

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016750.D
 Acq On : 15 Jun 2020 12:40
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:12 PM

Quant Time: Jun 15 13:08:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	292035	92.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.44%	
35) Dibromofluoromethane	5.46	113	241910	101.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.20%	
50) Toluene-d8	8.70	98	930505	101.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.40%	
62) 4-Bromofluorobenzene	11.12	95	356425	100.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	304126	117.076	ug/l	100
3) Chloromethane	1.31	50	272785	89.962	ug/l	99
4) Vinyl Chloride	1.39	62	311872	96.755	ug/l	98
5) Bromomethane	1.62	94	169026	103.842	ug/l	98
6) Chloroethane	1.70	64	189549	100.531	ug/l	97
7) Trichlorofluoromethane	1.91	101	455877	105.770	ug/l	98
8) Diethyl Ether	2.17	74	168257	95.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237561	101.653	ug/l	98
10) Methyl Iodide	2.49	142	311483	122.017	ug/l	99
11) Tert butyl alcohol	3.03	59	352482	443.216	ug/l	100
12) 1,1-Dichloroethene	2.36	96	248666	100.318	ug/l	98
13) Acrolein	2.27	56	162291	474.009	ug/l	97
14) Allyl chloride	2.70	41	387240	87.336	ug/l	99
15) Acrylonitrile	3.12	53	731397	447.511	ug/l	99
16) Acetone	2.42	43	641886	469.688	ug/l	99
17) Carbon Disulfide	2.55	76	697666	95.448	ug/l	100
18) Methyl Acetate	2.75	43	350612	98.169	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	848896	96.548	ug/l	99
20) Methylene Chloride	2.83	84	261182	90.936	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	262993	96.394	ug/l	99
22) Diisopropyl ether	3.82	45	724708	85.443	ug/l	97
23) Vinyl Acetate	3.79	43	3191063	432.992	ug/l	99
24) 1,1-Dichloroethane	3.67	63	446608	91.846	ug/l	100
25) 2-Butanone	4.64	43	986373	430.863	ug/l	98
26) 2,2-Dichloropropane	4.55	77	421808	102.916	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	298010	94.886	ug/l	99
28) Bromochloromethane	4.98	49	191788	85.459	ug/l	99
29) Tetrahydrofuran	5.09	42	635809	430.550	ug/l	100
30) Chloroform	5.18	83	475838	96.307	ug/l	97
31) Cyclohexane	5.55	56	386794	89.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	452672	100.558	ug/l	100
36) 1,1-Dichloropropene	5.77	75	358647	98.774	ug/l	99
37) Ethyl Acetate	4.79	43	375297	88.103	ug/l	99
38) Carbon Tetrachloride	5.76	117	413290	106.847	ug/l	96

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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Jun 15 13:08:08 2020
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 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	416668	105.197	ug/l	99
40) Benzene	6.12	78	1050183	97.341	ug/l	100
41) Methacrylonitrile	5.01	41	207962	88.862	ug/l	98
42) 1,2-Dichloroethane	6.17	62	380937	99.162	ug/l	99
43) Isopropyl Acetate	6.42	43	607164	91.137	ug/l	100
44) Trichloroethene	7.19	130	327857	95.650	ug/l	99
45) 1,2-Dichloropropane	7.49	63	262261	95.981	ug/l	99
46) Dibromomethane	7.64	93	189002	101.945	ug/l	99
47) Bromodichloromethane	7.88	83	394671	102.716	ug/l	99
48) Methyl methacrylate	7.75	41	295323	92.770	ug/l	99
49) 1,4-Dioxane	7.71	88	142799	1899.776	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1883085	455.071	ug/l	99
52) Toluene	8.77	92	699216	102.288	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	461430	105.609	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	475021	103.103	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	279593	102.626	ug/l	97
56) Ethyl methacrylate	9.16	69	450367	102.861	ug/l	99
57) 1,3-Dichloropropane	9.35	76	459731	99.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1117070	489.212	ug/l	100
59) 2-Hexanone	9.48	43	1472190	458.074	ug/l	100
60) Dibromochloromethane	9.57	129	341336	110.413	ug/l	100
61) 1,2-Dibromoethane	9.65	107	305868	104.437	ug/l	98
64) Tetrachloroethene	9.32	164	345113	86.506	ug/l	96
65) Chlorobenzene	10.12	112	748986	101.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	302675	106.044	ug/l	98
67) Ethyl Benzene	10.24	91	1329018	101.430	ug/l	100
68) m/p-Xylenes	10.34	106	1017902	208.414	ug/l	100
69) o-Xylene	10.68	106	494078	104.374	ug/l	99
70) Styrene	10.70	104	877661	108.128	ug/l	99
71) Bromoform	10.84	173	271627	113.112	ug/l #	97
73) Isopropylbenzene	11.00	105	1323186	102.605	ug/l	100
74) N-amyl acetate	10.88	43	525509	91.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371118	113.518	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	388025m	95.606	ug/l	
77) Bromobenzene	11.24	156	350703	102.936	ug/l	100
78) n-propylbenzene	11.35	91	1467620	102.311	ug/l	100
79) 2-Chlorotoluene	11.40	91	884162	100.860	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1116997	103.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	164138	99.699	ug/l	98
82) 4-Chlorotoluene	11.49	91	1055927	102.292	ug/l	100
83) tert-Butylbenzene	11.76	119	1033565	111.271	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1140325	104.821	ug/l	100
85) sec-Butylbenzene	11.93	105	1219931	105.352	ug/l	99
86) p-Isopropyltoluene	12.05	119	1190311	109.487	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	598524	101.676	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	613068	101.827	ug/l	99
89) n-Butylbenzene	12.37	91	979238	108.560	ug/l	98
90) Hexachloroethane	12.58	117	210479	111.711	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	592934	103.752	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106868	102.587	ug/l	100

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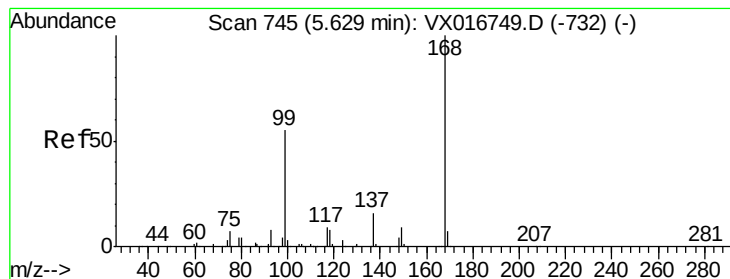
Manual Integrations
APPROVED

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6/16/2020 3:23:12 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	435715	114.362	ug/l	98
94) Hexachlorobutadiene	13.76	225	187914	121.277	ug/l	97
95) Naphthalene	13.82	128	1421616	109.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	431408	114.624	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 259607

Ion Ratio Lower Upper

168 100

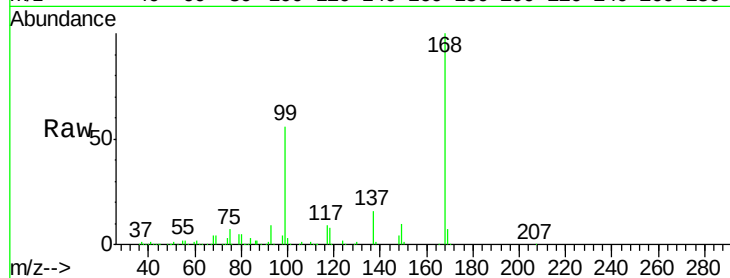
99 56.1 43.8 65.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

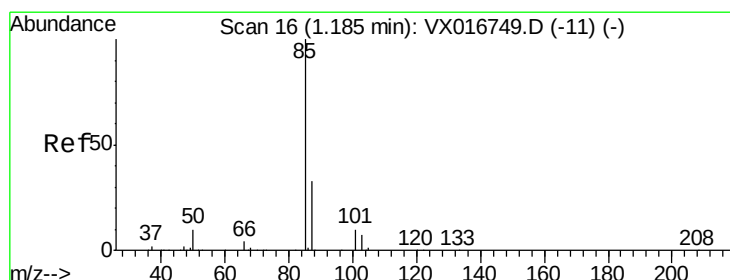
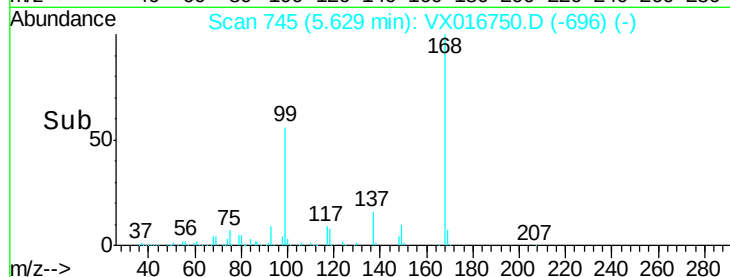
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 117.076 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016750.D

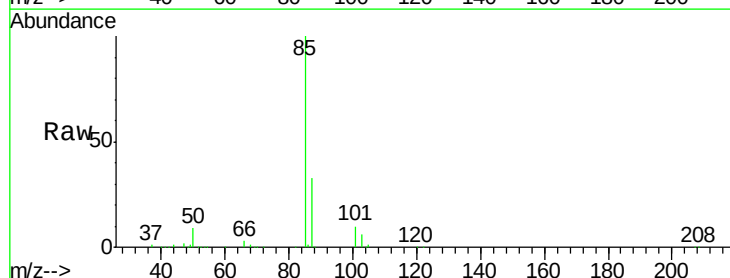
Acq: 15 Jun 2020 12:40

Tgt Ion: 85 Resp: 304126

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

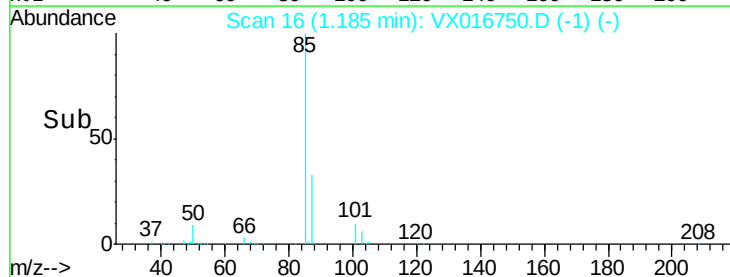
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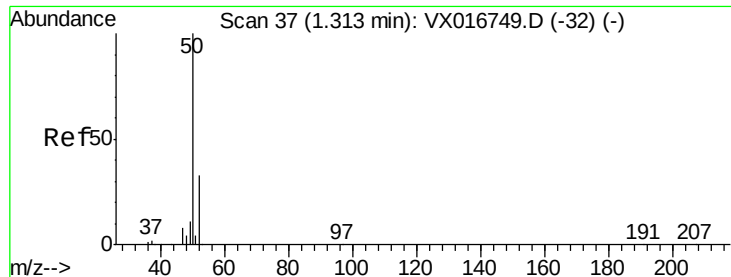
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0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 89.962 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 272785

Ion Ratio Lower Upper

50 100

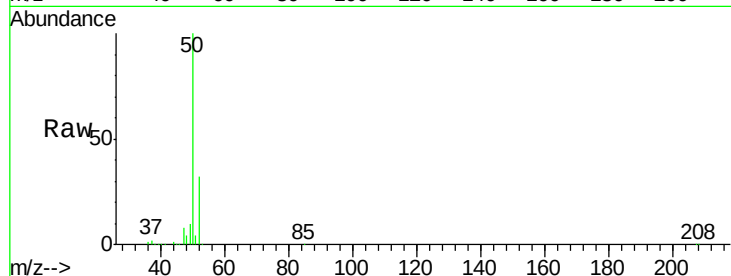
52 32.3 26.5 39.7

Manual Integrations

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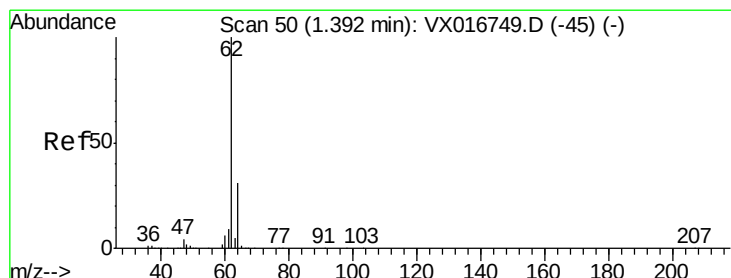
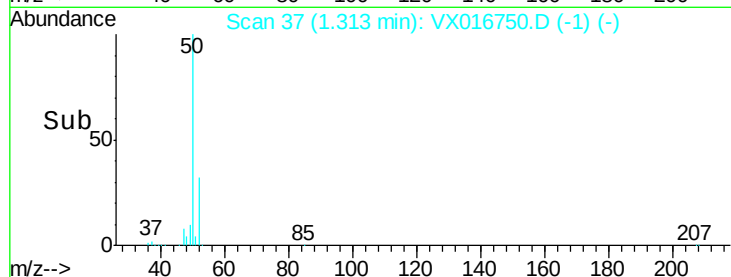
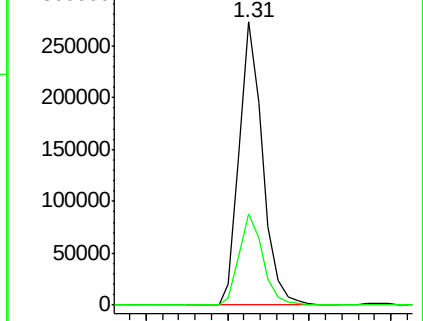
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 96.755 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016750.D

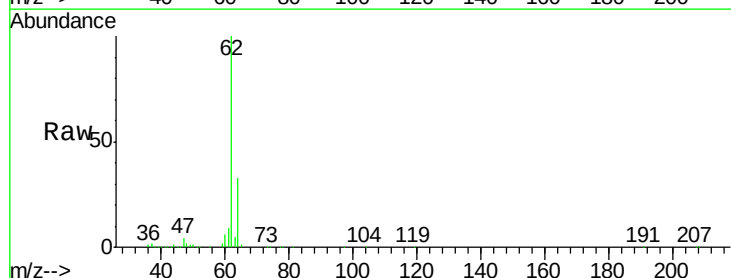
Acq: 15 Jun 2020 12:40

Tgt Ion: 62 Resp: 311872

Ion Ratio Lower Upper

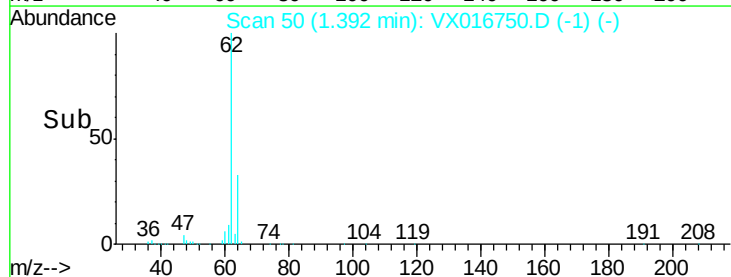
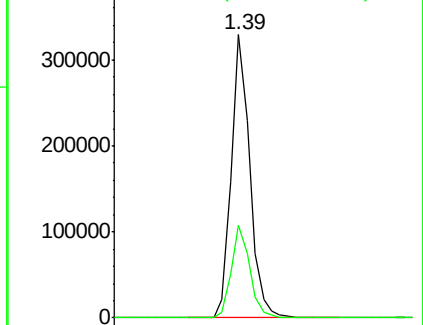
62 100

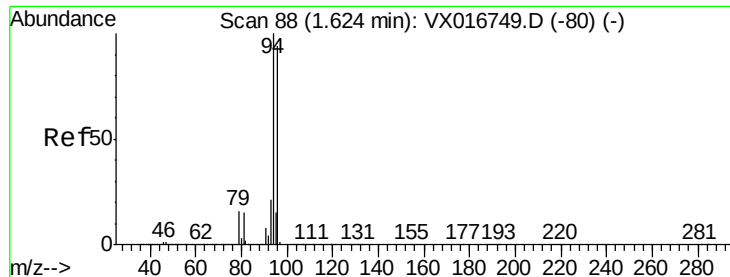
64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 103.842 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 169026

Ion Ratio Lower Upper

94 100

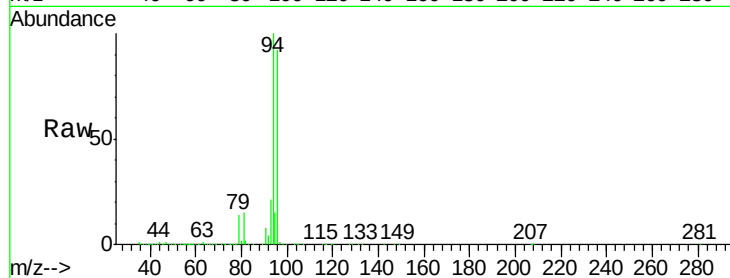
96 92.3 75.4 113.0

Manual Integrations

APPROVED

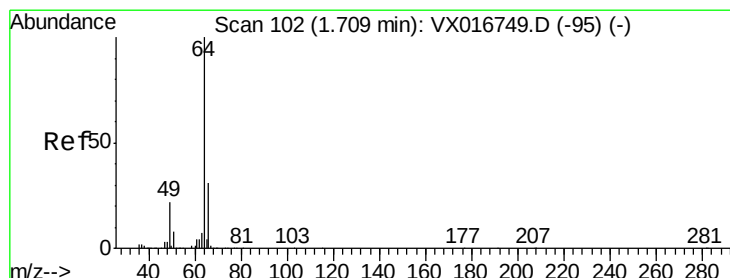
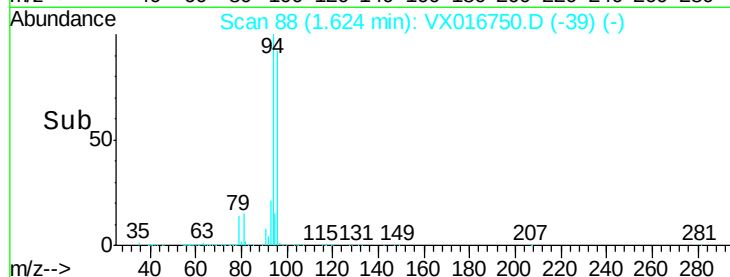
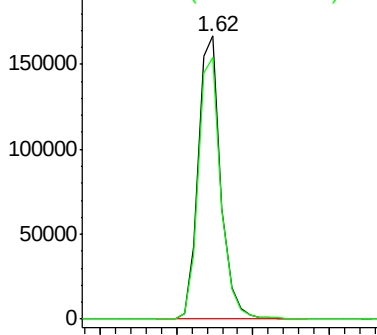
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 100.531 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016750.D

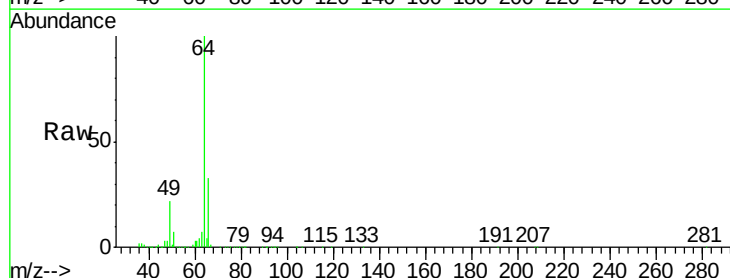
Acq: 15 Jun 2020 12:40

Tgt Ion: 64 Resp: 189549

Ion Ratio Lower Upper

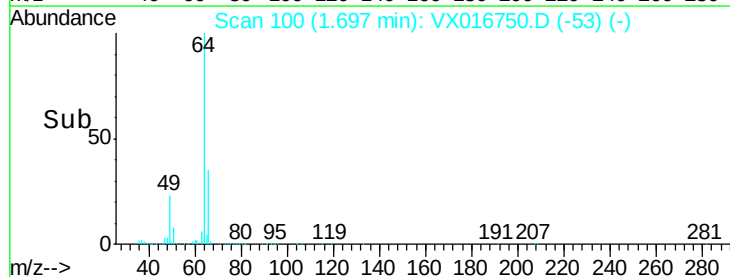
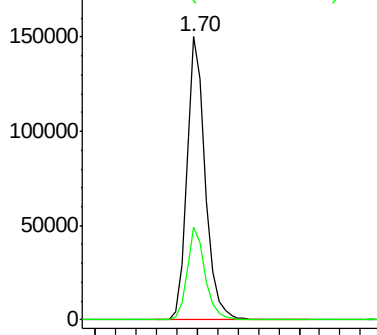
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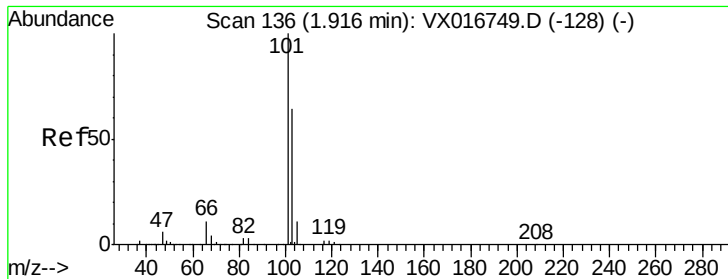
66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

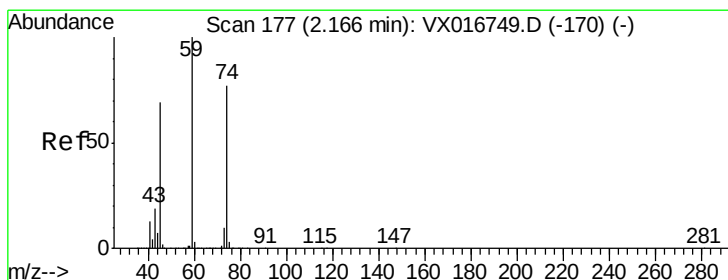
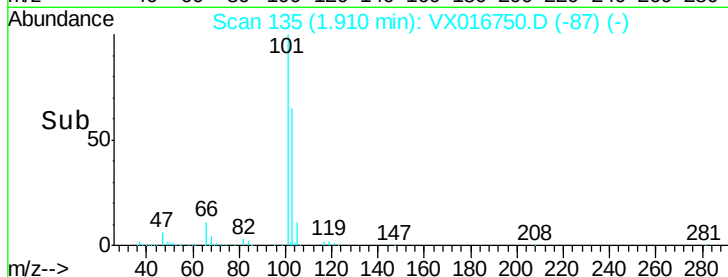
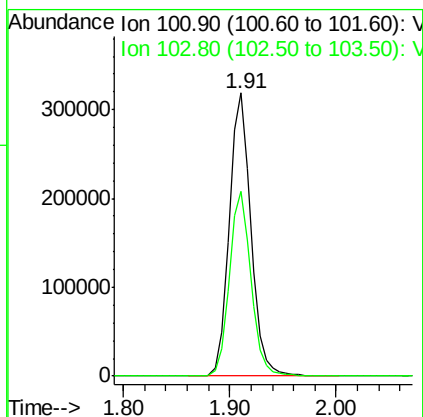
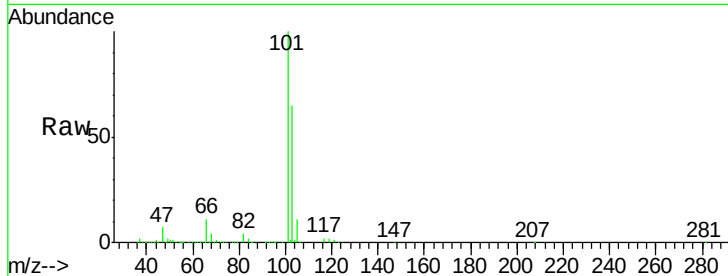
Trichlorofluoromethane
Concen: 105.770 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

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MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.3	76.9

