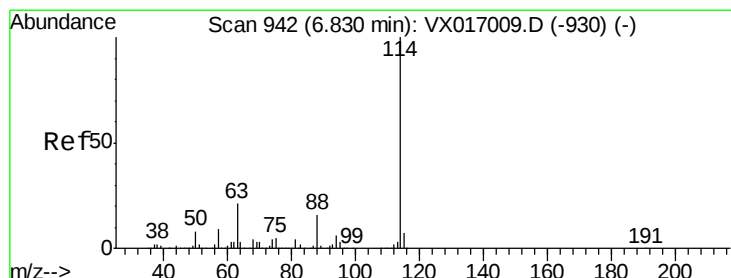
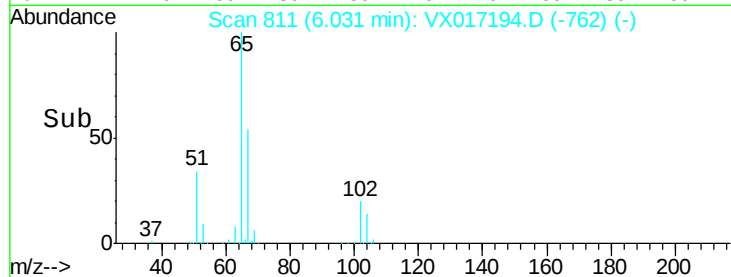
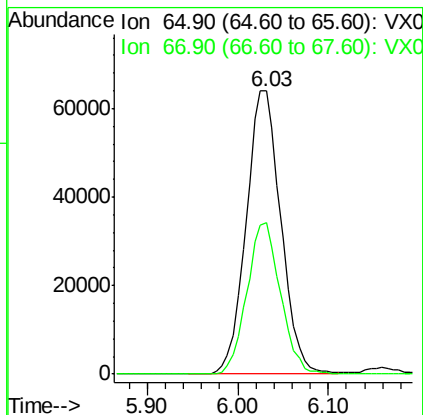
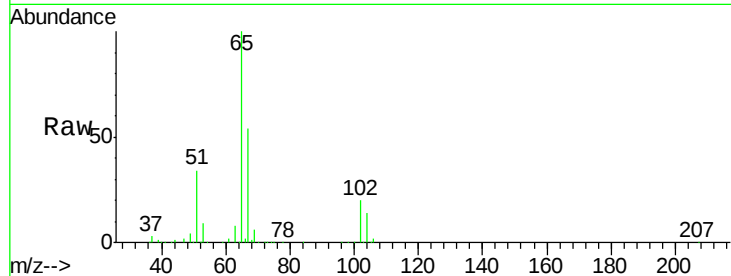
VX0707WBSD01

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

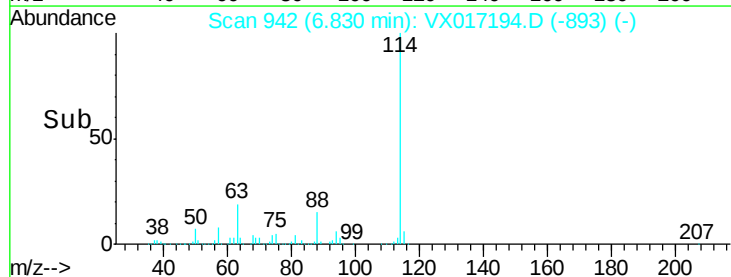
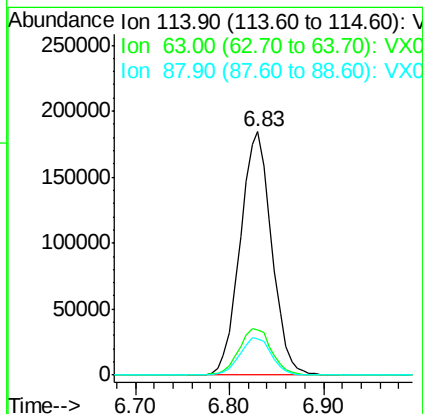
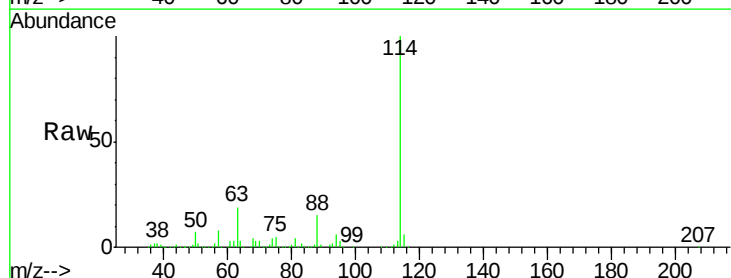
Tgt Ion: 114 Resp: 430972

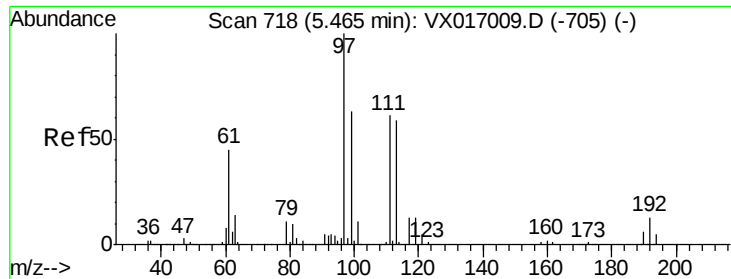
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.4

88 15.1 0.0 32.4





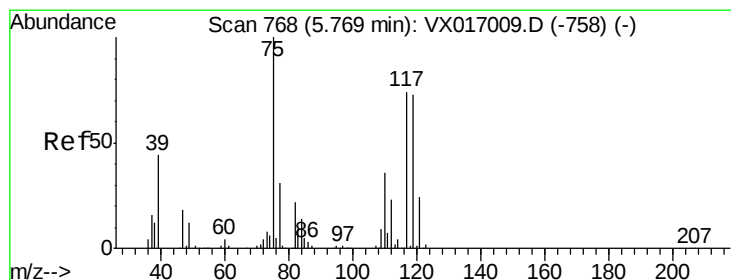
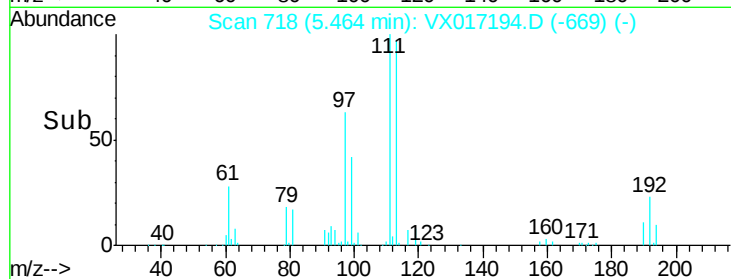
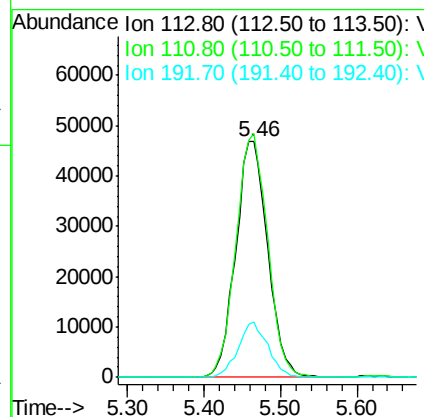
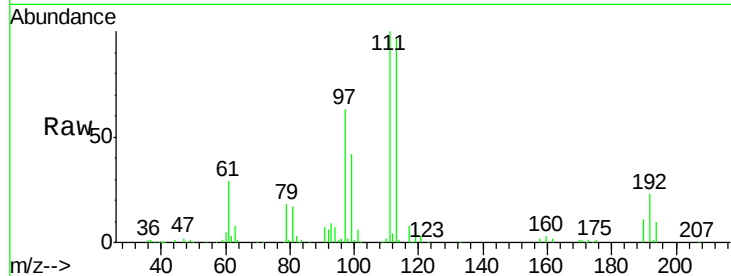
#35
Dibromofluoromethane
Concen: 49.855 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135914		
111	102.3	81.9	122.9	
192	21.9	16.7	25.1	

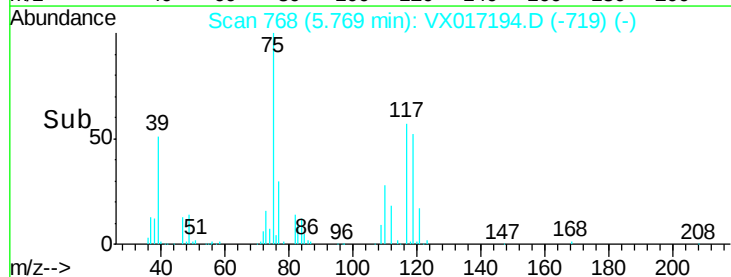
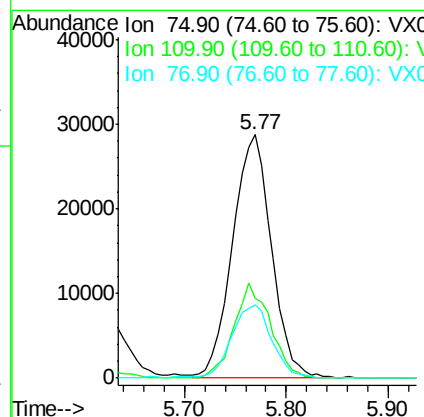
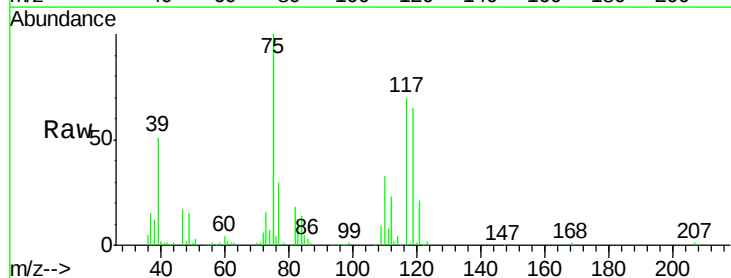
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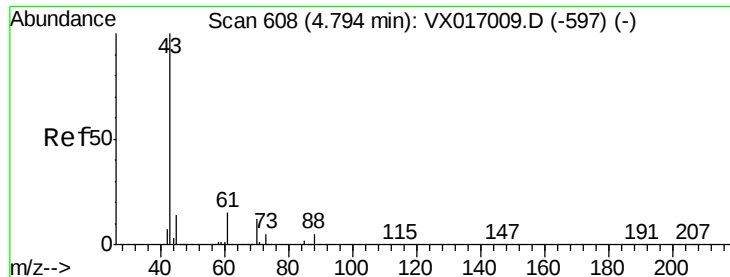
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#36
1,1-Dichloropropene
Concen: 18.543 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75528		
110	37.0	18.1	54.1	
77	31.3	24.6	37.0	





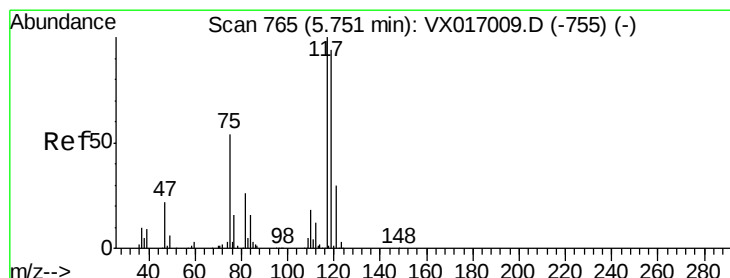
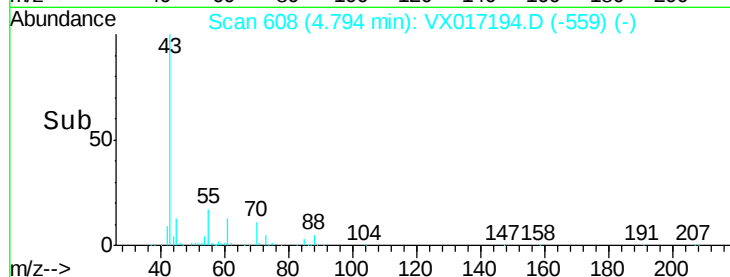
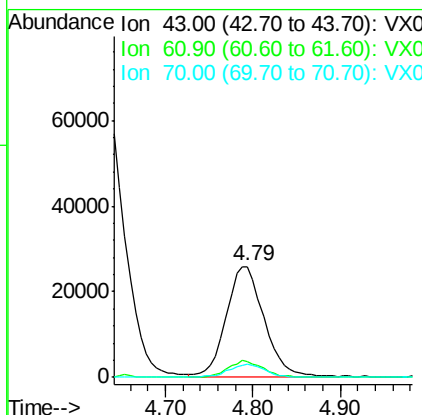
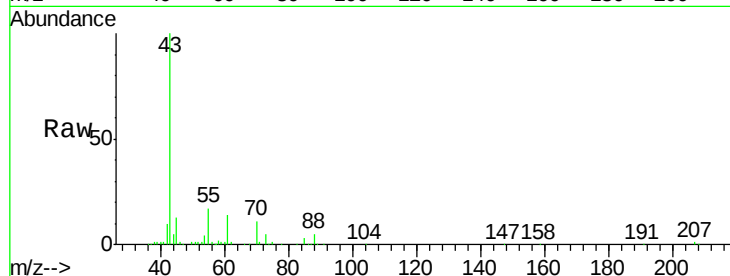
#37
Ethyl Acetate
Concen: 18.707 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampled :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.4
70	11.6	8.9	13.3

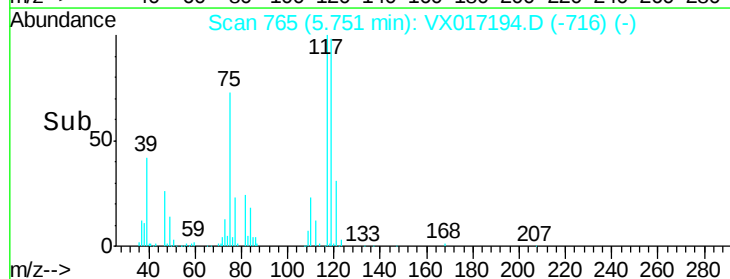
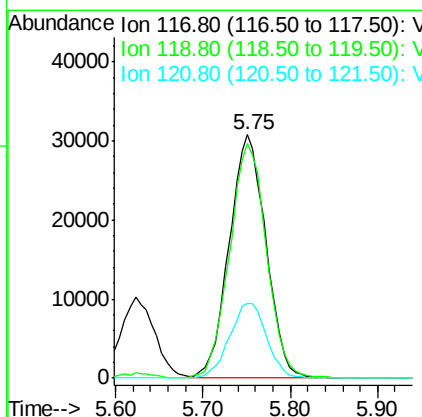
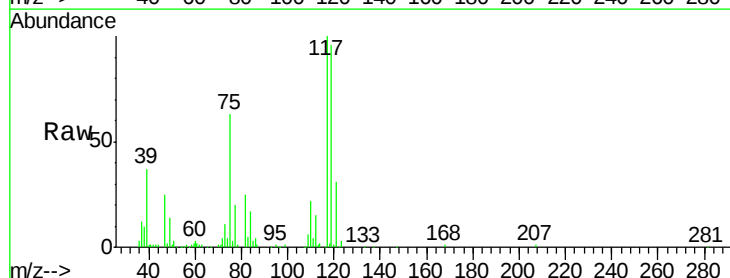
Manual Integrations
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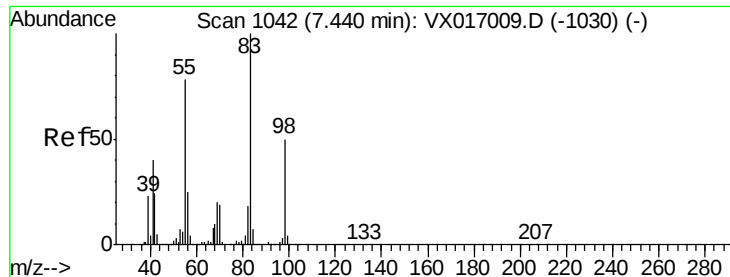
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#38
Carbon Tetrachloride
Concen: 19.992 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
121	30.9	23.8	35.6





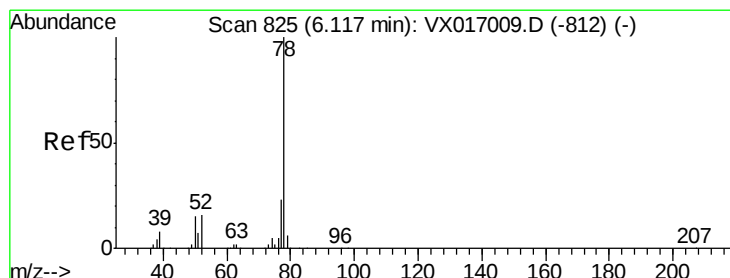
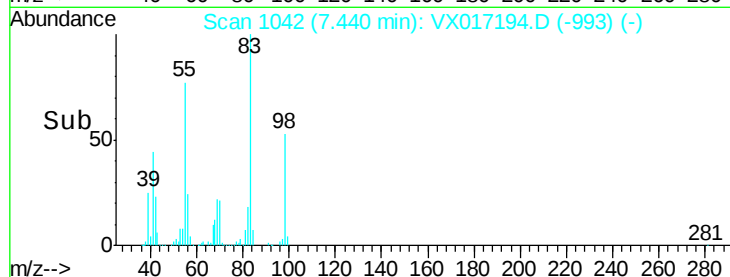
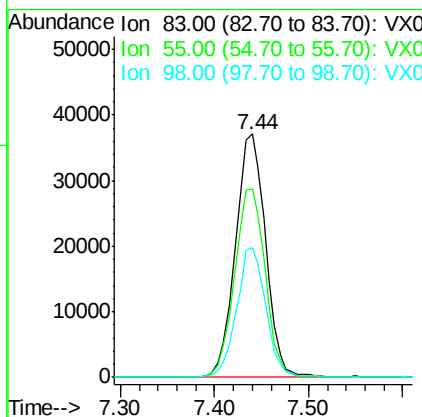
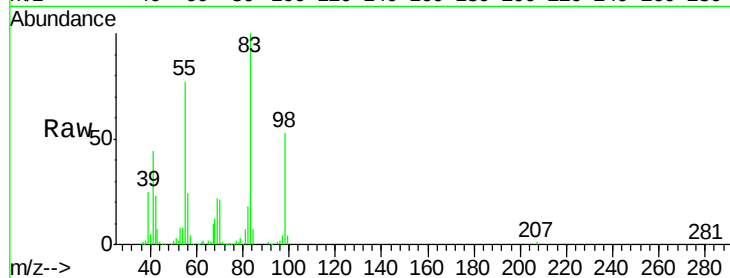
#39
Methvlcvclohexane
Concen: 18.311 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	62.5	93.7
98	53.0	40.1	60.1

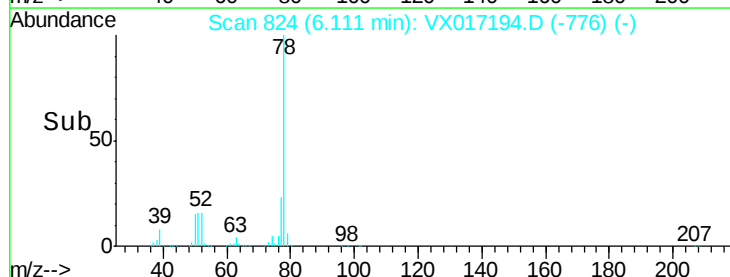
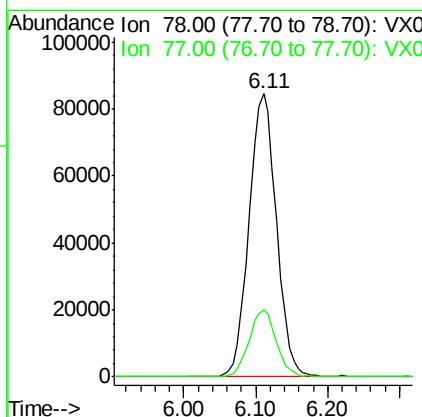
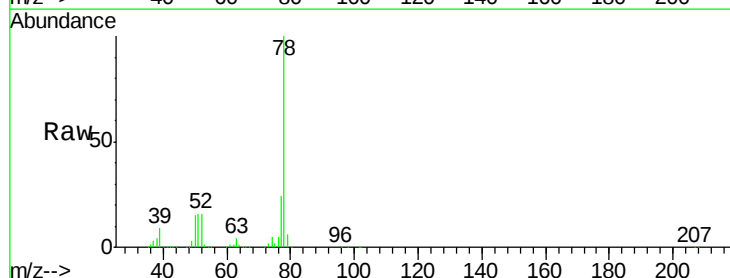
Manual Integrations
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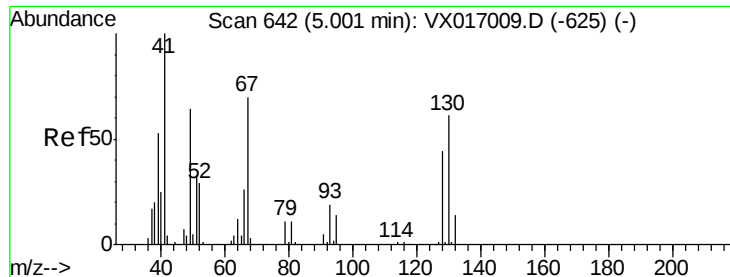
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#40
Benzene
Concen: 18.705 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.3	27.5





