

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017388.D
 Acq On : 16 Jul 2020 14:11
 Operator : JC/SP
 Sample : VX0716WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0716WBSD01

Manual Integrations
 APPROVED

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 7/17/2020 4:44:13 PM

Quant Time: Jul 17 01:18:37 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	5.64	168	299037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242307	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	197904	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.46%		
35) Dibromofluoromethane	5.46	113	164061	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.88%		
50) Toluene-d8	8.70	98	597407	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.86%		
62) 4-Bromofluorobenzene	11.12	95	223048	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.56%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	57499	22.724	ug/l	96
3) Chloromethane	1.31	50	64887	22.778	ug/l	97
4) Vinyl Chloride	1.39	62	63991	22.707	ug/l	96
5) Bromomethane	1.63	94	43400	23.657	ug/l	99
6) Chloroethane	1.72	64	39817	22.384	ug/l	99
7) Trichlorofluoromethane	1.92	101	98149	20.634	ug/l	96
8) Diethyl Ether	2.17	74	36199	21.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60909	22.479	ug/l	97
10) Methyl Iodide	2.49	142	64518	19.487	ug/l	99
11) Tert butyl alcohol	3.01	59	67115	106.138	ug/l	97
12) 1,1-Dichloroethene	2.36	96	59681	21.931	ug/l	95
13) Acrolein	2.27	56	29820	86.027	ug/l	99
14) Allyl chloride	2.71	41	104812	22.228	ug/l	96
15) Acrylonitrile	3.12	53	172517	112.543	ug/l	99
16) Acetone	2.42	43	145686	108.805	ug/l	100
17) Carbon Disulfide	2.55	76	177129	22.312	ug/l	99
18) Methyl Acetate	2.75	43	76106	23.013	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	193816	20.975	ug/l	98
20) Methylene Chloride	2.84	84	72303	22.132	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	67409	21.650	ug/l	95
22) Diisopropyl ether	3.82	45	213266	23.743	ug/l	98
23) Vinyl Acetate	3.79	43	903723	114.403	ug/l	99
24) 1,1-Dichloroethane	3.67	63	118507	22.450	ug/l	100
25) 2-Butanone	4.64	43	235703	110.831	ug/l	99
26) 2,2-Dichloropropane	4.55	77	101944	20.751	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	69924	20.479	ug/l	95
28) Bromochloromethane	4.98	49	58971	24.183	ug/l	92
29) Tetrahydrofuran	5.09	42	151314	109.916	ug/l	98
30) Chloroform	5.18	83	121475	21.389	ug/l	99
31) Cyclohexane	5.56	56	93669	21.675	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	110028	20.956	ug/l	98
36) 1,1-Dichloropropene	5.77	75	87476	20.280	ug/l	99
37) Ethyl Acetate	4.79	43	91492	20.510	ug/l	99
38) Carbon Tetrachloride	5.76	117	98041	19.413	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92333	19.712	ug/l	97
40) Benzene	6.11	78	262546	21.179	ug/l	99
41) Methacrylonitrile	5.01	41	48391	20.207	ug/l	98
42) 1,2-Dichloroethane	6.16	62	97386	20.220	ug/l	98
43) Isopropyl Acetate	6.42	43	146656	20.575	ug/l	99
44) Trichloroethene	7.19	130	75258	19.875	ug/l	97
45) 1,2-Dichloropropane	7.49	63	69029	21.763	ug/l	100
46) Dibromomethane	7.64	93	48130	21.039	ug/l	96
47) Bromodichloromethane	7.87	83	97359	20.357	ug/l	98
48) Methyl methacrylate	7.74	41	71708	20.964	ug/l	97
49) 1,4-Dioxane	7.71	88	29030	414.722	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	474567	109.189	ug/l	98
52) Toluene	8.76	92	165863	20.850	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	103012	19.993	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	112646	20.498	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	69326	20.899	ug/l	96
56) Ethyl methacrylate	9.16	69	91826	19.498	ug/l	100
57) 1,3-Dichloropropane	9.35	76	115078	20.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257622	107.735	ug/l	97
59) 2-Hexanone	9.47	43	350054	106.712	ug/l	96
60) Dibromochloromethane	9.57	129	77238	19.060	ug/l	99
61) 1,2-Dibromoethane	9.65	107	73418	20.345	ug/l	99
64) Tetrachloroethene	9.32	164	74406	19.225	ug/l	93
65) Chlorobenzene	10.12	112	179938	19.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	71684	19.813	ug/l	98
67) Ethyl Benzene	10.23	91	298656	19.742	ug/l	99
68) m/p-Xylenes	10.34	106	229652	39.898	ug/l	99
69) o-Xylene	10.68	106	105371	19.158	ug/l	100
70) Styrene	10.70	104	189441	20.066	ug/l	98
71) Bromoform	10.84	173	57517	18.839	ug/l #	98
73) Isopropylbenzene	11.00	105	290017	19.093	ug/l	99
74) N-amyl acetate	10.88	43	122138	20.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	98449	21.347	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	97421m	21.758	ug/l	
77) Bromobenzene	11.24	156	81767	18.900	ug/l	96
78) n-propylbenzene	11.34	91	341601	20.025	ug/l	100
79) 2-Chlorotoluene	11.40	91	207451	19.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	251641	19.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32679	18.515	ug/l	98
82) 4-Chlorotoluene	11.49	91	245671	19.719	ug/l	99
83) tert-Butylbenzene	11.76	119	230168	18.467	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	254711	19.554	ug/l	100
85) sec-Butylbenzene	11.93	105	278984	19.119	ug/l	100
86) p-Isopropyltoluene	12.05	119	263320	19.071	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	150574	19.456	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	151195	19.337	ug/l	99
89) n-Butylbenzene	12.37	91	229011	19.448	ug/l	98
90) Hexachloroethane	12.58	117	52549	20.047	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	141117	19.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21864	17.967	ug/l	92

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

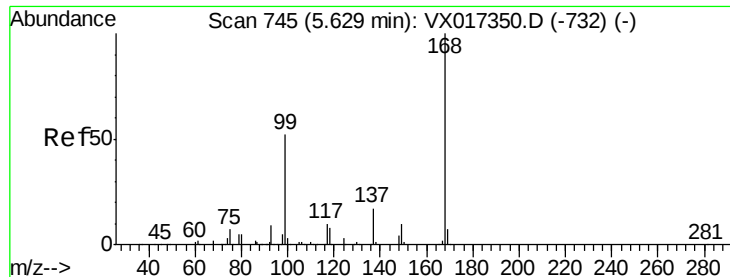
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86309	17.096	ug/l	98
94) Hexachlorobutadiene	13.76	225	39517	19.194	ug/l	99
95) Naphthalene	13.82	128	266949	17.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	90341	18.525	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion:168 Resp: 299037

Ion Ratio Lower Upper

168 100

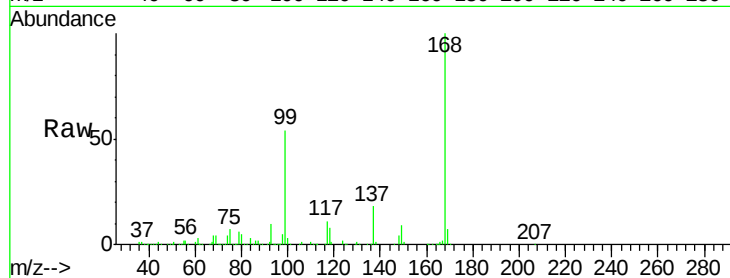
99 53.7 41.6 62.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

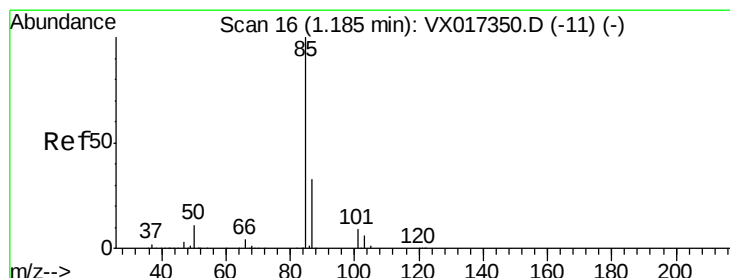
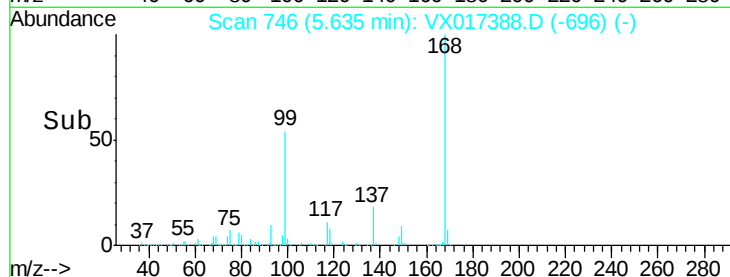
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.724 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017388.D

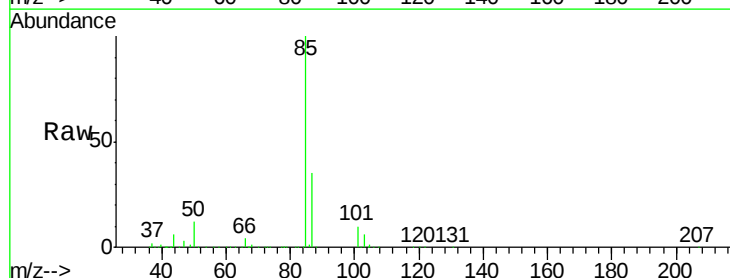
Acq: 16 Jul 2020 14:11

Tgt Ion: 85 Resp: 57499

Ion Ratio Lower Upper

85 100

87 34.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

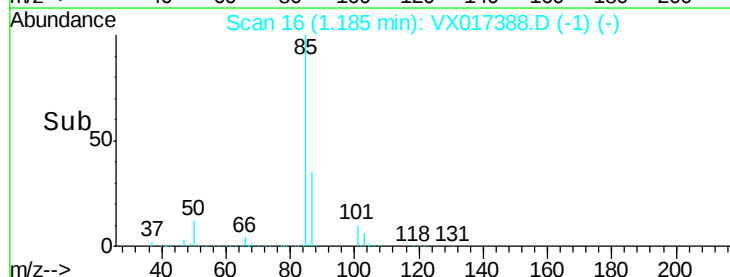
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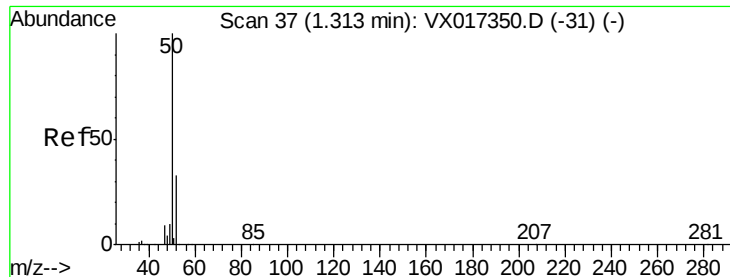
40000

20000

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Time-->





#3

Chloromethane

Concen: 22.778 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 50 Resp: 64887

Ion Ratio Lower Upper

50 100

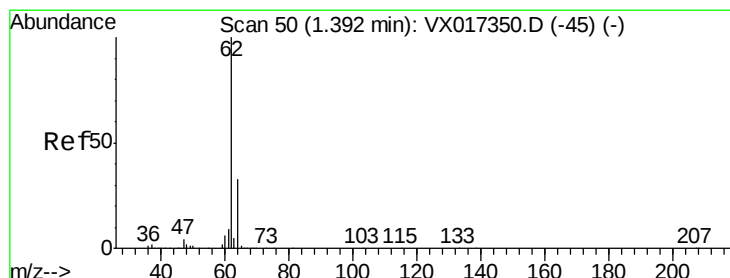
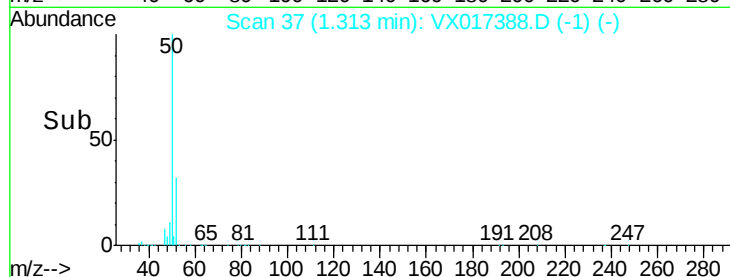
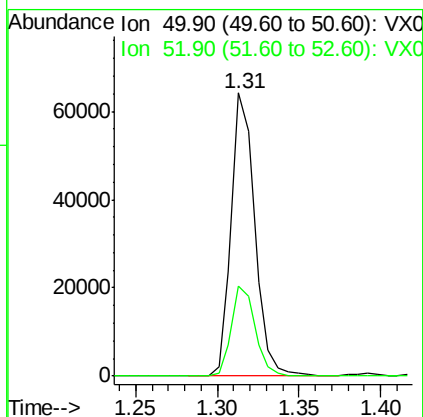
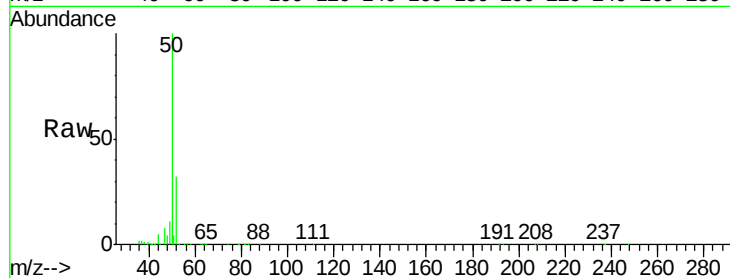
52 31.7 26.7 40.1

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#4

Vinyl Chloride

Concen: 22.707 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017388.D

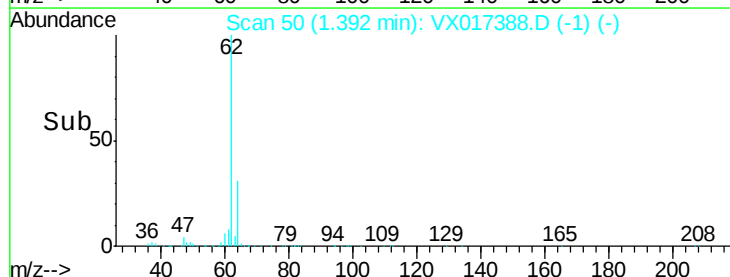
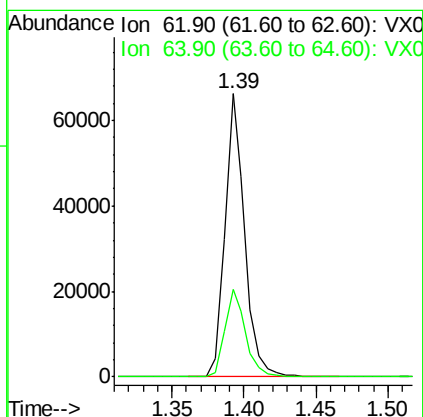
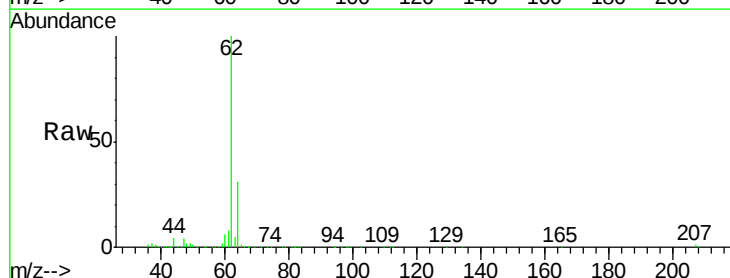
Acq: 16 Jul 2020 14:11

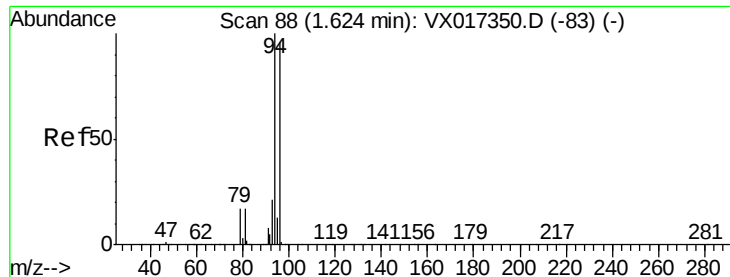
Tgt Ion: 62 Resp: 63991

Ion Ratio Lower Upper

62 100

64 30.9 26.3 39.5





#5

Bromomethane

Concen: 23.657 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 94 Resp: 43400

Ion Ratio Lower Upper

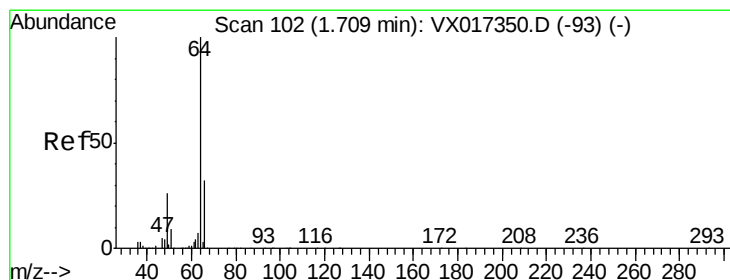
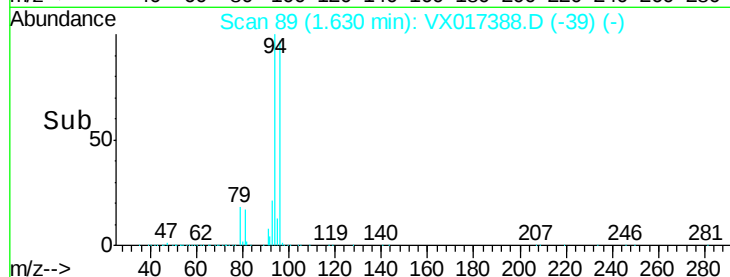
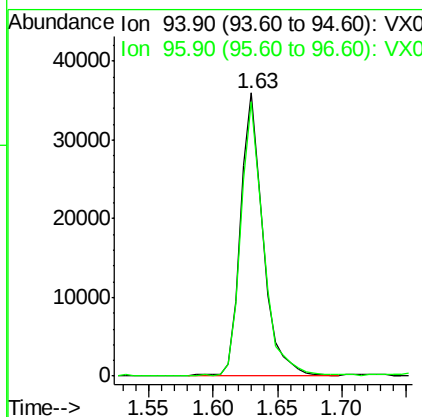
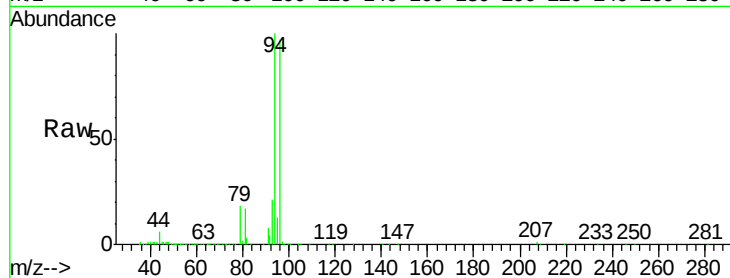
94 100

96 96.7 76.6 115.0

Manual Integrations
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#6

Chloroethane

Concen: 22.384 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017388.D

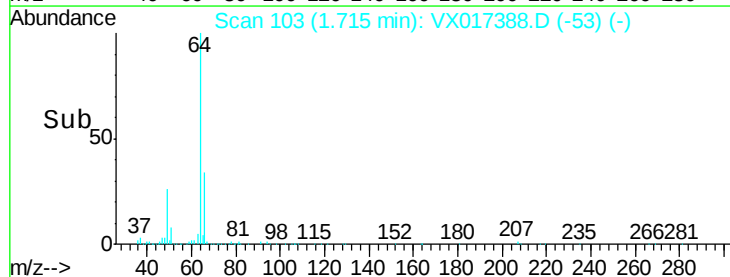
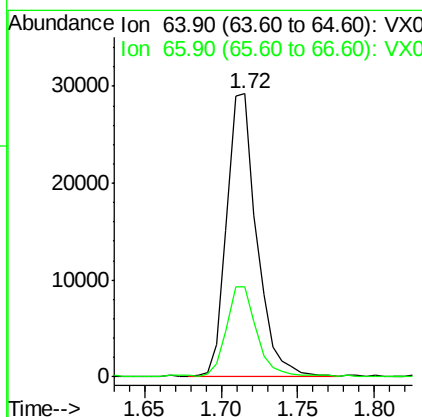
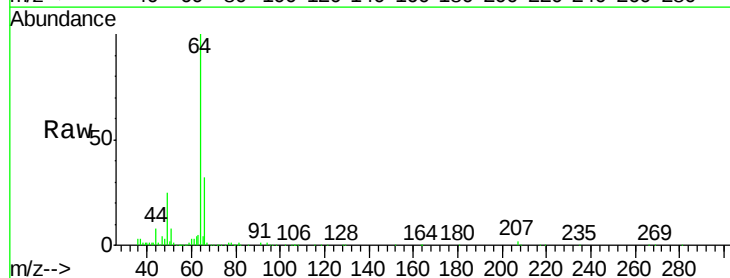
Acq: 16 Jul 2020 14:11

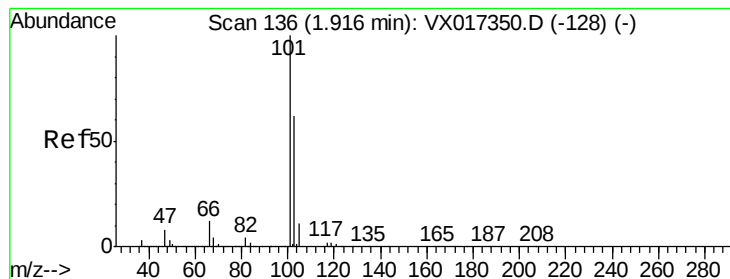
Tgt Ion: 64 Resp: 39817

Ion Ratio Lower Upper

64 100

66 31.6 25.7 38.5





#7

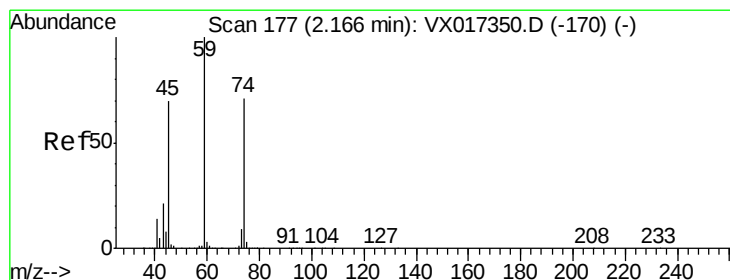
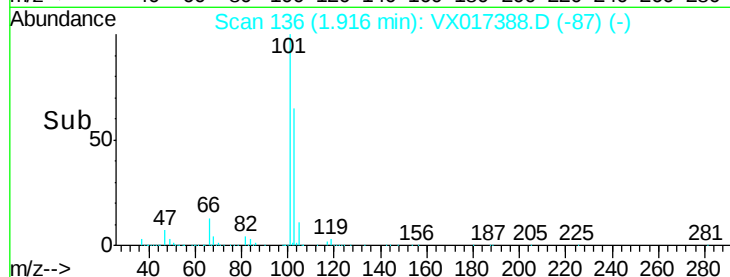
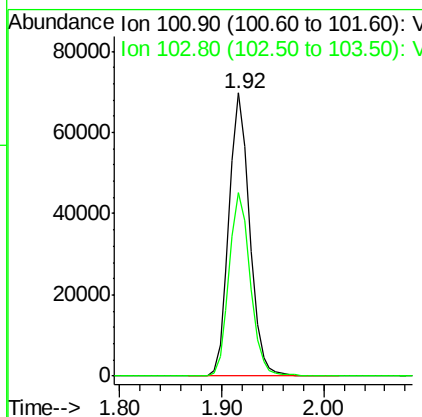
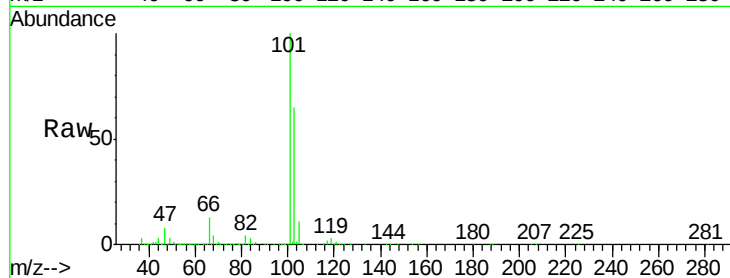
Trichlorofluoromethane
 Concen: 20.634 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
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 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.6	74.4

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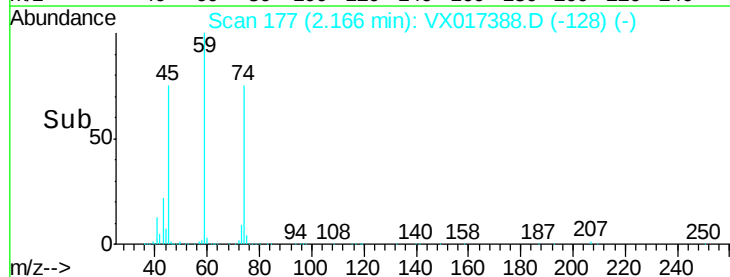
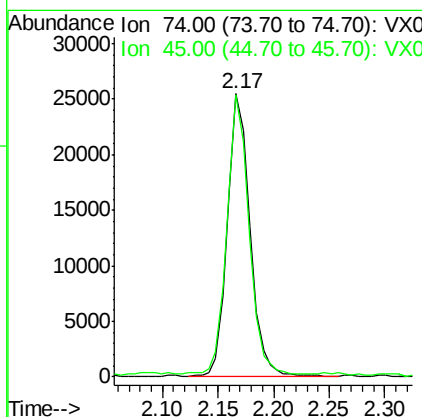
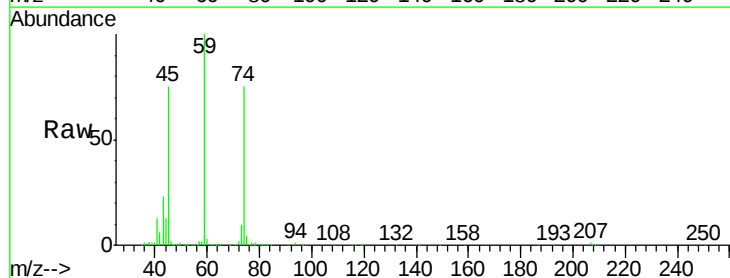
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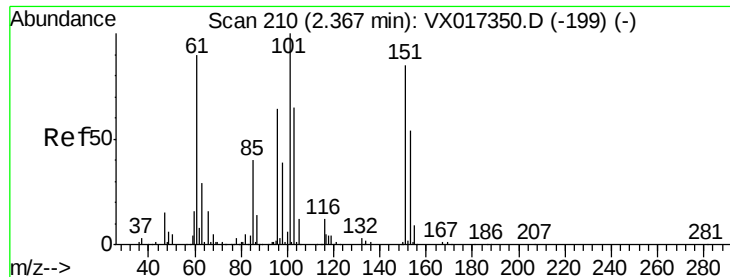


#8

Diethyl Ether
 Concen: 21.530 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.479 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

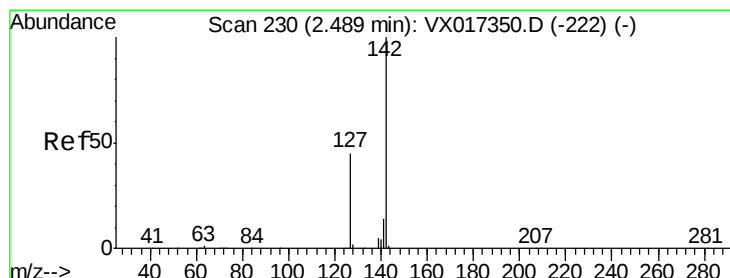
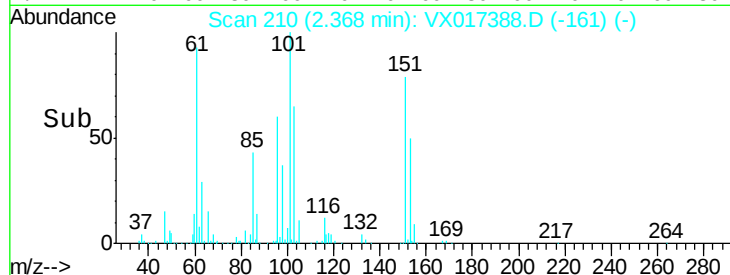
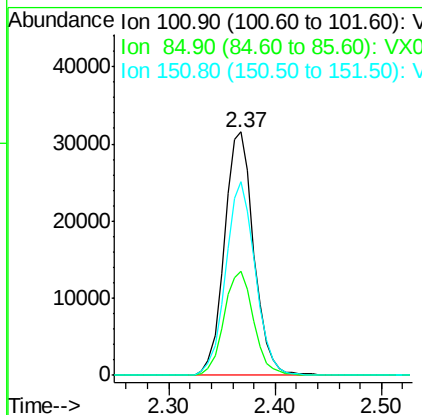
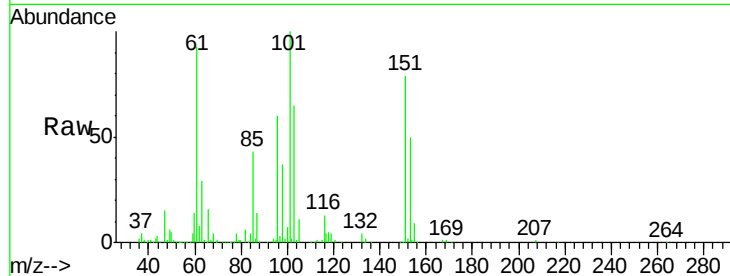
ClientSampleId :

VX0716WBSD01

Tot Ion:	101	Resp:	60909
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.7	50.5
151	80.1	66.4	99.6

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7/17/2020 4:44:13 PM



#10

Methyl Iodide

Concen: 19.487 ug/l

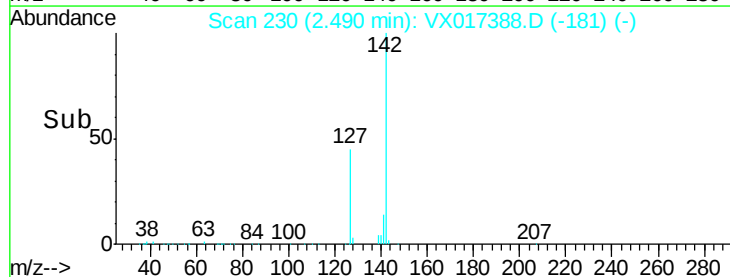
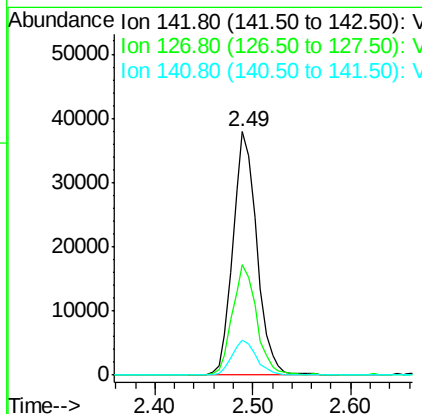
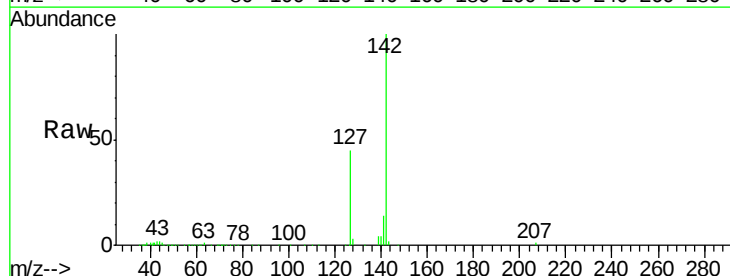
RT: 2.49 min Scan# 230

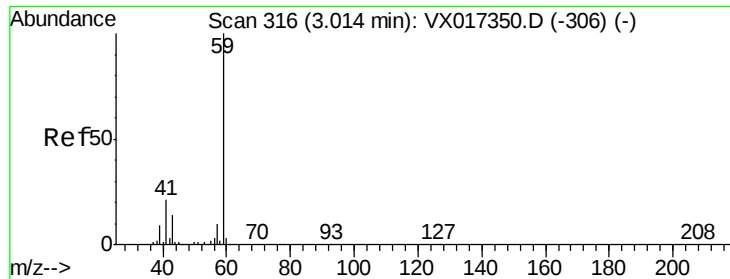
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	142	Resp:	64518
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.8	55.2
141	14.6	11.4	17.0





