

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071720\
 Data File : VX017414.D
 Acq On : 17 Jul 2020 13:09
 Operator : JC/SP
 Sample : VX0717WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:16 AM

Quant Time: Jul 18 07:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	462327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	207365	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
35) Dibromofluoromethane	5.47	113	165728	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	8.70	98	593238	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.12	95	227576	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	55056	22.005	ug/l	98
3) Chloromethane	1.32	50	62788	22.291	ug/l	99
4) Vinyl Chloride	1.39	62	61105	21.929	ug/l	97
5) Bromomethane	1.63	94	43127	23.775	ug/l	100
6) Chloroethane	1.71	64	39822	22.641	ug/l	99
7) Trichlorofluoromethane	1.92	101	98707	20.988	ug/l	96
8) Diethyl Ether	2.17	74	37855	22.770	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58174	21.714	ug/l	98
10) Methyl Iodide	2.50	142	69550	21.031	ug/l	98
11) Tert butyl alcohol	3.01	59	74667	119.423	ug/l	98
12) 1,1-Dichloroethene	2.36	96	54169	20.132	ug/l	95
13) Acrolein	2.28	56	12086	35.263	ug/l	95
14) Allyl chloride	2.71	41	109385	23.461	ug/l	95
15) Acrylonitrile	3.12	53	188181	124.158	ug/l	99
16) Acetone	2.42	43	159056	120.141	ug/l	98
17) Carbon Disulfide	2.55	76	168849	21.511	ug/l	99
18) Methyl Acetate	2.75	43	83217	25.449	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	210926	23.086	ug/l	99
20) Methylene Chloride	2.84	84	77943	24.130	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	66532	21.611	ug/l	98
22) Diisopropyl ether	3.82	45	222967	25.106	ug/l	97
23) Vinyl Acetate	3.79	43	976826	125.063	ug/l	99
24) 1,1-Dichloroethane	3.67	63	120820	23.148	ug/l	98
25) 2-Butanone	4.64	43	258072	122.730	ug/l	99
26) 2,2-Dichloropropane	4.56	77	102029	21.004	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	73759	21.848	ug/l	98
28) Bromochloromethane	4.98	49	62503	25.922	ug/l	94
29) Tetrahydrofuran	5.09	42	167082	122.750	ug/l	97
30) Chloroform	5.18	83	129069	22.984	ug/l	98
31) Cyclohexane	5.54	56	93121	21.794	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	111952	21.565	ug/l	99
36) 1,1-Dichloropropene	5.77	75	87387	20.549	ug/l	100
37) Ethyl Acetate	4.79	43	101393	23.055	ug/l	99
38) Carbon Tetrachloride	5.75	117	98966	19.877	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0717WBSD01

Manual Integrations
 APPROVED

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 7/20/2020 11:50:16 AM

Quant Time: Jul 18 07:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87611	18.971	ug/l	93
40) Benzene	6.12	78	267109	21.856	ug/l	99
41) Methacrylonitrile	5.00	41	53309	22.579	ug/l	98
42) 1,2-Dichloroethane	6.17	62	104751	22.061	ug/l	100
43) Isopropyl Acetate	6.42	43	156541	22.276	ug/l	100
44) Trichloroethene	7.19	130	75542	20.236	ug/l	97
45) 1,2-Dichloropropane	7.49	63	72010	23.027	ug/l	98
46) Dibromomethane	7.64	93	50859	22.551	ug/l	93
47) Bromodichloromethane	7.87	83	103212	21.890	ug/l	99
48) Methyl methacrylate	7.75	41	78583	23.303	ug/l	96
49) 1,4-Dioxane	7.71	88	31489	456.291	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	517109	120.681	ug/l	98
52) Toluene	8.76	92	166960	21.289	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	107426	21.148	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	118703	21.910	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	72720	22.236	ug/l	95
56) Ethyl methacrylate	9.16	69	99975	21.532	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120928	22.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	273980	116.216	ug/l	97
59) 2-Hexanone	9.47	43	383064	118.446	ug/l	96
60) Dibromochloromethane	9.57	129	83405	20.876	ug/l	100
61) 1,2-Dibromoethane	9.65	107	77624	21.819	ug/l	99
64) Tetrachloroethene	9.32	164	71336	18.165	ug/l	95
65) Chlorobenzene	10.12	112	185818	20.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	72714	19.807	ug/l	98
67) Ethyl Benzene	10.23	91	302506	19.707	ug/l	95
68) m/p-Xylenes	10.34	106	237072	40.591	ug/l	99
69) o-Xylene	10.68	106	110929	19.877	ug/l	99
70) Styrene	10.70	104	198790	20.751	ug/l	99
71) Bromoform	10.84	173	61869	19.972	ug/l	99
73) Isopropylbenzene	11.00	105	302361	19.641	ug/l	100
74) N-amyl acetate	10.88	43	132181	21.457	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	107444	22.987	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	101194m	22.300	ug/l	
77) Bromobenzene	11.24	156	83640	19.076	ug/l	93
78) n-propylbenzene	11.34	91	345206	19.967	ug/l	100
79) 2-Chlorotoluene	11.40	91	216480	20.319	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	258827	19.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	35458	19.822	ug/l	95
82) 4-Chlorotoluene	11.49	91	256781	20.336	ug/l	98
83) tert-Butylbenzene	11.76	119	242187	19.172	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	263499	19.959	ug/l	99
85) sec-Butylbenzene	11.93	105	285780	19.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	268054	19.156	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	149449	19.054	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	151770	19.152	ug/l	96
89) n-Butylbenzene	12.37	91	231281	19.380	ug/l	98
90) Hexachloroethane	12.58	117	53476	20.129	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	146446	19.868	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23986	19.448	ug/l	91

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

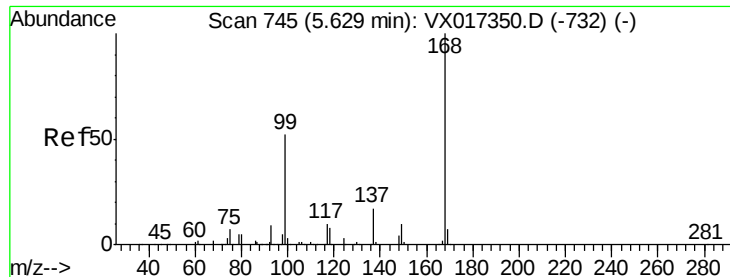
Manual Integrations
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7/20/2020 11:50:16 AM

Quant Time: Jul 18 07:22:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91267	17.838	ug/l	97
94) Hexachlorobutadiene	13.77	225	37690	18.063	ug/l	97
95) Naphthalene	13.82	128	293840	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	92465	18.708	ug/l	98

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



#1

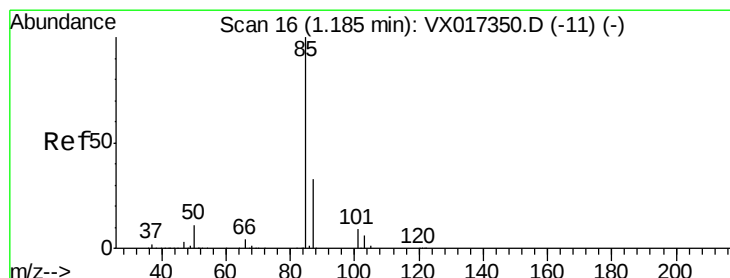
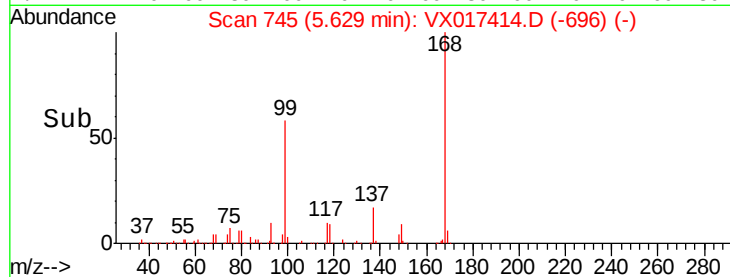
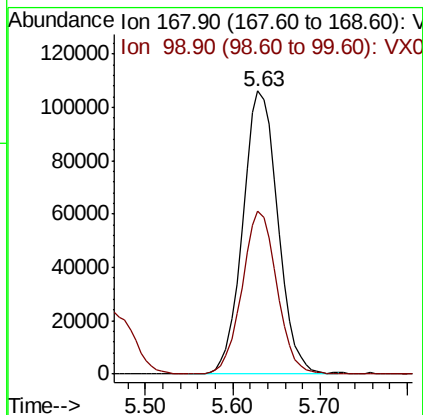
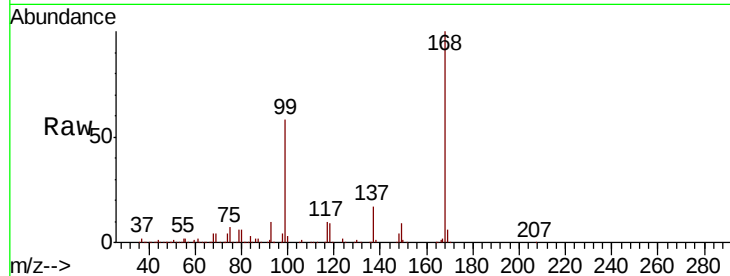
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.4	41.6	62.4

Manual Integrations
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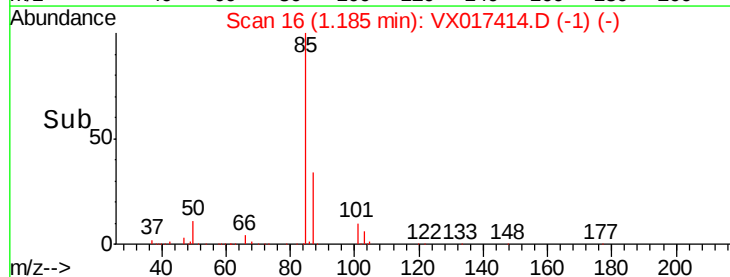
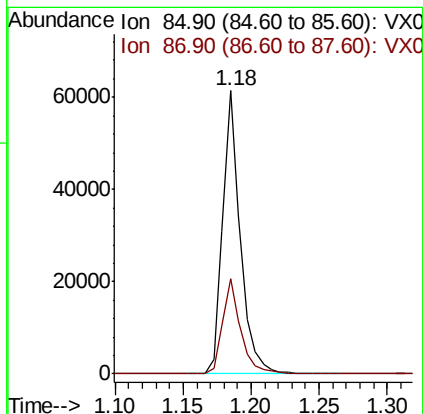
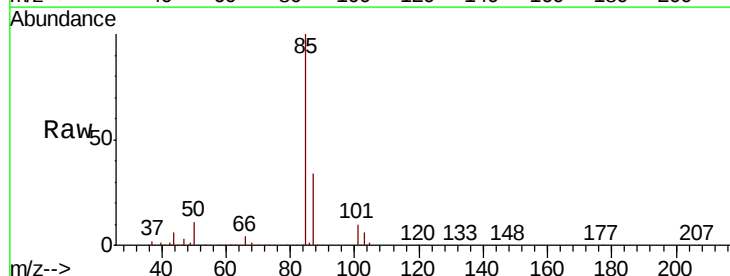
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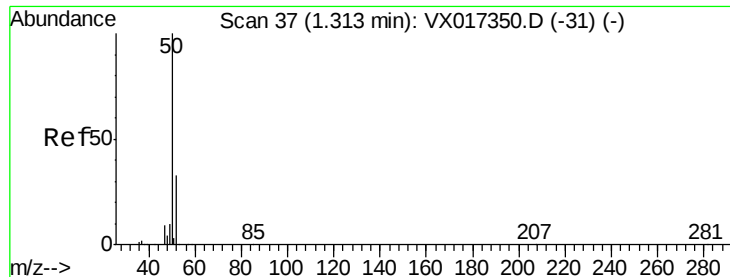


#2

Dichlorodifluoromethane
 Concen: 22.005 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.3	48.8





#3

Chloromethane

Concen: 22.291 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 50 Resp: 62788

Ion Ratio Lower Upper

50 100

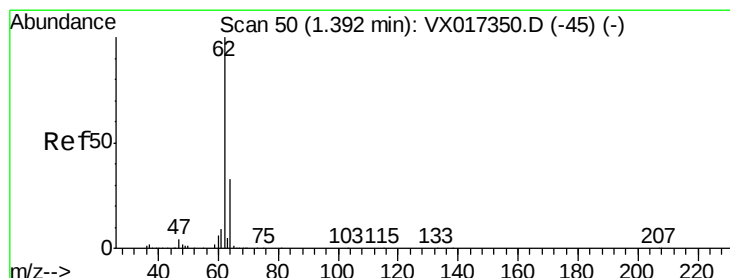
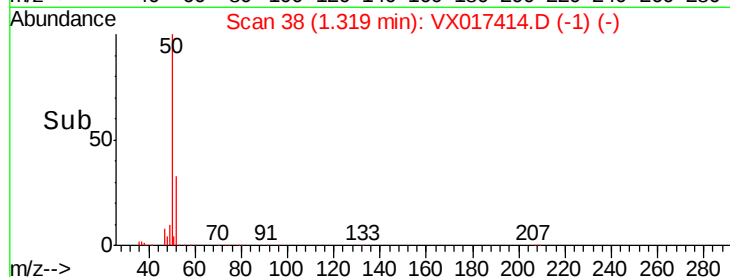
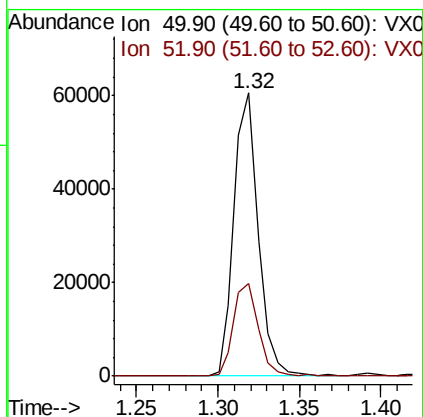
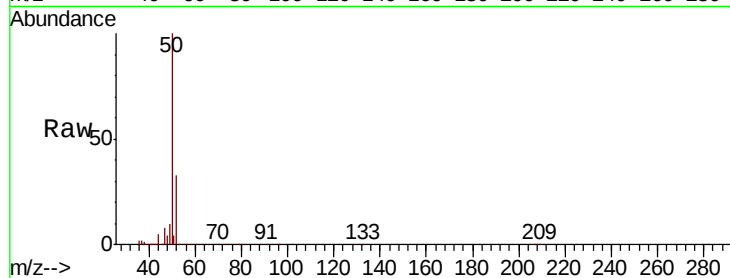
52 32.8 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.929 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017414.D

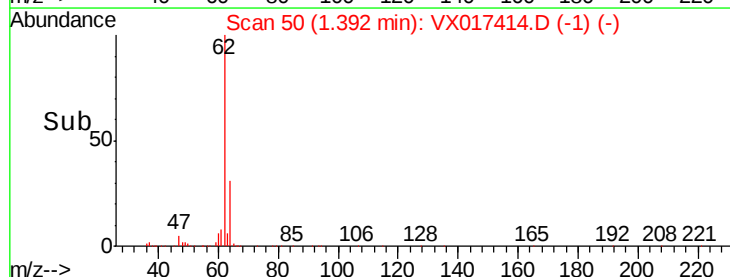
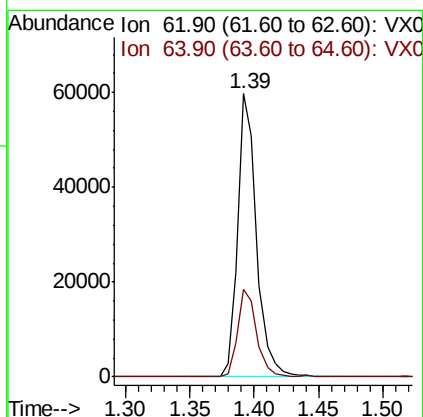
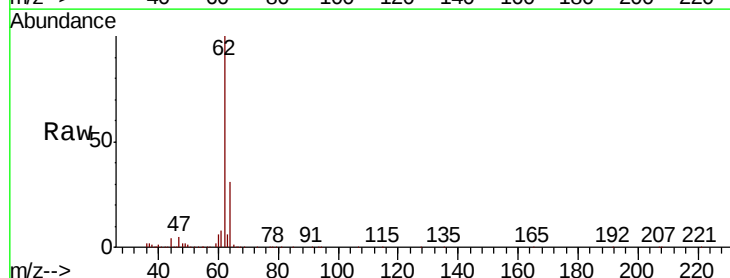
Acq: 17 Jul 2020 13:09

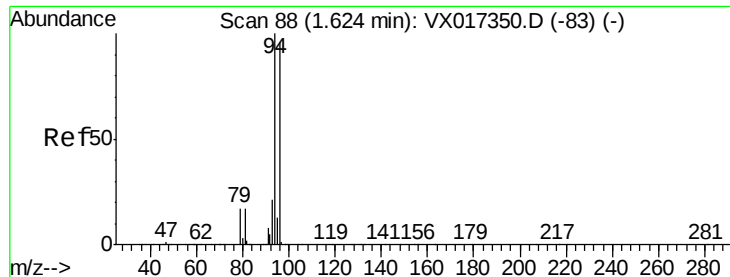
Tgt Ion: 62 Resp: 61105

Ion Ratio Lower Upper

62 100

64 30.9 26.3 39.5





#5

Bromomethane

Concen: 23.775 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 94 Resp: 43127

Ion Ratio Lower Upper

94 100

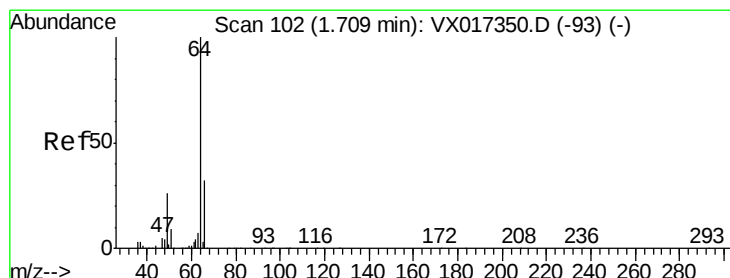
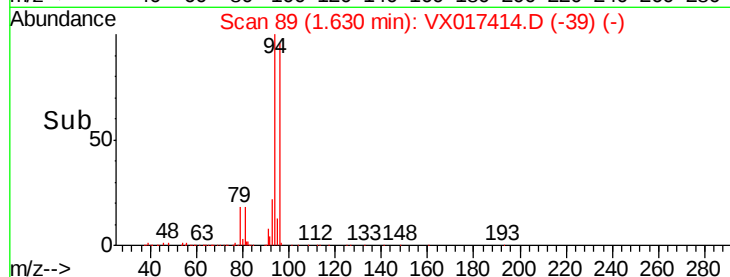
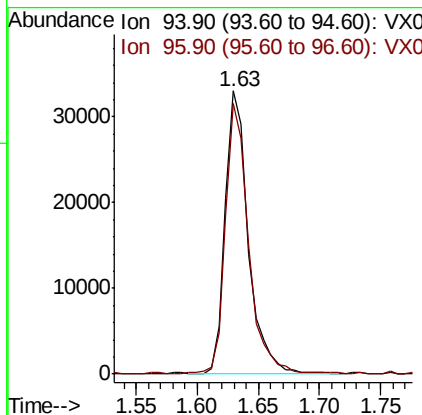
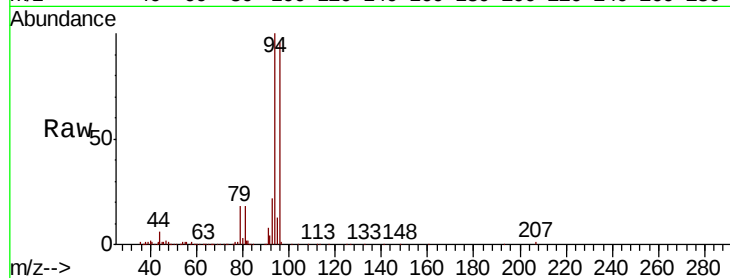
96 95.5 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 22.641 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017414.D

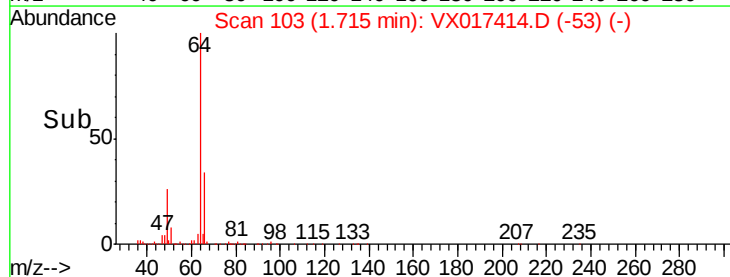
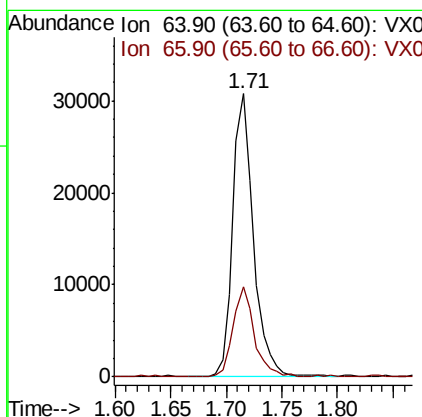
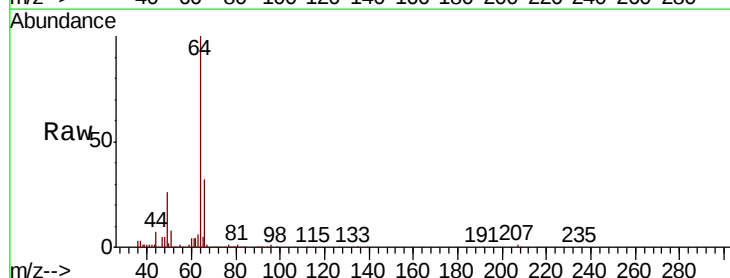
Acq: 17 Jul 2020 13:09

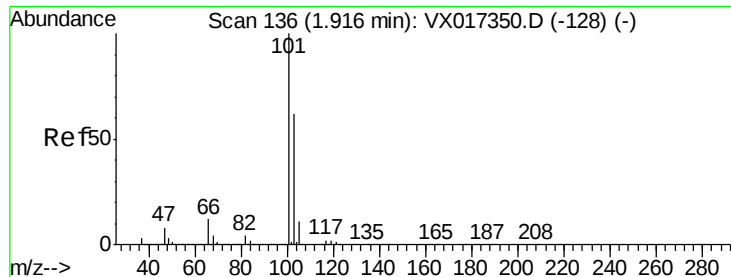
Tgt Ion: 64 Resp: 39822

Ion Ratio Lower Upper

64 100

66 31.4 25.7 38.5





#7

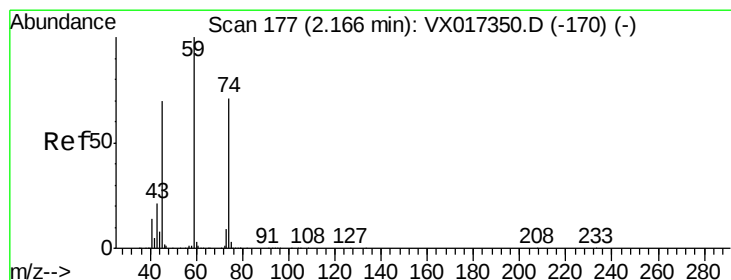
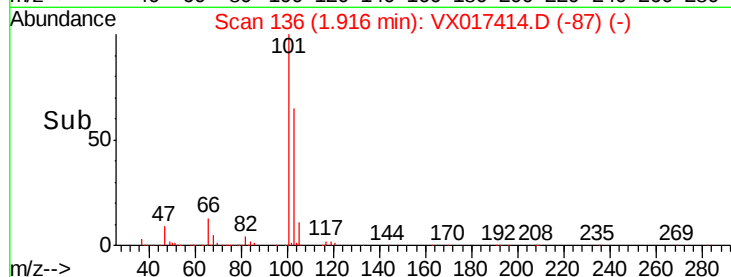
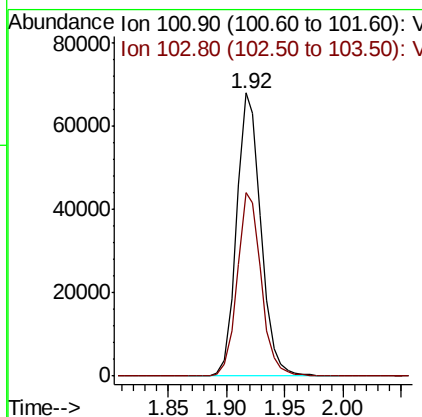
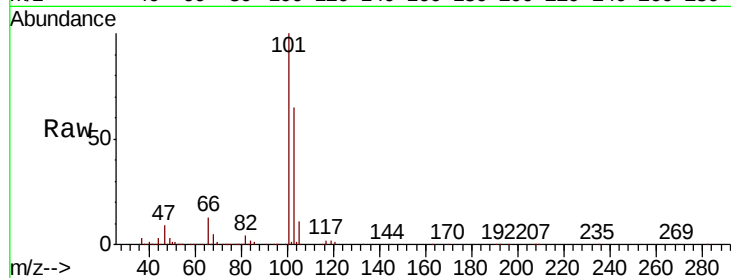
Trichlorofluoromethane
Concen: 20.988 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	49.6	74.4

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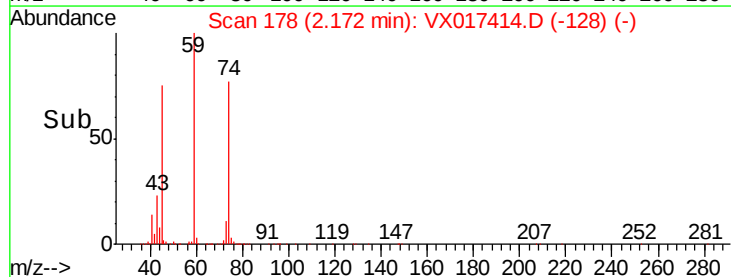
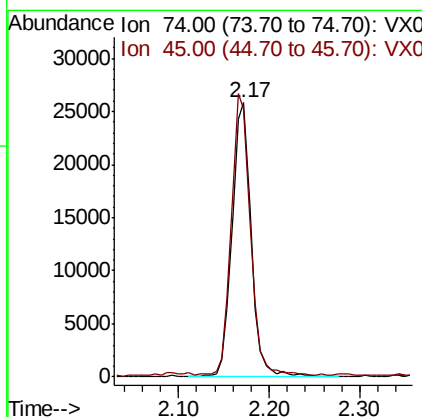
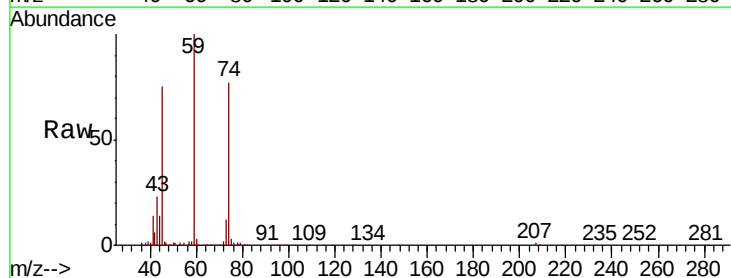
MMDadoda
7/20/2020 11:50:16 AM

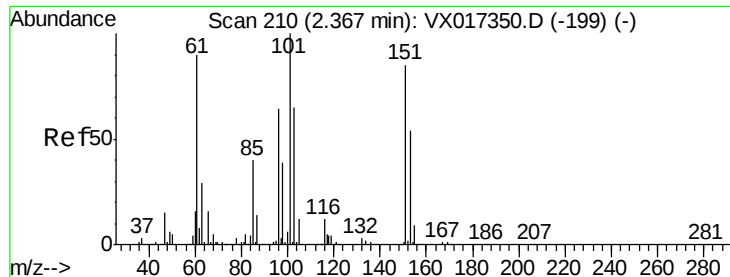


#8

Diethyl Ether
Concen: 22.770 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.714 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

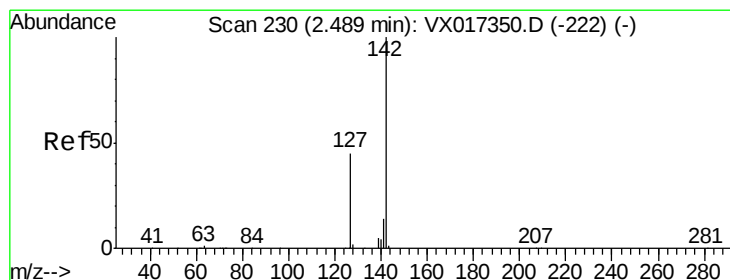
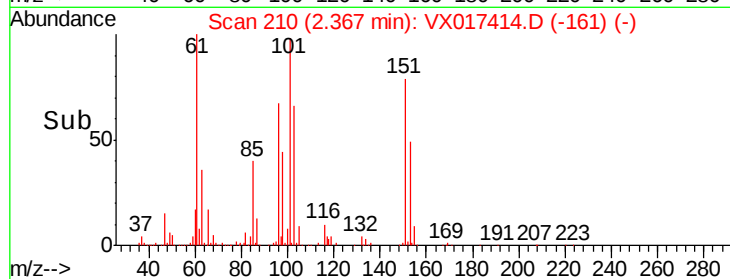
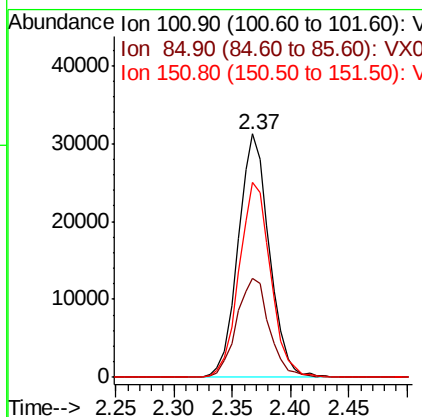
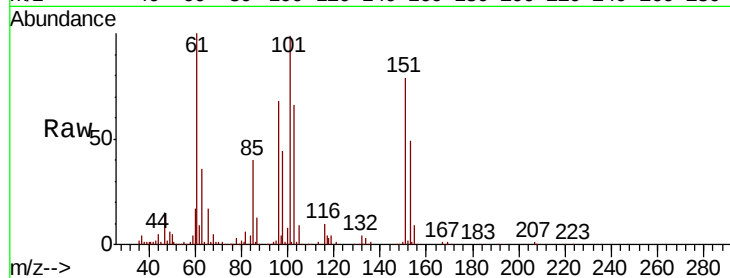
ClientSampleId :

VX0717WBSD01

Tot Ion:	101	Resp:	58174
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.7	50.5
151	81.2	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.031 ug/l

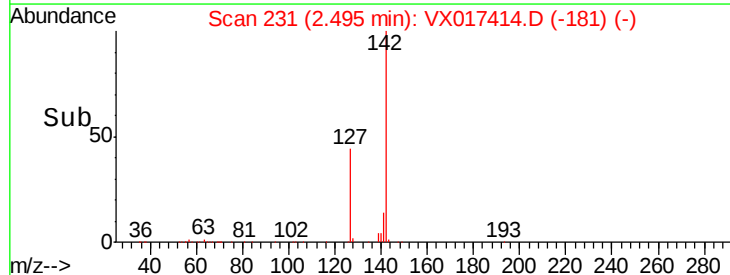
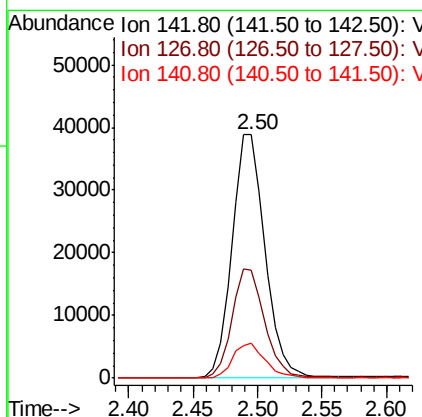
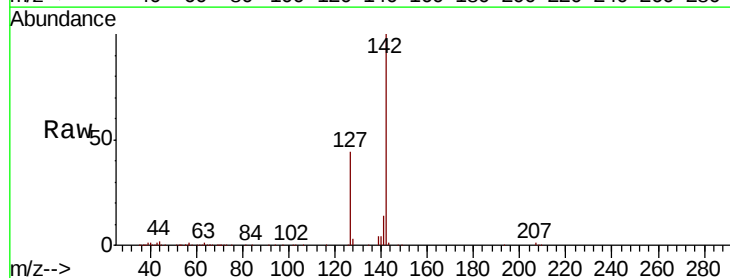
RT: 2.50 min Scan# 231