Manual Integrations
APPROVED

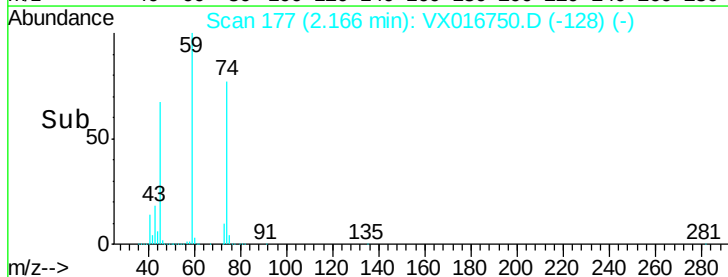
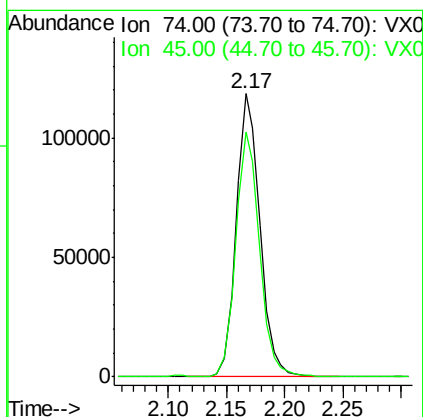
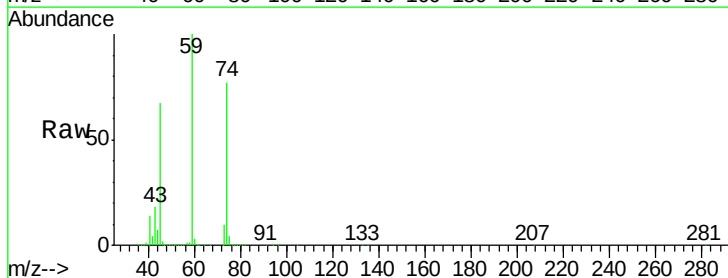
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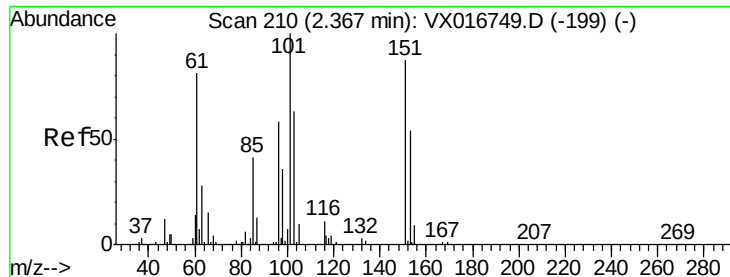


#8

Diethyl Ether
Concen: 95.349 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.653 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

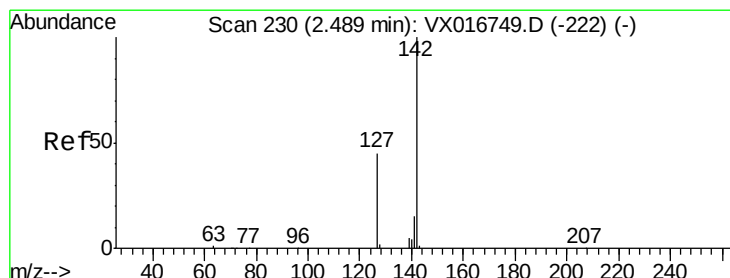
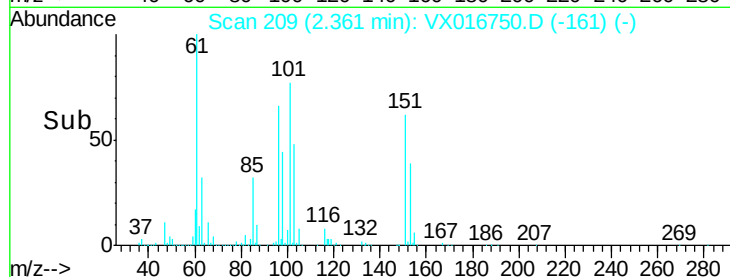
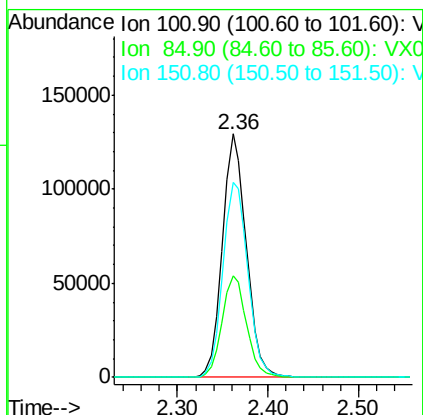
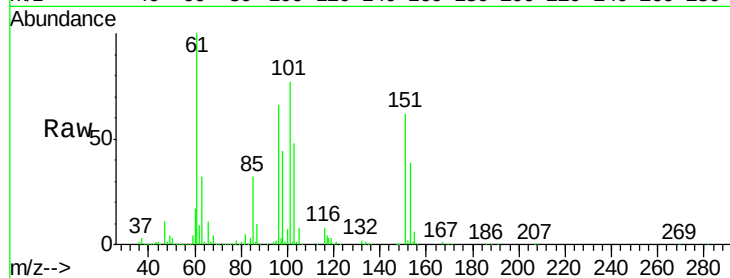
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	237561
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.0	51.0
151	84.0	68.7	103.1

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#10

Methyl Iodide

Concen: 122.017 ug/l

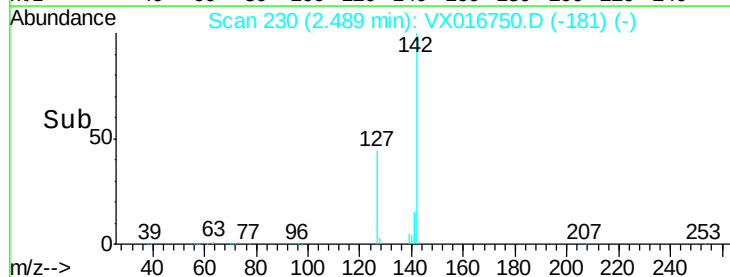
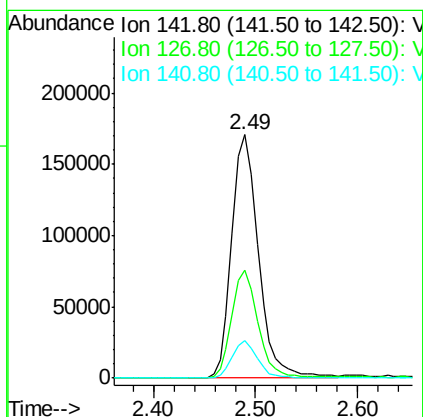
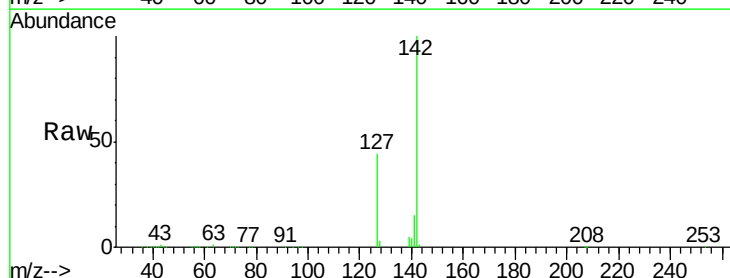
RT: 2.49 min Scan# 230

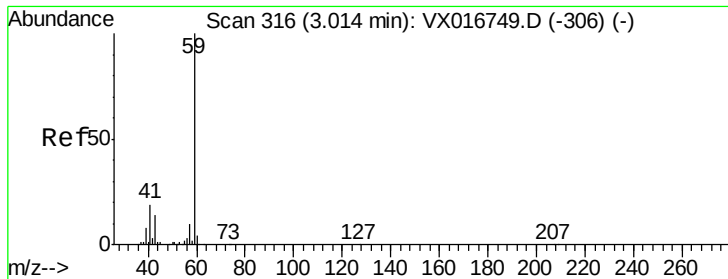
Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion:	142	Resp:	311483
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.4	53.2
141	14.7	11.7	17.5





#11

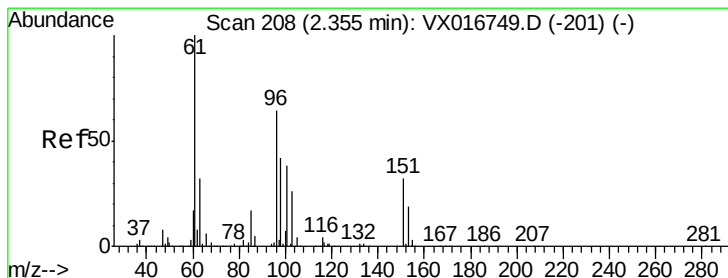
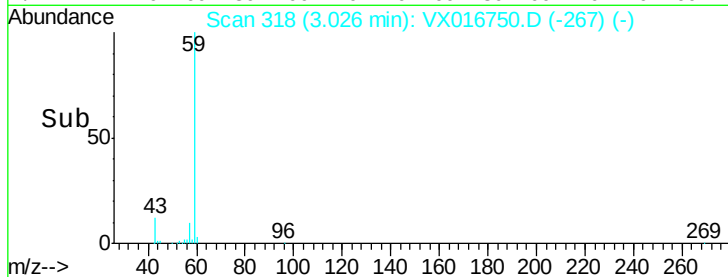
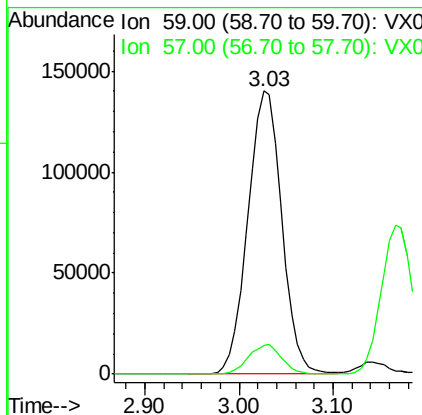
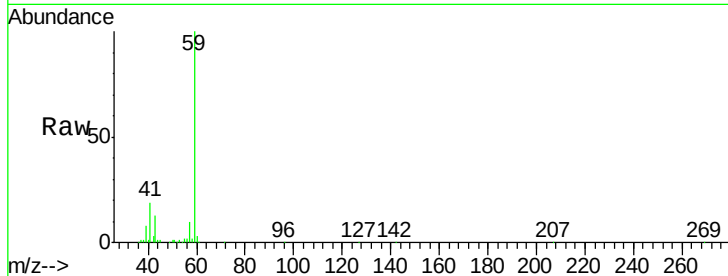
Tert butyl alcohol
 Concen: 443.216 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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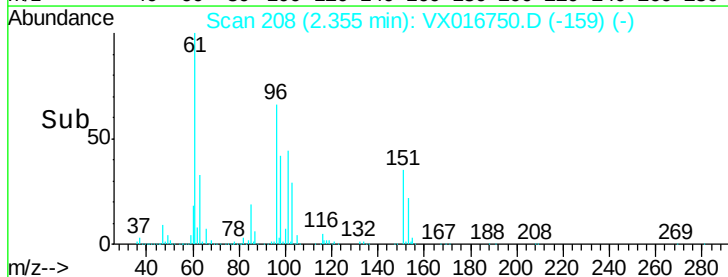
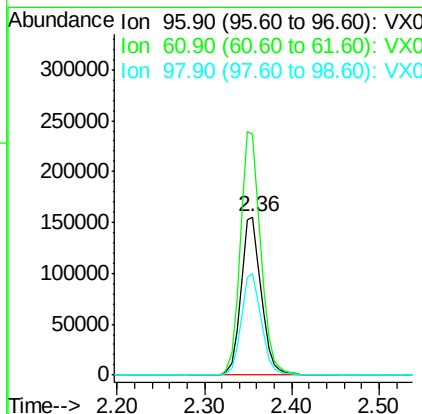
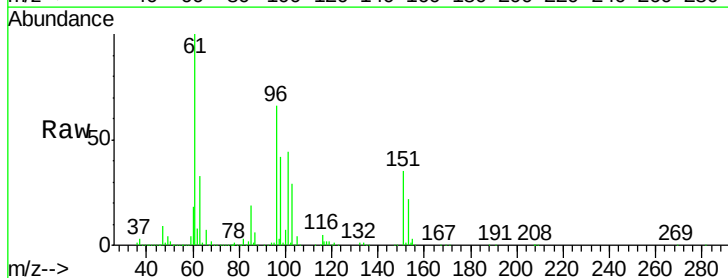
MMDadoda
 6/16/2020 3:23:12 PM

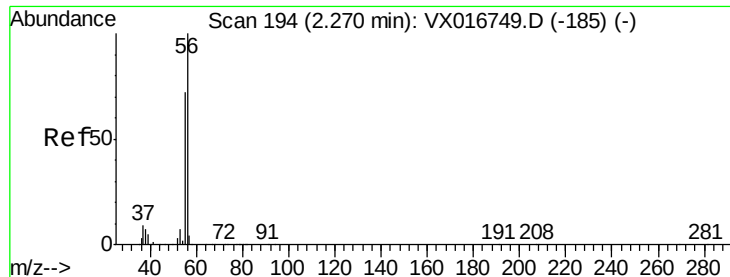


#12

1,1-Dichloroethene
 Concen: 100.318 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	124.1	186.1
98	64.1	52.7	79.1





#13

Acrolein

Concen: 474.009 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 162291

Ion Ratio Lower Upper

56 100

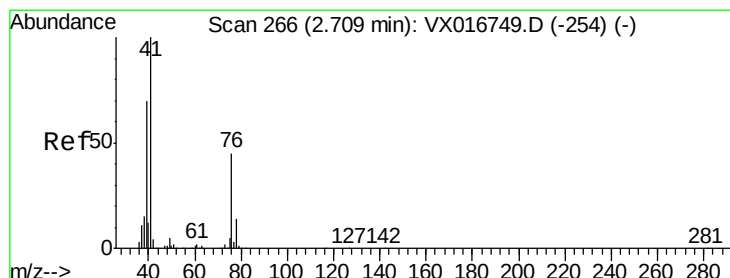
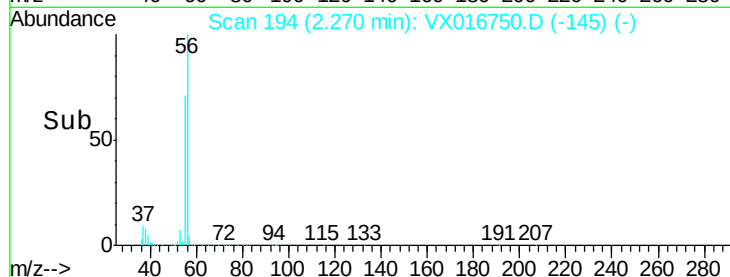
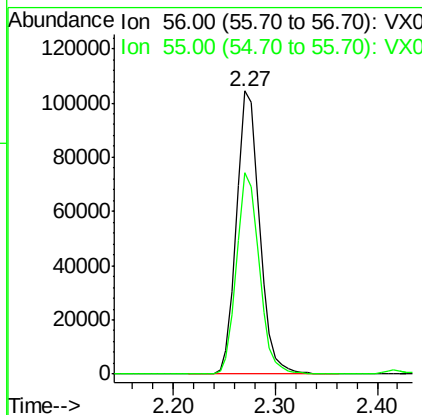
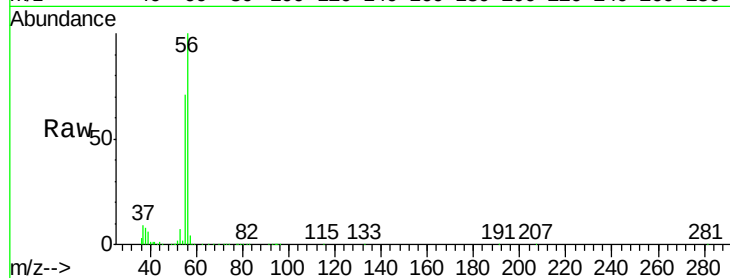
55 70.4 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 87.336 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

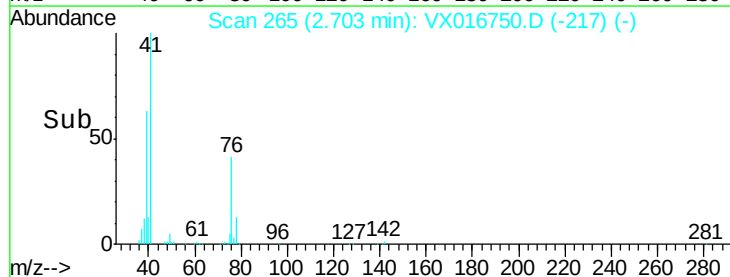
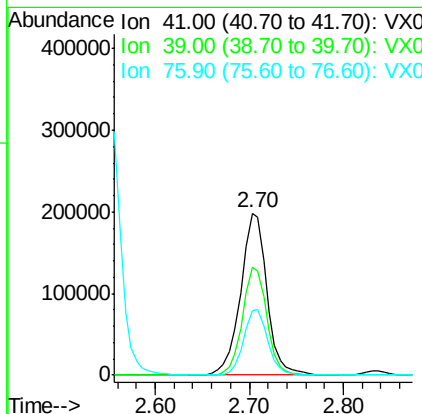
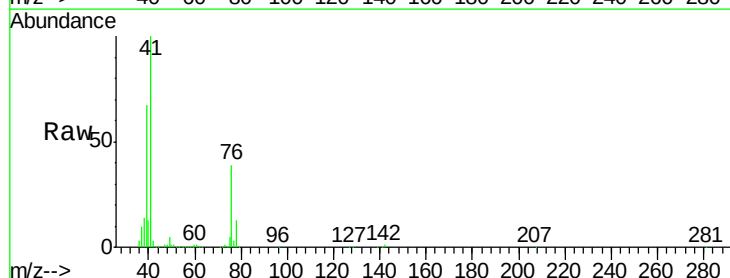
Tgt Ion: 41 Resp: 387240

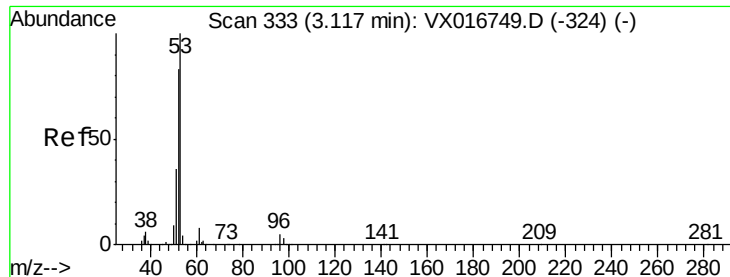
Ion Ratio Lower Upper

41 100

39 62.2 50.2 75.4

76 37.0 30.4 45.6





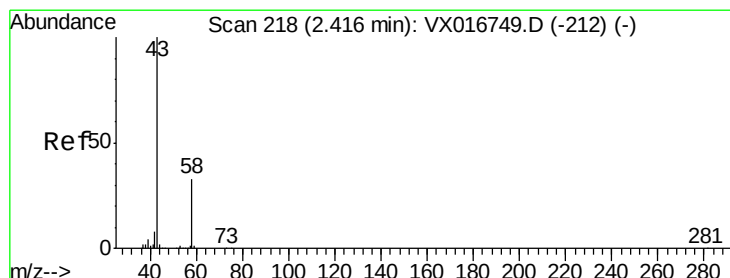
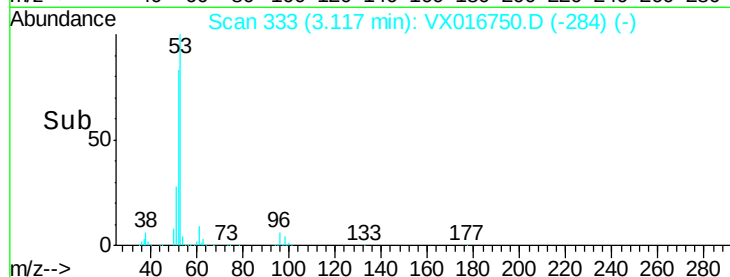
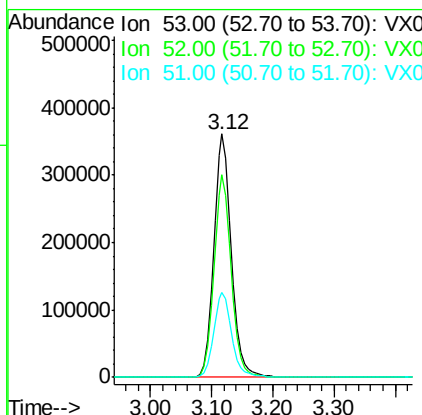
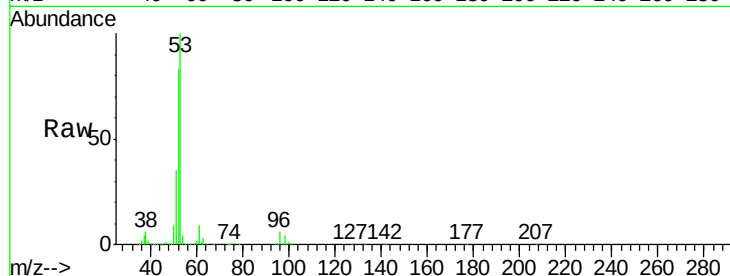
#15
 Acrylonitrile
 Concen: 447.511 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	53	Resp:	731397
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.5	98.3
51	35.7	28.6	42.8

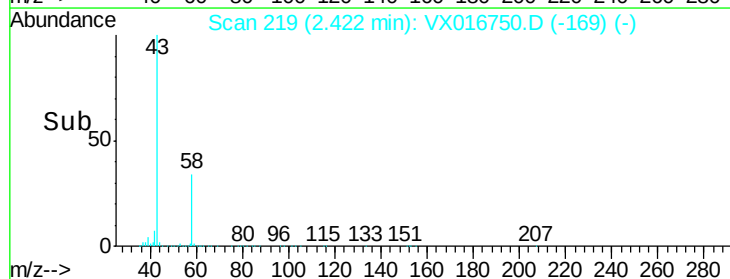
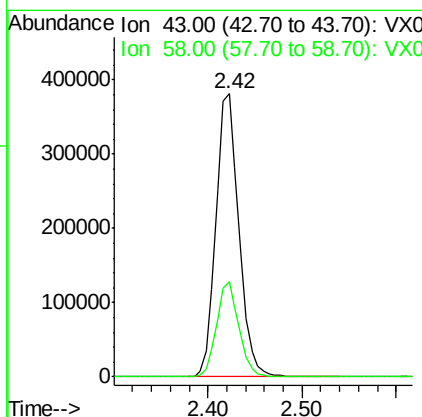
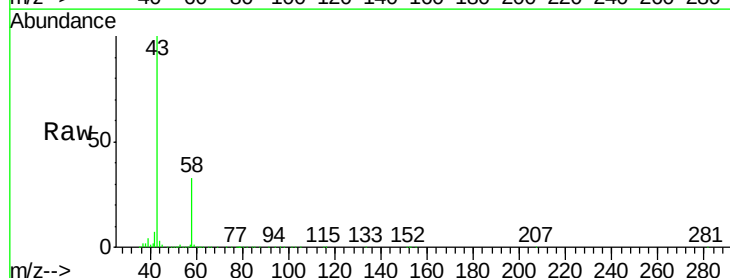
Manual Integrations
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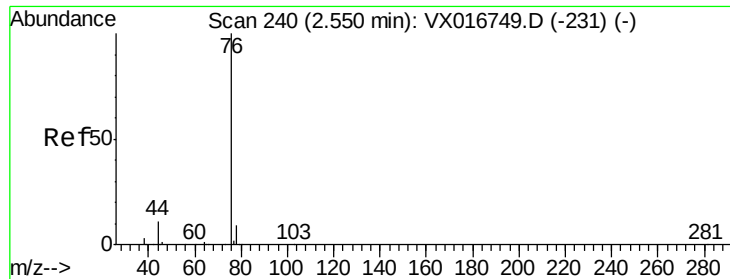
MMDadoda
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#16
 Acetone
 Concen: 469.688 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion:	43	Resp:	641886
Ion Ratio	Lower	Upper	
43	100		
58	33.5	26.3	39.5





#17

Carbon Disulfide

Concen: 95.448 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 76 Resp: 697666