#11

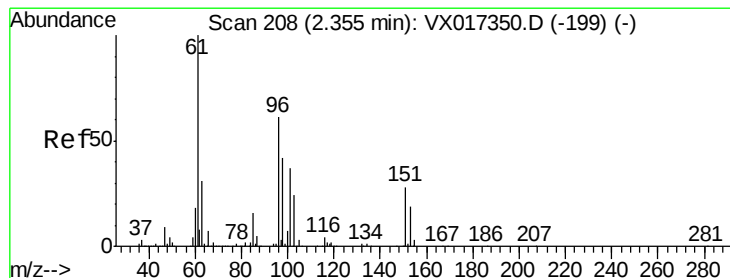
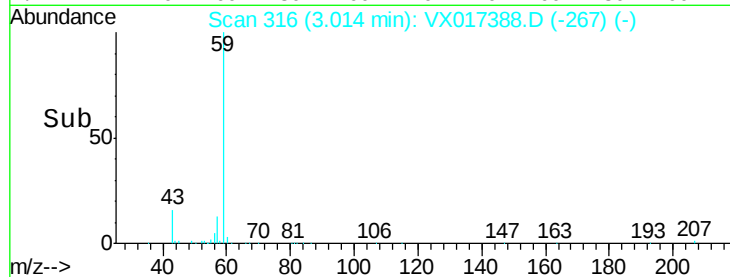
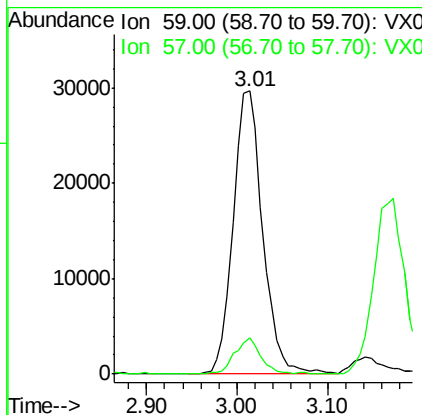
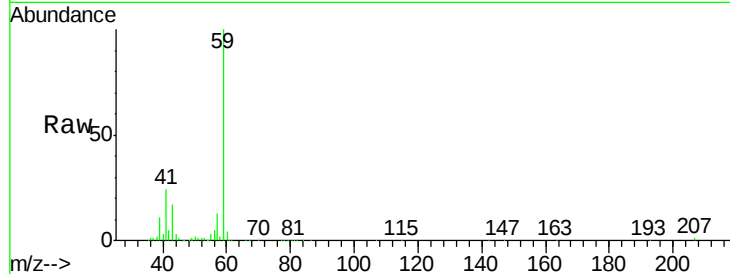
Tert butyl alcohol
Concen: 106.138 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	67115		
57	57	11.4		8.3	12.5

Manual Integrations
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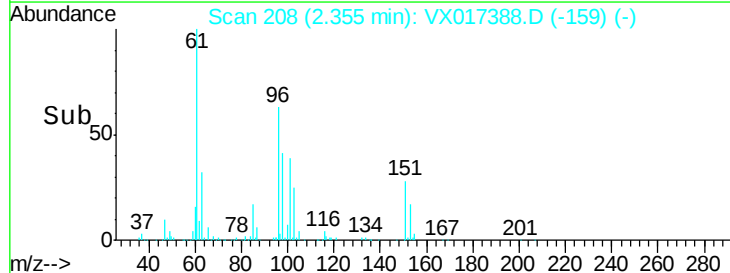
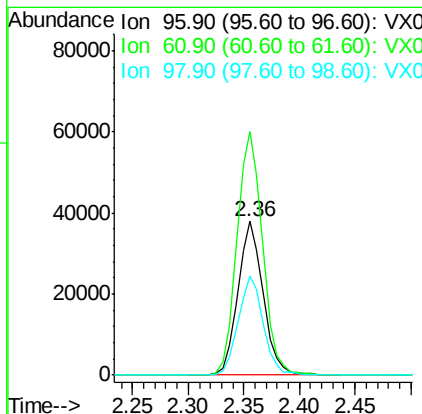
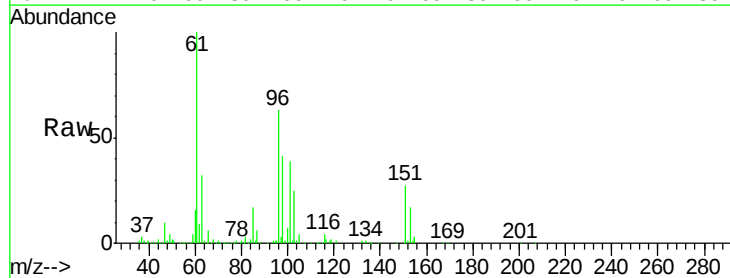
MMDadoda
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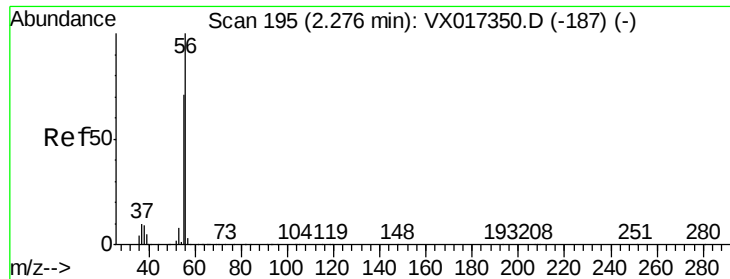


#12

1,1-Dichloroethene
Concen: 21.931 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	59681		
61	61	158.0		131.5	197.3
98	98	64.1		55.1	82.7





#13

Acrolein

Concen: 86.027 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 56 Resp: 29820

Ion Ratio Lower Upper

56 100

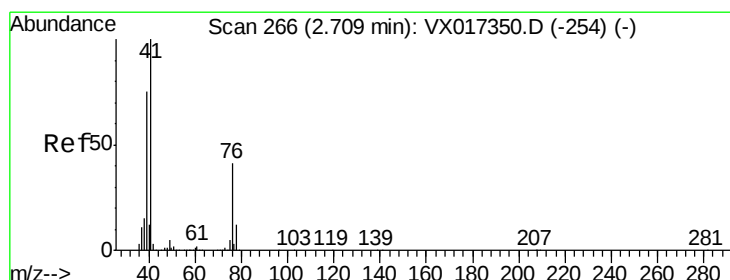
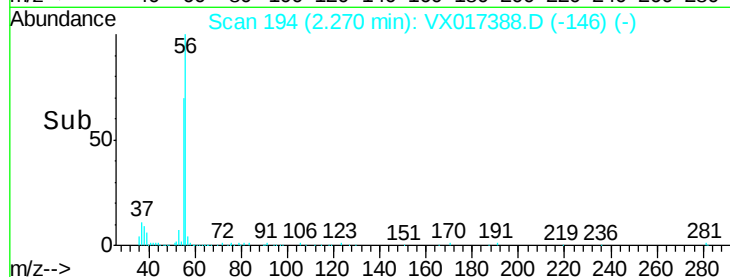
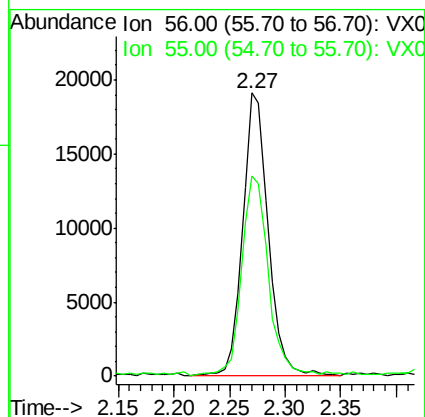
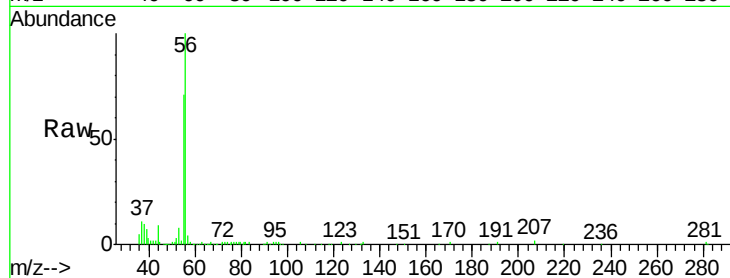
55 72.3 57.1 85.7

Manual Integrations

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7/17/2020 4:44:13 PM



#14

Allyl chloride

Concen: 22.228 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

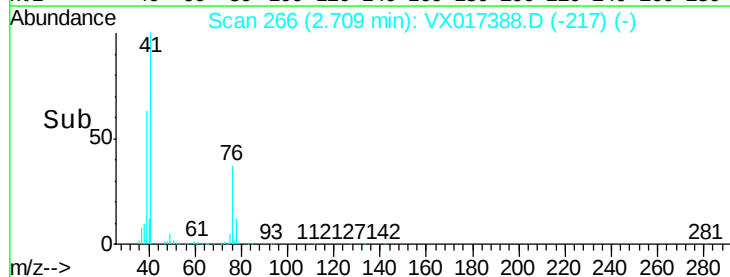
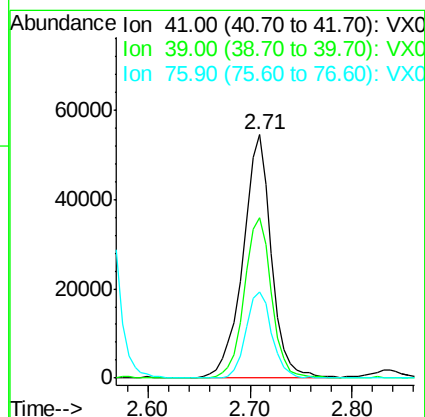
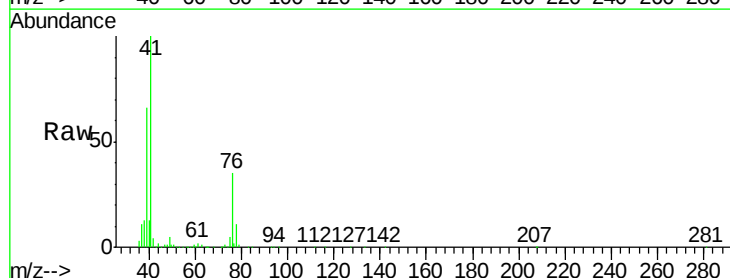
Tgt Ion: 41 Resp: 104812

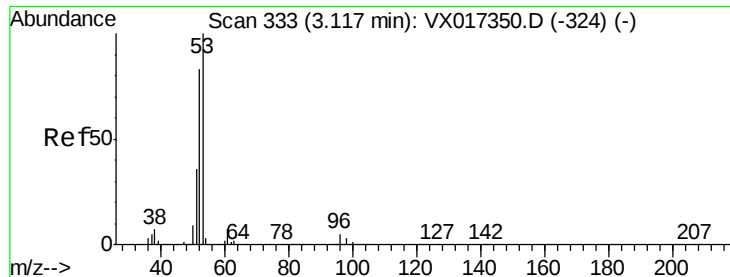
Ion Ratio Lower Upper

41 100

39 62.9 53.0 79.4

76 32.7 28.2 42.2





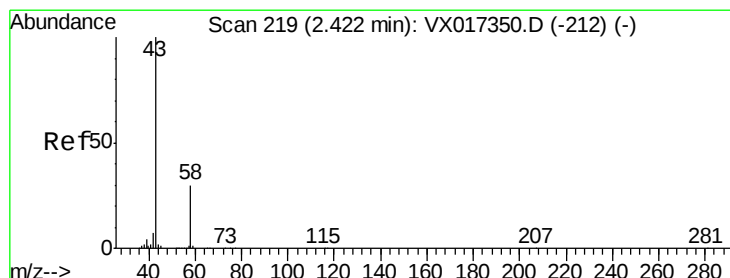
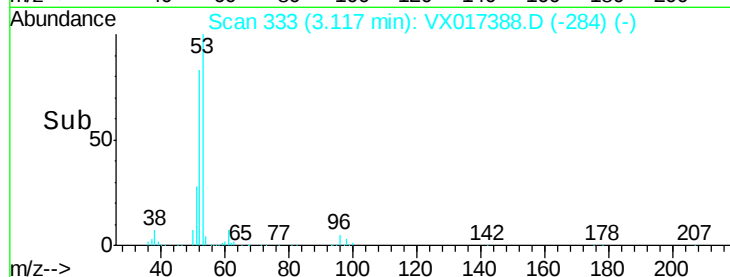
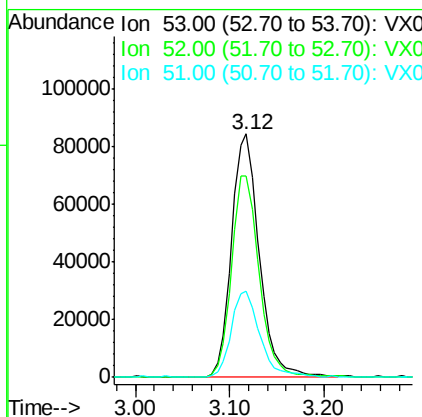
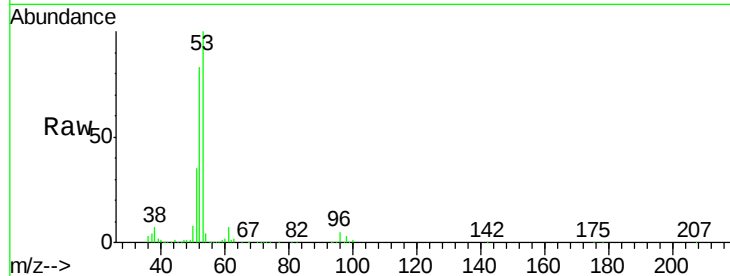
#15
 Acrylonitrile
 Concen: 112.543 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.8	98.6
51	36.9	29.2	43.8

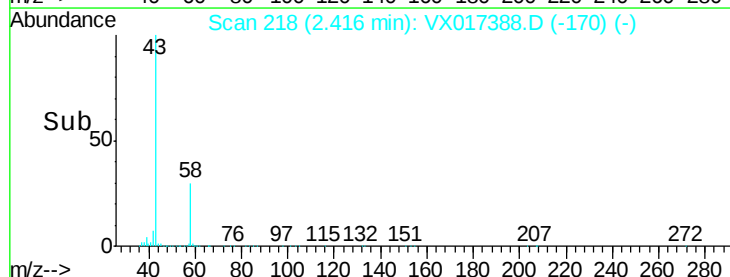
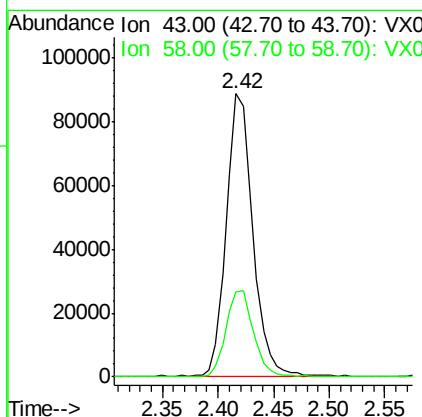
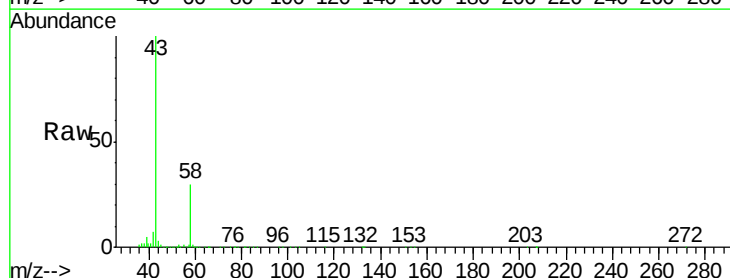
Manual Integrations
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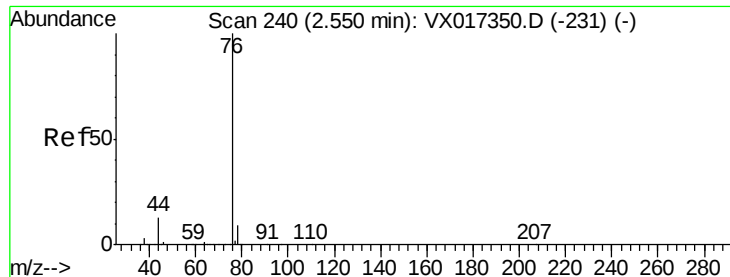
MMDadoda
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#16
 Acetone
 Concen: 108.805 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.2	36.2





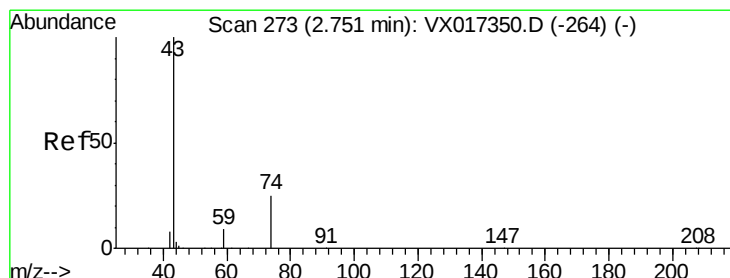
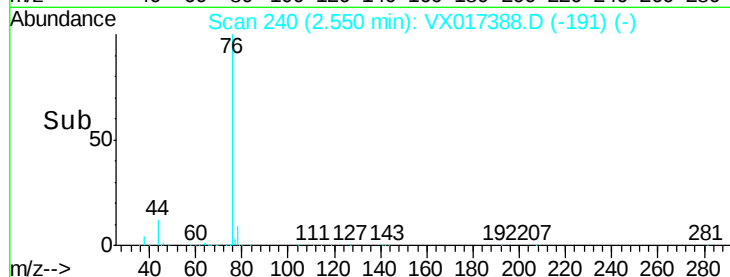
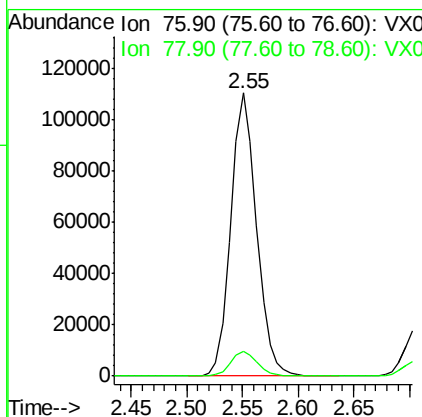
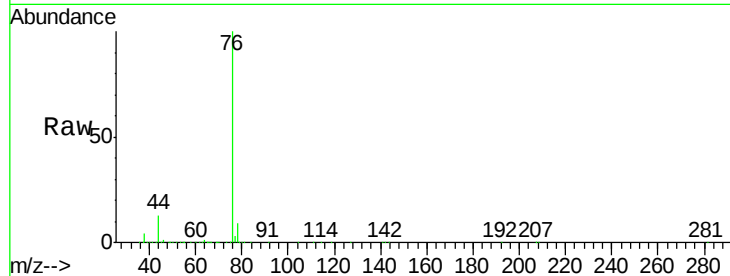
#17
Carbon Disulfide
Concen: 22.312 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

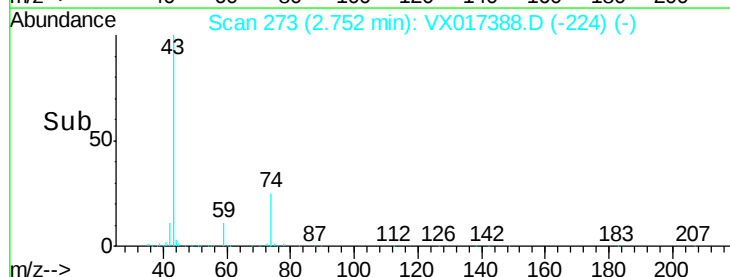
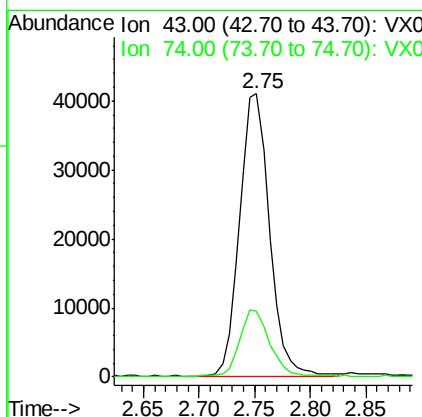
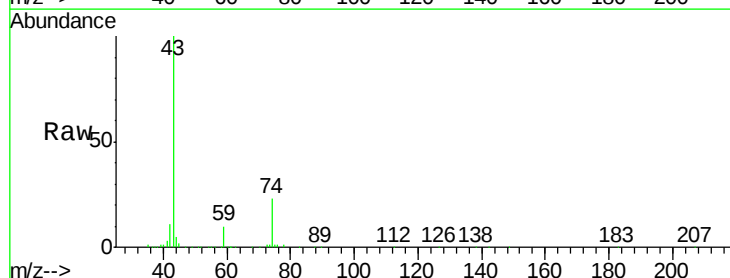
Manual Integrations
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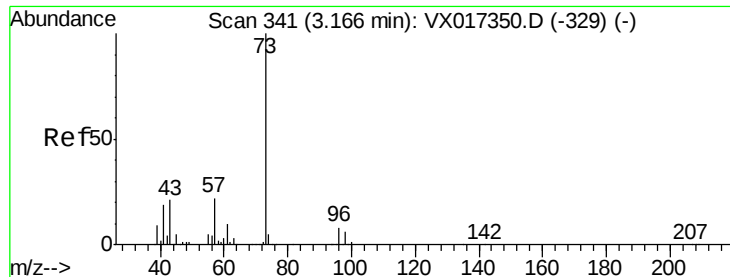
MMDadoda
7/17/2020 4:44:13 PM



#18
Methyl Acetate
Concen: 23.013 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.4	29.2





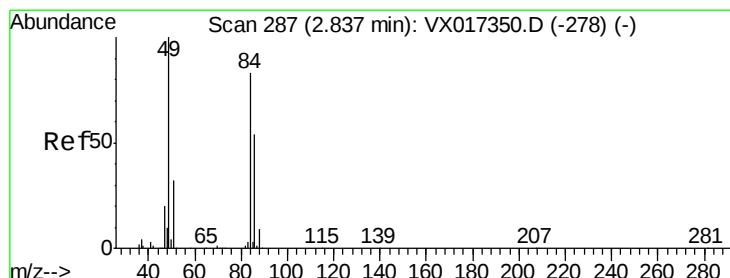
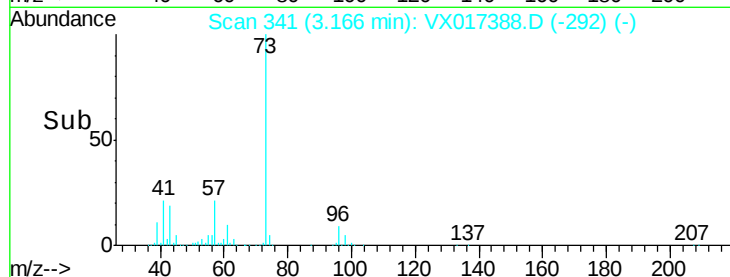
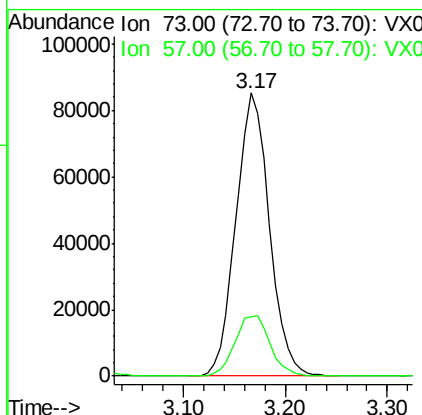
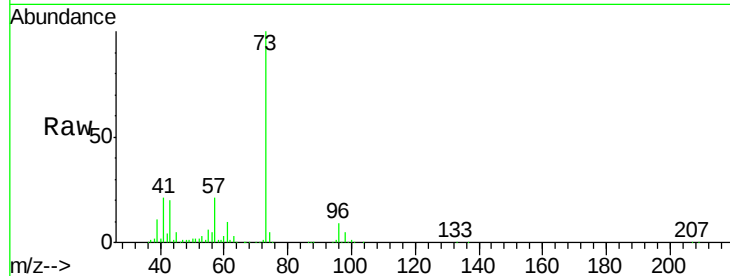
#19
Methvl tert-butvl Ether
Concen: 20.975 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.5	26.3

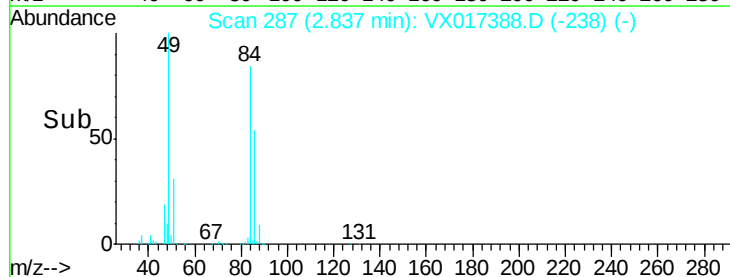
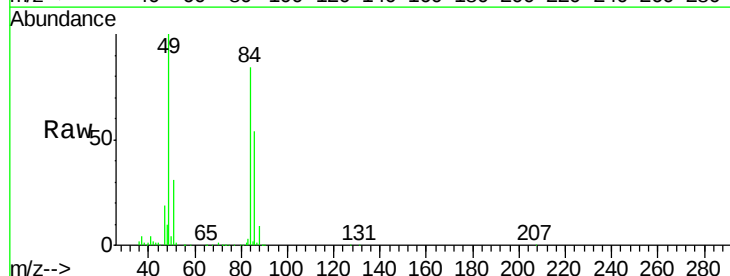
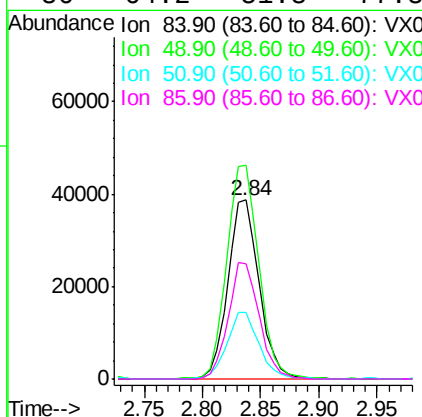
Manual Integrations
APPROVED

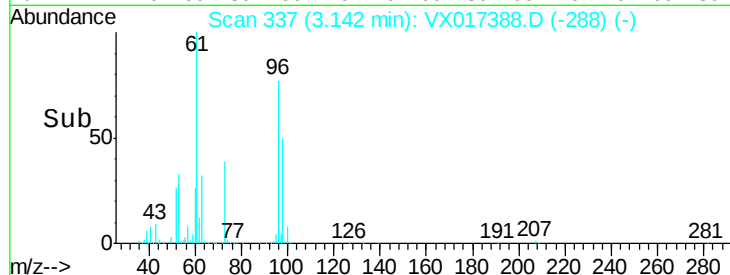
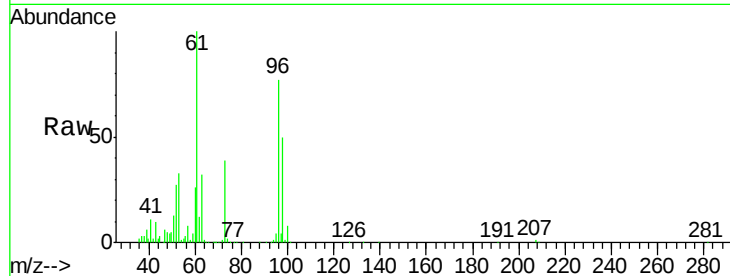
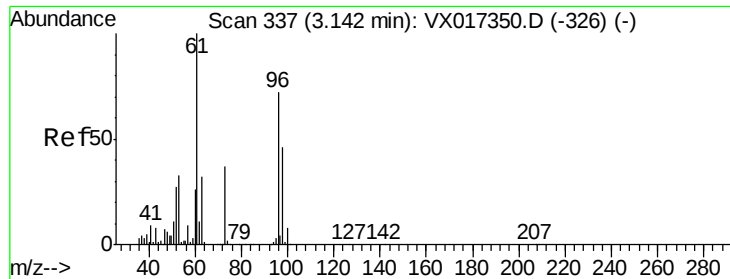
MMDadoda
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#20
Methylene Chloride
Concen: 22.132 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	95.8	143.8
51	37.3	31.0	46.4
86	64.2	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 21.650 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017388.D

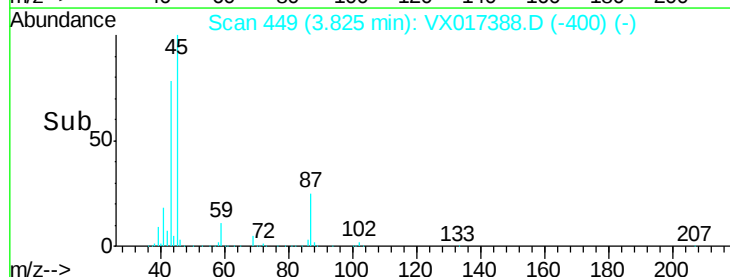
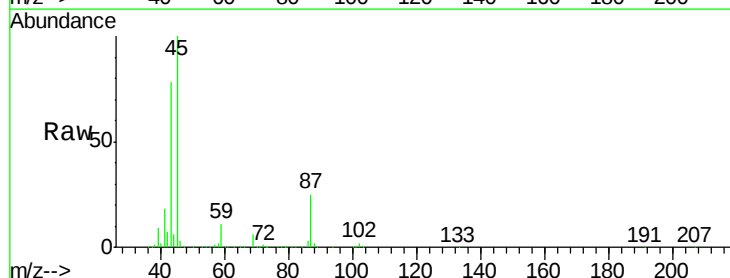
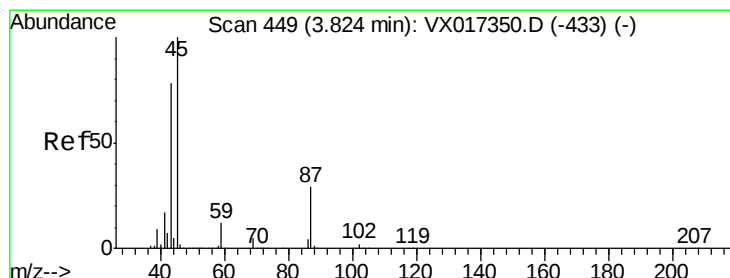
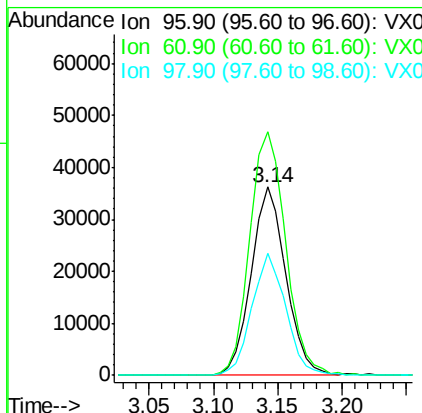
Acq: 16 Jul 2020 14:11

Tot Ion:	96	Resp:	67409
Ion	Ratio	Lower	Upper
96	100		
61	129.4	111.1	166.7
98	64.5	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.743 ug/l

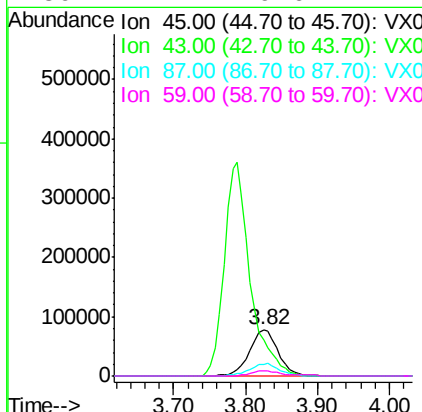
RT: 3.82 min Scan# 449

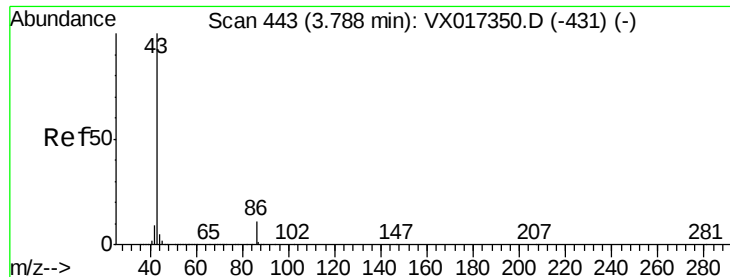
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	45	Resp:	213266
Ion	Ratio	Lower	Upper
45	100		
43	78.2	62.2	93.2
87	25.4	23.0	34.6
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 114.403 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 43 Resp: 903723