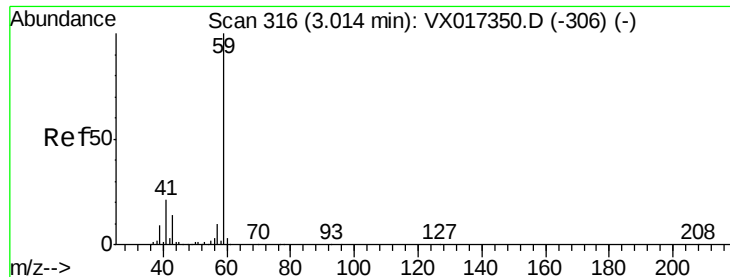
Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion:	142	Resp:	69550
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.8	55.2
141	14.3	11.4	17.0





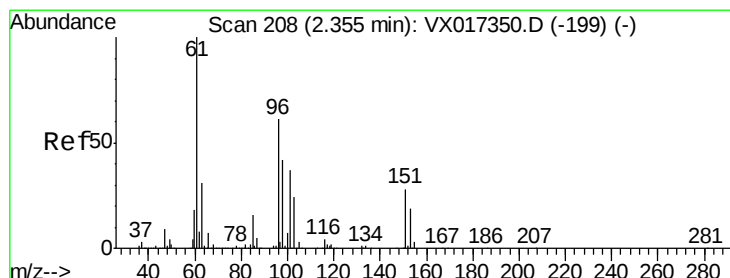
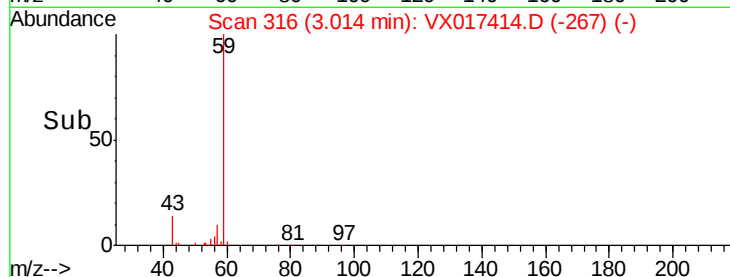
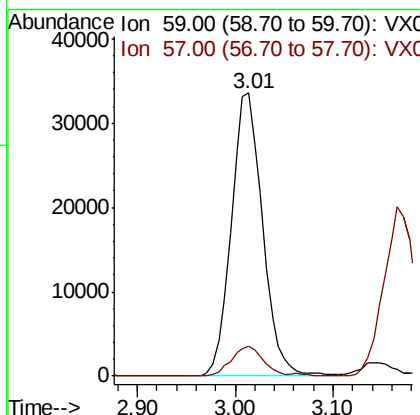
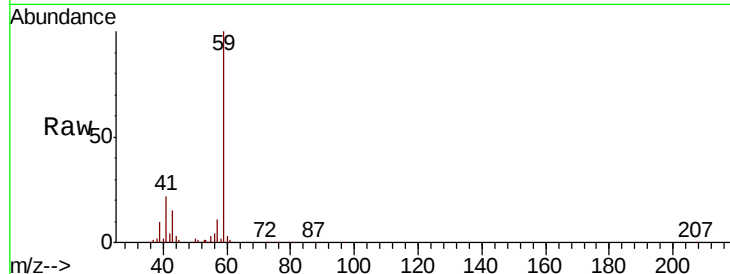
#11
Tert butyl alcohol
Concen: 119.423 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	59	Resp	74667
Ion Ratio	100	Lower	Upper
57	11.0	8.3	12.5

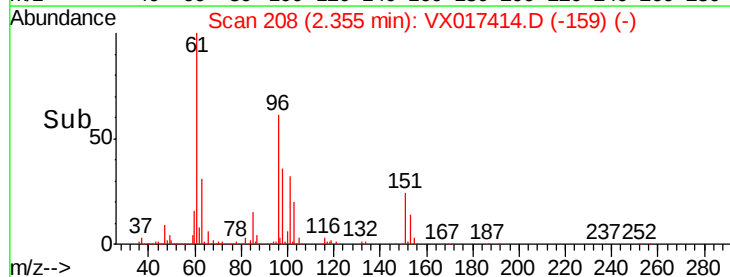
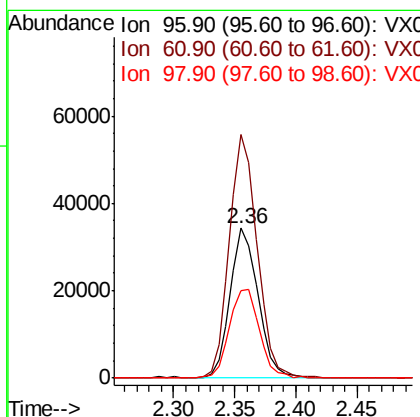
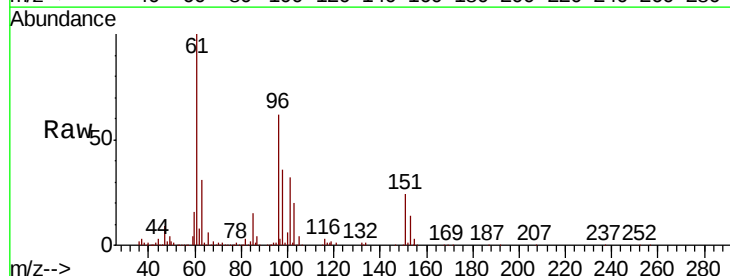
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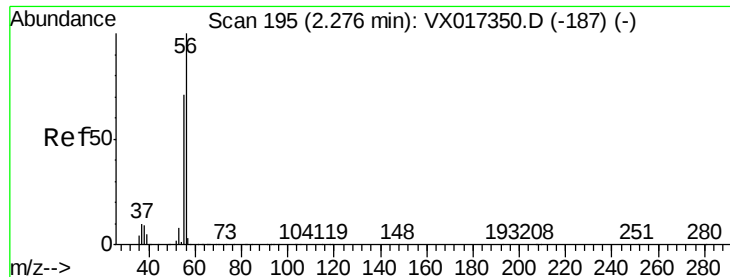
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#12
1,1-Dichloroethene
Concen: 20.132 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	96	Resp	54169
Ion Ratio	100	Lower	Upper
61	162.3	131.5	197.3
98	57.8	55.1	82.7





#13

Acrolein

Concen: 35.263 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 56 Resp: 12086

Ion Ratio Lower Upper

56 100

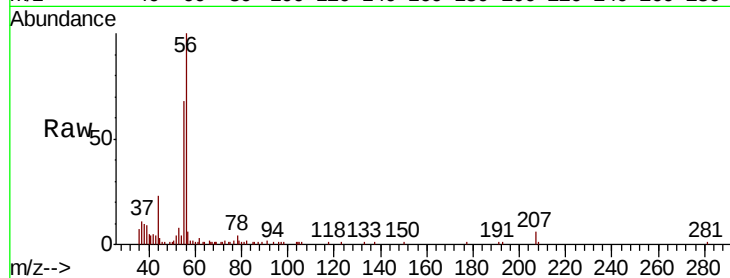
55 67.0 57.1 85.7

Manual Integrations

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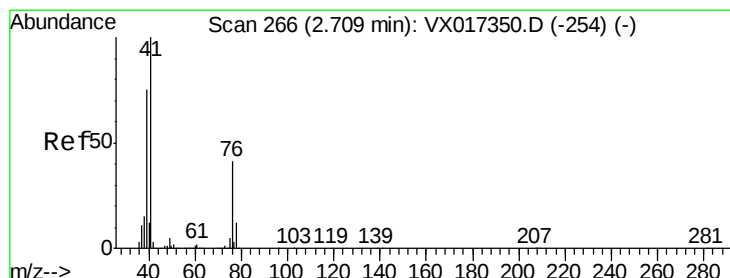
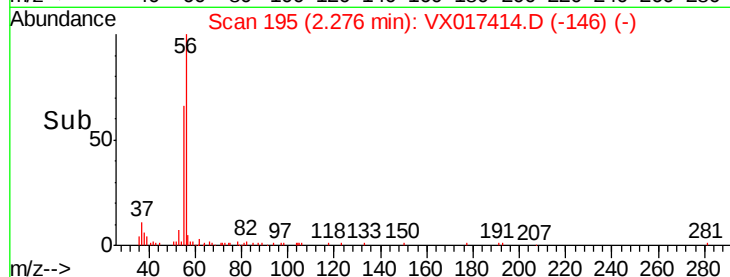
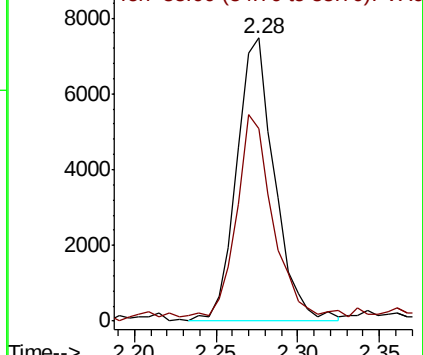
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 23.461 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

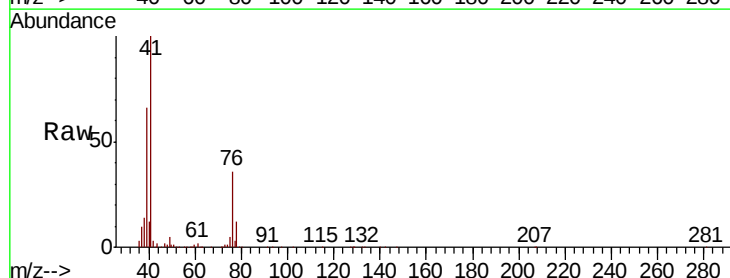
Tgt Ion: 41 Resp: 109385

Ion Ratio Lower Upper

41 100

39 61.9 53.0 79.4

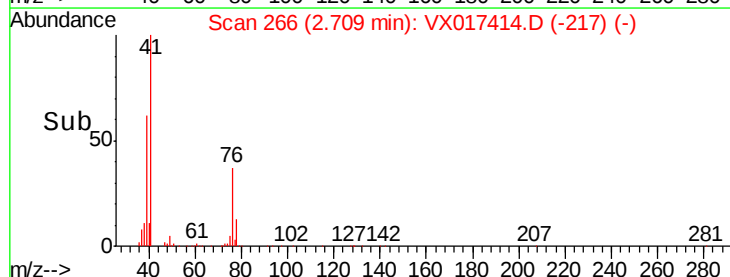
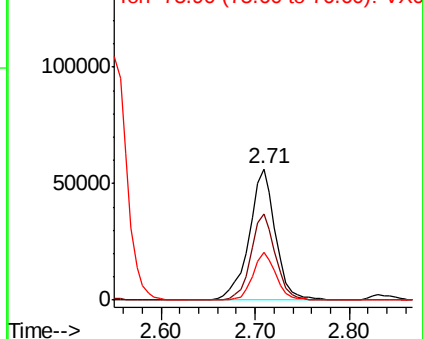
76 32.3 28.2 42.2

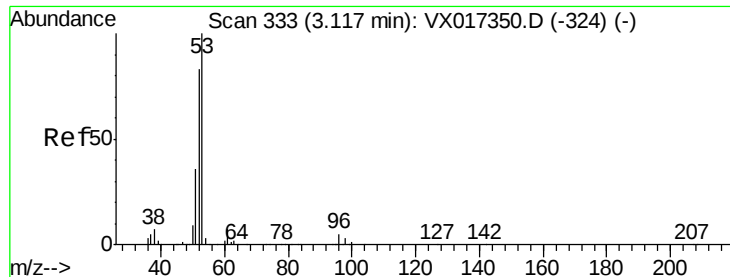


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 124.158 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

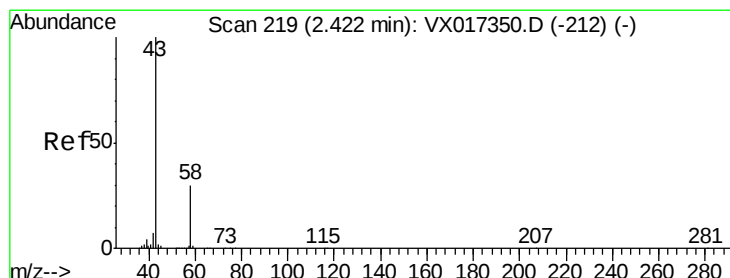
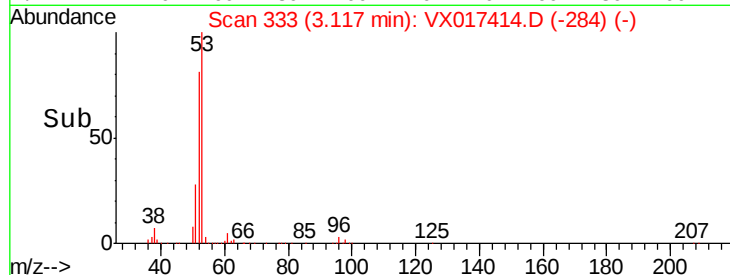
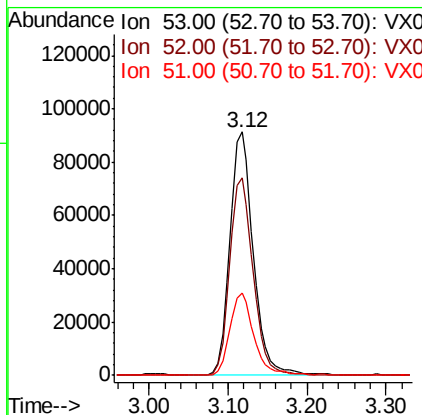
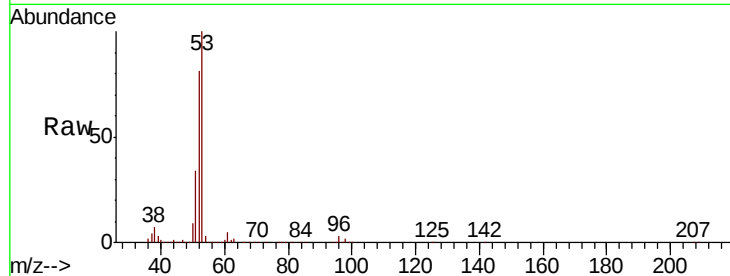
ClientSampleId :

VX0717WBSD01

Tot Ion	53	Resp	188181
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.8	98.6
51	34.8	29.2	43.8

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#16

Acetone

Concen: 120.141 ug/l

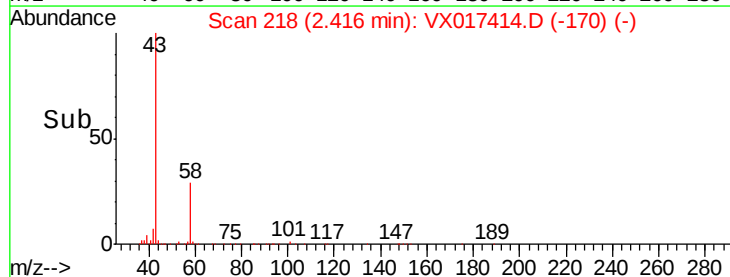
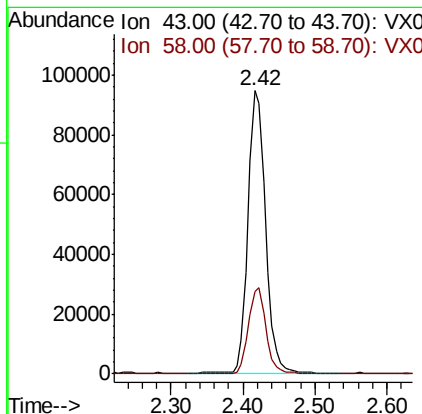
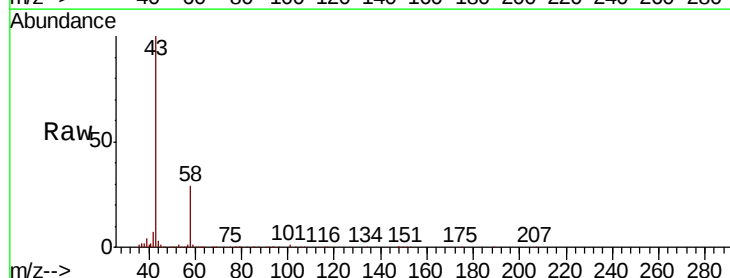
RT: 2.42 min Scan# 218

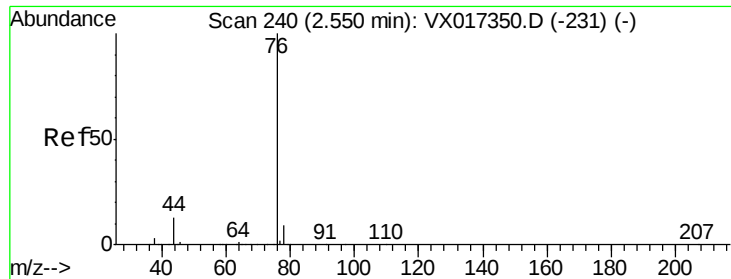
Delta R.T. -0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion	43	Resp	159056
Ion Ratio	Lower	Upper	
43	100		
58	29.1	24.2	36.2





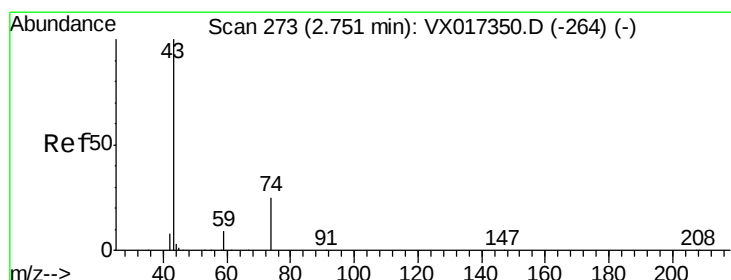
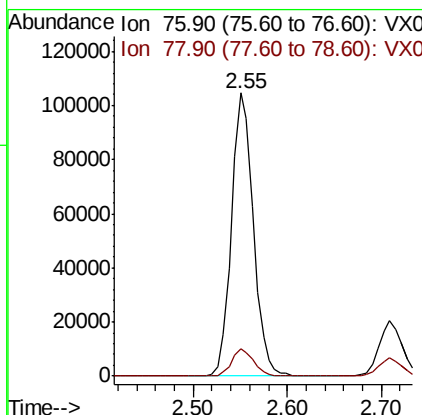
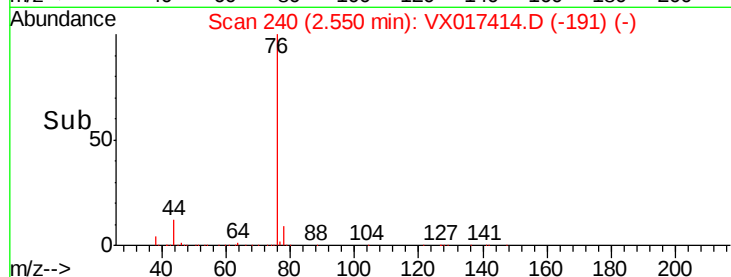
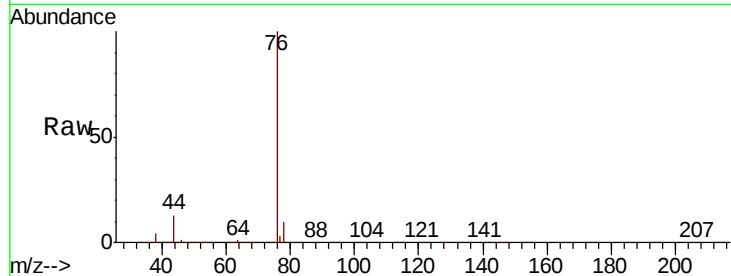
#17
Carbon Disulfide
Concen: 21.511 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

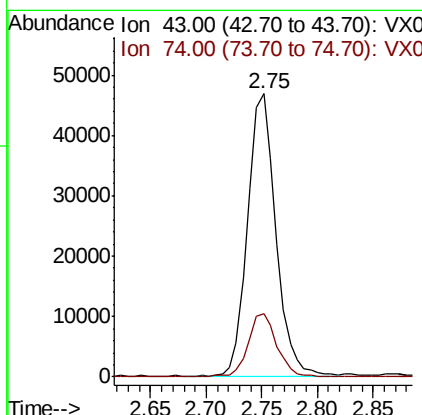
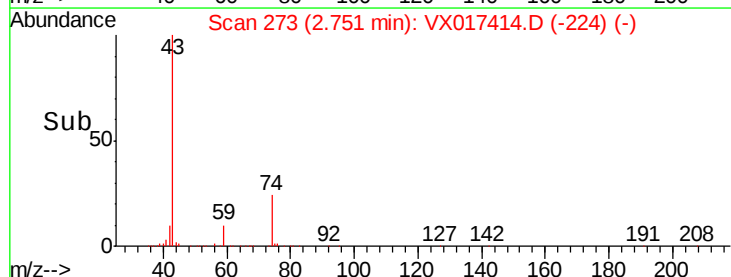
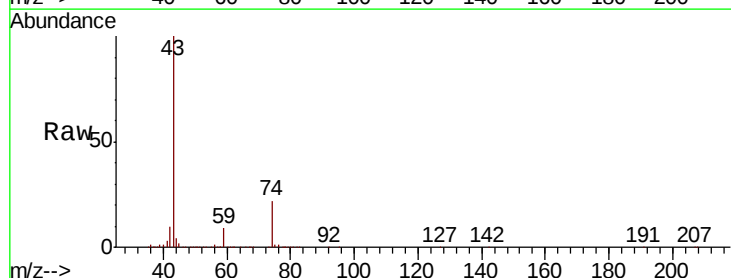
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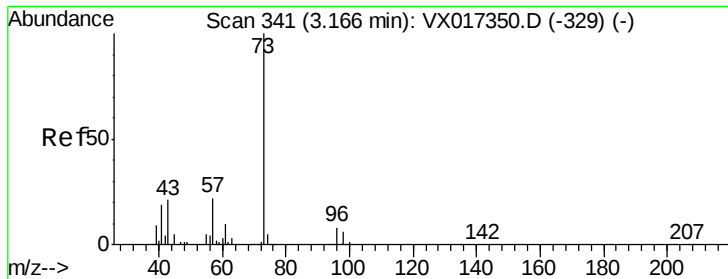
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#18
Methyl Acetate
Concen: 25.449 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.4	29.2





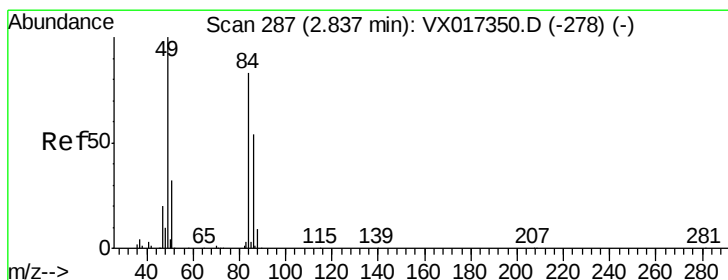
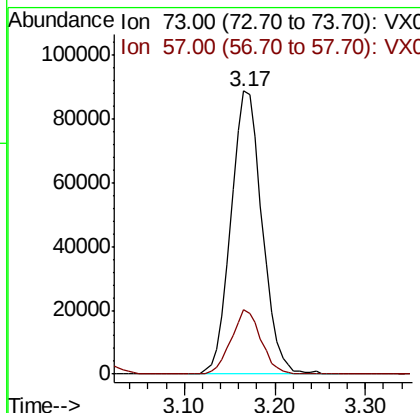
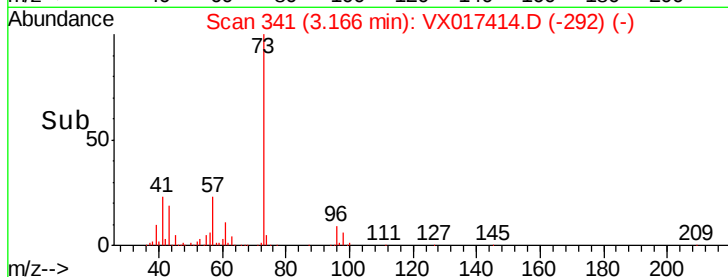
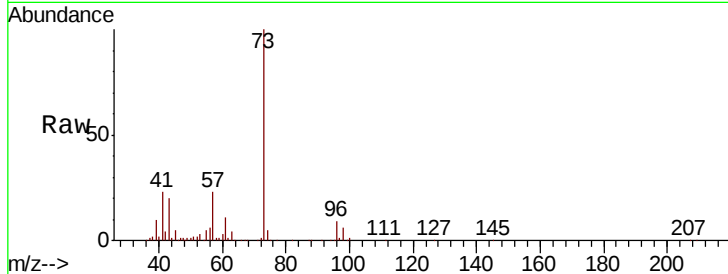
#19
Methvl tert-butvl Ether
Concen: 23.086 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion: 73 Resp: 210926
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

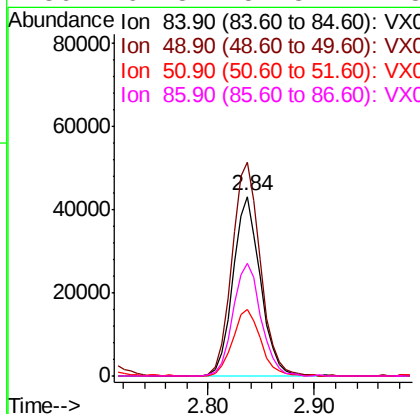
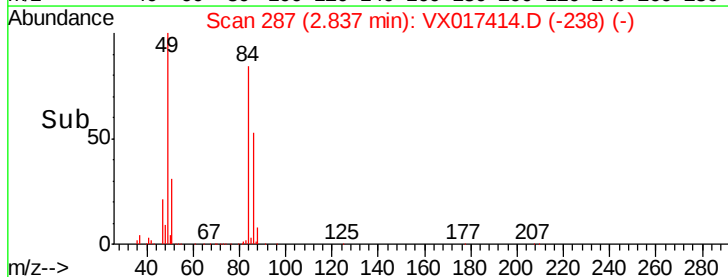
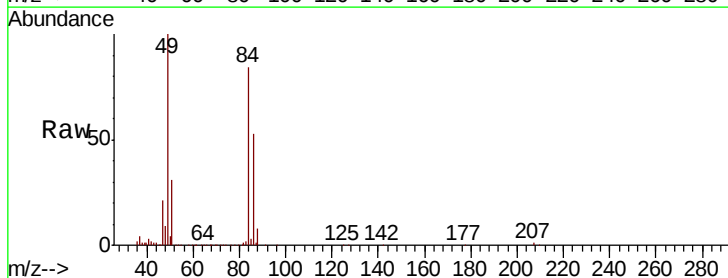
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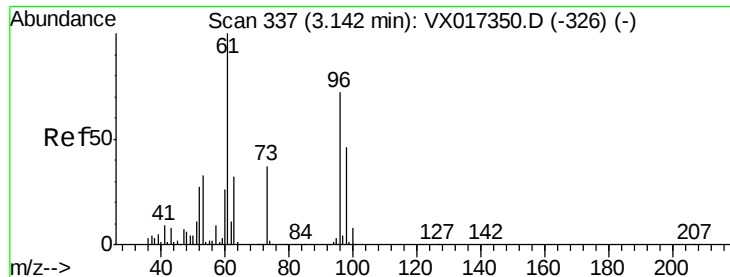
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#20
Methylene Chloride
Concen: 24.130 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 84 Resp: 77943
Ion Ratio Lower Upper
84 100
49 118.8 95.8 143.8
51 37.4 31.0 46.4
86 62.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 21.611 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 96 Resp: 66532

Ion Ratio Lower Upper

96 100

61 137.2 111.1 166.7

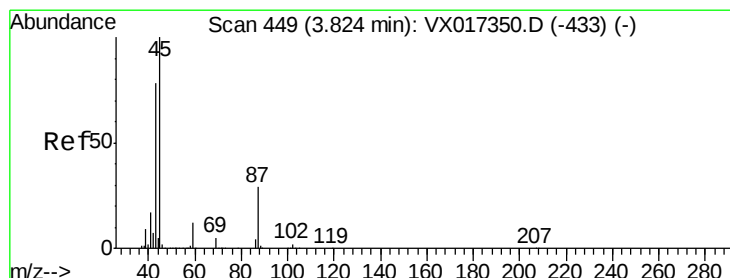
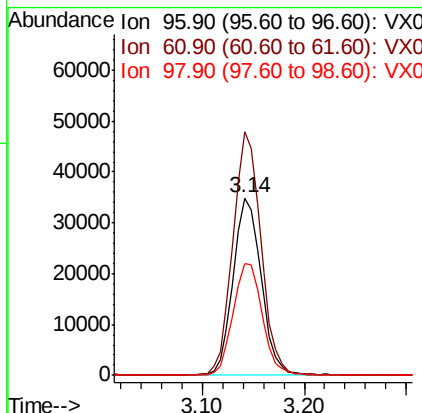
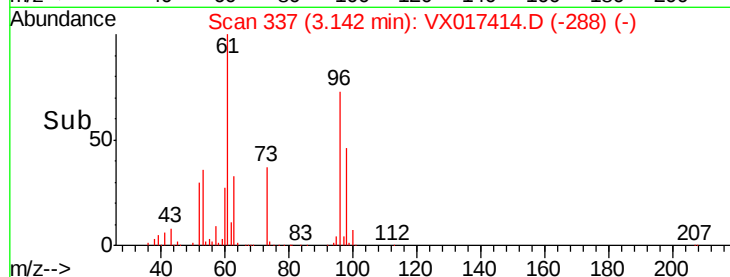
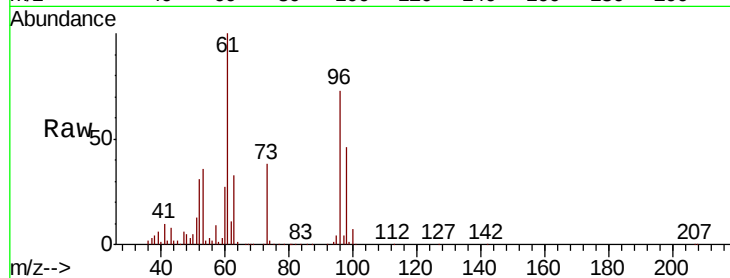
98 62.8 51.4 77.0

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#22

Diisopropyl ether

Concen: 25.106 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion: 45 Resp: 222967

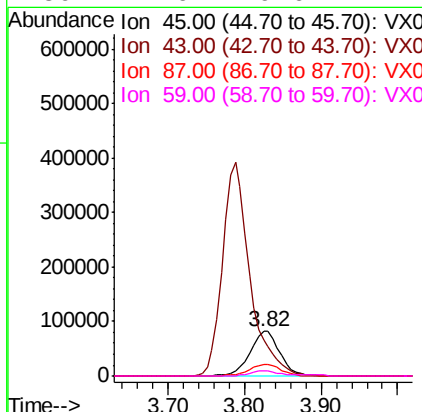
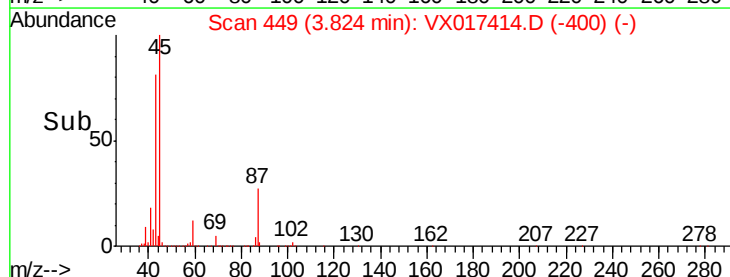
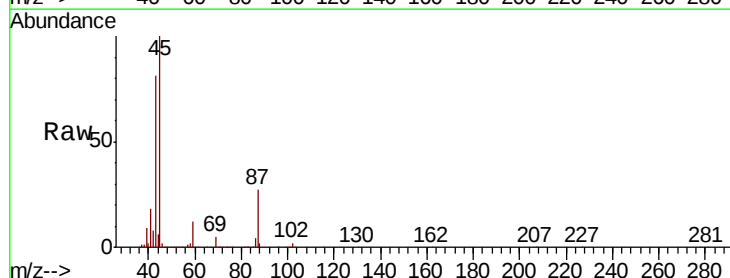
Ion Ratio Lower Upper