Ion Ratio Lower Upper

76 100

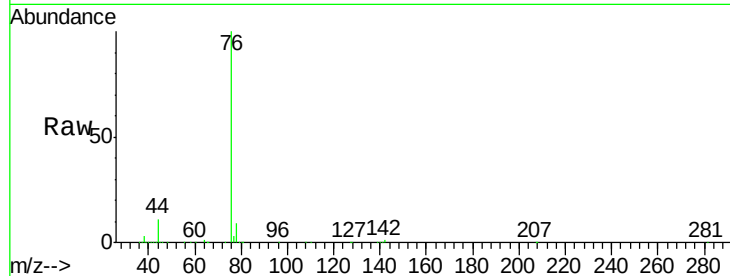
78 9.1 7.3 10.9

Manual Integrations

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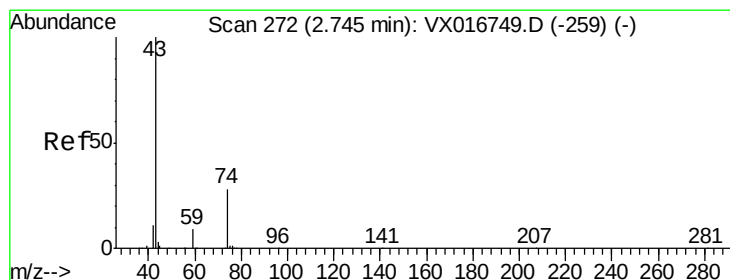
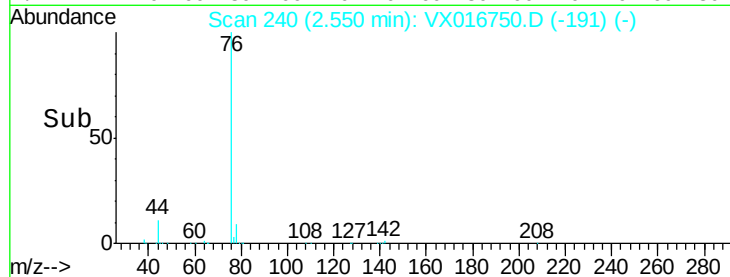
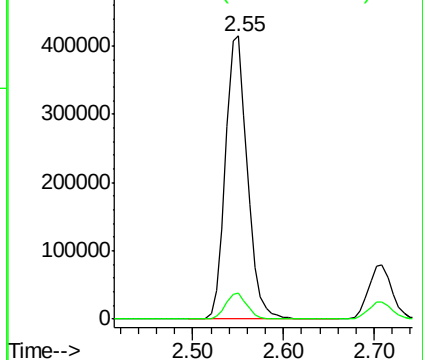
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 98.169 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016750.D

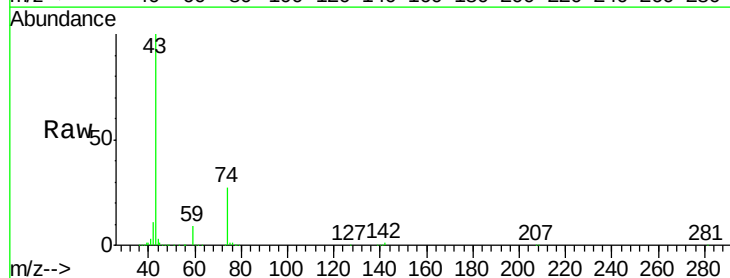
Acq: 15 Jun 2020 12:40

Tgt Ion: 43 Resp: 350612

Ion Ratio Lower Upper

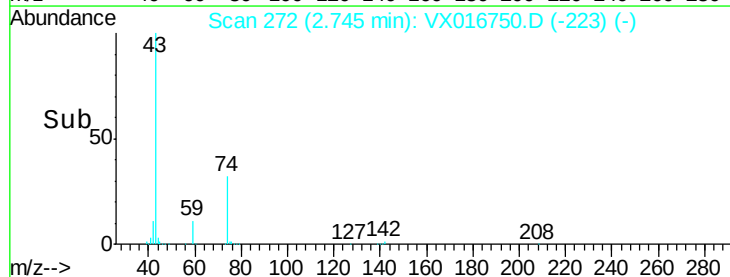
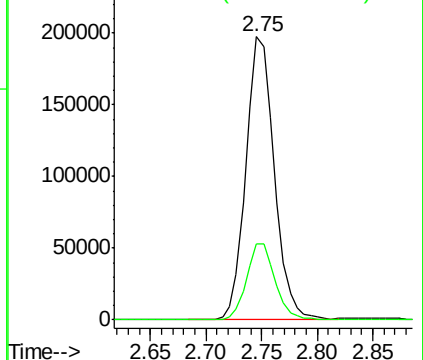
43 100

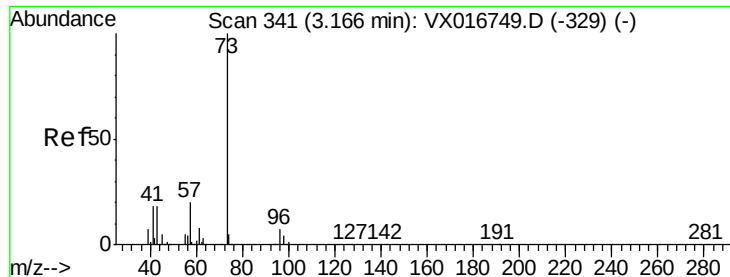
74 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





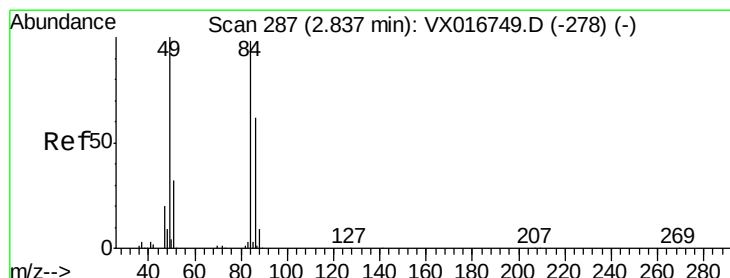
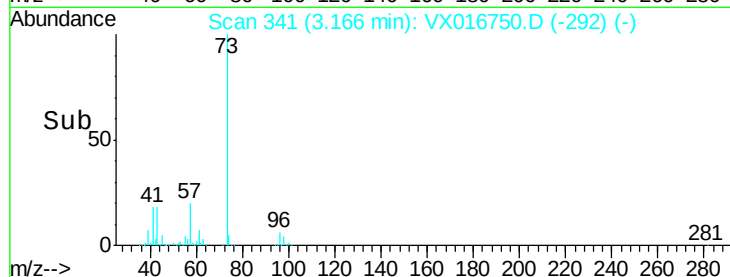
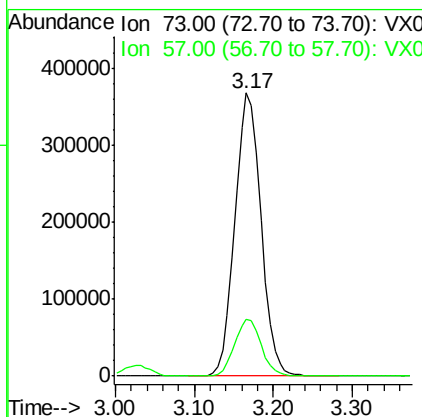
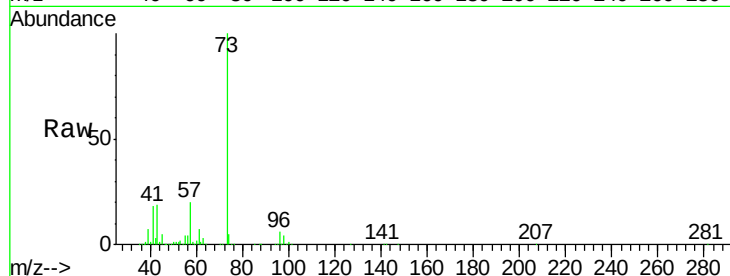
#19
Methyl tert-butyl Ether
Concen: 96.548 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	16.2	24.4

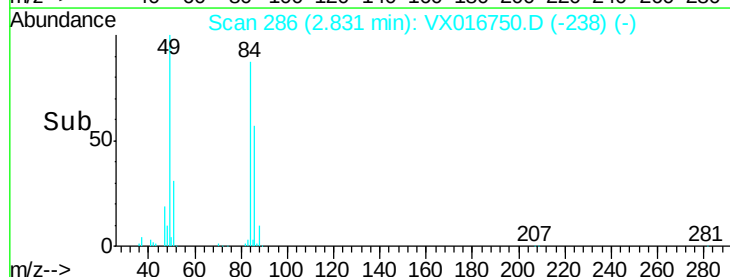
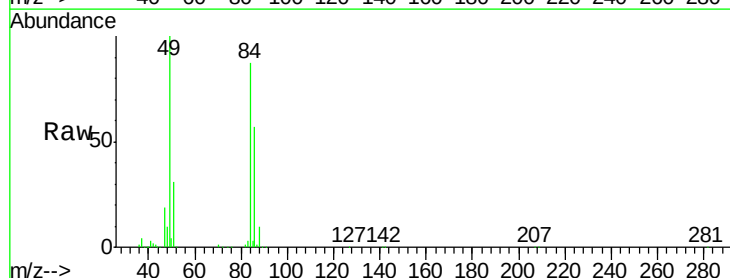
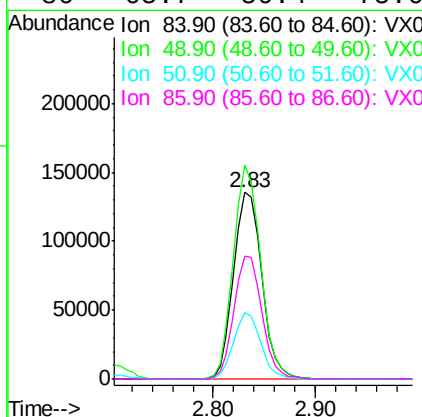
Manual Integrations
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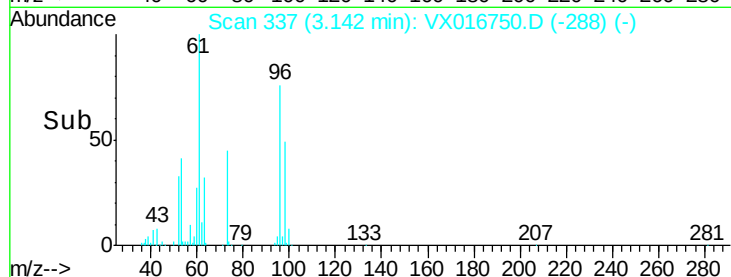
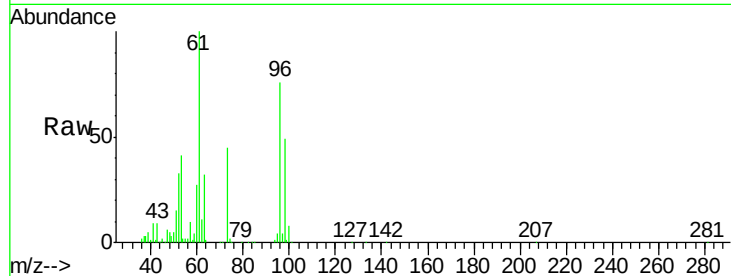
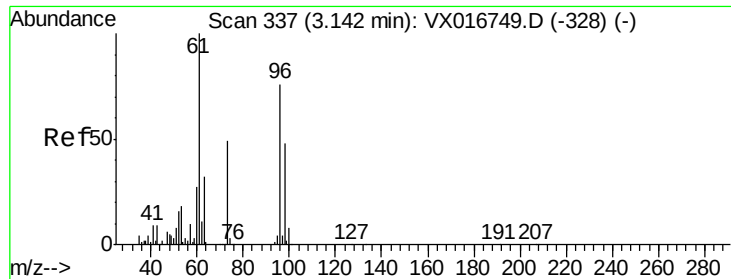
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#20
Methylene Chloride
Concen: 90.936 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.6	81.8	122.8
51	35.4	25.8	38.8
86	65.7	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 96.394 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tot Ion:	96	Resp:	262993
Ion	Ratio	Lower	Upper
96	100		
61	131.0	105.4	158.2
98	64.2	50.8	76.2

Instrument :

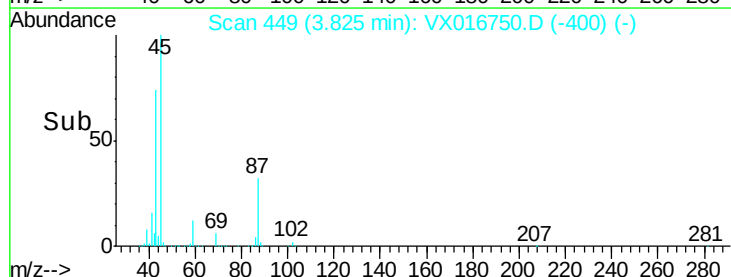
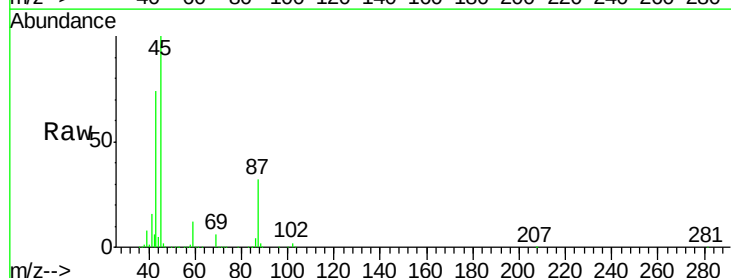
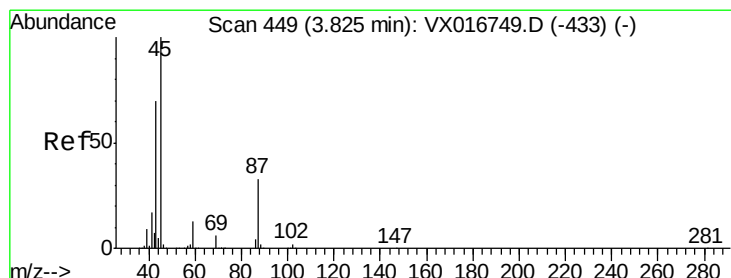
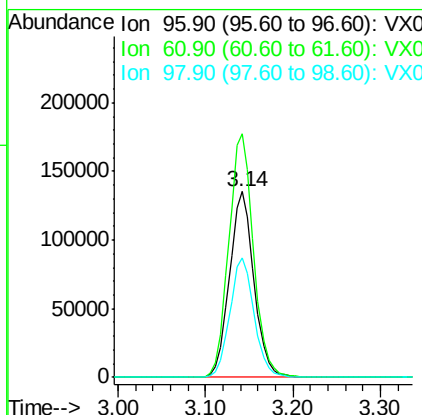
MSVOA_X

ClientSampleId :

VSTDIC100

Manual Integrations
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#22

Diisopropyl ether

Concen: 85.443 ug/l

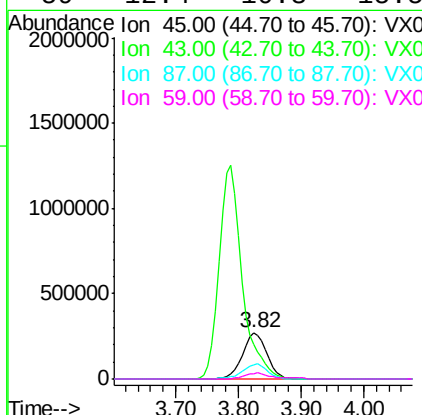
RT: 3.82 min Scan# 449

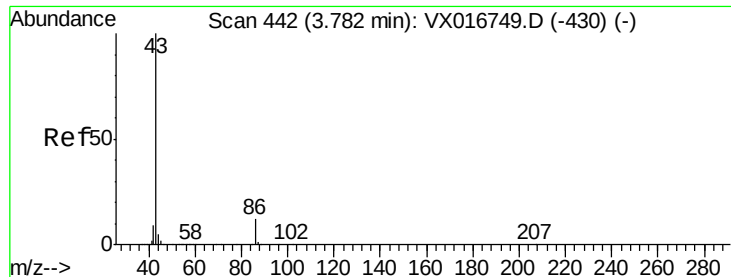
Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion:	45	Resp:	724708
Ion	Ratio	Lower	Upper
45	100		
43	73.7	56.2	84.4
87	32.0	26.2	39.4
59	12.4	10.3	15.5





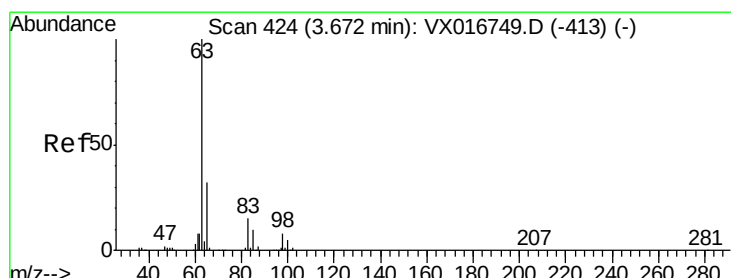
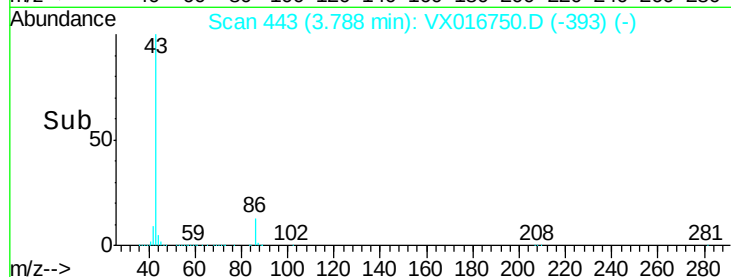
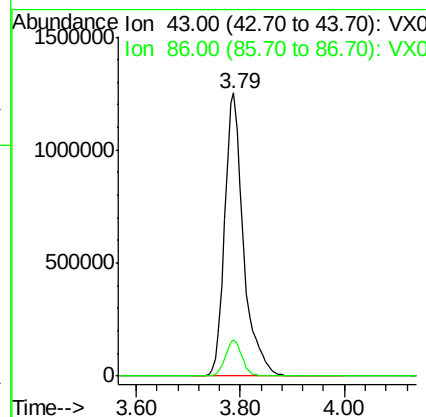
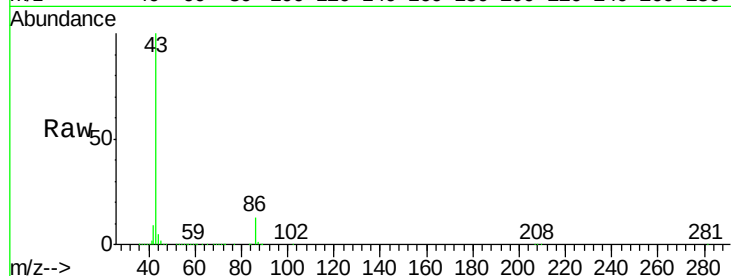
#23
 Vinyl Acetate
 Concen: 432.992 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 3191063
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8

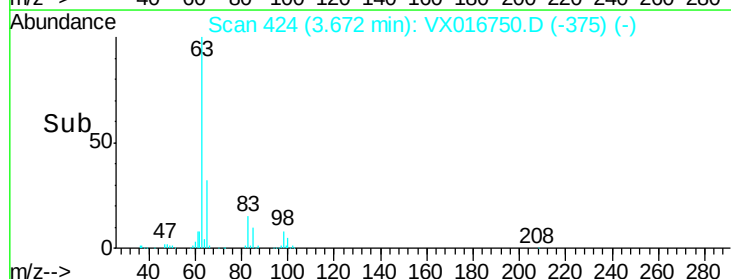
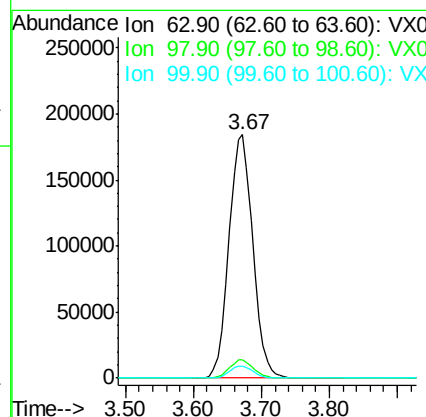
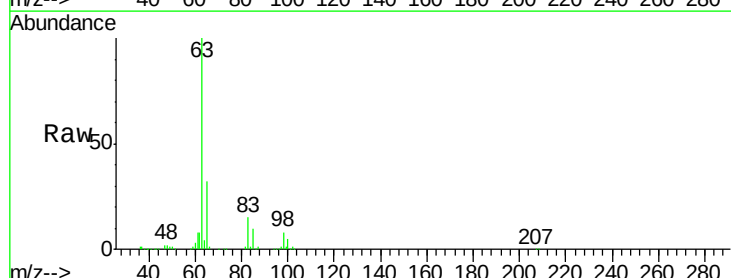
Manual Integrations
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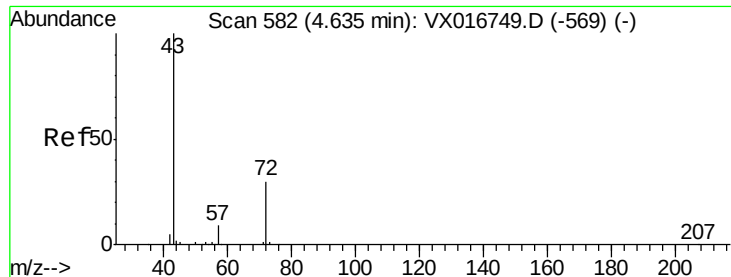
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 91.846 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 63 Resp: 446608
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.9 2.3 6.9





#25

2-Butanone

Concen: 430.863 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 986373

Ion Ratio Lower Upper

43 100

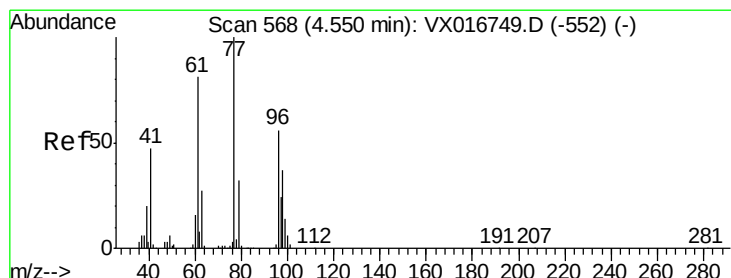
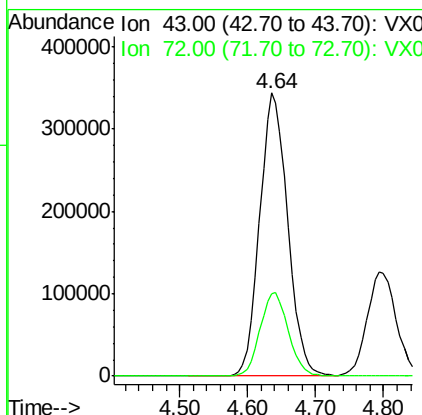
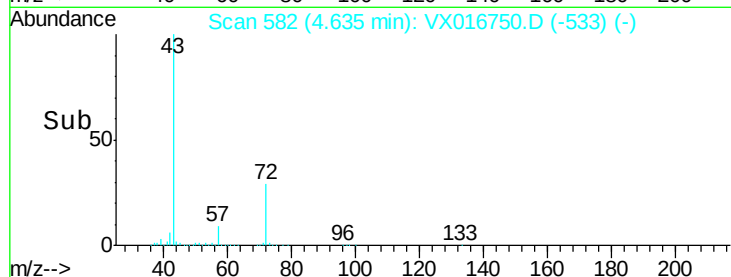
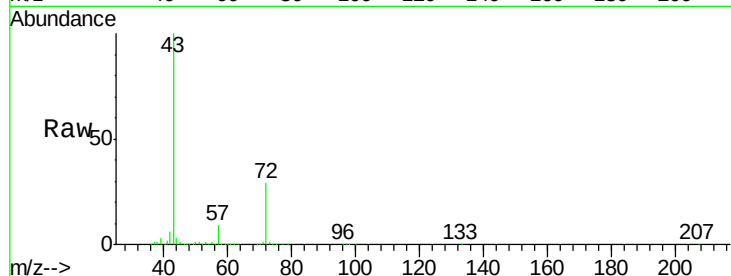
72 29.2 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 102.916 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016750.D