Ion Ratio Lower Upper

43 100

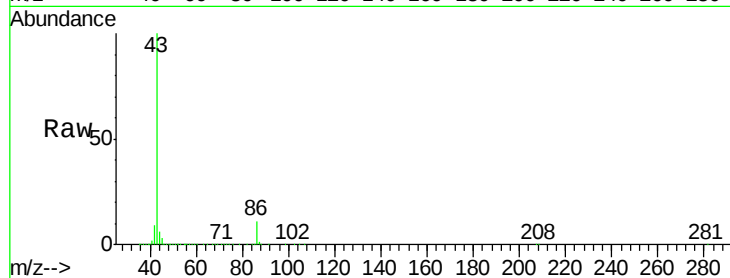
86 10.8 9.0 13.4

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

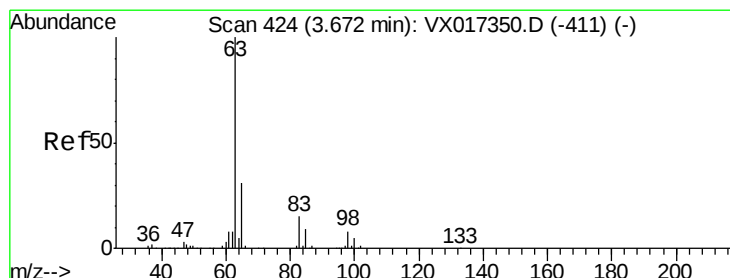
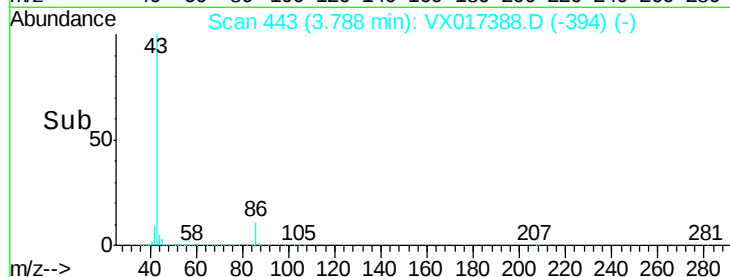
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 22.450 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

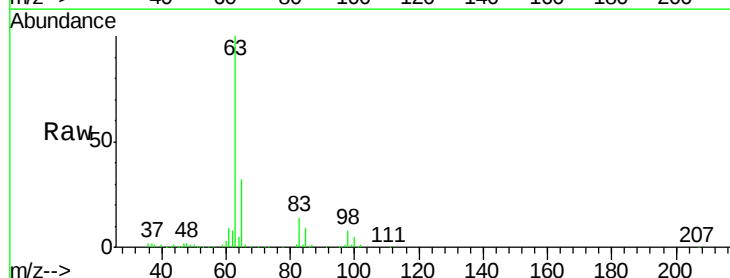
Tgt Ion: 63 Resp: 118507

Ion Ratio Lower Upper

63 100

98 7.6 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

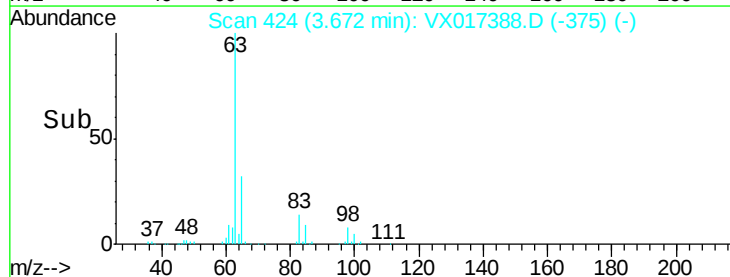
60000

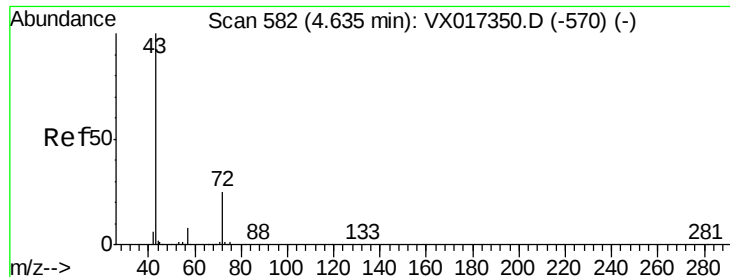
40000

20000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 110.831 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 43 Resp: 235703

Ion Ratio Lower Upper

43 100

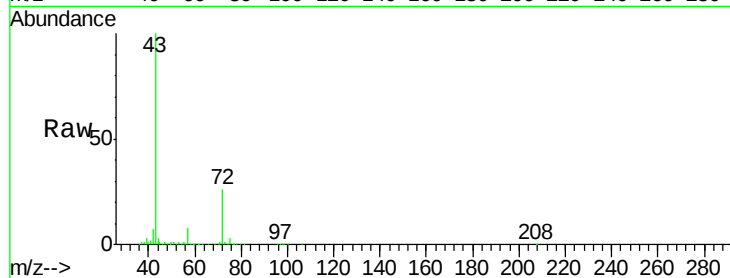
72 25.8 20.4 30.6

Manual Integrations

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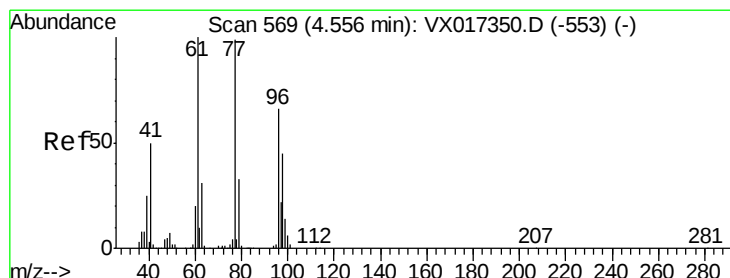
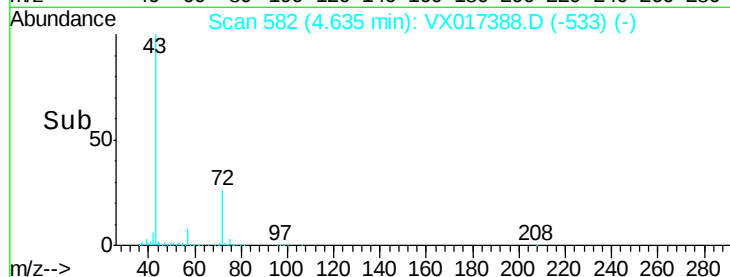
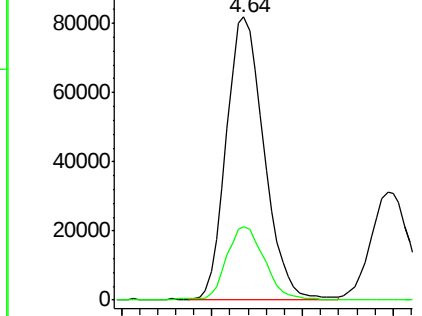
MMDadoda

7/17/2020 4:44:13 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.751 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017388.D

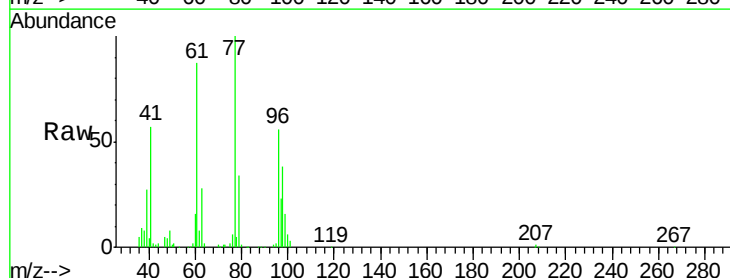
Acq: 16 Jul 2020 14:11

Tgt Ion: 77 Resp: 101944

Ion Ratio Lower Upper

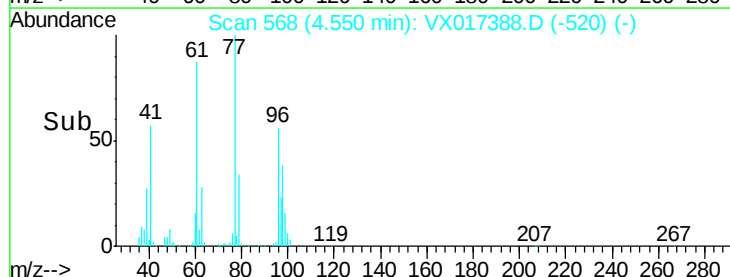
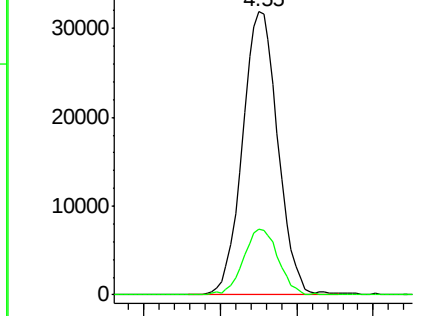
77 100

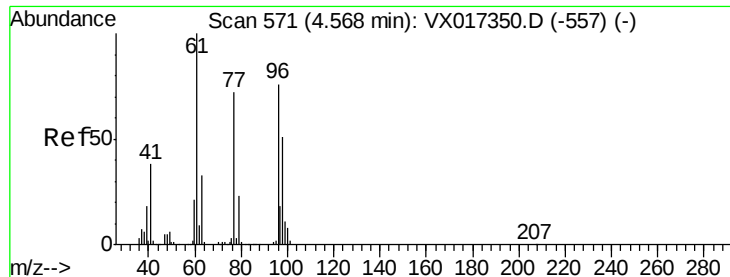
97 23.0 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

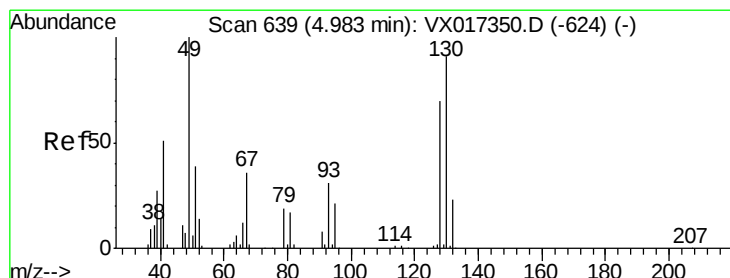
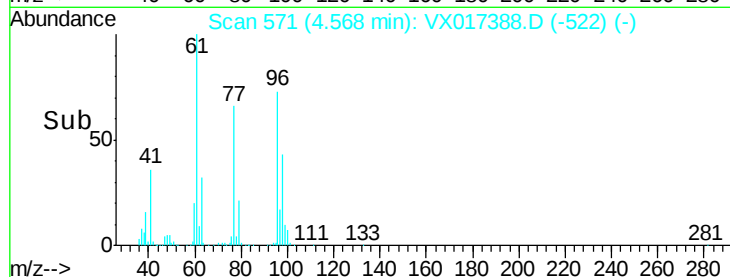
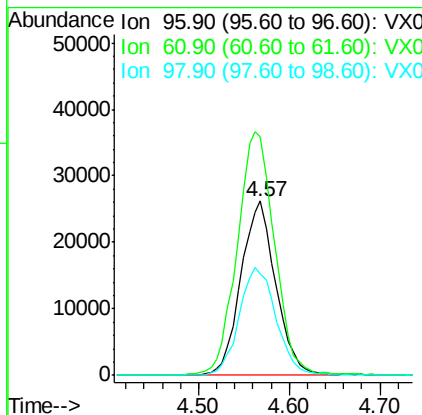
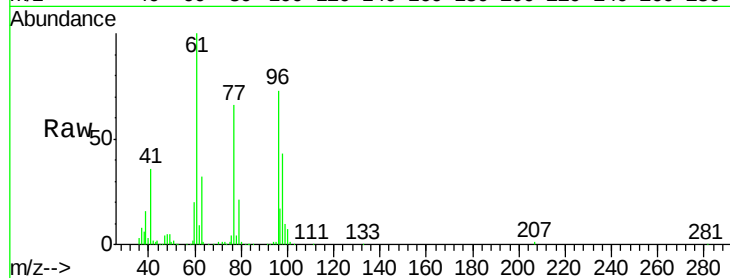
cis-1,2-Dichloroethene
Concen: 20.479 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	281.2
98	65.5	0.0	131.4

Manual Integrations
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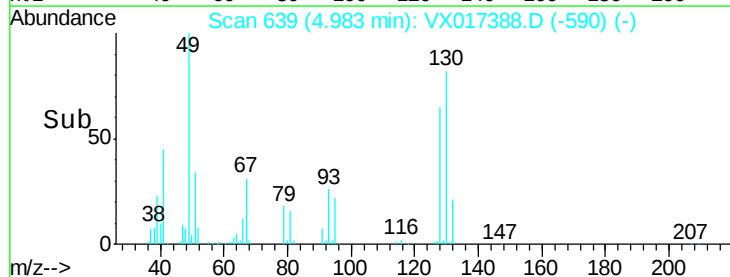
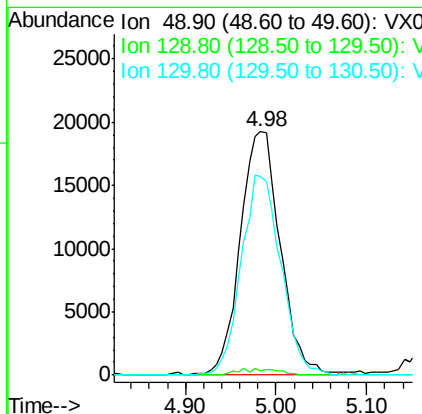
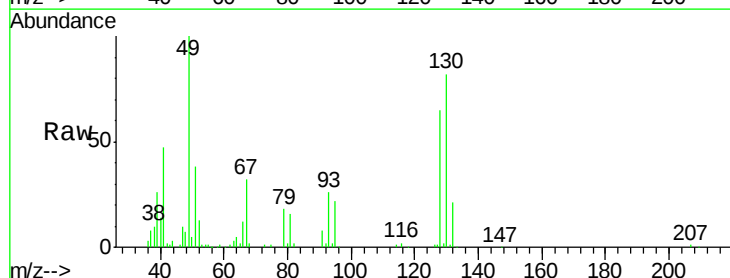
MMDadoda
7/17/2020 4:44:13 PM

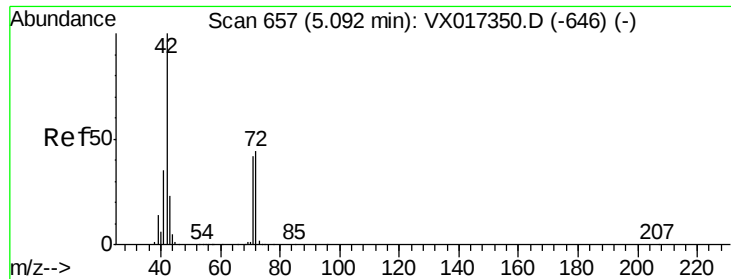


#28

Bromochloromethane
Concen: 24.183 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	81.1	71.1	106.7





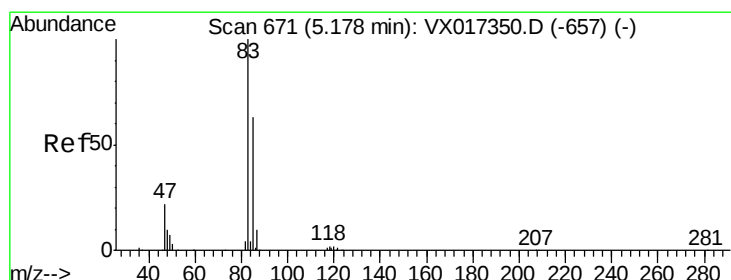
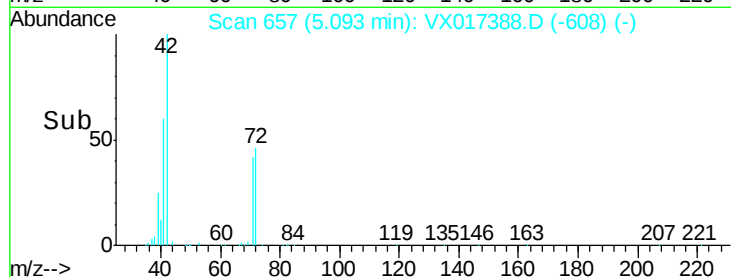
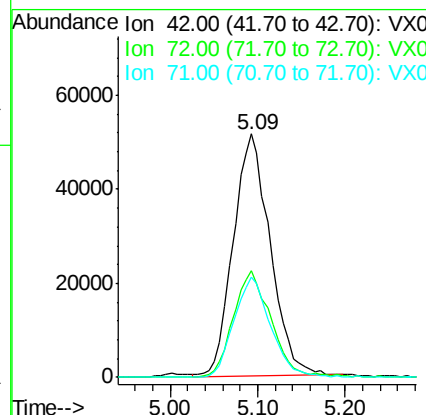
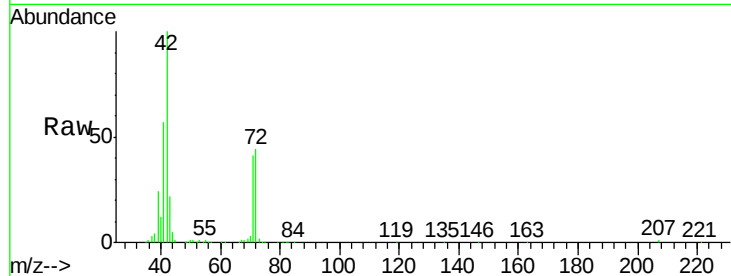
#29
Tetrahydrofuran
Concen: 109.916 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.2	55.8
71	41.2	34.4	51.6

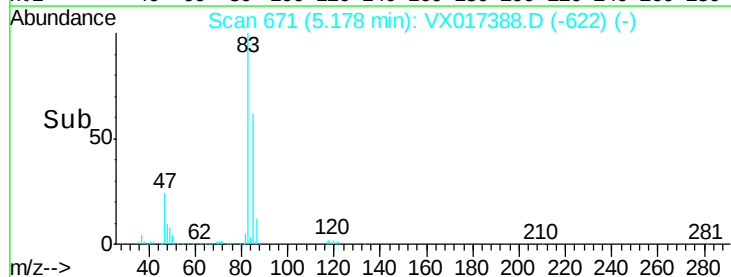
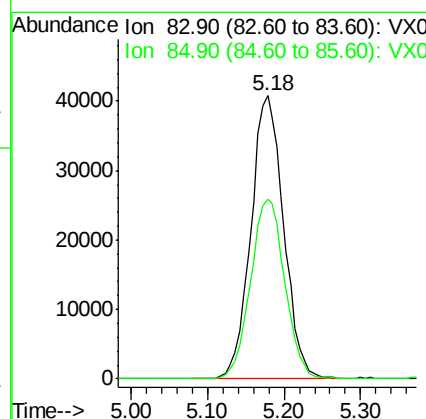
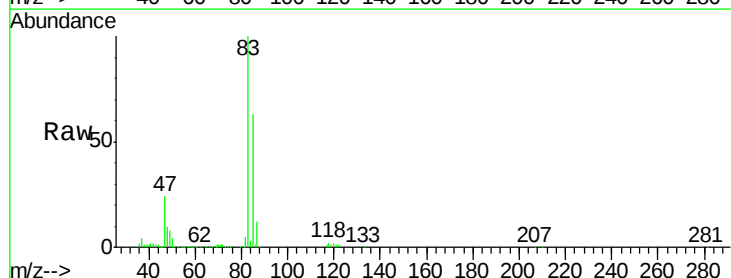
Manual Integrations
APPROVED

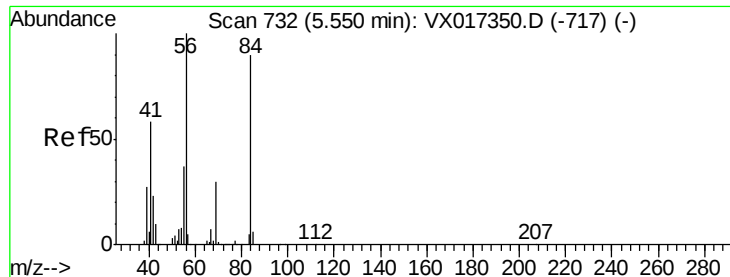
MMDadoda
7/17/2020 4:44:13 PM



#30
Chloroform
Concen: 21.389 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.4





#31

Cyclohexane

Concen: 21.675 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

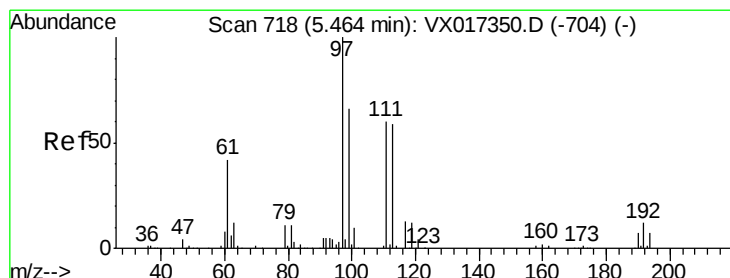
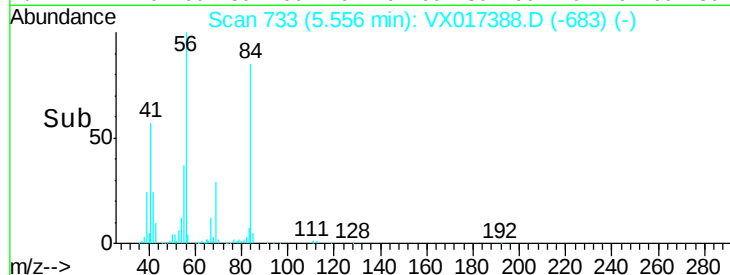
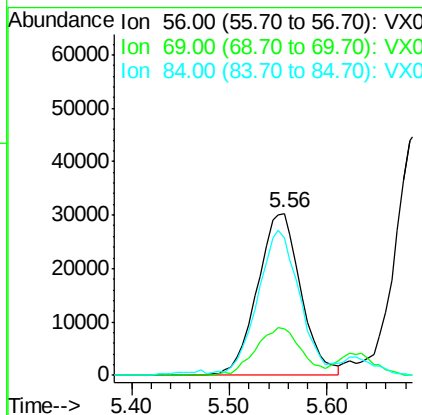
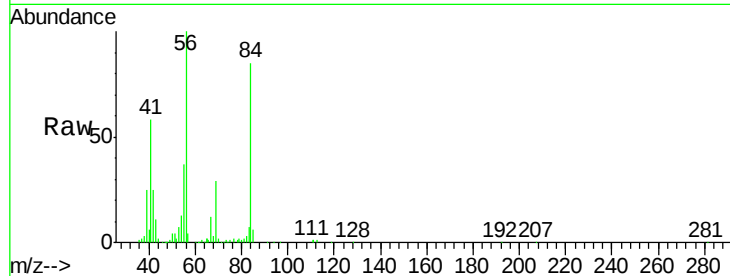
ClientSampleId :

VX0716WBSD01

Tot Ion:	56	Resp:	93669
Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.7	35.5
84	83.2	71.8	107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.956 ug/l

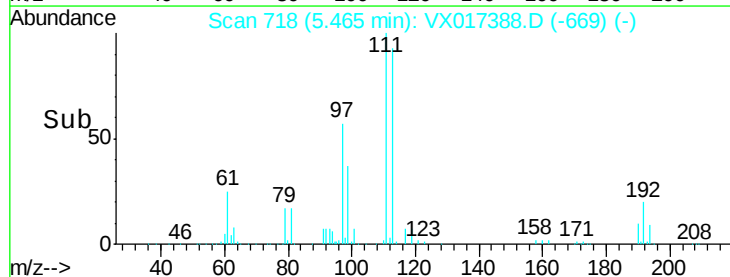
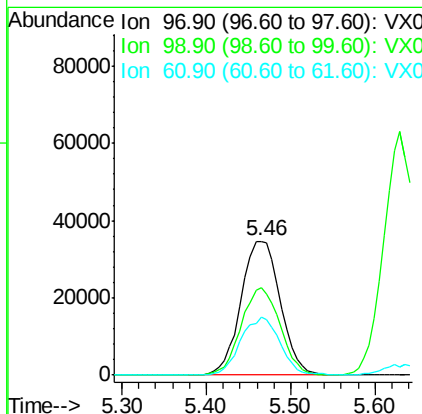
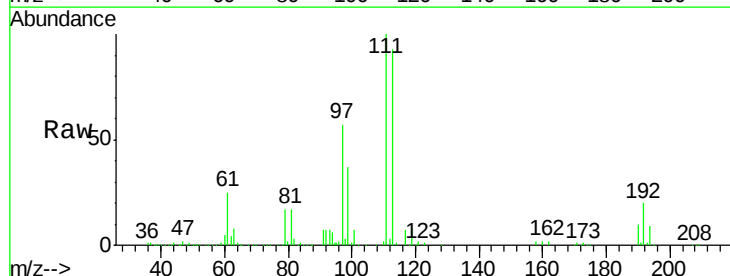
RT: 5.46 min Scan# 718

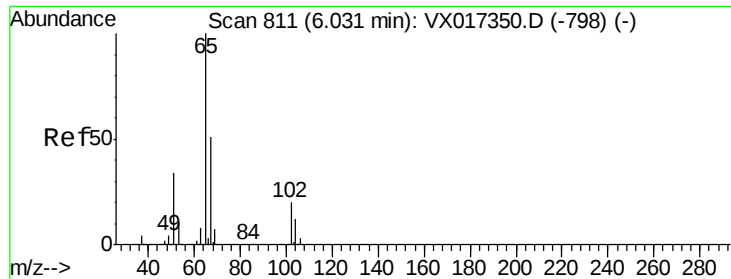
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	97	Resp:	110028
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	43.2	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 52.730 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 65 Resp: 197904

Ion Ratio Lower Upper

65 100

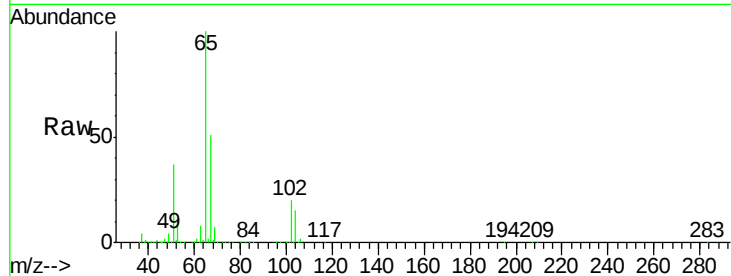
67 52.9 0.0 101.6

Manual Integrations

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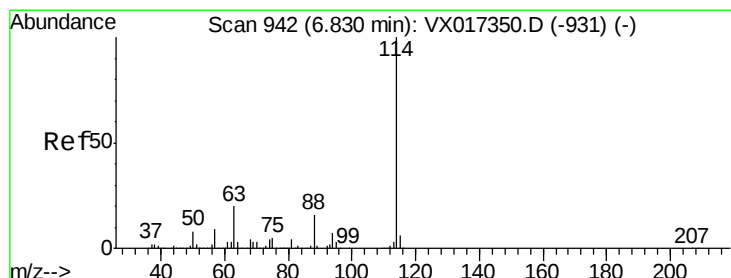
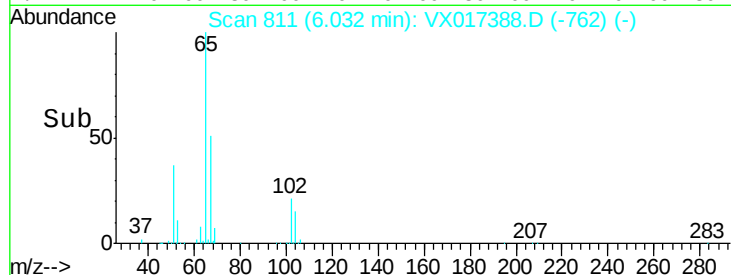
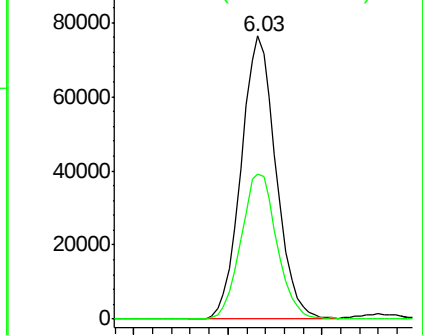
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

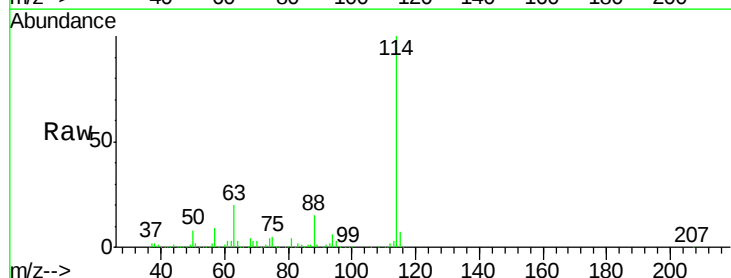
Tgt Ion: 114 Resp: 468945

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

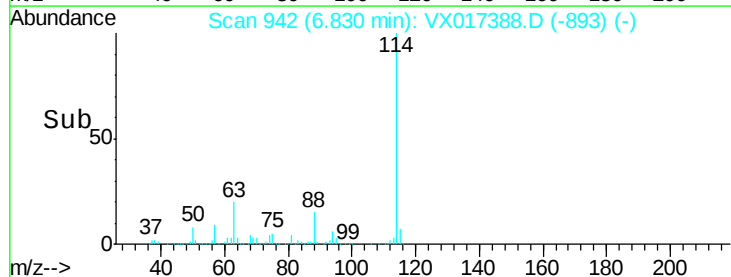
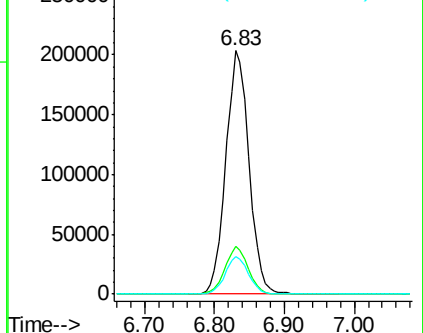
88 15.3 0.0 32.8

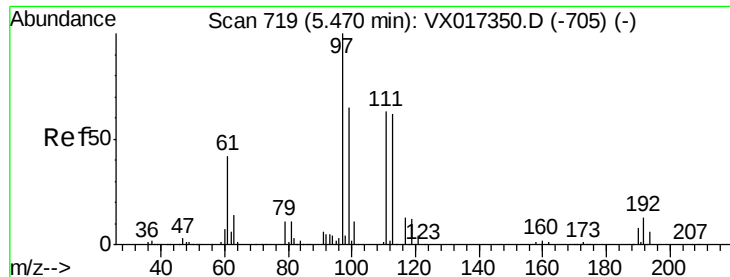


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.936 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