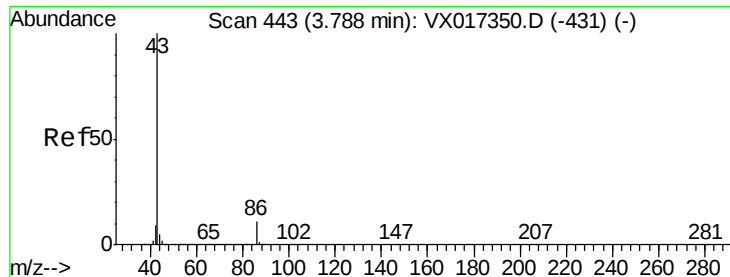
45 100

43 80.5 62.2 93.2

87 26.9 23.0 34.6

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 125.063 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 43 Resp: 976826

Ion Ratio Lower Upper

43 100

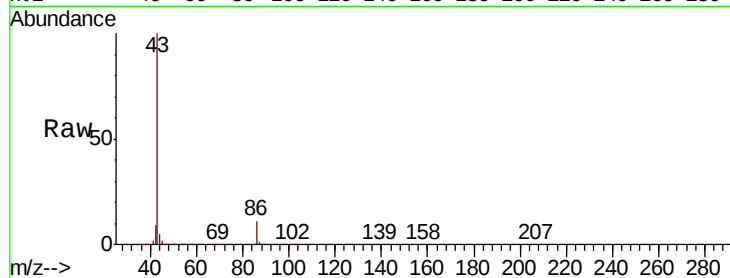
86 10.8 9.0 13.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

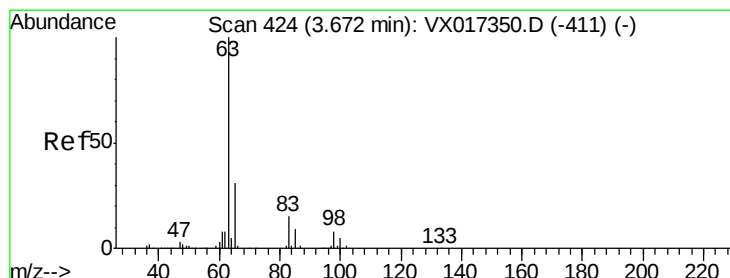
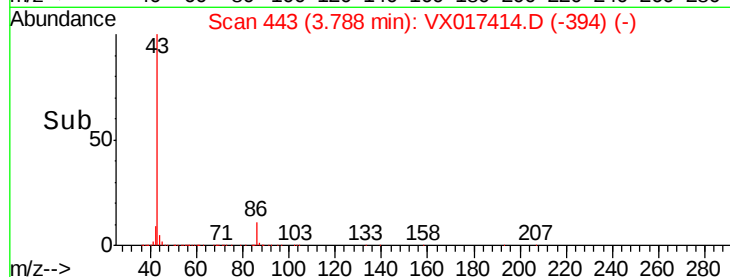
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.148 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

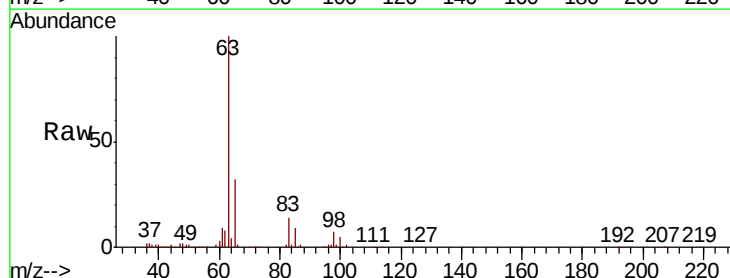
Tgt Ion: 63 Resp: 120820

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.9 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

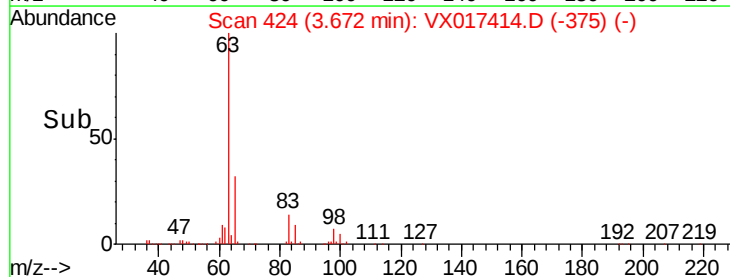
60000

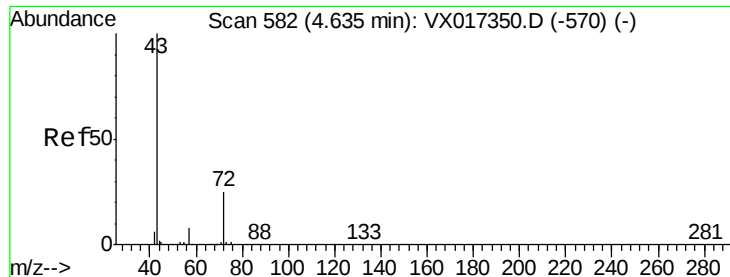
40000

20000

0

Time-->





#25

2-Butanone

Concen: 122.730 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 43 Resp: 258072

Ion Ratio Lower Upper

43 100

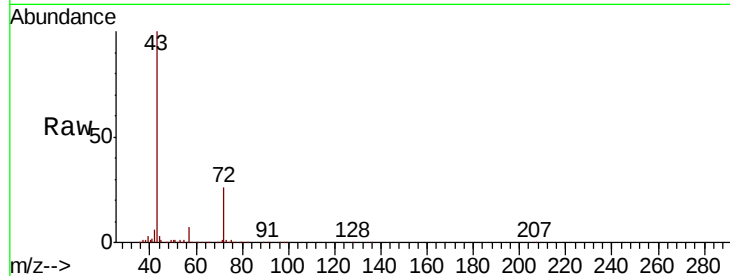
72 25.8 20.4 30.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

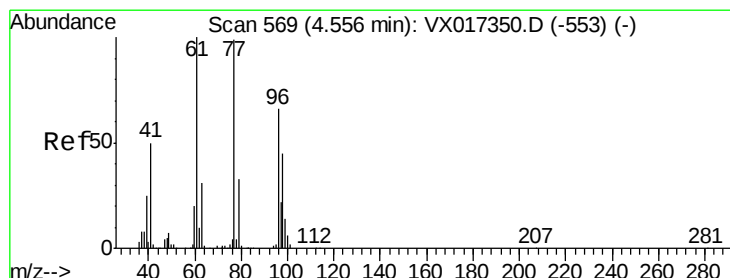
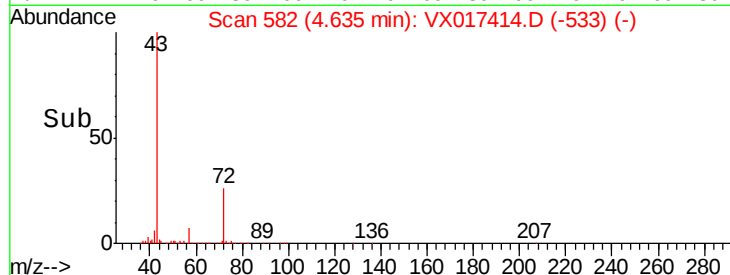
40000

20000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 21.004 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX017414.D

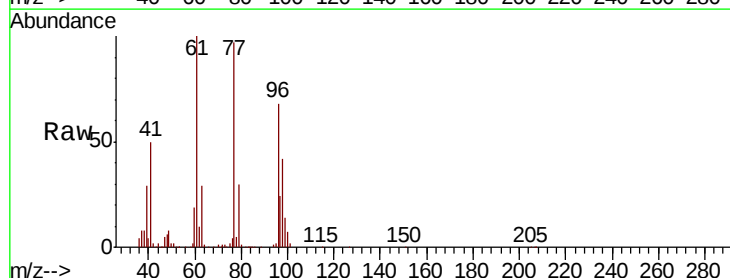
Acq: 17 Jul 2020 13:09

Tgt Ion: 77 Resp: 102029

Ion Ratio Lower Upper

77 100

97 23.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

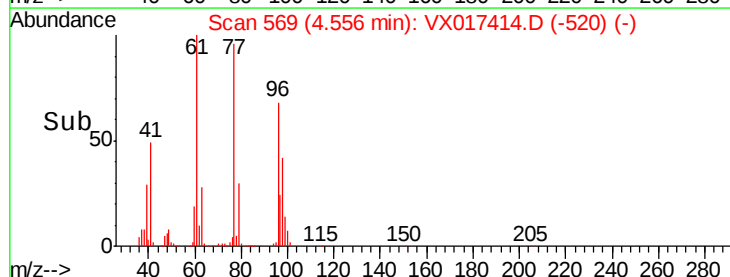
20000

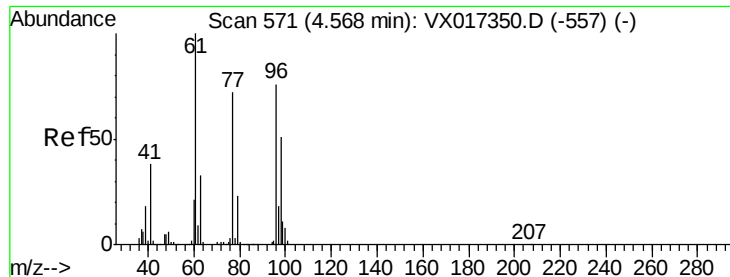
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

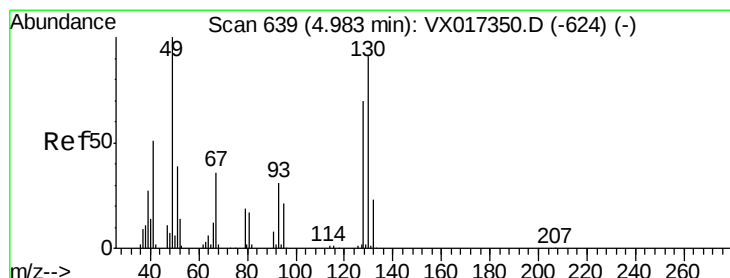
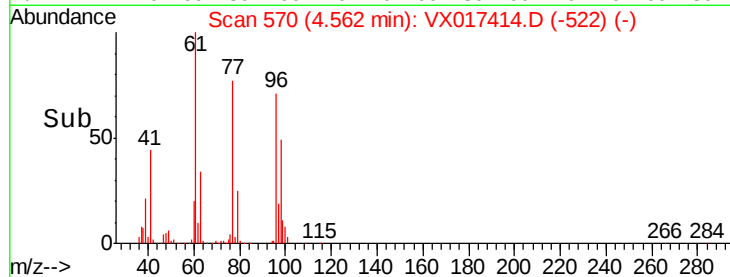
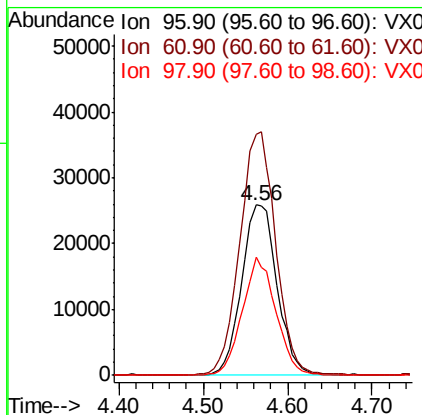
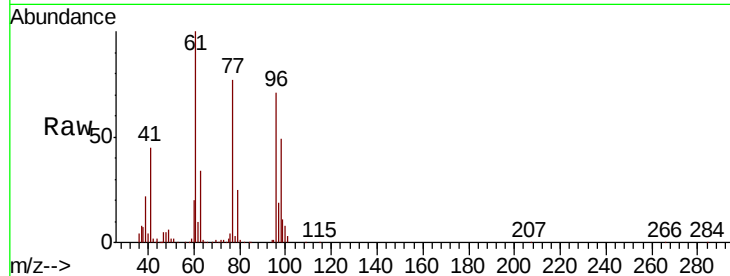
cis-1,2-Dichloroethene
Concen: 21.848 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	281.2
98	65.6	0.0	131.4

Manual Integrations
APPROVED

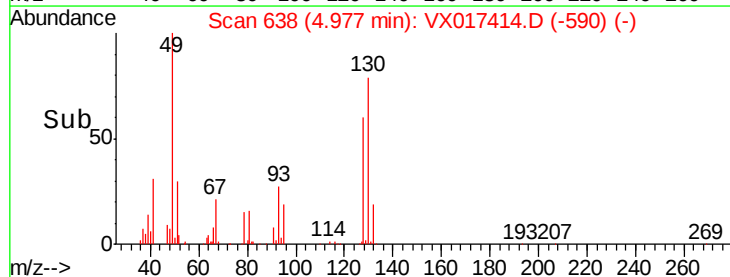
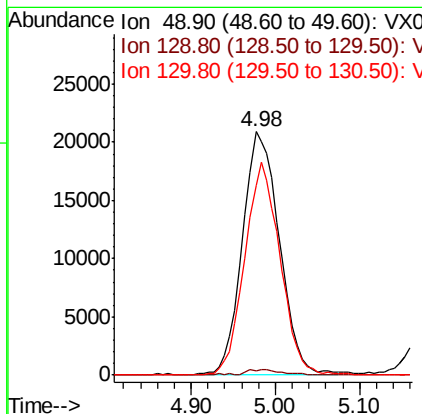
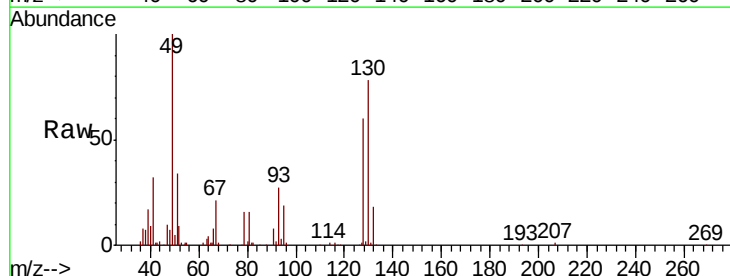
MMDadoda
7/20/2020 11:50:16 AM

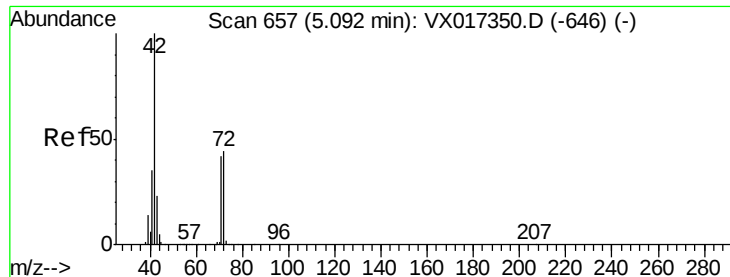


#28

Bromochloromethane
Concen: 25.922 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	83.0	71.1	106.7





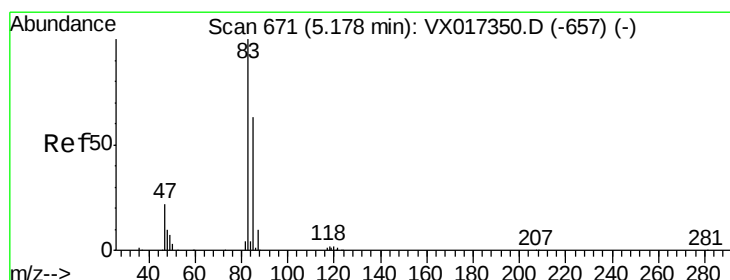
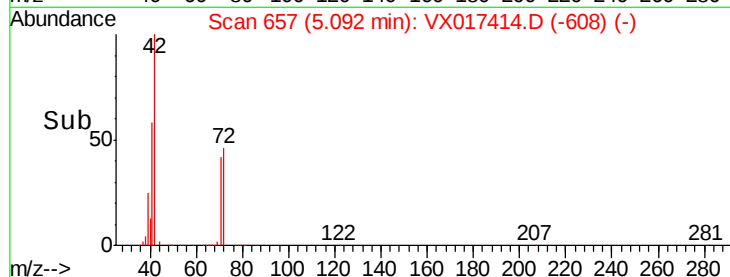
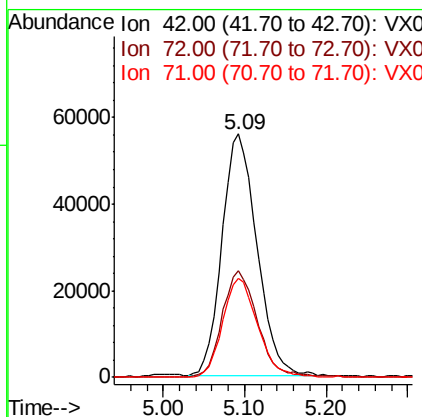
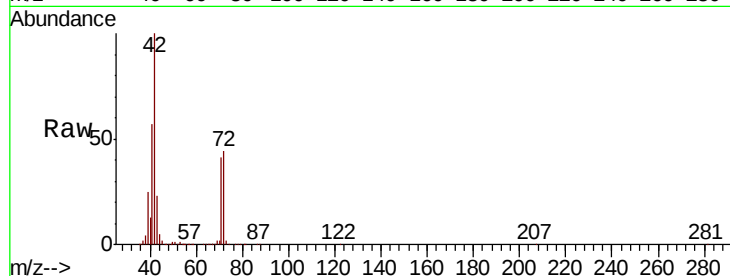
#29
Tetrahydrofuran
Concen: 122.750 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	37.2	55.8
71	40.7	34.4	51.6

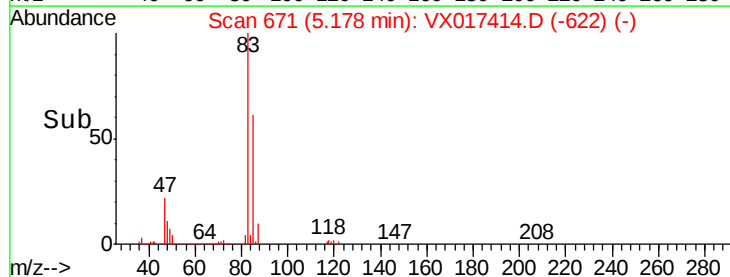
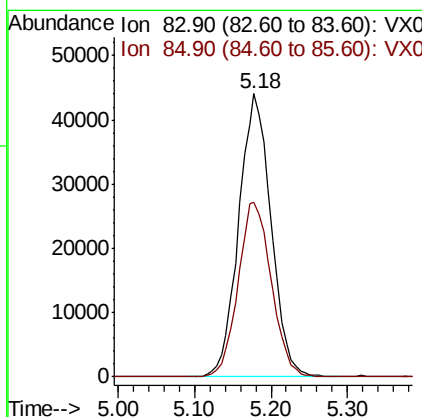
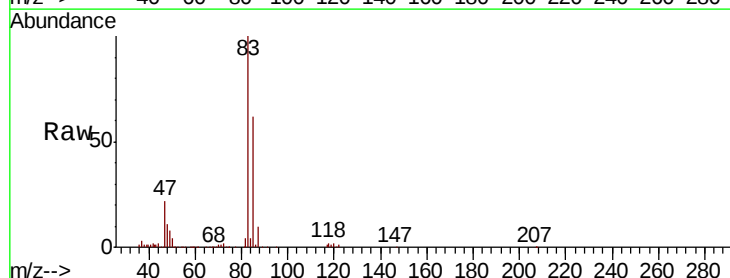
Manual Integrations
APPROVED

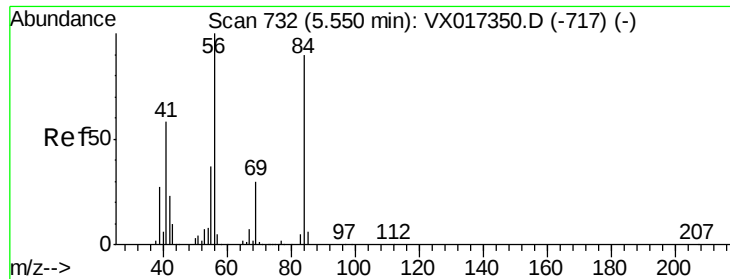
MMDadoda
7/20/2020 11:50:16 AM



#30
Chloroform
Concen: 22.984 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.2	75.4





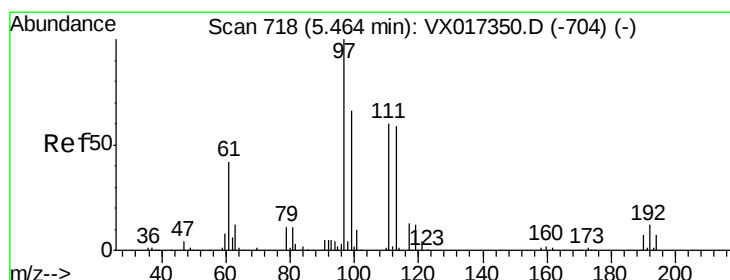
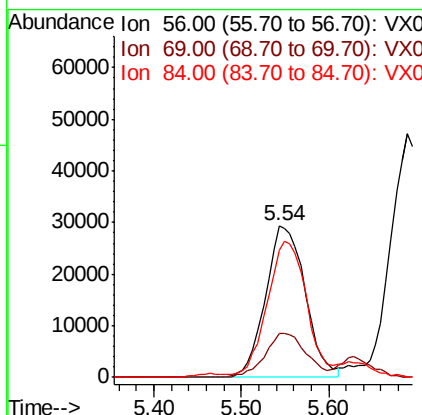
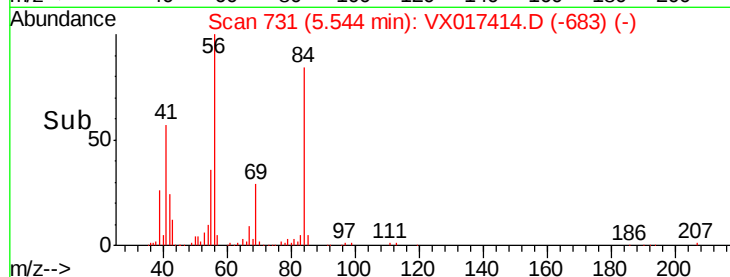
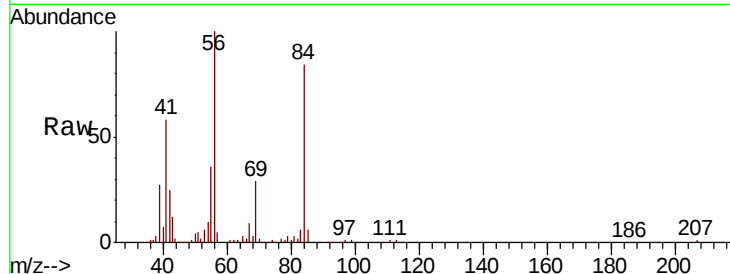
#31
Cyclohexane
Concen: 21.794 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.7	35.5
84	82.9	71.8	107.6

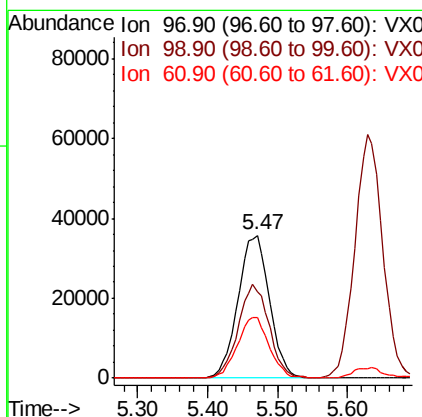
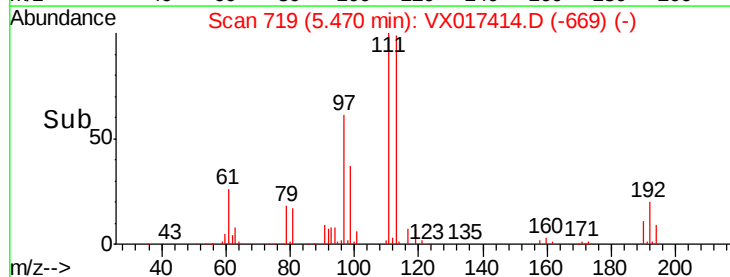
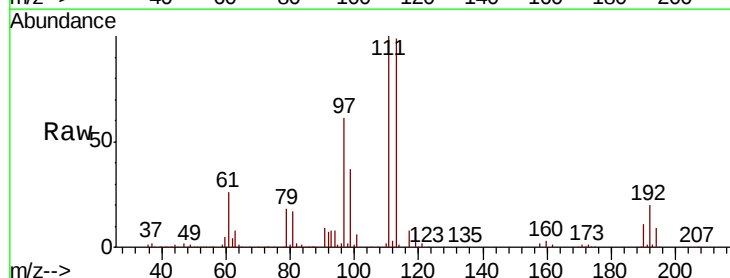
Manual Integrations
APPROVED

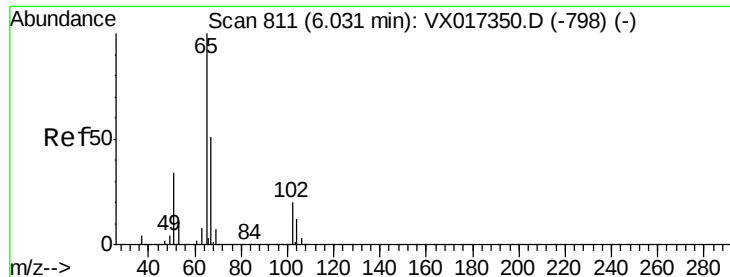
MMDadoda
7/20/2020 11:50:16 AM



#32
1,1,1-Trichloroethane
Concen: 21.565 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	42.9	32.7	49.1





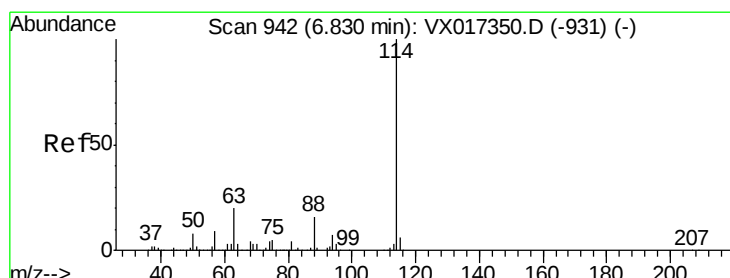
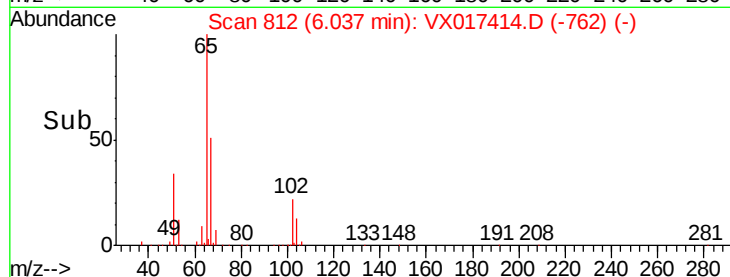
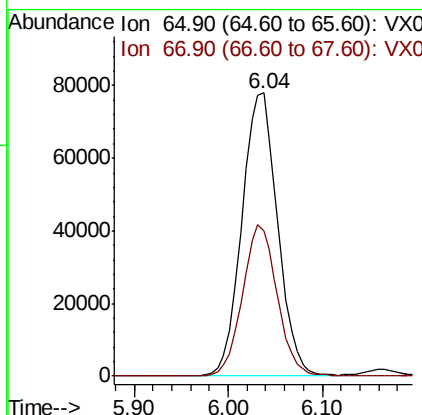
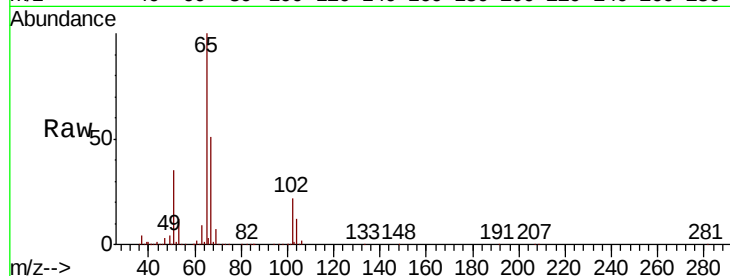
#33
 1,2-Dichloroethane-d4
 Concen: 55.879 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6

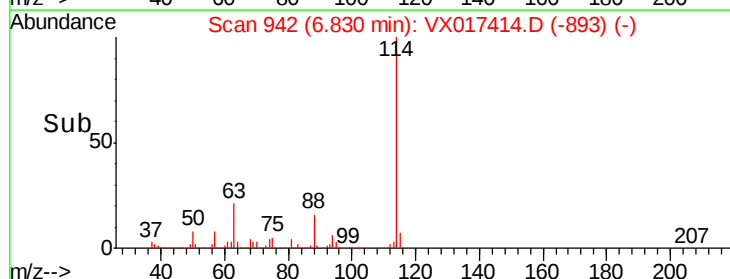
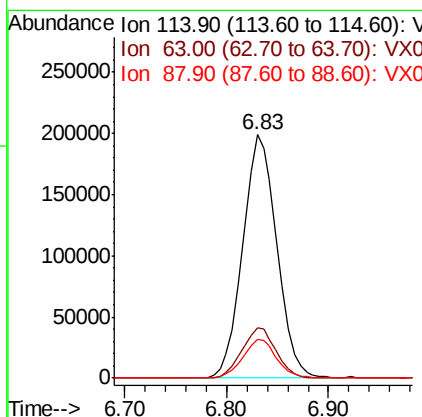
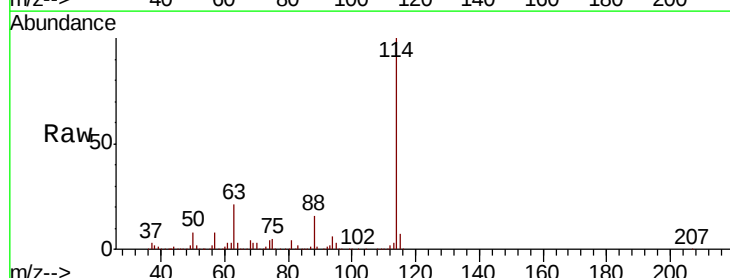
Manual Integrations
 APPROVED

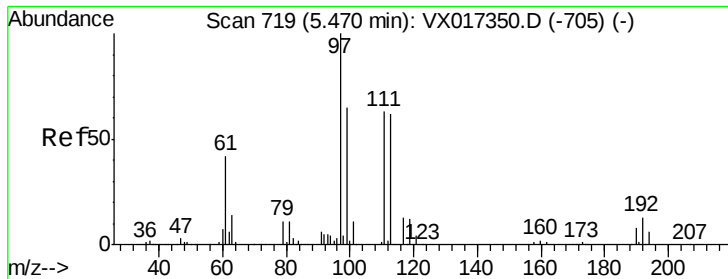
MMDadoda
 7/20/2020 11:50:16 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.0
88	15.9	0.0	32.8