#41

Methacrylonitrile

Concen: 18.865 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

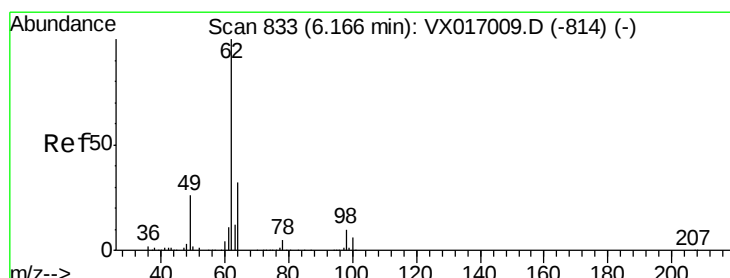
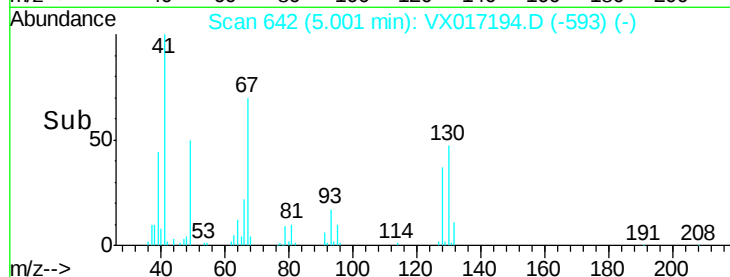
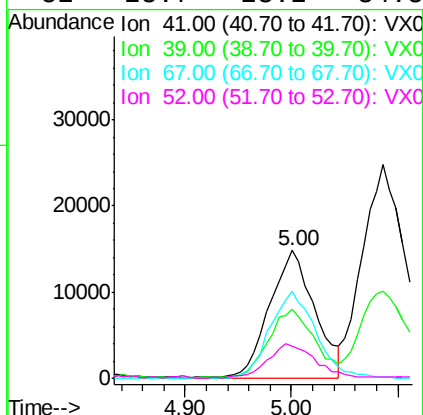
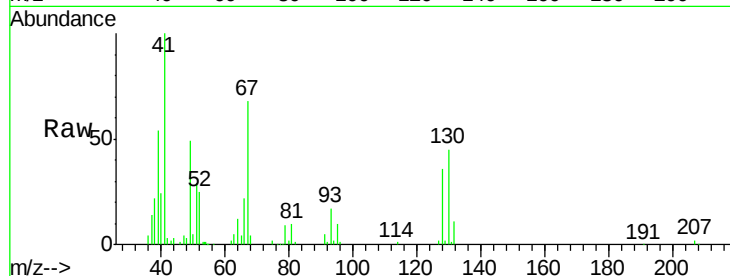
ClientSampleId :

VX0707WBSD01

Tot Ion:	41	Resp:	43880
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.4	66.6
67	68.9	57.1	85.7
52	28.7	23.2	34.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.234 ug/l

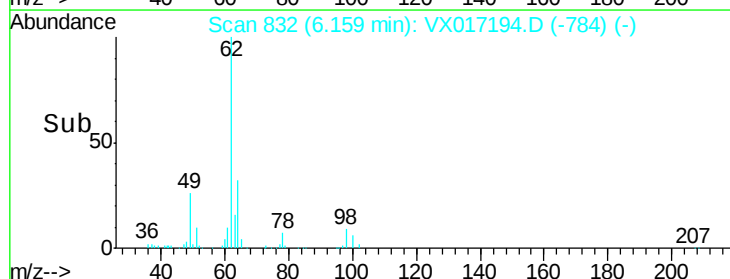
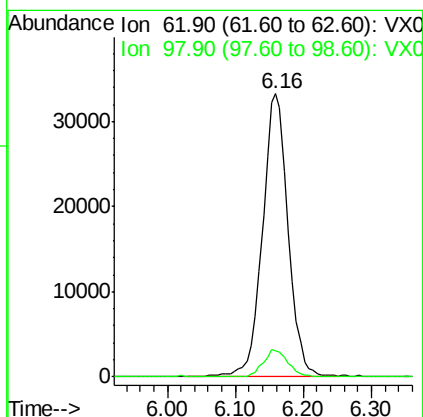
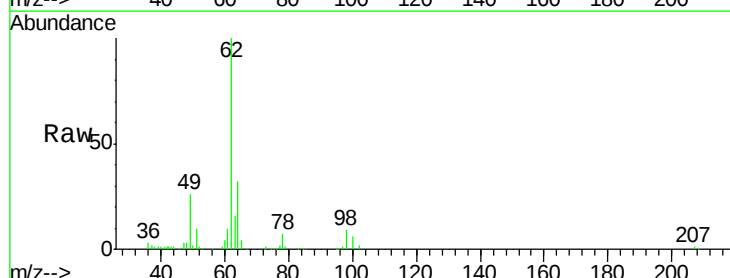
RT: 6.16 min Scan# 832

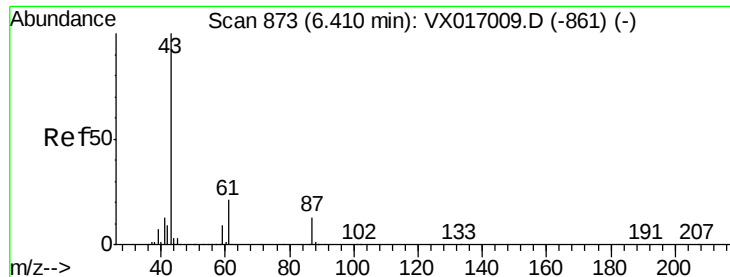
Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion:	62	Resp:	87468
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43

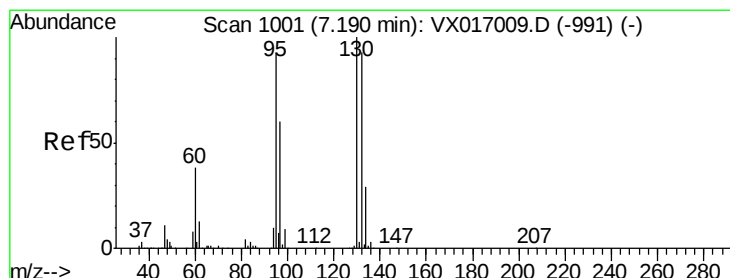
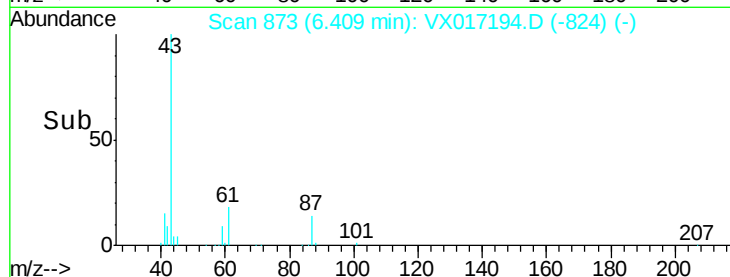
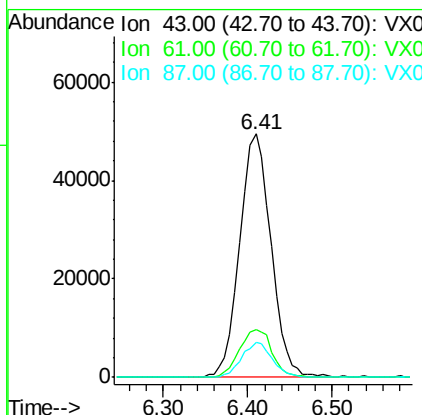
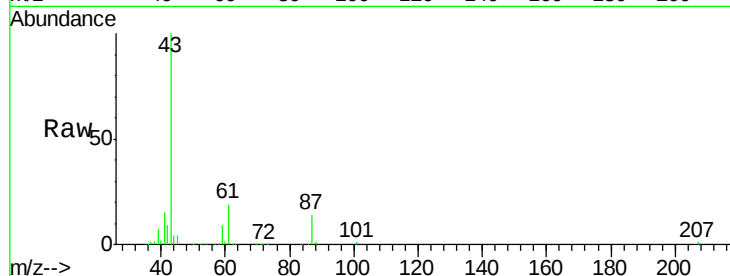
Isopropyl Acetate
 Concen: 18.035 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.2
87	14.0	10.7	16.1

Manual Integrations
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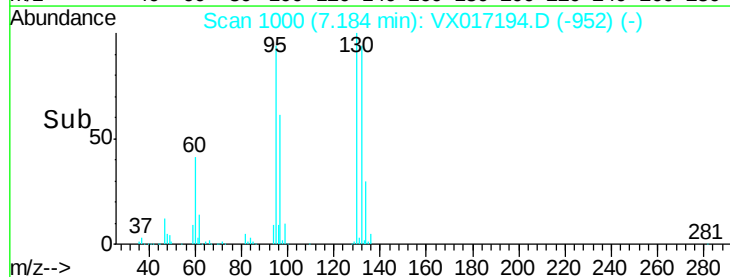
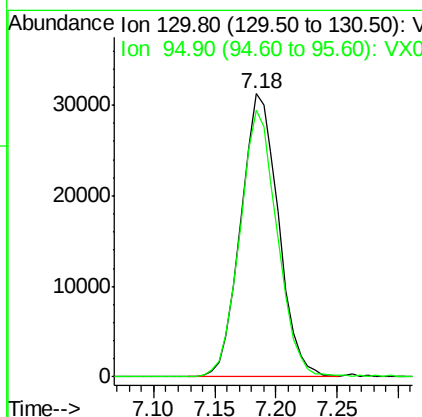
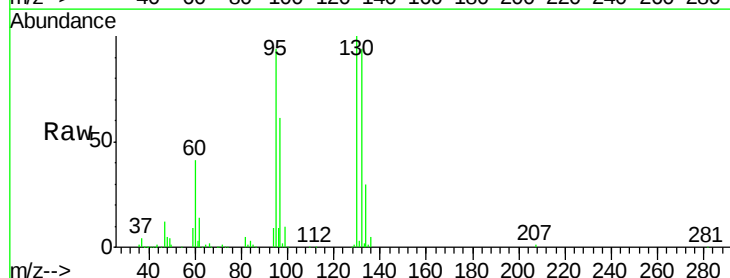
MMDadoda
 7/8/2020 9:31:34 AM

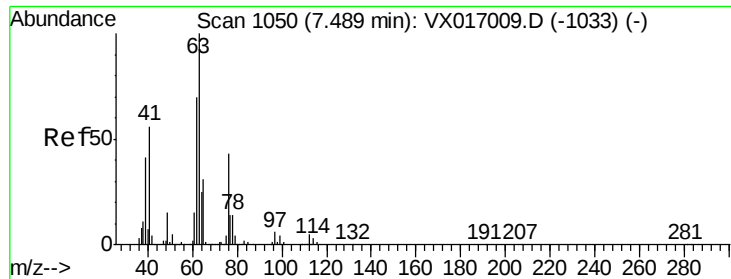


#44

Trichloroethene
 Concen: 20.096 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	185.0





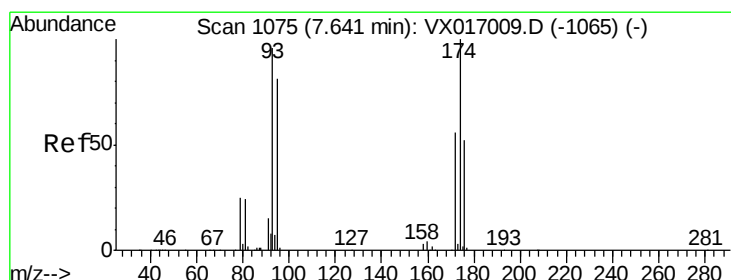
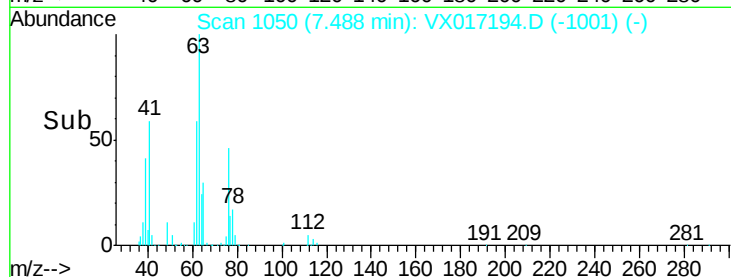
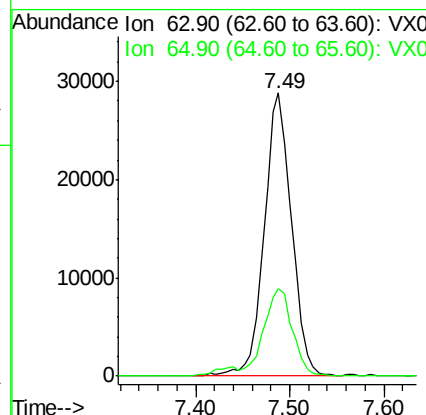
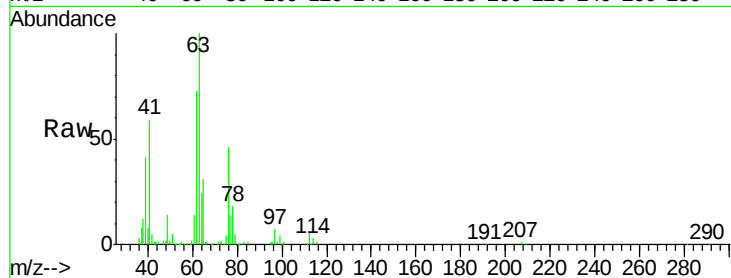
#45
 1,2-Dichloropropane
 Concen: 19.111 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

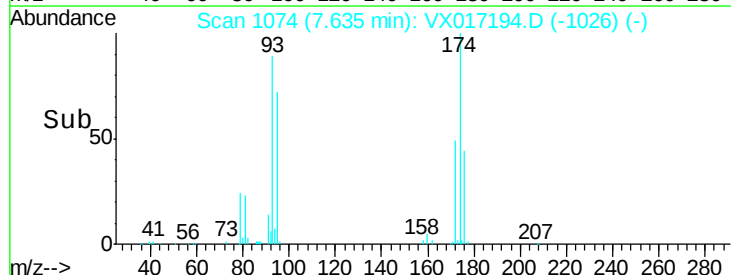
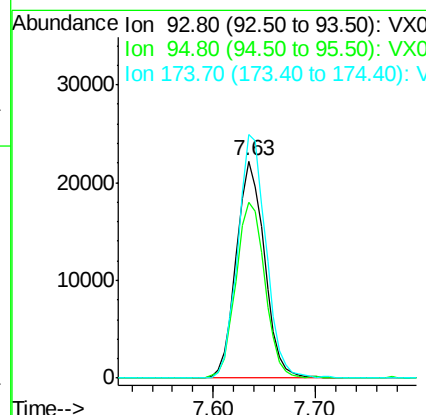
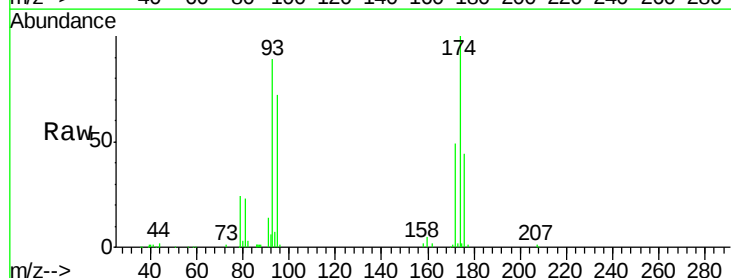
Manual Integrations
 APPROVED

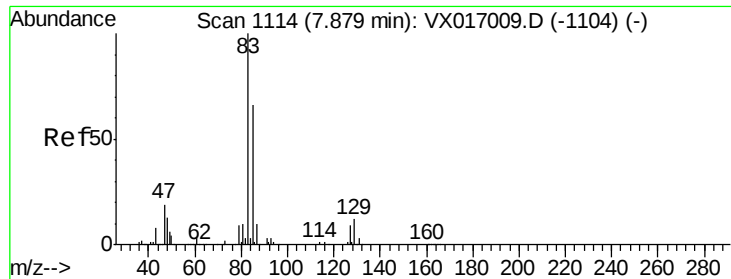
MMDadoda
 7/8/2020 9:31:34 AM



#46
 Dibromomethane
 Concen: 20.260 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.4	101.0
174	111.4	84.3	126.5





#47

Bromodichloromethane

Concen: 20.176 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

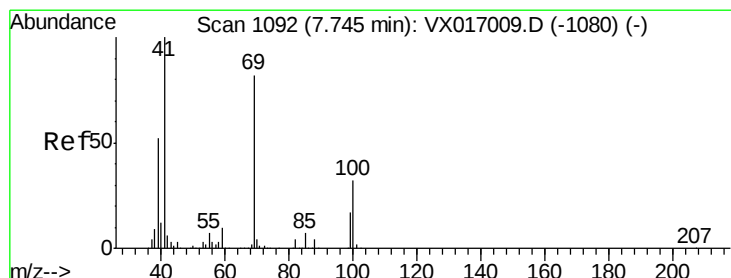
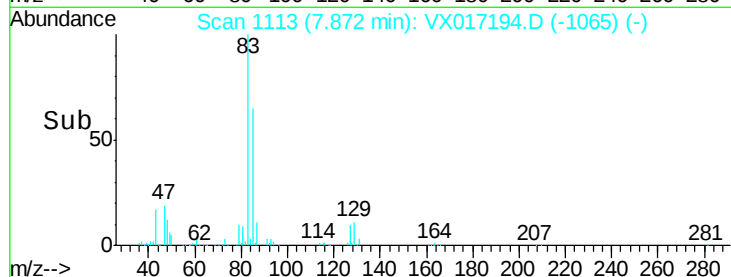
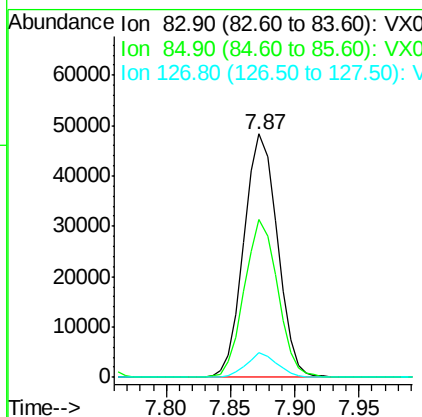
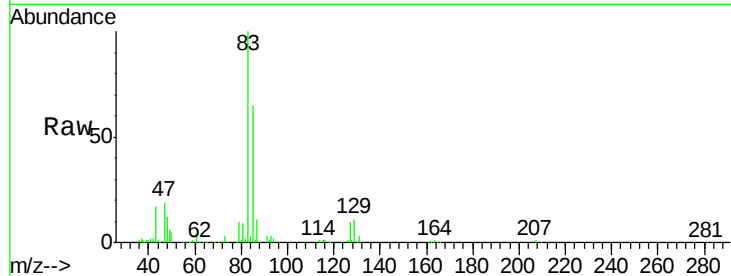
ClientSampleId :

VX0707WBSD01

Tot Ion:	83	Resp:	87256
Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.0	79.4
127	9.9	7.5	11.3

Manual Integrations
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7/8/2020 9:31:34 AM



#48

Methyl methacrylate

Concen: 18.466 ug/l

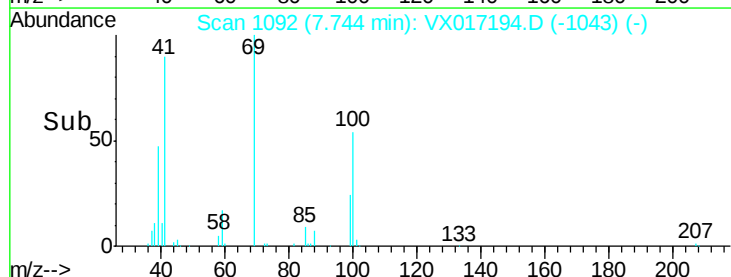
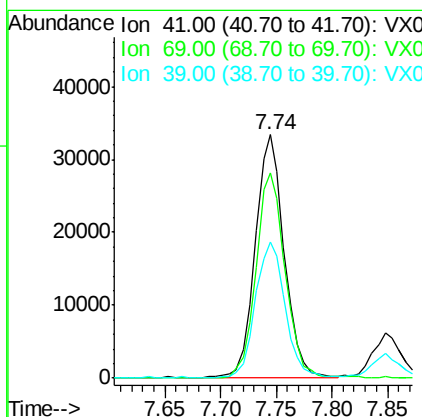
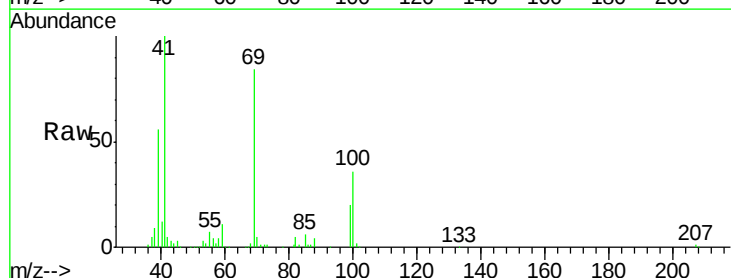
RT: 7.74 min Scan# 1092