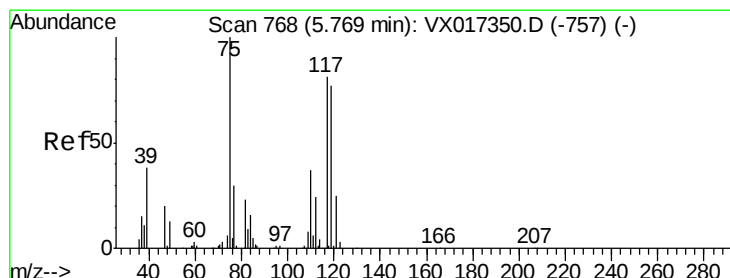
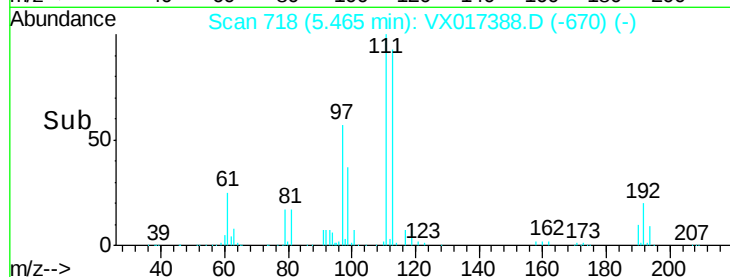
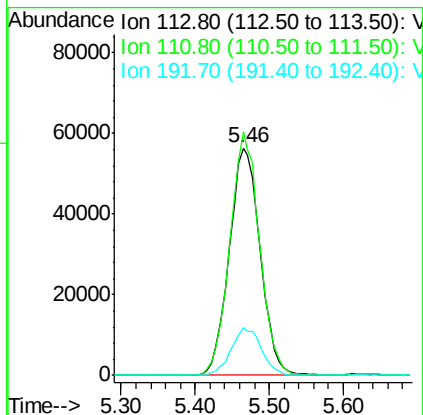
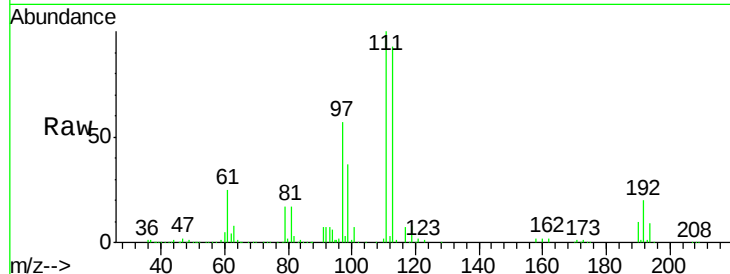
ClientSampleId :

VX0716WBSD01

Tot Ion:	113	Resp:	164061
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	20.7	17.2	25.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.280 ug/l

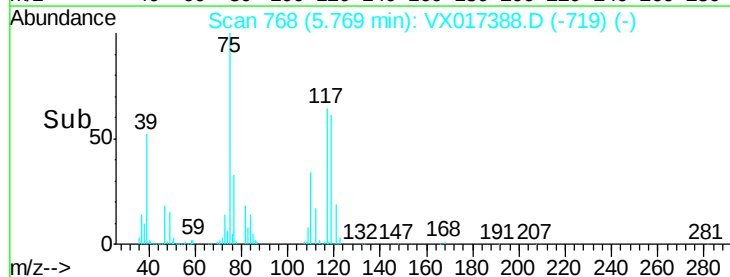
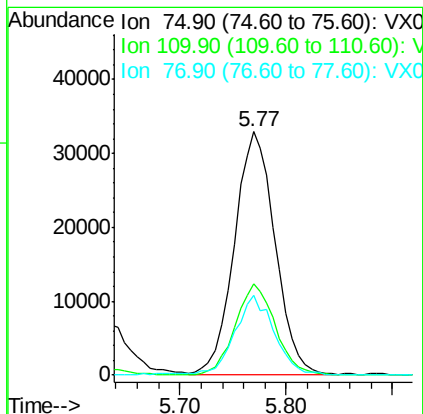
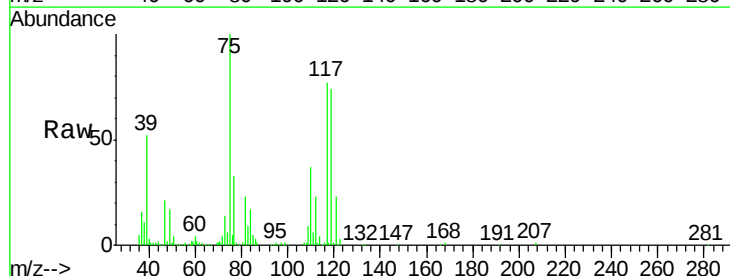
RT: 5.77 min Scan# 768

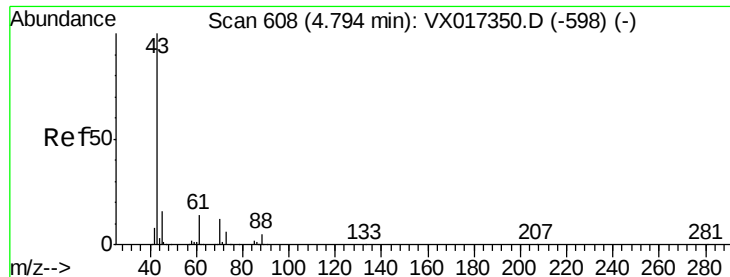
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	75	Resp:	87476
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.6	55.8
77	32.1	24.9	37.3





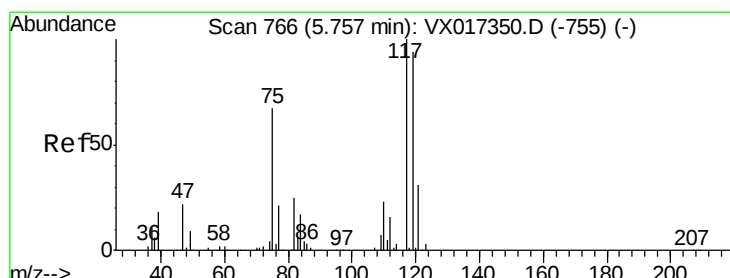
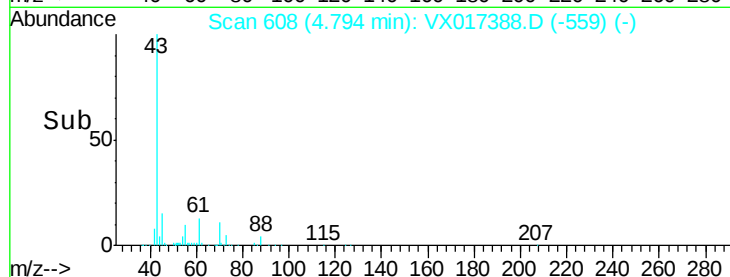
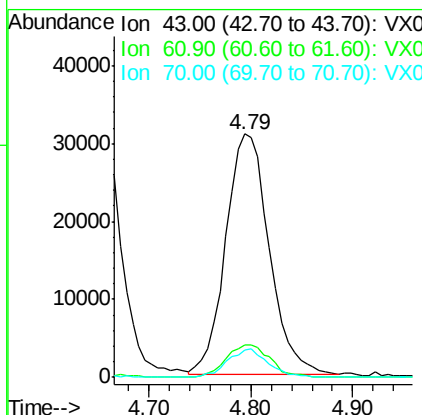
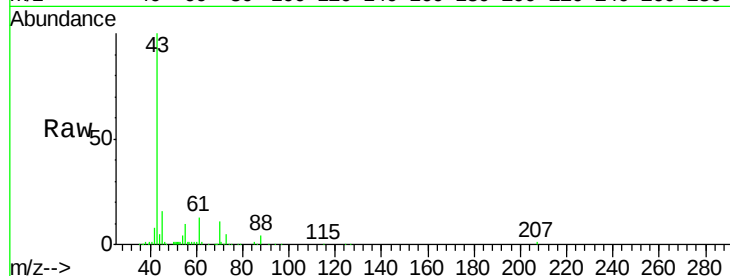
#37
Ethyl Acetate
Concen: 20.510 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	11.1	9.0	13.6

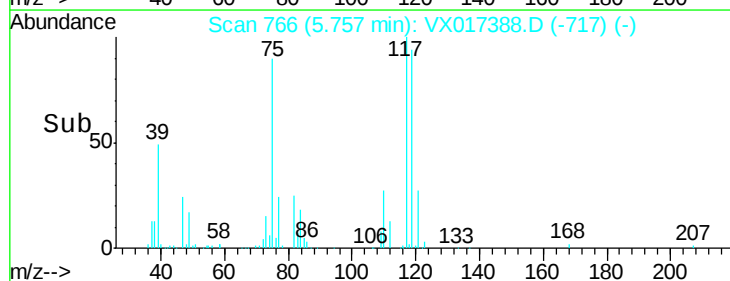
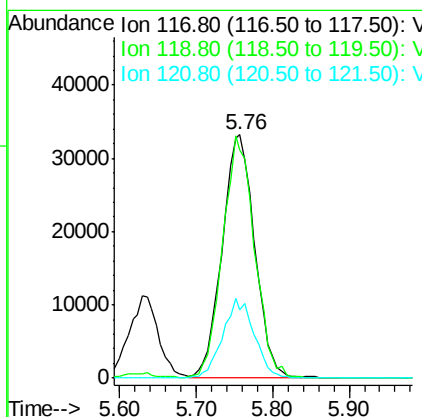
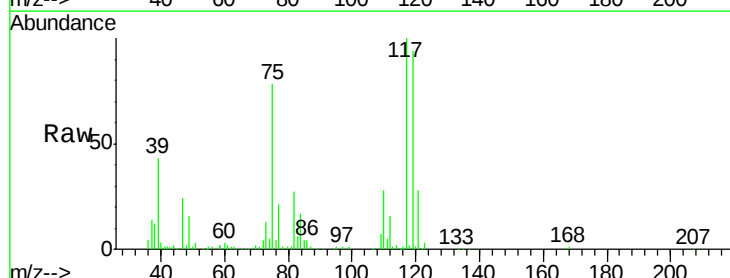
Manual Integrations
APPROVED

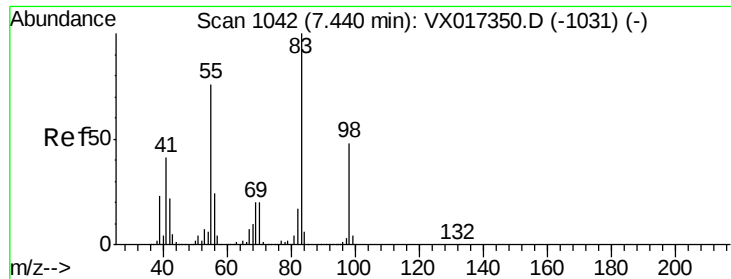
MMDadoda
7/17/2020 4:44:13 PM



#38
Carbon Tetrachloride
Concen: 19.413 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.7	112.1
121	28.2	24.5	36.7





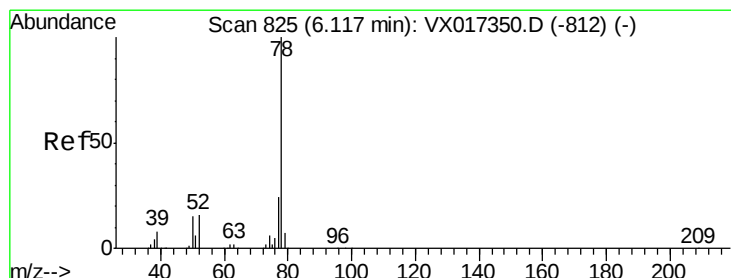
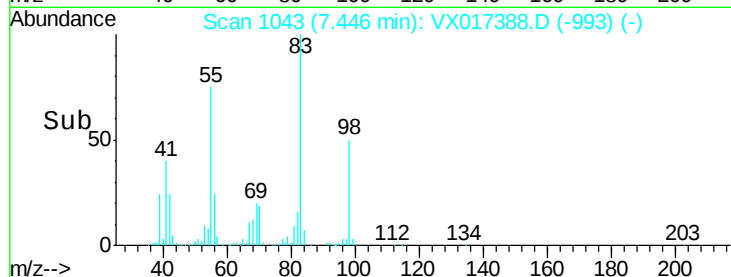
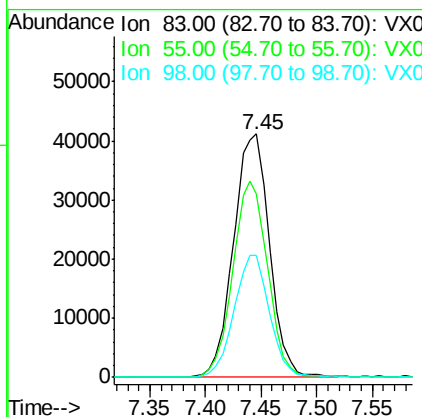
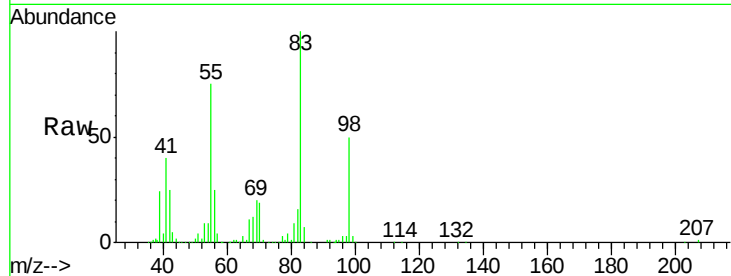
#39
Methvlcvclohexane
Concen: 19.712 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.9	61.2	91.8	
98	50.1	38.1	57.1	

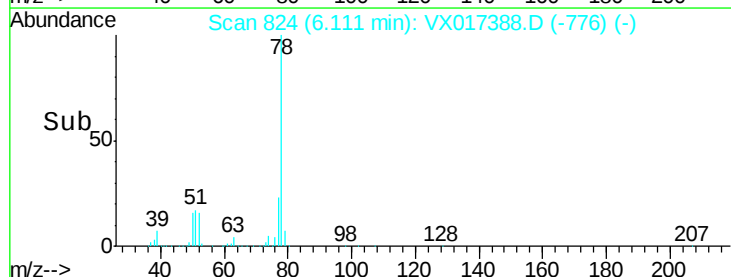
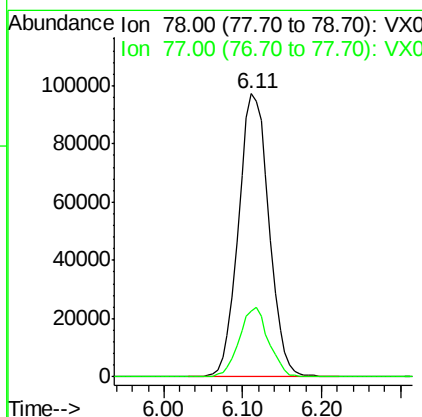
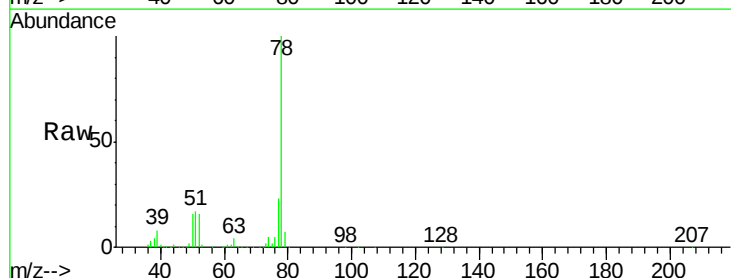
Manual Integrations
APPROVED

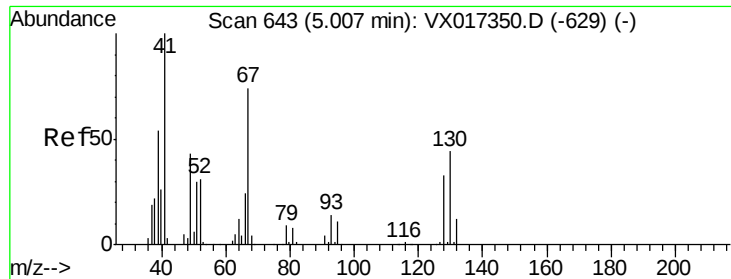
MMDadoda
7/17/2020 4:44:13 PM



#40
Benzene
Concen: 21.179 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	18.9	28.3	





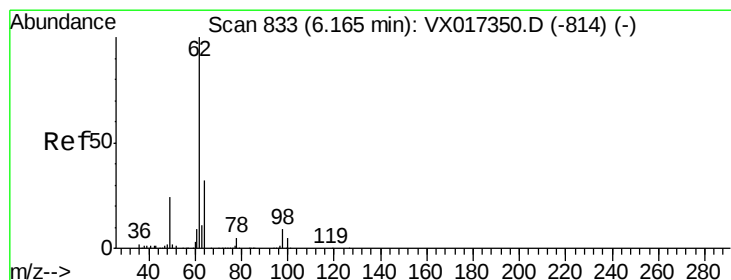
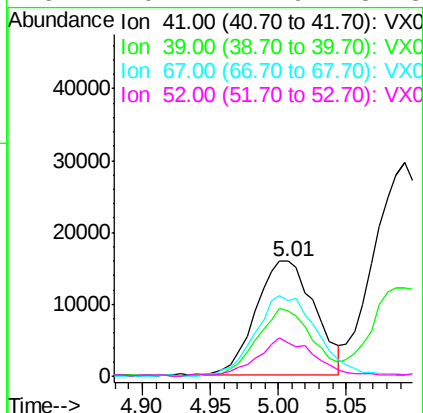
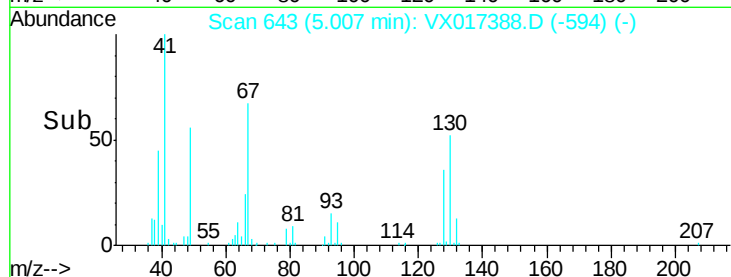
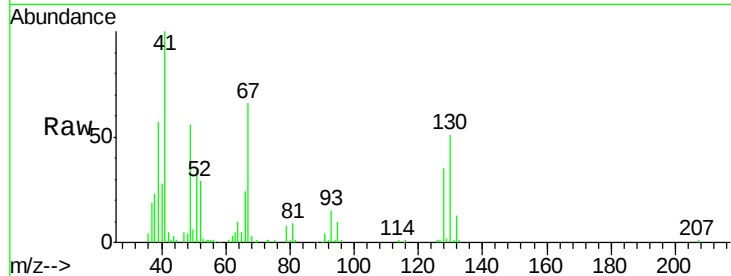
#41
Methacrylonitrile
Concen: 20.207 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	43.8	65.8	
67	74.8	58.7	88.1	
52	29.2	24.9	37.3	

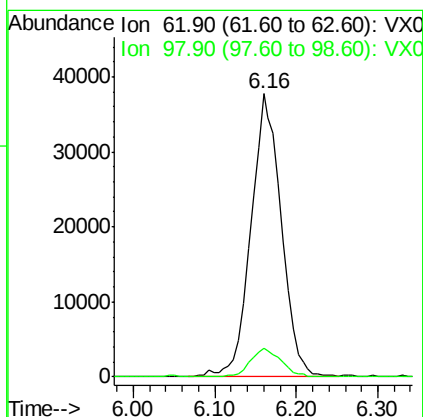
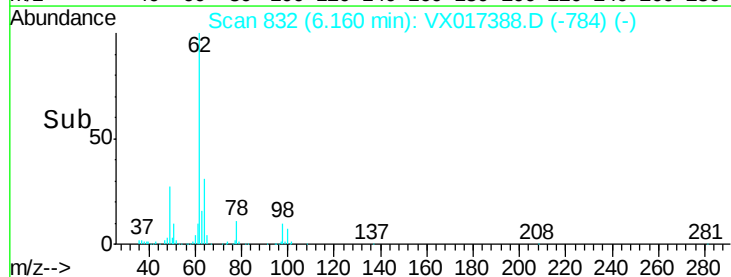
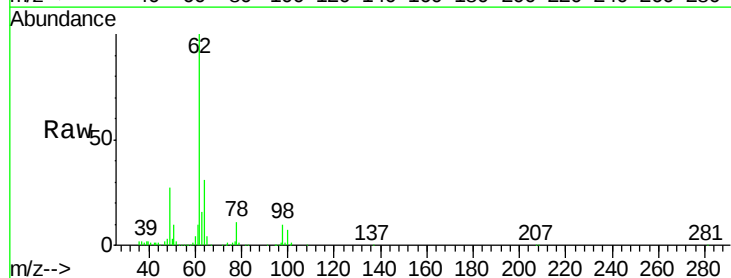
Manual Integrations
APPROVED

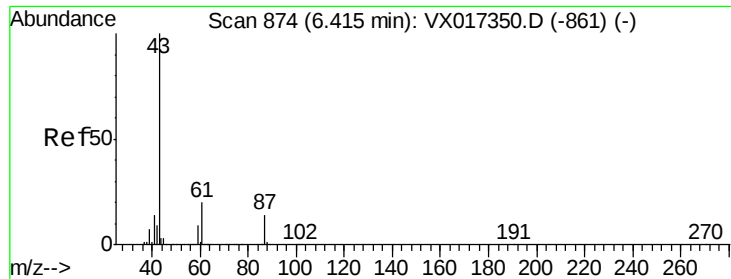
MMDadoda
7/17/2020 4:44:13 PM



#42
1,2-Dichloroethane
Concen: 20.220 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.4	





#43

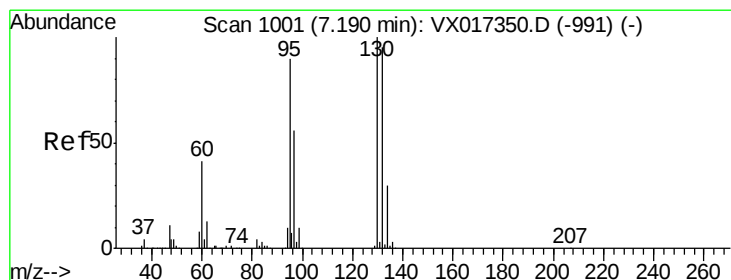
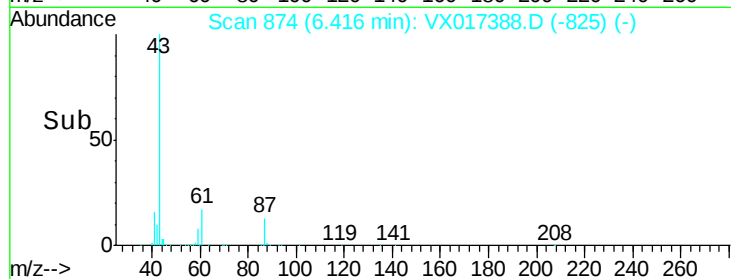
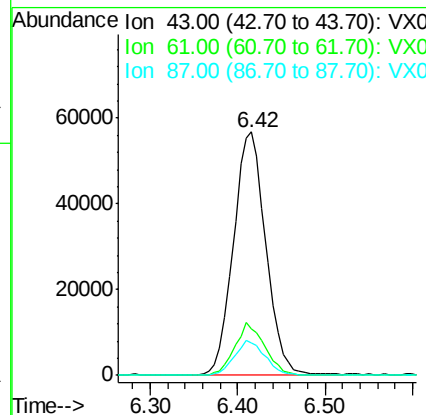
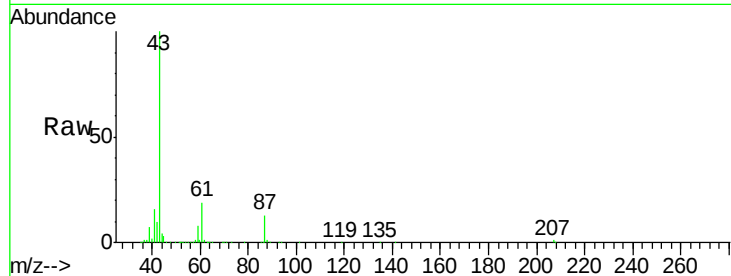
Isopropyl Acetate
 Concen: 20.575 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.4	24.6
87	13.4	11.2	16.8

Manual Integrations
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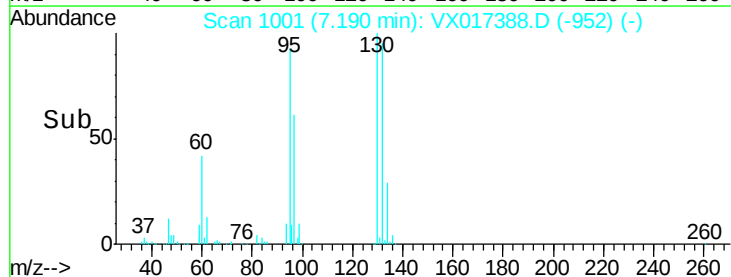
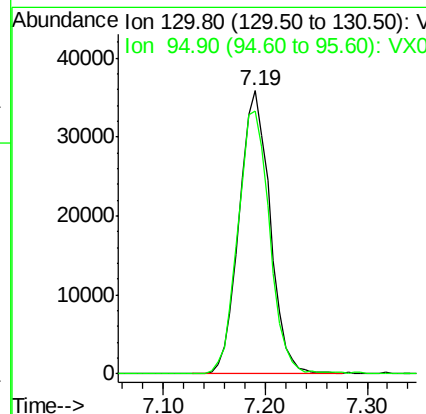
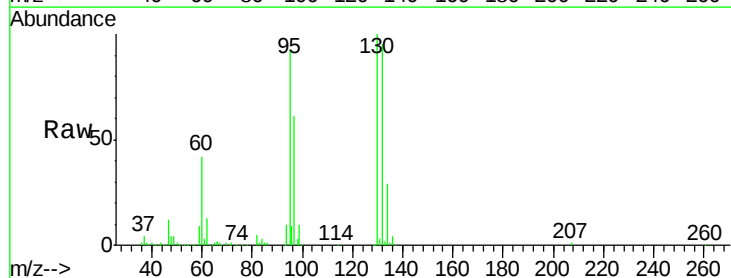
MMDadoda
 7/17/2020 4:44:13 PM

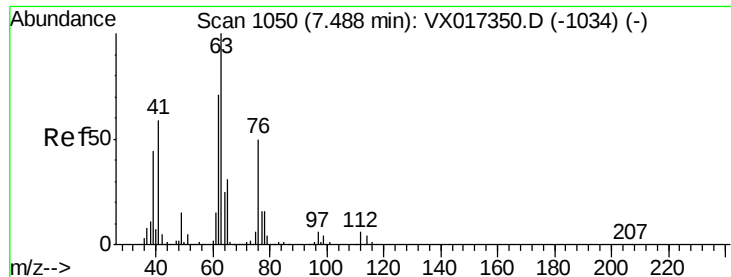


#44

Trichloroethene
 Concen: 19.875 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	180.2





#45

1,2-Dichloropropane

Concen: 21.763 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 63 Resp: 69029

Ion Ratio Lower Upper

63 100

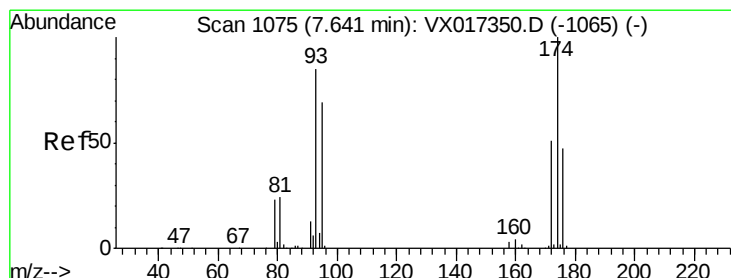
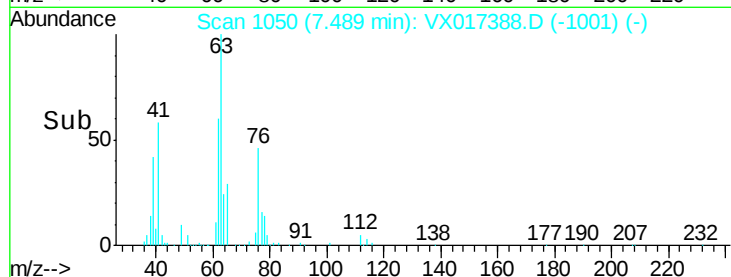
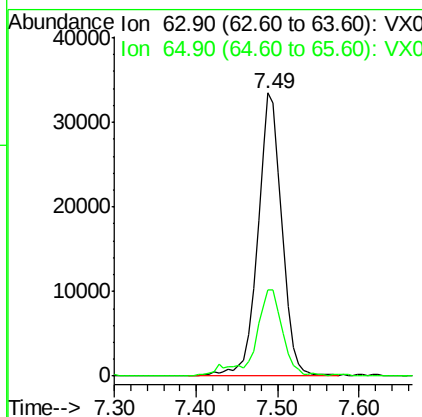
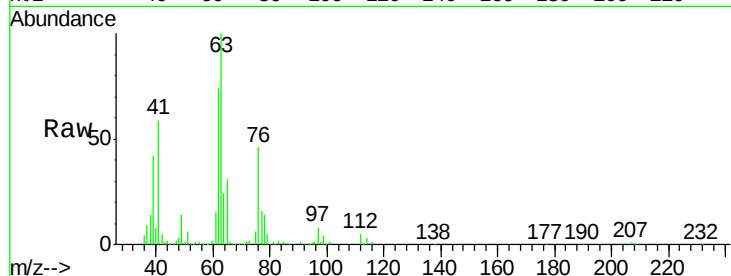
65 30.7 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 21.039 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

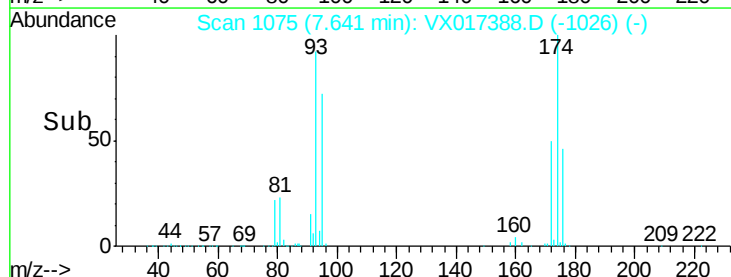
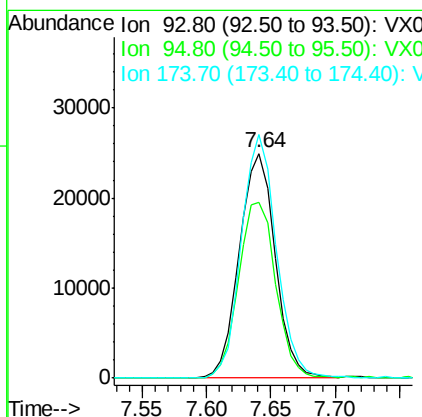
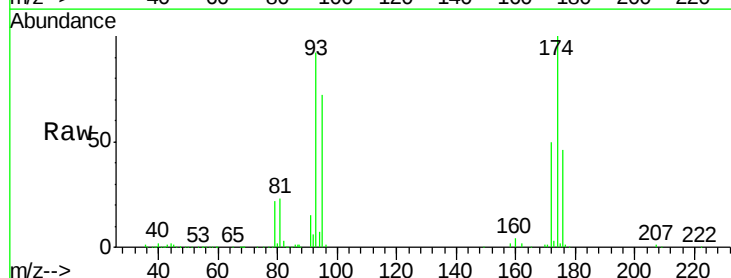
Tgt Ion: 93 Resp: 48130

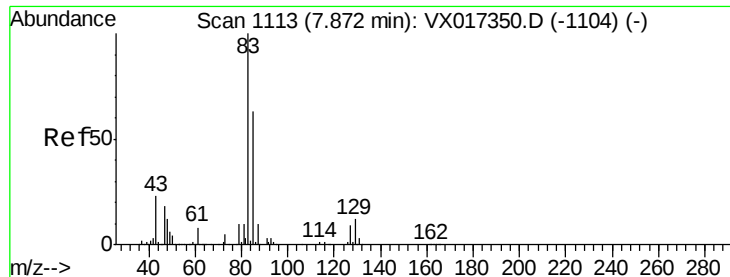
Ion Ratio Lower Upper

93 100

95 81.5 65.4 98.2

174 106.0 91.2 136.8





#47

Bromodichloromethane

Concen: 20.357 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

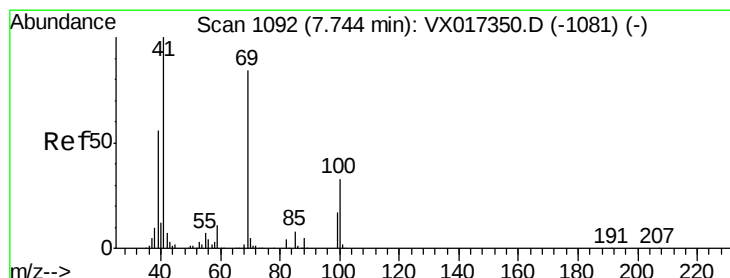
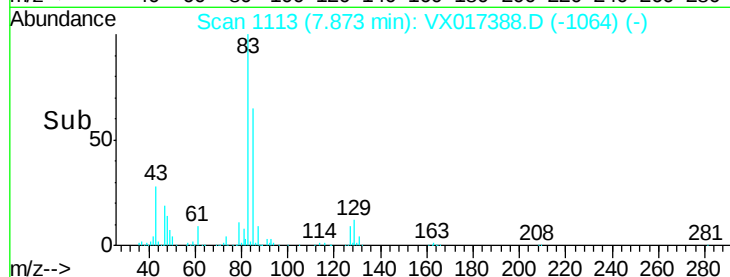
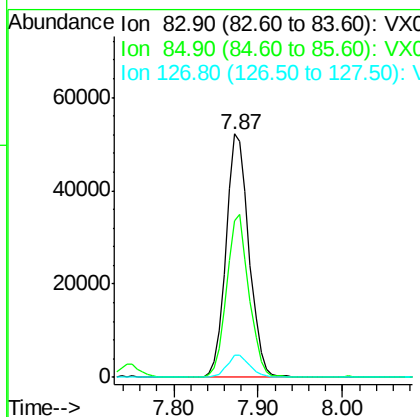
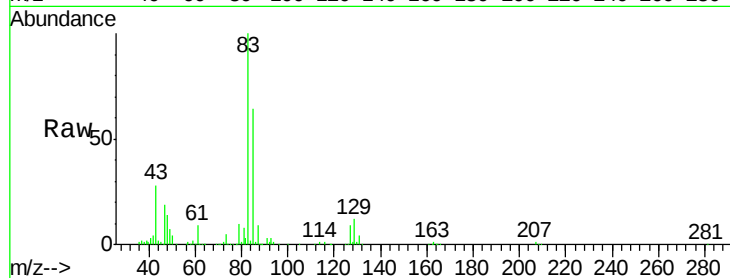
ClientSampleId :