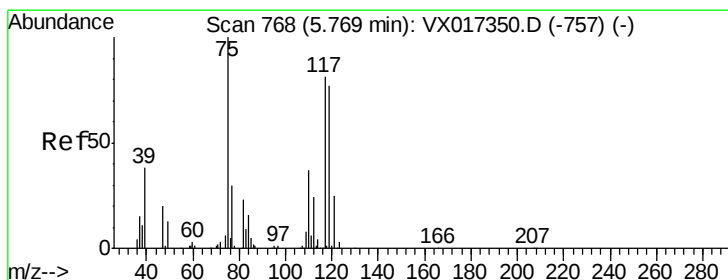
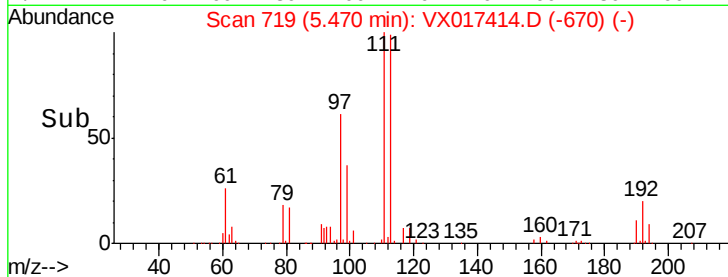
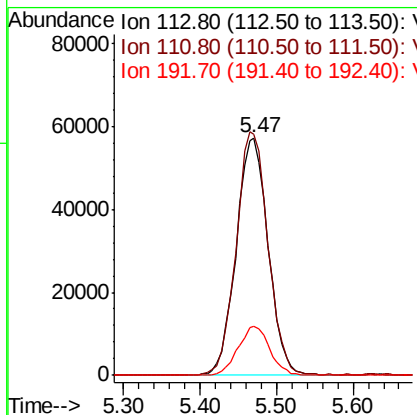
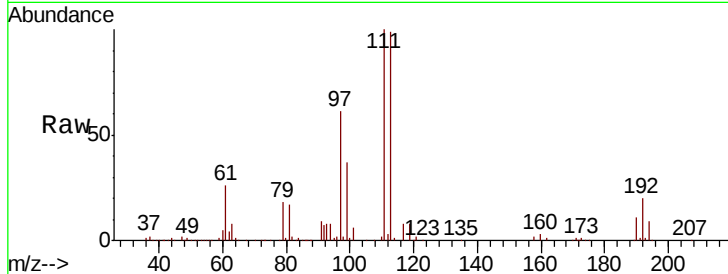
#35
 Dibromofluoromethane
 Concen: 53.215 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165728		
111	101.9	82.4	123.6	
192	20.6	17.2	25.8	

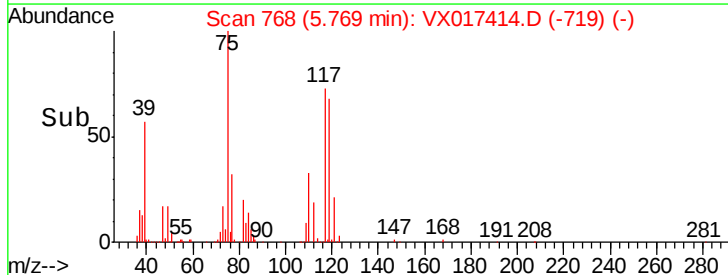
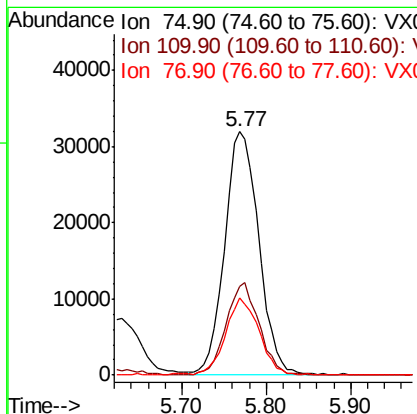
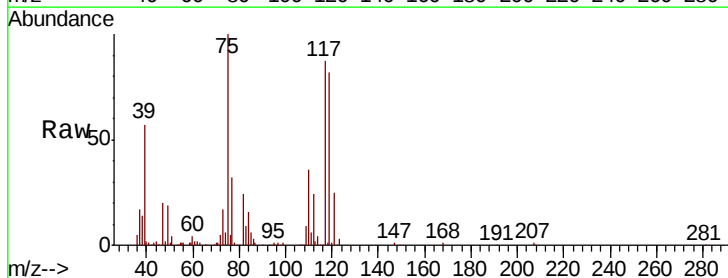
Manual Integrations
 APPROVED

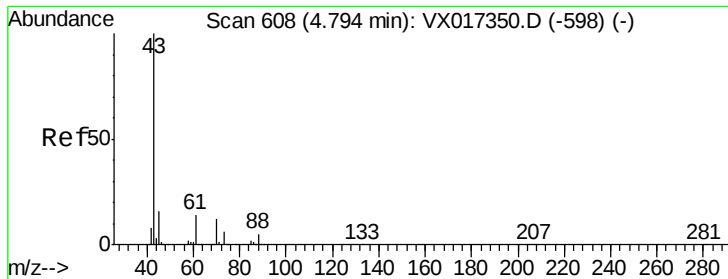
MMDadoda
 7/20/2020 11:50:16 AM



#36
 1,1-Dichloropropene
 Concen: 20.549 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87387		
110	37.1	18.6	55.8	
77	31.1	24.9	37.3	





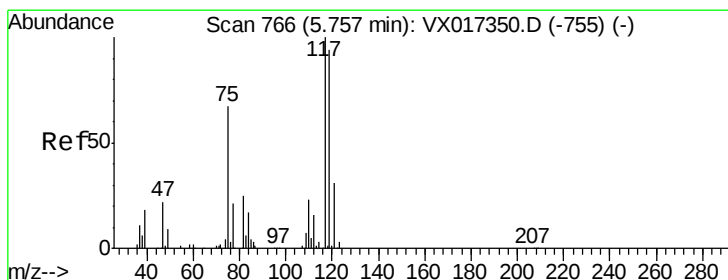
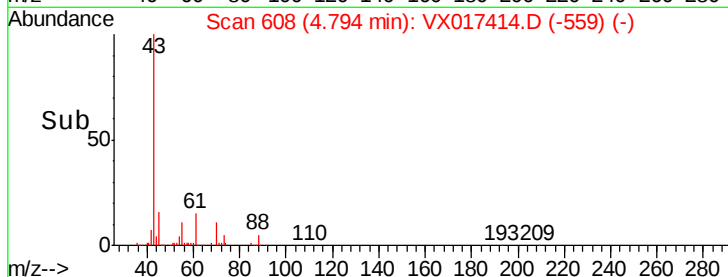
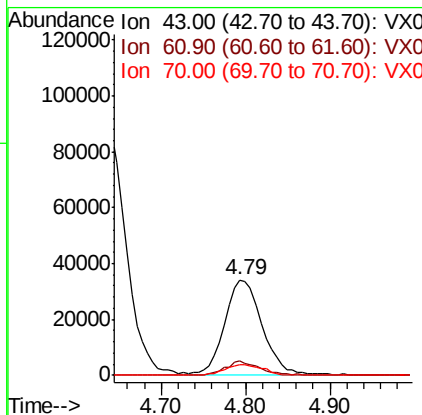
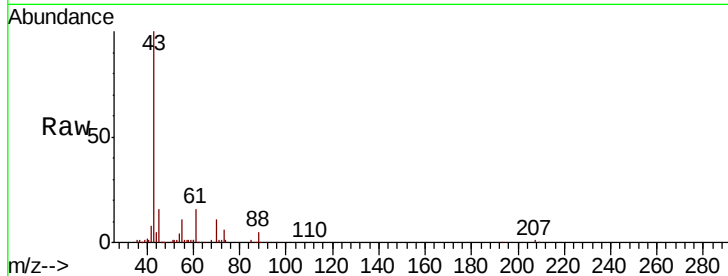
#37
Ethyl Acetate
Concen: 23.055 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	11.9	9.0	13.6

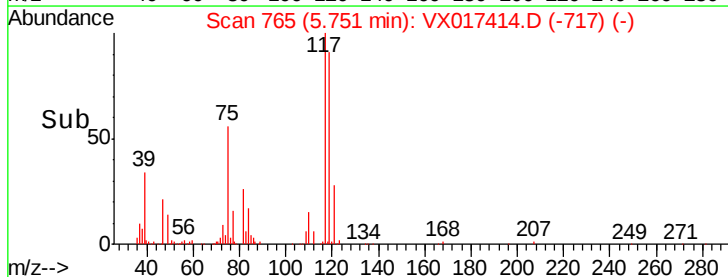
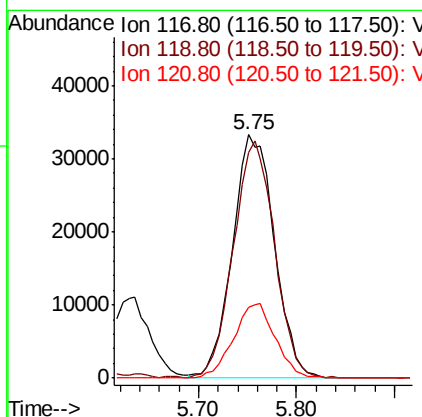
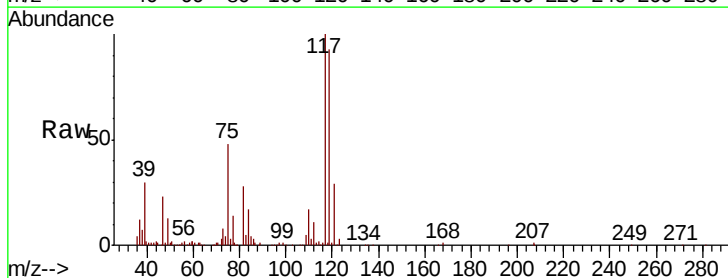
Manual Integrations
APPROVED

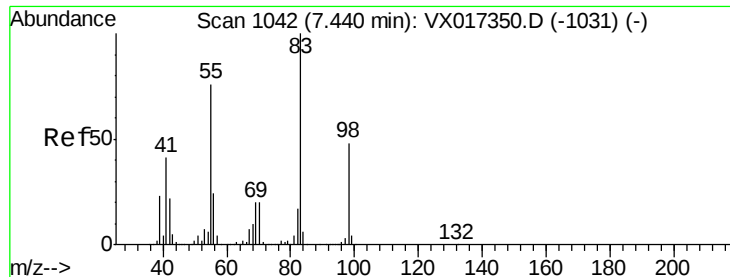
MMDadoda
7/20/2020 11:50:16 AM



#38
Carbon Tetrachloride
Concen: 19.877 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.7	112.1
121	29.3	24.5	36.7





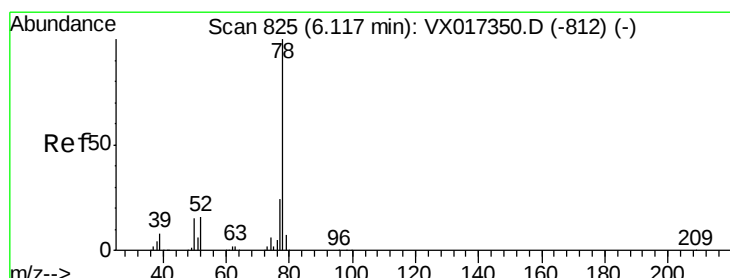
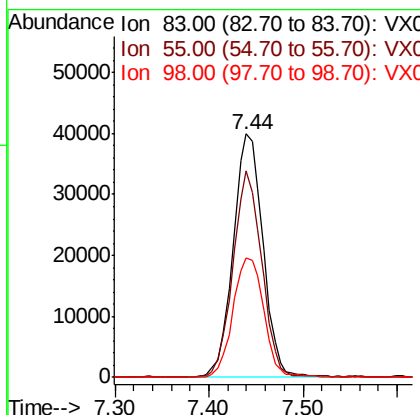
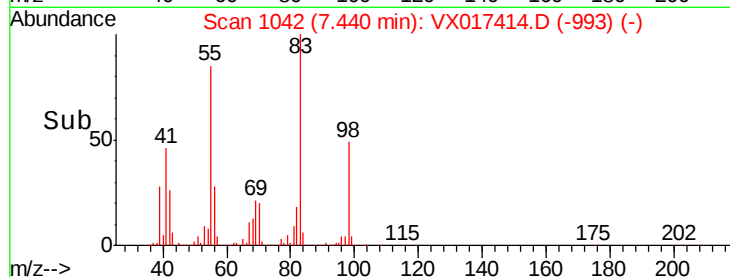
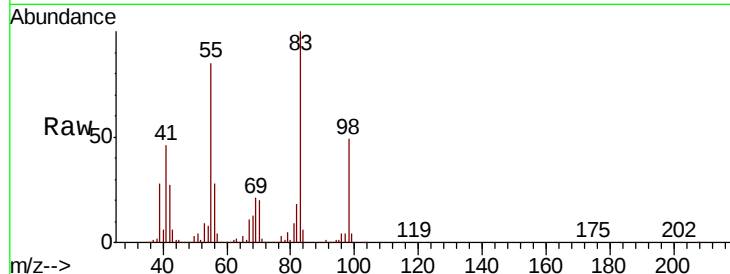
#39
Methvlcvclohexane
Concen: 18.971 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.0	61.2	91.8
98	49.2	38.1	57.1

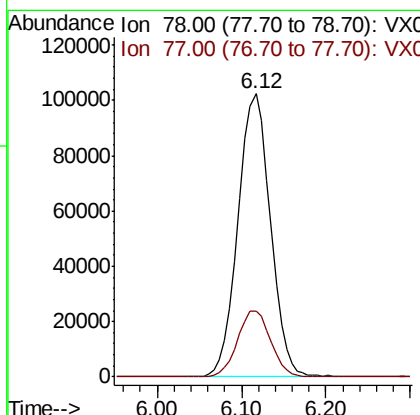
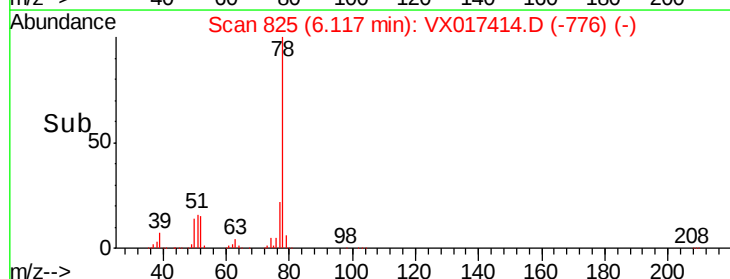
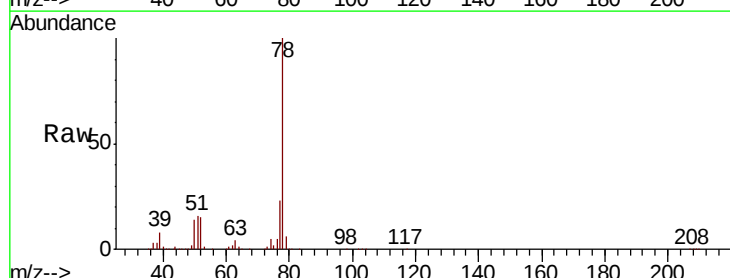
Manual Integrations
APPROVED

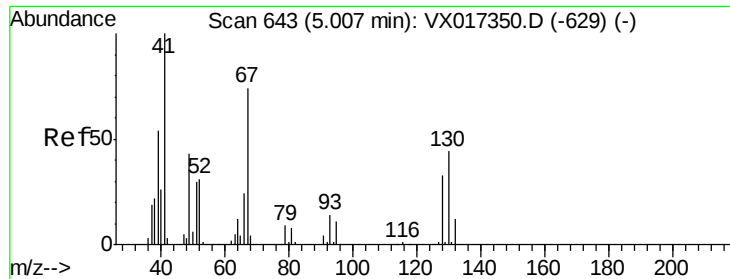
MMDadoda
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#40
Benzene
Concen: 21.856 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3





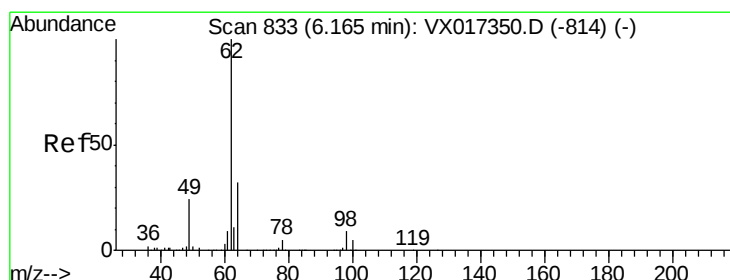
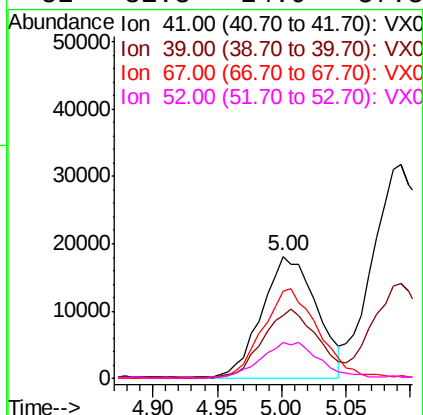
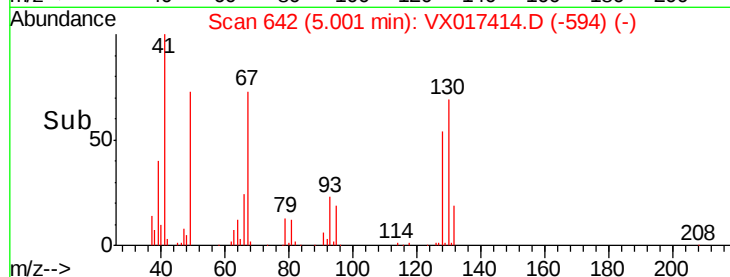
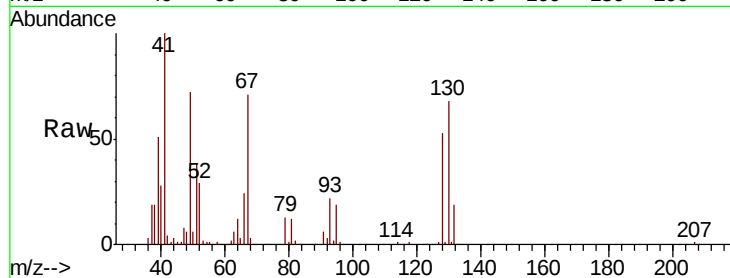
#41
Methacrylonitrile
Concen: 22.579 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	43.8	65.8	
67	74.8	58.7	88.1	
52	31.3	24.9	37.3	

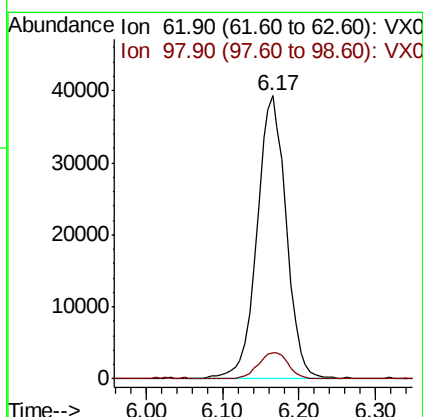
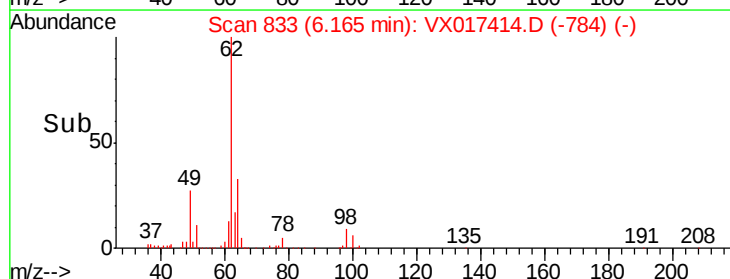
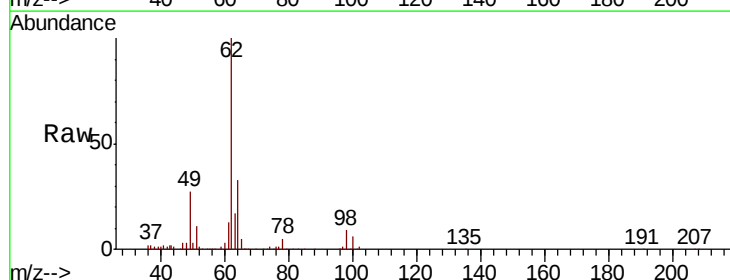
Manual Integrations
APPROVED

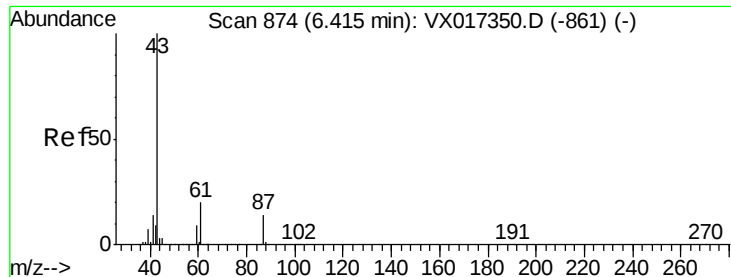
MMDadoda
7/20/2020 11:50:16 AM



#42
1,2-Dichloroethane
Concen: 22.061 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.4	





#43

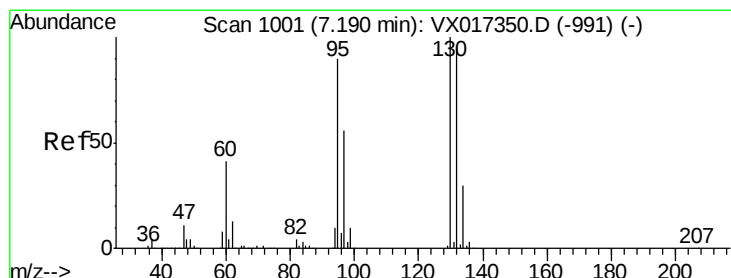
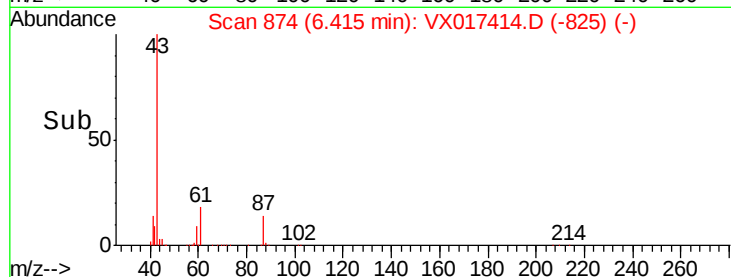
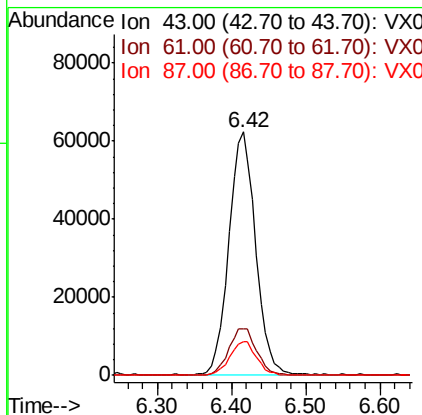
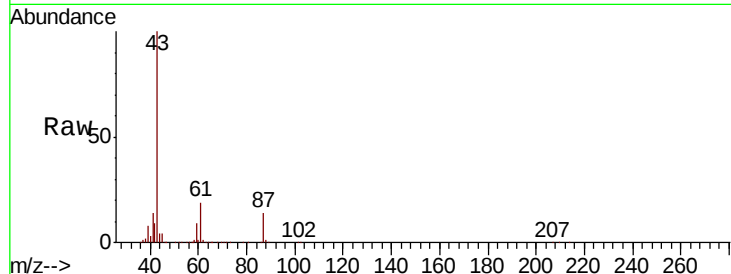
Isopropyl Acetate
 Concen: 22.276 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.4	24.6
87	14.0	11.2	16.8

Manual Integrations
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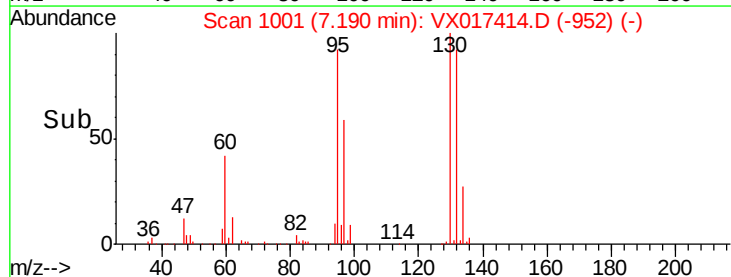
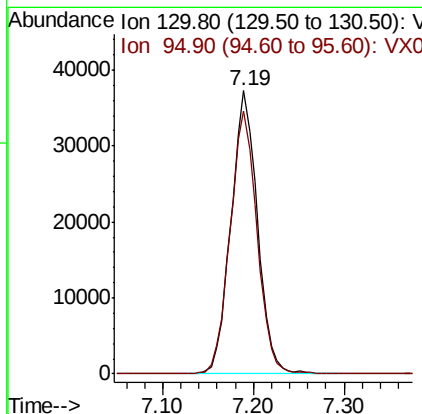
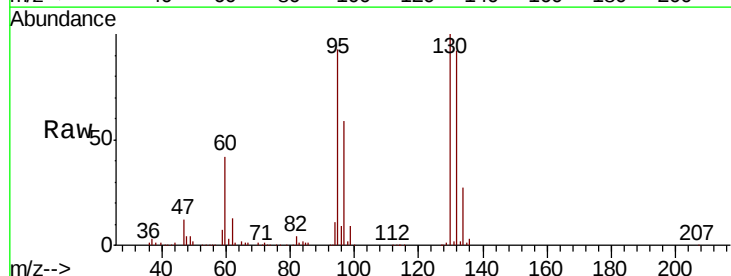
MMDadoda
 7/20/2020 11:50:16 AM

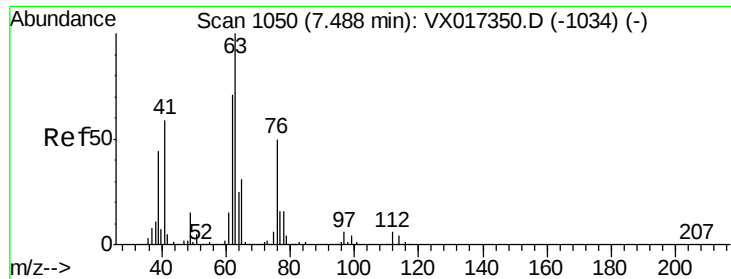


#44

Trichloroethene
 Concen: 20.236 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	180.2





#45

1,2-Dichloropropane

Concen: 23.027 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 63 Resp: 72010

Ion Ratio Lower Upper

63 100

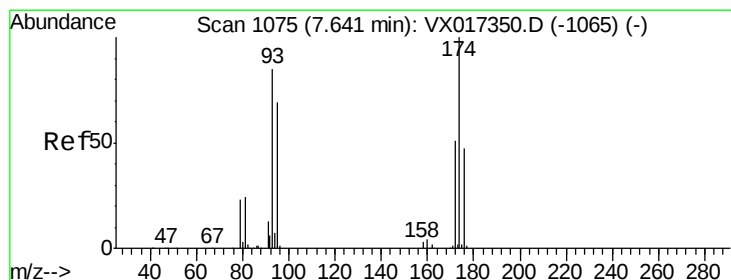
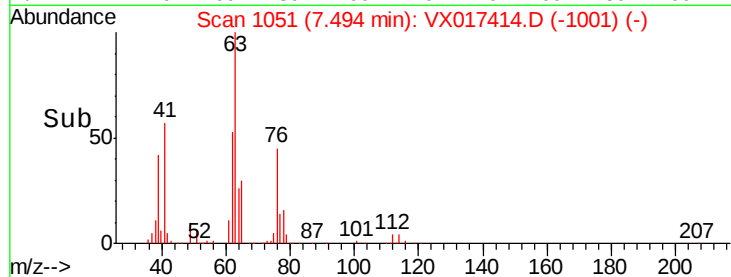
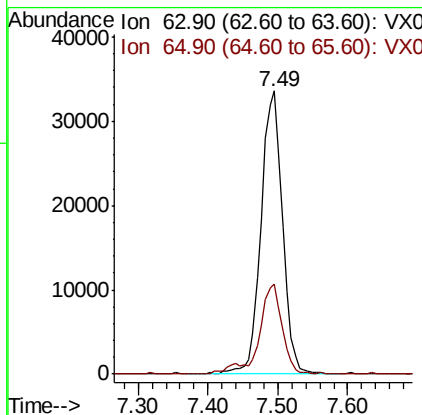
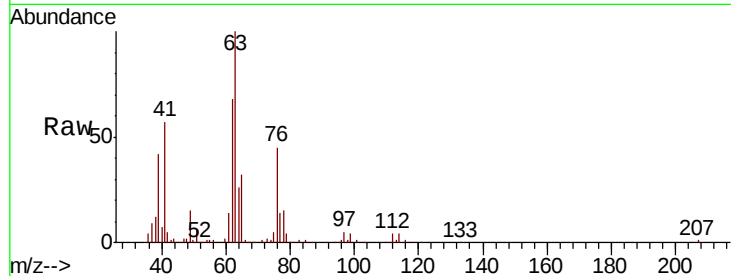
65 32.0 24.5 36.7

Manual Integrations

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7/20/2020 11:50:16 AM



#46

Dibromomethane

Concen: 22.551 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

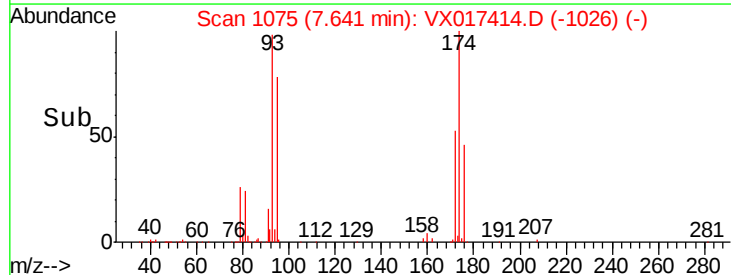
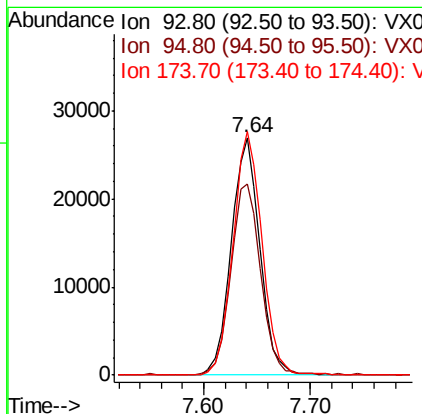
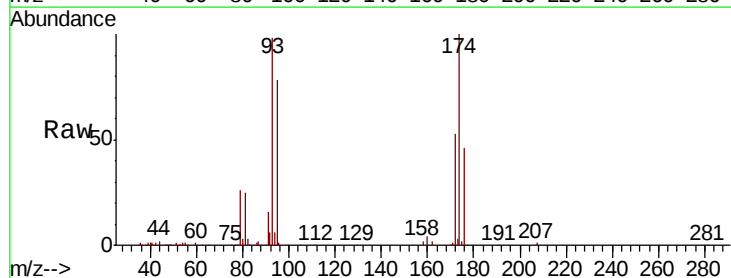
Tgt Ion: 93 Resp: 50859