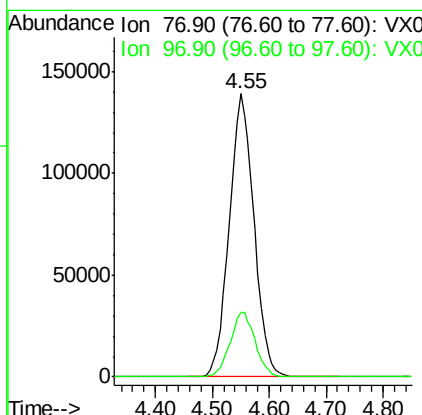
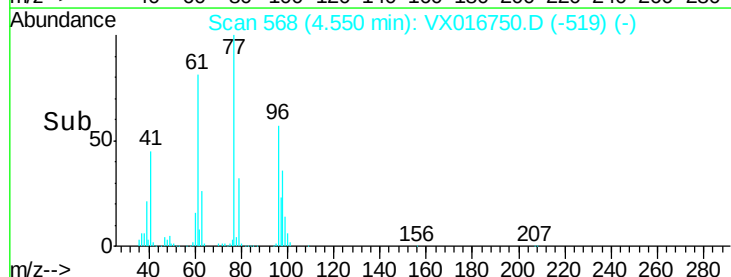
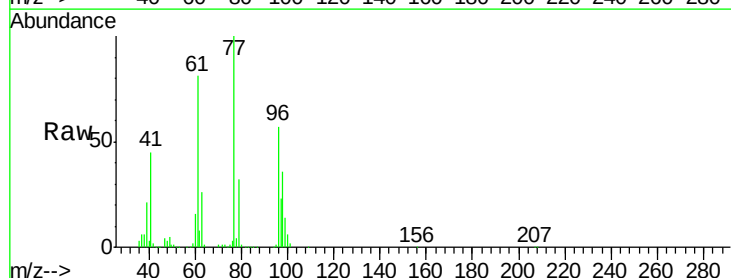
Acq: 15 Jun 2020 12:40

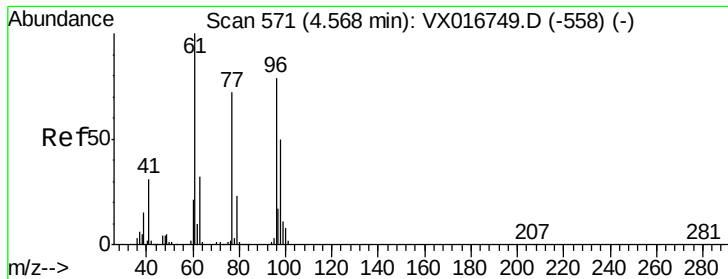
Tgt Ion: 77 Resp: 421808

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

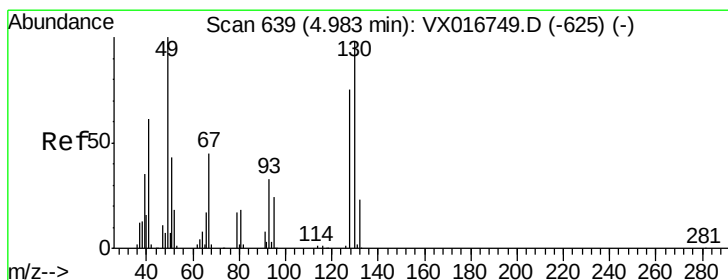
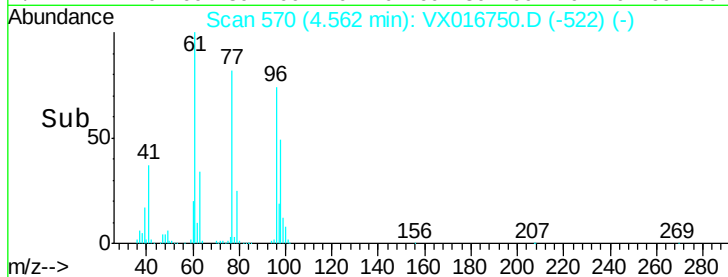
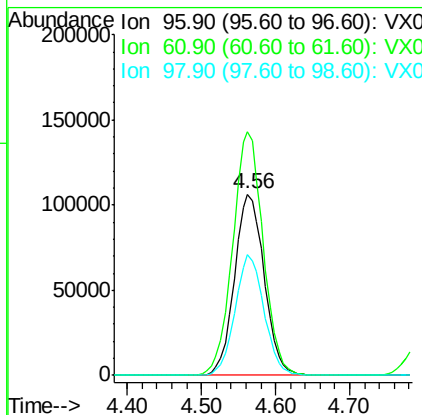
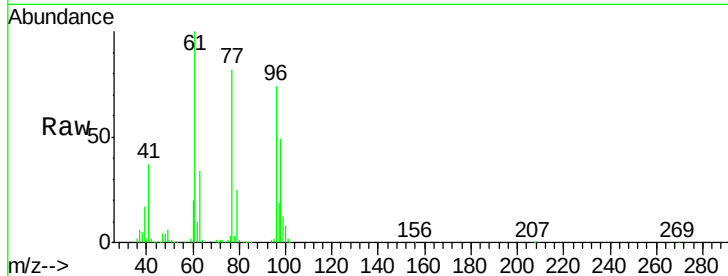
cis-1,2-Dichloroethene
Concen: 94.886 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	298010		
61	137.1	0.0	276.2	
98	64.8	0.0	130.0	

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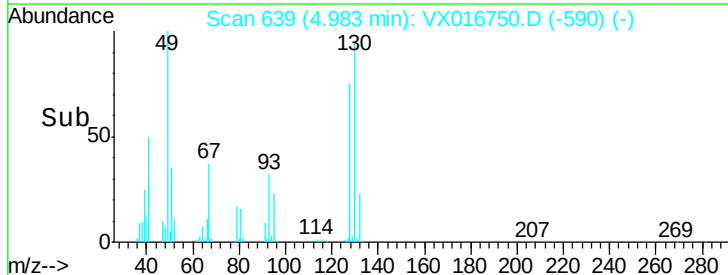
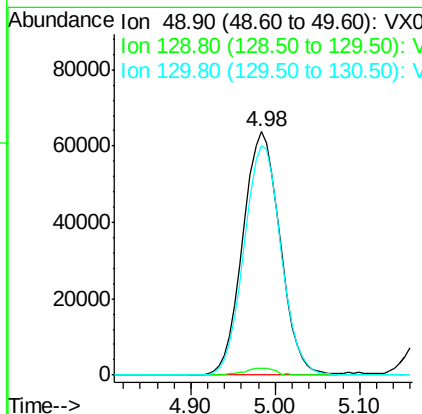
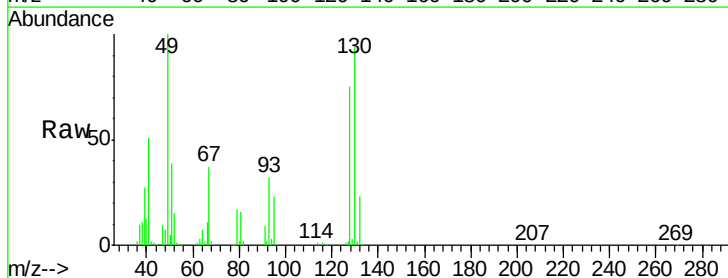
MMDadoda
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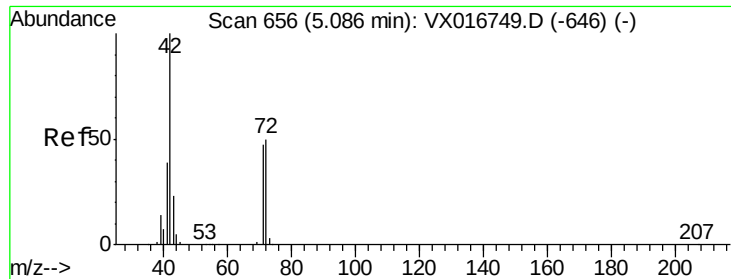


#28

Bromochloromethane
Concen: 85.459 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191788		
129	2.3	0.0	2.8	
130	93.8	76.0	114.0	





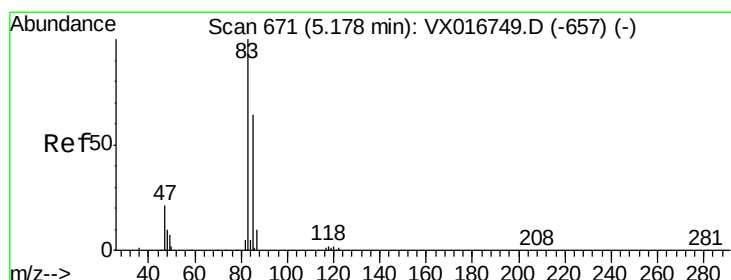
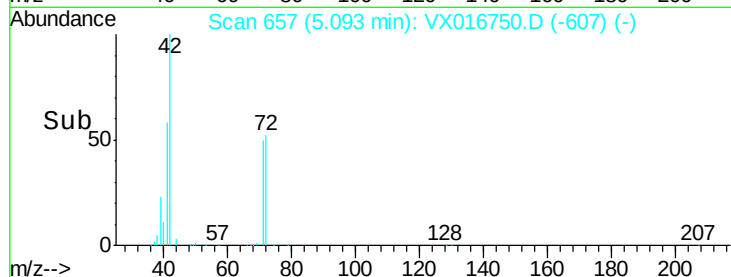
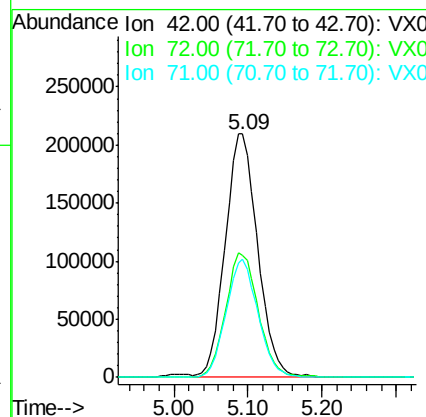
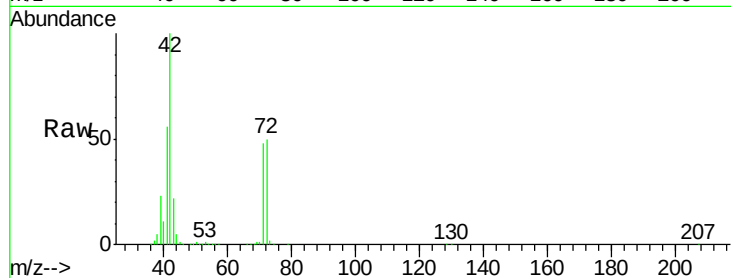
#29
Tetrahydrofuran
Concen: 430.550 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	41.0	61.6
71	47.8	38.2	57.4

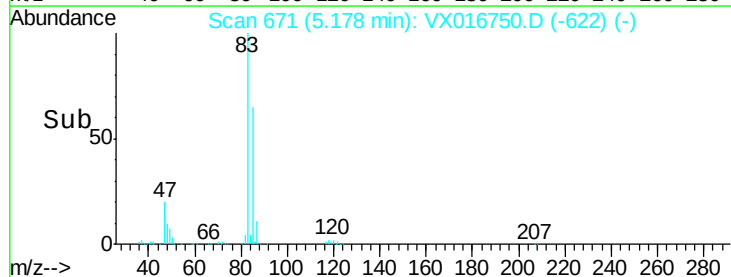
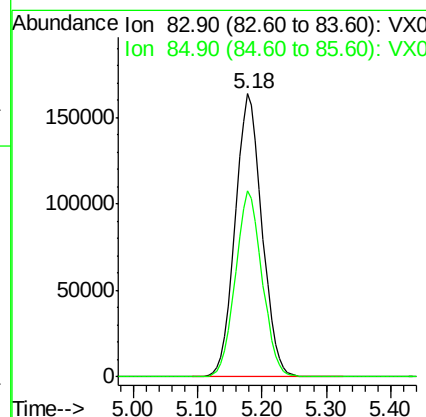
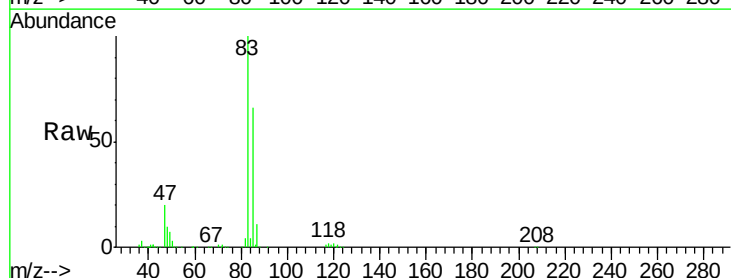
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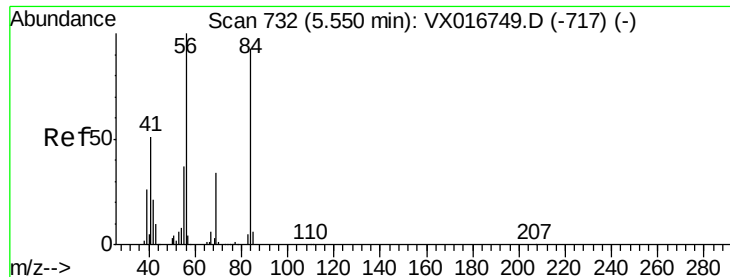
MMDadoda
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#30
Chloroform
Concen: 96.307 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2





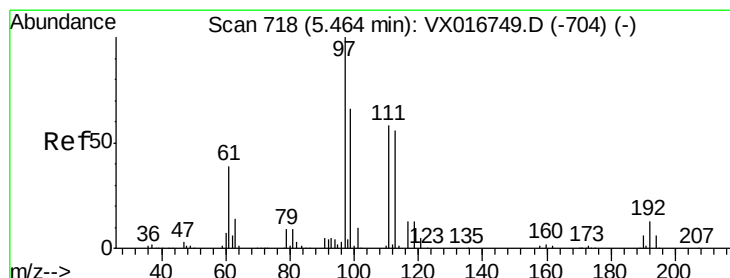
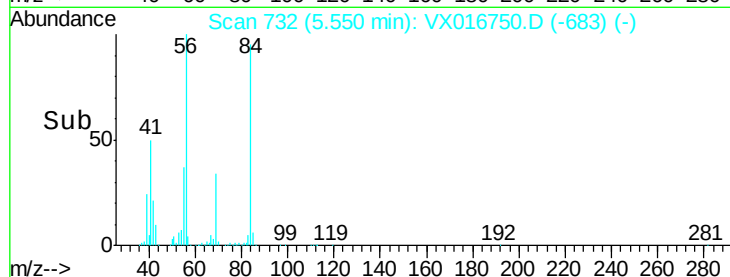
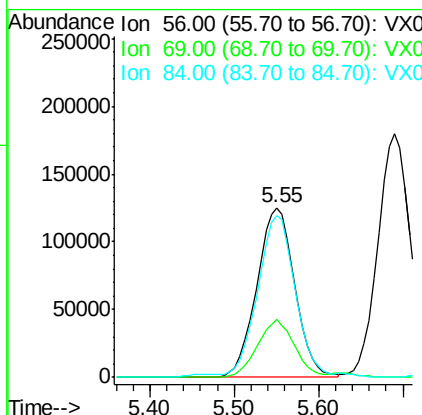
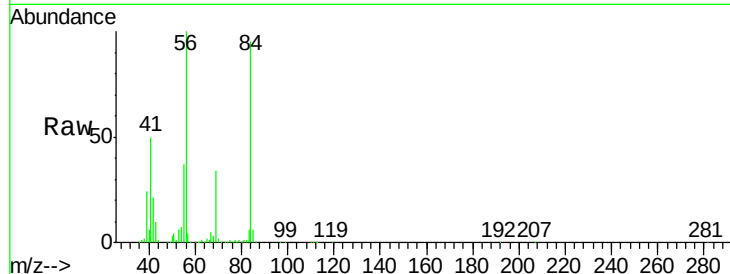
#31
Cyclohexane
Concen: 89.346 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.1	40.7
84	94.2	74.0	111.0

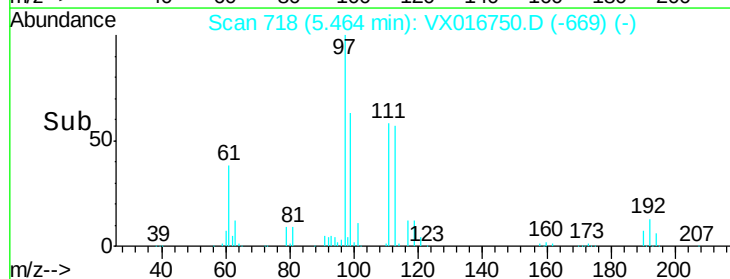
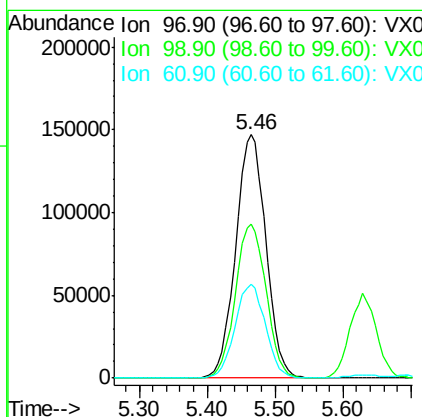
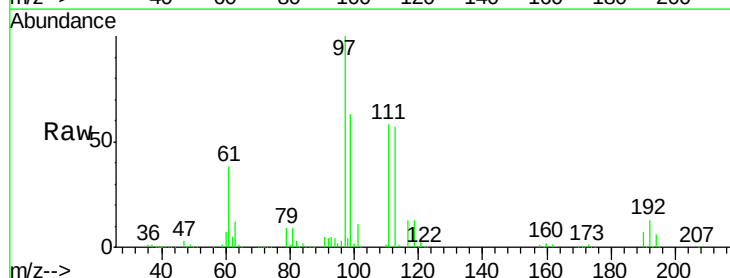
Manual Integrations
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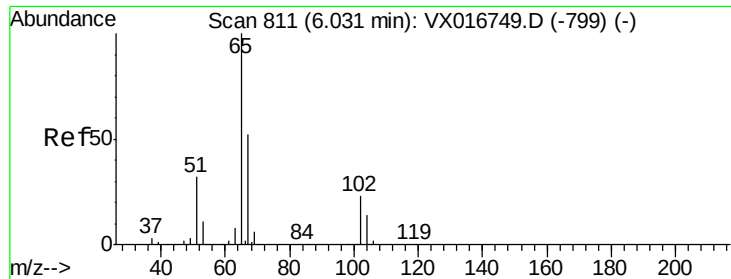
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 100.558 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	39.1	31.3	46.9





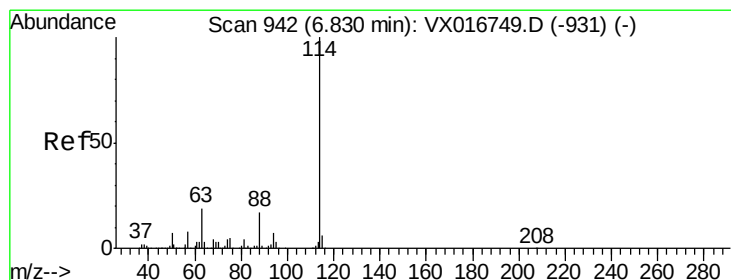
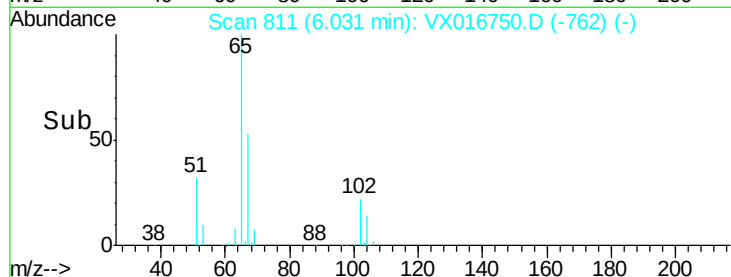
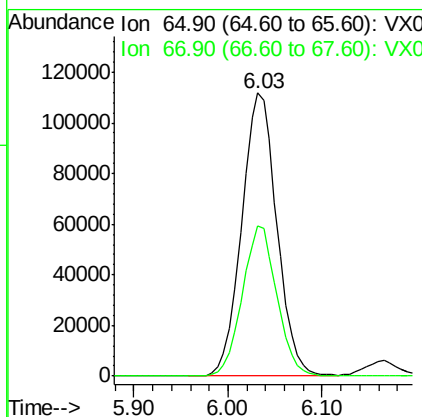
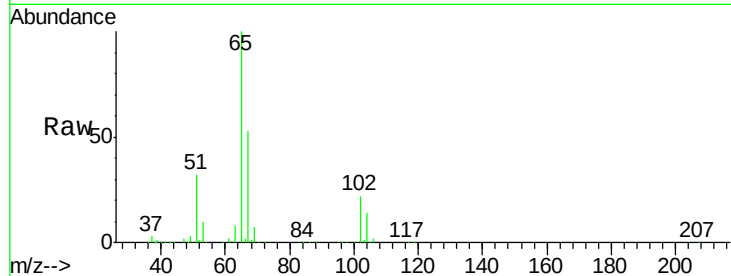
#33
 1,2-Dichloroethane-d4
 Concen: 92.725 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	292035		
67	52.2	0.0	103.0	

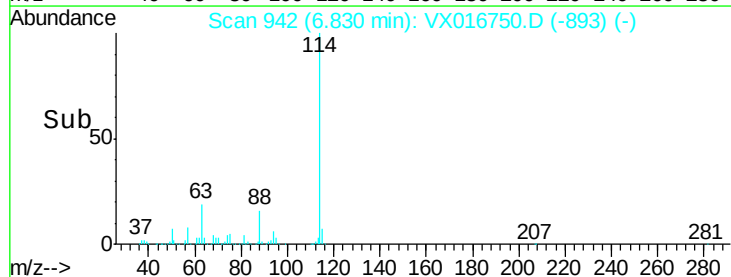
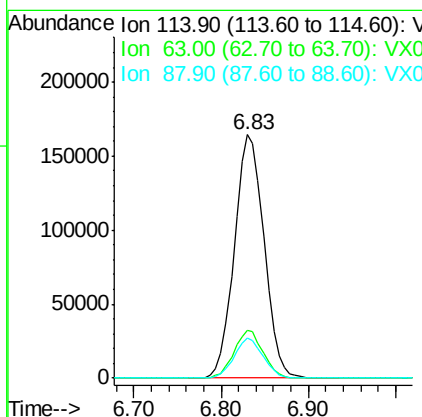
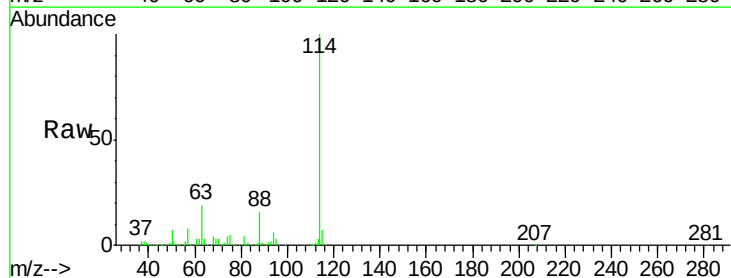
Manual Integrations
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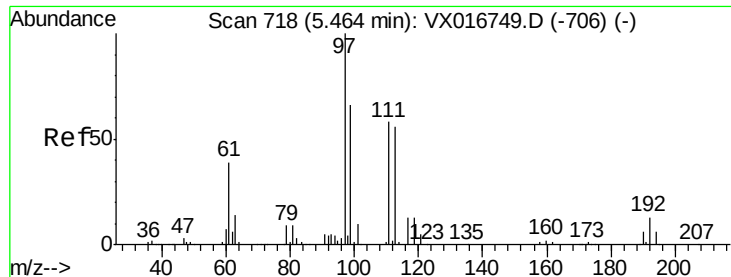
MMDadoda
 6/16/2020 3:23:12 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	387780		
63	19.4	0.0	38.8	
88	16.3	0.0	33.4	