VX0716WBSD01

Tot Ion:	83	Resp:	97359
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4
127	9.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.964 ug/l

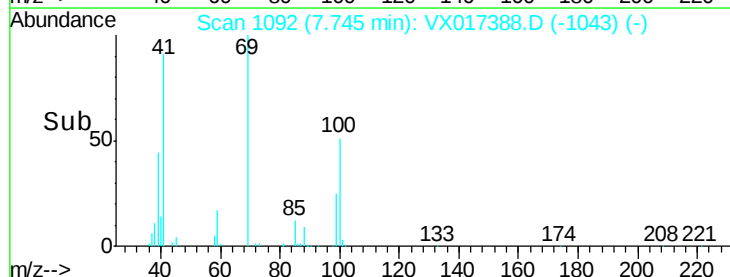
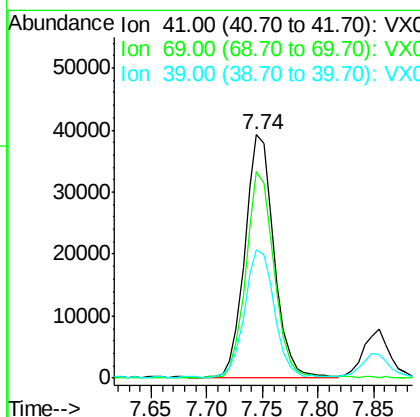
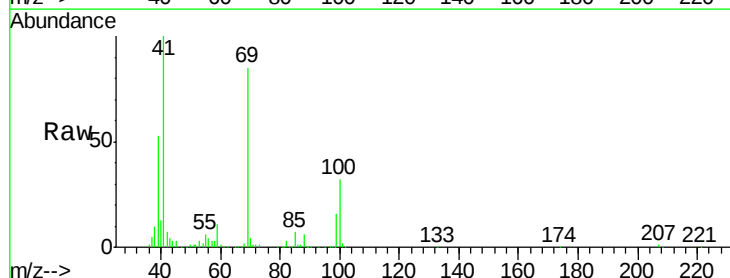
RT: 7.74 min Scan# 1092

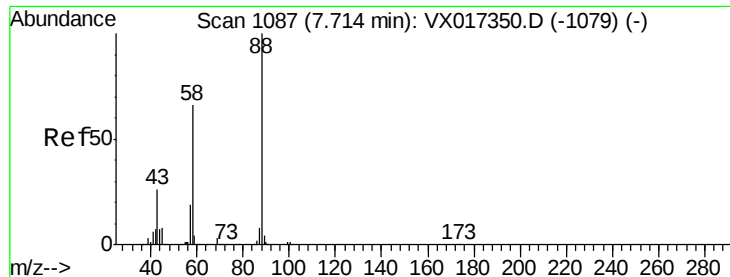
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	41	Resp:	71708
Ion	Ratio	Lower	Upper
41	100		
69	82.5	67.8	101.6
39	52.9	45.1	67.7





#49

1,4-Dioxane

Concen: 414.722 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

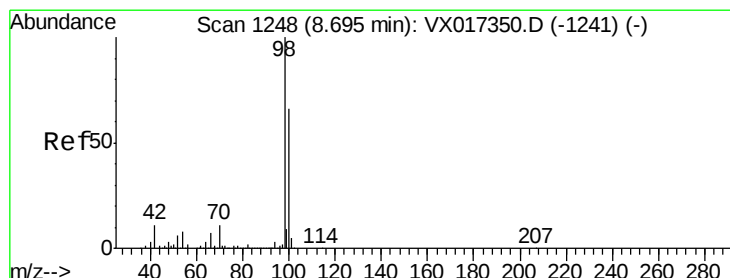
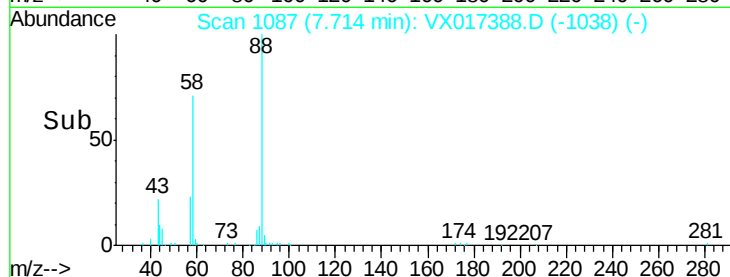
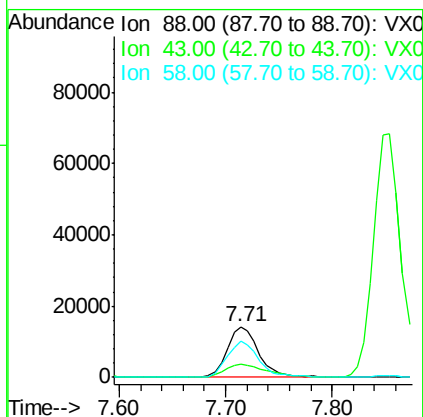
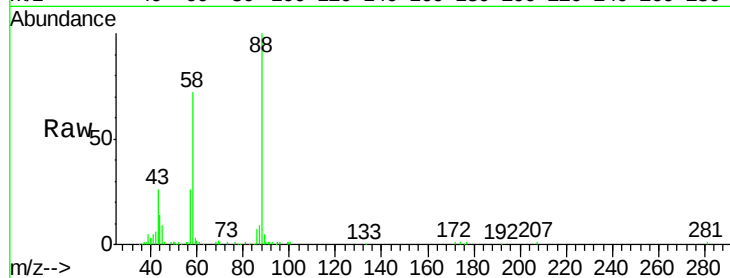
ClientSampleId :

VX0716WBSD01

Tot Ion:	88	Resp:	29030
Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.6	38.4
58	75.0	53.9	80.9

Manual Integrations
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#50

Toluene-d8

Concen: 52.429 ug/l

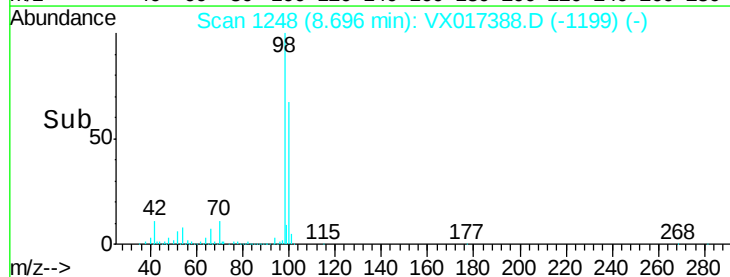
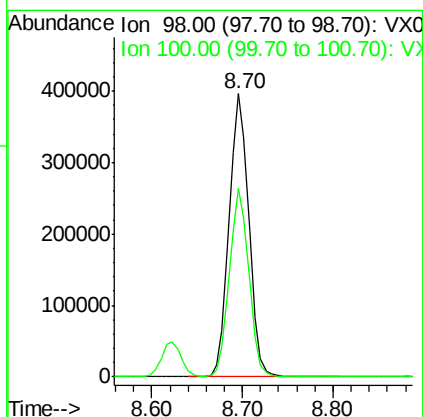
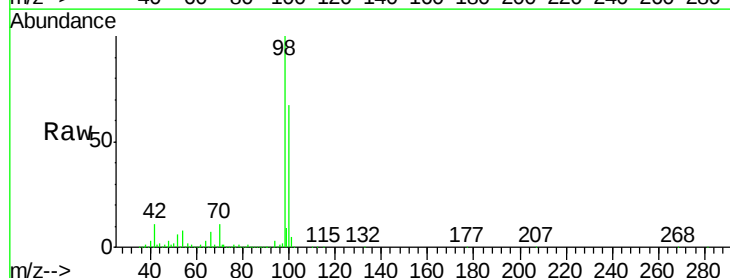
RT: 8.70 min Scan# 1248

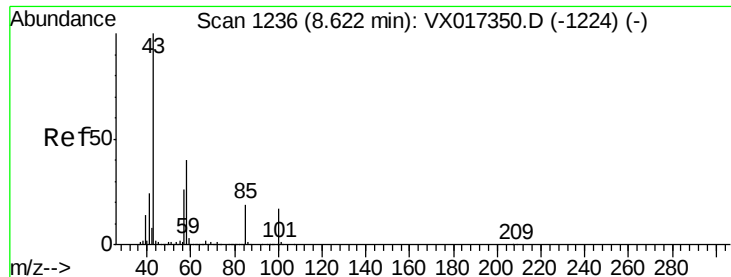
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	98	Resp:	597407
Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.4	80.2





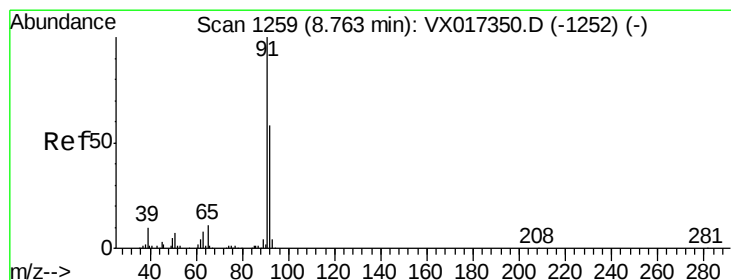
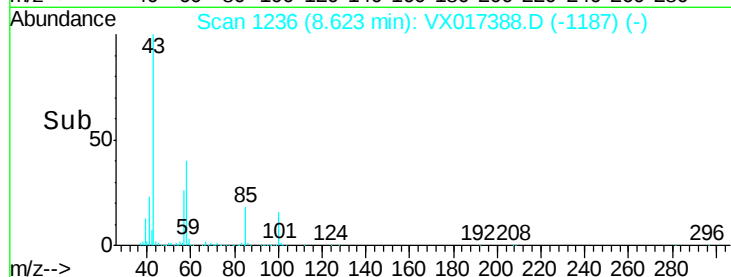
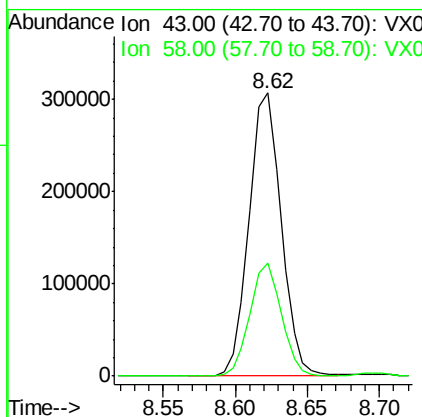
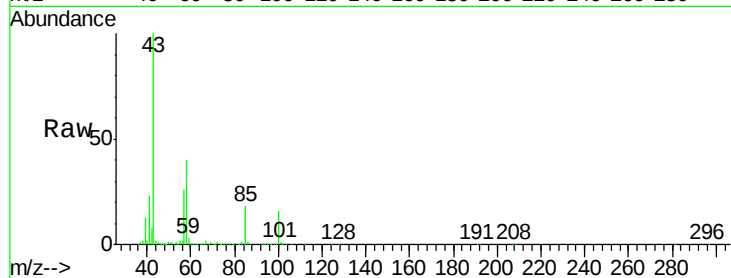
#51
4-Methyl-2-Pentanone
Concen: 109.189 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.2	48.2

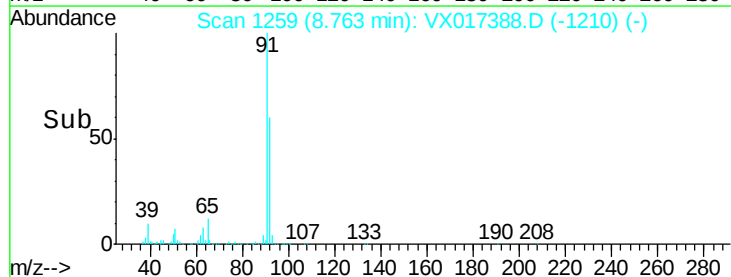
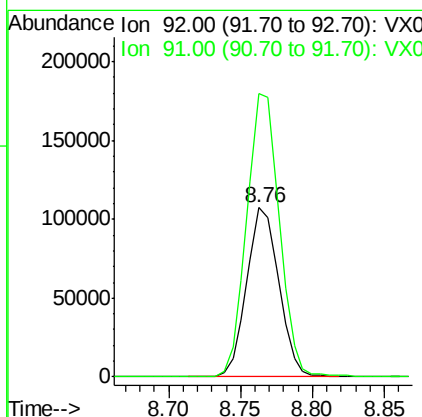
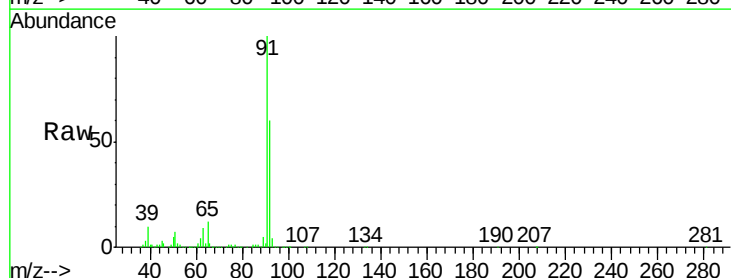
Manual Integrations
APPROVED

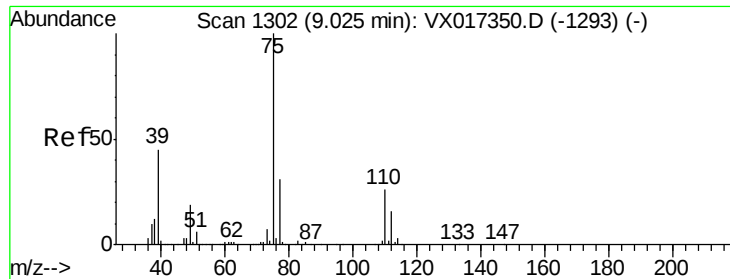
MMDadoda
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#52
Toluene
Concen: 20.850 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.7	205.1





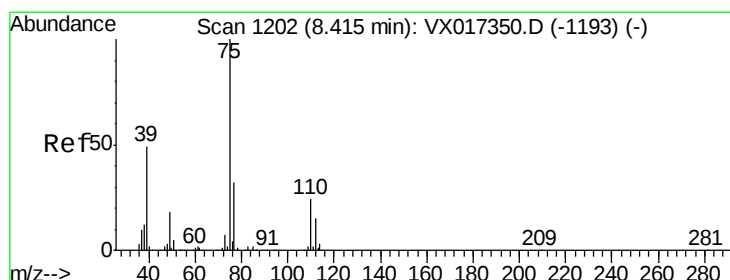
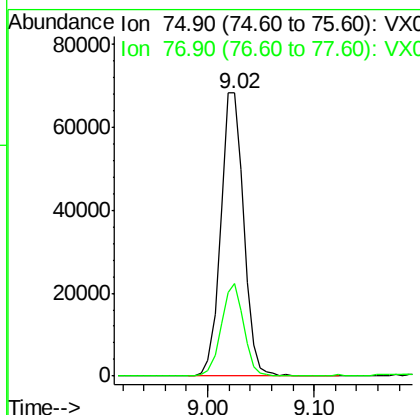
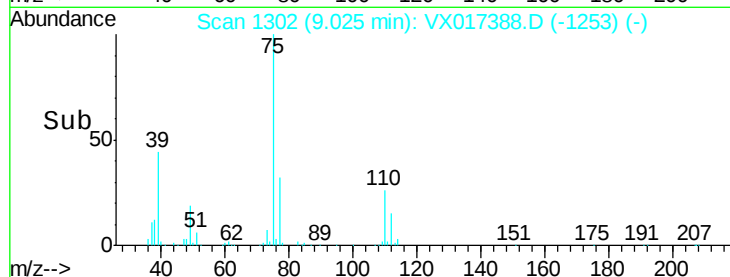
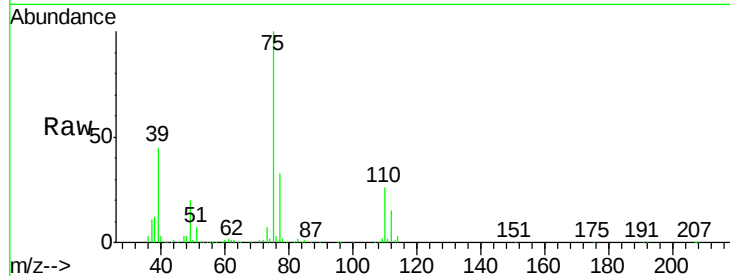
#53
t-1,3-Dichloropropene
Concen: 19.993 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion: 75 Resp: 103012
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6

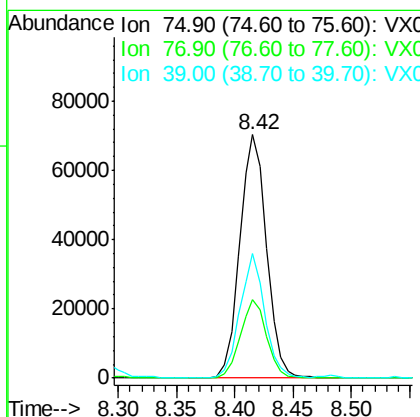
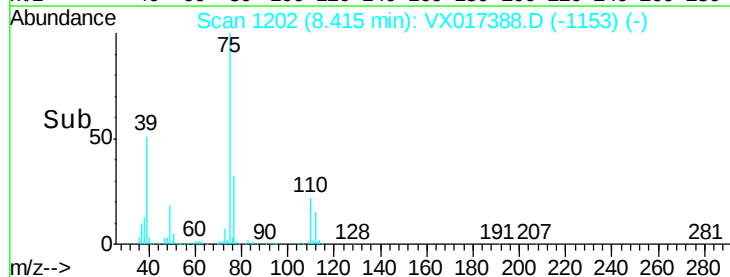
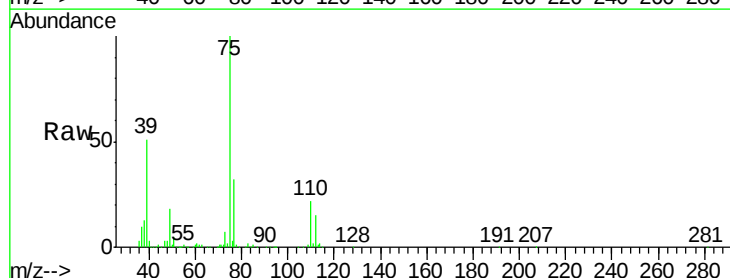
Manual Integrations
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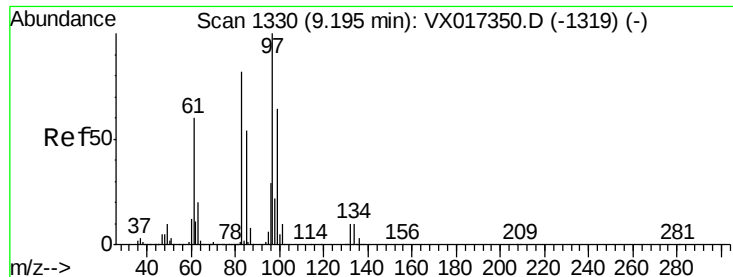
MMDadoda
7/17/2020 4:44:13 PM



#54
cis-1,3-Dichloropropene
Concen: 20.498 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion: 75 Resp: 112646
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 50.9 38.9 58.3





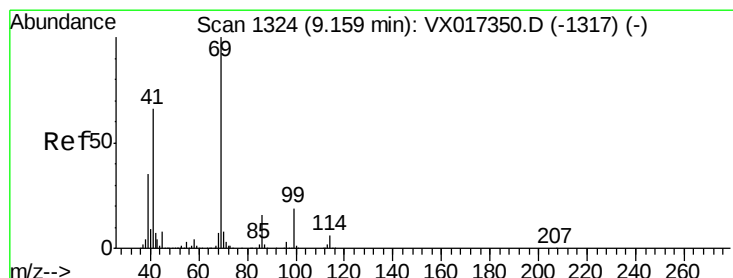
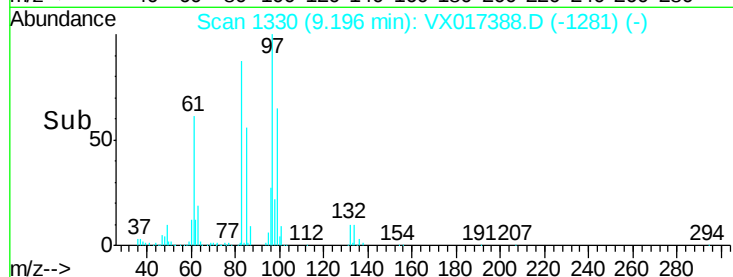
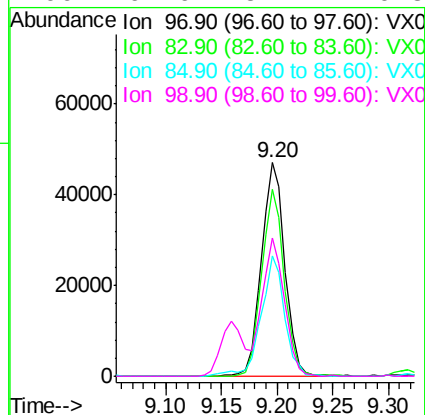
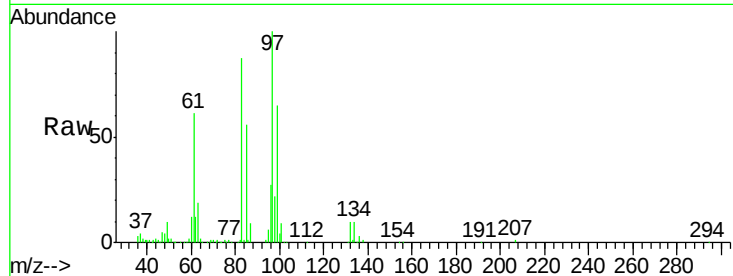
#55
 1,1,2-Trichloroethane
 Concen: 20.899 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	97	Resp:	69326
Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.8	98.6
85	56.1	42.8	64.2
99	64.6	51.2	76.8

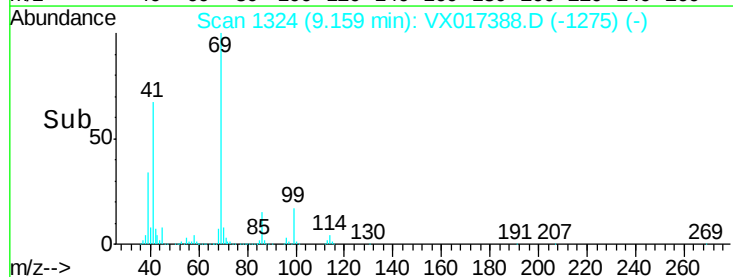
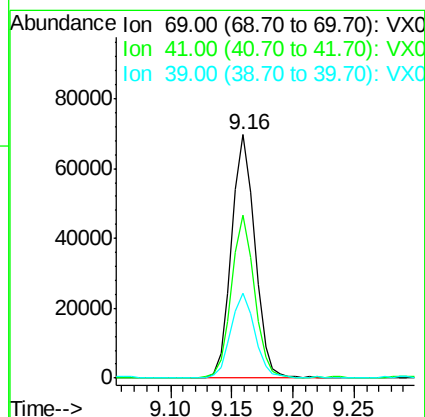
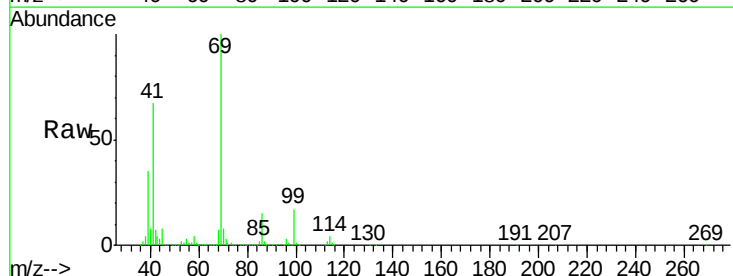
Manual Integrations
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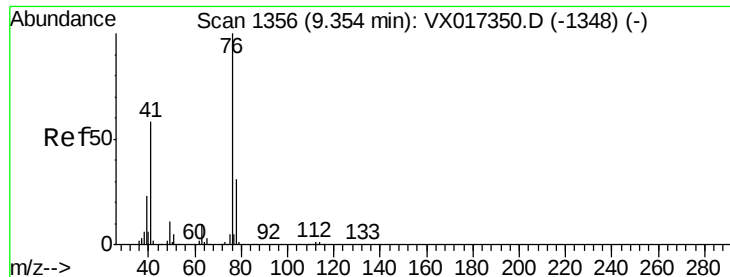
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.498 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	69	Resp:	91826
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.6	78.8
39	35.8	28.8	43.2





#57

1,3-Dichloropropane

Concen: 20.856 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 76 Resp: 115078

Ion Ratio Lower Upper

76 100

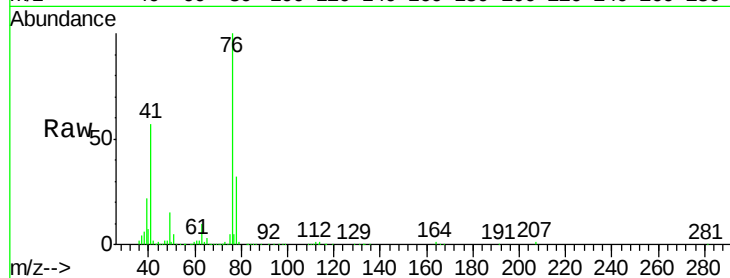
78 32.5 25.8 38.6

Manual Integrations

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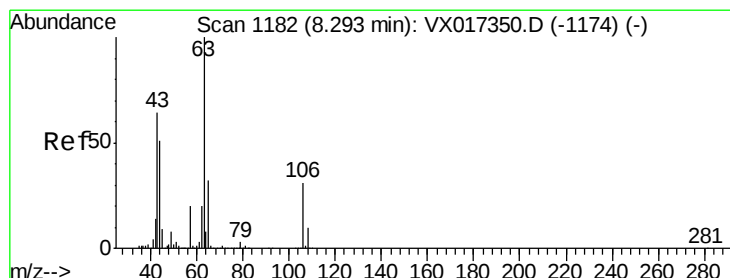
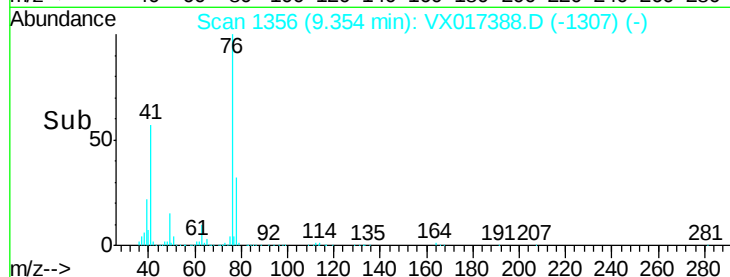
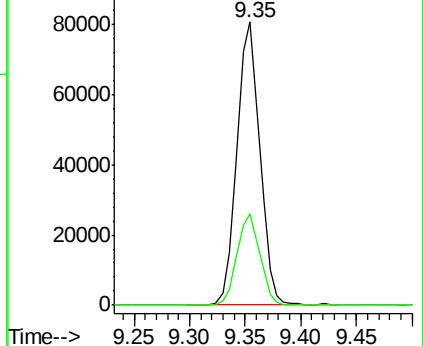
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.735 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017388.D

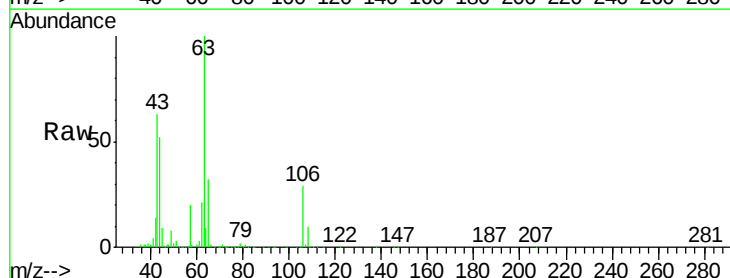
Acq: 16 Jul 2020 14:11

Tgt Ion: 63 Resp: 257622

Ion Ratio Lower Upper

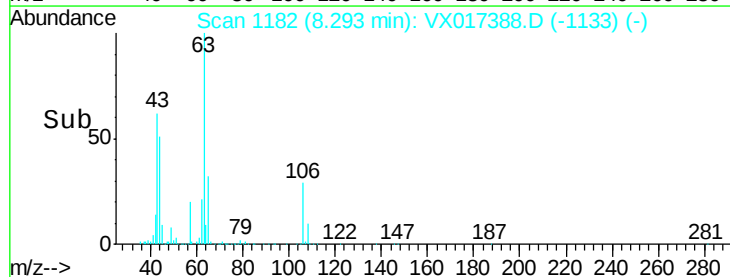
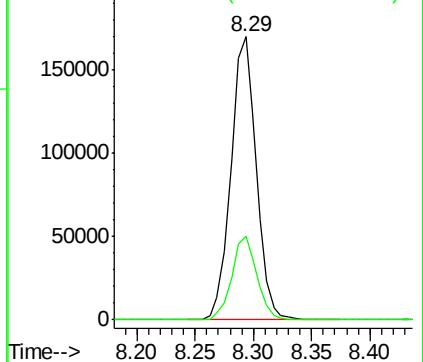
63 100

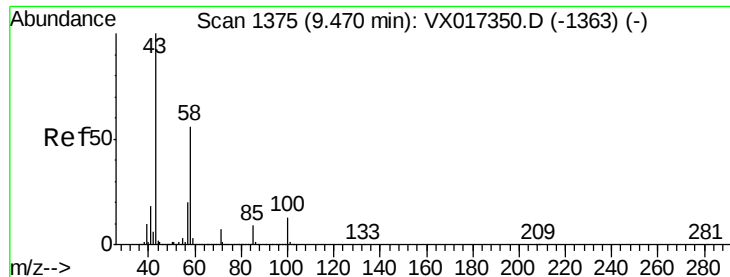
106 29.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