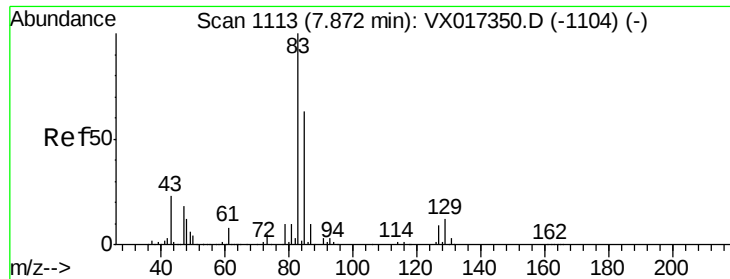
Ion Ratio Lower Upper

93 100

95 84.0 65.4 98.2

174 103.7 91.2 136.8





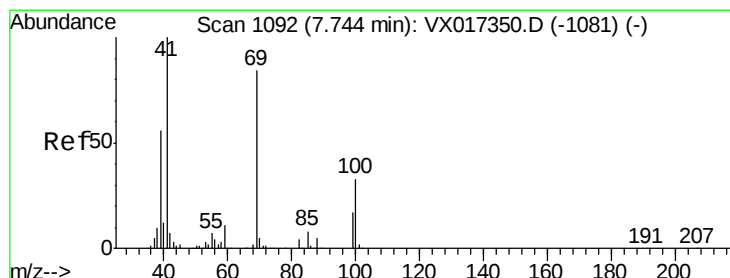
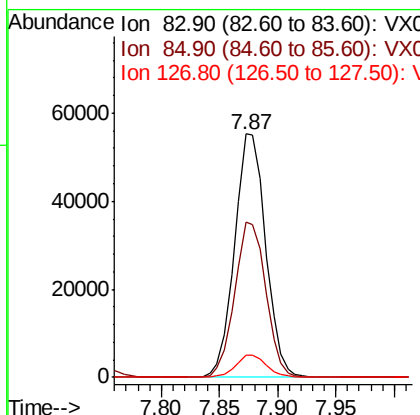
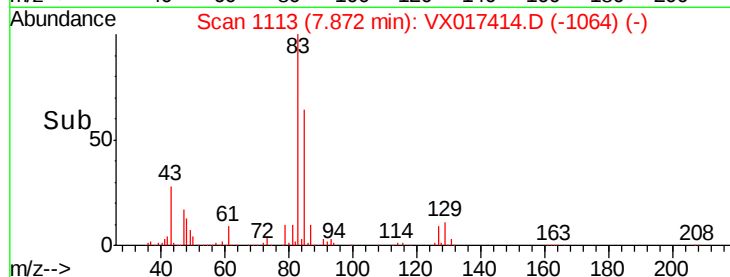
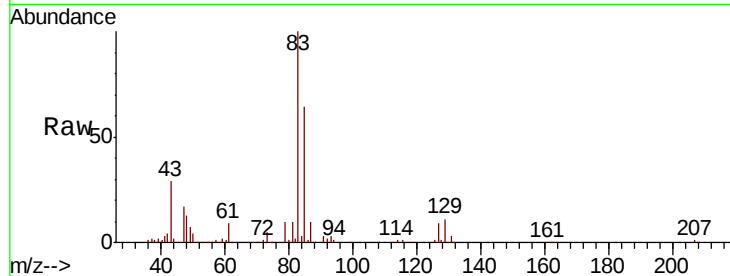
#47
Bromodichloromethane
Concen: 21.890 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.2	75.4
127	9.3	7.1	10.7

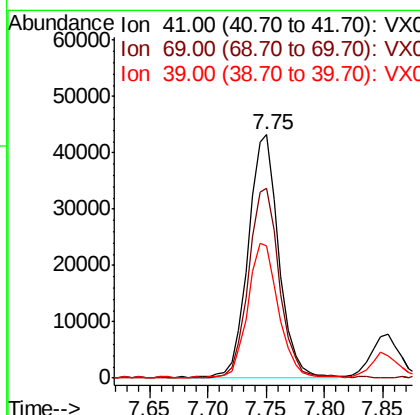
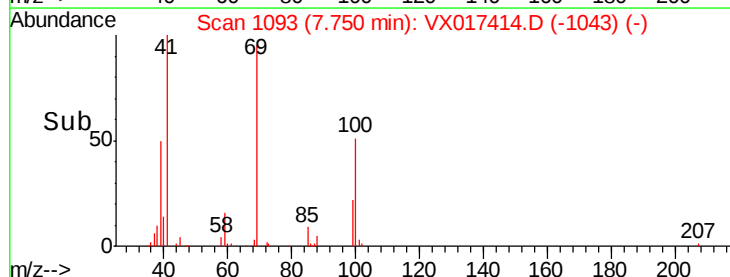
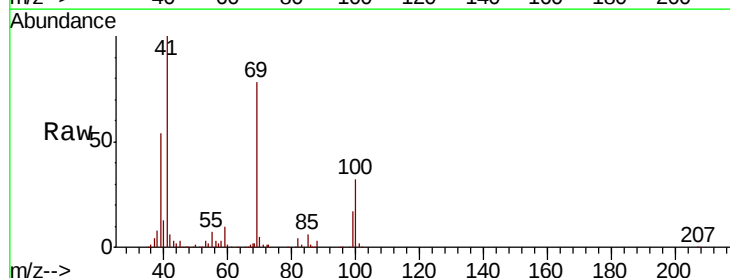
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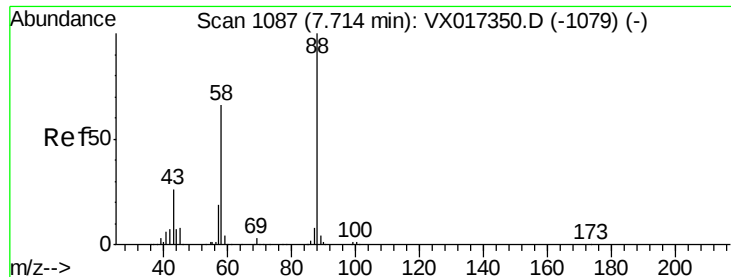
MMDadoda
7/20/2020 11:50:16 AM



#48
Methyl methacrylate
Concen: 23.303 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.6	67.8	101.6
39	55.8	45.1	67.7





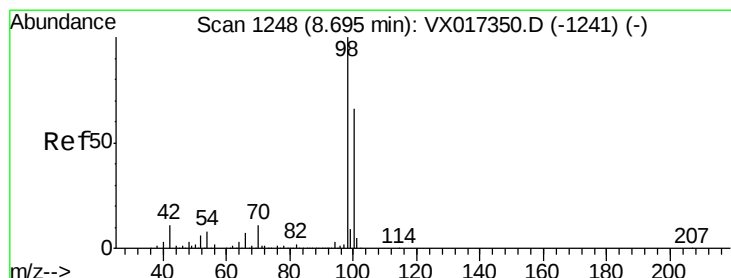
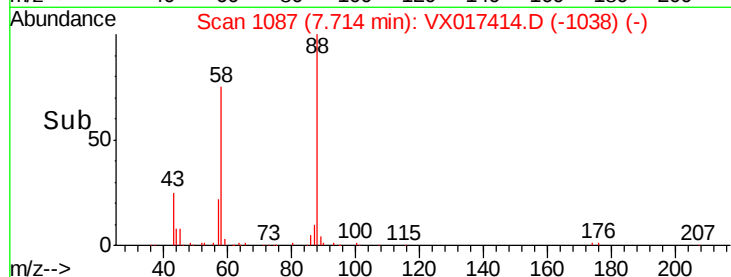
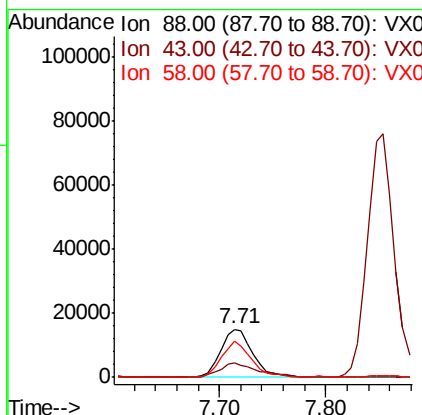
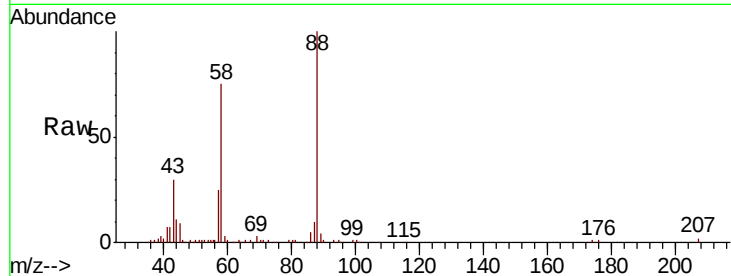
#49
 1,4-Dioxane
 Concen: 456.291 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.6	38.4
58	70.8	53.9	80.9

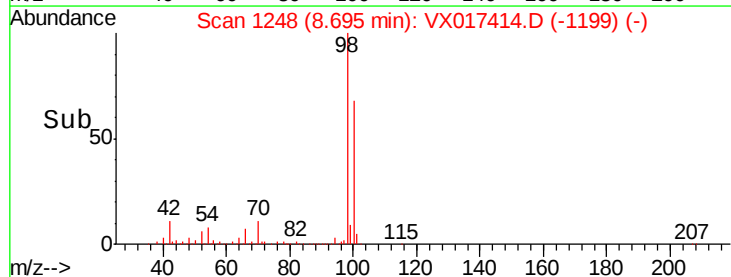
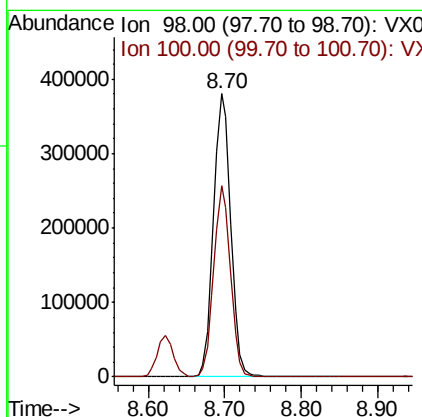
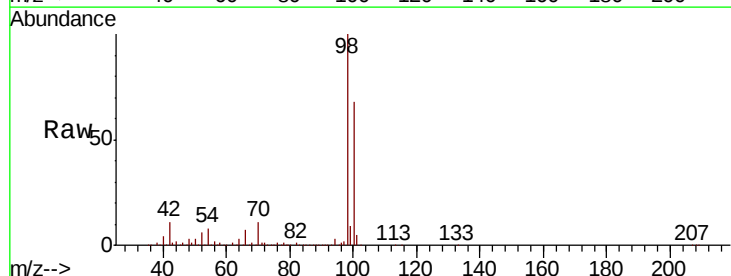
Manual Integrations
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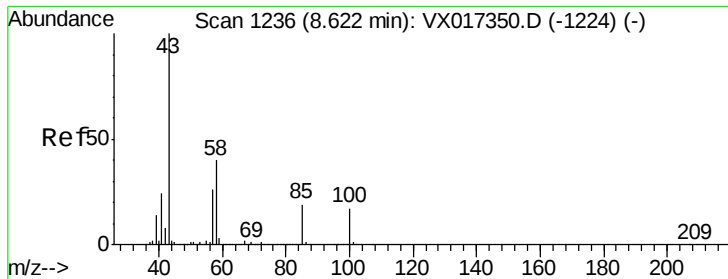
MMDadoda
 7/20/2020 11:50:16 AM



#50
 Toluene-d8
 Concen: 52.808 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 120.681 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 43 Resp: 517109

Ion Ratio Lower Upper

43 100

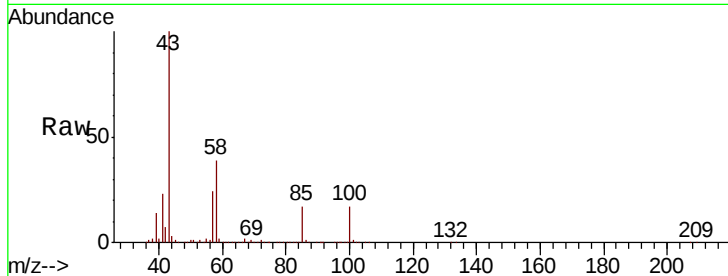
58 39.1 32.2 48.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

400000

300000

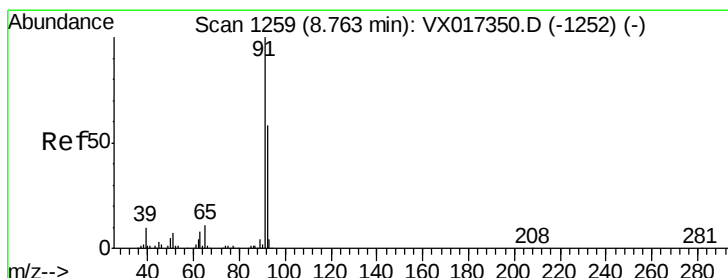
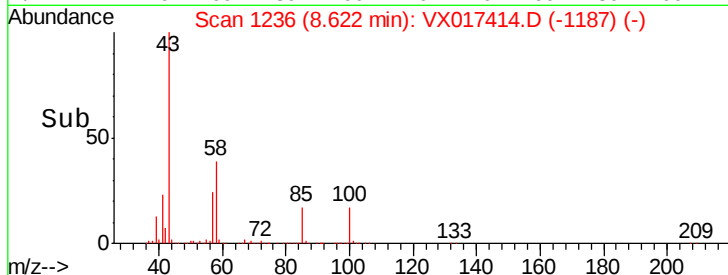
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 21.289 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017414.D

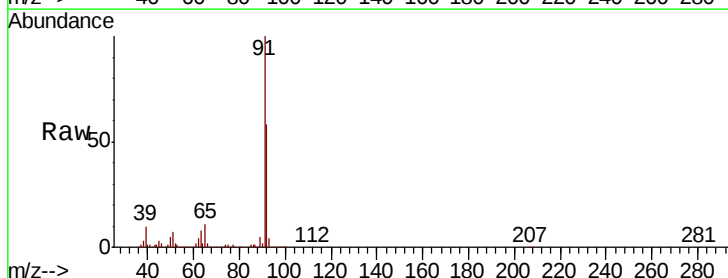
Acq: 17 Jul 2020 13:09

Tgt Ion: 92 Resp: 166960

Ion Ratio Lower Upper

92 100

91 173.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

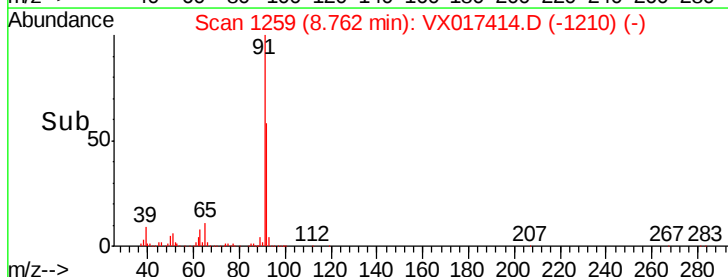
100000

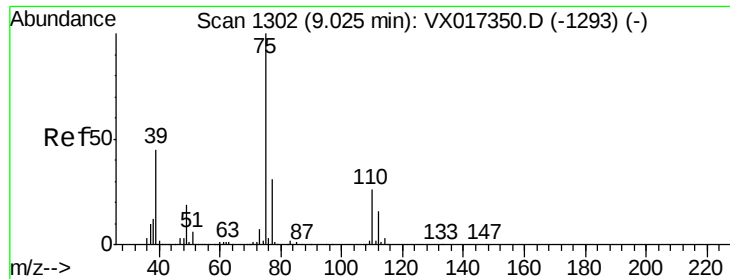
50000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.148 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 75 Resp: 107426

Ion Ratio Lower Upper

75 100

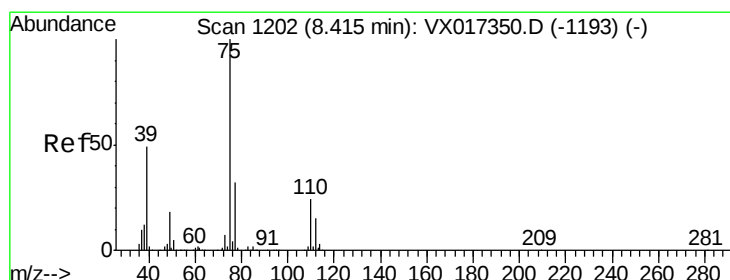
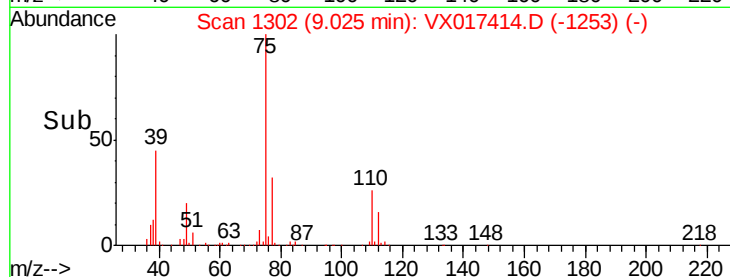
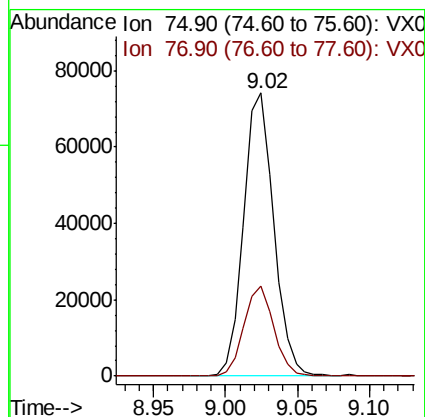
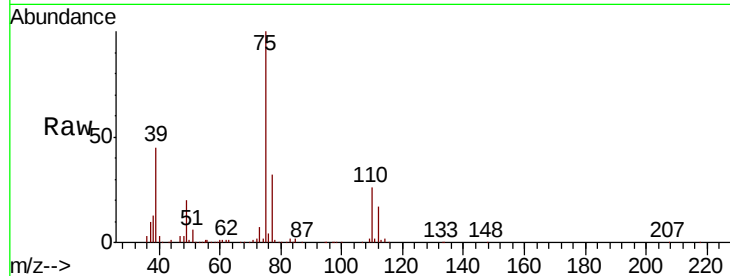
77 31.9 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.910 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

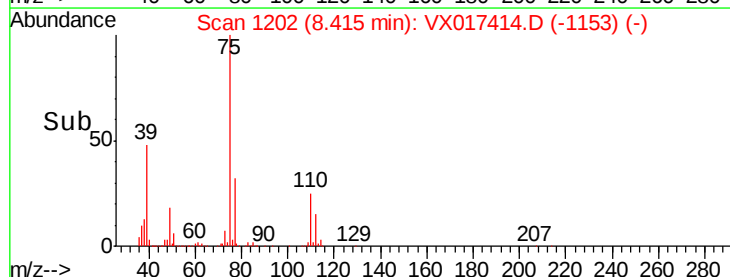
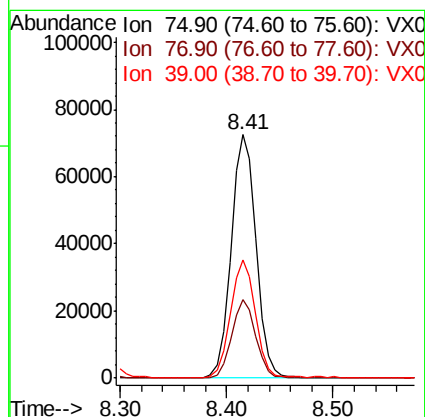
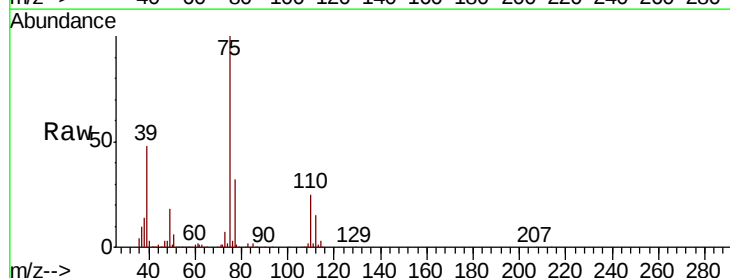
Tgt Ion: 75 Resp: 118703

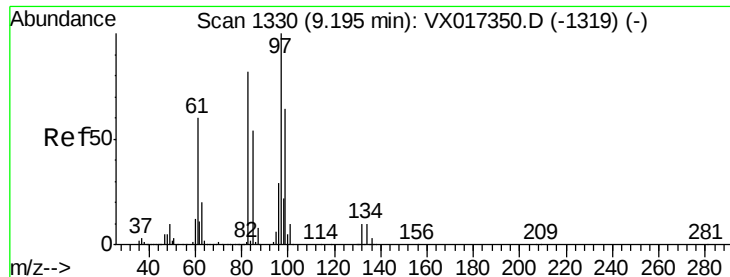
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 48.3 38.9 58.3





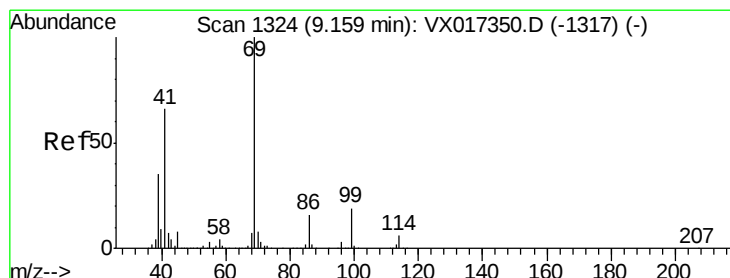
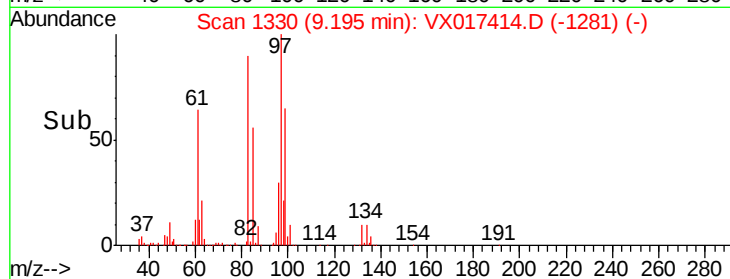
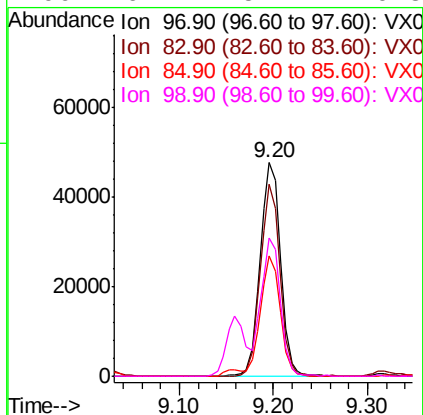
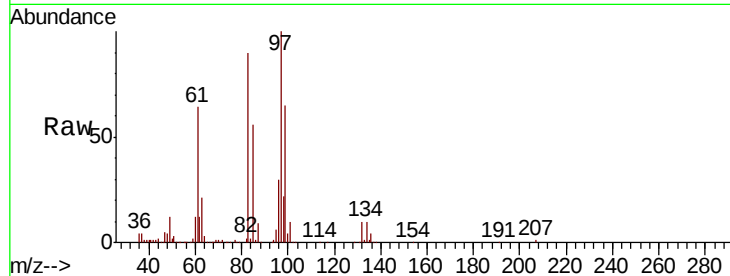
#55
 1,1,2-Trichloroethane
 Concen: 22.236 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion:	97	Resp:	72720
Ion	Ratio	Lower	Upper
97	100		
83	90.0	65.8	98.6
85	56.3	42.8	64.2
99	64.7	51.2	76.8

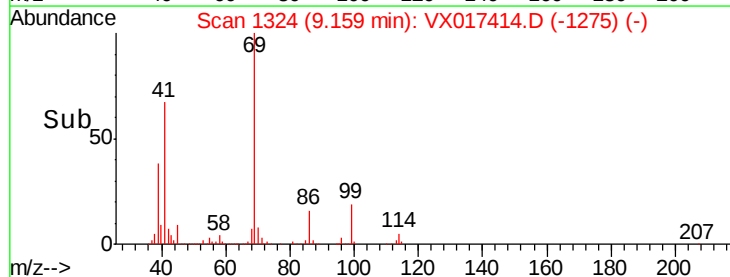
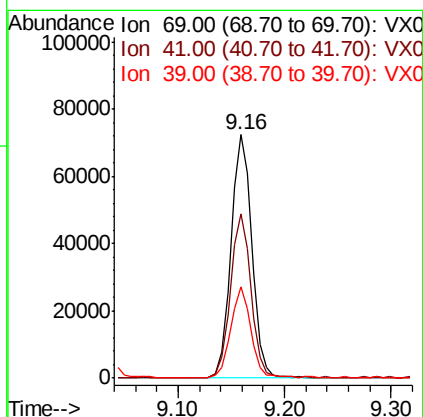
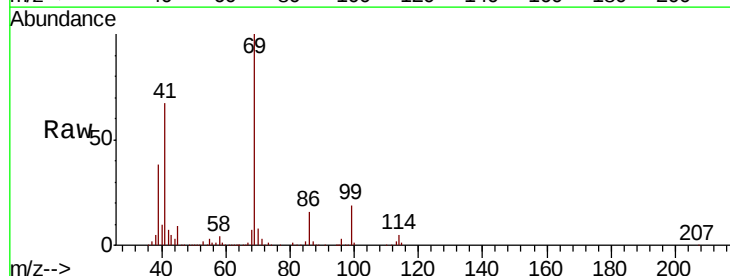
Manual Integrations
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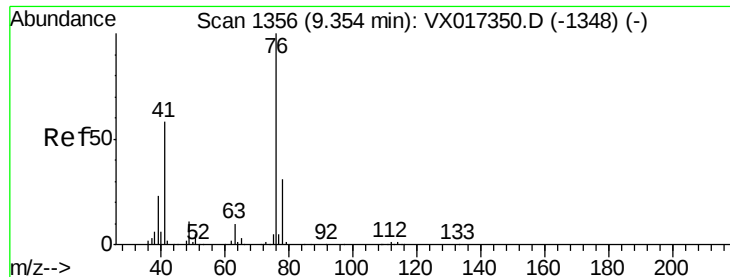
MMDadoda
 7/20/2020 11:50:16 AM



#56
 Ethyl methacrylate
 Concen: 21.532 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion:	69	Resp:	99975
Ion	Ratio	Lower	Upper
69	100		
41	67.3	52.6	78.8
39	36.1	28.8	43.2





#57

1,3-Dichloropropane

Concen: 22.229 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 76 Resp: 120928

Ion Ratio Lower Upper

76 100

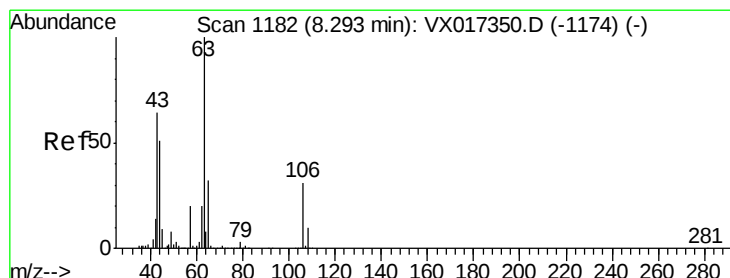
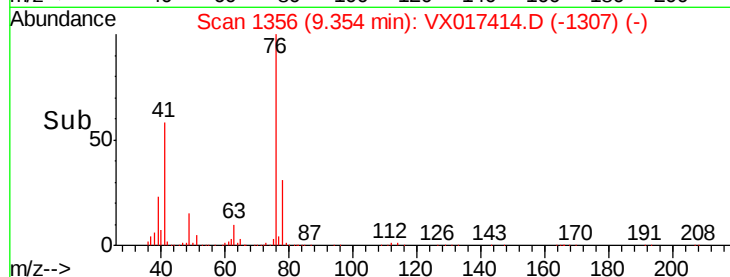
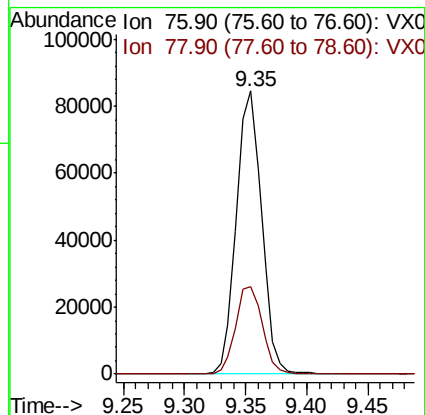
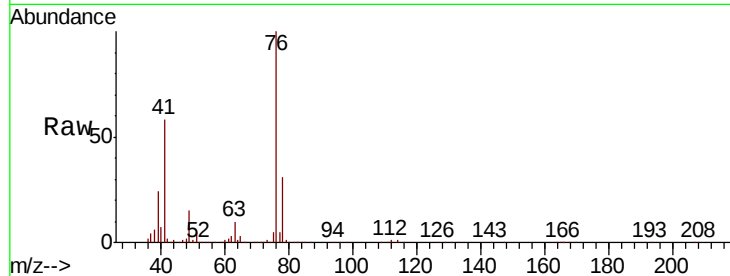
78 32.7 25.8 38.6

Manual Integrations

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7/20/2020 11:50:16 AM



#58

2-Chloroethyl Vinyl ether

Concen: 116.216 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017414.D

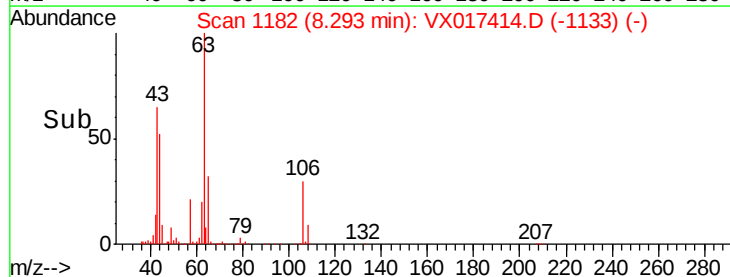
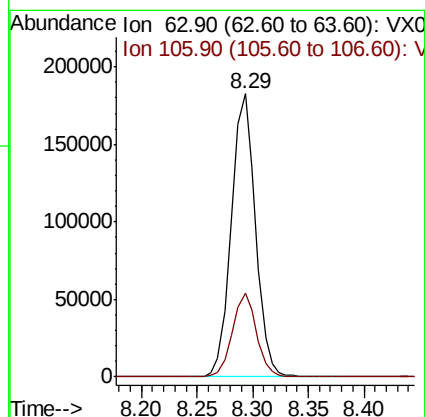
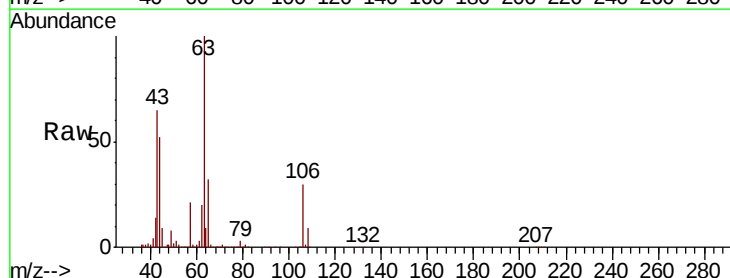
Acq: 17 Jul 2020 13:09