#35

Dibromofluoromethane

Concen: 101.601 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

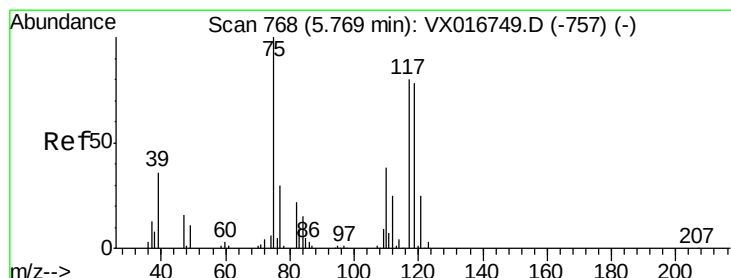
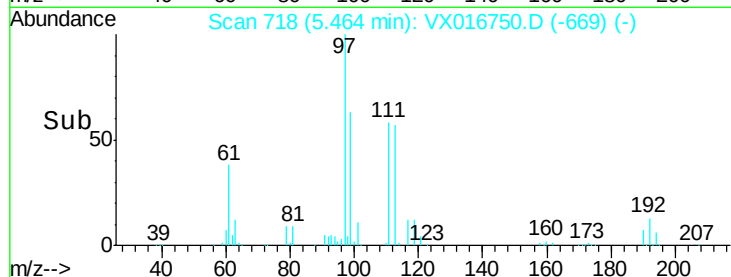
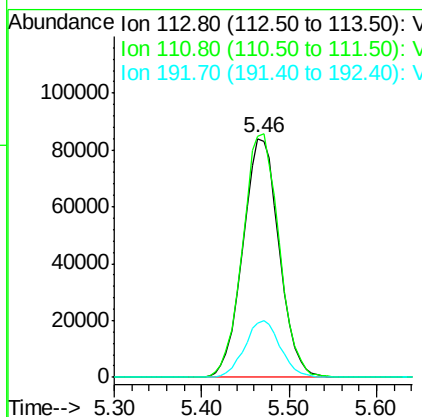
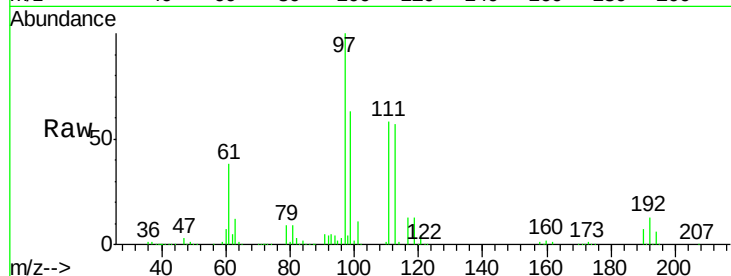
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	241910
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	23.4	18.2	27.4

Manual Integrations
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6/16/2020 3:23:12 PM



#36

1,1-Dichloropropene

Concen: 98.774 ug/l

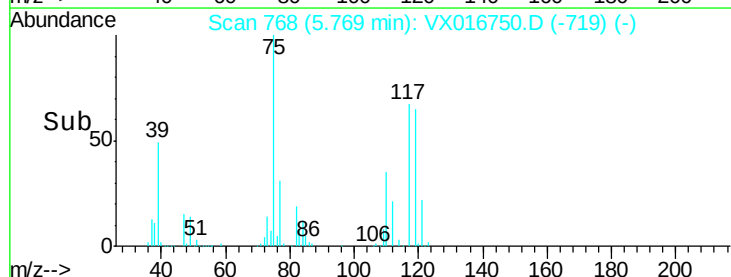
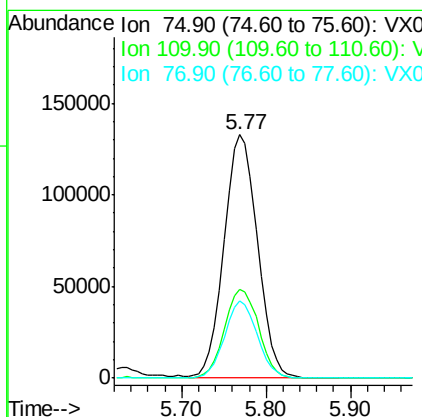
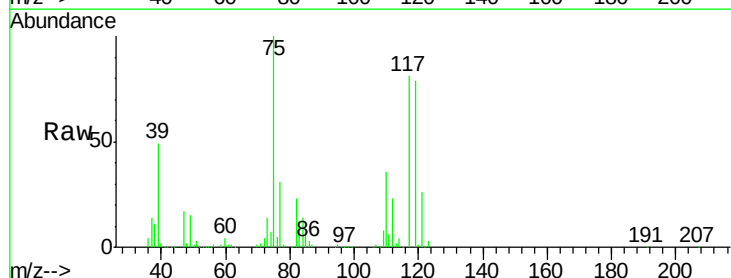
RT: 5.77 min Scan# 768

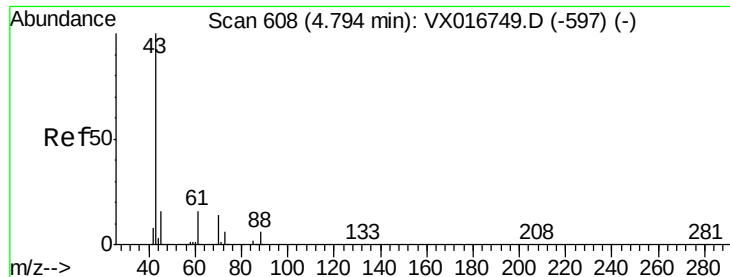
Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion:	75	Resp:	358647
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.4	55.2
77	31.2	24.7	37.1





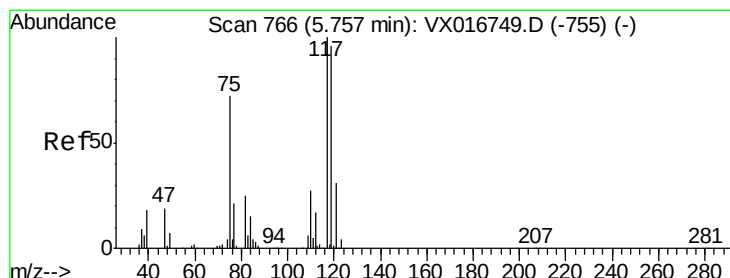
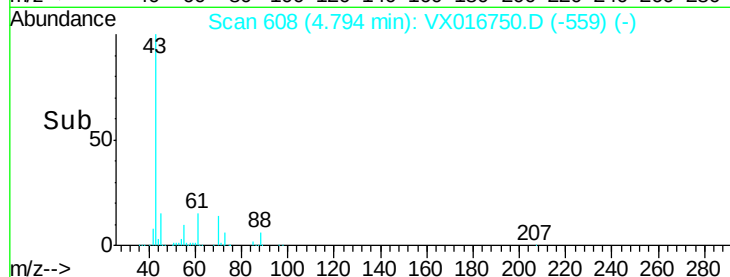
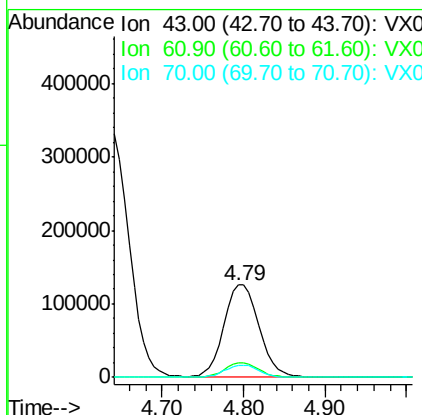
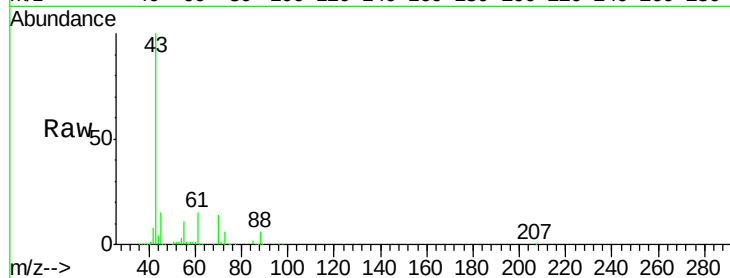
#37
Ethyl Acetate
Concen: 88.103 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	375297
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.4	18.6
70	13.1	10.8	16.2

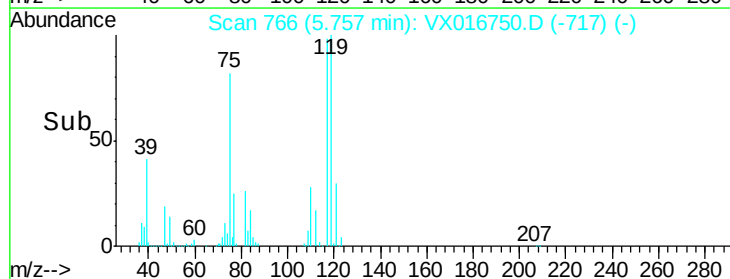
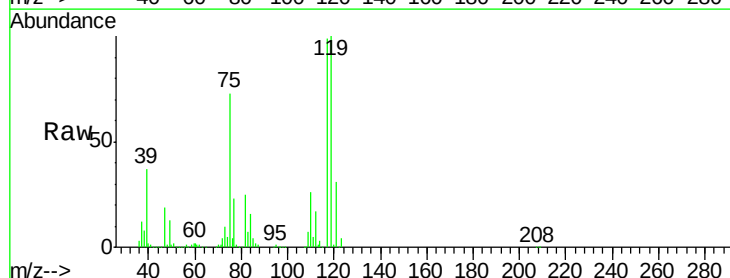
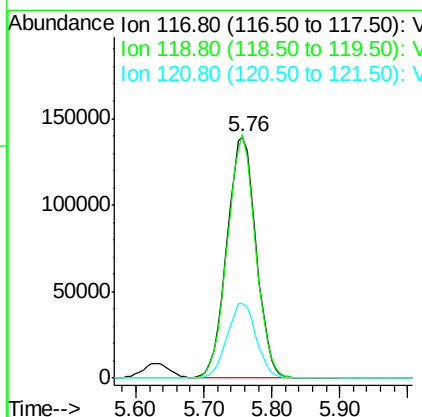
Manual Integrations
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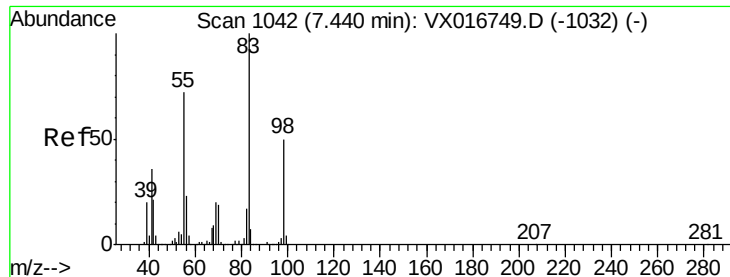
MMDadoda
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#38
Carbon Tetrachloride
Concen: 106.847 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion:	117	Resp:	413290
Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.7	115.1
121	30.9	24.7	37.1





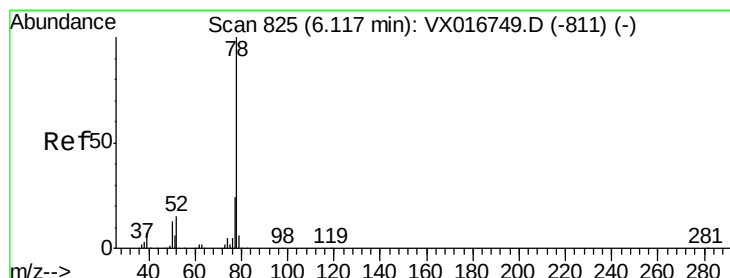
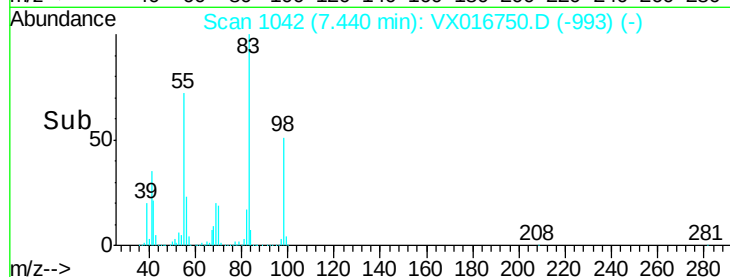
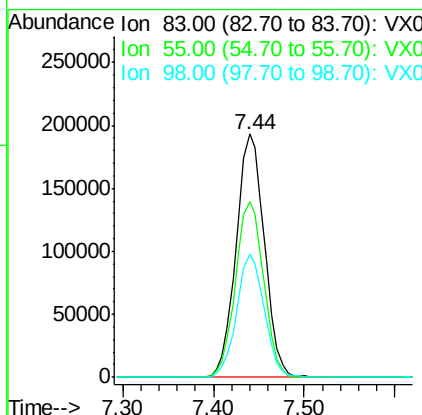
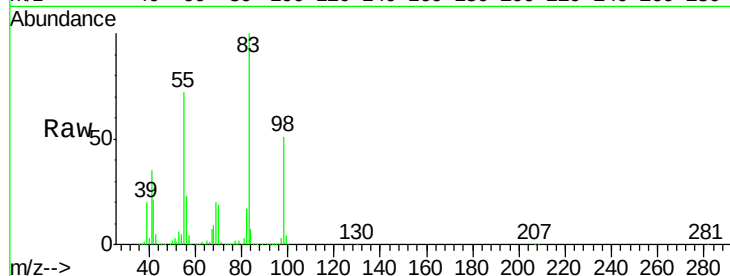
#39
Methylvlcyclohexane
Concen: 105.197 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	57.3	85.9
98	50.8	40.3	60.5

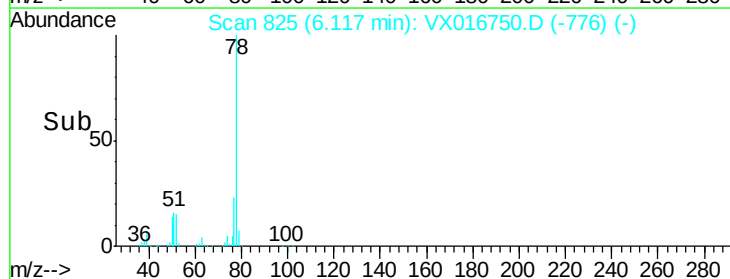
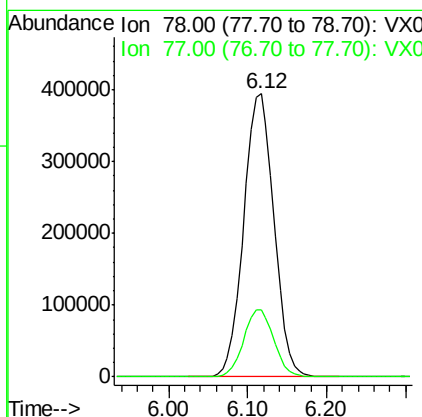
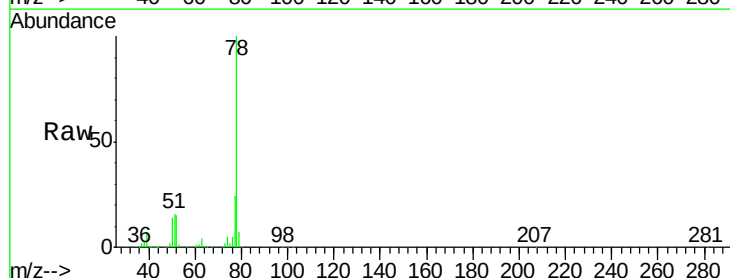
Manual Integrations
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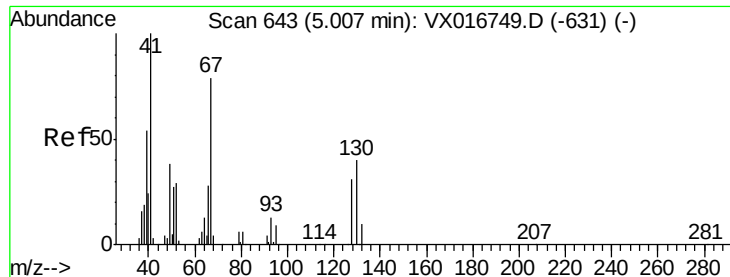
MMDadoda
6/16/2020 3:23:12 PM



#40
Benzene
Concen: 97.341 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





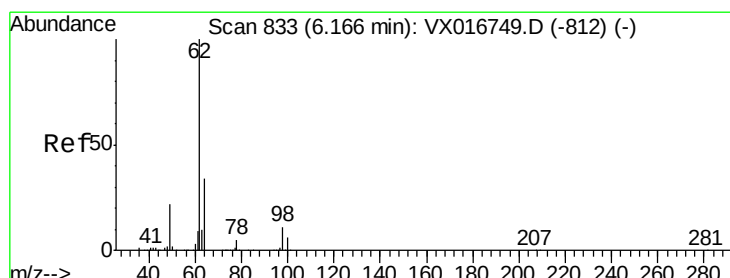
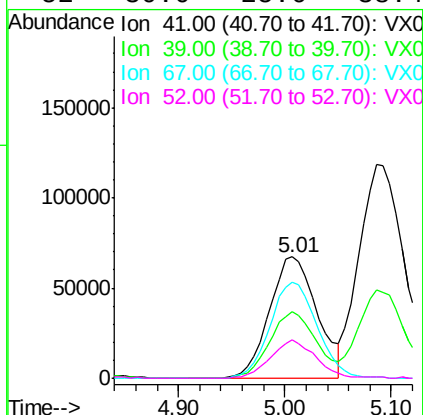
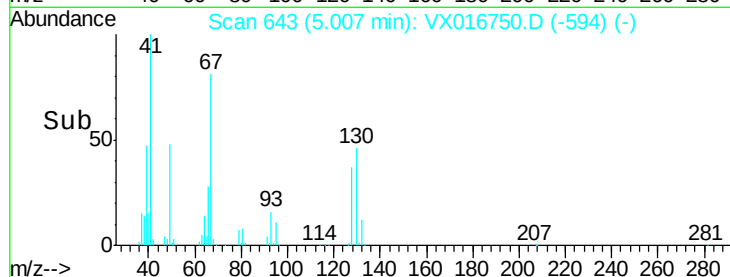
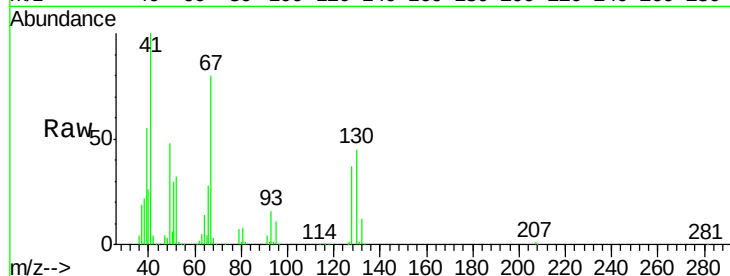
#41
Methacrylonitrile
Concen: 88.862 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	43.7	65.5	
67	78.5	64.6	96.8	
52	30.0	25.6	38.4	

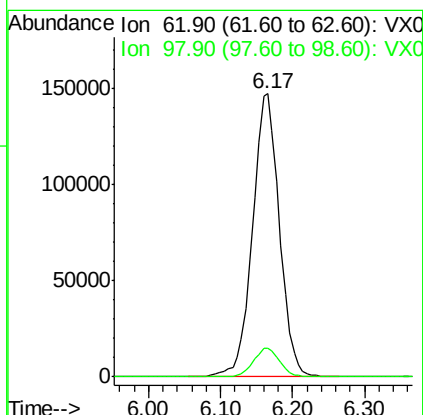
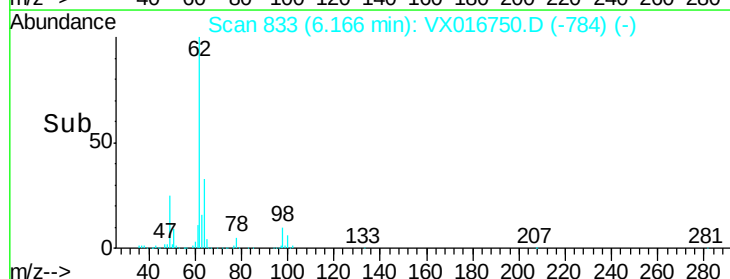
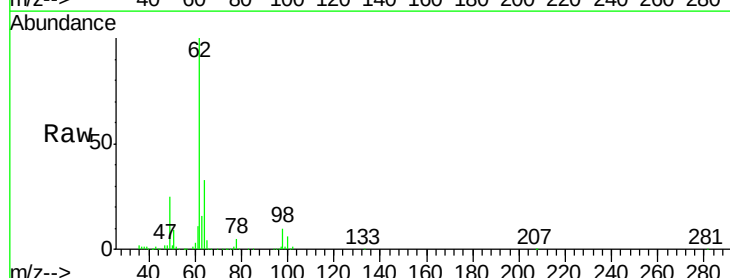
Manual Integrations
APPROVED

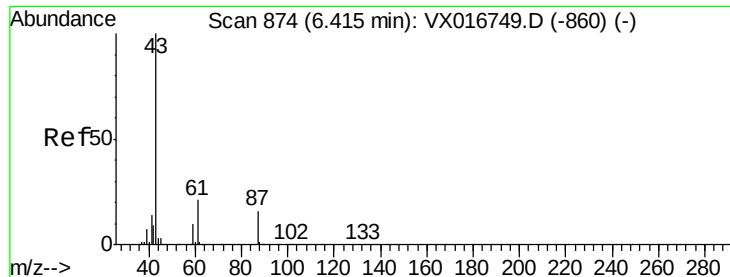
MMDadoda
6/16/2020 3:23:12 PM



#42
1,2-Dichloroethane
Concen: 99.162 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.2	





#43

Isopropyl Acetate

Concen: 91.137 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

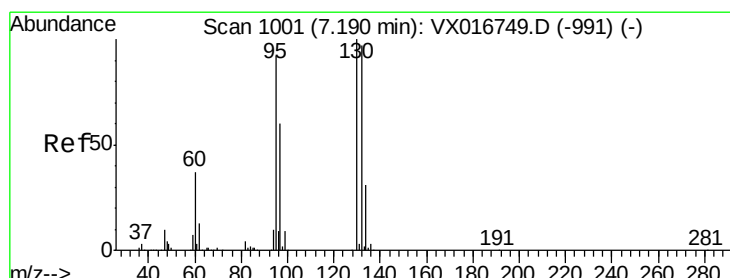
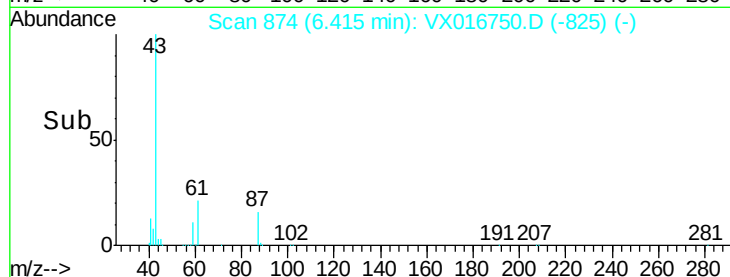
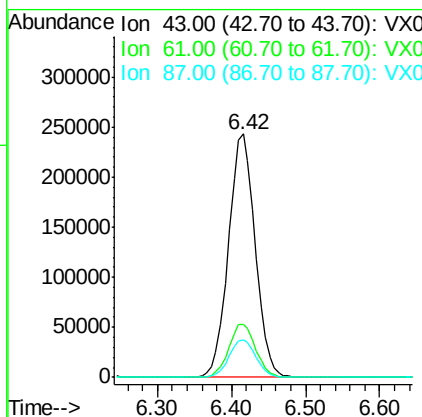
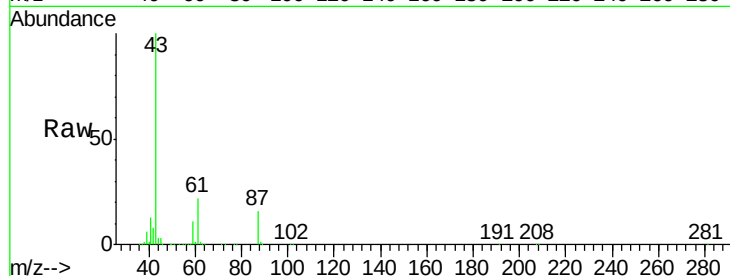
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	607164
Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.7	26.5
87	15.7	12.5	18.7