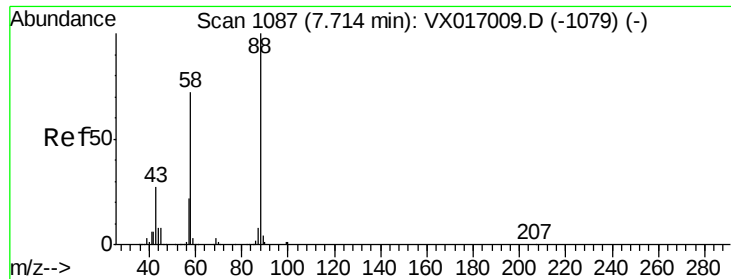
Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion:	41	Resp:	60247
Ion	Ratio	Lower	Upper
41	100		
69	85.9	65.8	98.8
39	57.4	42.5	63.7





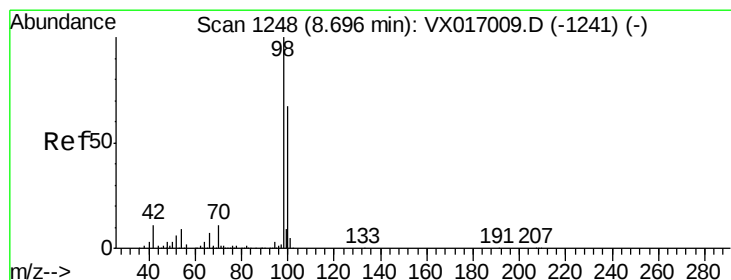
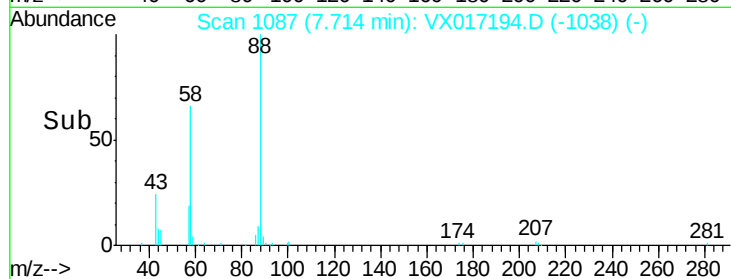
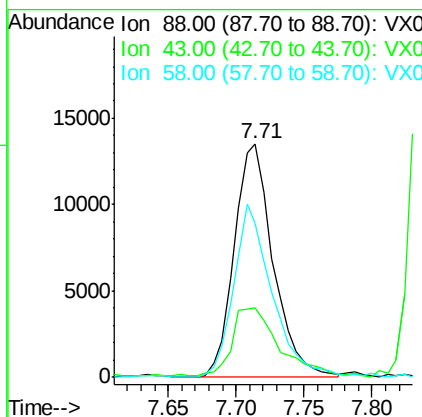
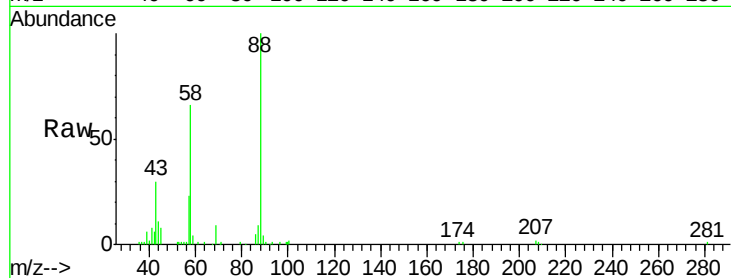
#49
1,4-Dioxane
Concen: 363.122 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	25.8	38.8
58	72.9	54.8	82.2

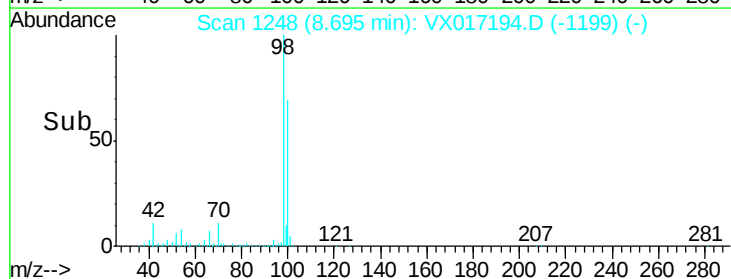
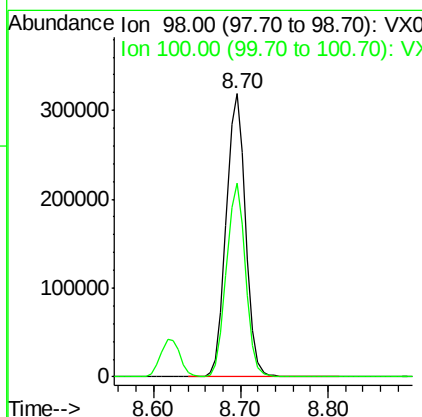
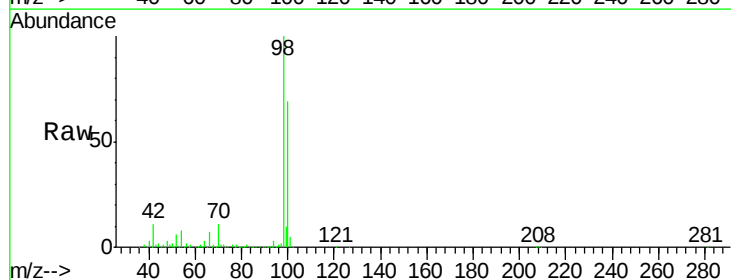
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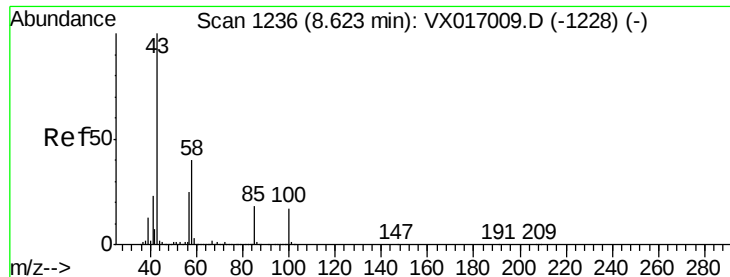
MMDadoda
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#50
Toluene-d8
Concen: 48.458 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.8	80.6





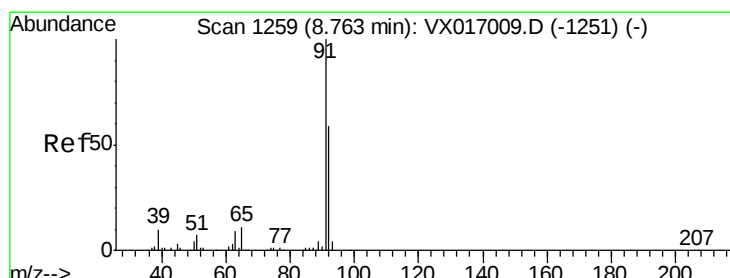
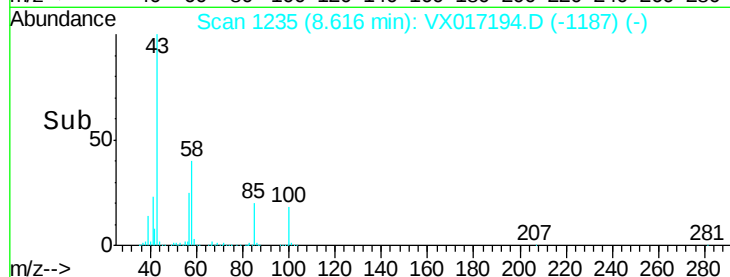
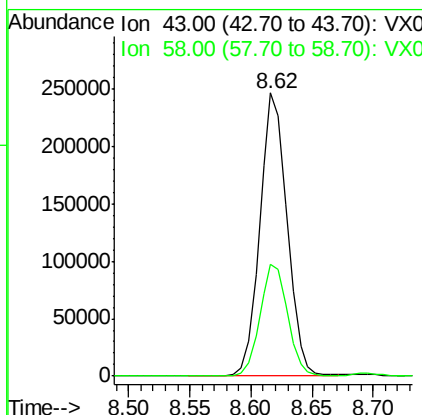
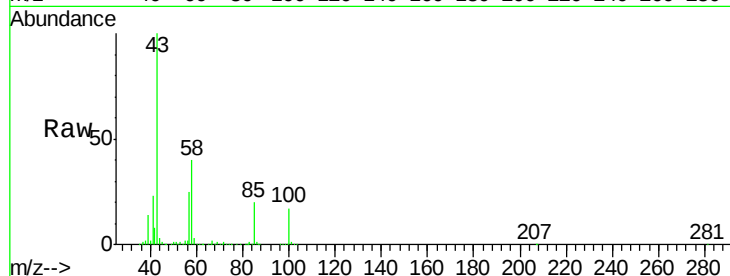
#51
4-Methyl-2-Pentanone
Concen: 93.859 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.9	47.9

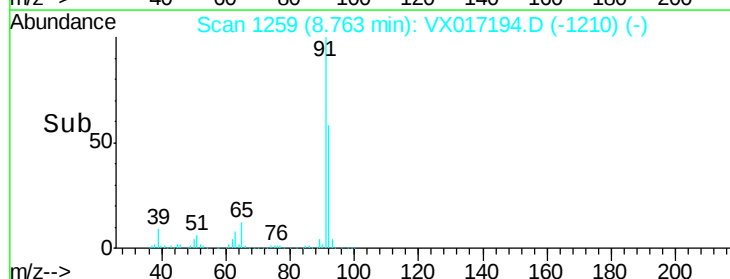
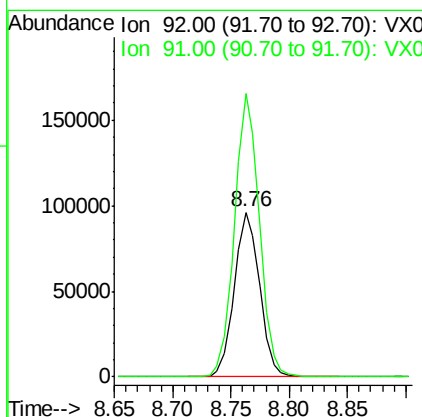
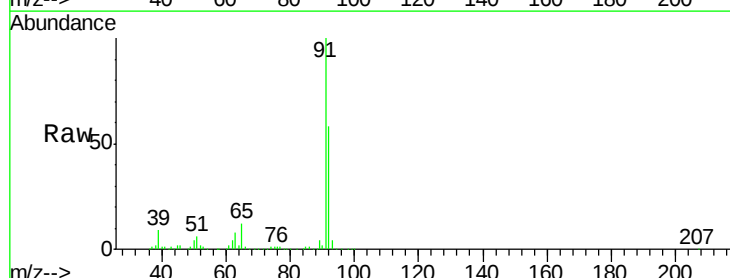
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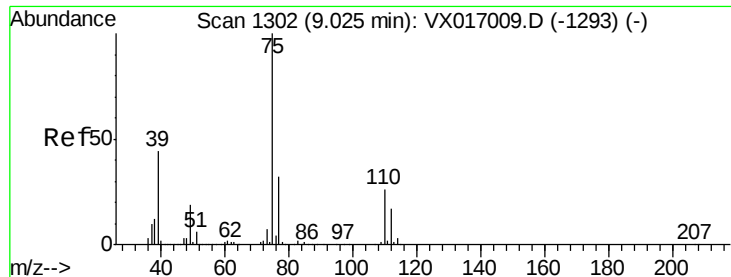
MMDadoda
7/8/2020 9:31:34 AM



#52
Toluene
Concen: 19.487 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.8	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 19.765 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion: 75 Resp: 94313

Ion Ratio Lower Upper

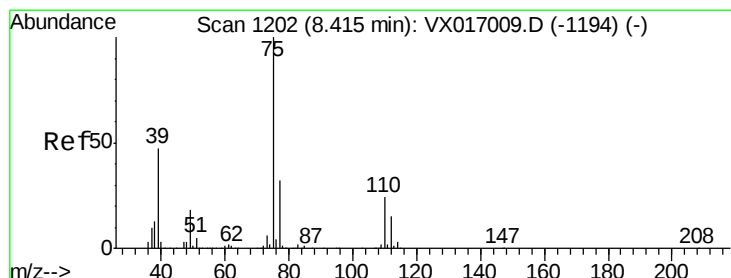
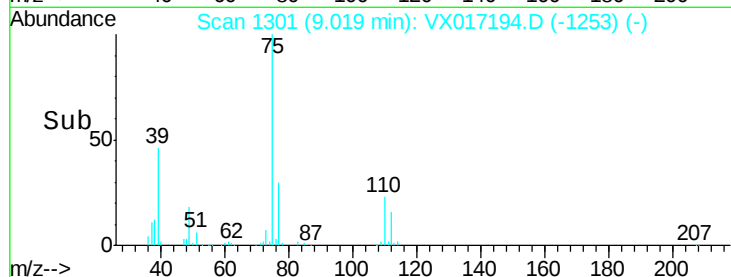
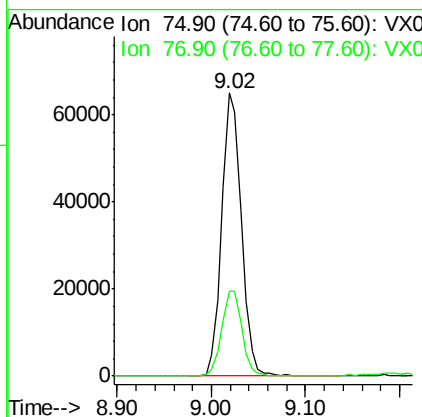
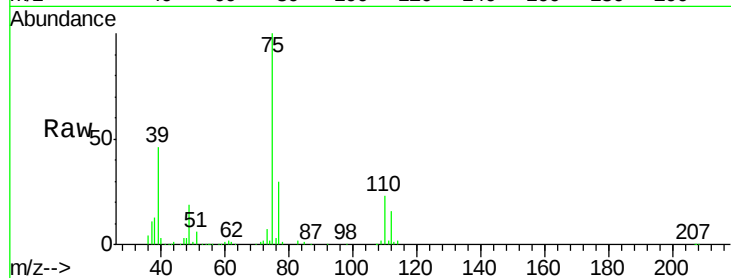
75 100

77 30.0 25.6 38.4

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7/8/2020 9:31:34 AM



#54

cis-1,3-Dichloropropene

Concen: 19.630 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

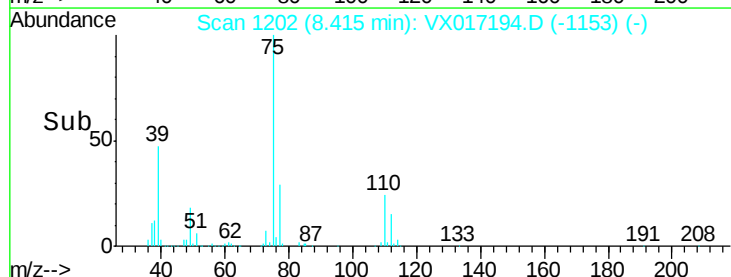
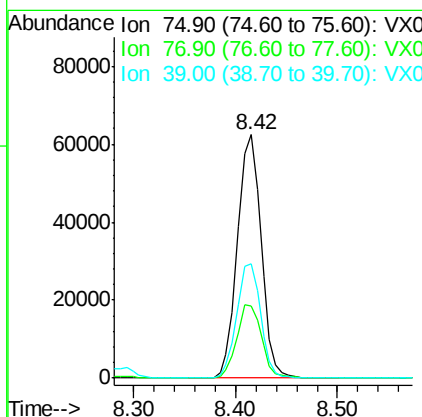
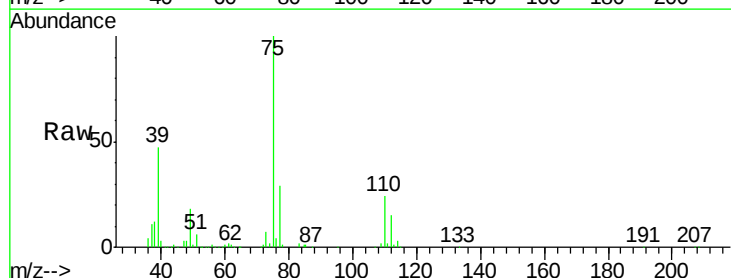
Tgt Ion: 75 Resp: 100412

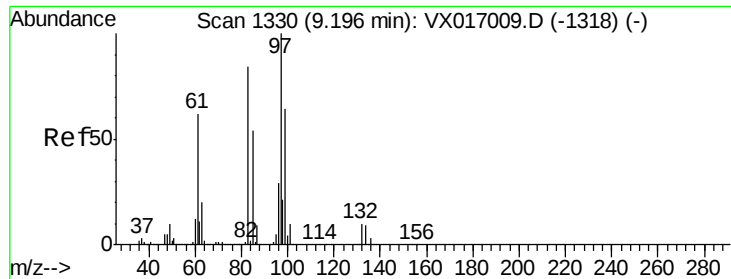
Ion Ratio Lower Upper

75 100

77 29.4 25.2 37.8

39 46.9 37.4 56.2





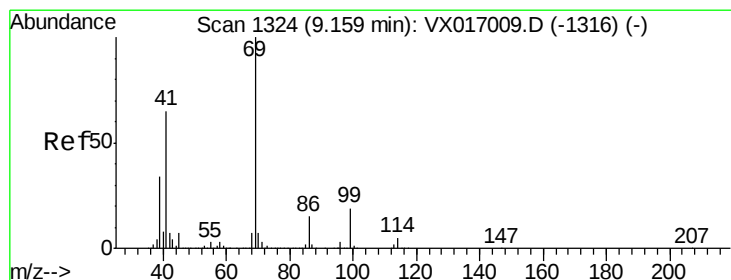
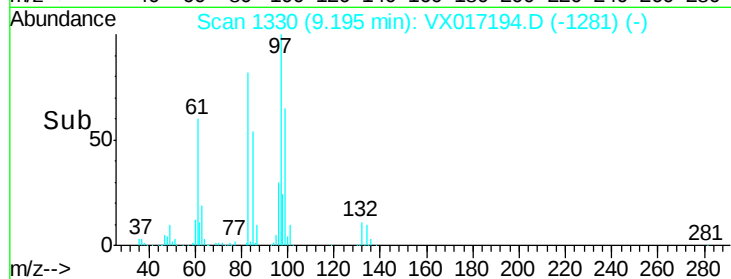
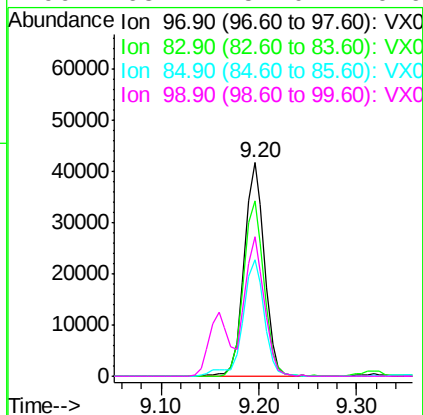
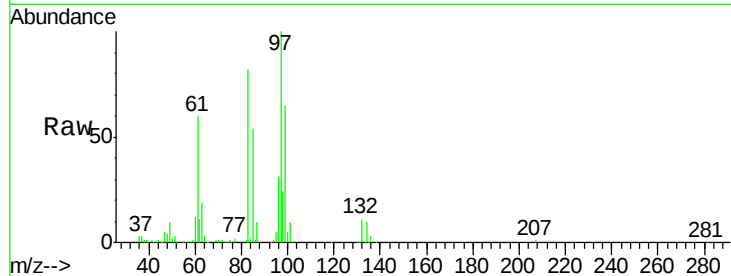
#55
 1,1,2-Trichloroethane
 Concen: 19.665 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion:	97	Resp:	60033
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.0	100.6
85	54.5	43.5	65.3
99	65.1	51.0	76.6