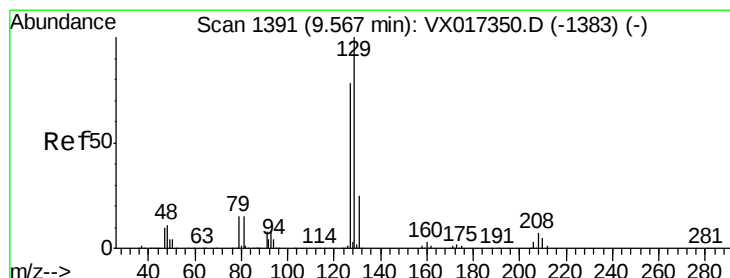
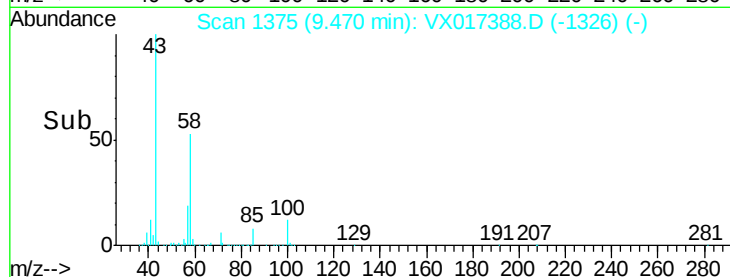
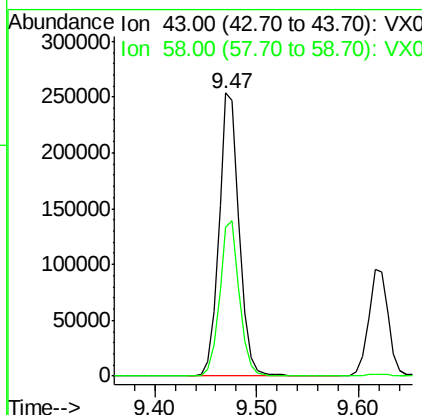
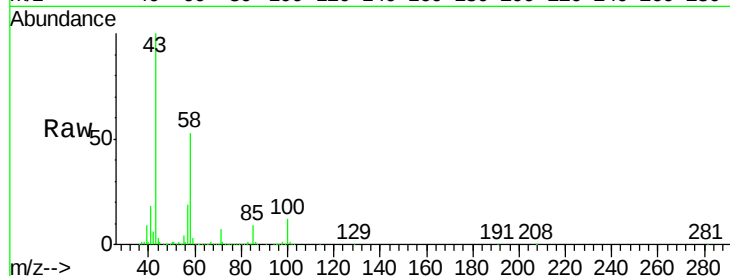
#59
2-Hexanone
Concen: 106.712 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	28.1	84.3

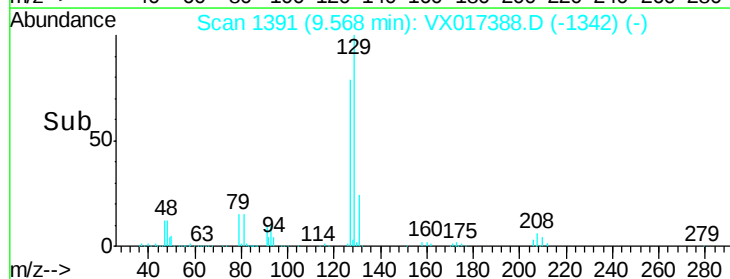
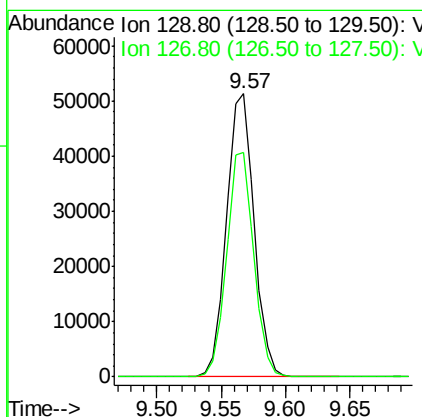
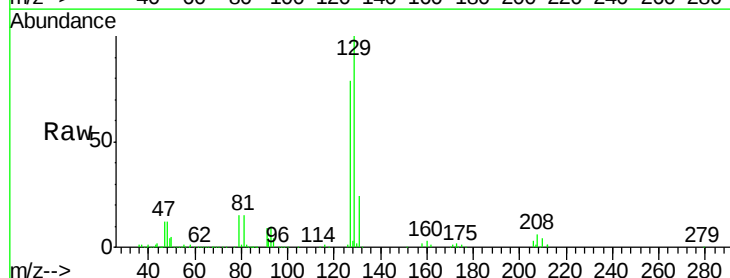
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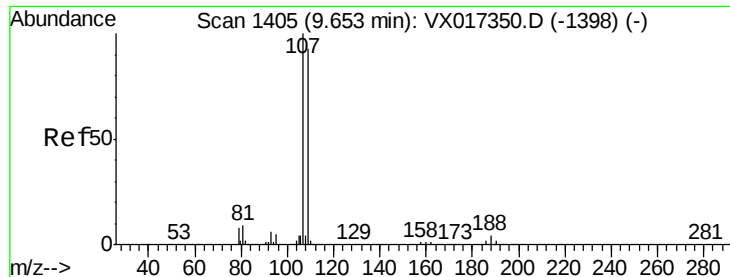
MMDadoda
7/17/2020 4:44:13 PM



#60
Dibromochloromethane
Concen: 19.060 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.9	116.6





#61

1,2-Dibromoethane

Concen: 20.345 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 107 Resp: 73418

Ion Ratio Lower Upper

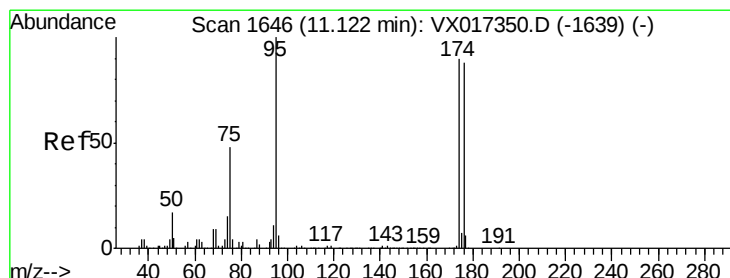
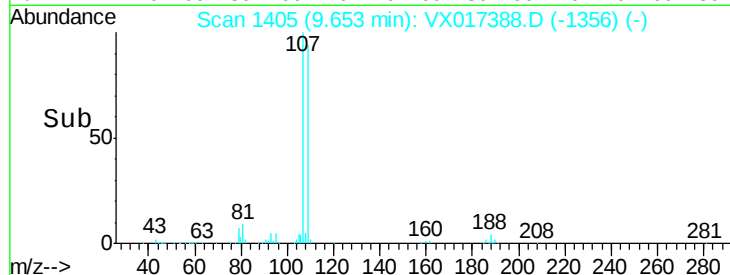
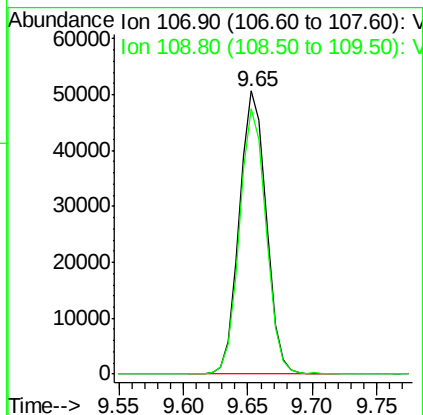
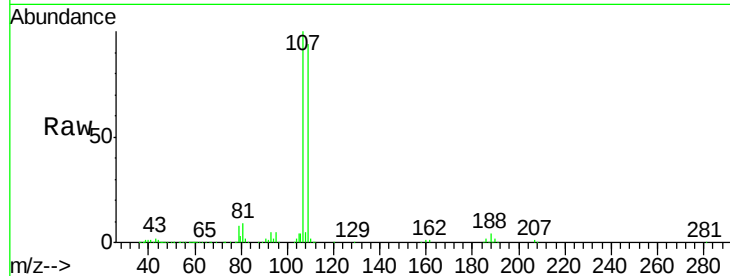
107 100

109 92.4 75.0 112.4

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7/17/2020 4:44:13 PM



#62

4-Bromofluorobenzene

Concen: 49.280 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

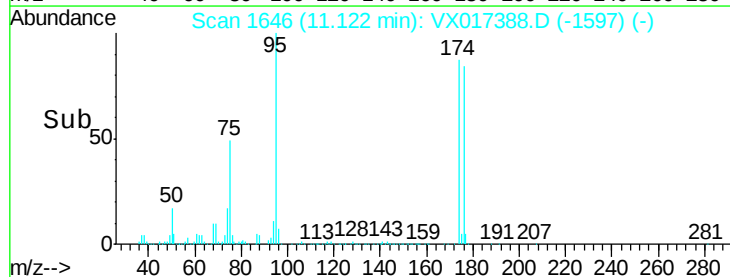
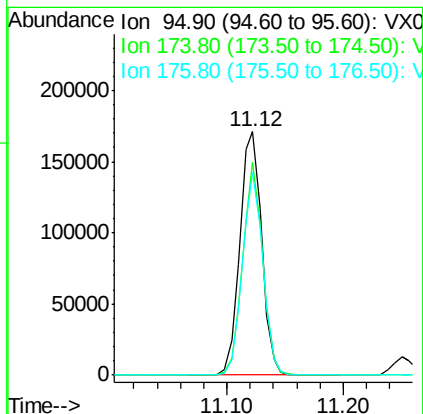
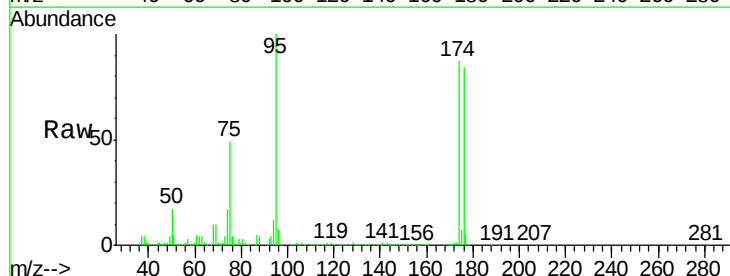
Tgt Ion: 95 Resp: 223048

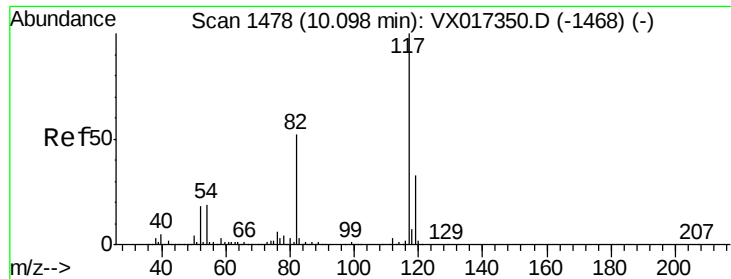
Ion Ratio Lower Upper

95 100

174 80.3 0.0 175.8

176 78.4 0.0 164.6





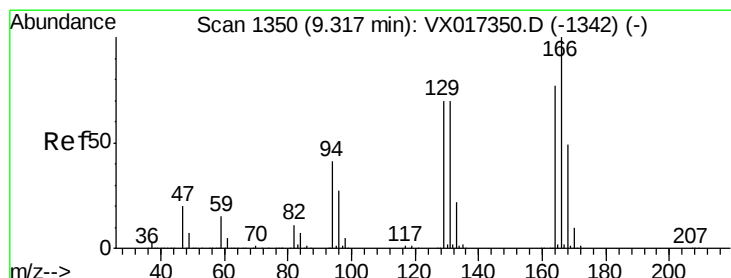
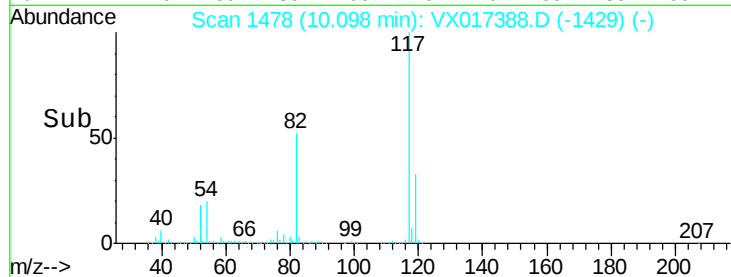
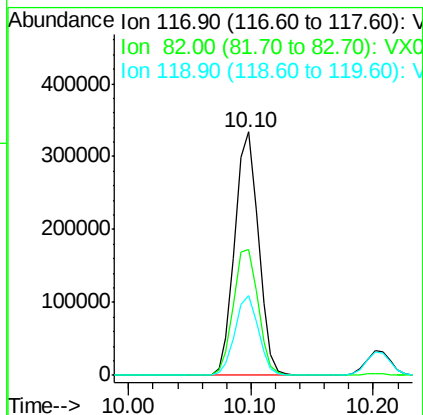
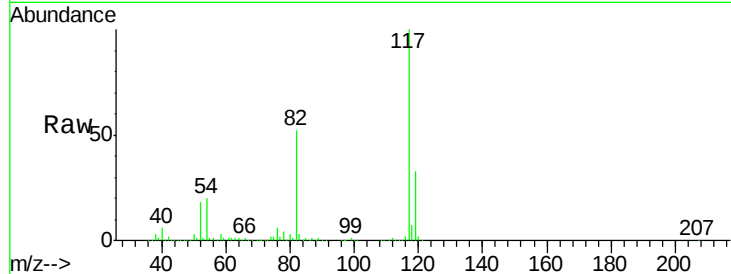
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.0	63.0
119	32.9	26.3	39.5

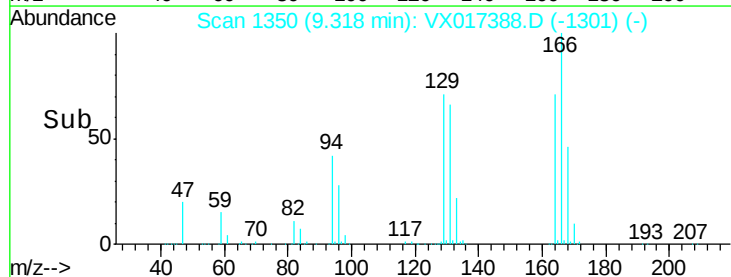
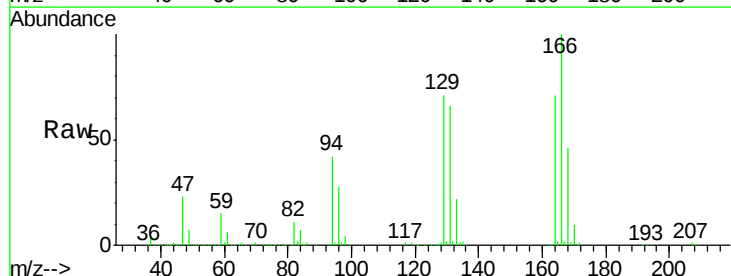
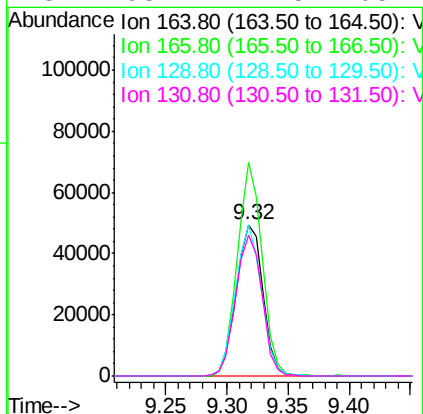
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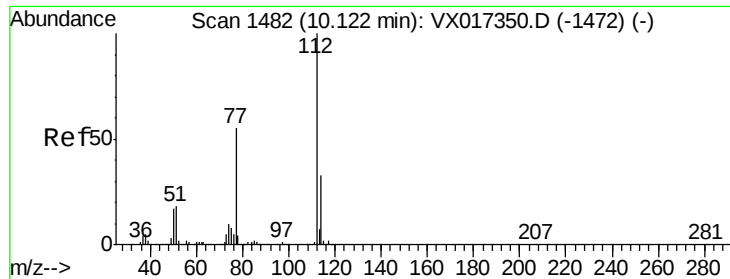
MMDadoda
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#64
Tetrachloroethene
Concen: 19.225 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	140.9	103.9	155.9
129	99.8	72.9	109.3
131	93.2	72.5	108.7





#65

Chlorobenzene

Concen: 19.801 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion:112 Resp: 179938

Ion Ratio Lower Upper

112 100

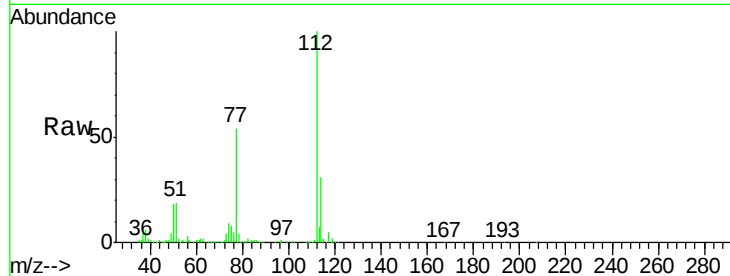
114 31.2 26.0 39.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

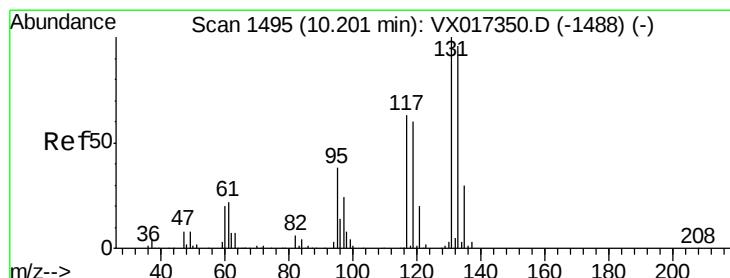
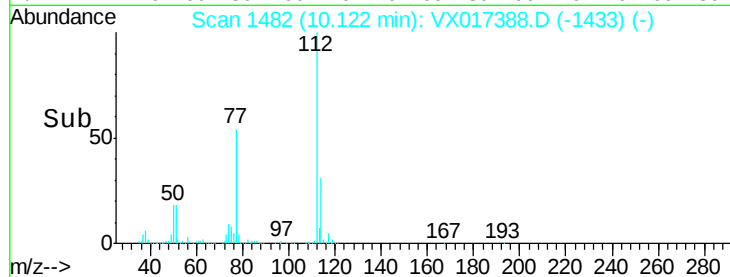
100000

50000

0

10.10 10.12 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.813 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

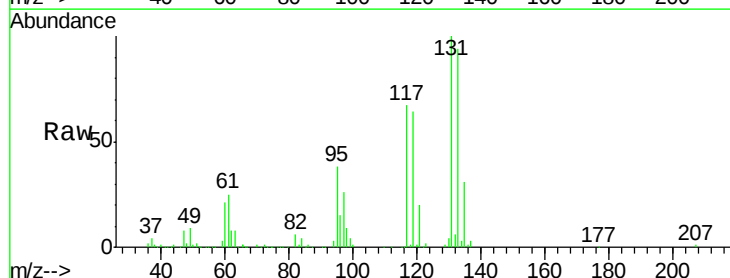
Tgt Ion:131 Resp: 71684

Ion Ratio Lower Upper

131 100

133 93.3 48.4 145.2

119 62.9 31.2 93.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

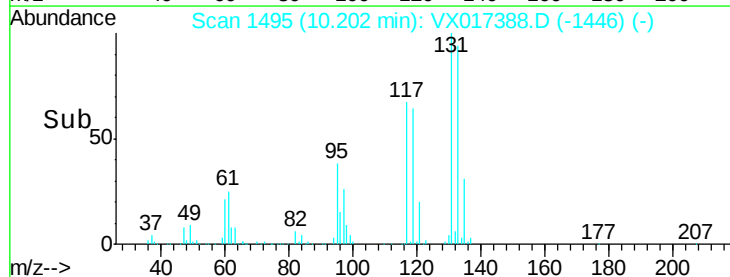
20000

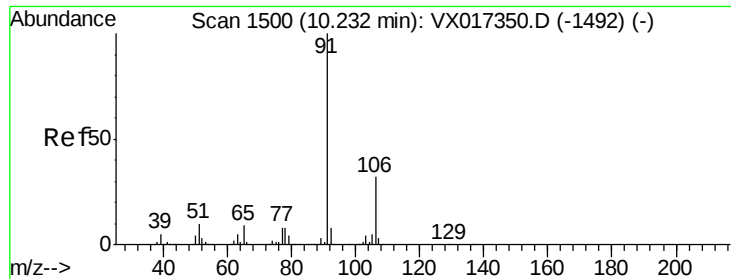
0

10.20

10.30

Time-->





#67

Ethyl Benzene

Concen: 19.742 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 91 Resp: 298656

Ion Ratio Lower Upper

91 100

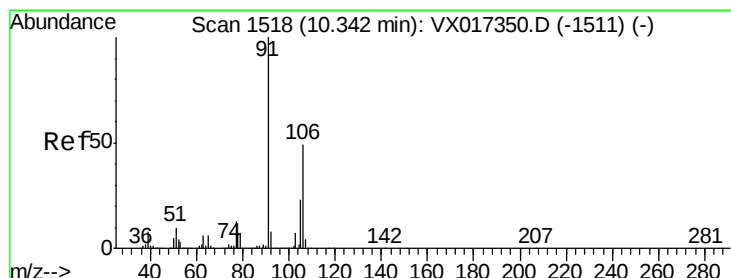
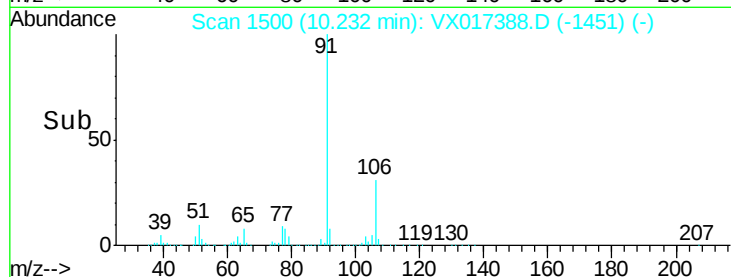
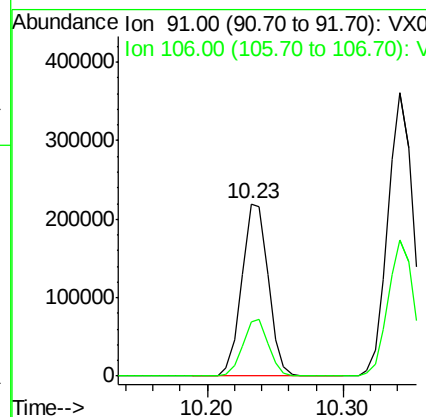
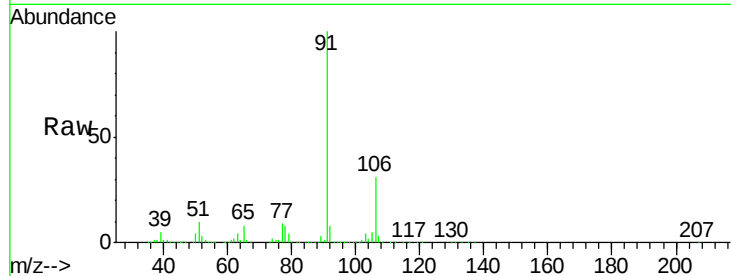
106 31.3 25.7 38.5

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#68

m/p-Xylenes

Concen: 39.898 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017388.D

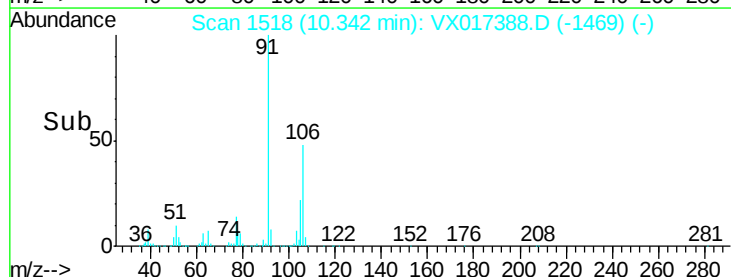
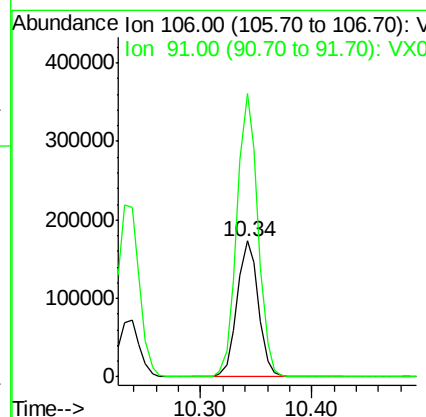
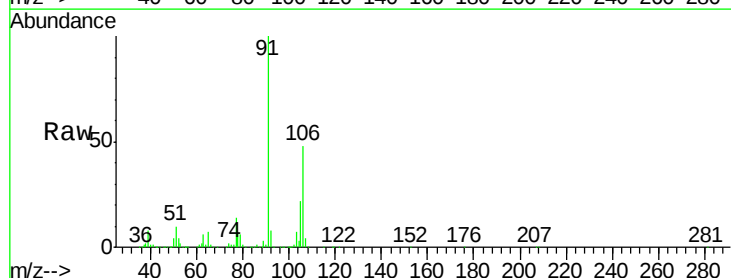
Acq: 16 Jul 2020 14:11

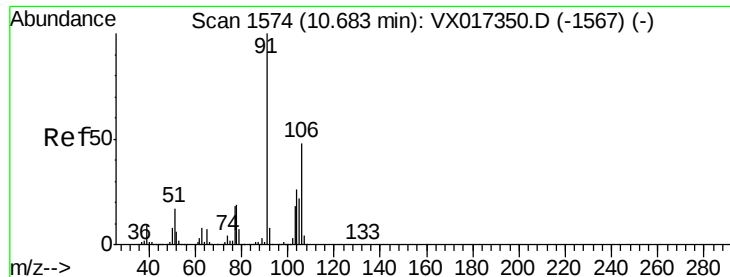
Tgt Ion: 106 Resp: 229652

Ion Ratio Lower Upper

106 100

91 205.1 162.5 243.7





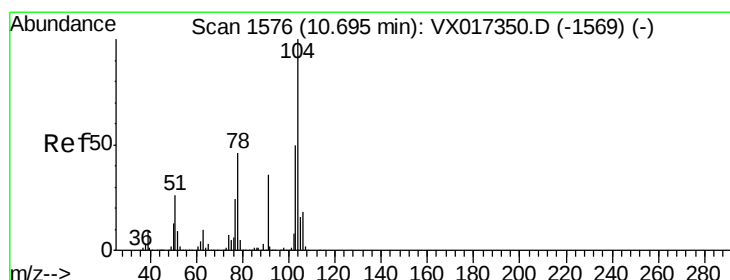
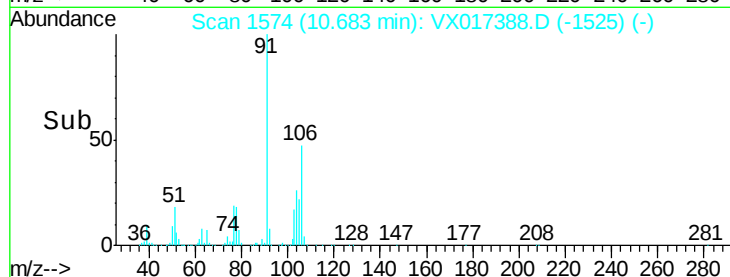
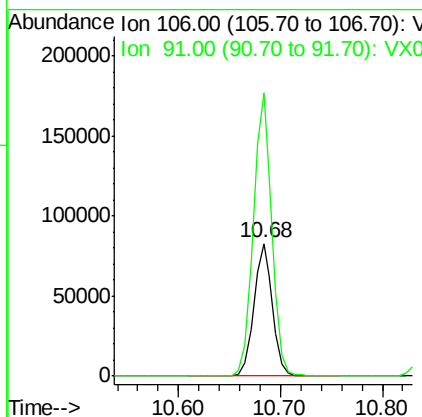
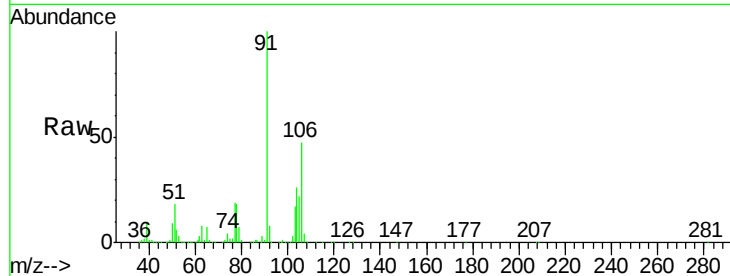
#69
o-Xylene
Concen: 19.158 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	212.5	106.1	318.1

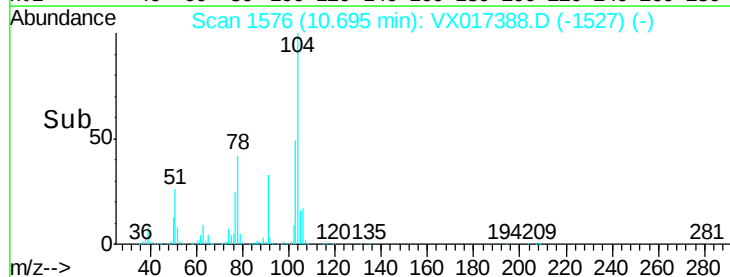
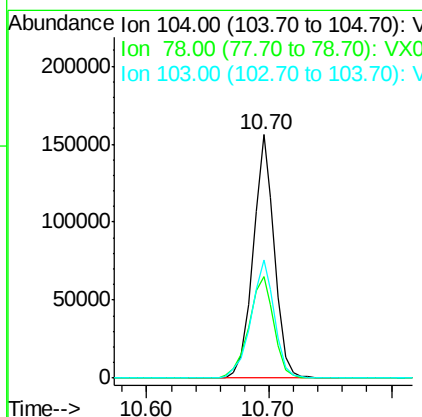
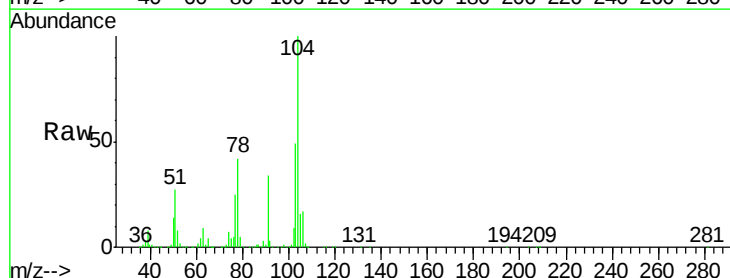
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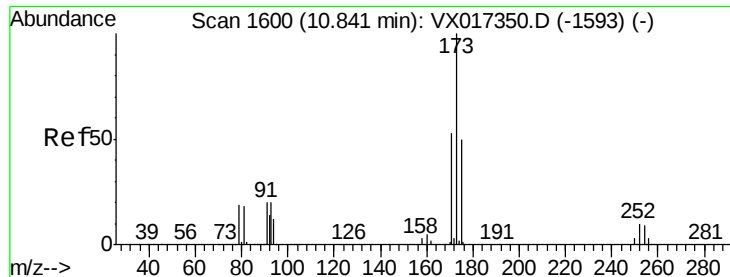
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#70
Styrene
Concen: 20.066 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.8	40.8	61.2
103	103	53.7	43.3	64.9





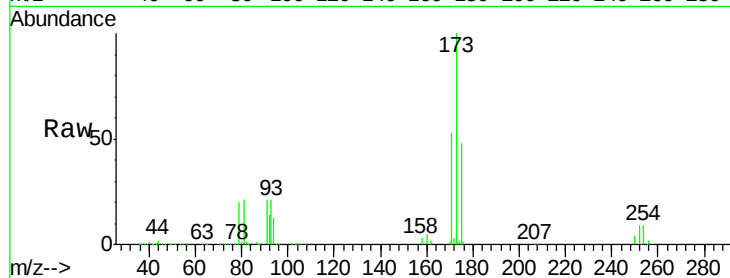
#71
Bromoform
Concen: 18.839 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

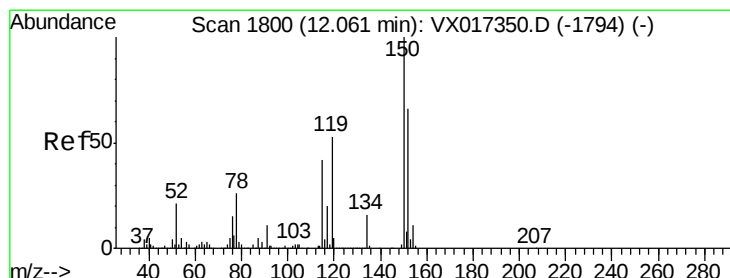
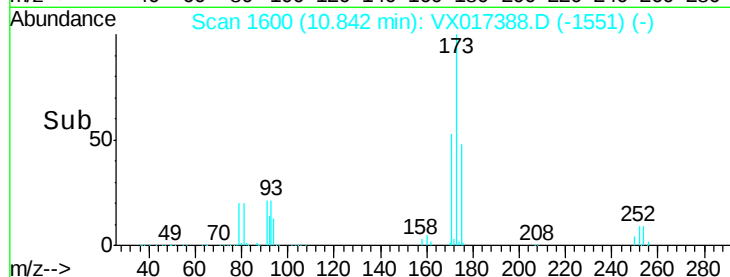
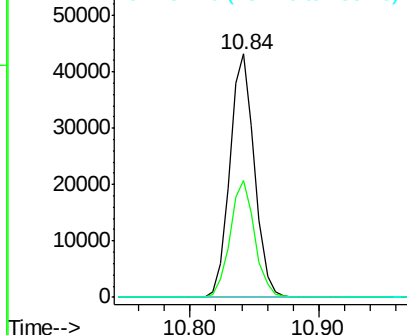
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.7	74.1
254	0.0	0.1	0.1#