Manual Integrations
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#44

Trichloroethene

Concen: 95.650 ug/l

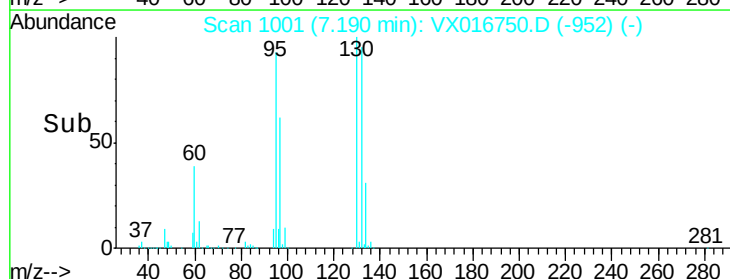
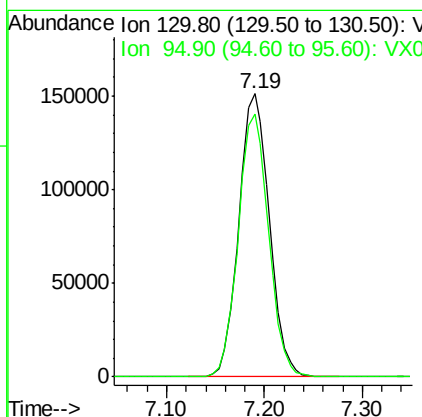
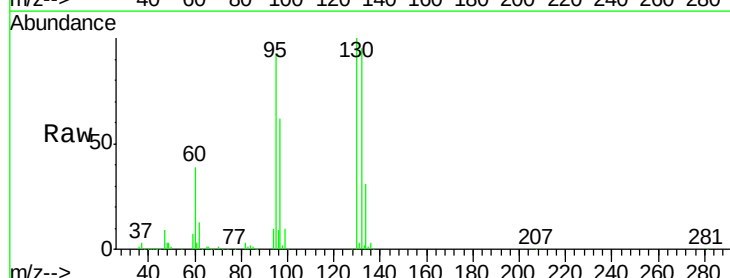
RT: 7.19 min Scan# 1001

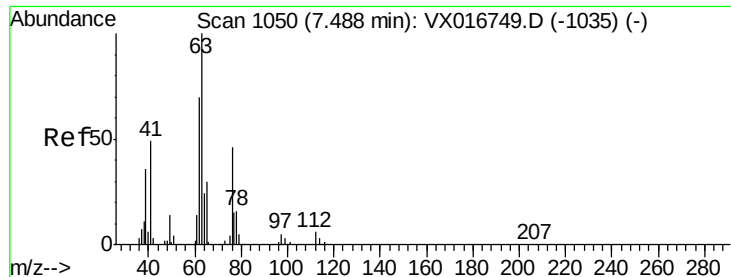
Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion:	130	Resp:	327857
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	183.6





#45

1,2-Dichloropropane

Concen: 95.981 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 262261

Ion Ratio Lower Upper

63 100

65 29.7

24.2

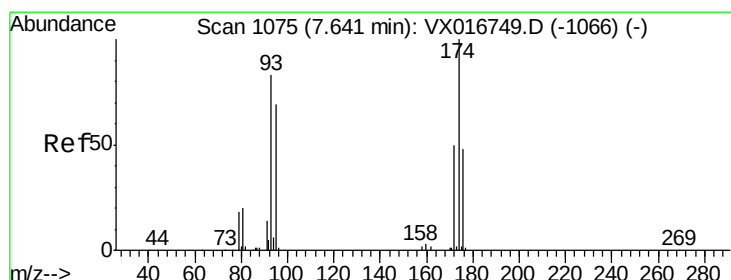
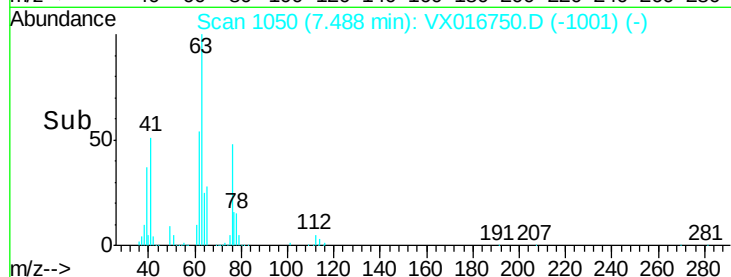
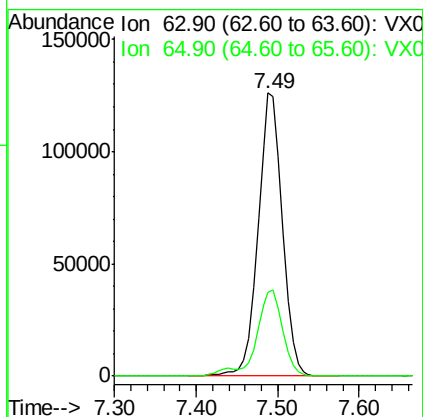
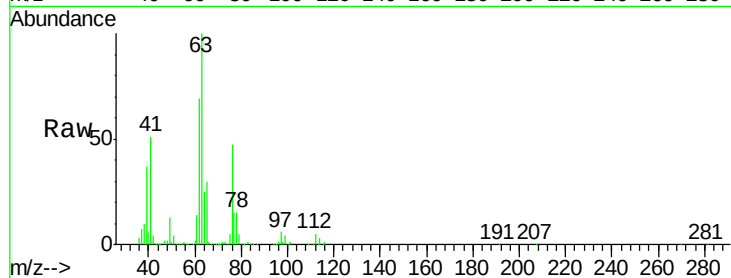
36.2

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6/16/2020 3:23:12 PM



#46

Dibromomethane

Concen: 101.945 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion: 93 Resp: 189002

Ion Ratio Lower Upper

93 100

95 81.6

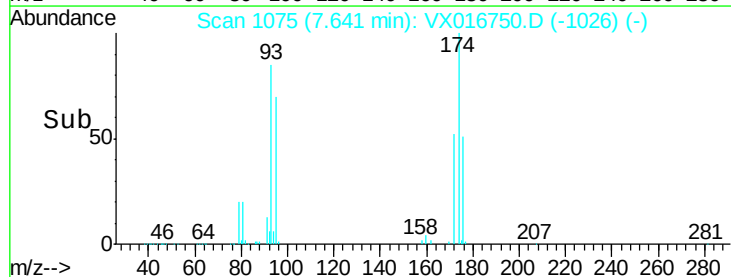
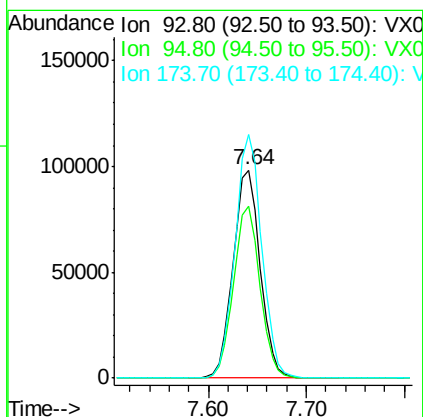
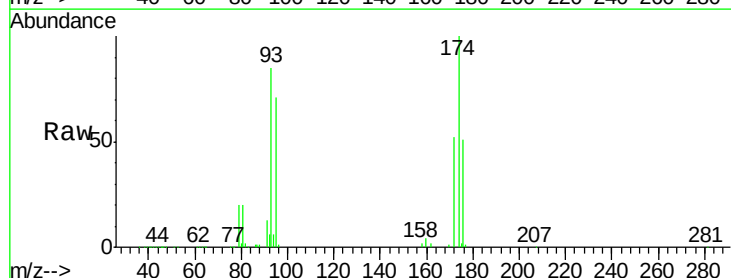
66.9

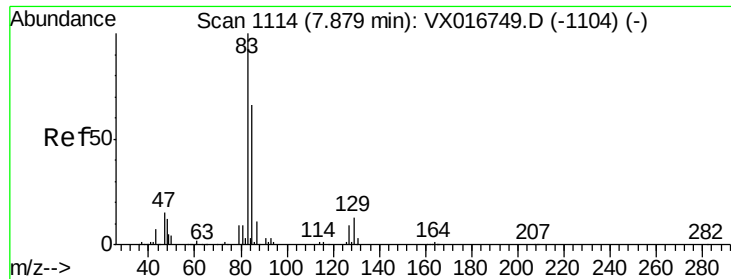
100.3

174 116.4

93.8

140.8





#47

Bromodichloromethane

Concen: 102.716 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

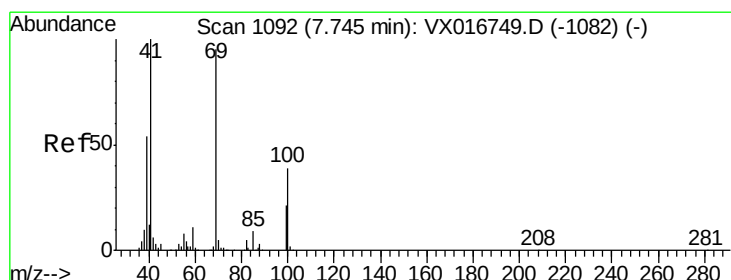
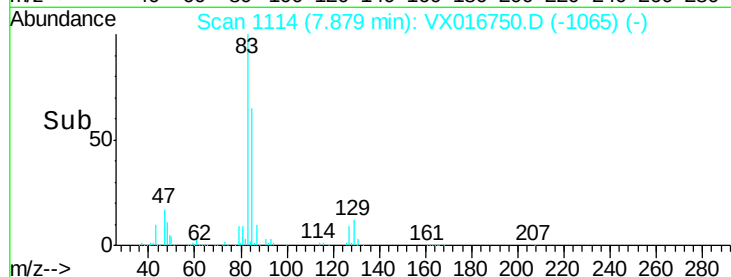
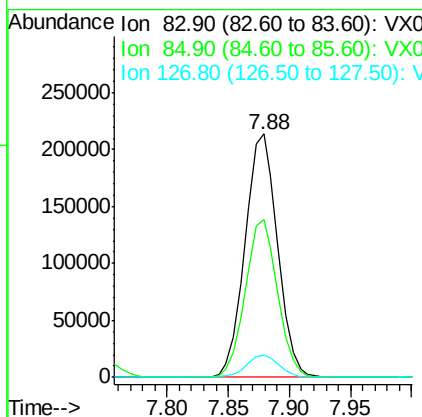
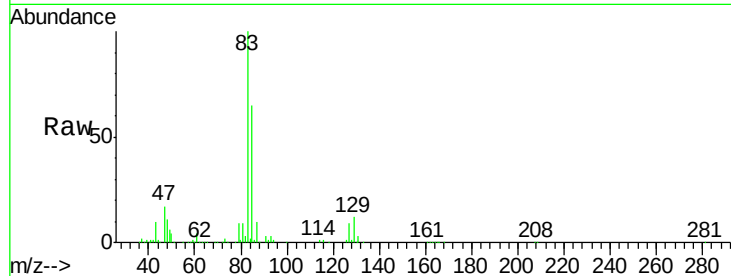
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	394671
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.5	78.7
127	9.3	7.5	11.3

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6/16/2020 3:23:12 PM



#48

Methyl methacrylate

Concen: 92.770 ug/l

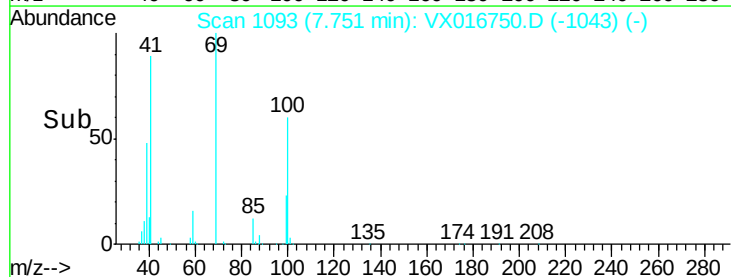
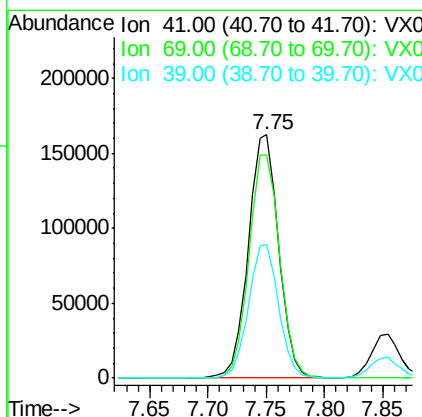
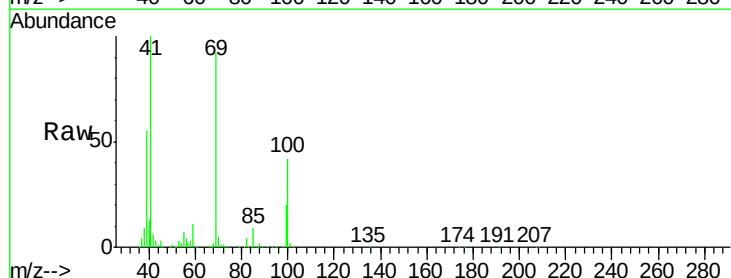
RT: 7.75 min Scan# 1093

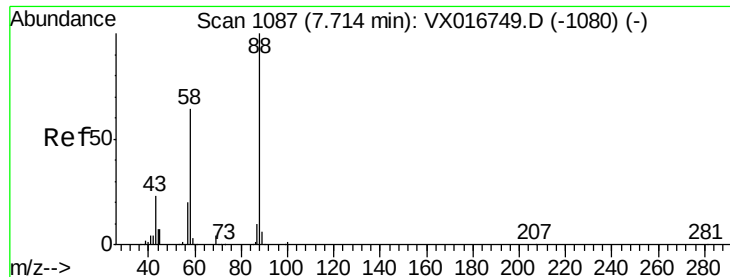
Delta R.T. 0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion:	41	Resp:	295323
Ion Ratio	Lower	Upper	
41	100		
69	93.4	75.0	112.6
39	54.7	44.3	66.5





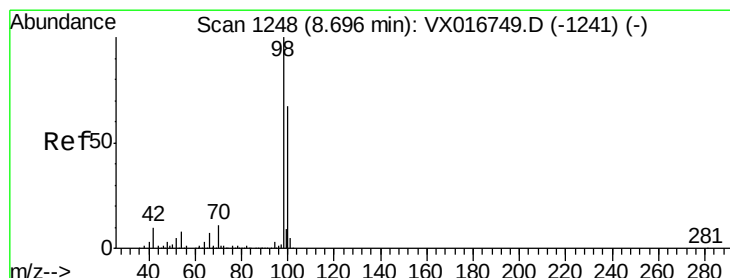
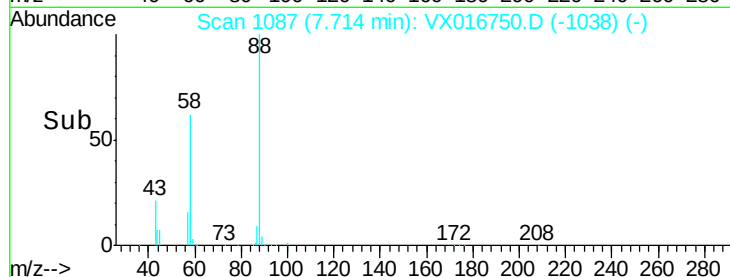
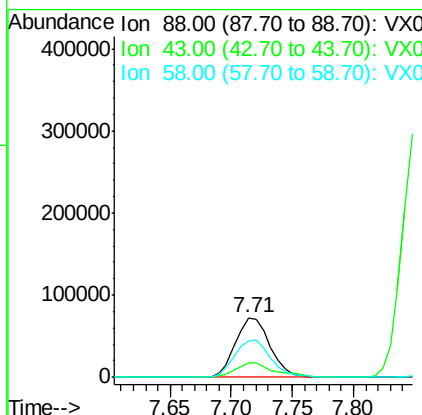
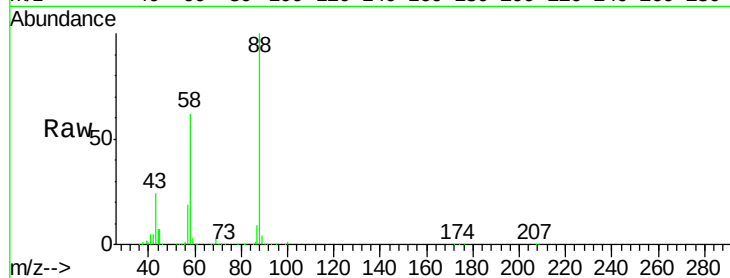
#49
1,4-Dioxane
Concen: 1899.776 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.9	34.3
58	65.8	53.7	80.5

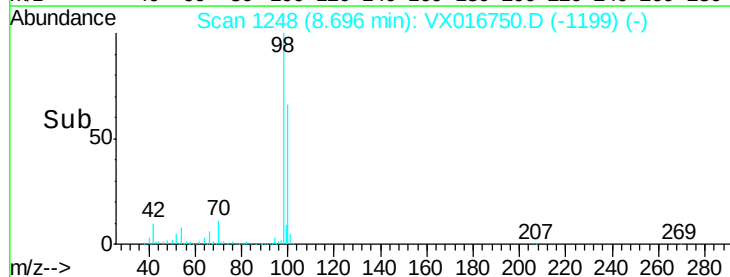
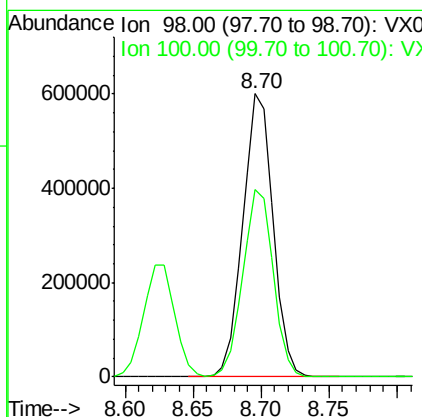
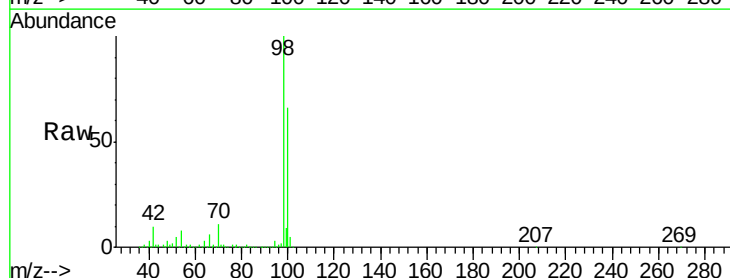
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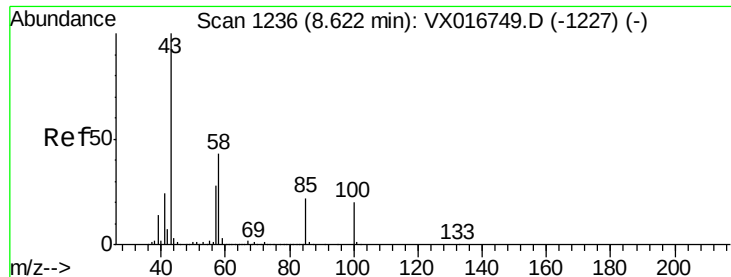
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6/16/2020 3:23:12 PM



#50
Toluene-d8
Concen: 101.204 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 455.071 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1883085

Ion Ratio Lower Upper

43 100

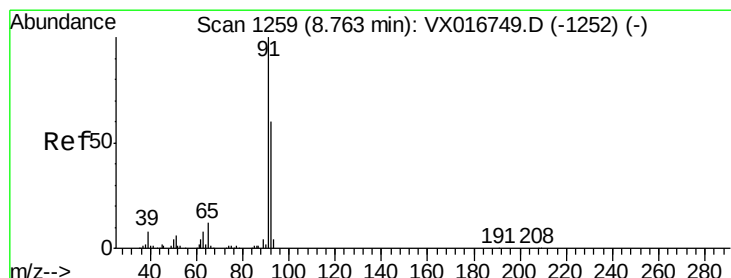
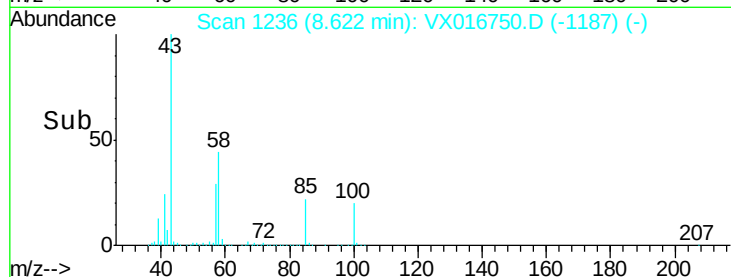
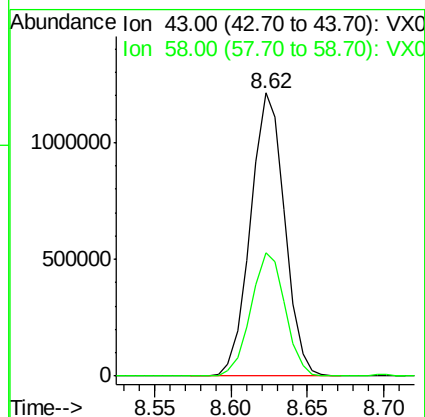
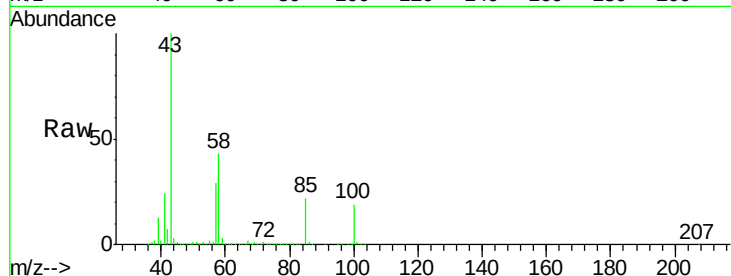
58 43.7 34.6 52.0

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6/16/2020 3:23:12 PM



#52

Toluene

Concen: 102.288 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016750.D

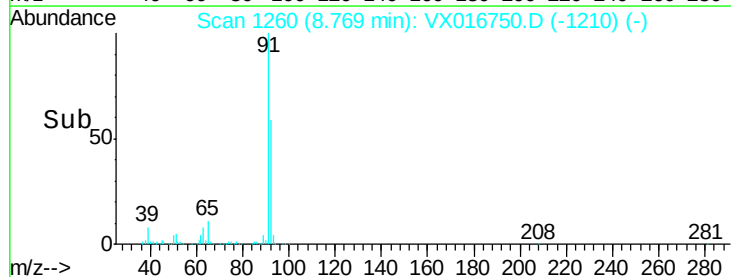
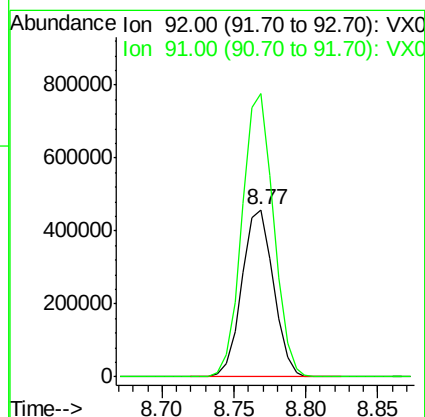
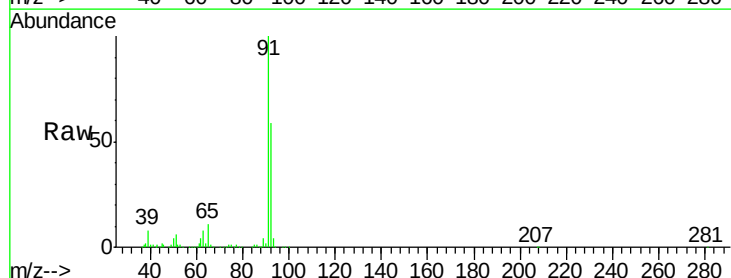
Acq: 15 Jun 2020 12:40