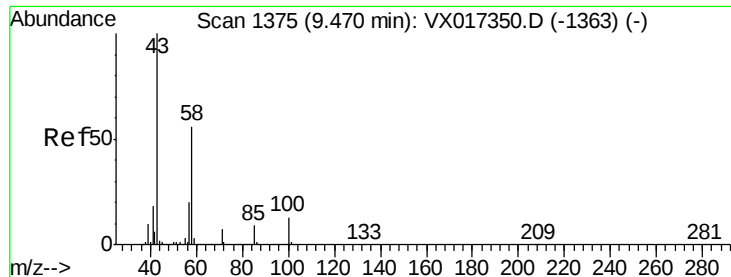
Tgt Ion: 63 Resp: 273980

Ion Ratio Lower Upper

63 100

106 29.5 24.8 37.2





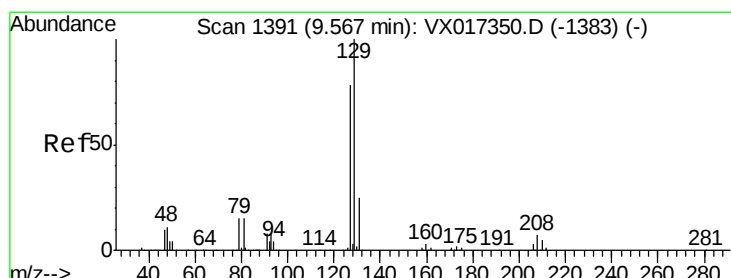
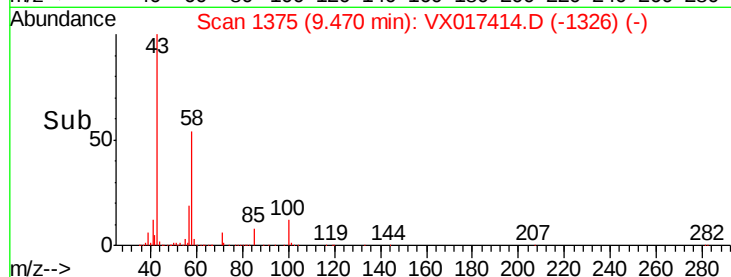
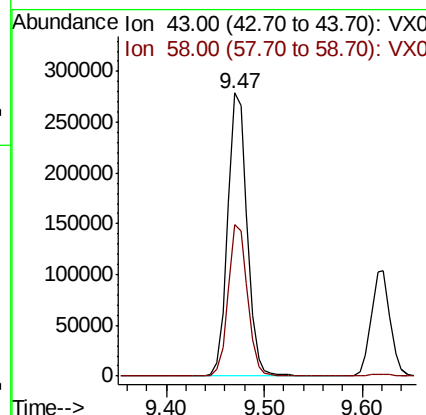
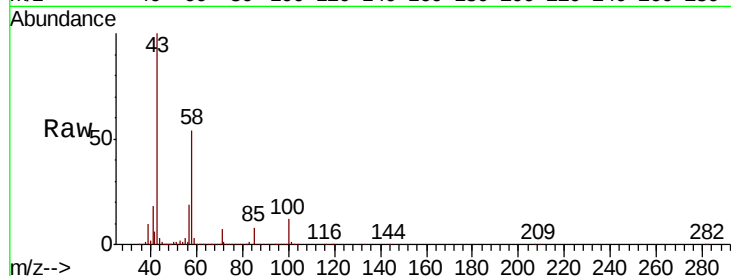
#59
2-Hexanone
Concen: 118.446 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion: 43 Resp: 383064
Ion Ratio Lower Upper
43 100
58 53.3 28.1 84.3

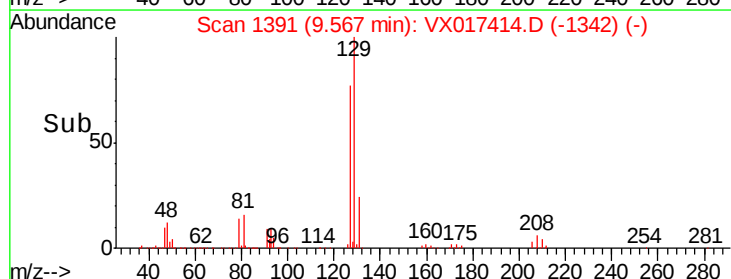
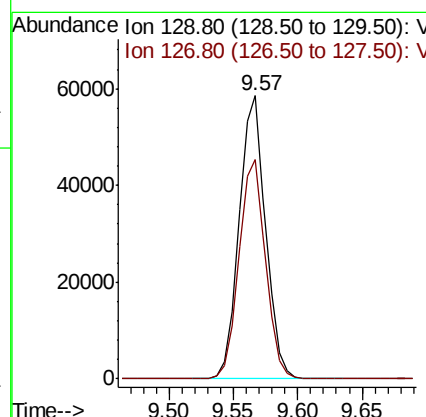
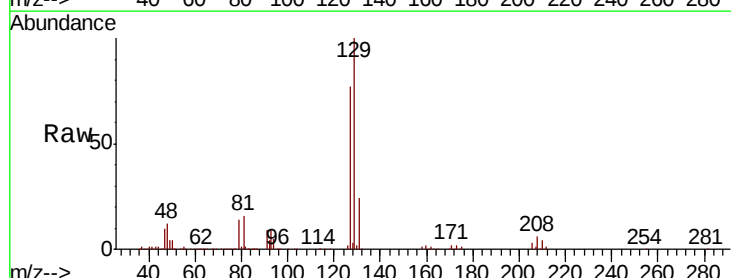
Manual Integrations
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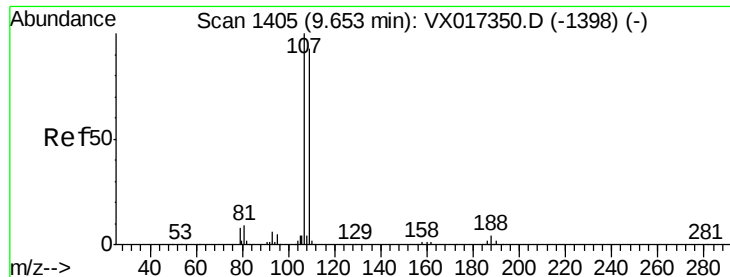
MMDadoda
7/20/2020 11:50:16 AM



#60
Dibromochloromethane
Concen: 20.876 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 129 Resp: 83405
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.819 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:107 Resp: 77624

Ion Ratio Lower Upper

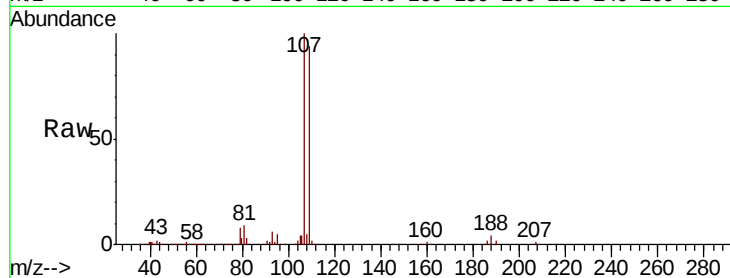
107 100

109 94.8 75.0 112.4

Manual Integrations
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7/20/2020 11:50:16 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

60000

50000

40000

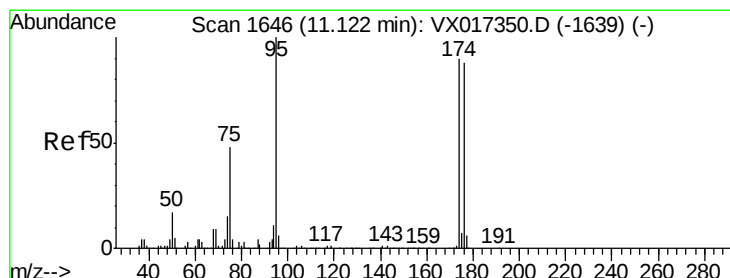
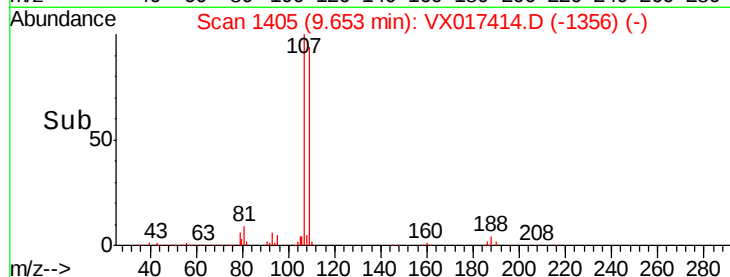
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.000 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

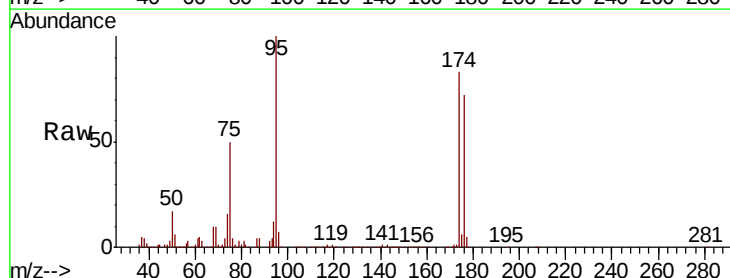
Tgt Ion: 95 Resp: 227576

Ion Ratio Lower Upper

95 100

174 82.1 0.0 175.8

176 77.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

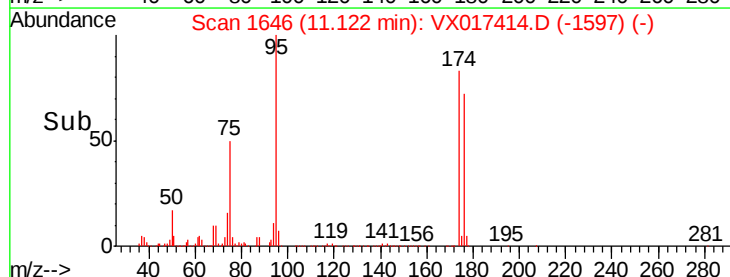
150000

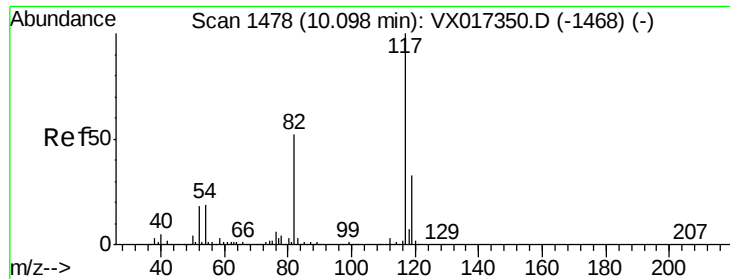
100000

50000

0

Time-->





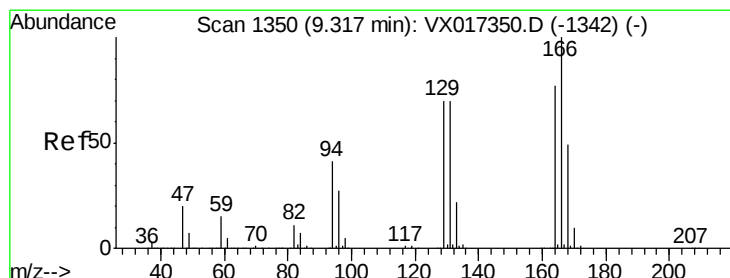
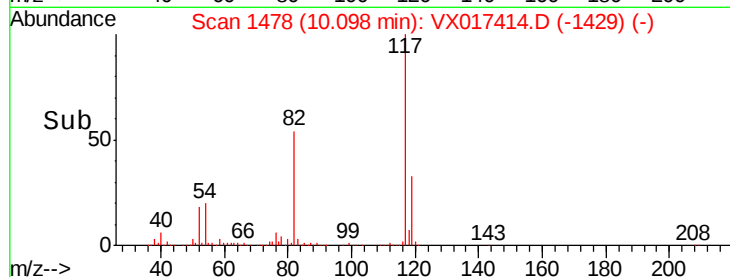
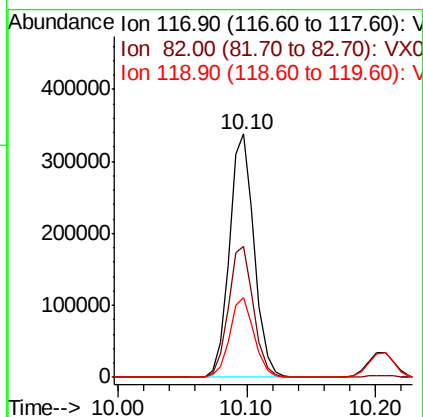
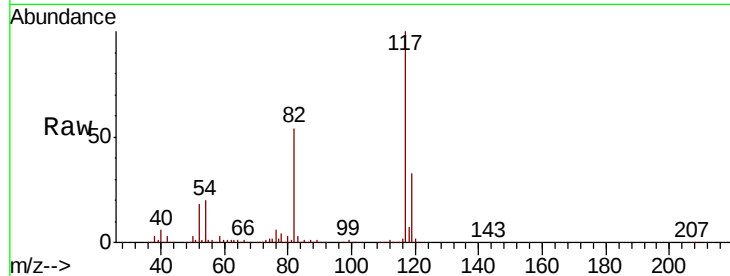
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.0	63.0
119	32.9	26.3	39.5

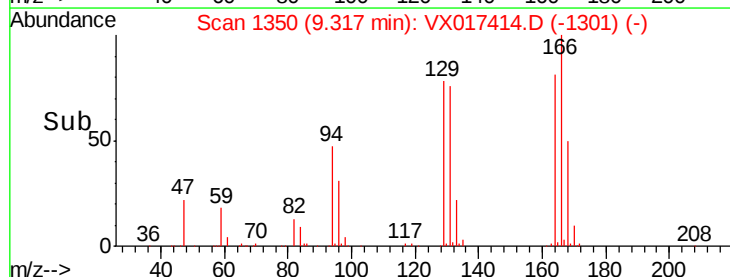
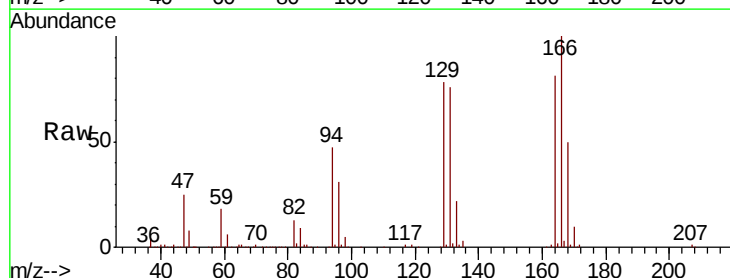
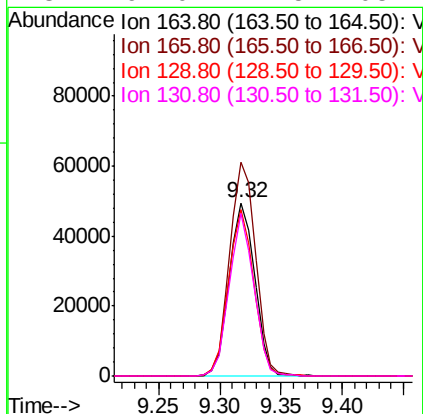
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.165 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	103.9	155.9
129	96.2	72.9	109.3
131	94.0	72.5	108.7





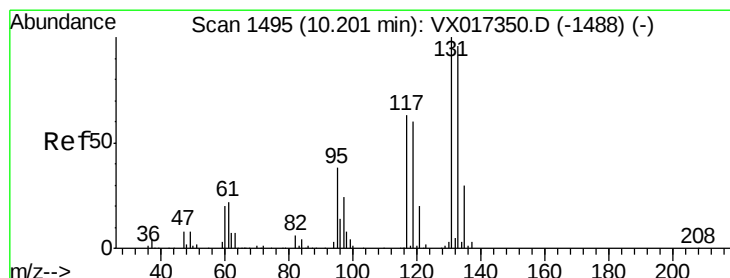
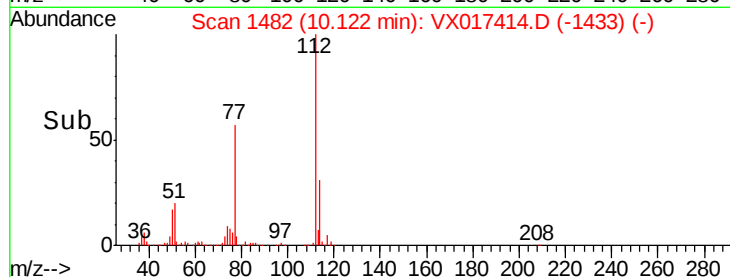
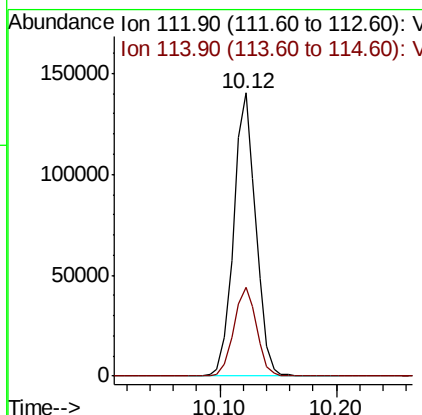
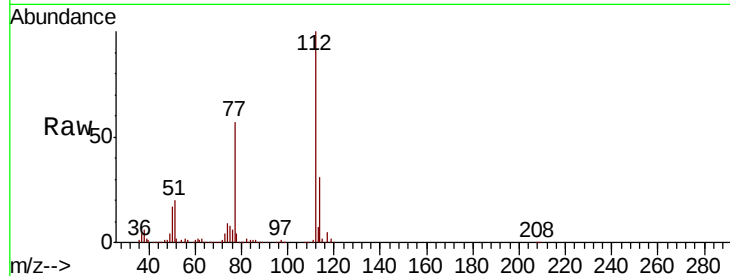
#65
Chlorobenzene
Concen: 20.152 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.0	39.0

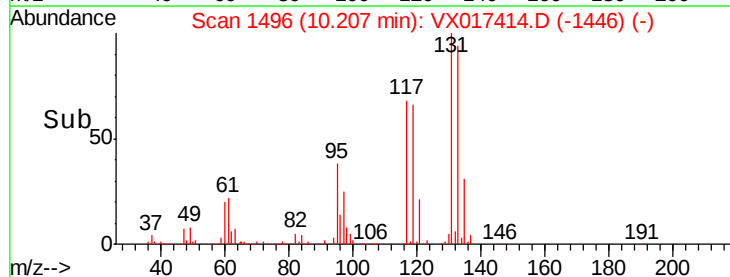
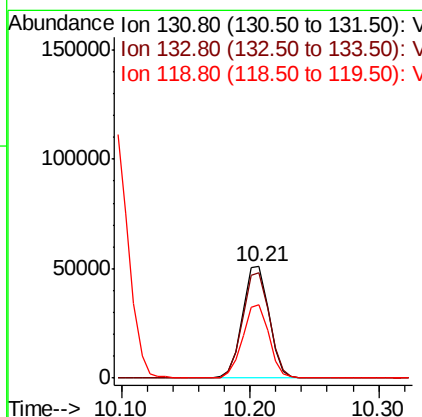
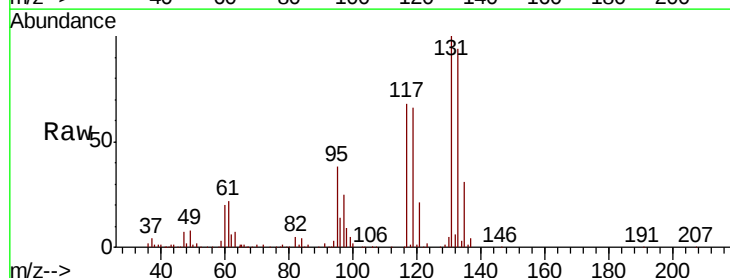
Manual Integrations
APPROVED

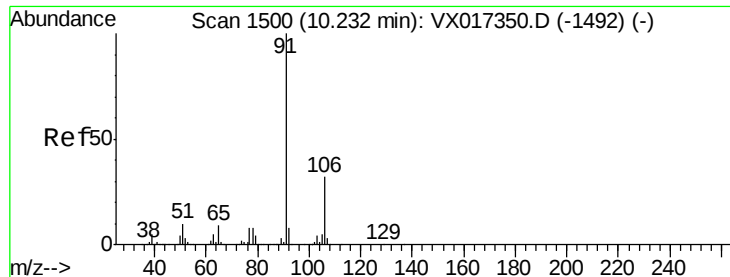
MMDadoda
7/20/2020 11:50:16 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.807 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	48.4	145.2
119	65.3	31.2	93.6





#67

Ethyl Benzene

Concen: 19.707 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion: 91 Resp: 302506

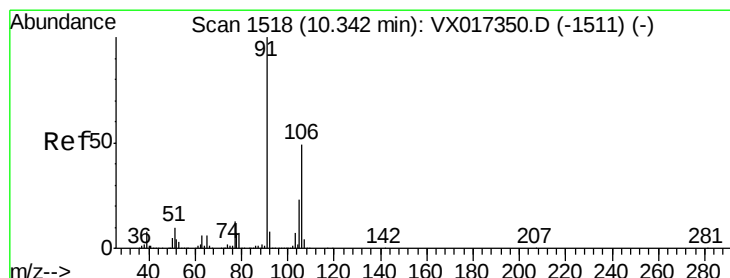
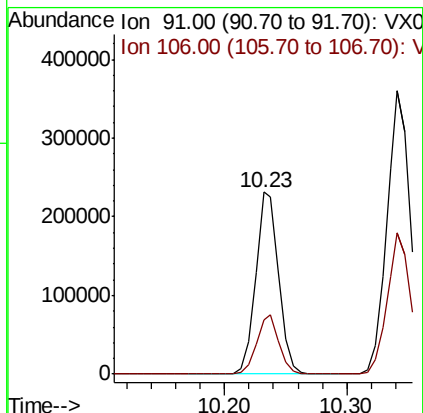
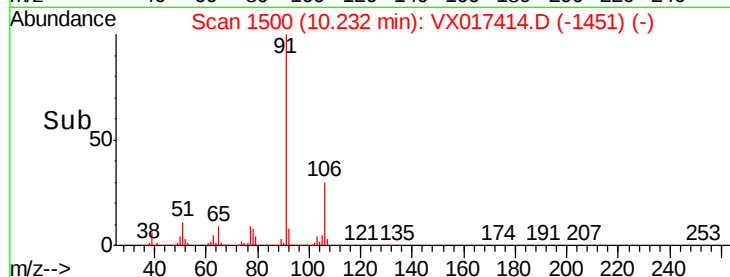
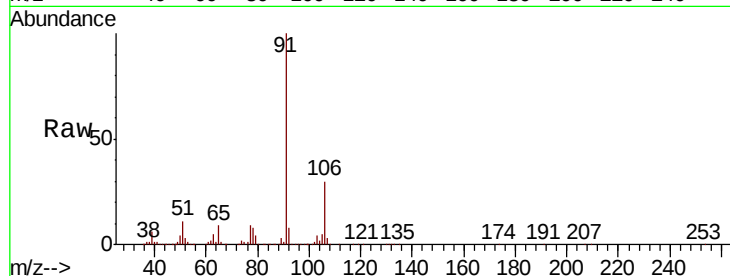
Ion Ratio Lower Upper

91 100

106 29.5 25.7 38.5

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 40.591 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017414.D

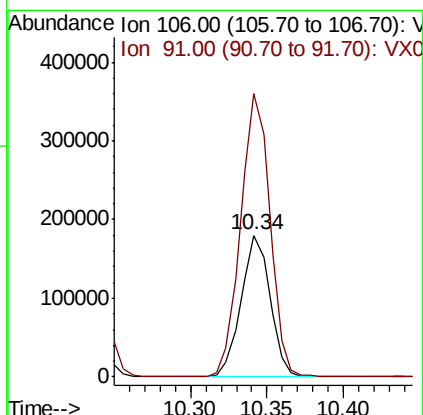
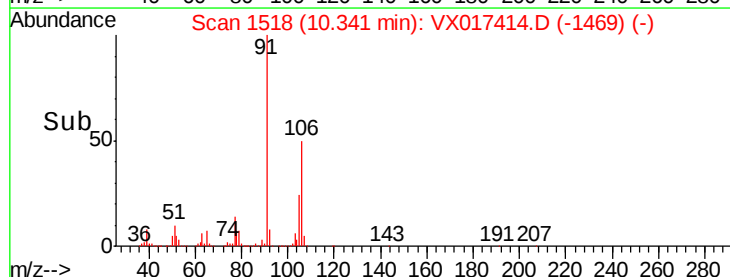
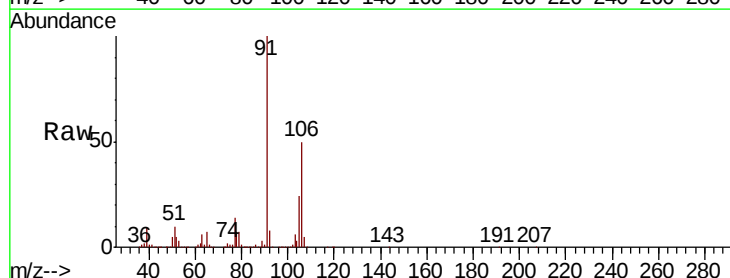
Acq: 17 Jul 2020 13:09

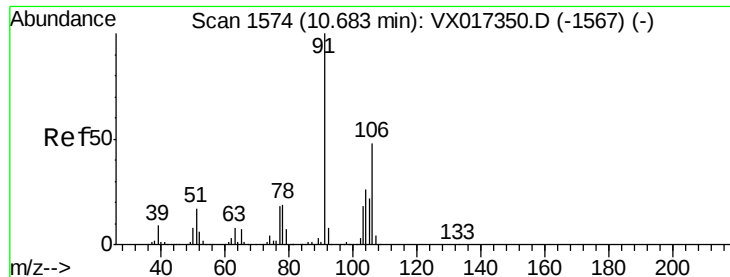
Tgt Ion: 106 Resp: 237072

Ion Ratio Lower Upper

106 100

91 202.1 162.5 243.7





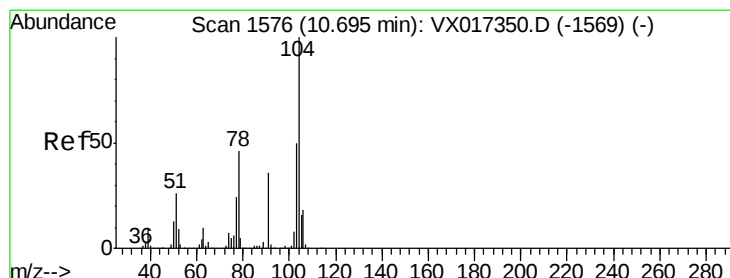
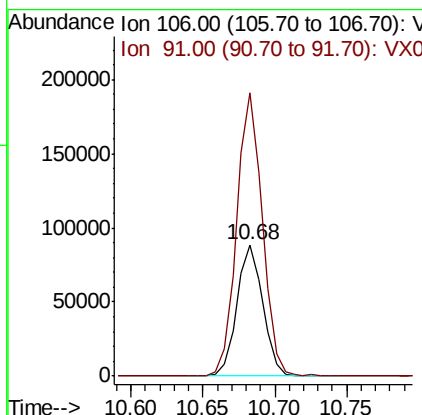
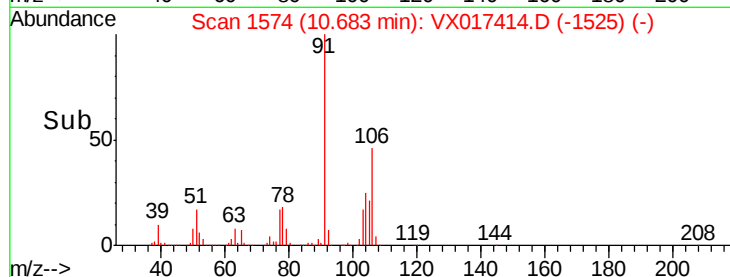
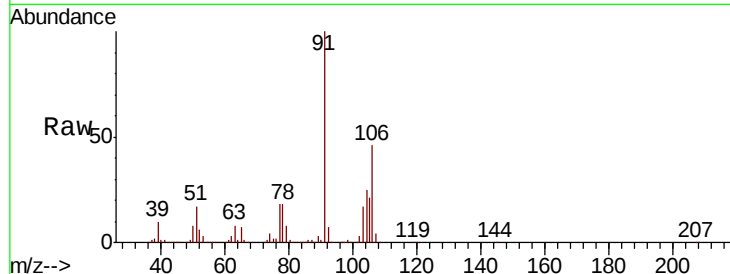
#69
o-Xylene
Concen: 19.877 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion:106 Resp: 110929
Ion Ratio Lower Upper
106 100
91 213.7 106.1 318.1

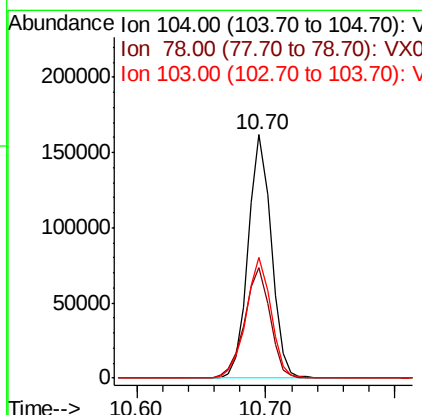
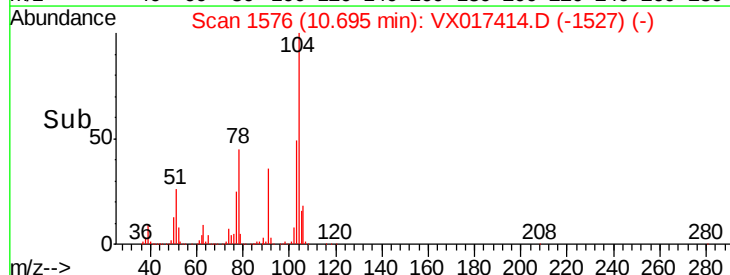
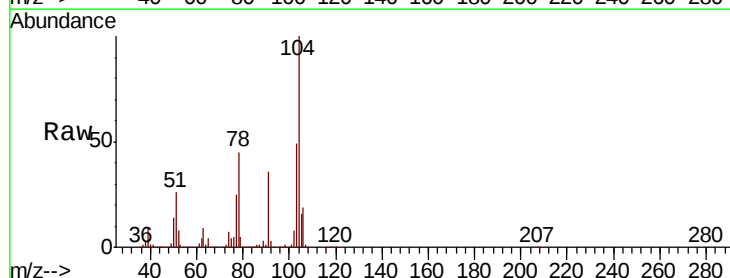
Manual Integrations
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7/20/2020 11:50:16 AM



#70
Styrene
Concen: 20.751 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion:104 Resp: 198790
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 53.9 43.3 64.9





#71

Bromoform

Concen: 19.972 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:173 Resp: 61869

Ion Ratio Lower Upper

173 100

175 49.9 24.7 74.1

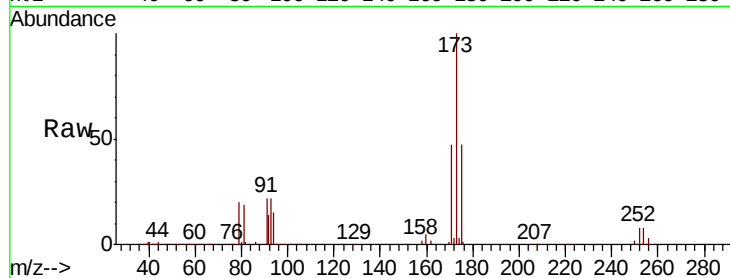
254 0.1 0.1 0.1

Manual Integrations

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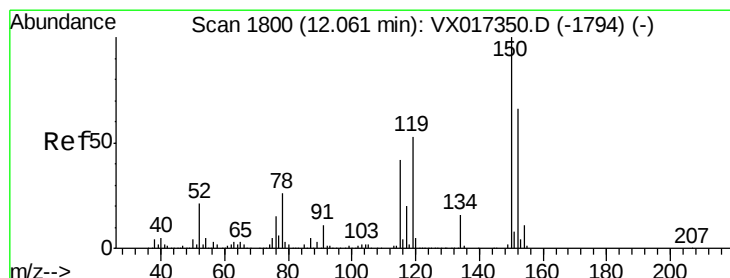
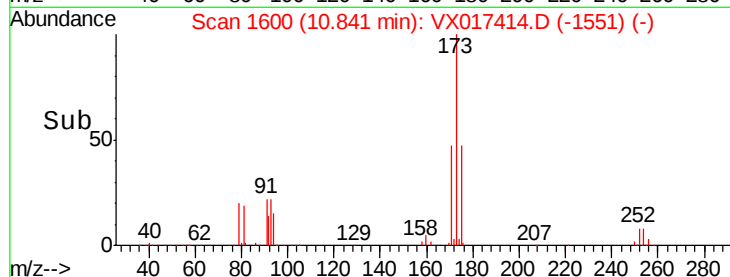
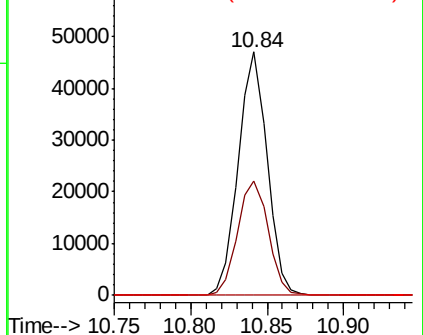
7/20/2020 11:50:16 AM