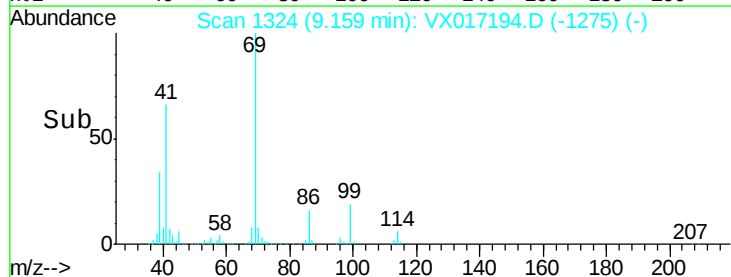
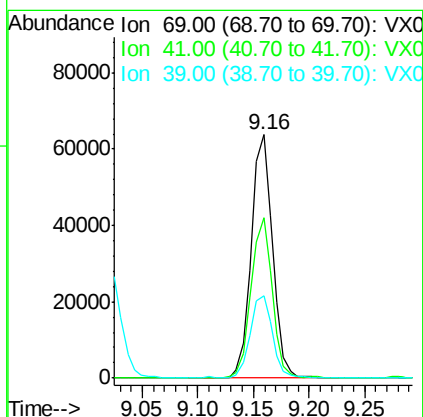
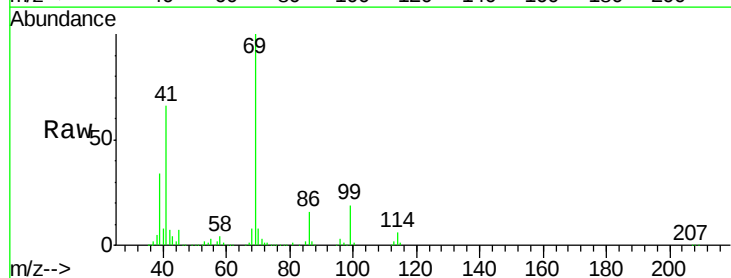
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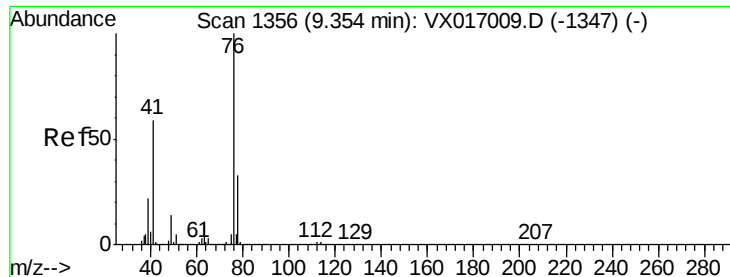
MMDadoda
 7/8/2020 9:31:34 AM



#56
 Ethyl methacrylate
 Concen: 19.604 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion:	69	Resp:	85185
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.6	80.4
39	35.5	28.2	42.2





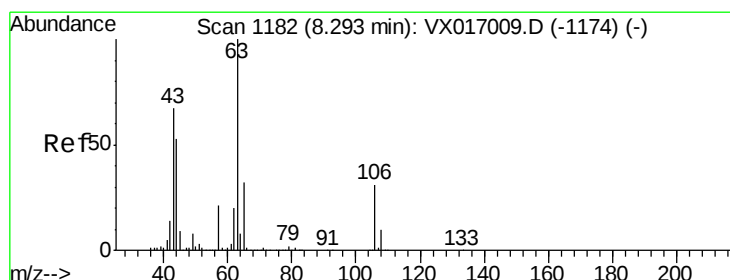
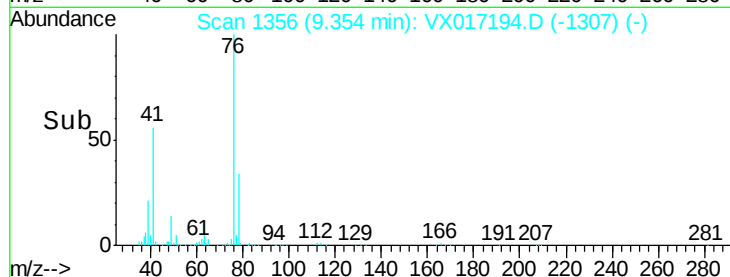
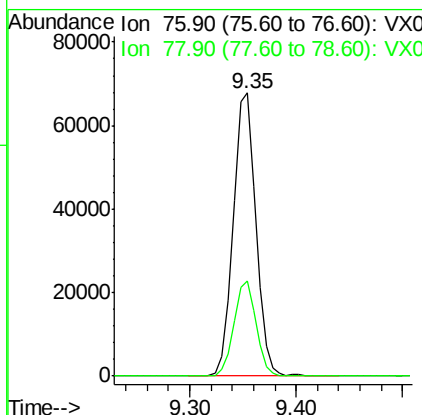
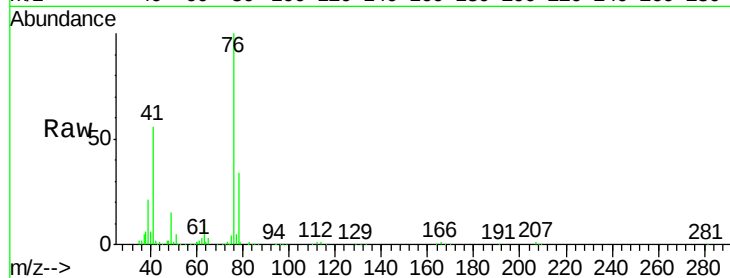
#57
 1,3-Dichloropropane
 Concen: 19.659 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.9	38.9

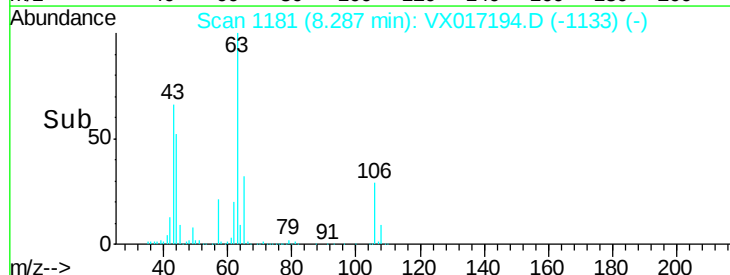
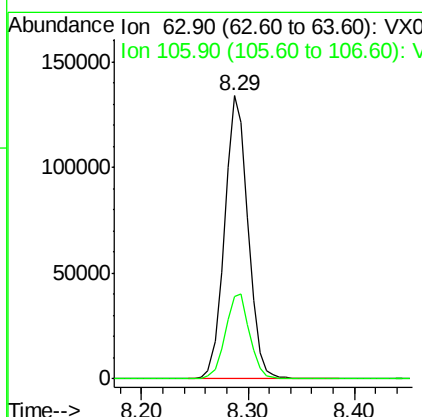
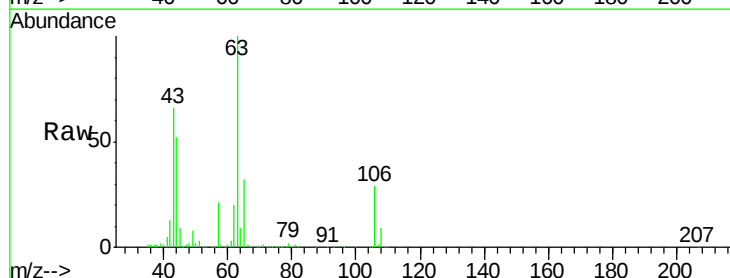
Manual Integrations
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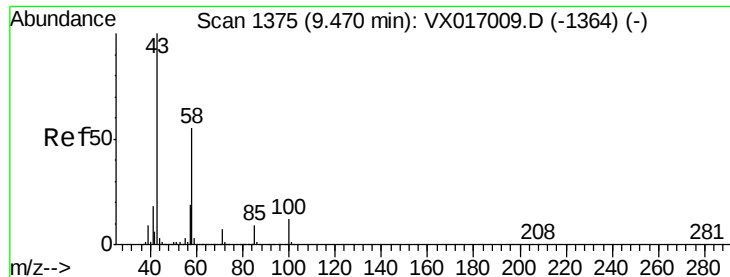
MMDadoda
 7/8/2020 9:31:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.203 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.0	36.0





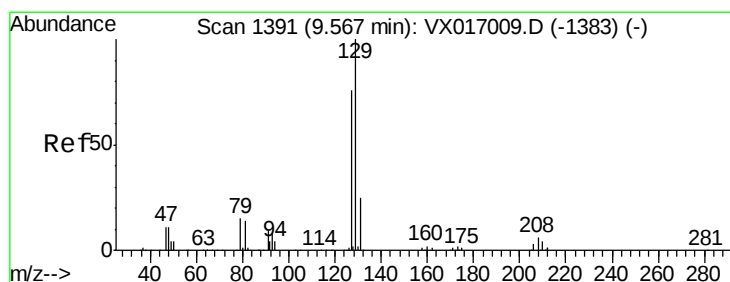
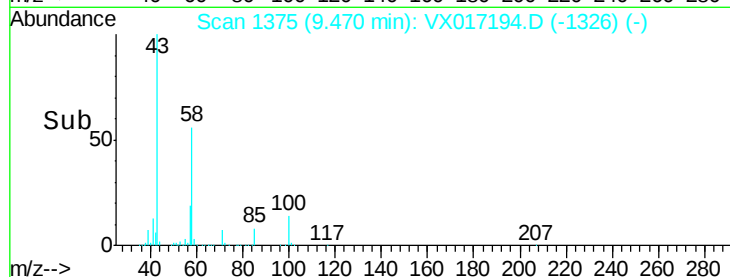
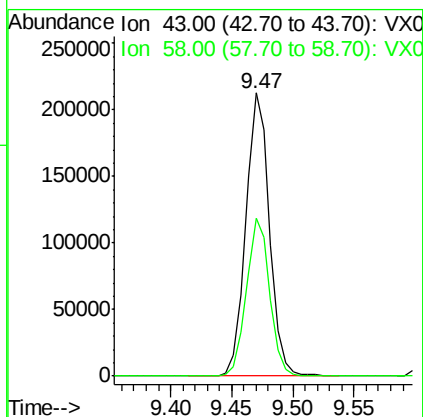
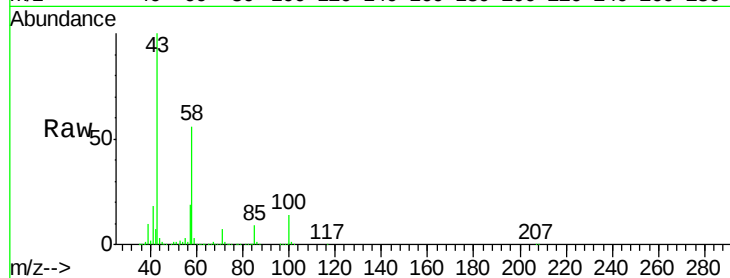
#59
2-Hexanone
Concen: 95.108 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.9	83.6

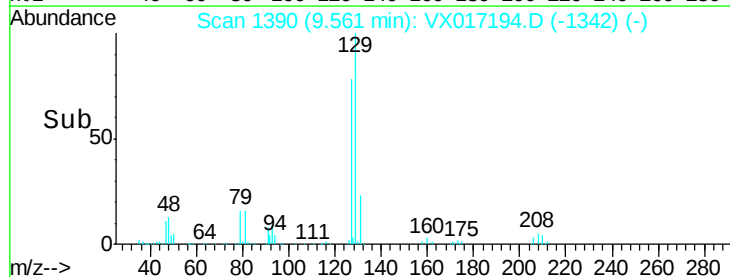
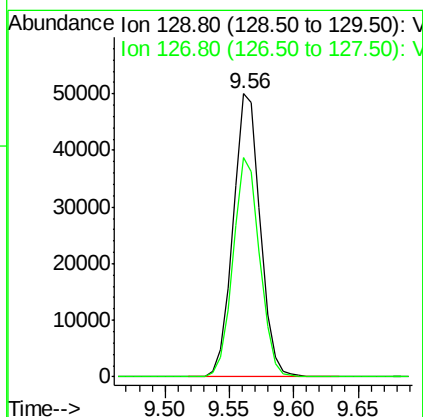
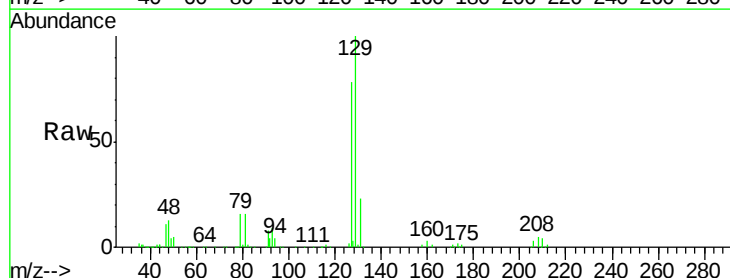
Manual Integrations
APPROVED

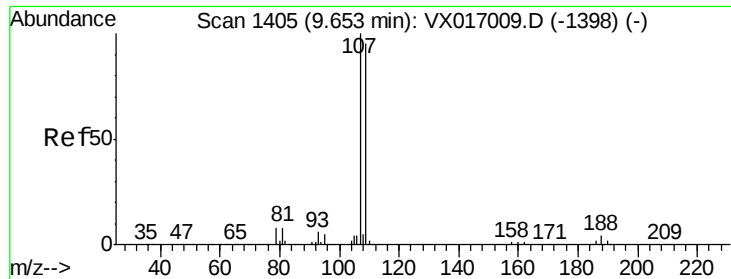
MMDadoda
7/8/2020 9:31:34 AM



#60
Dibromochloromethane
Concen: 20.676 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.9	116.7





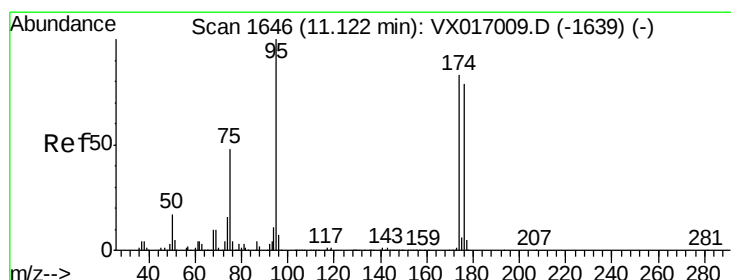
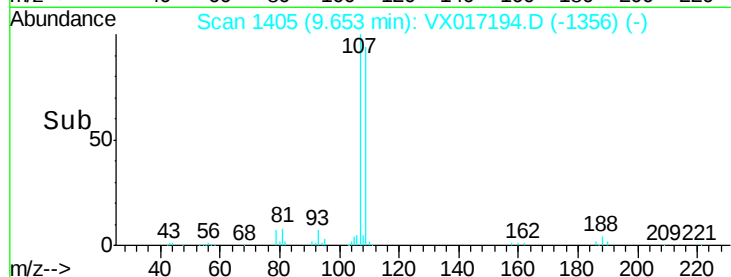
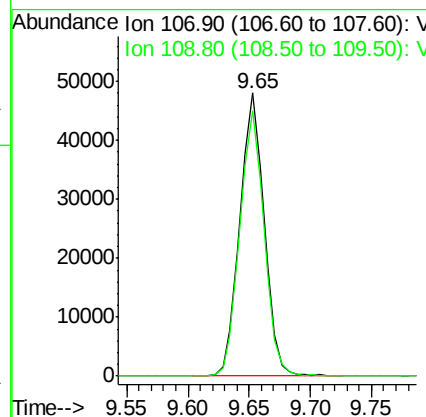
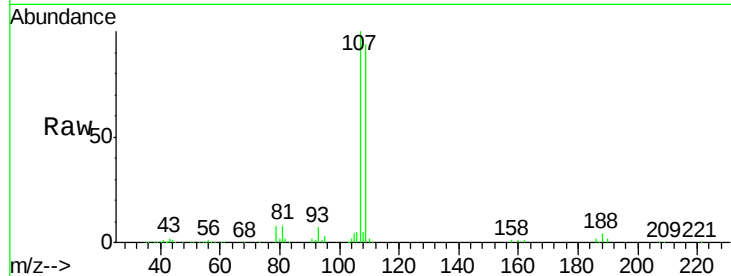
#61
 1,2-Dibromoethane
 Concen: 20.143 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion:107 Resp: 66099
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.8

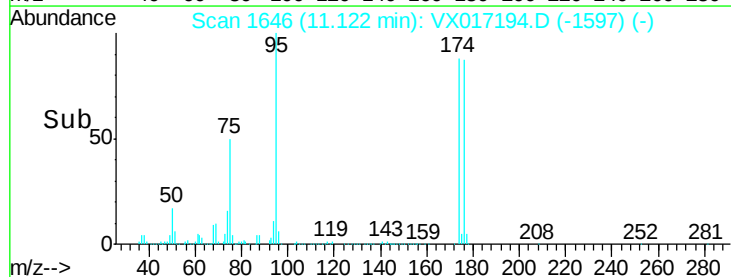
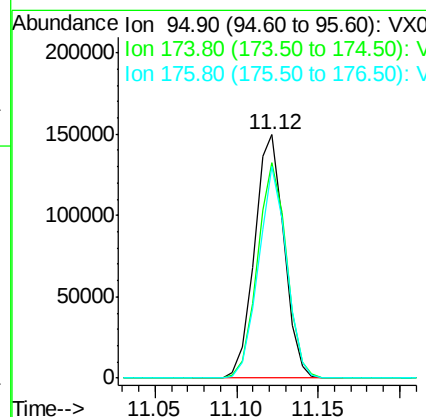
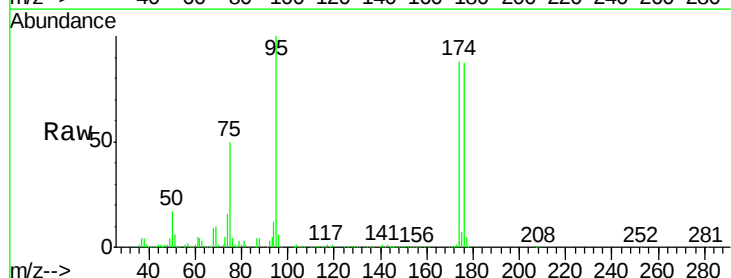
Manual Integrations
 APPROVED

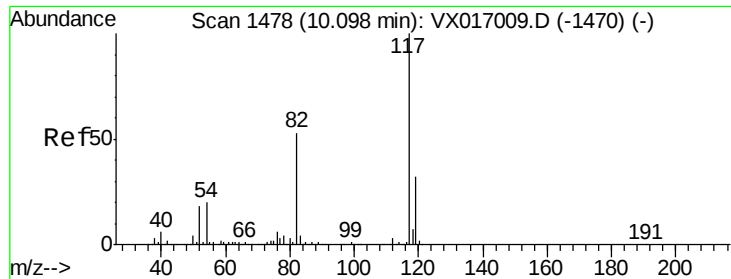
MMDadoda
 7/8/2020 9:31:34 AM



#62
 4-Bromofluorobenzene
 Concen: 47.810 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion: 95 Resp: 188406
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 164.0
 176 82.9 0.0 157.6





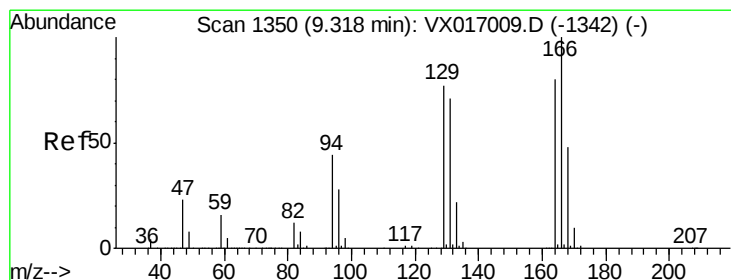
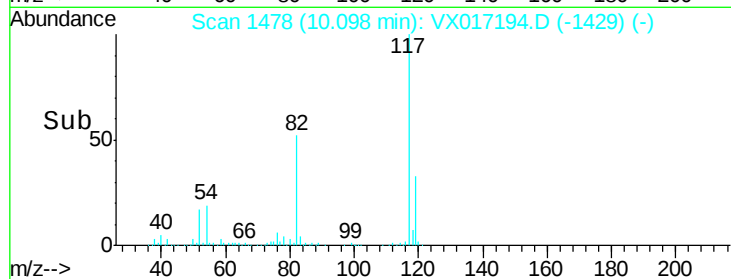
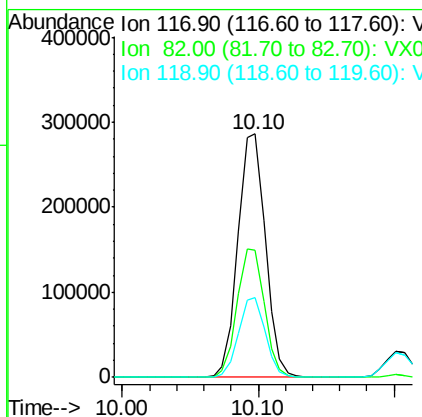
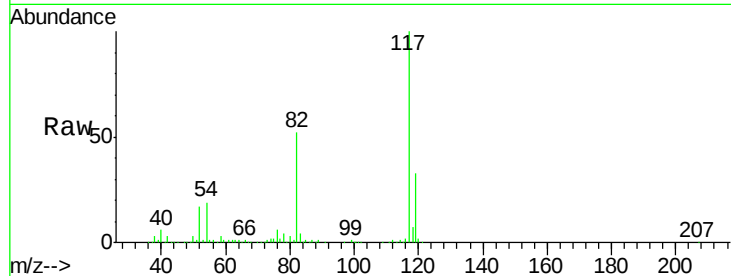
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404451		
82	52.3		42.6	63.8
119	32.7		25.4	38.2