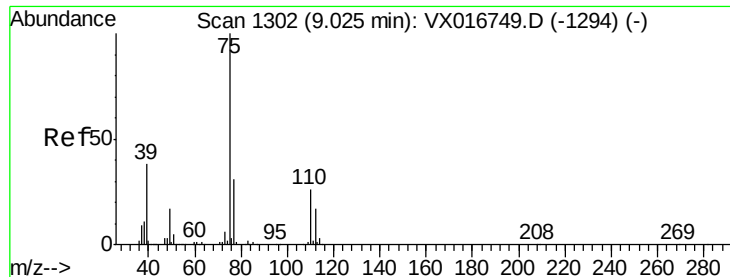
Tgt Ion: 92 Resp: 699216

Ion Ratio Lower Upper

92 100

91 168.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 105.609 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 461430

Ion Ratio Lower Upper

75 100

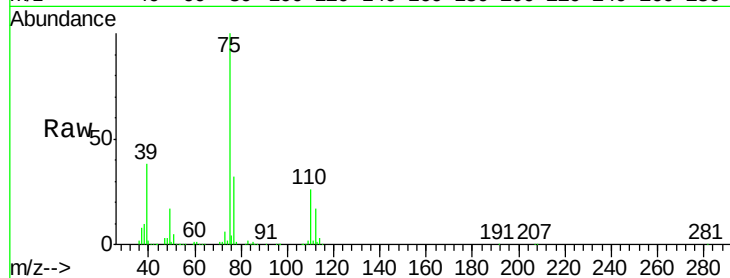
77 31.5 24.7 37.1

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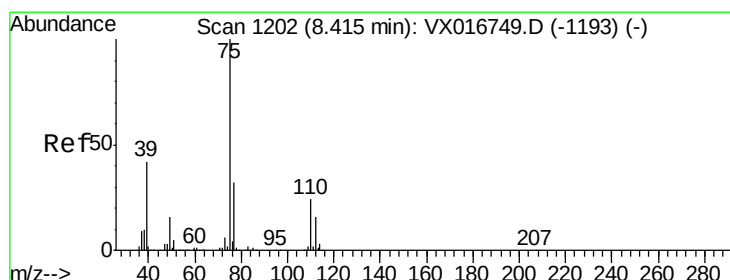
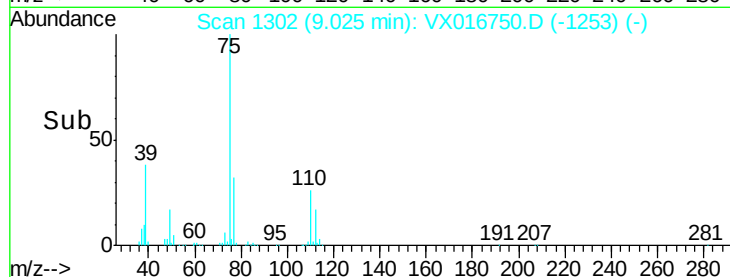
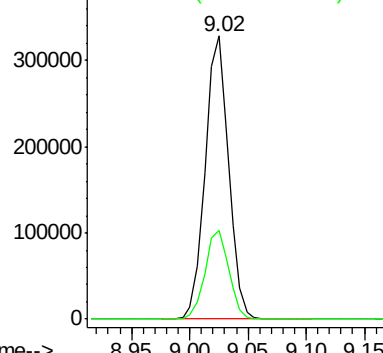
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6/16/2020 3:23:12 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 103.103 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

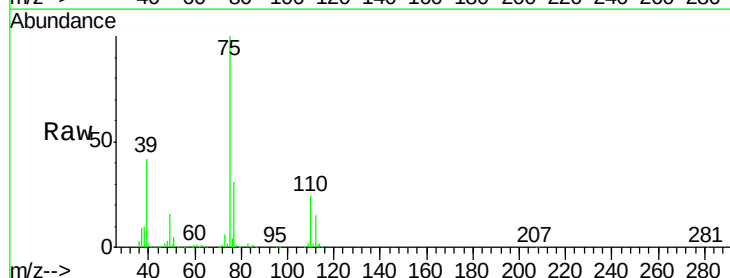
Tgt Ion: 75 Resp: 475021

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

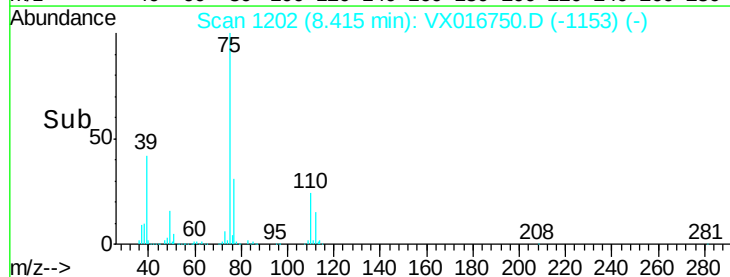
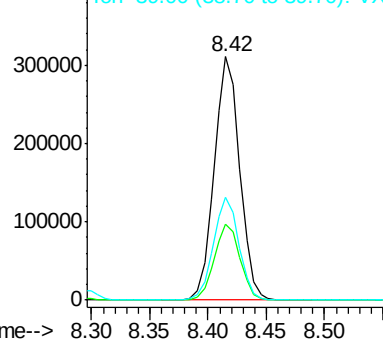
39 42.0 33.7 50.5

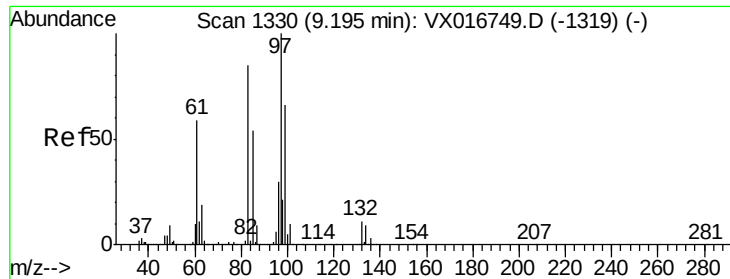


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





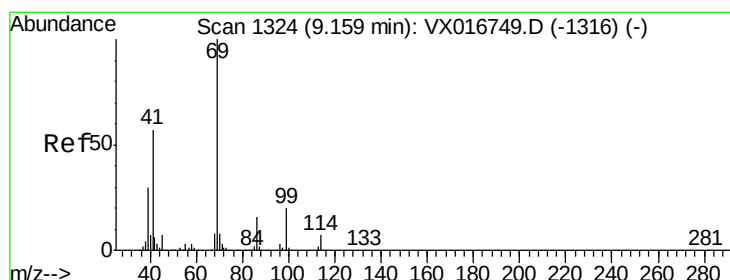
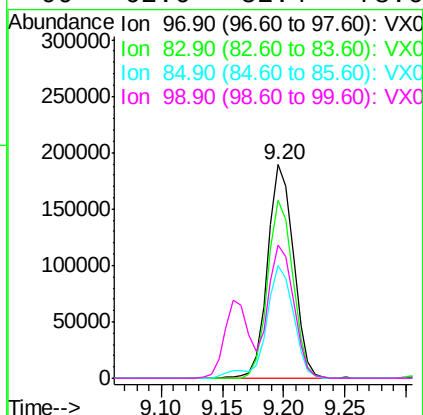
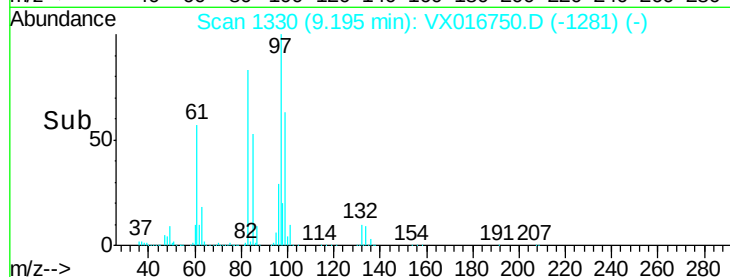
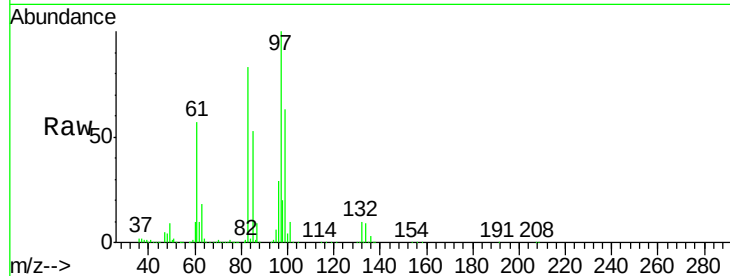
#55
 1,1,2-Trichloroethane
 Concen: 102.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		279593		
83	83.0	68.3	102.5		
85	52.8	43.5	65.3		
99	62.6	52.4	78.6		

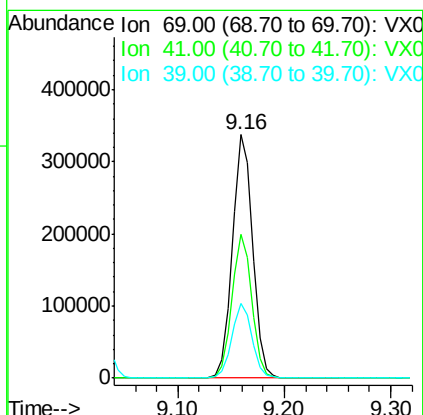
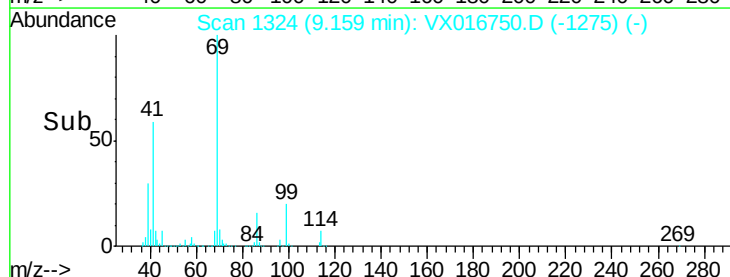
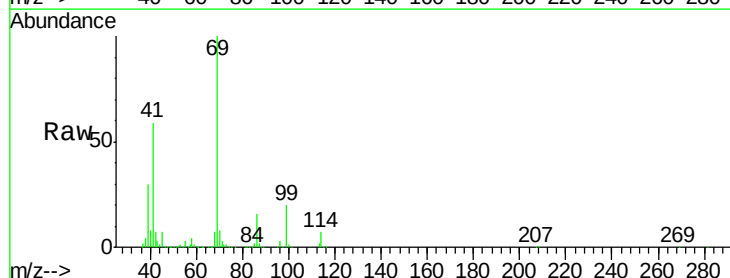
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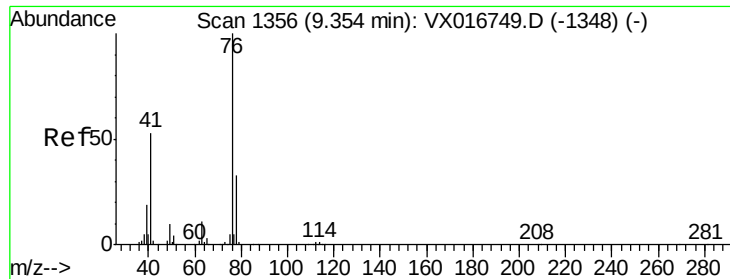
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#56
 Ethyl methacrylate
 Concen: 102.861 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		450367		
41	58.2	47.1	70.7		
39	30.7	25.0	37.6		





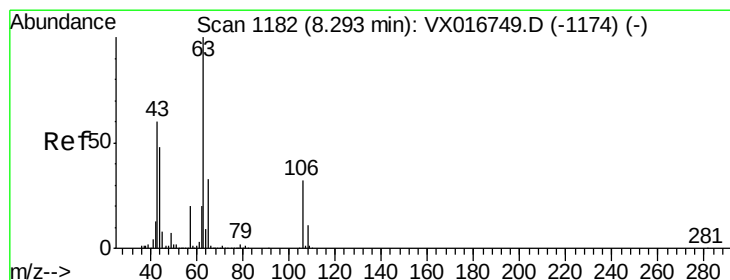
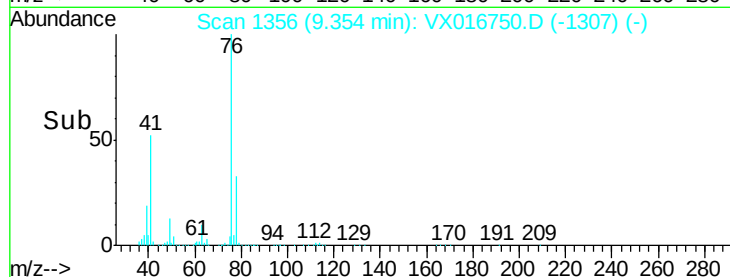
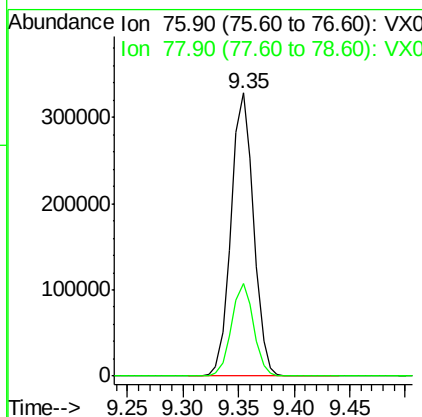
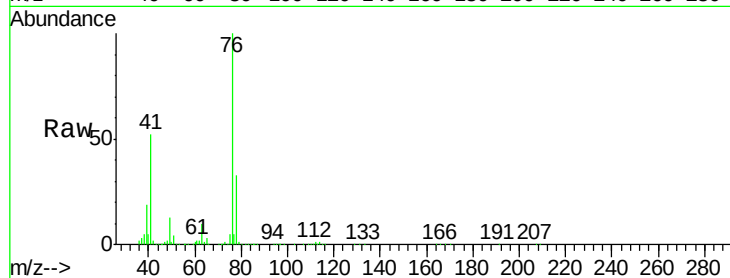
#57
 1,3-Dichloropropane
 Concen: 99.120 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

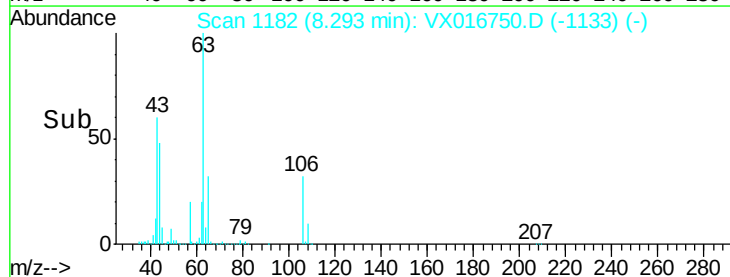
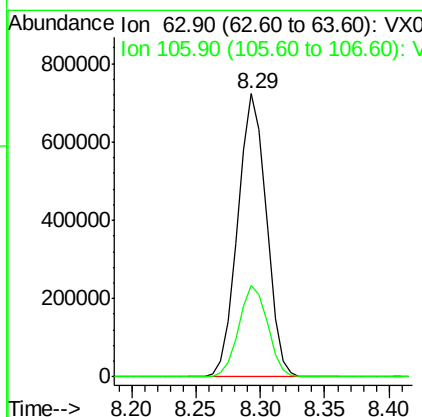
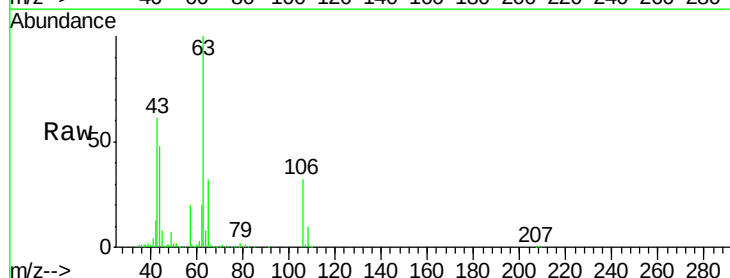
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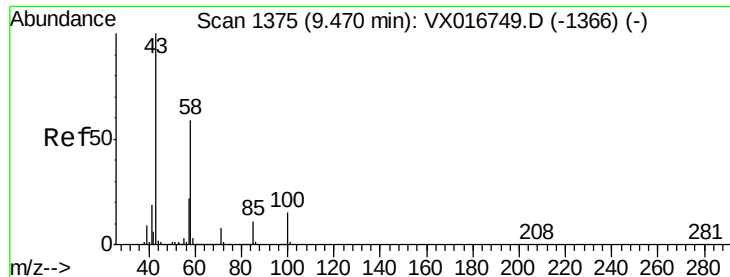
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 6/16/2020 3:23:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 489.212 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.5	38.3





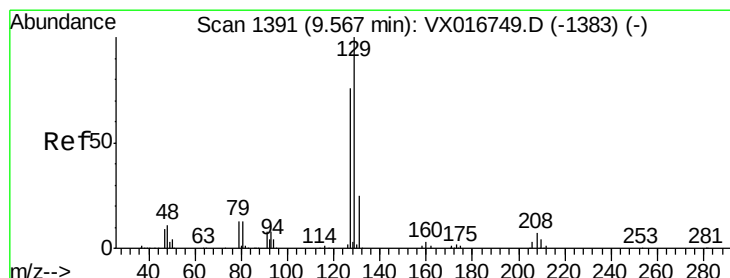
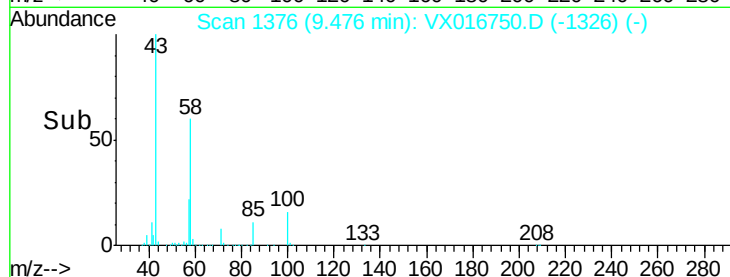
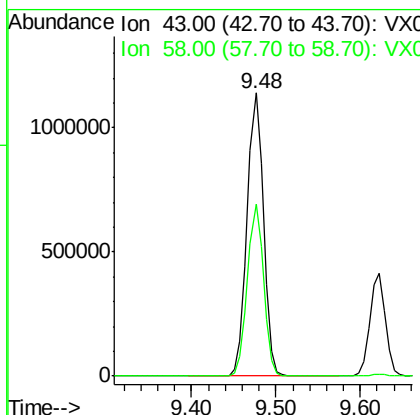
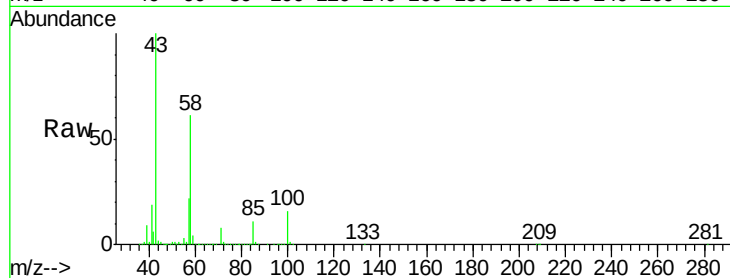
#59
2-Hexanone
Concen: 458.074 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1472190
Ion Ratio Lower Upper
43 100
58 60.1 29.9 89.8

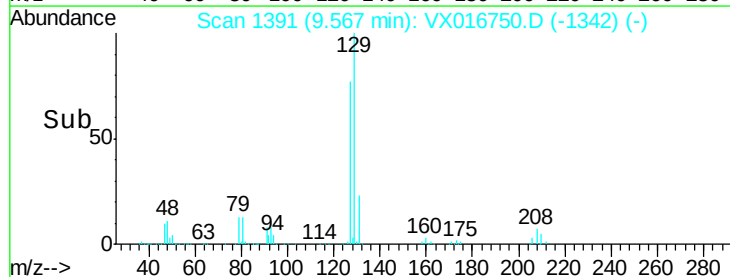
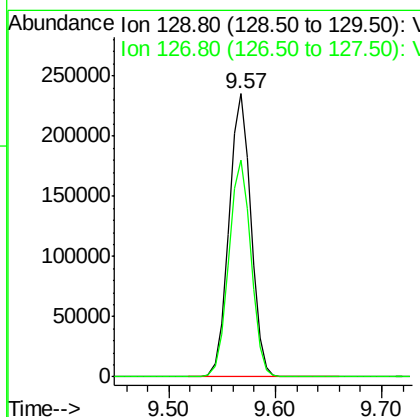
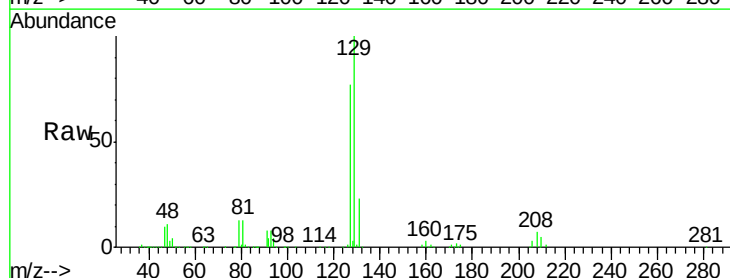
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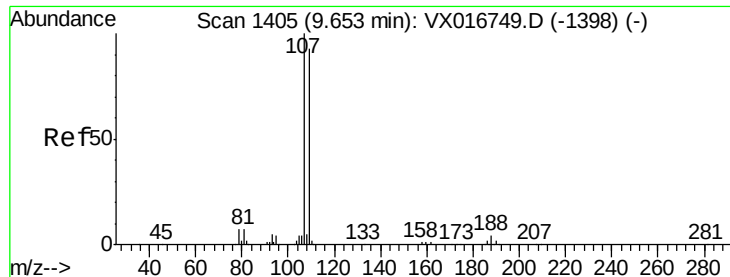
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#60
Dibromochloromethane
Concen: 110.413 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 129 Resp: 341336
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 104.437 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 305868

Ion Ratio Lower Upper

107 100

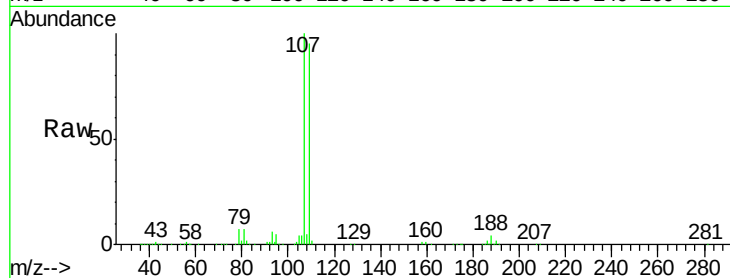
109 94.8 74.2 111.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