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: VX017414.D

Acq: 17 Jul 2020 13:09

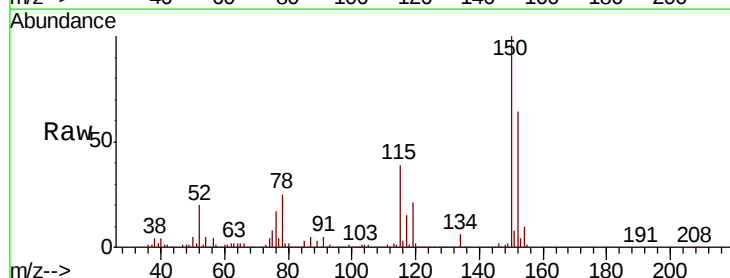
Tgt Ion:152 Resp: 245575

Ion Ratio Lower Upper

152 100

115 66.0 39.9 119.7

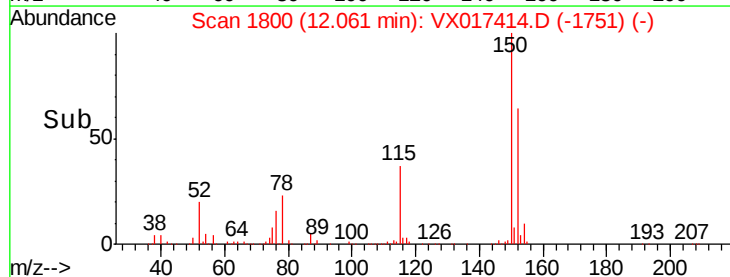
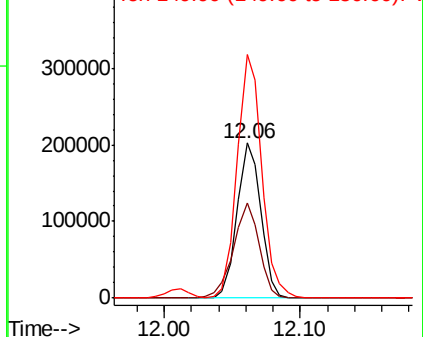
150 163.1 0.0 343.4

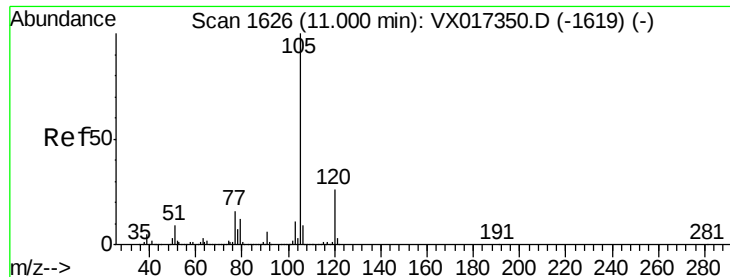


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.641 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleID :

VX0717WBSD01

Tot Ion: 105 Resp: 302361

Ion Ratio Lower Upper

105 100

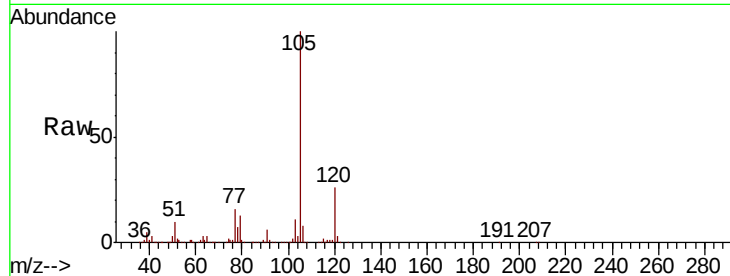
120 26.3 13.3 39.8

Manual Integrations

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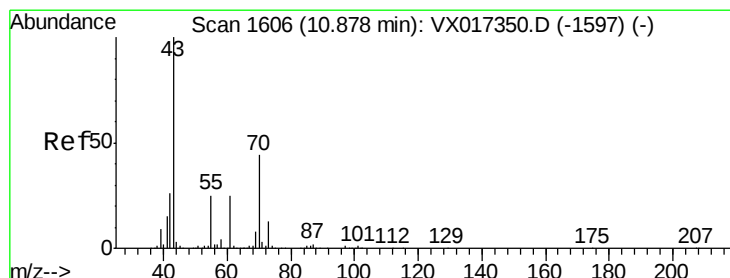
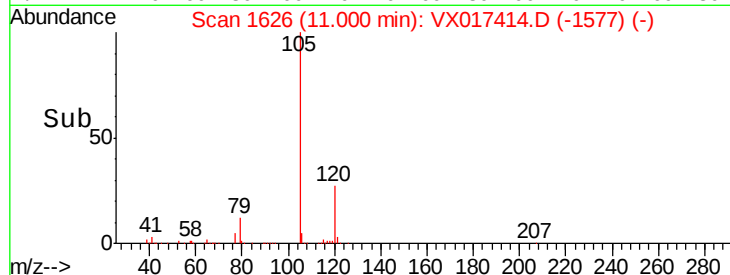
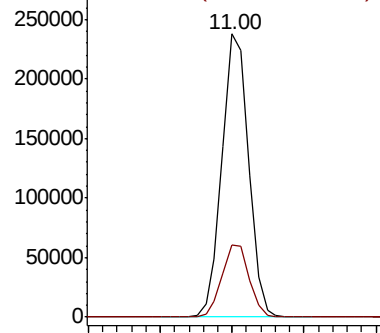
MMDadoda

7/20/2020 11:50:16 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.457 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion: 43 Resp: 132181

Ion Ratio Lower Upper

43 100

70 44.6 35.7 53.5

55 26.4 20.3 30.5

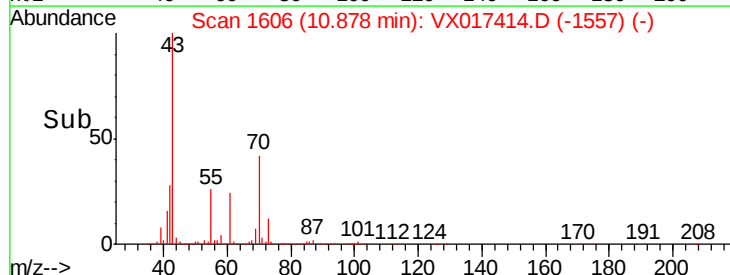
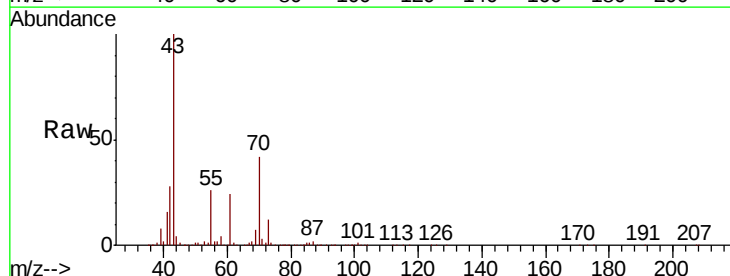
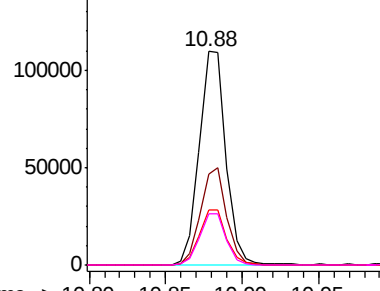
61 24.1 20.0 30.0

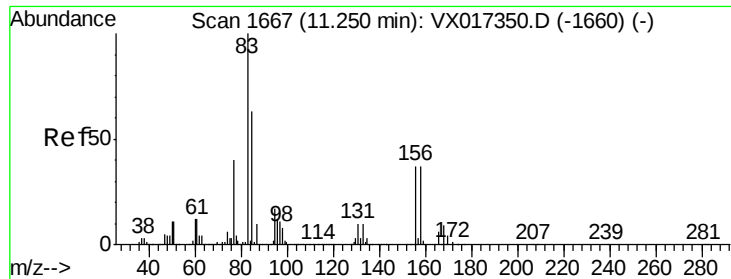
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.987 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

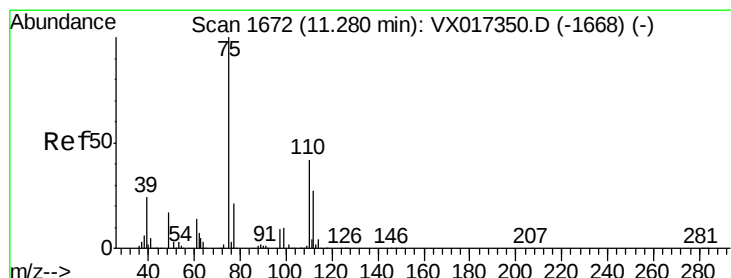
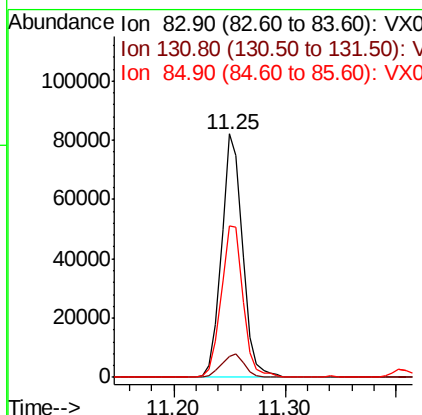
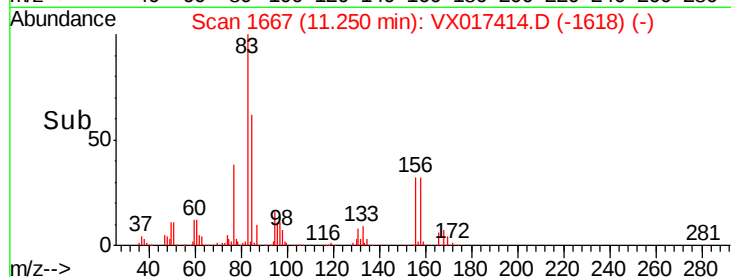
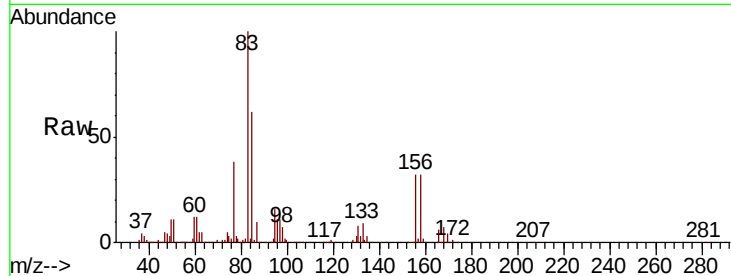
ClientSampleId :

VX0717WBSD01

Tot Ion:	83	Resp:	107444
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.7
85	64.8	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.300 ug/l m

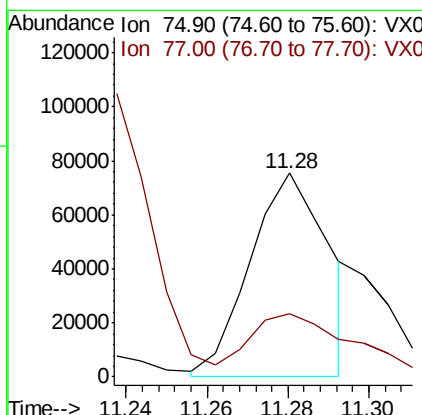
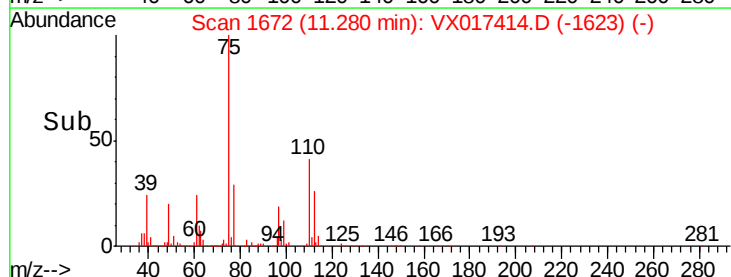
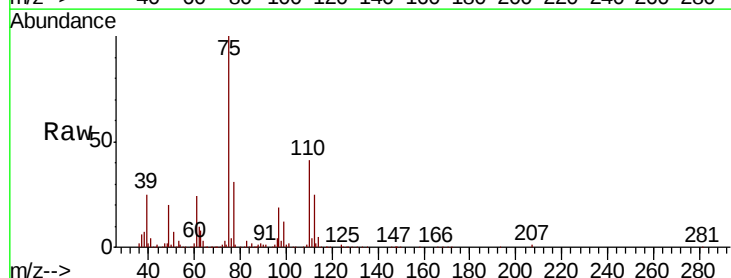
RT: 11.28 min Scan# 1672

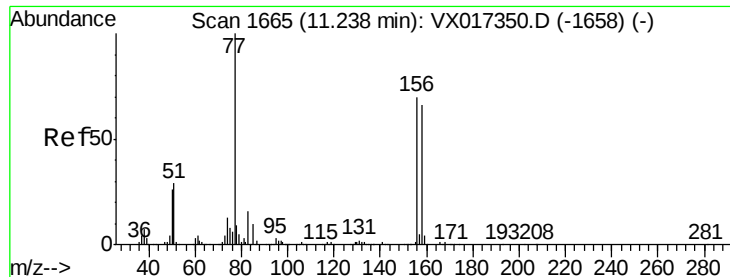
Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion:	75	Resp:	101194
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.3	60.9





#77

Bromobenzene

Concen: 19.076 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

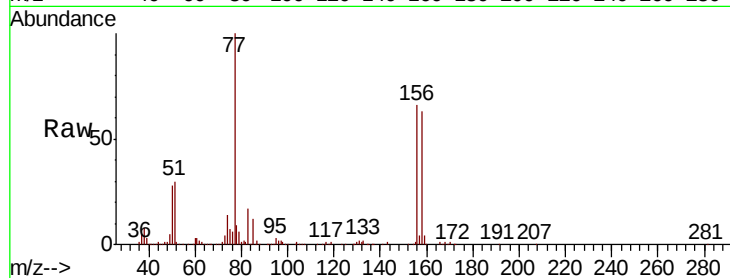
ClientSampleId :

VX0717WBSD01

Tot Ion:	156	Resp:	83640
Ion Ratio	Lower	Upper	
156	100		
77	156.2	72.1	216.3
158	98.2	47.4	142.3

Manual Integrations
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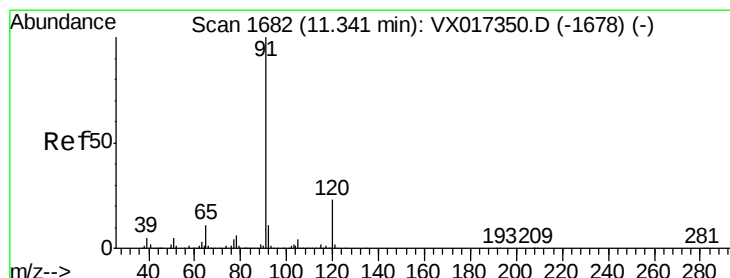
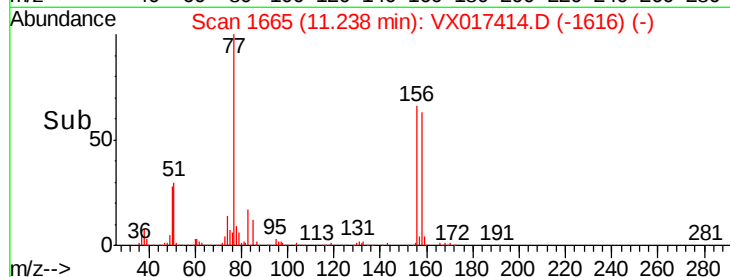
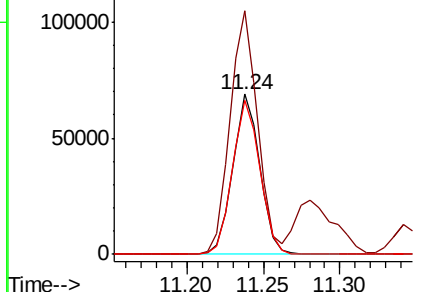
MMDadoda
7/20/2020 11:50:16 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.967 ug/l

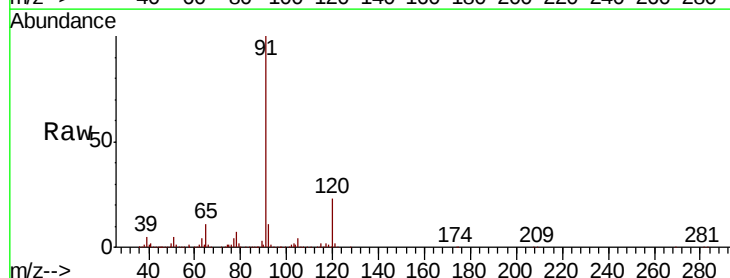
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017414.D

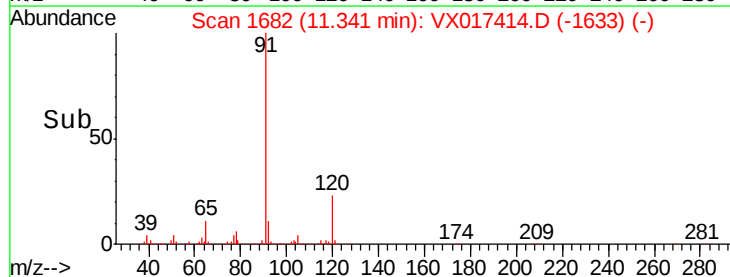
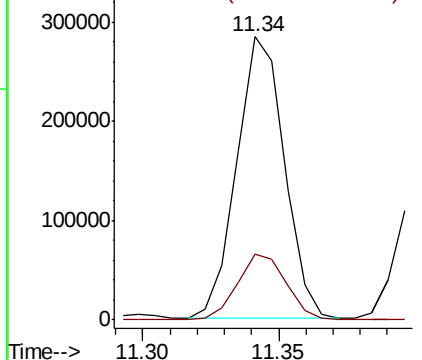
Acq: 17 Jul 2020 13:09

Tgt Ion:	91	Resp:	345206
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





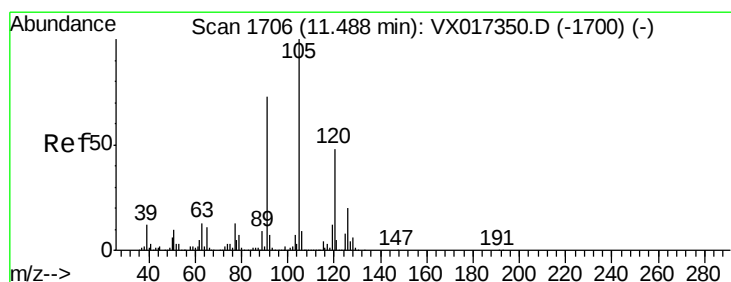
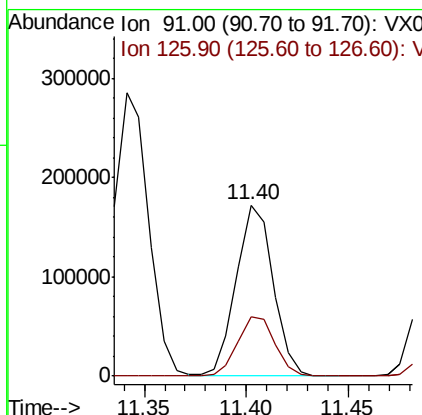
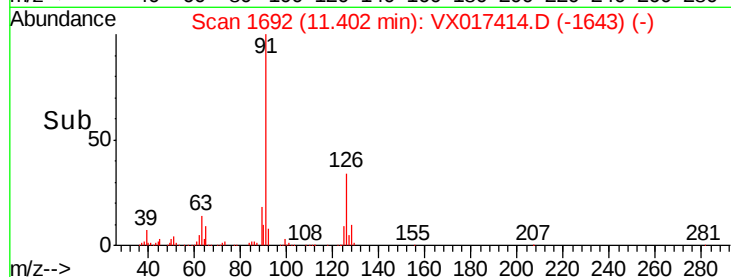
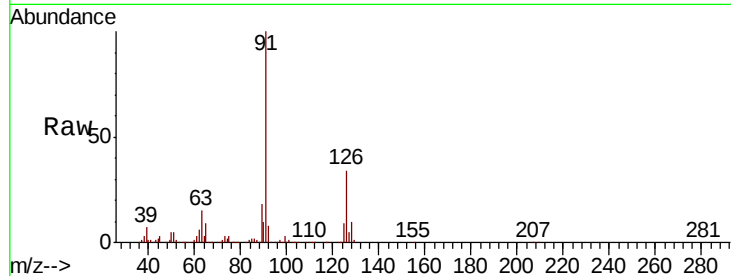
#79
2-Chlorotoluene
Concen: 20.319 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion: 91 Resp: 216480
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3

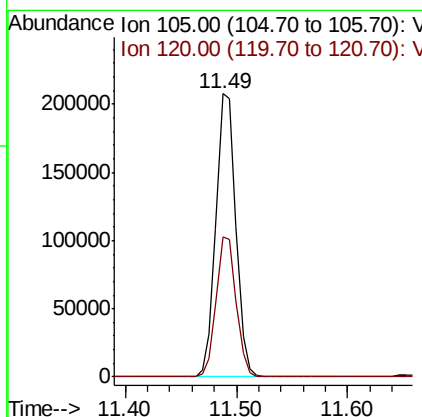
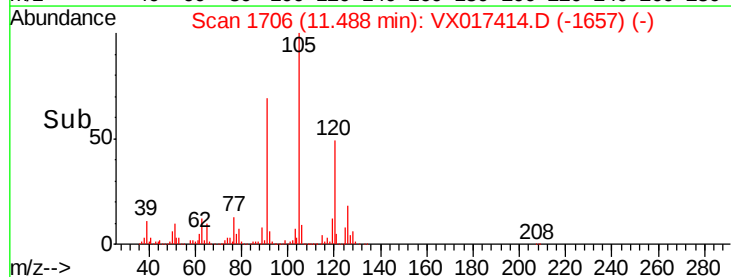
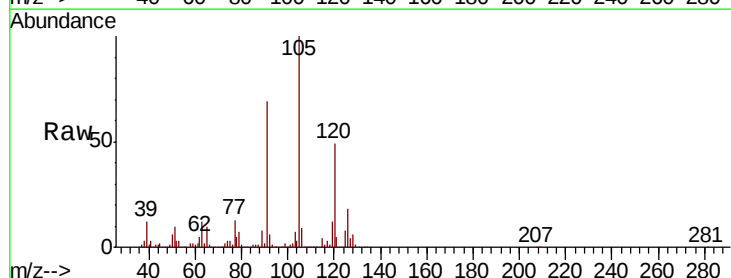
Manual Integrations
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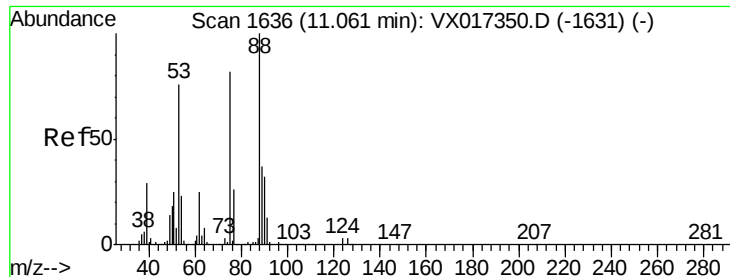
MMDadoda
7/20/2020 11:50:16 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.807 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion: 105 Resp: 258827
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4





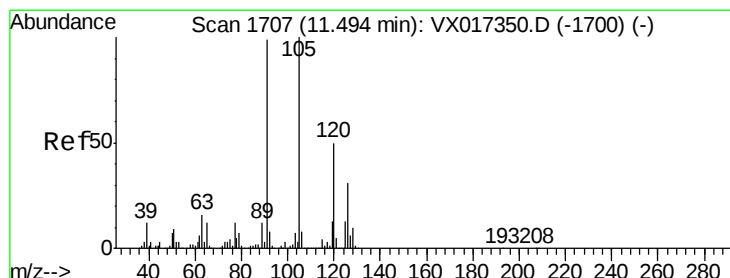
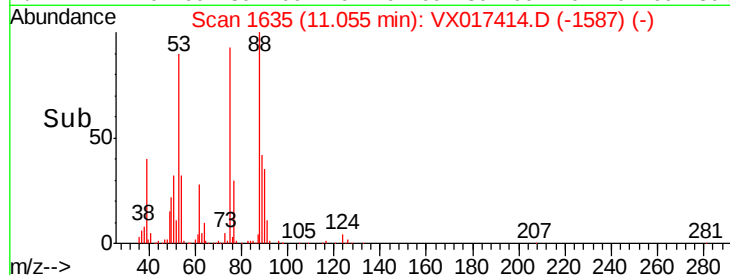
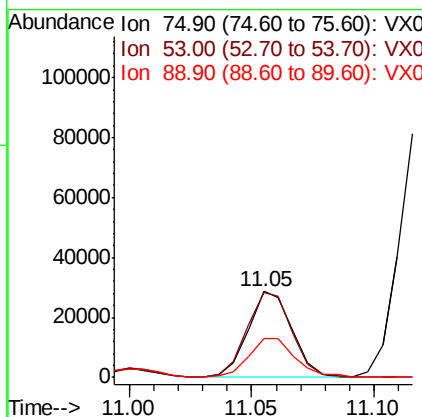
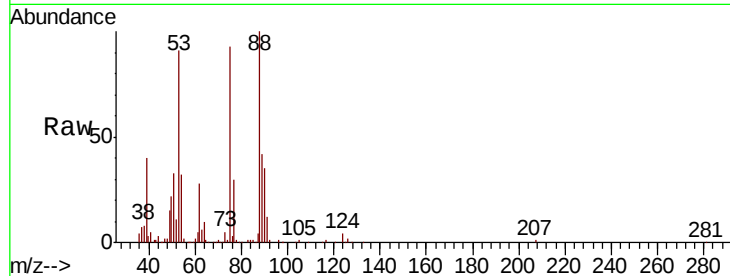
#81
trans-1,4-Dichloro-2-butene
Concen: 19.822 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	76.5	114.7
89	49.3	38.1	57.1

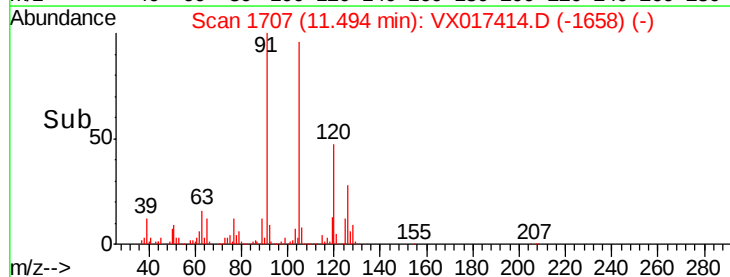
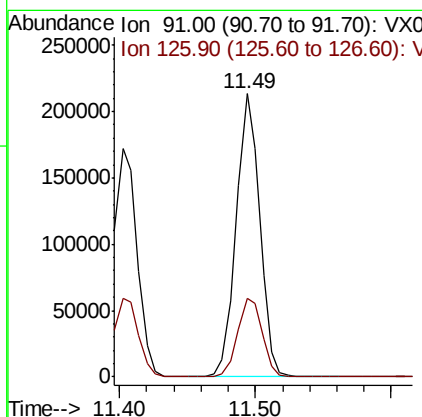
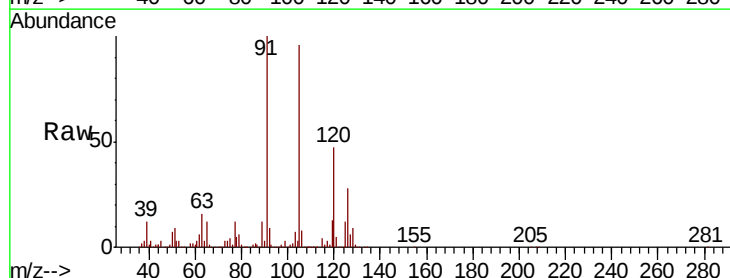
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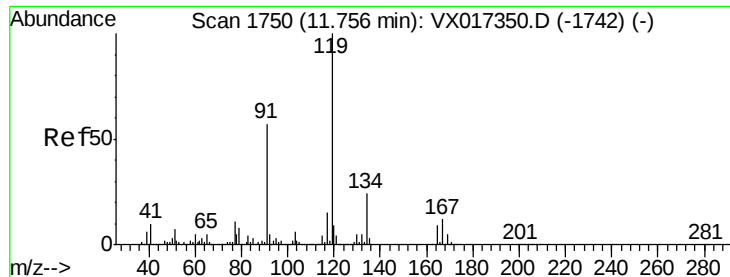
MMDadoda
7/20/2020 11:50:16 AM



#82
4-Chlorotoluene
Concen: 20.336 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.4	46.2





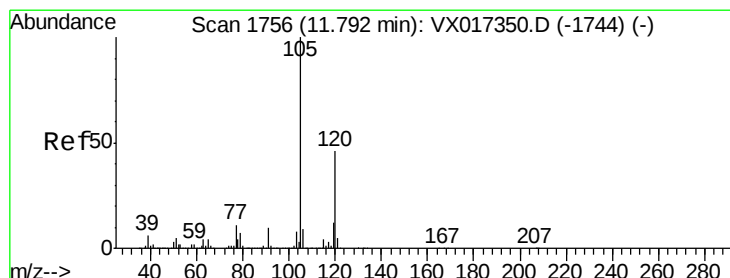
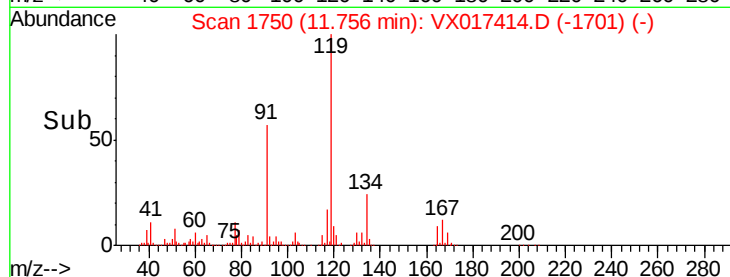
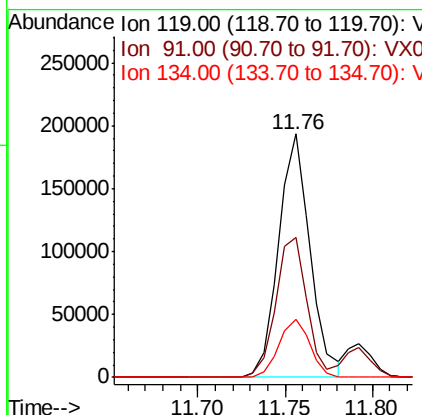
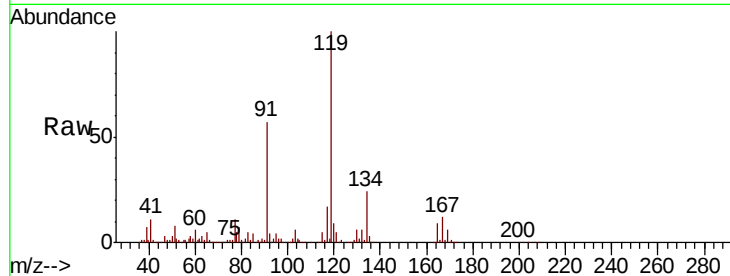
#83
tert-Butylbenzene
Concen: 19.172 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.5	85.6
134	23.8	11.9	35.9