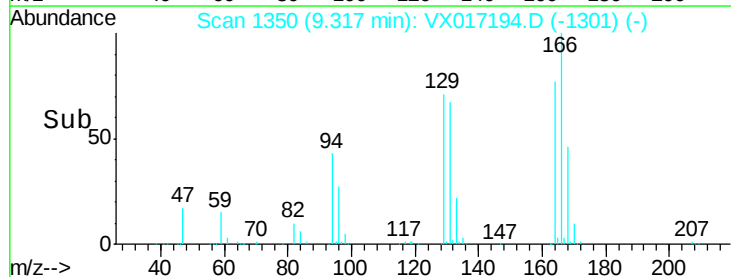
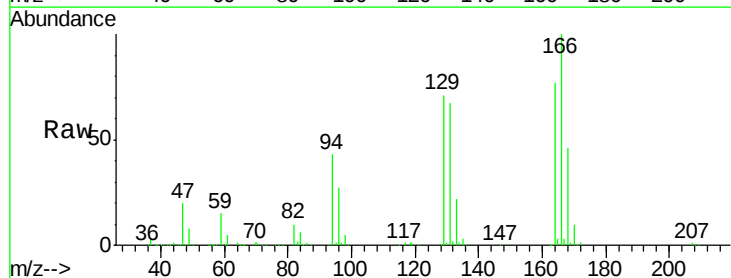
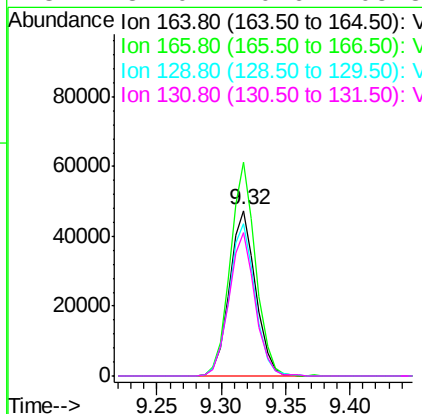
Manual Integrations
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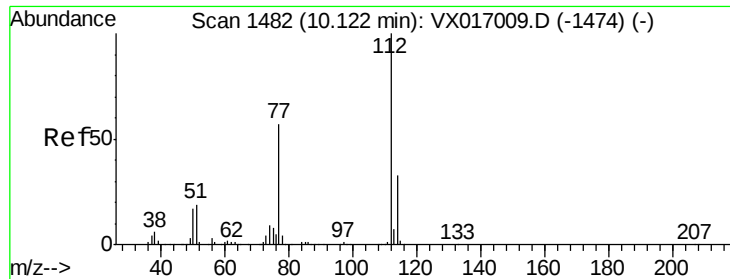
MMDadoda
7/8/2020 9:31:34 AM



#64
Tetrachloroethene
Concen: 20.649 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67403		
166	129.1		99.4	149.0
129	91.8		76.3	114.5
131	87.0		70.6	105.8





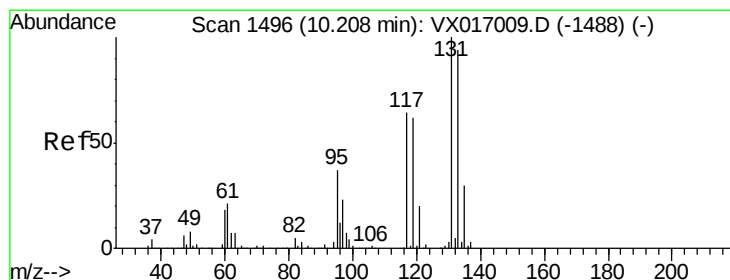
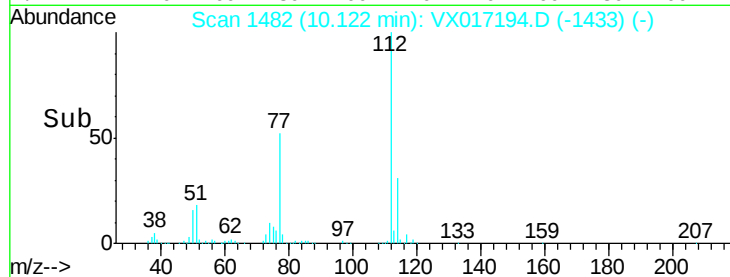
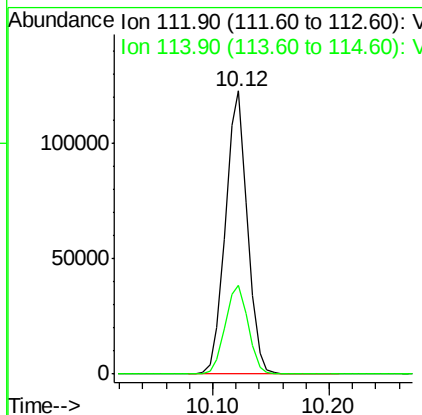
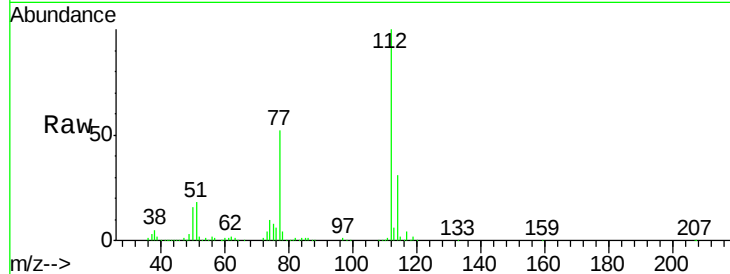
#65
Chlorobenzene
Concen: 19.122 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion:112 Resp: 159623
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4

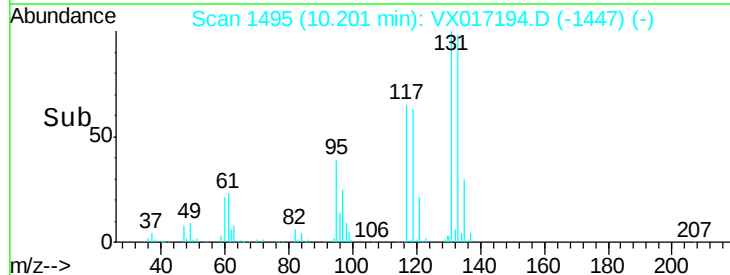
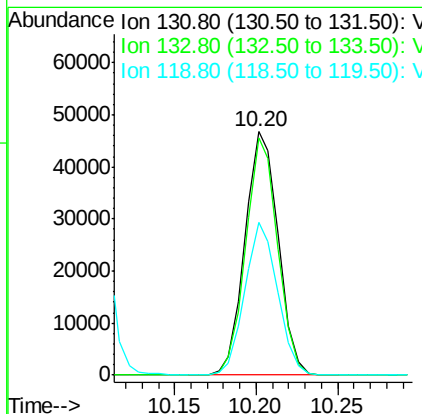
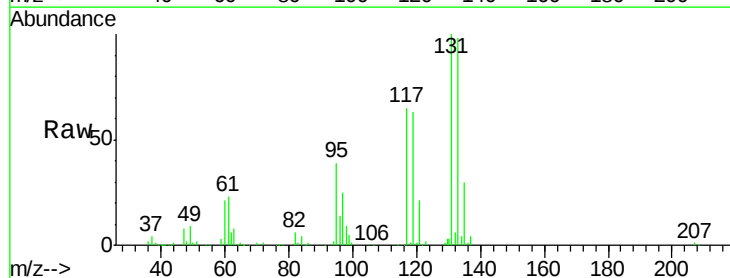
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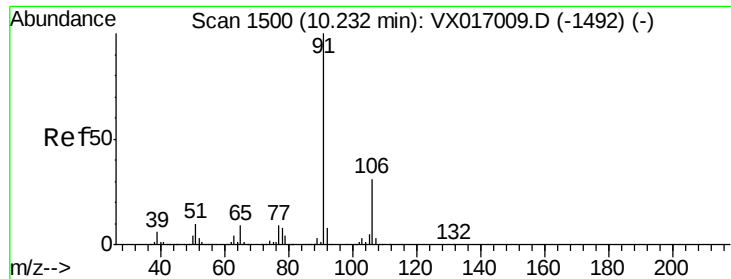
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.626 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion:131 Resp: 66354
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 62.1 31.9 95.5





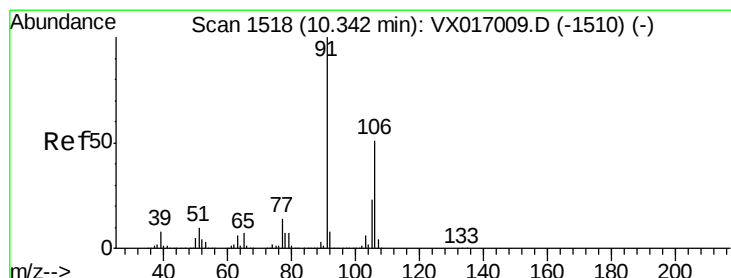
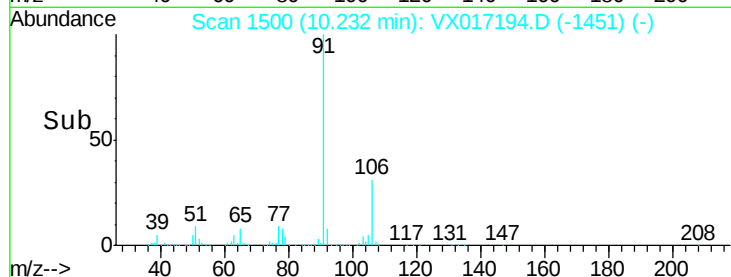
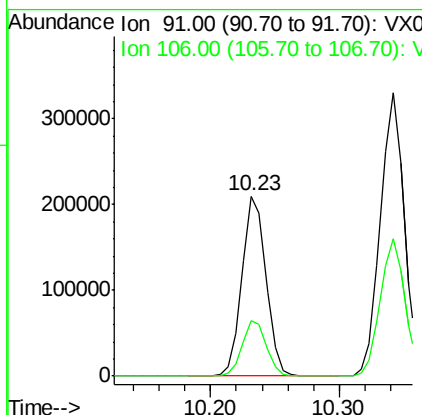
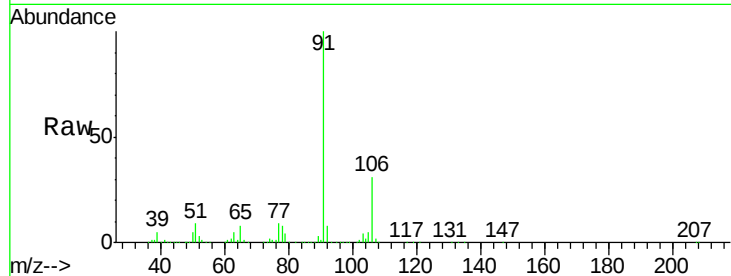
#67
Ethyl Benzene
Concen: 19.433 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampled :
VX0707WBSD01

Tot Ion: 91 Resp: 270908
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1

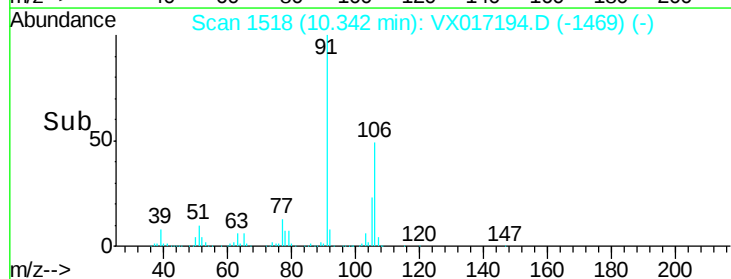
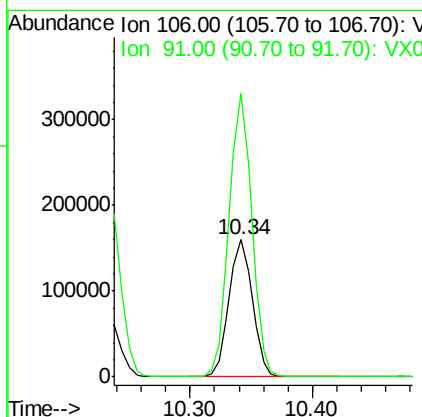
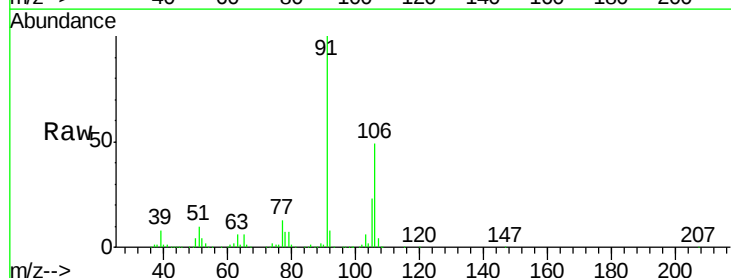
Manual Integrations
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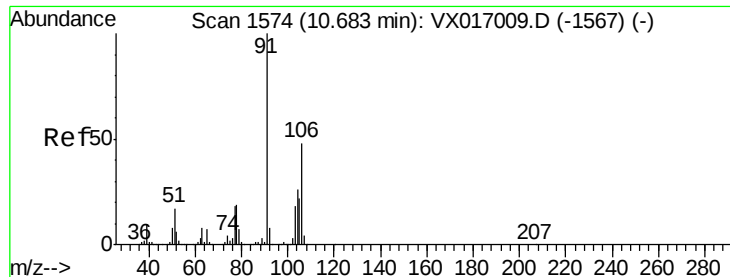
MMDadoda
7/8/2020 9:31:34 AM



#68
m/p-Xylenes
Concen: 39.698 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion: 106 Resp: 212492
Ion Ratio Lower Upper
106 100
91 200.6 158.6 238.0





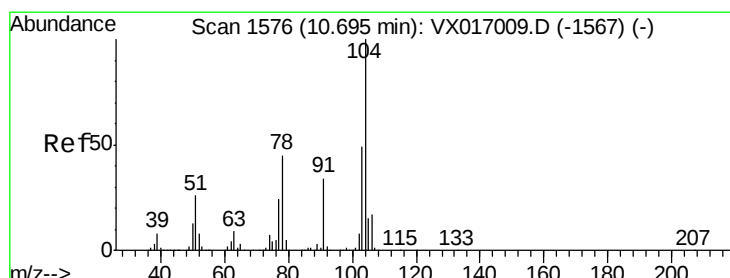
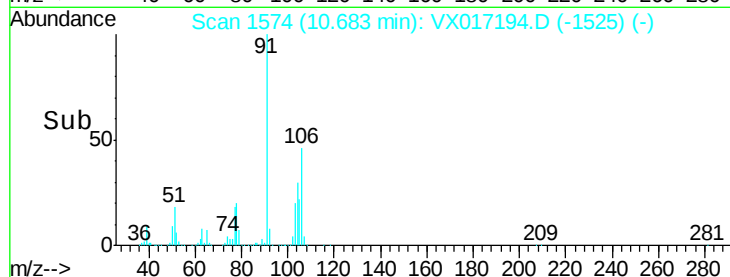
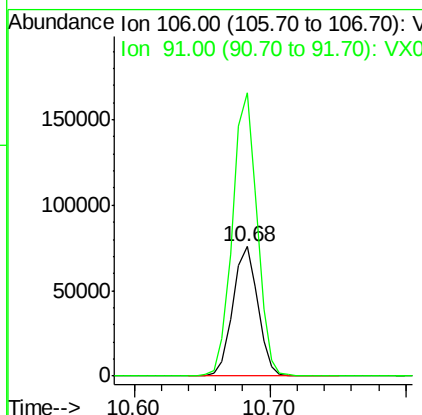
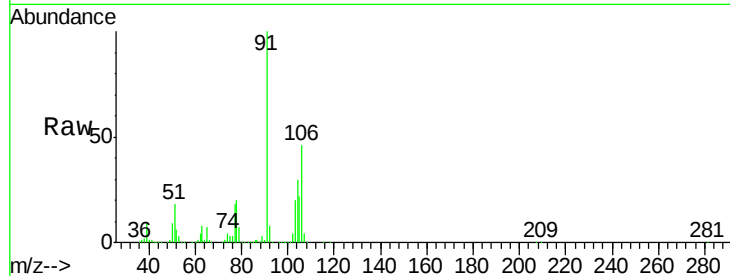
#69
o-Xylene
Concen: 19.119 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.4	105.6	316.7	

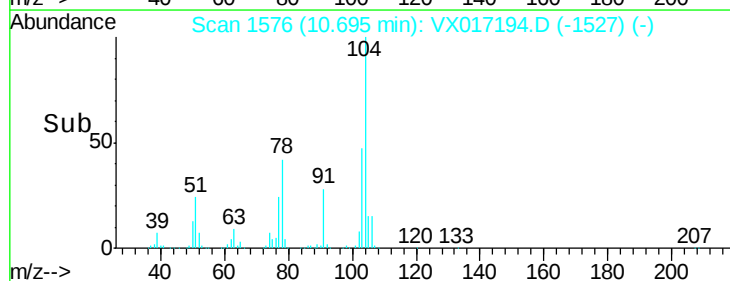
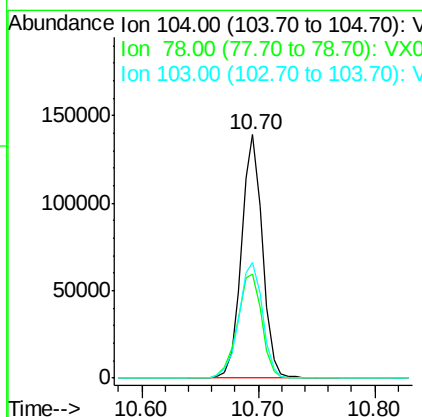
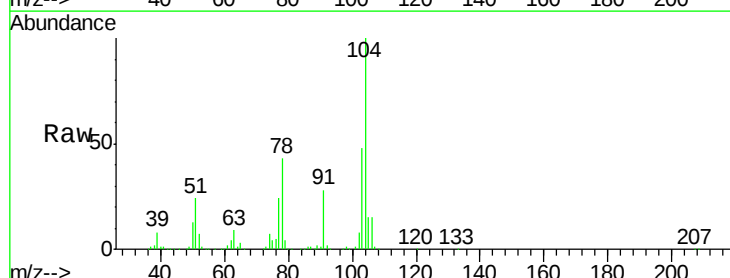
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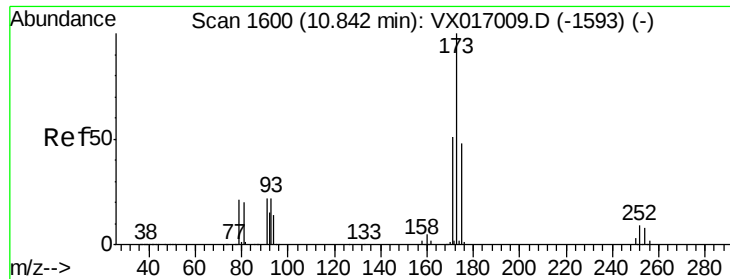
MMDadoda
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#70
Styrene
Concen: 20.146 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.6	39.5	59.3	
103	54.1	43.0	64.6	





#71

Bromoform

Concen: 20.929 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

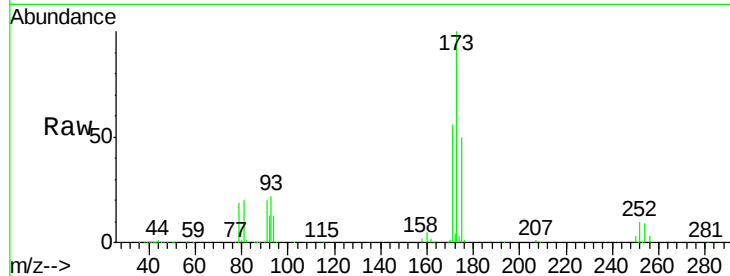
ClientSampleId :

VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.5	73.5
254	0.0	0.1	0.1

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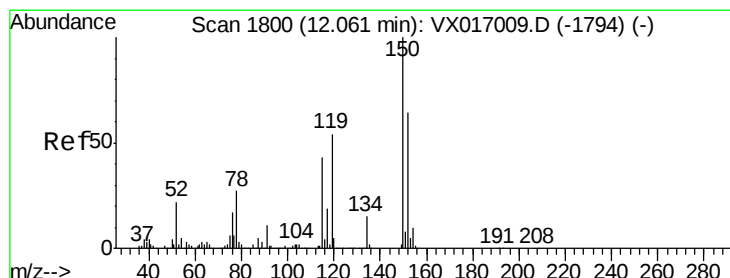
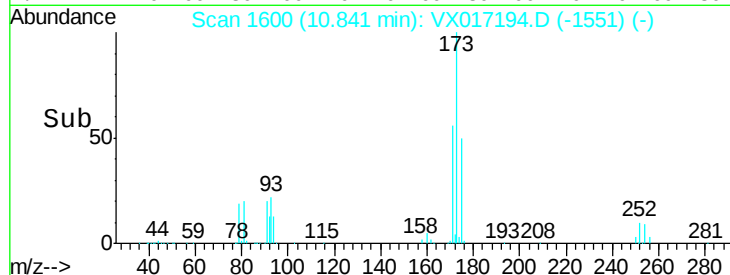
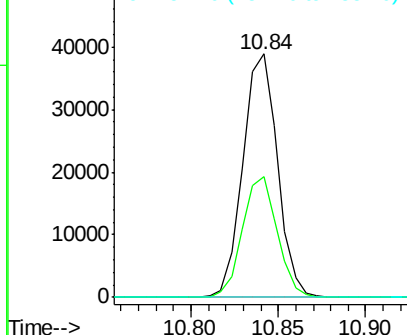