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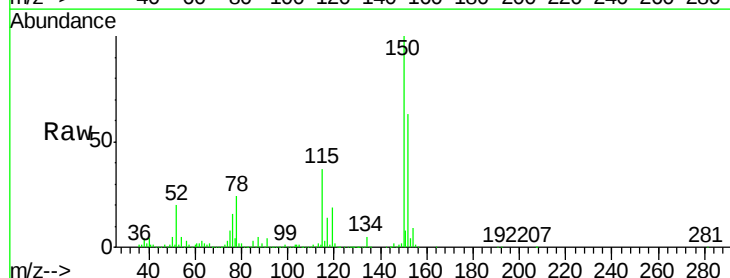


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

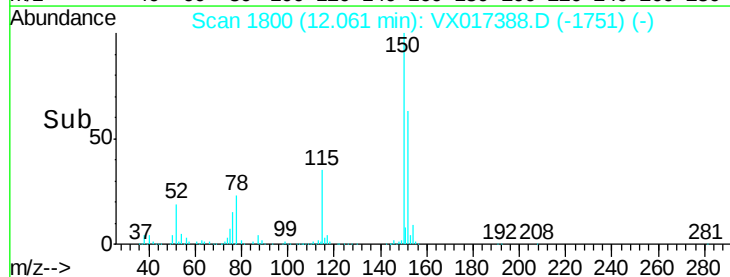
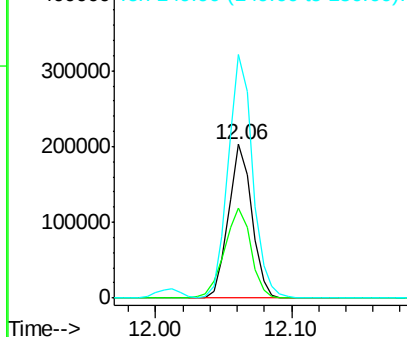


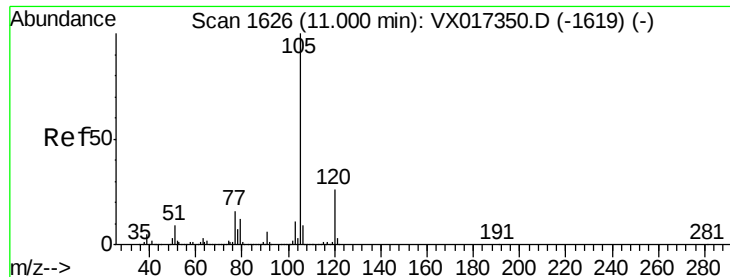
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.8	39.9	119.7
150	165.5	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: 19.093 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 105 Resp: 290017

Ion Ratio Lower Upper

105 100

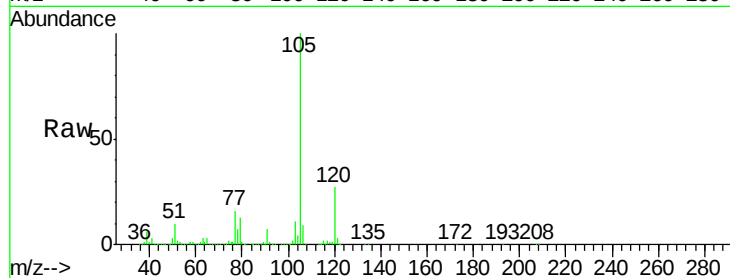
120 26.8 13.3 39.8

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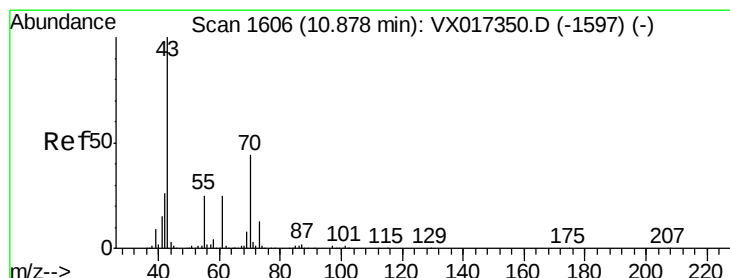
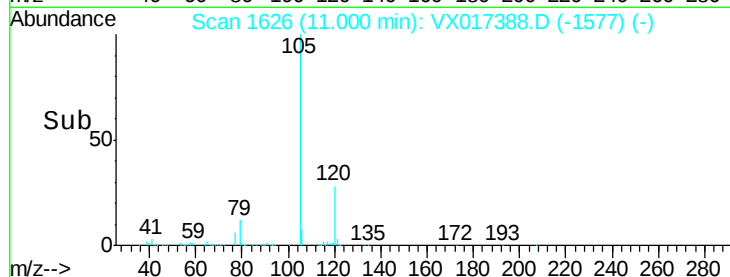
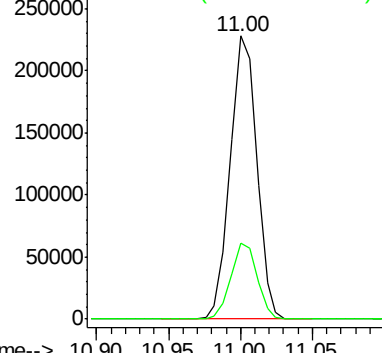
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.094 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion: 43 Resp: 122138

Ion Ratio Lower Upper

43 100

70 42.8 35.7 53.5

55 26.1 20.3 30.5

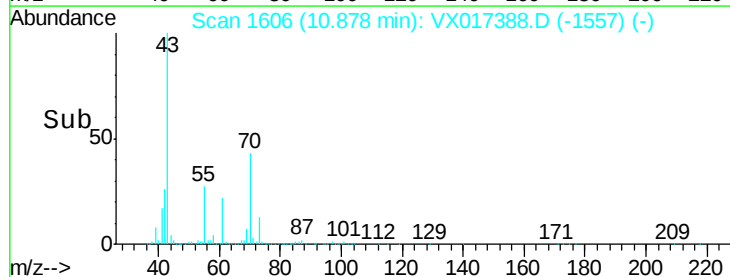
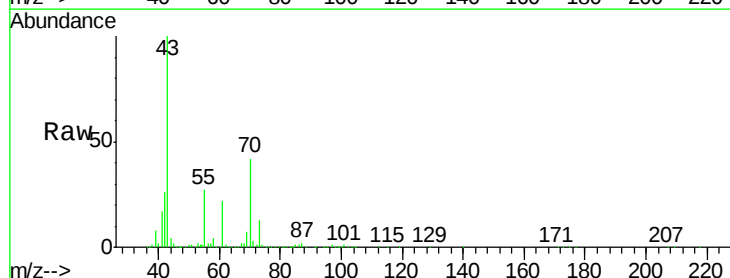
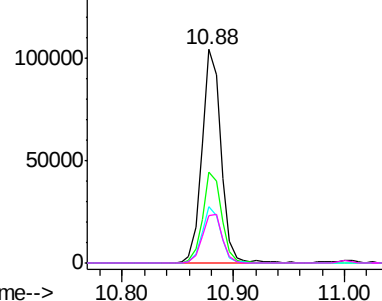
61 24.2 20.0 30.0

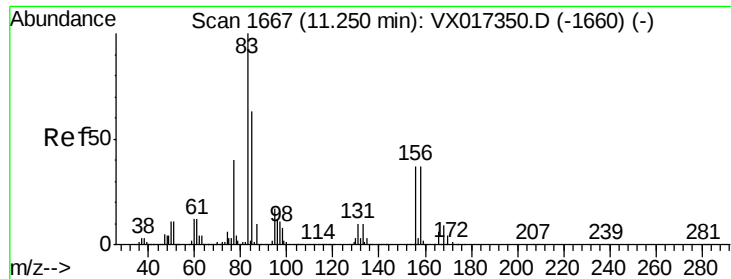
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.347 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

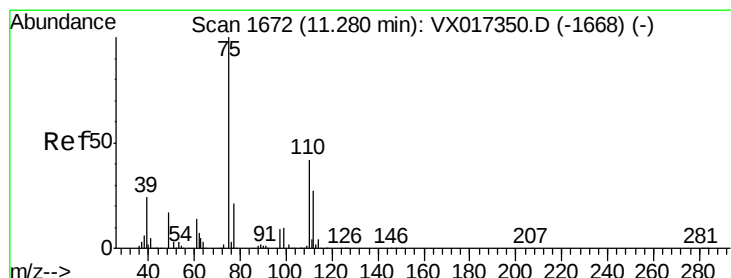
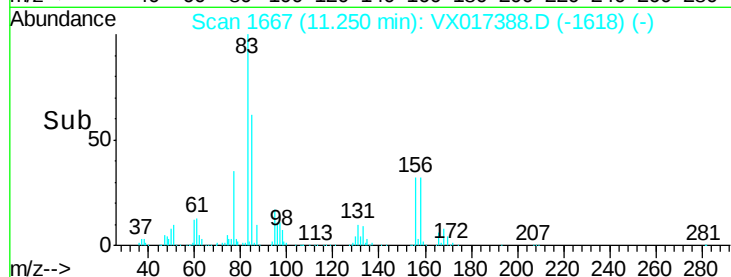
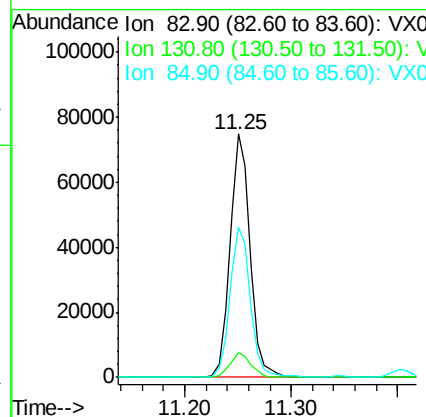
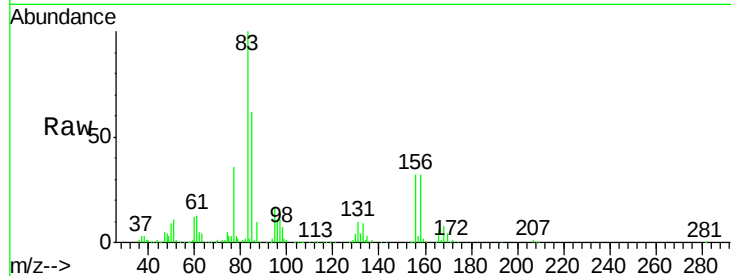
ClientSampleId :

VX0716WBSD01

Tot Ion:	83	Resp:	98449
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.7
85	62.8	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.758 ug/l m

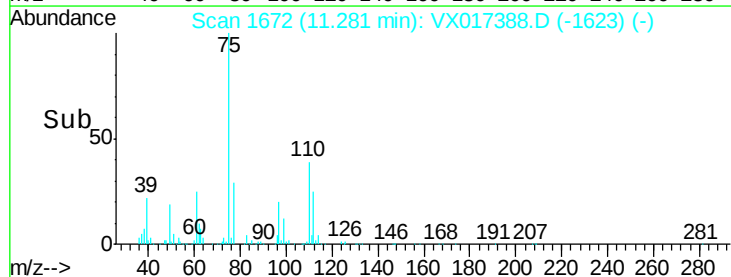
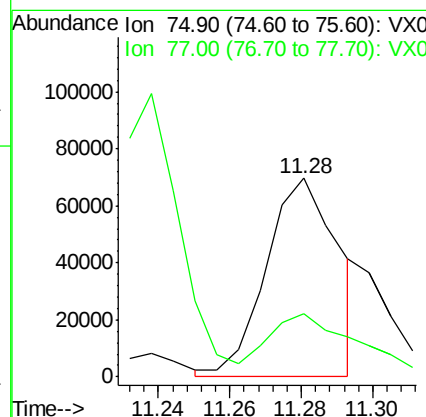
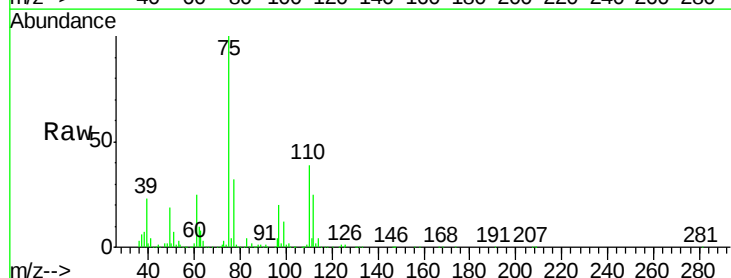
RT: 11.28 min Scan# 1672

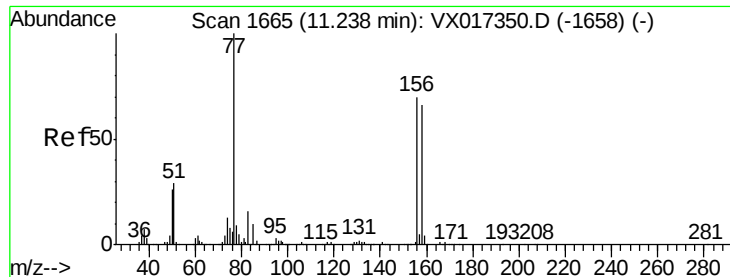
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	75	Resp:	97421
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.3	60.9





#77

Bromobenzene

Concen: 18.900 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

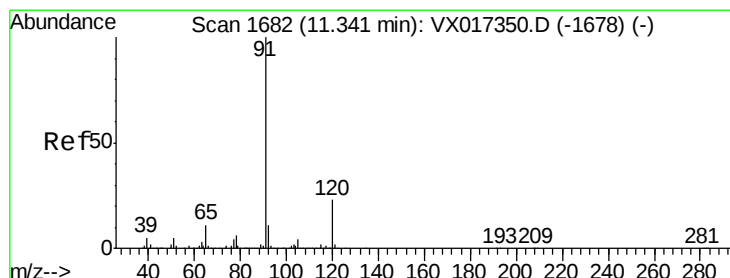
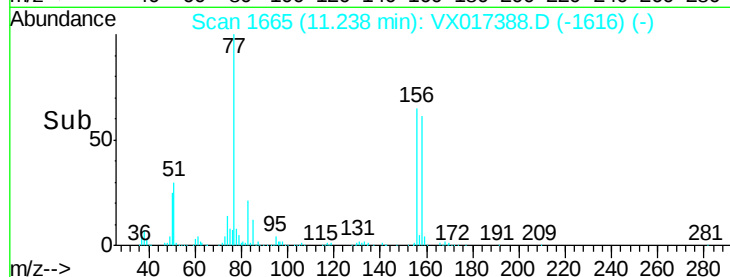
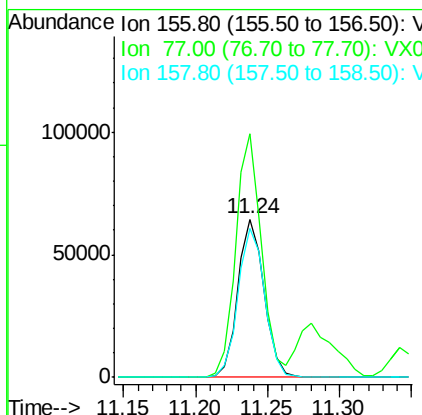
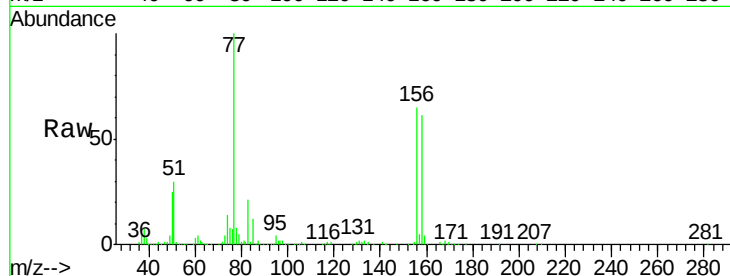
ClientSampleId :

VX0716WBSD01

Tot Ion:	156	Resp:	81767
Ion Ratio	Lower	Upper	
156	100		
77	151.9	72.1	216.3
158	95.7	47.4	142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.025 ug/l

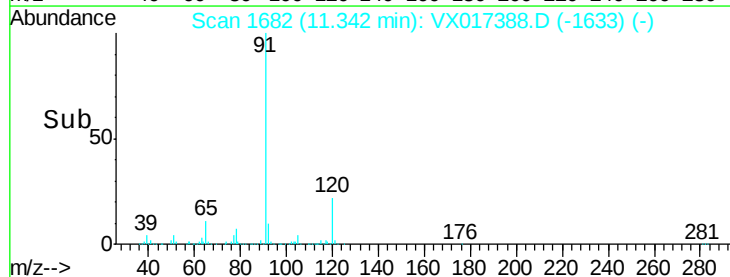
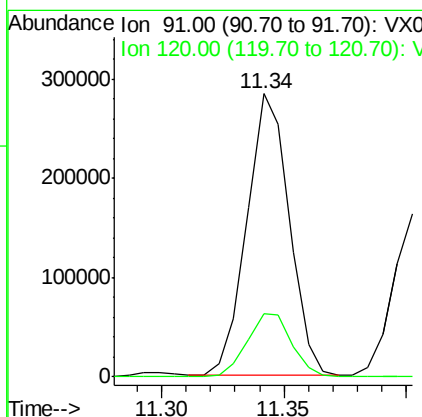
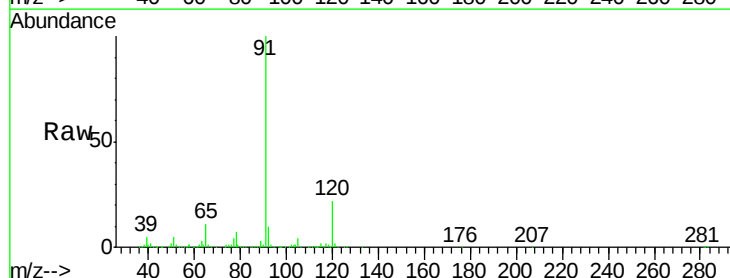
RT: 11.34 min Scan# 1682

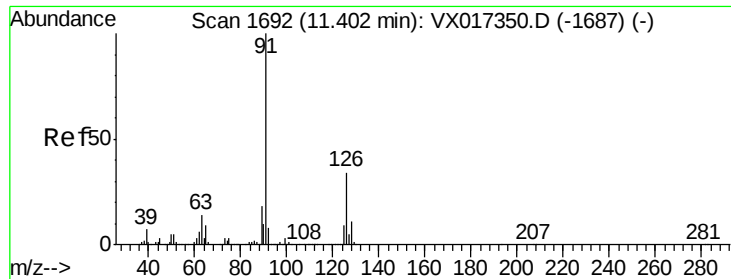
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	91	Resp:	341601
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 19.734 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0716WBSD01

Tot Ion: 91 Resp: 207451

Ion Ratio Lower Upper

91 100

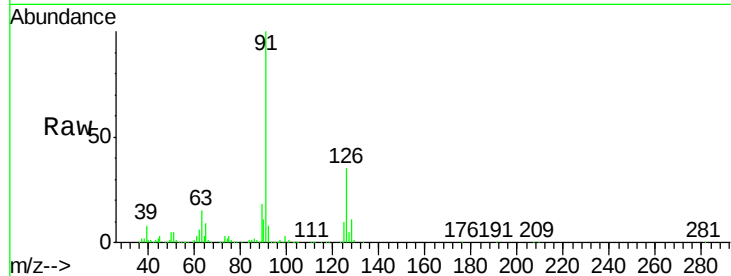
126 35.6 17.4 52.3

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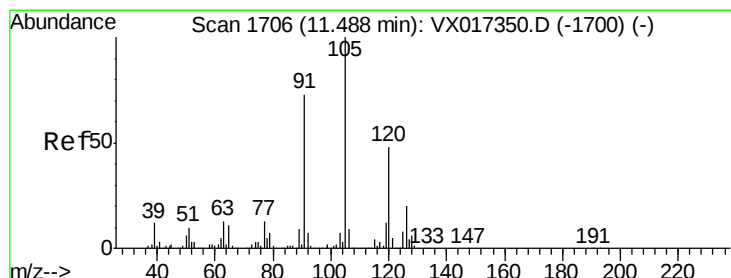
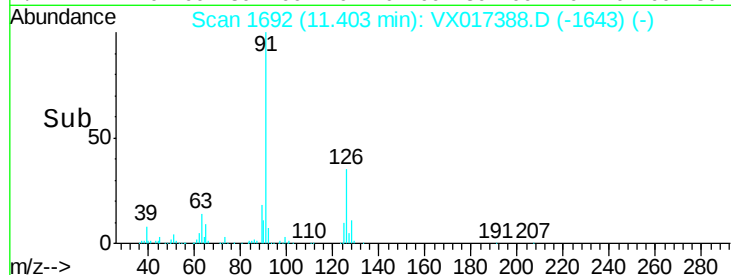
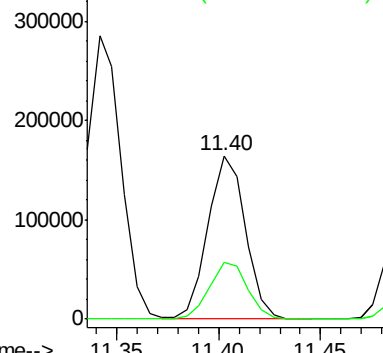
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.517 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017388.D

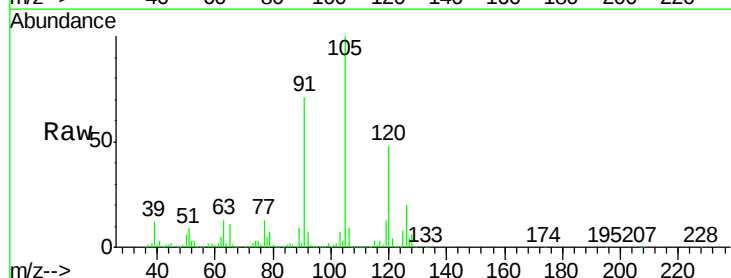
Acq: 16 Jul 2020 14:11

Tgt Ion: 105 Resp: 251641

Ion Ratio Lower Upper

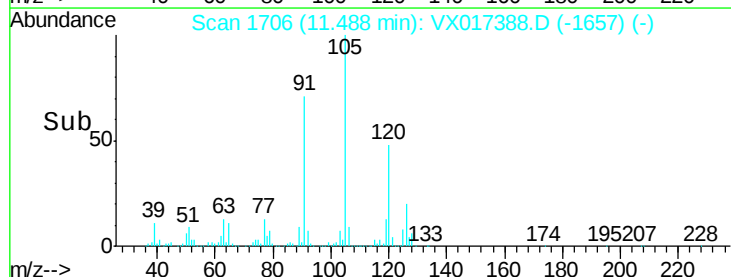
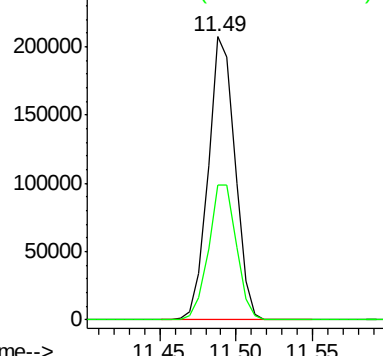
105 100

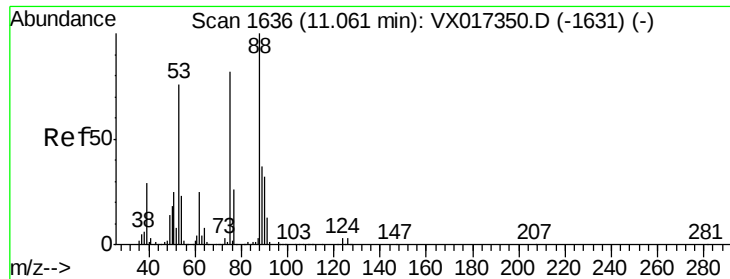
120 49.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.515 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

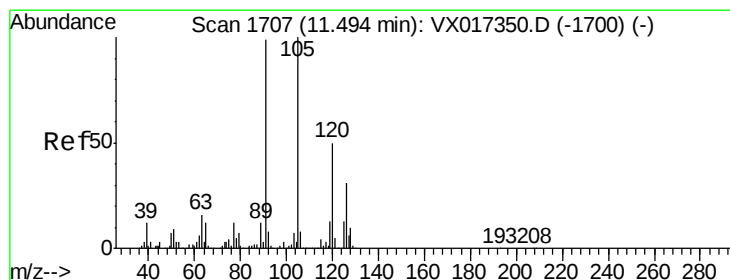
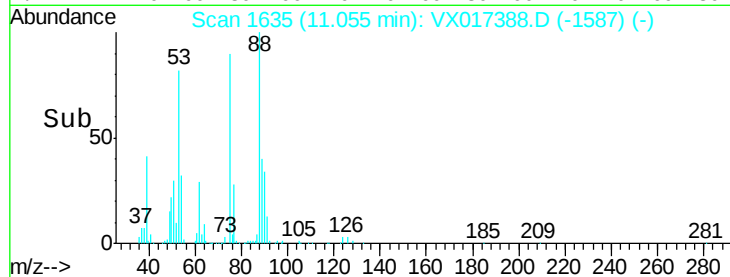
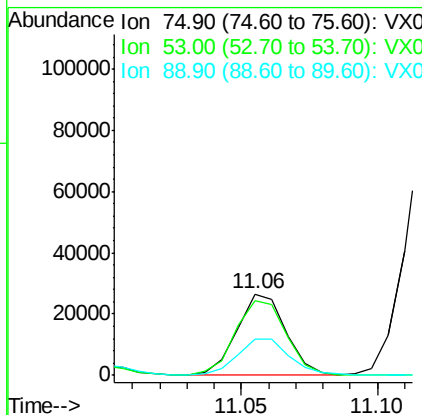
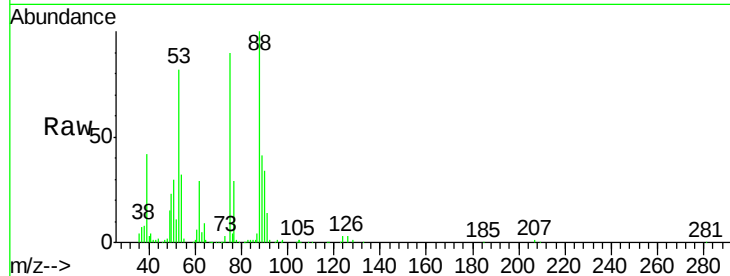
ClientSampleId :

VX0716WBSD01

Tot Ion:	75	Resp:	32679
Ion	Ratio	Lower	Upper
75	100		
53	97.2	76.5	114.7
89	49.6	38.1	57.1

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#82

4-Chlorotoluene

Concen: 19.719 ug/l

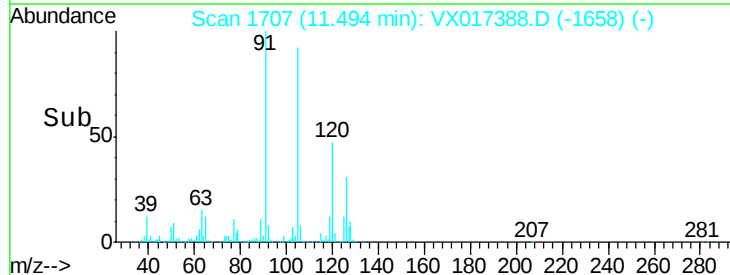
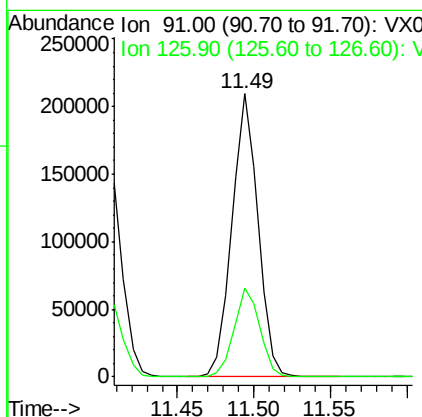
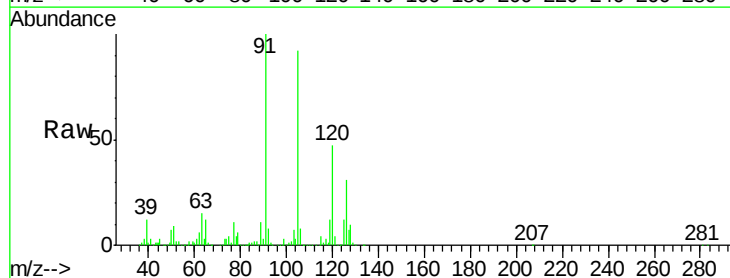
RT: 11.49 min Scan# 1707

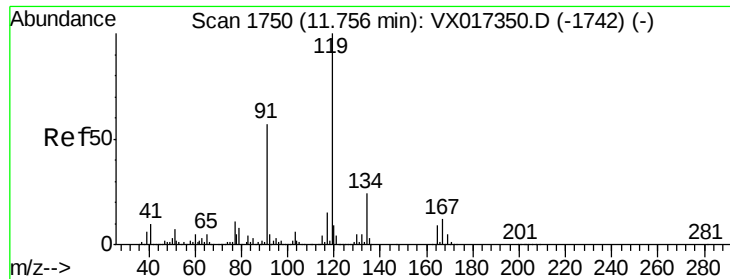
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	91	Resp:	245671
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.2





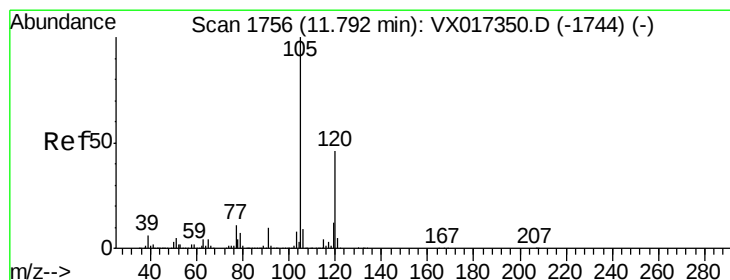
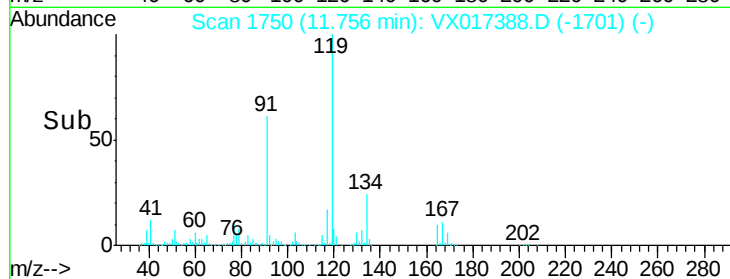
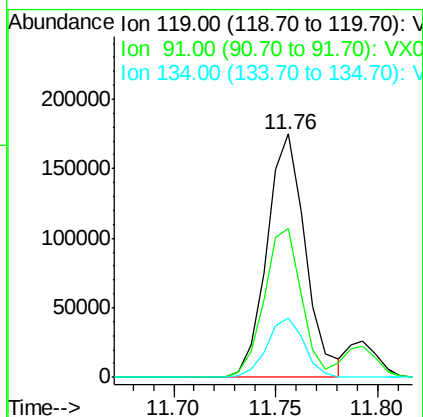
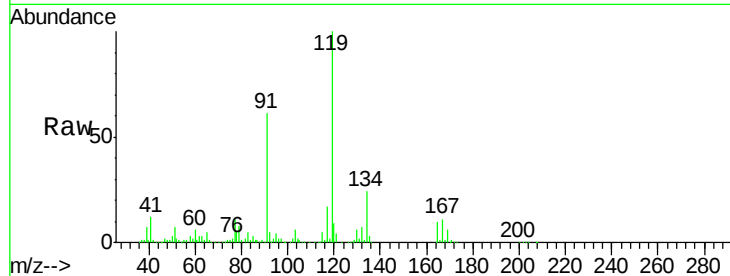
#83
tert-Butylbenzene
Concen: 18.467 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	230168		
91	59.0		28.5	85.6
134	23.9		11.9	35.9