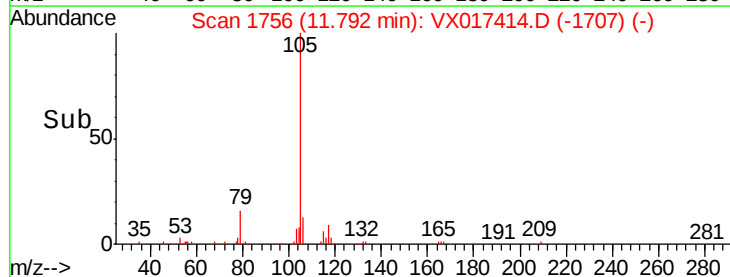
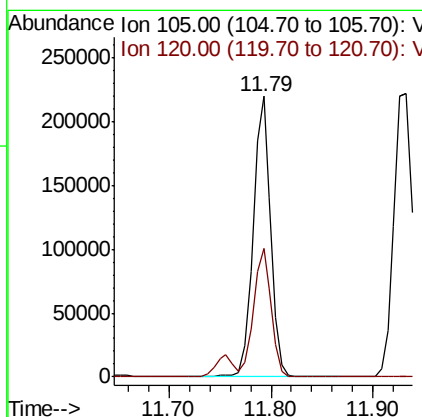
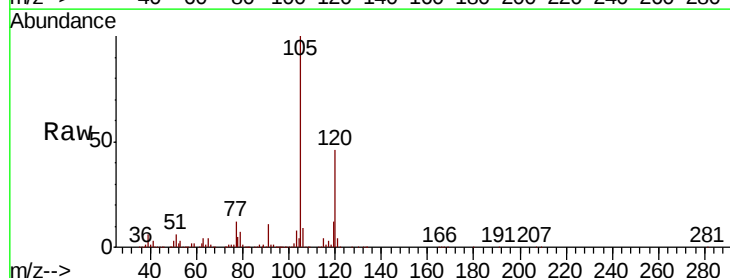
Manual Integrations
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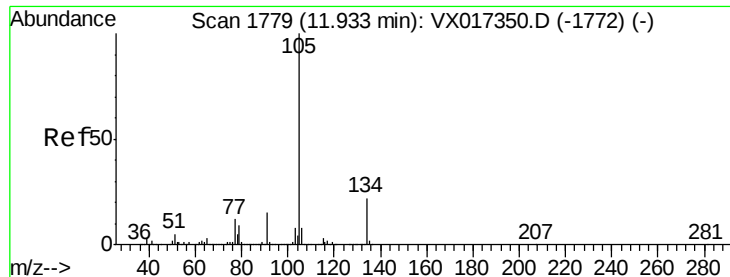
MMDadoda
7/20/2020 11:50:16 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.959 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.8	68.4





#85

sec-Butylbenzene

Concen: 19.324 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBSD01

Tot Ion:105 Resp: 285780

Ion Ratio Lower Upper

105 100

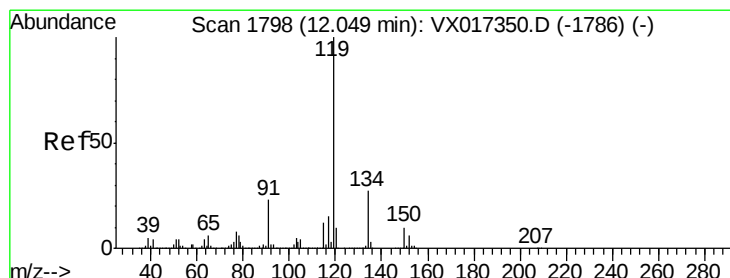
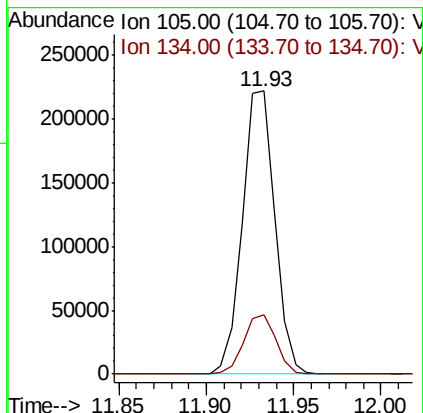
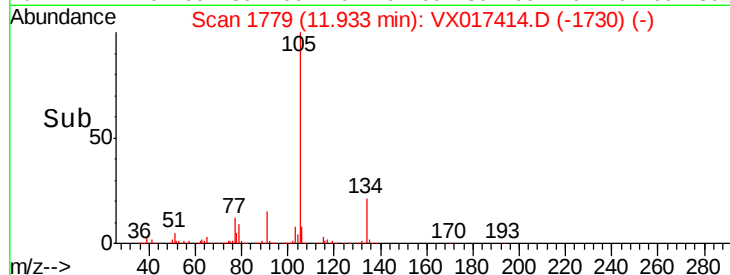
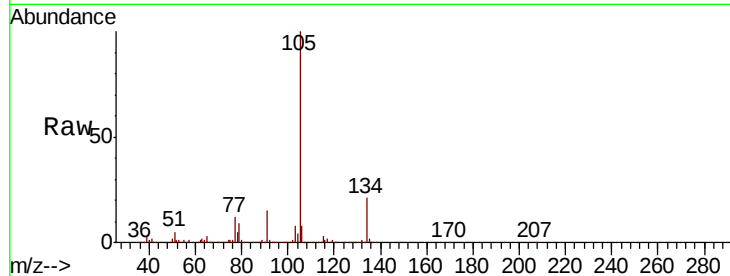
134 20.8 10.5 31.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.156 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

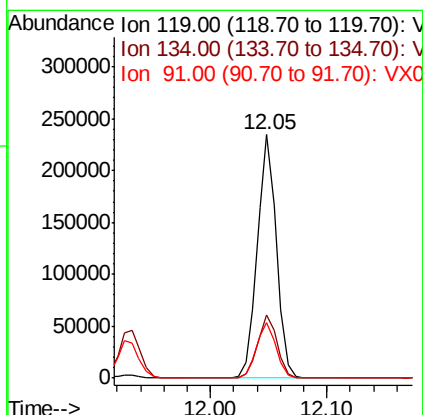
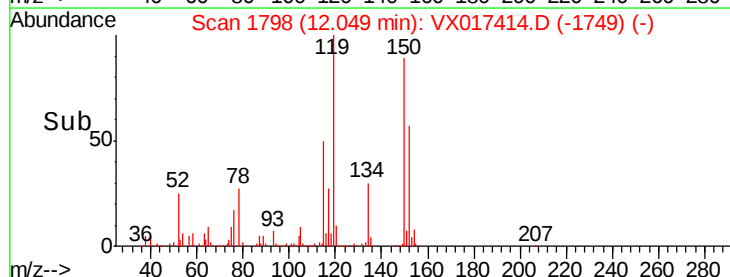
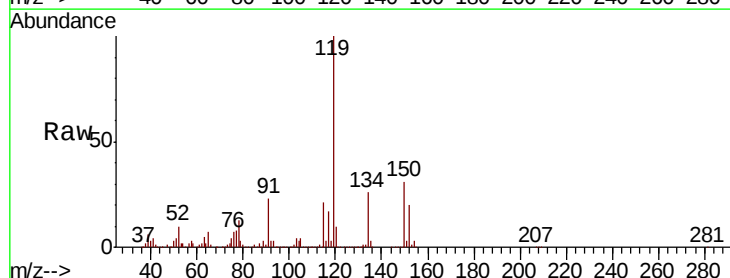
Tgt Ion:119 Resp: 268054

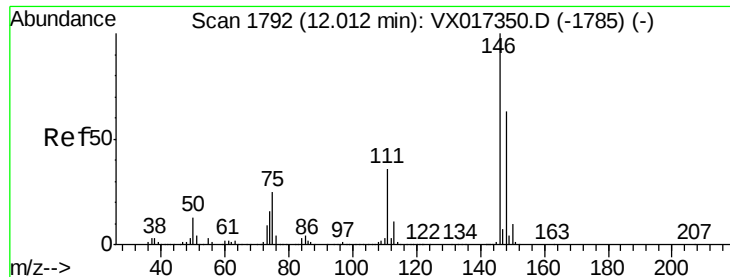
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.054 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Instrument :

MSVOA_X

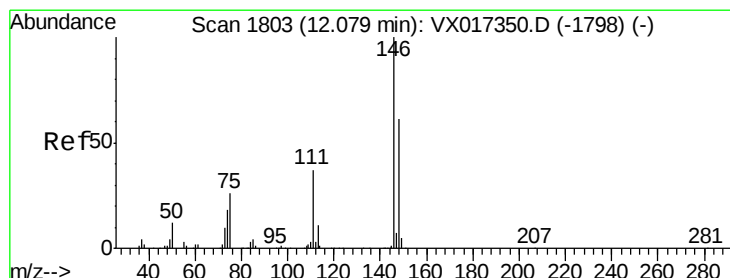
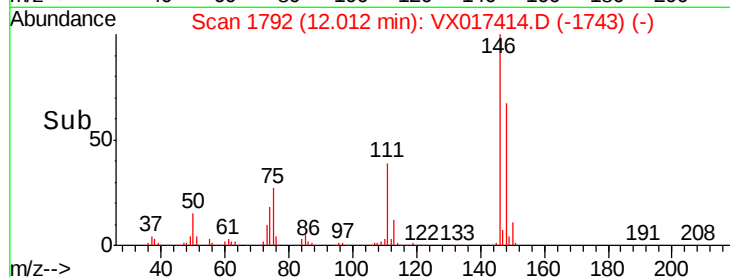
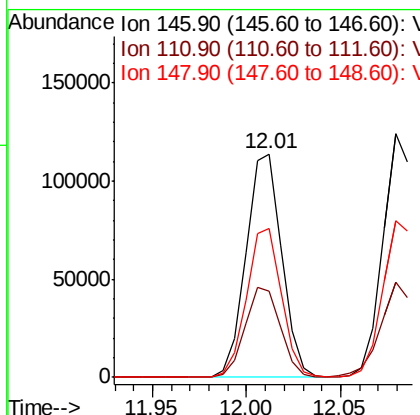
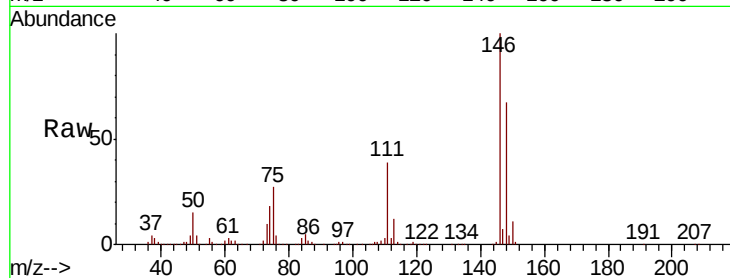
ClientSampleId :

VX0717WBSD01

Tot Ion:	146	Resp:	149449
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.2	57.6
148	65.3	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.152 ug/l

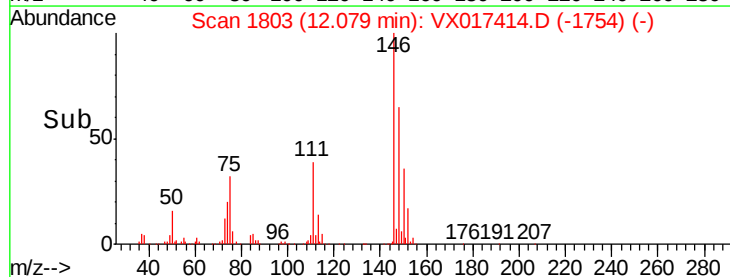
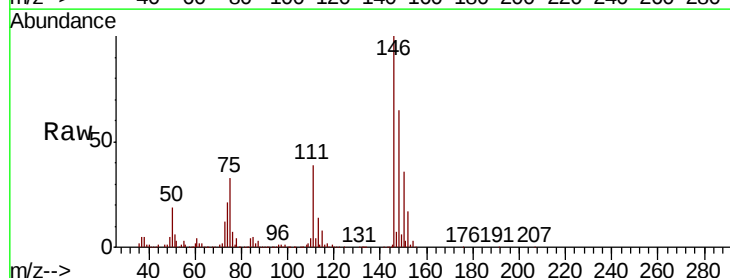
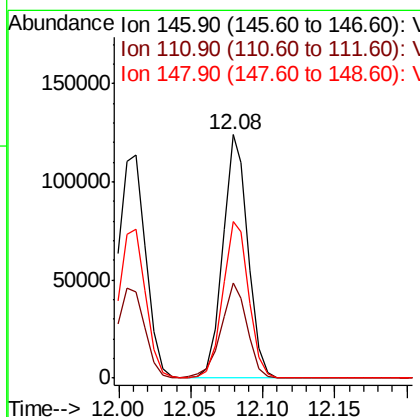
RT: 12.08 min Scan# 1803

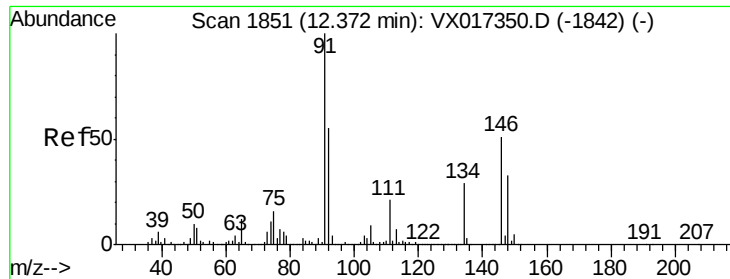
Delta R.T. -0.00 min

Lab File: VX017414.D

Acq: 17 Jul 2020 13:09

Tgt Ion:	146	Resp:	151770
Ion Ratio	Lower	Upper	
146	100		
111	40.8	18.9	56.9
148	66.6	31.9	95.9





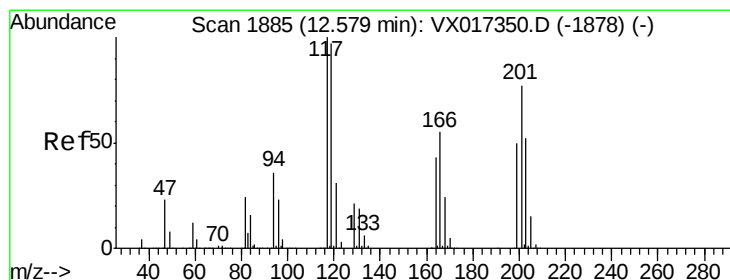
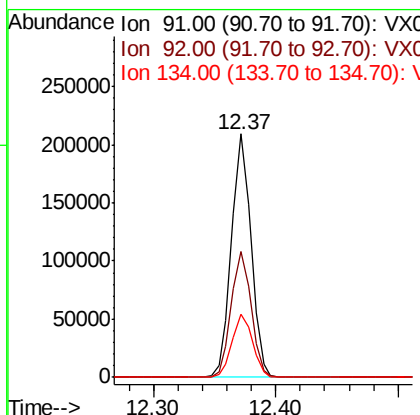
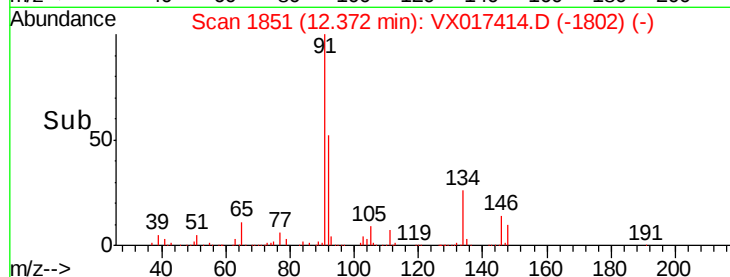
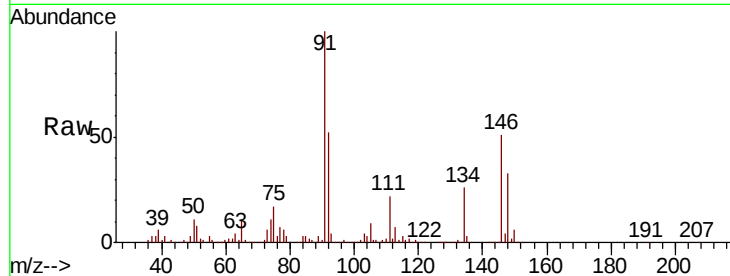
#89
n-Butylbenzene
Concen: 19.380 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		231281		
92	52.6	27.0	81.0		
134	26.8	14.1	42.2		

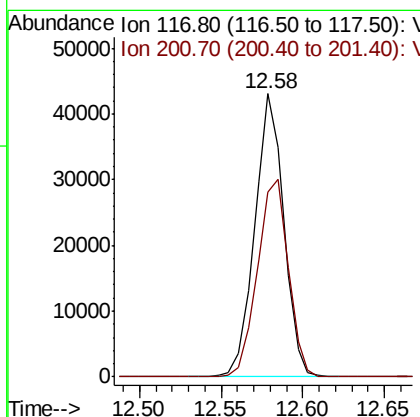
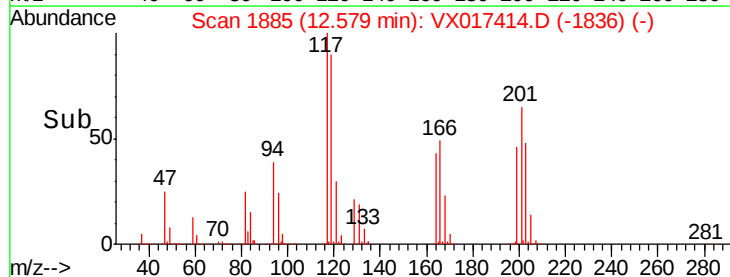
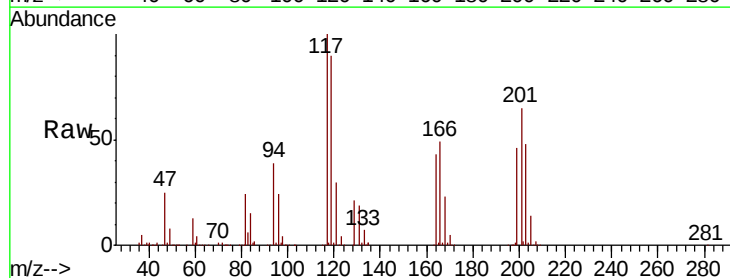
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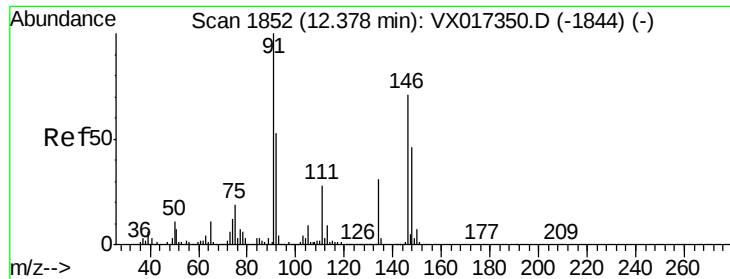
MMDadoda
7/20/2020 11:50:16 AM



#90
Hexachloroethane
Concen: 20.129 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		53476		
201	74.1	41.0	123.0		





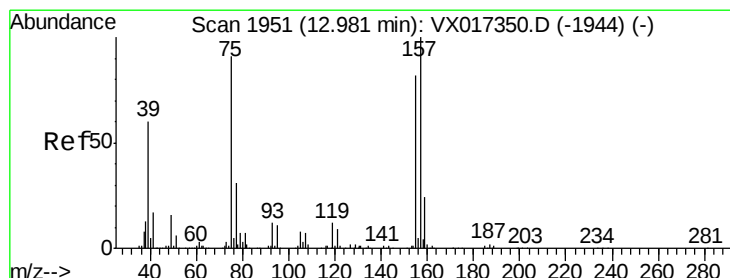
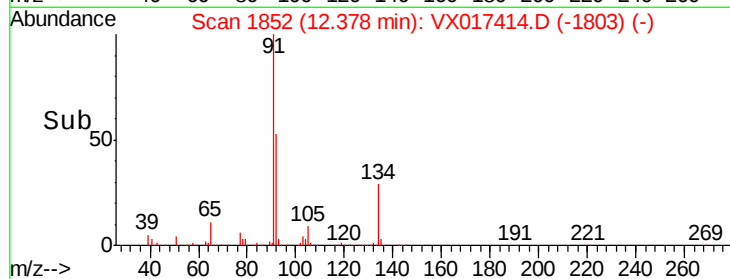
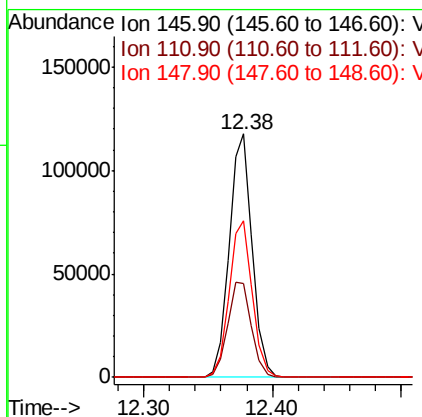
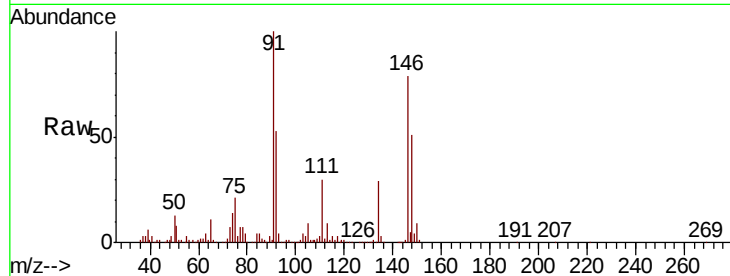
#91
 1,2-Dichlorobenzene
 Concen: 19.868 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	61.0
148	64.7	32.0	96.0

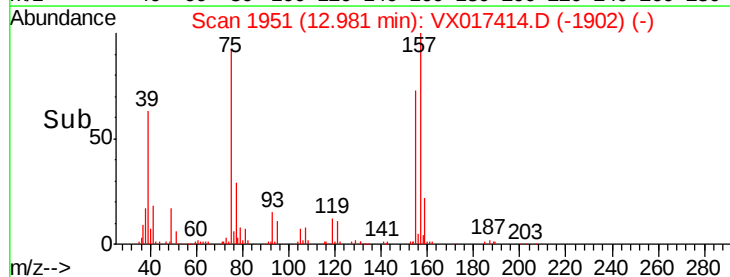
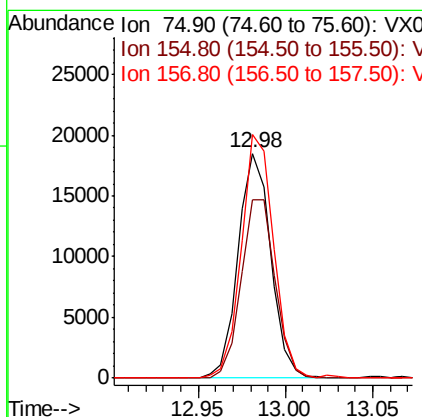
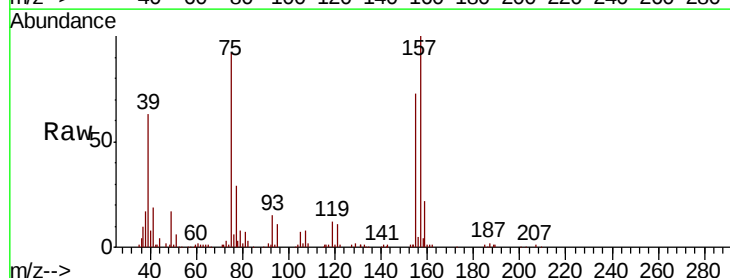
Manual Integrations
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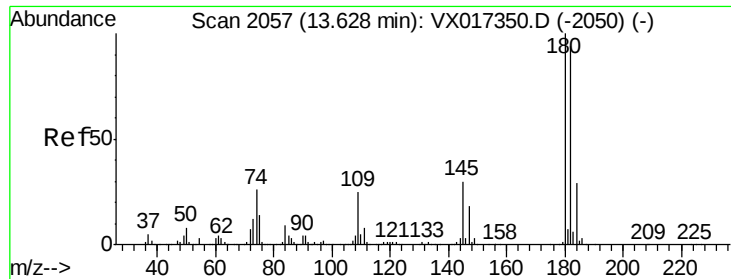
MMDadoda
 7/20/2020 11:50:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.448 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	46.5	139.3
157	107.0	58.0	173.9





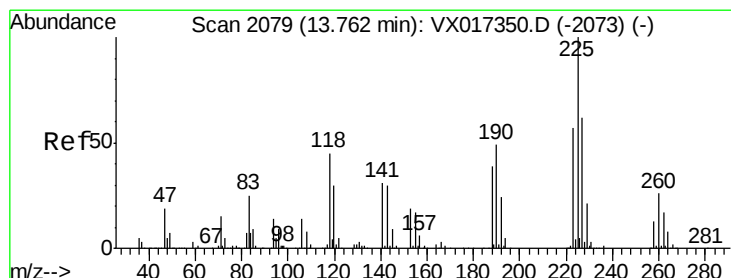
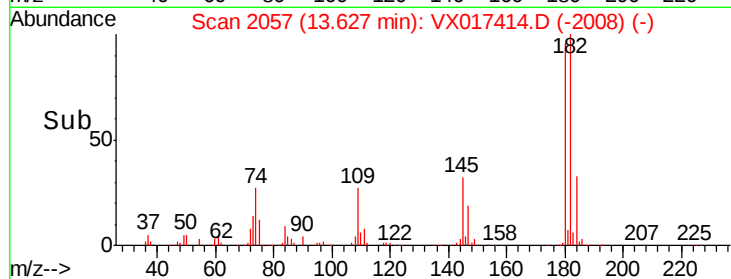
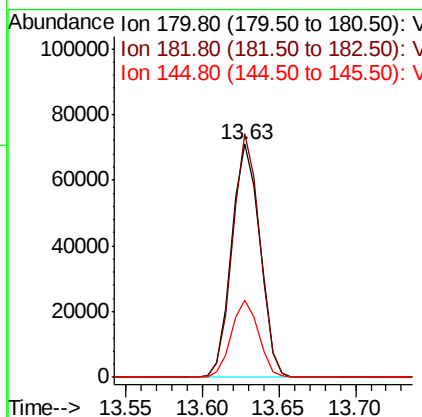
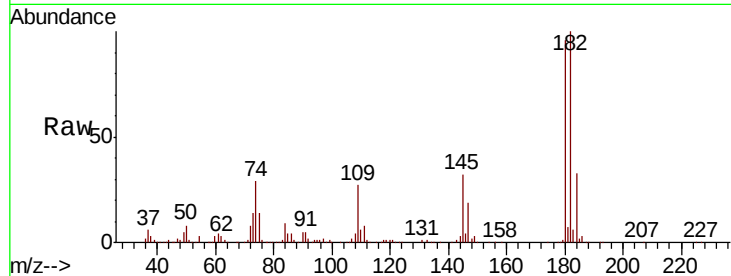
#93
 1,2,4-Trichlorobenzene
 Concen: 17.838 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.9	48.4	145.0
145	31.7	15.3	45.8

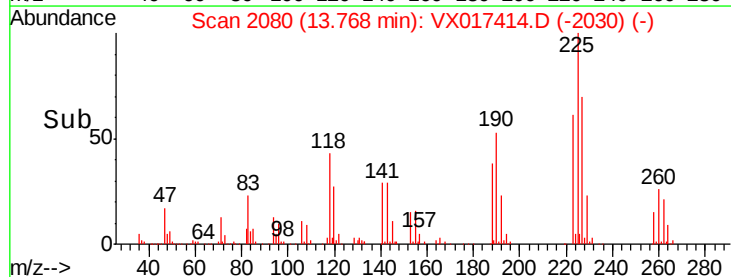
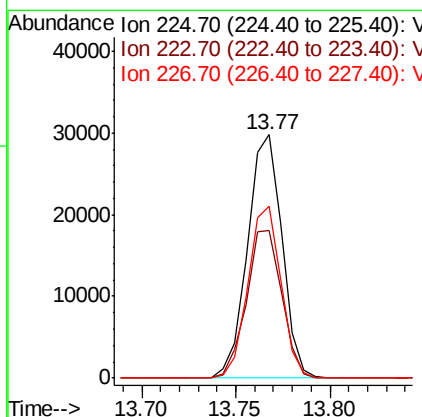
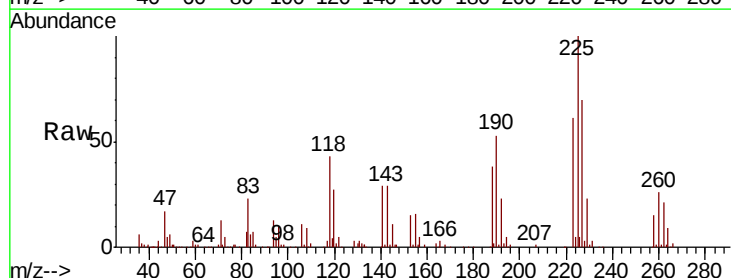
Manual Integrations
 APPROVED

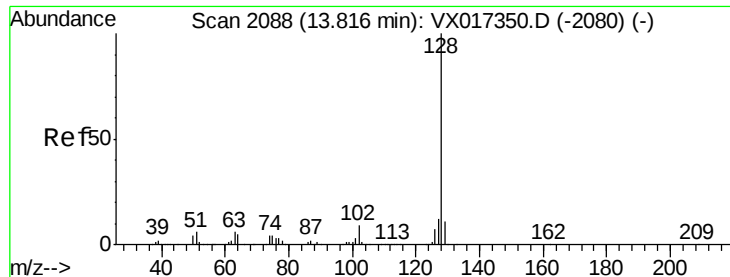
MMDadoda
 7/20/2020 11:50:16 AM



#94
 Hexachlorobutadiene
 Concen: 18.063 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017414.D
 Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	67.6	31.6	95.0





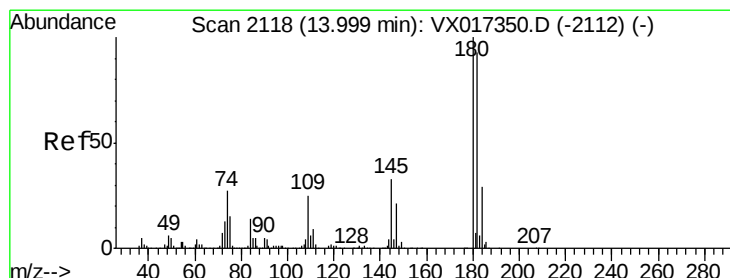
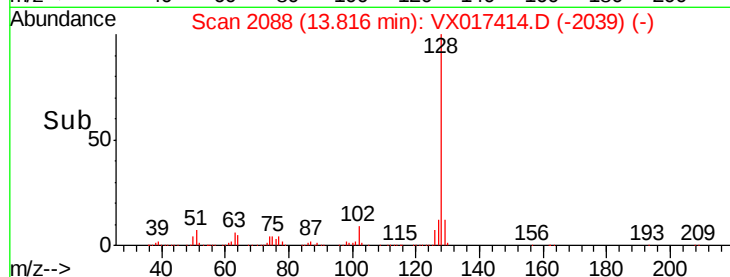
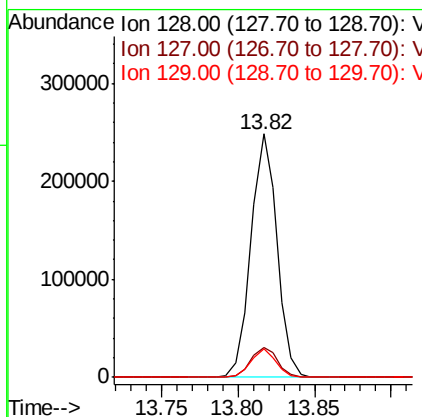
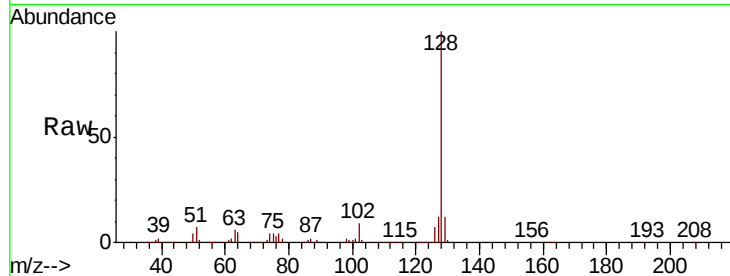
#95
Naphthalene
Concen: 19.532 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.708 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017414.D
Acq: 17 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.8	146.3
145	32.8	16.6	49.7