Abundance

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

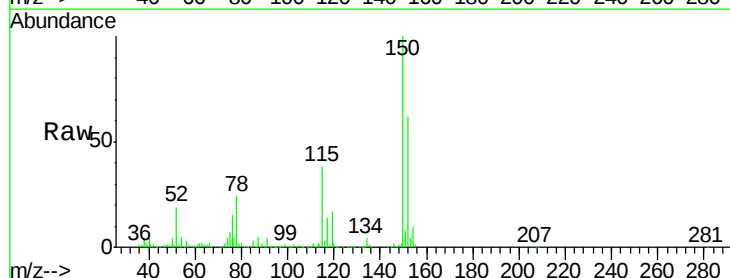
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	40.9	122.7
150	162.7	0.0	351.6

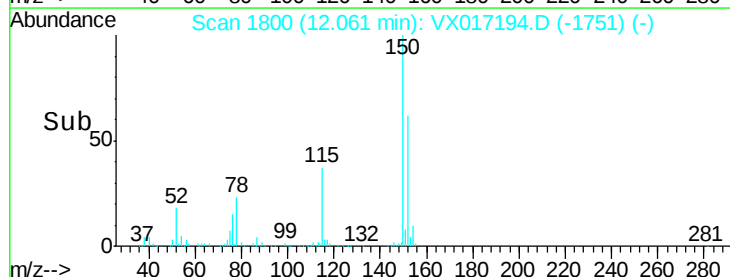
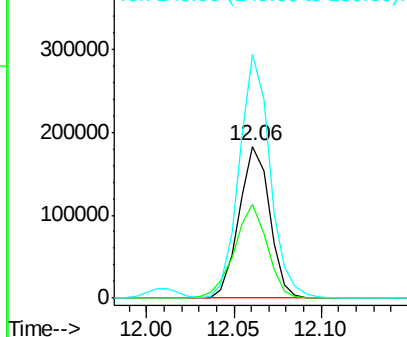


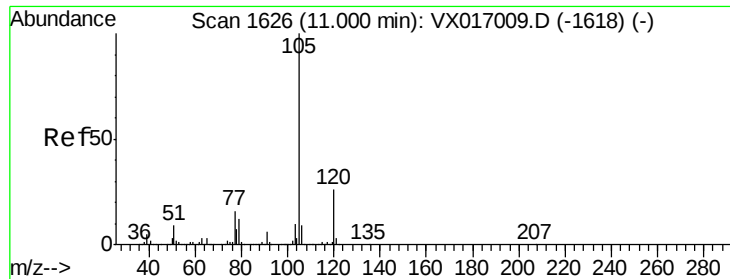
Abundance

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: 18.501 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion: 105 Resp: 269613

Ion Ratio Lower Upper

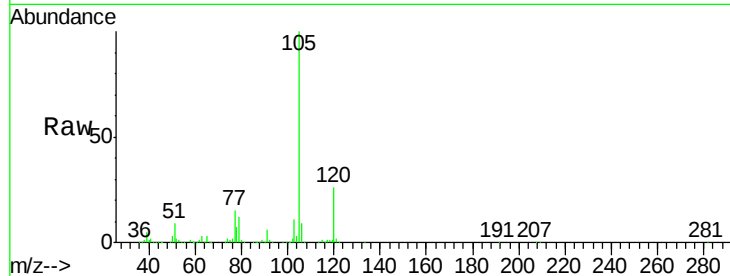
105 100

120 26.9 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

11.00

250000

200000

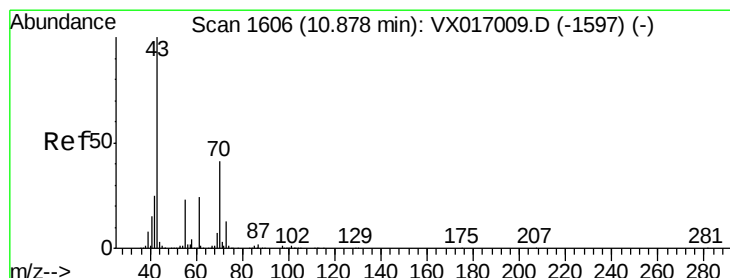
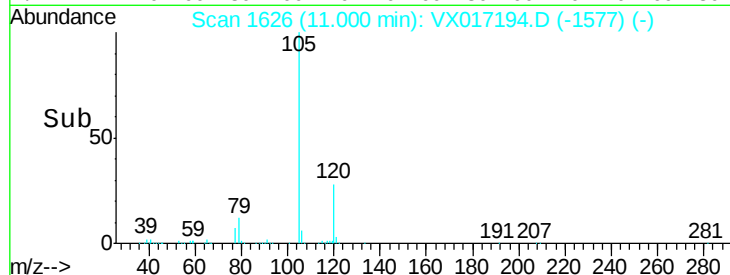
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.070 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion: 43 Resp: 106146

Ion Ratio Lower Upper

43 100

70 43.4 34.2 51.2

55 26.3 19.2 28.8

61 25.0 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

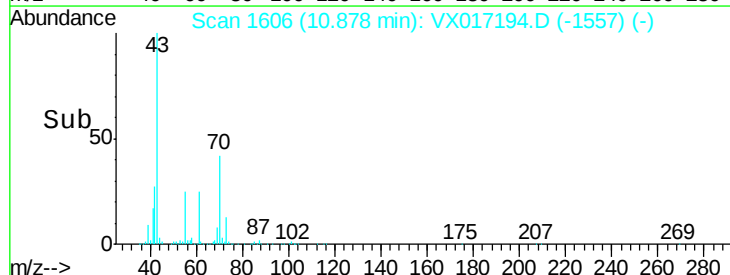
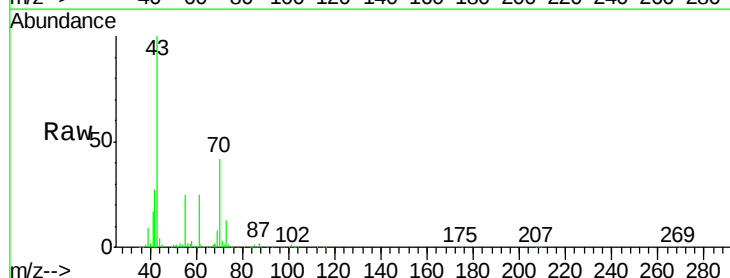
Ion 61.00 (60.70 to 61.70): VX0

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.472 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

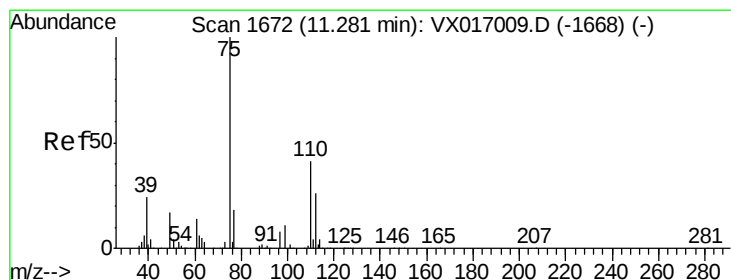
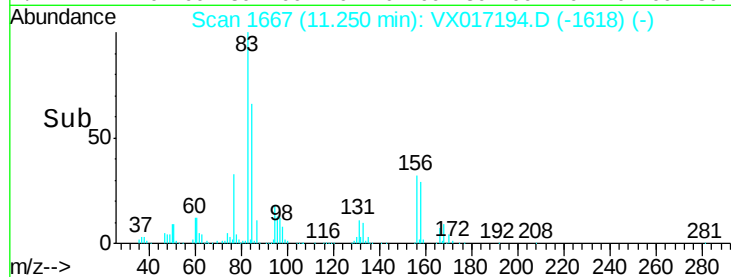
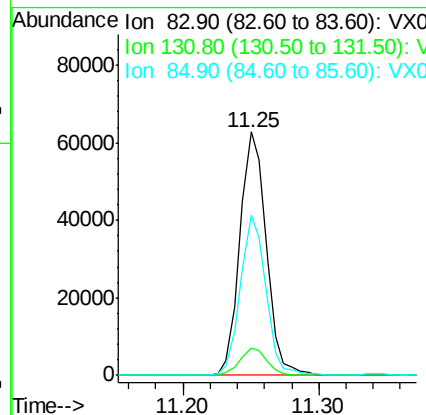
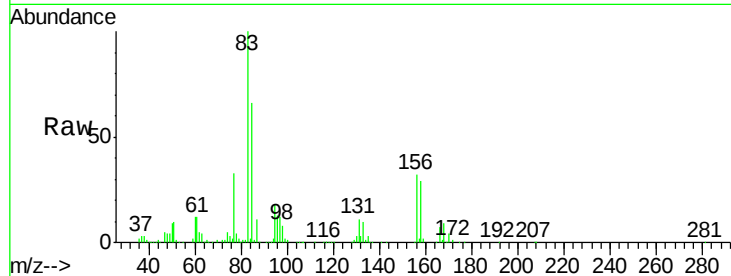
ClientSampleId :

VX0707WBSD01

Tot Ion:	83	Resp:	84679
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.4	16.2
85	64.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.858 ug/l m

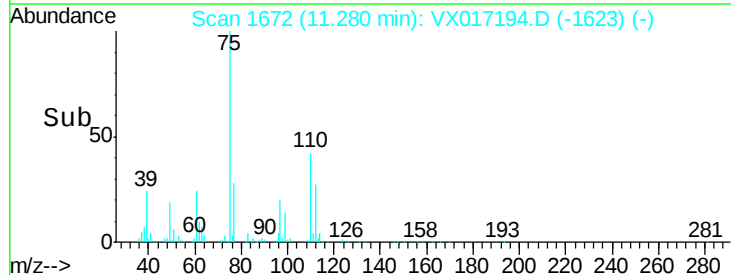
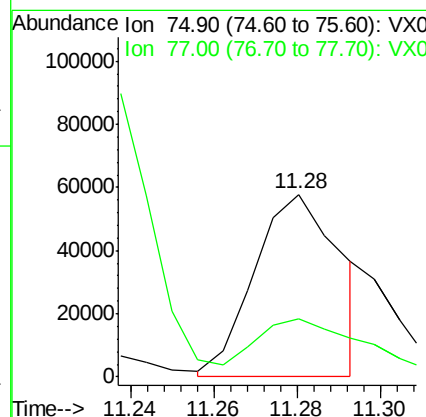
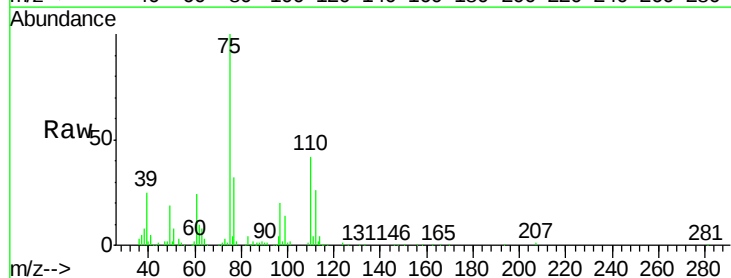
RT: 11.28 min Scan# 1672

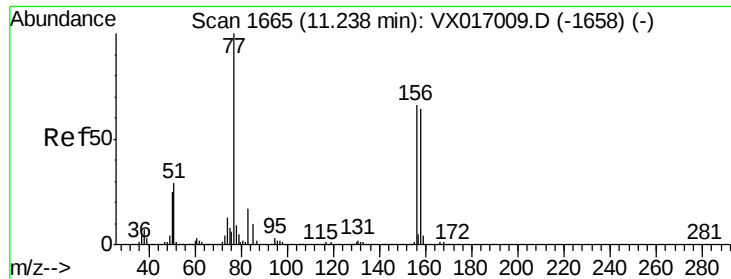
Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Tgt Ion:	75	Resp:	82504
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.2	60.6





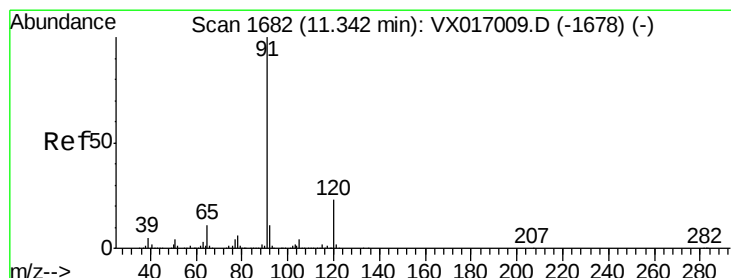
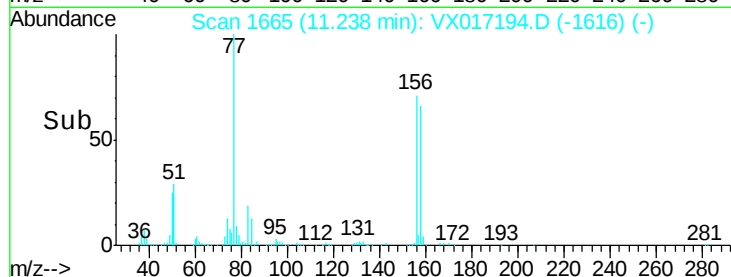
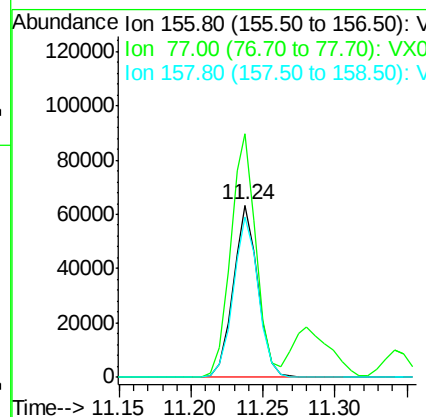
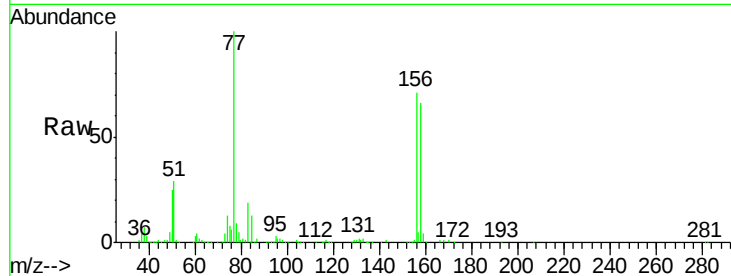
#77
Bromobenzene
Concen: 18.999 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	146.7	76.9	230.7	
158	94.8	47.9	143.6	

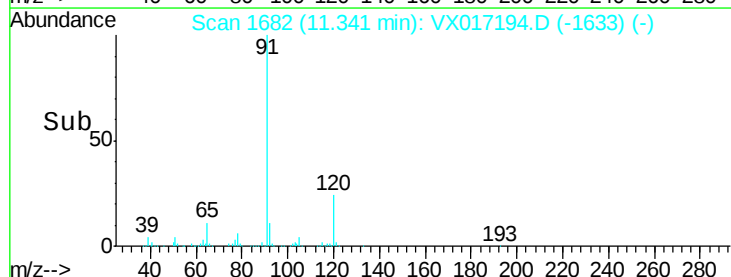
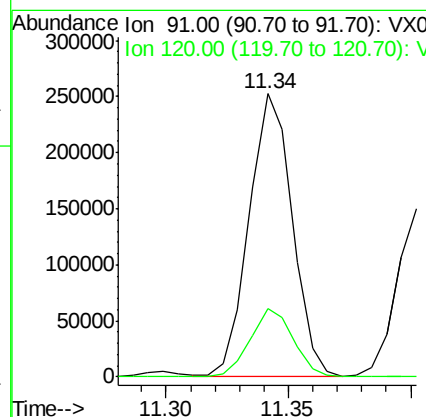
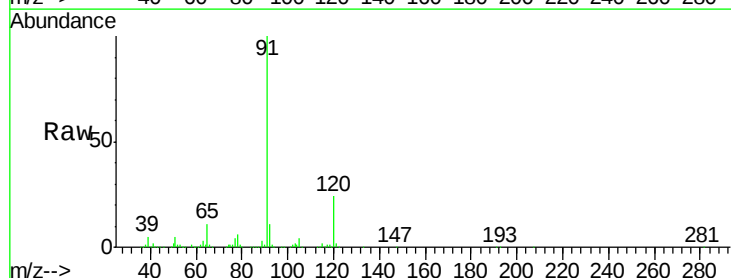
Manual Integrations
APPROVED

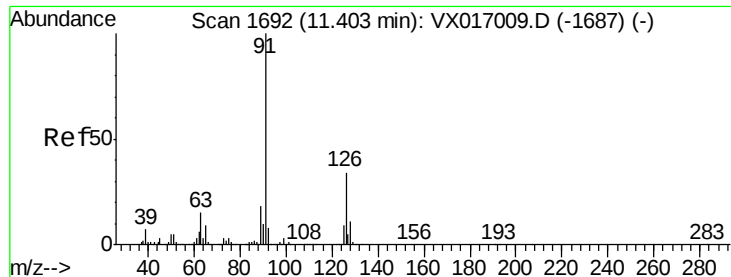
MMDadoda
7/8/2020 9:31:34 AM



#78
n-propylbenzene
Concen: 18.696 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	11.9	35.9	





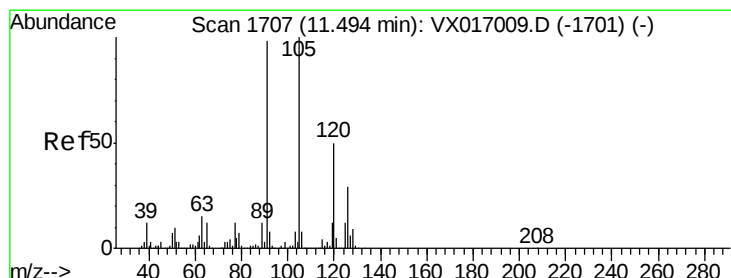
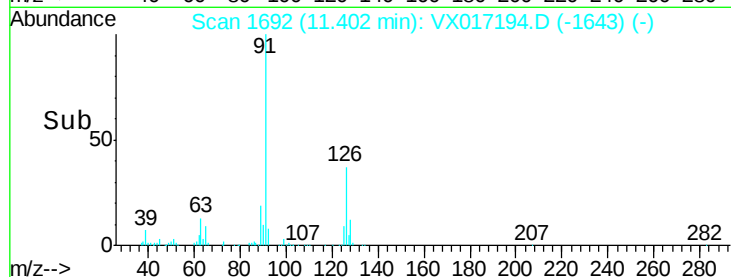
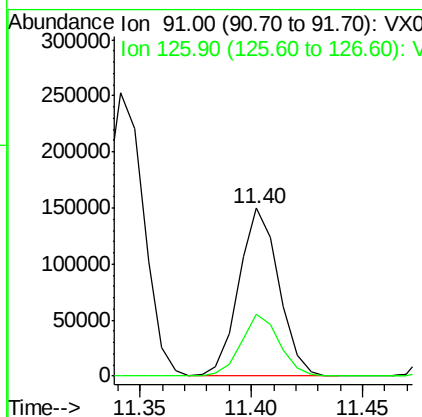
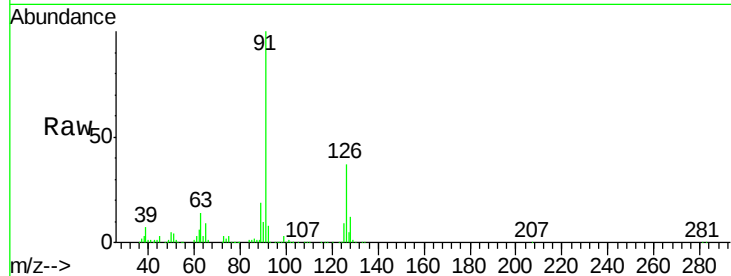
#79
 2-Chlorotoluene
 Concen: 18.680 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.4	52.3

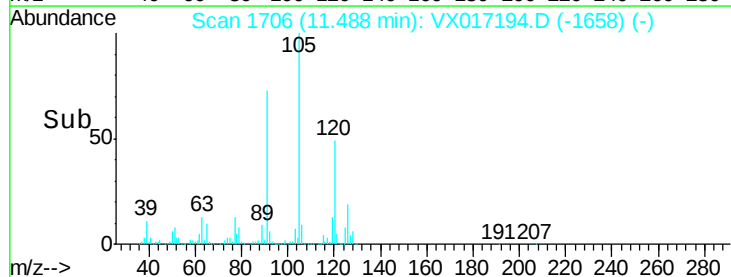
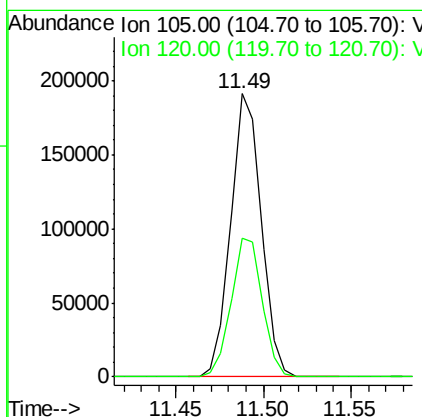
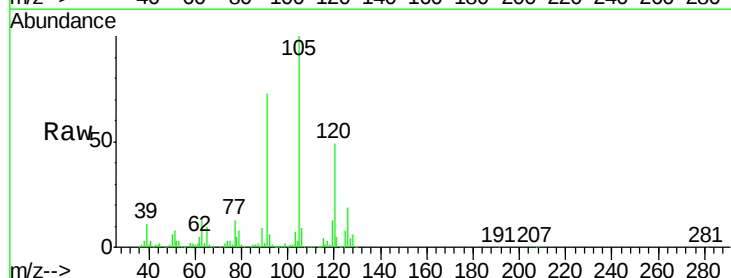
Manual Integrations
 APPROVED