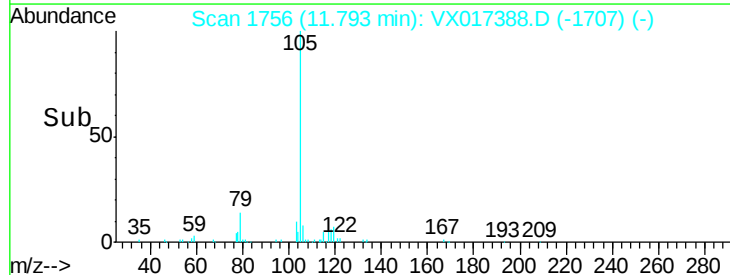
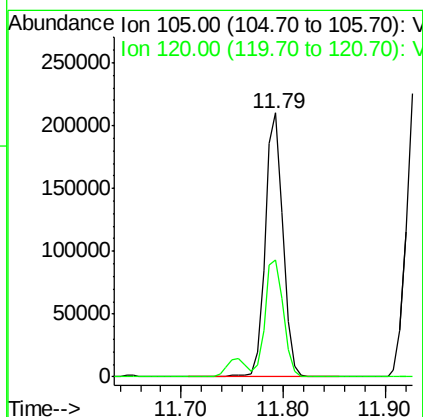
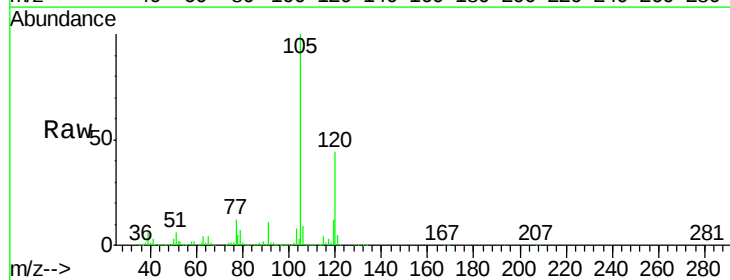
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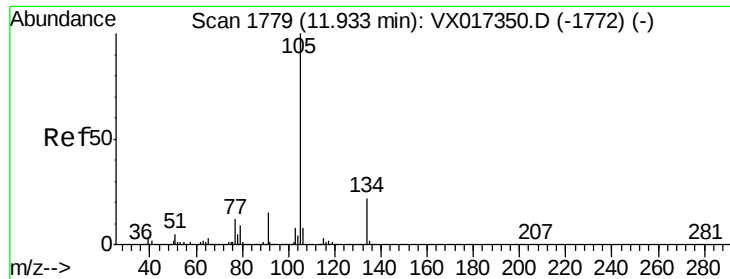
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#84
1,2,4-Trimethylbenzene
Concen: 19.554 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254711		
120	45.6		22.8	68.4





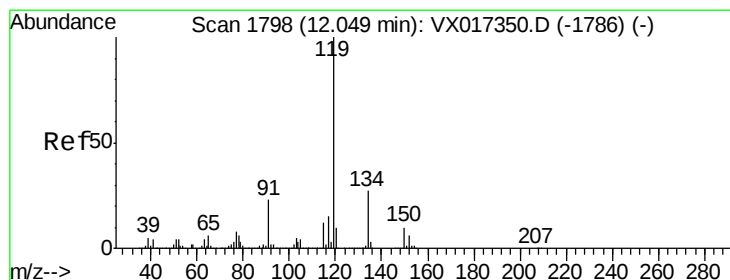
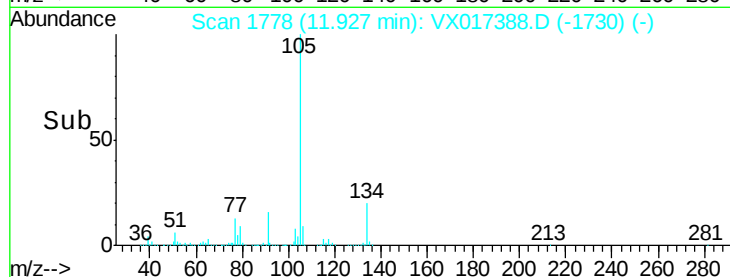
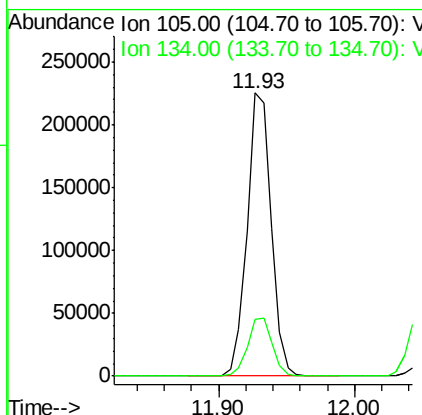
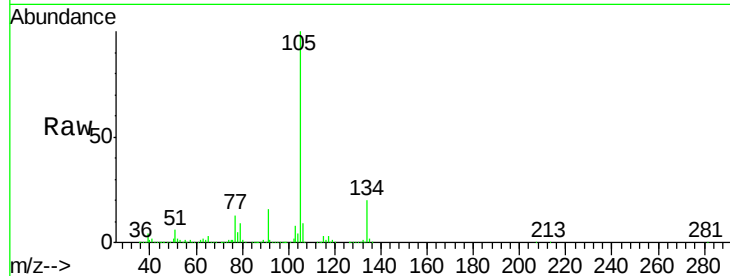
#85
 sec-Butylbenzene
 Concen: 19.119 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.5	31.5

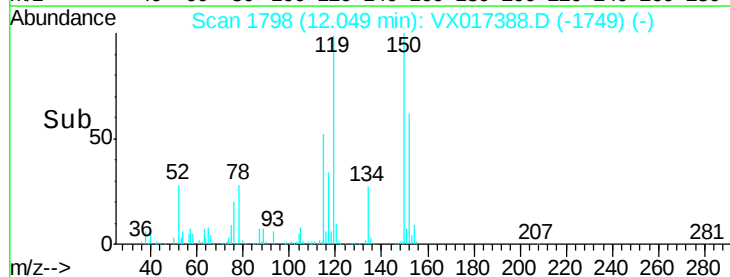
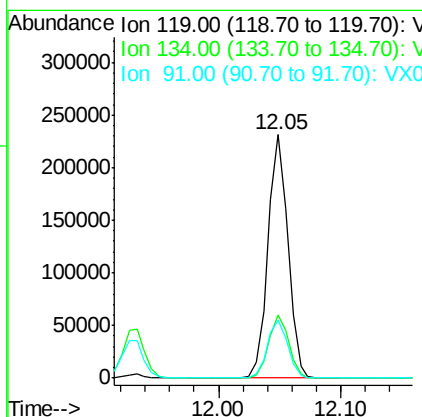
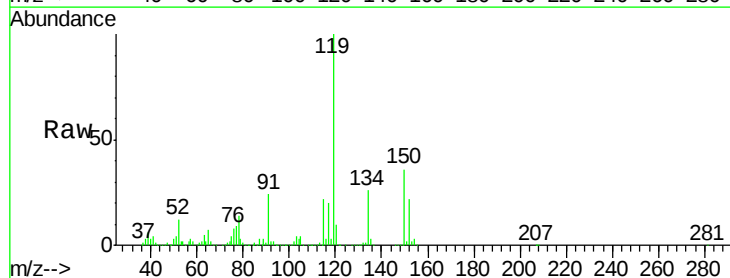
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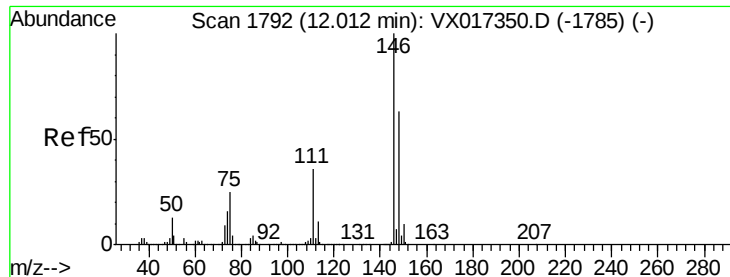
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#86
 p-Isopropyltoluene
 Concen: 19.071 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.5	40.5
91	24.4	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 19.456 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

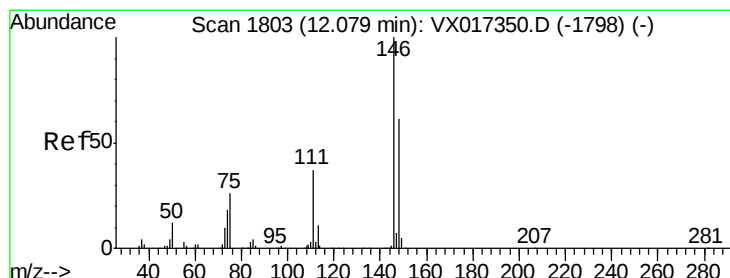
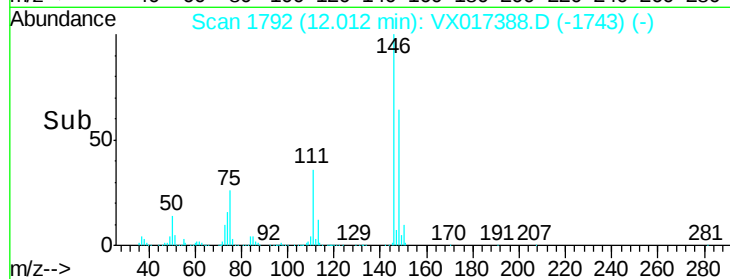
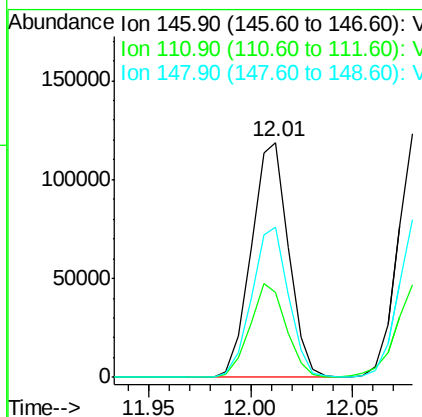
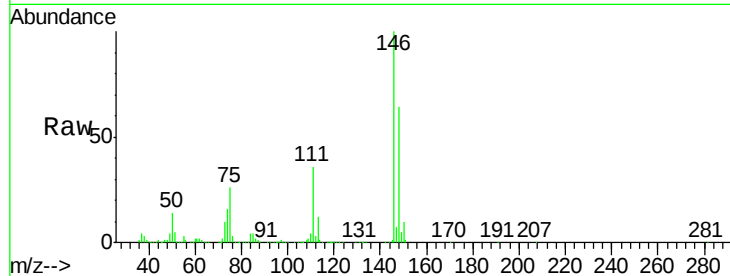
Instrument :
MSVOA_X

ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	63.5	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.337 ug/l

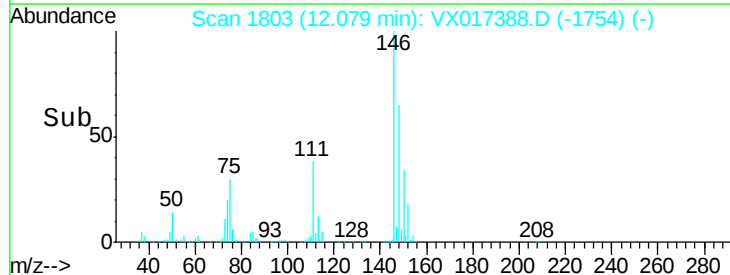
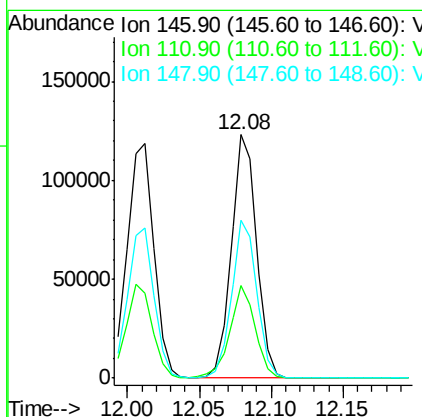
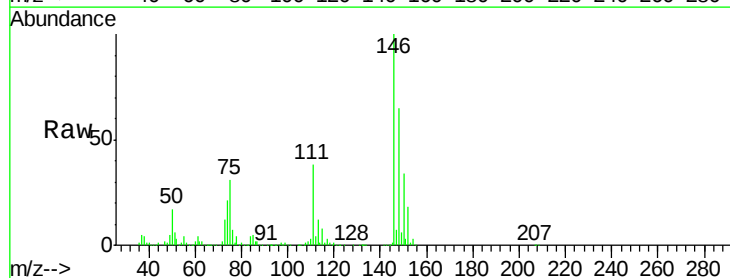
RT: 12.08 min Scan# 1803

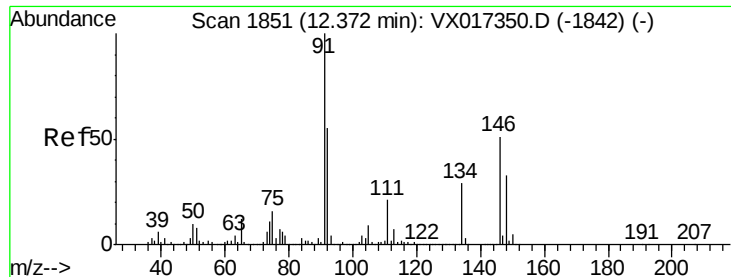
Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.9	31.9	95.9





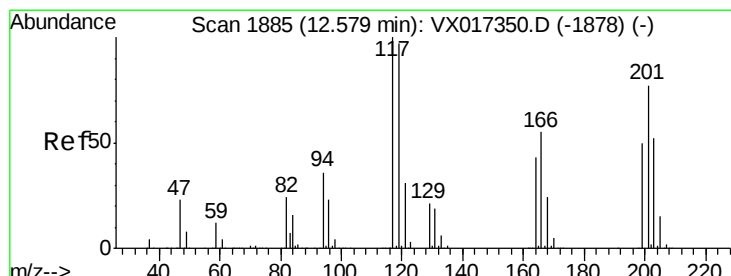
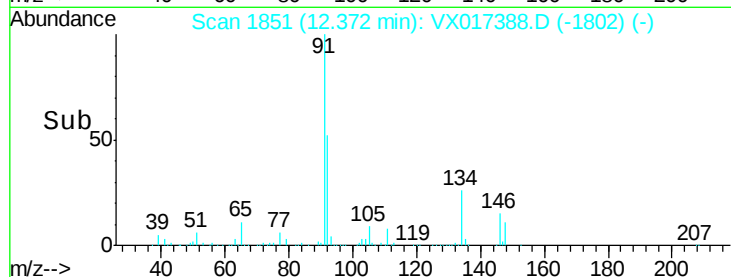
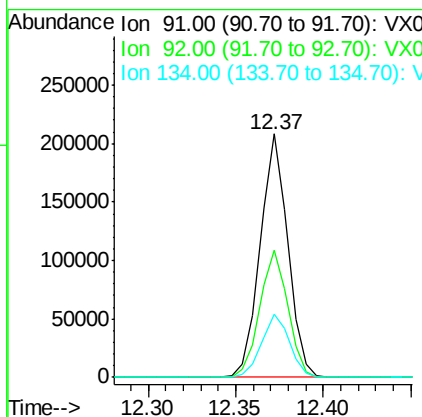
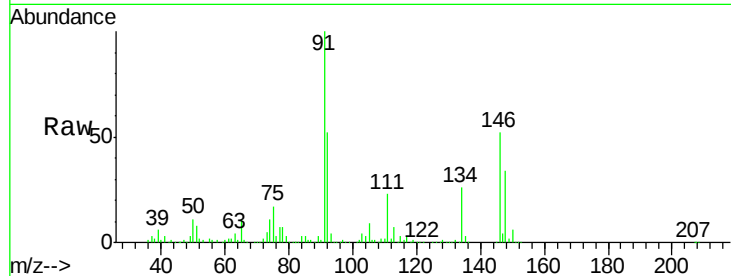
#89
n-Butylbenzene
Concen: 19.448 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.0	81.0
134	26.3	14.1	42.2

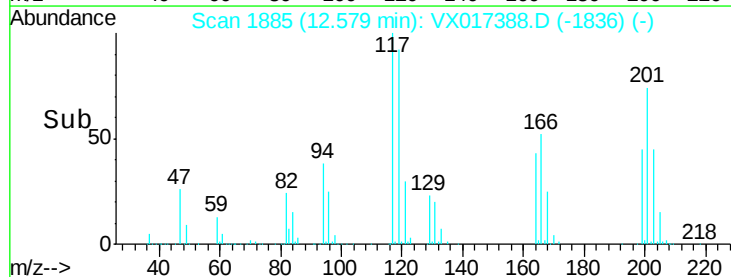
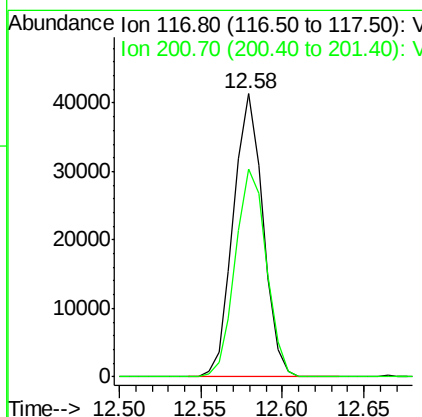
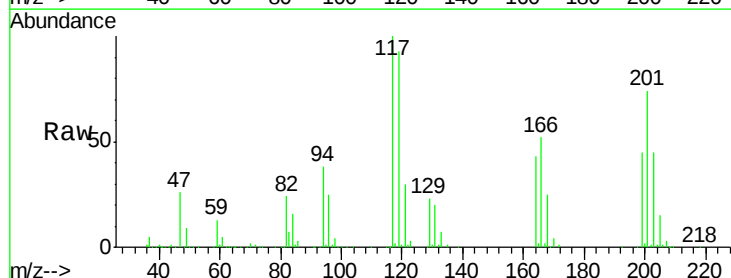
Manual Integrations
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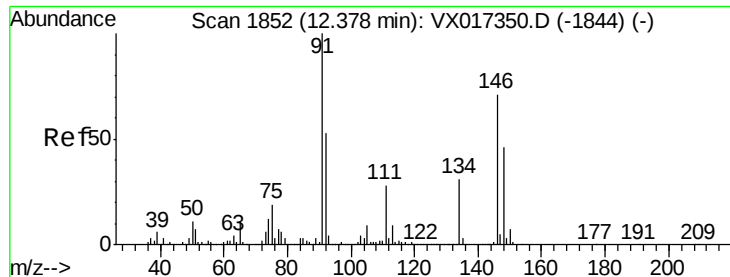
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#90
Hexachloroethane
Concen: 20.047 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	41.0	123.0





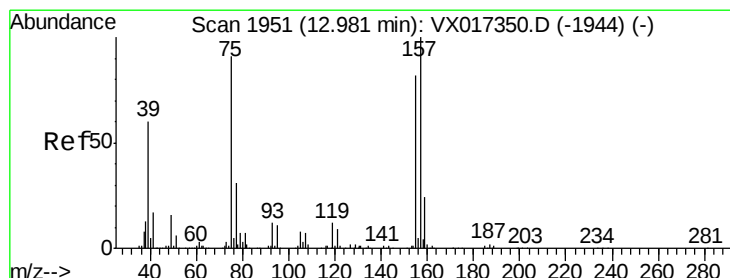
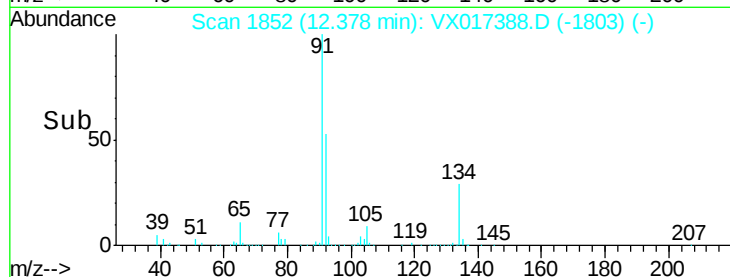
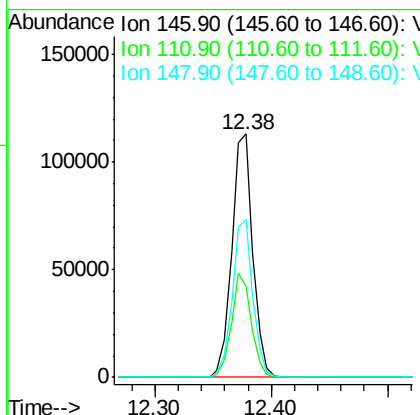
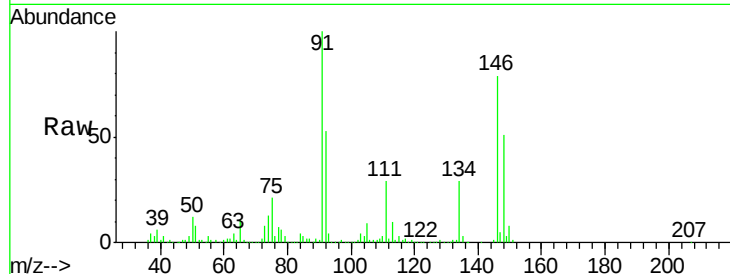
#91
 1,2-Dichlorobenzene
 Concen: 19.404 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.7	32.0	96.0

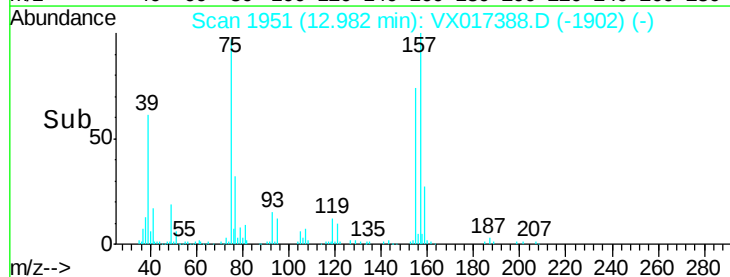
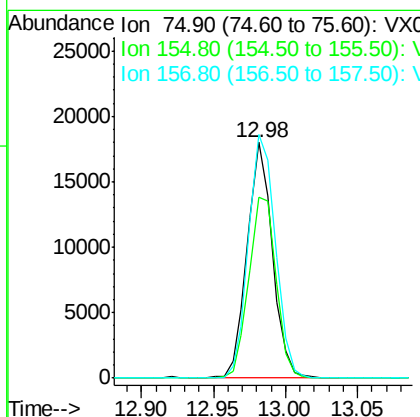
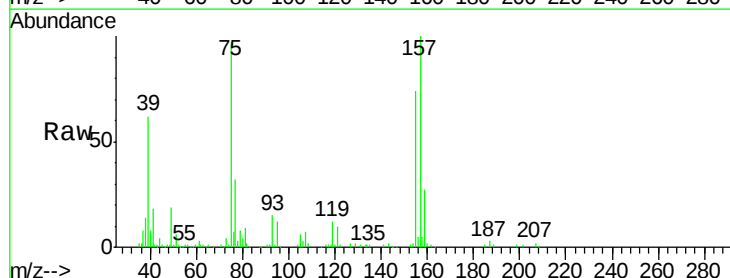
Manual Integrations
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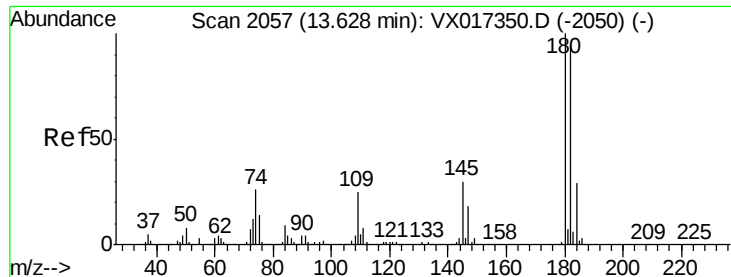
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.967 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017388.D
 Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	46.5	139.3
157	109.5	58.0	173.9





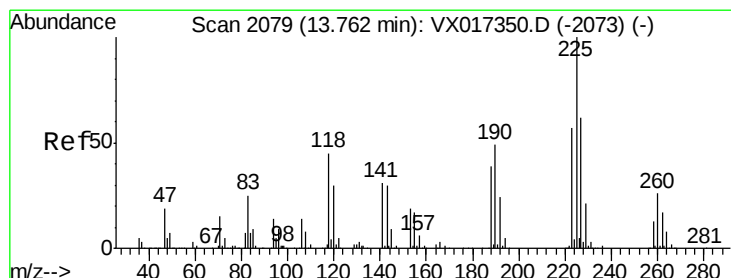
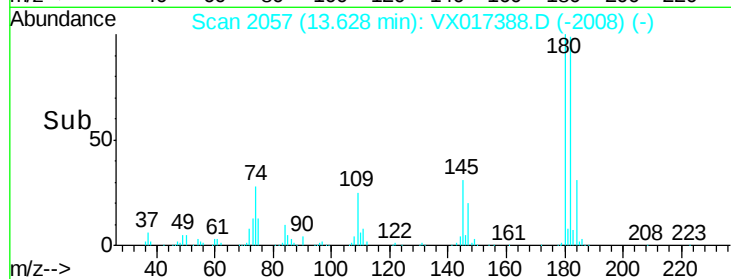
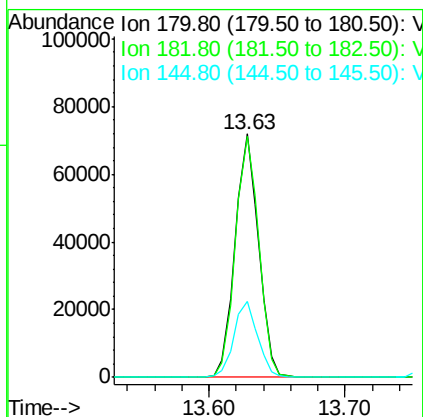
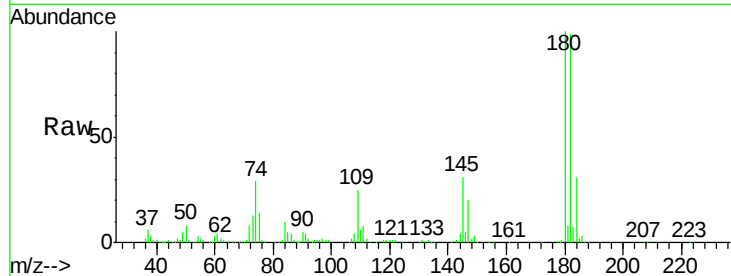
#93
1,2,4-Trichlorobenzene
Concen: 17.096 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0716WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.4	145.0
145	31.4	15.3	45.8

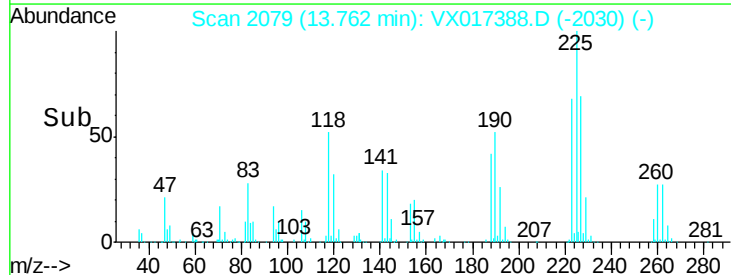
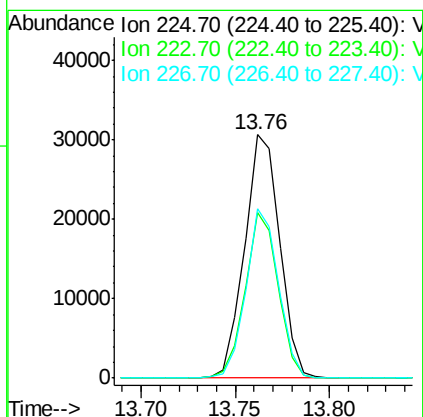
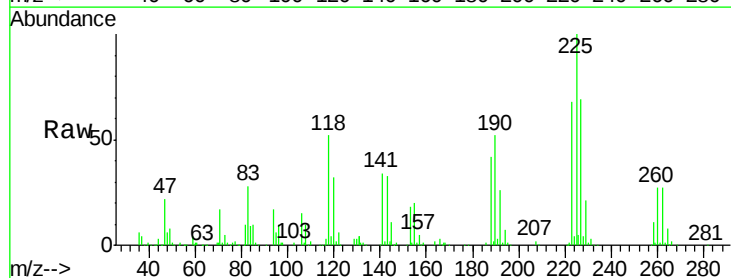
Manual Integrations
APPROVED

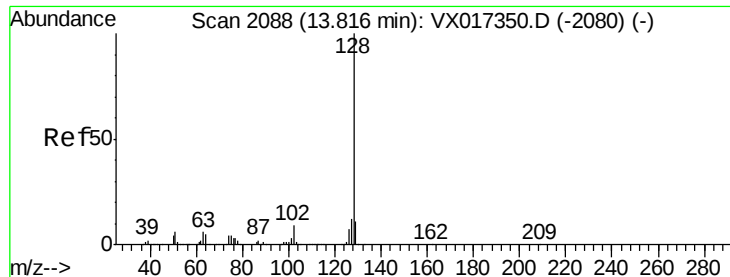
MMDadoda
7/17/2020 4:44:13 PM



#94
Hexachlorobutadiene
Concen: 19.194 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX017388.D
Acq: 16 Jul 2020 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.3	93.8
227	64.3	31.6	95.0





#95

Naphthalene

Concen: 17.984 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Instrument :

MSVOA_X

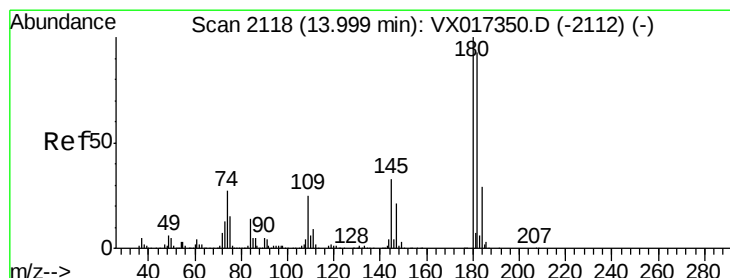
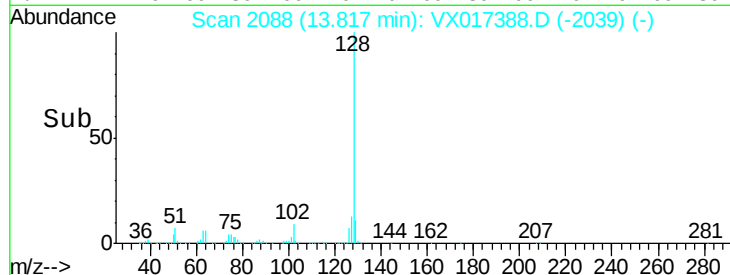
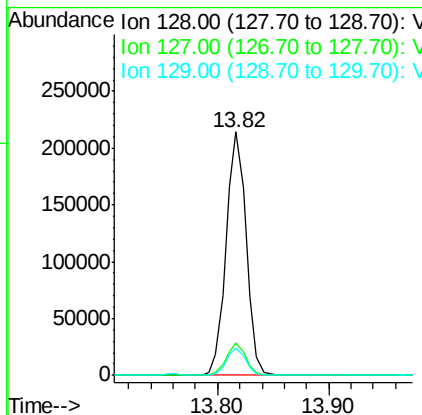
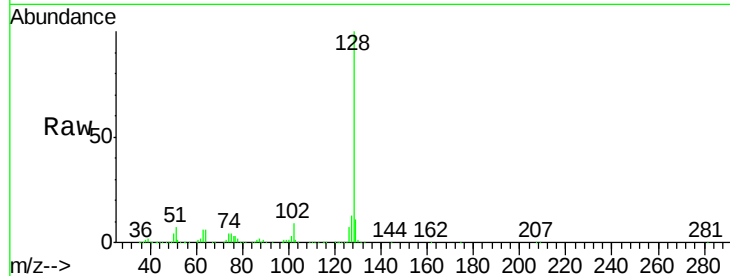
ClientSampleId :

VX0716WBSD01

Tot Ion:	128	Resp:	266949
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/17/2020 4:44:13 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.525 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017388.D

Acq: 16 Jul 2020 14:11

Tgt Ion:	180	Resp:	90341
Ion Ratio	Lower	Upper	
180	100		
182	92.9	48.8	146.3
145	31.5	16.6	49.7