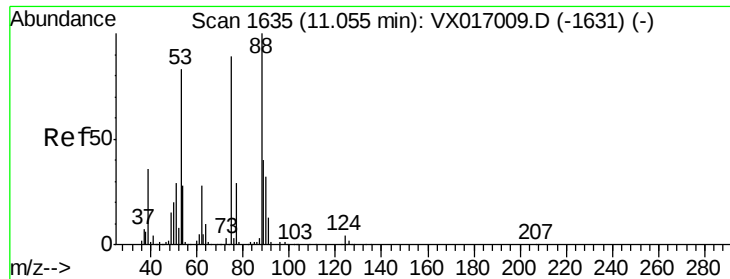
MMDadoda
 7/8/2020 9:31:34 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.219 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.623 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion: 75 Resp: 29773

Ion Ratio Lower Upper

75 100

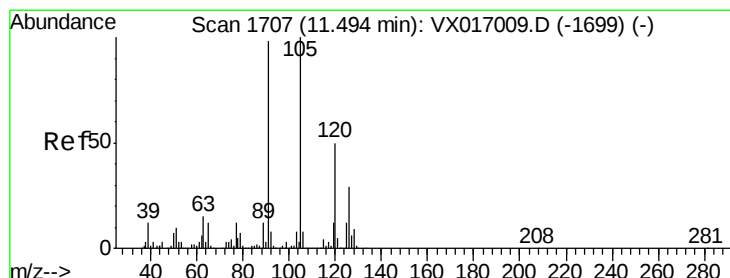
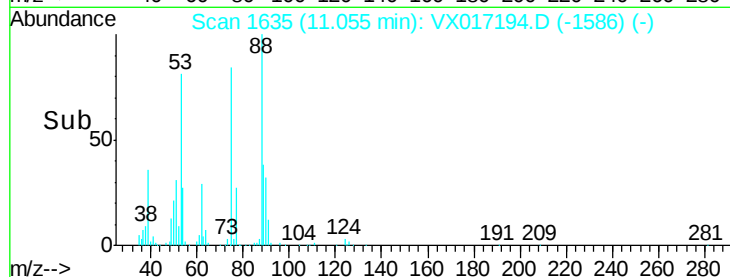
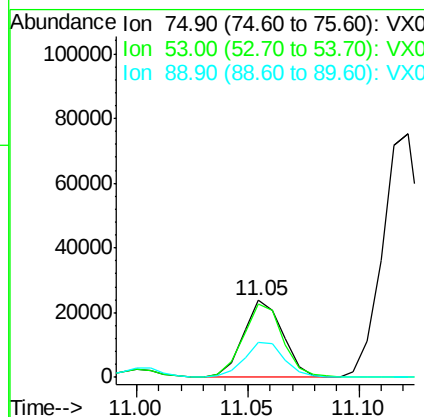
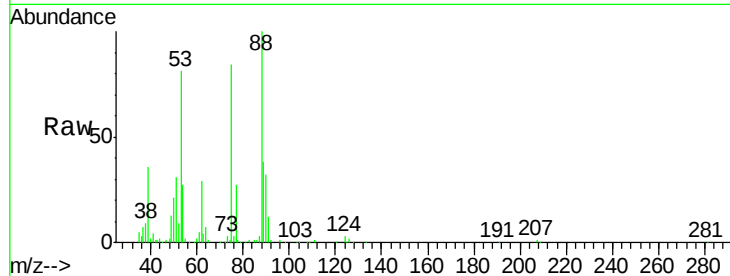
53 94.9 72.4 108.6

89 45.3 37.0 55.4

Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:31:34 AM



#82

4-Chlorotoluene

Concen: 18.967 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017194.D

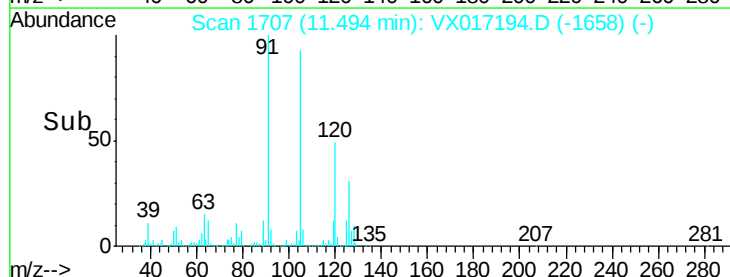
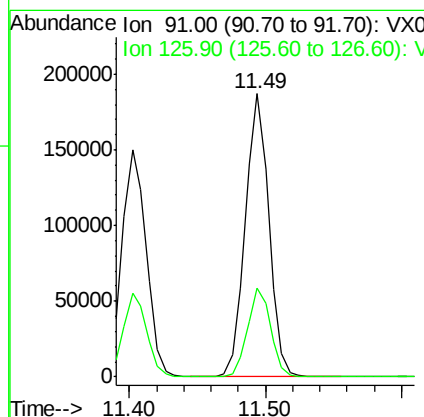
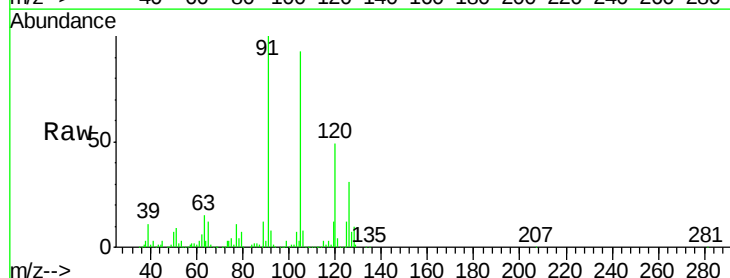
Acq: 07 Jul 2020 11:41

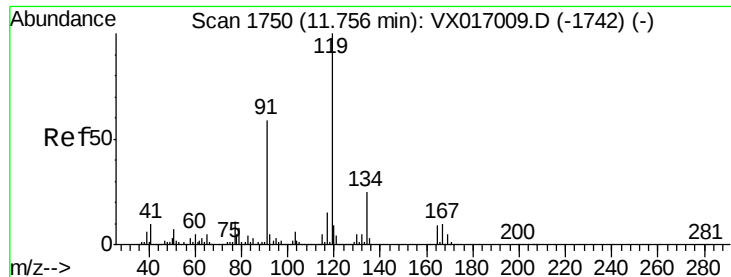
Tgt Ion: 91 Resp: 226144

Ion Ratio Lower Upper

91 100

126 30.9 15.2 45.5





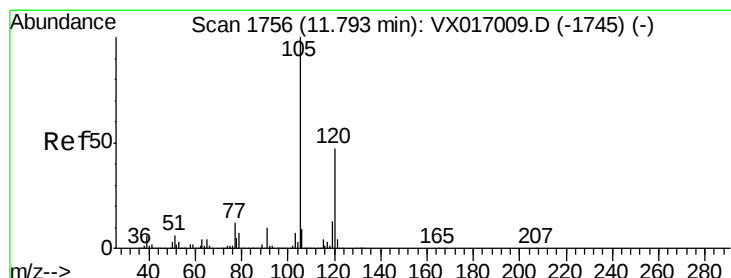
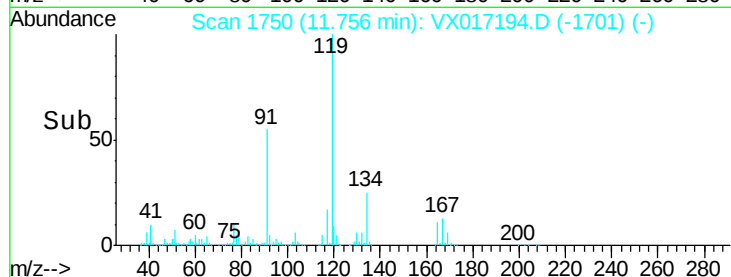
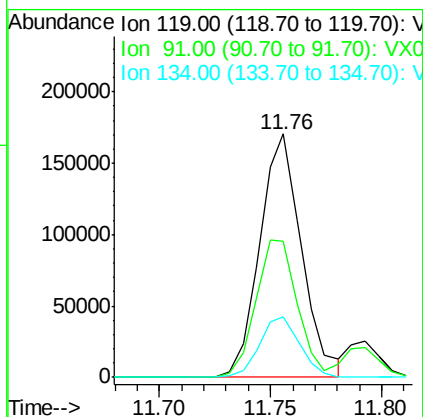
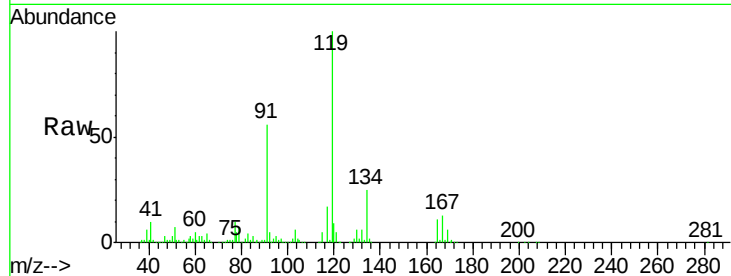
#83
tert-Butylbenzene
Concen: 18.776 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222808		
91	55.6	28.3	84.9	
134	23.9	11.7	35.1	

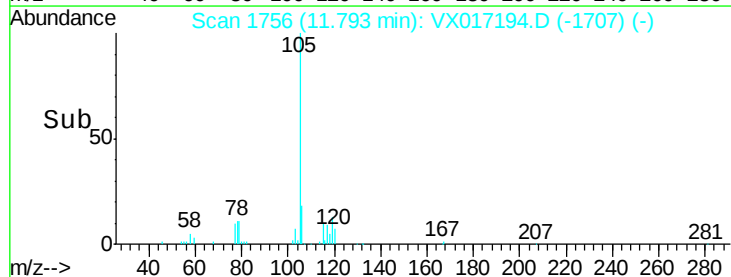
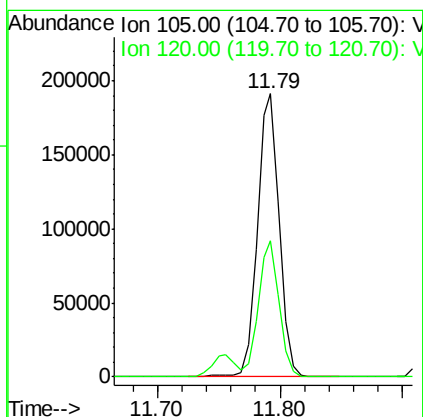
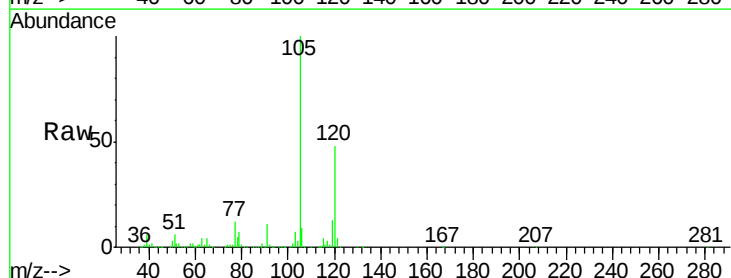
Manual Integrations
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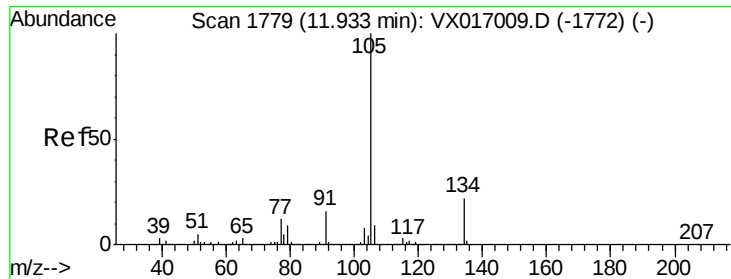
MMDadoda
7/8/2020 9:31:34 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.365 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237481		
120	45.8	22.9	68.5	





#85

sec-Butylbenzene

Concen: 18.601 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD01

Tot Ion:105 Resp: 259450

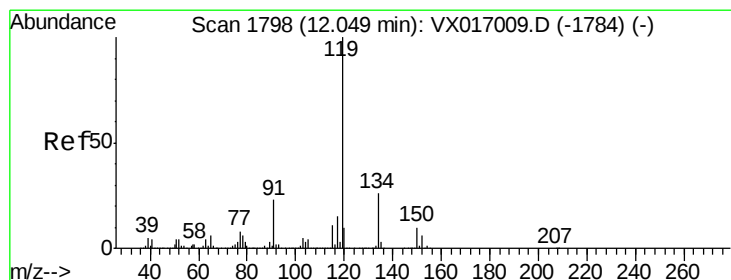
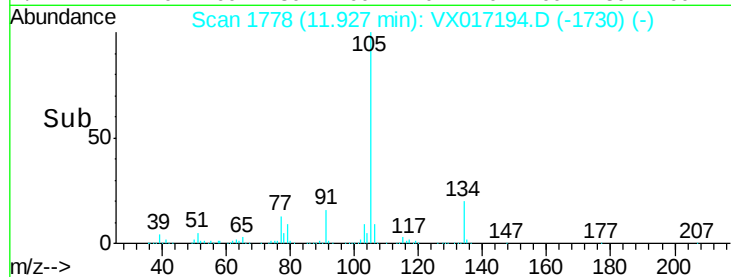
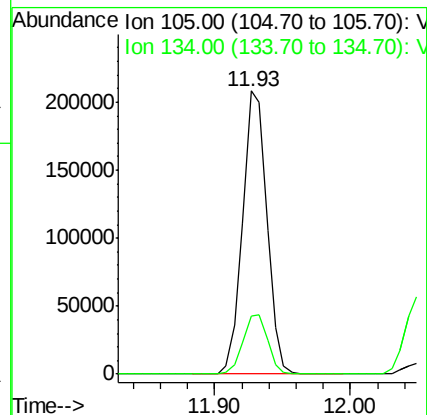
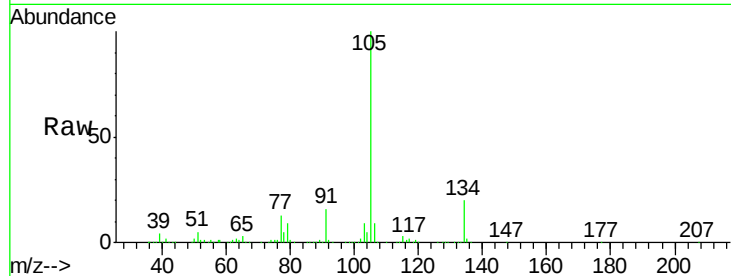
Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.076 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017194.D

Acq: 07 Jul 2020 11:41

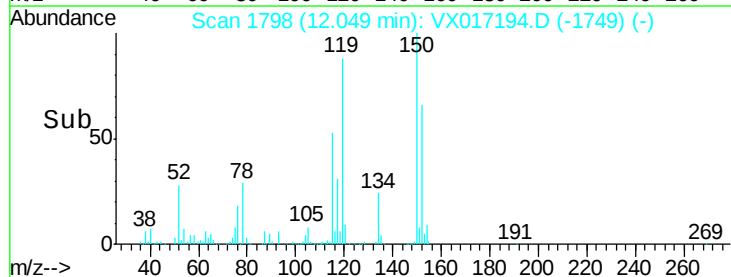
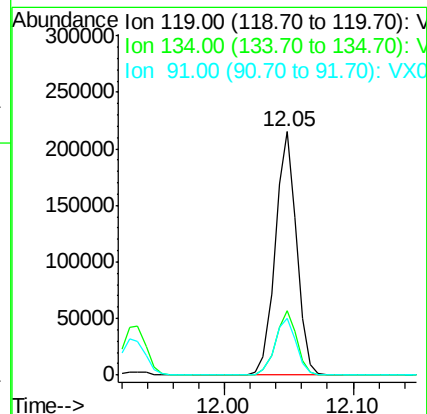
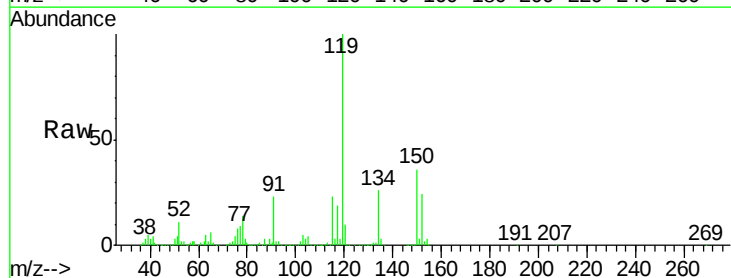
Tgt Ion:119 Resp: 247707

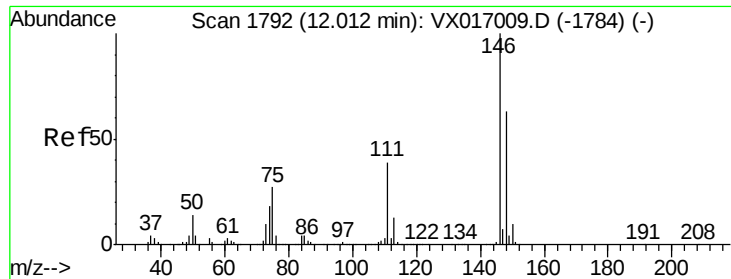
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 24.0 11.8 35.4





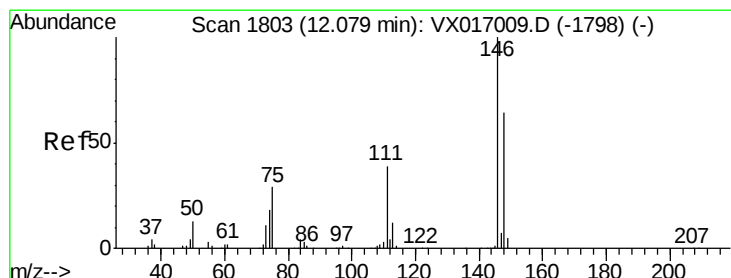
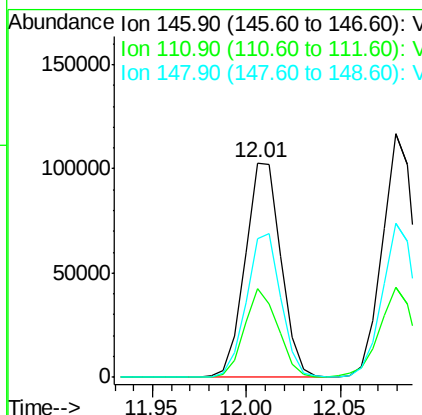
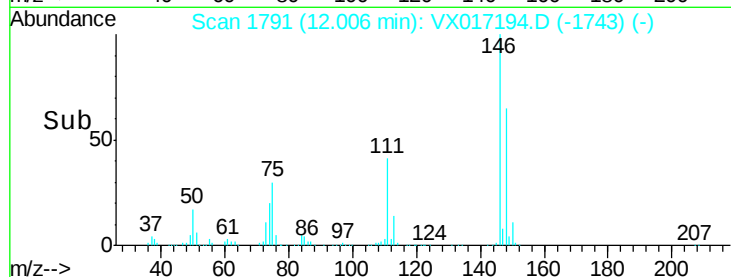
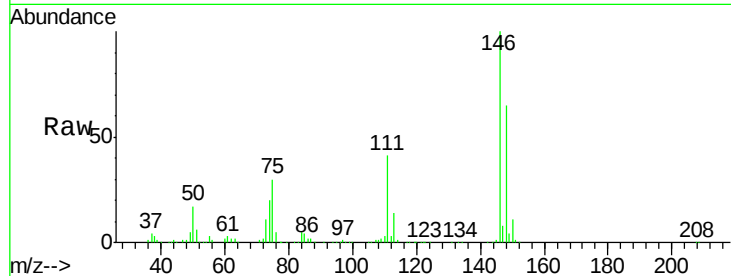
#87
 1,3-Dichlorobenzene
 Concen: 18.561 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.4	61.2
148	64.9	32.5	97.5

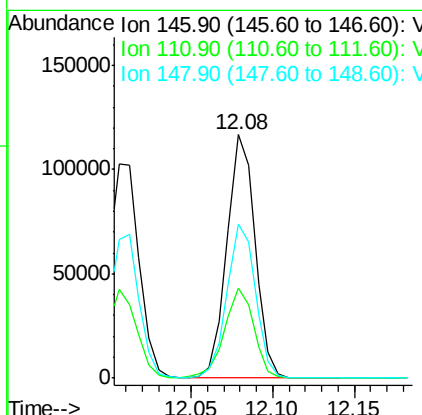
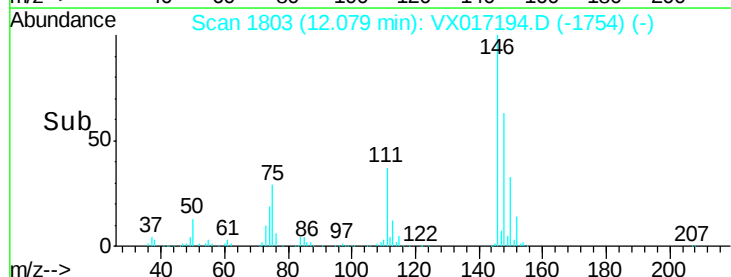
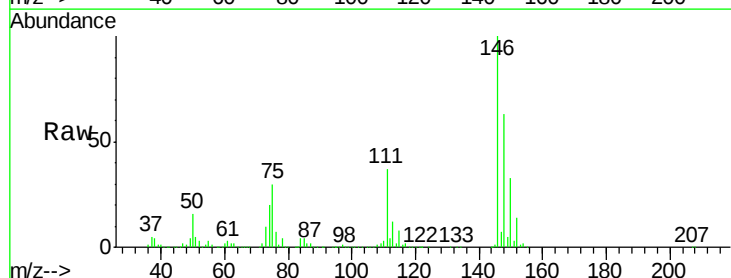
Manual Integrations
 APPROVED

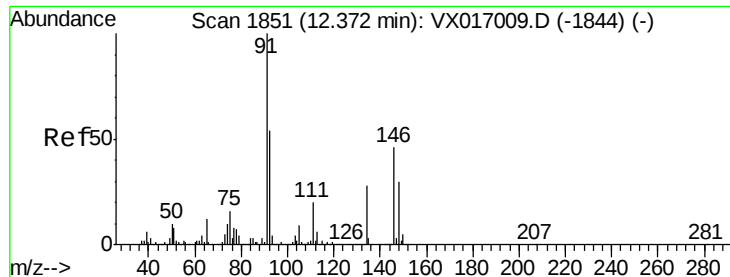
MMDadoda
 7/8/2020 9:31:34 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.354 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.3	31.9	95.7





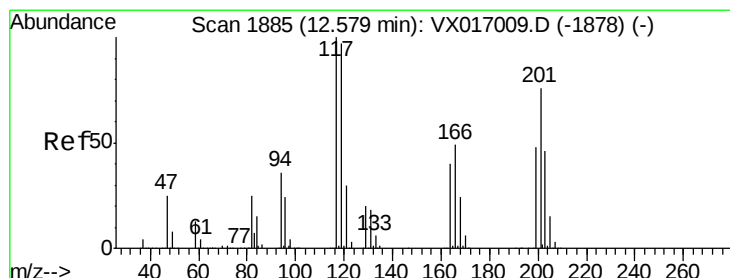
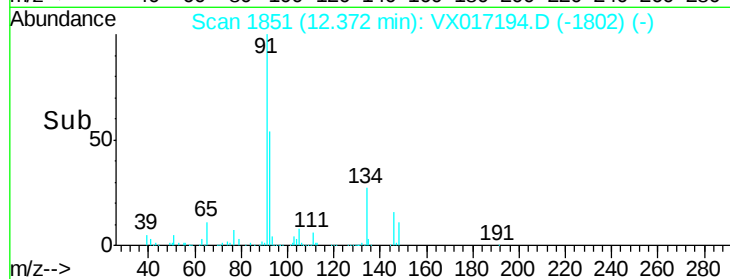
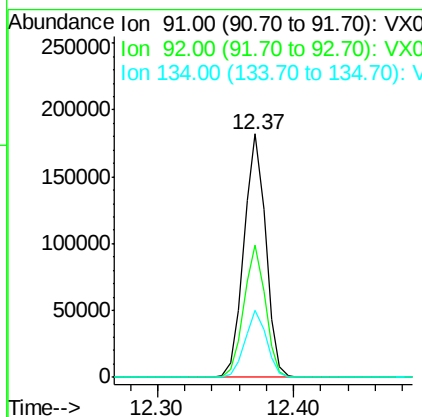
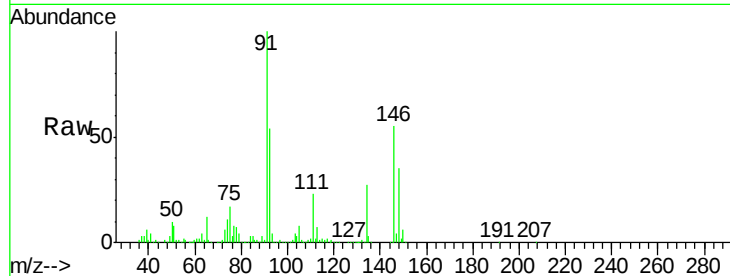
#89
n-Butylbenzene
Concen: 17.525 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.6
134	27.2	13.6	40.7

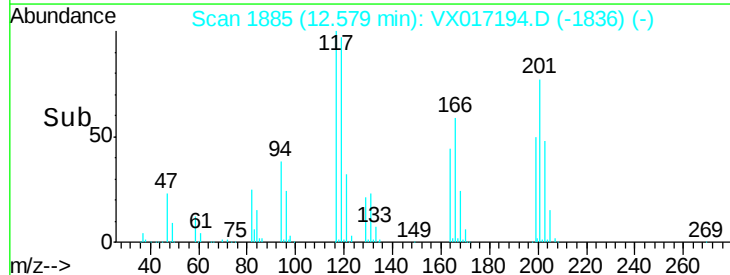
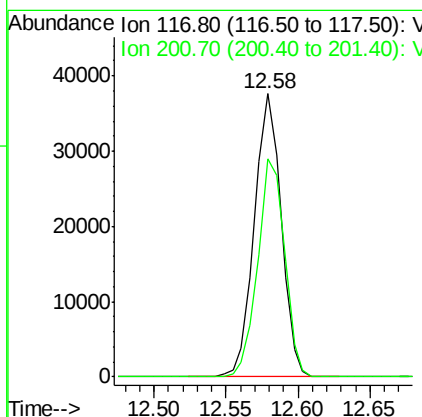
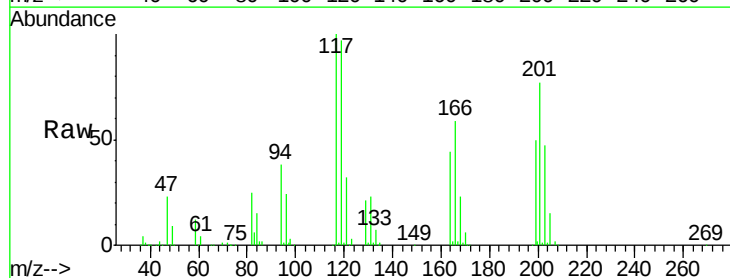
Manual Integrations
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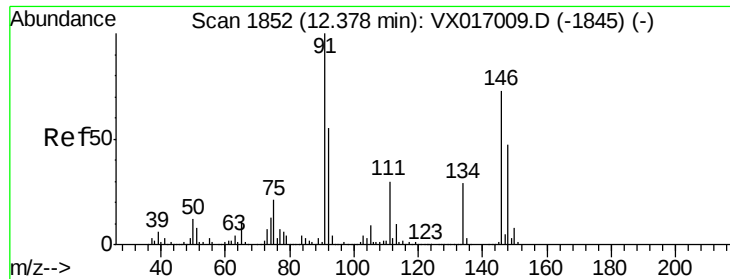
MMDadoda
7/8/2020 9:31:34 AM



#90
Hexachloroethane
Concen: 18.817 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.4	39.4	118.2





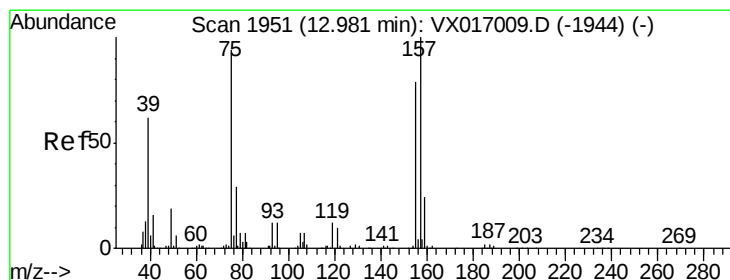
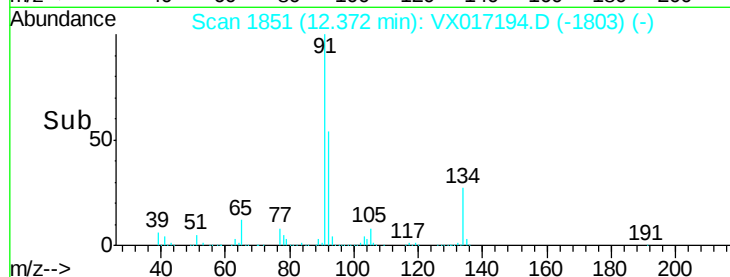
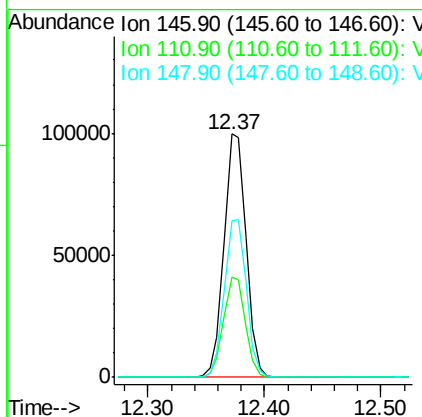
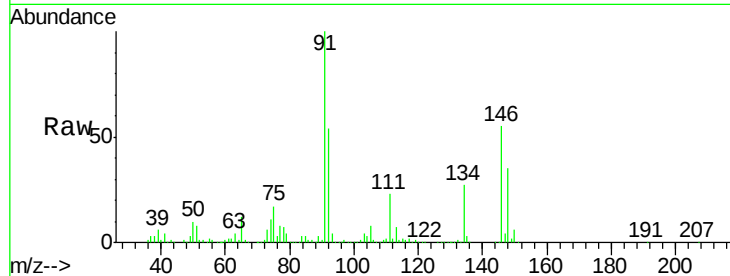
#91
 1,2-Dichlorobenzene
 Concen: 19.253 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	64.7	32.4	97.2

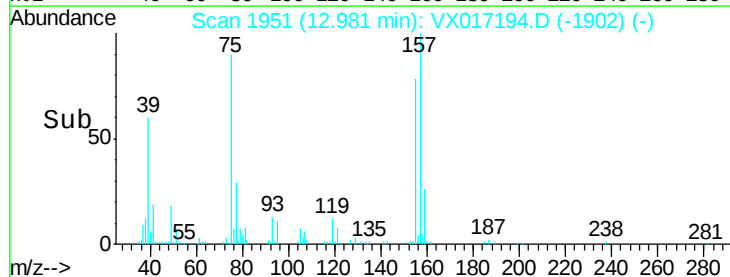
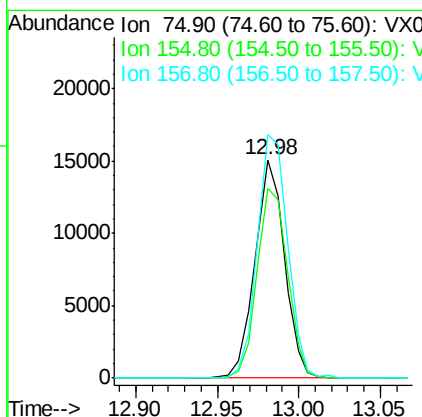
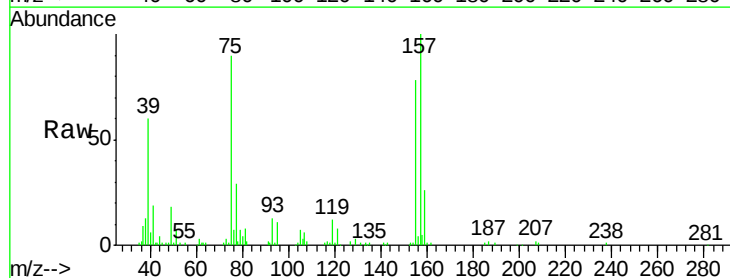
Manual Integrations
 APPROVED

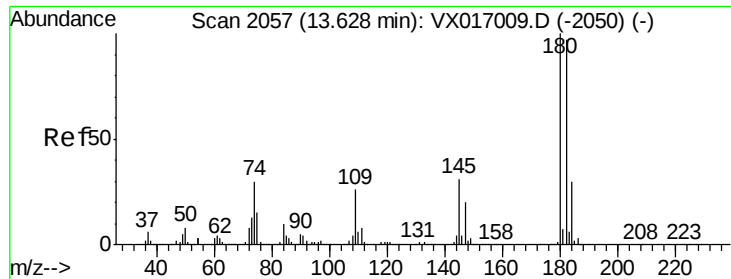
MMDadoda
 7/8/2020 9:31:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.512 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	45.1	135.2
157	114.7	56.5	169.3





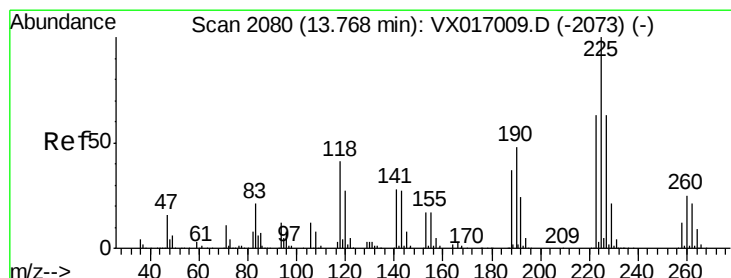
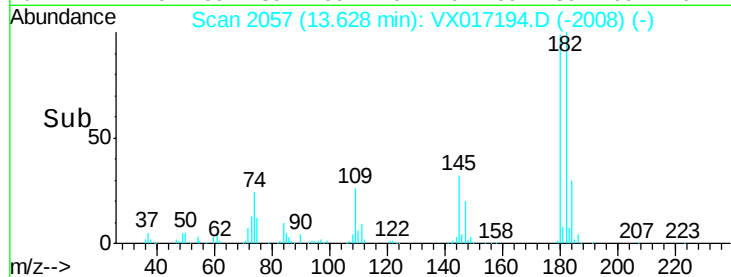
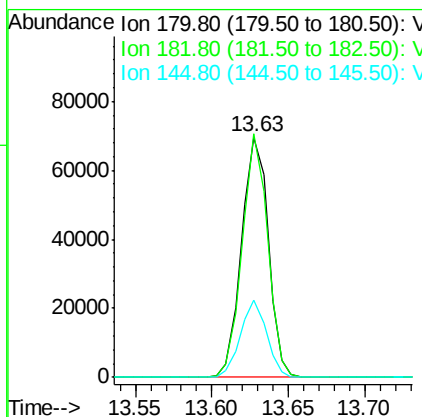
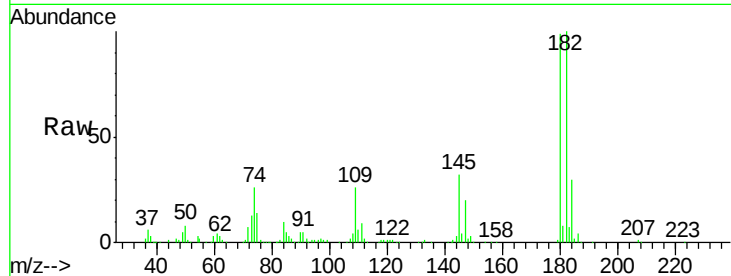
#93
 1,2,4-Trichlorobenzene
 Concen: 18.296 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84911		
182	96.2	47.3	141.9	
145	31.4	15.4	46.2	

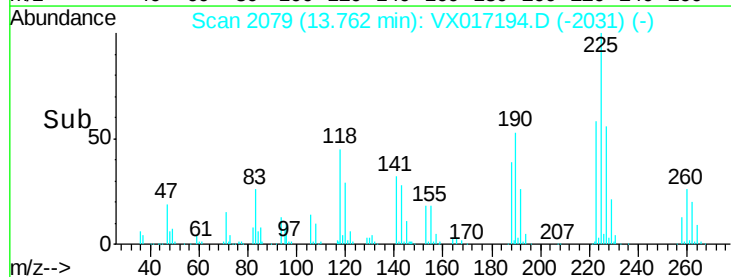
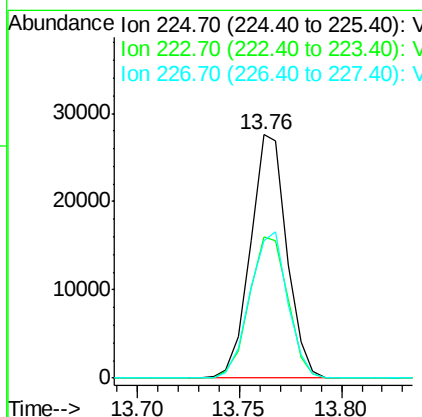
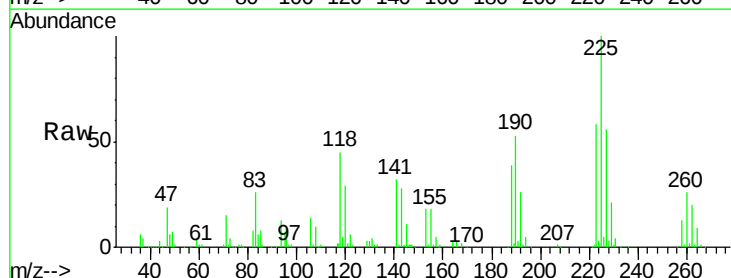
Manual Integrations
 APPROVED

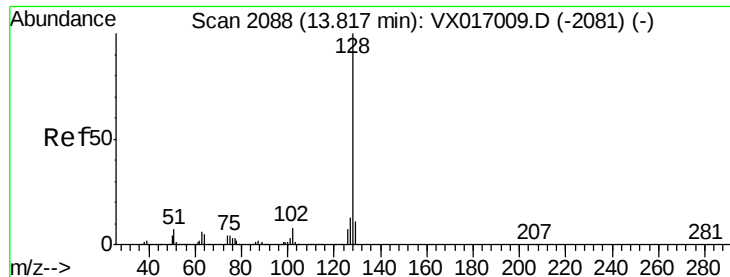
MMDadoda
 7/8/2020 9:31:34 AM



#94
 Hexachlorobutadiene
 Concen: 19.940 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017194.D
 Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34213		
223	61.3	32.5	97.5	
227	62.2	33.1	99.2	





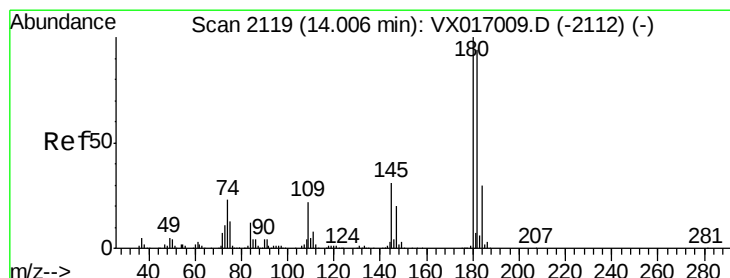
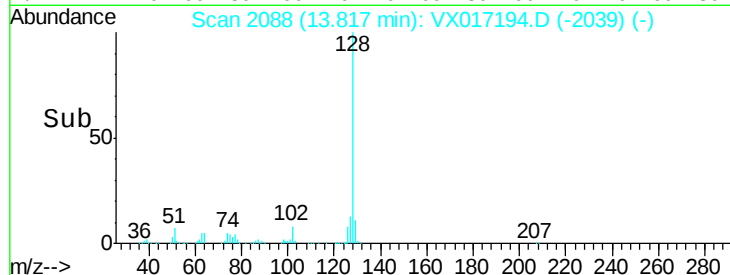
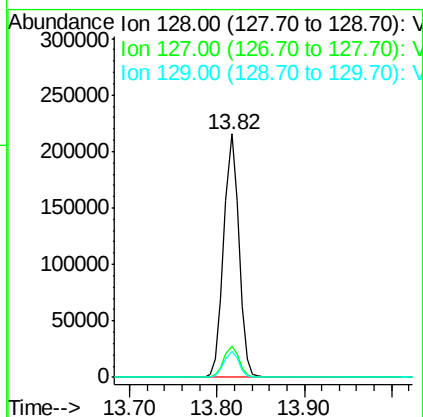
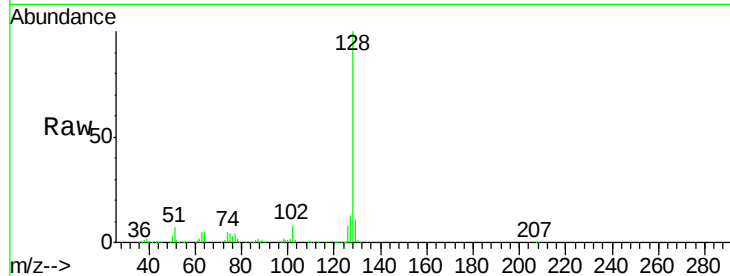
#95
Naphthalene
Concen: 18.220 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.852 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017194.D
Acq: 07 Jul 2020 11:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.4
145	32.3	16.6	49.7