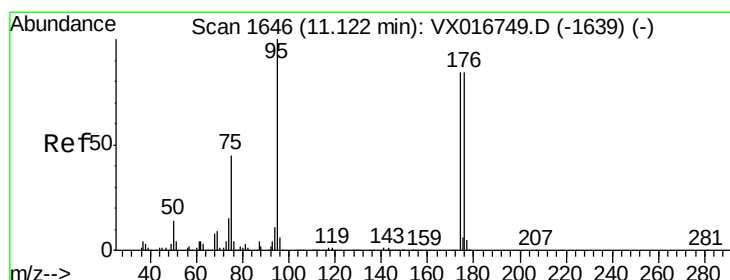
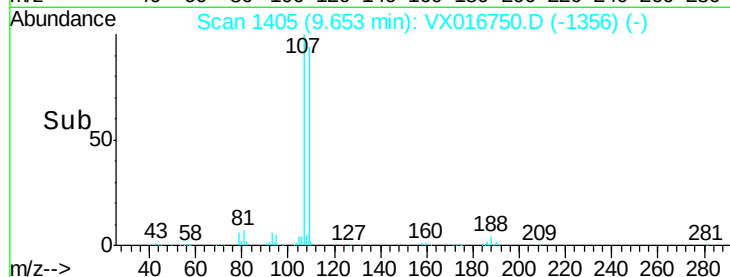
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 100.187 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

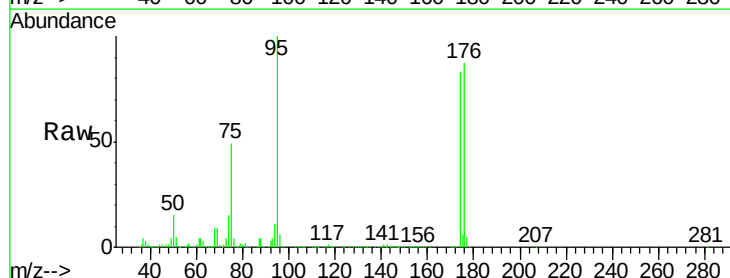
Tgt Ion: 95 Resp: 356425

Ion Ratio Lower Upper

95 100

174 85.0 0.0 171.0

176 84.5 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

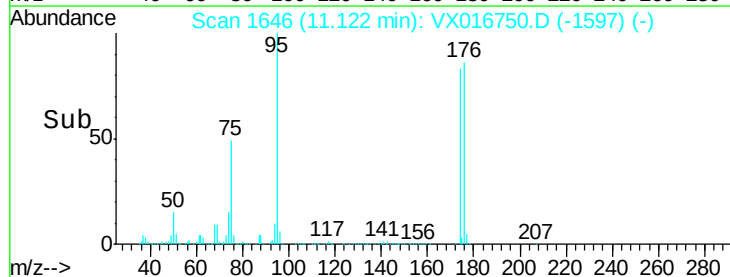
300000

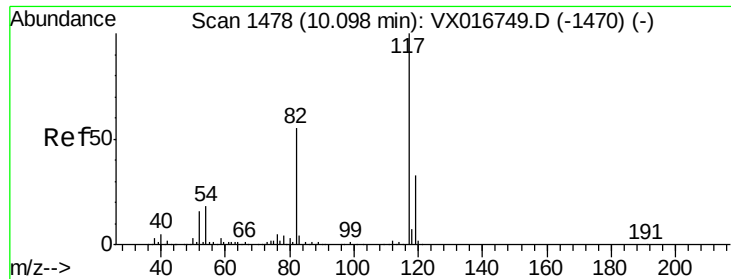
200000

100000

0

Time-->





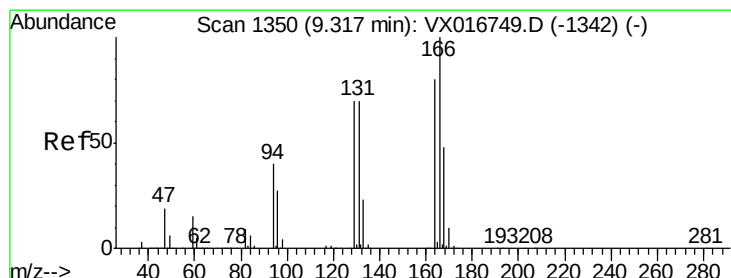
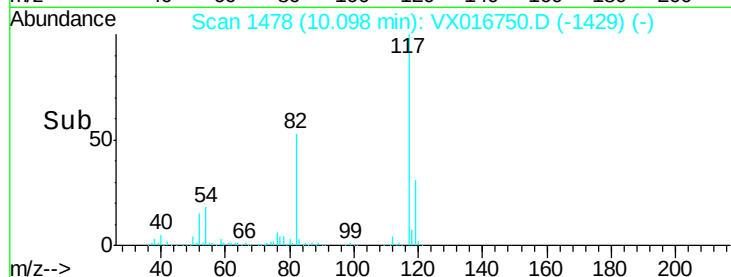
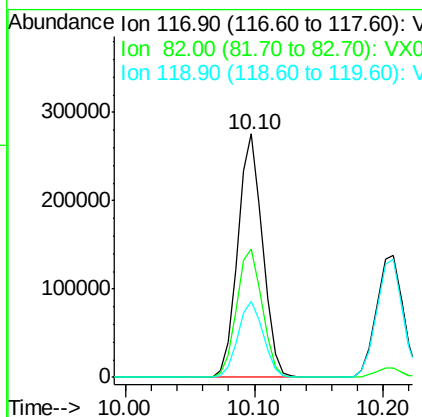
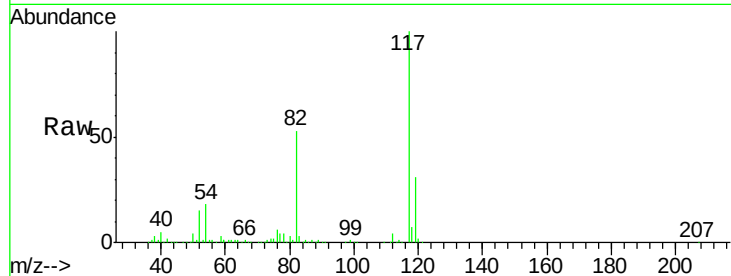
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.8	65.6
119	31.3	26.2	39.4

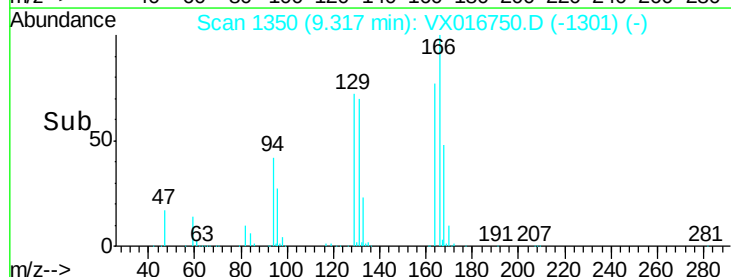
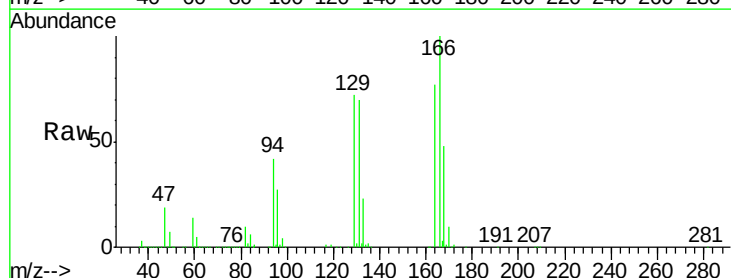
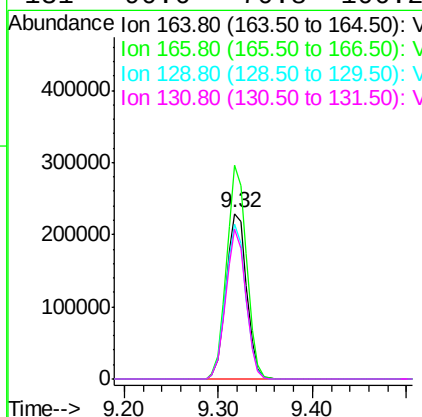
Manual Integrations
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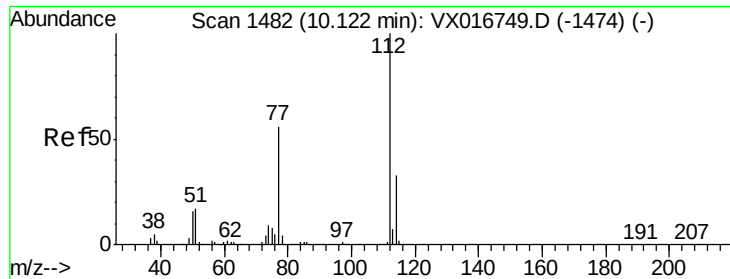
MMDadoda
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#64
Tetrachloroethene
Concen: 86.506 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.6	150.8
129	93.8	70.1	105.1
131	90.6	70.8	106.2





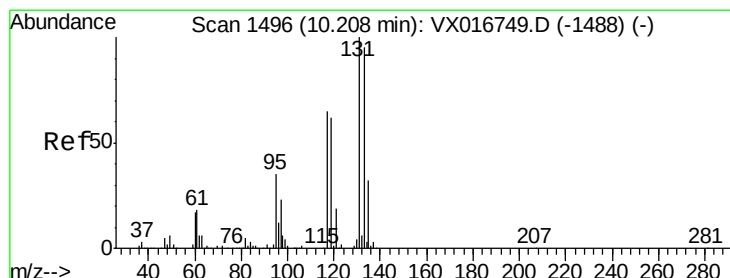
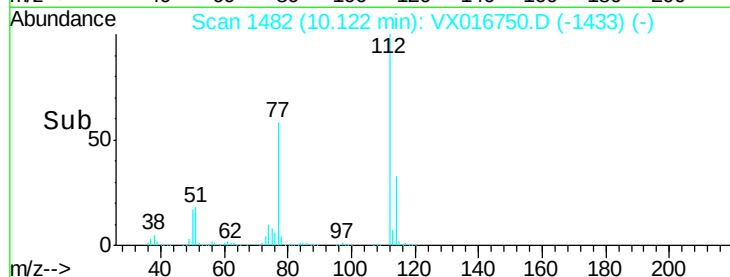
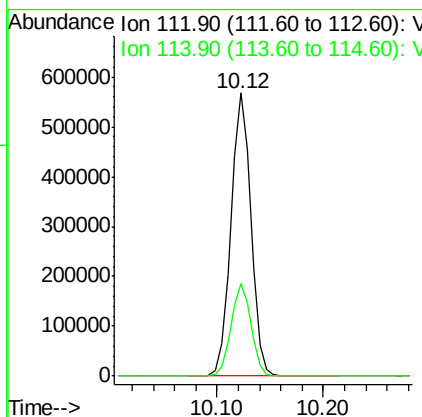
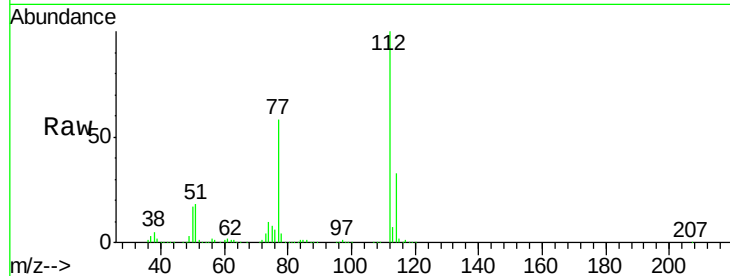
#65
Chlorobenzene
Concen: 101.165 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.2	39.4

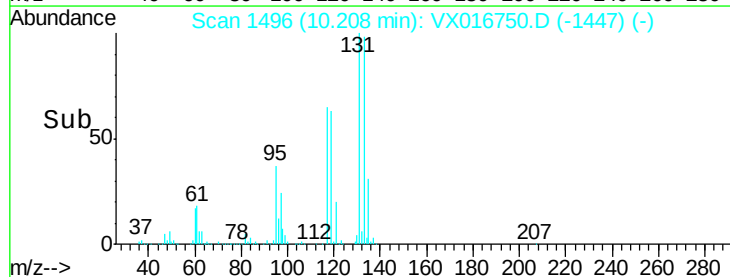
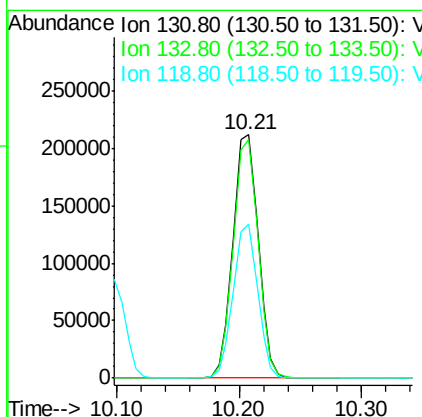
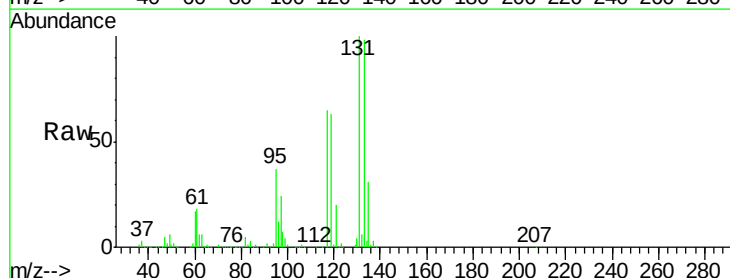
Manual Integrations
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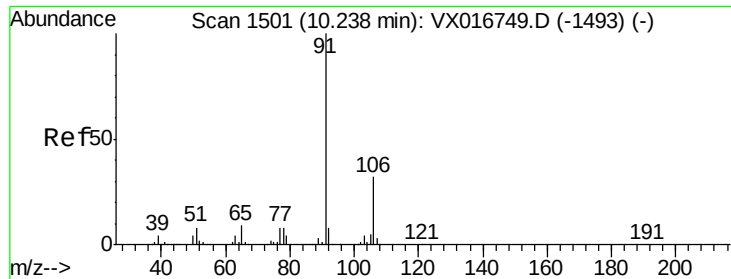
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#66
1,1,1,2-Tetrachloroethane
Concen: 106.044 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	46.8	140.3
119	61.6	31.4	94.0





#67

Ethyl Benzene

Concen: 101.430 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1329018

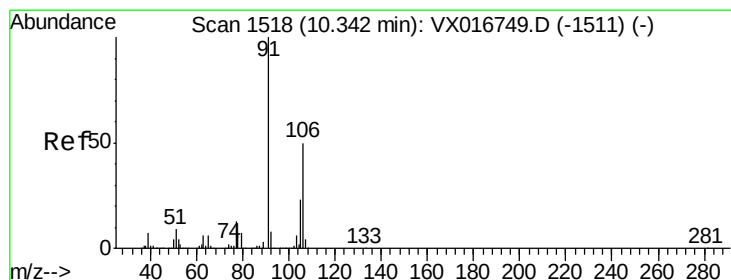
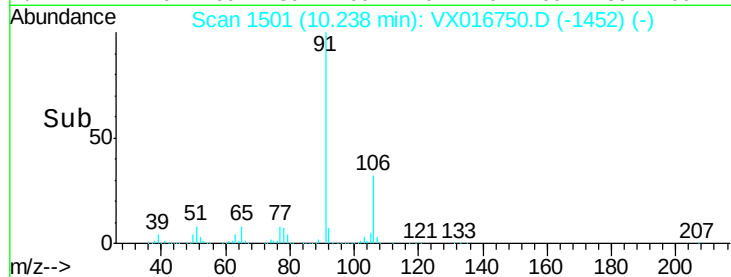
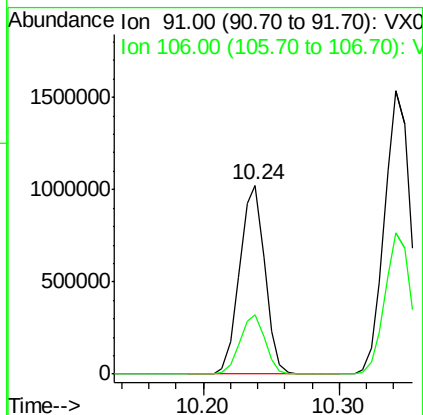
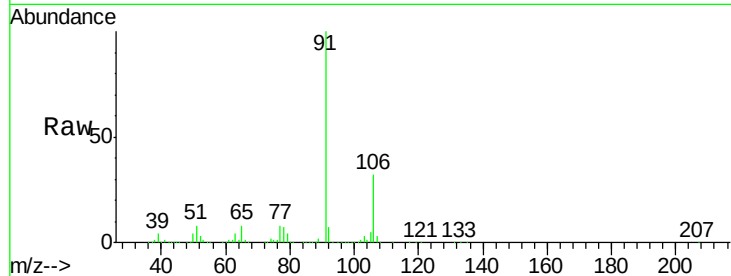
Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 208.414 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016750.D

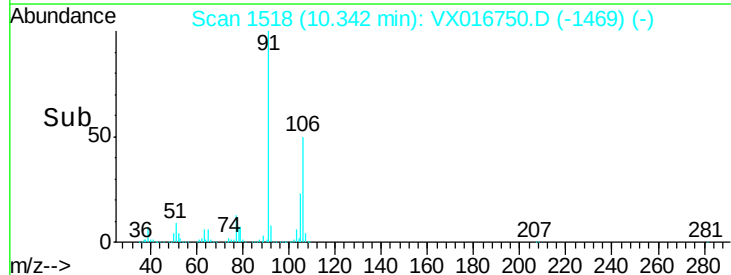
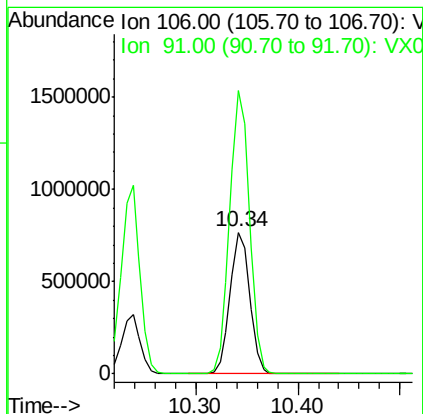
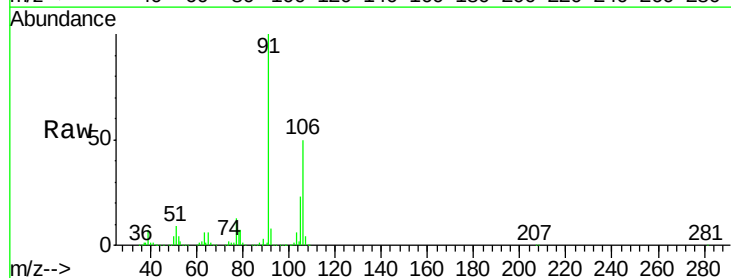
Acq: 15 Jun 2020 12:40

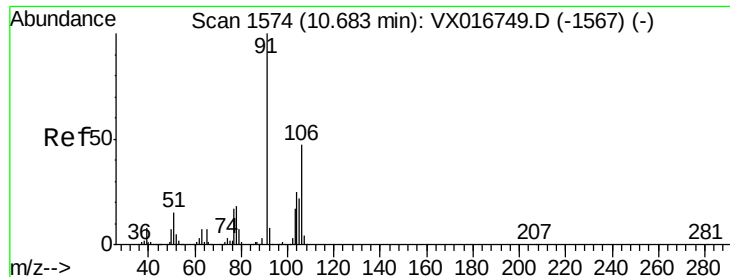
Tgt Ion: 106 Resp: 1017902

Ion Ratio Lower Upper

106 100

91 201.1 161.2 241.8





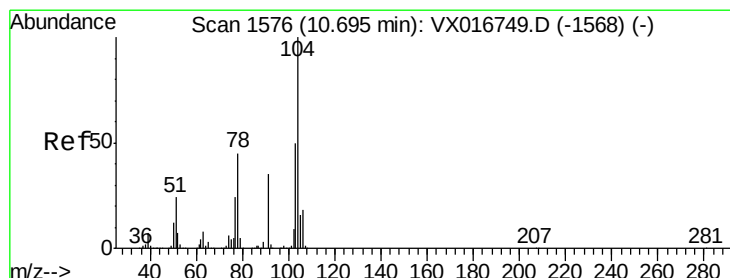
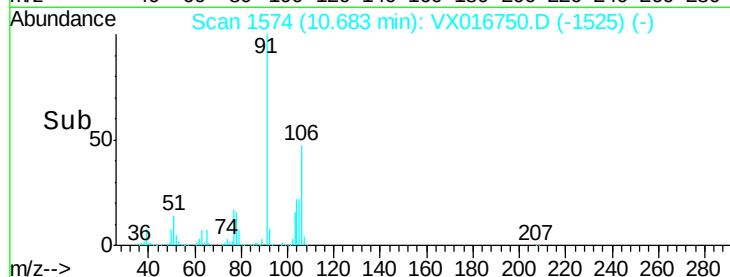
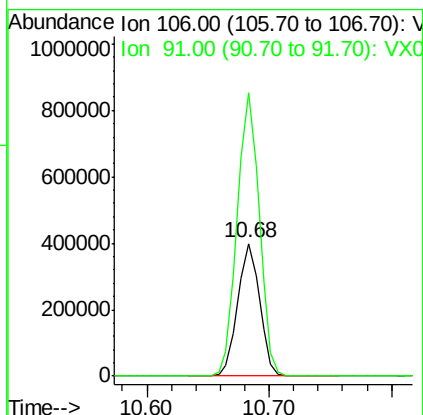
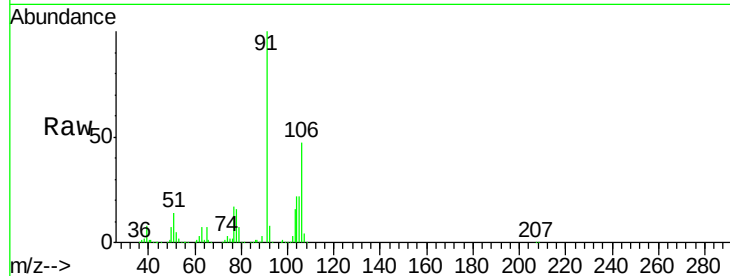
#69
o-Xylene
Concen: 104.374 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		494078		
91	214.9	106.9	320.8		

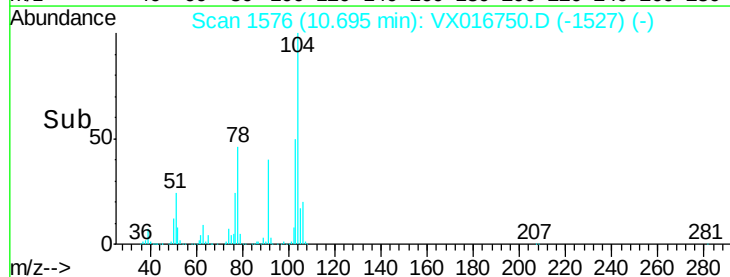
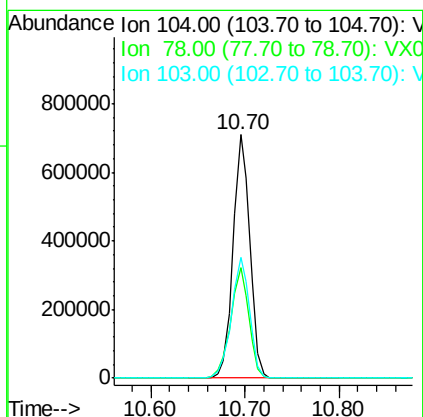
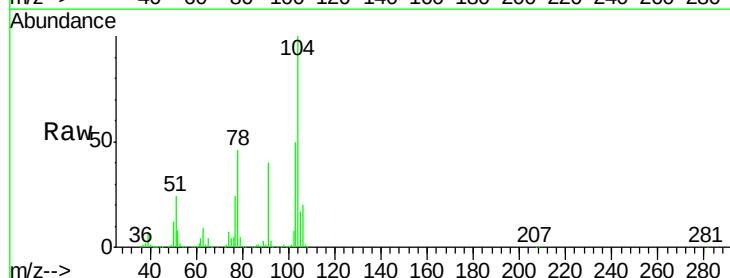
Manual Integrations
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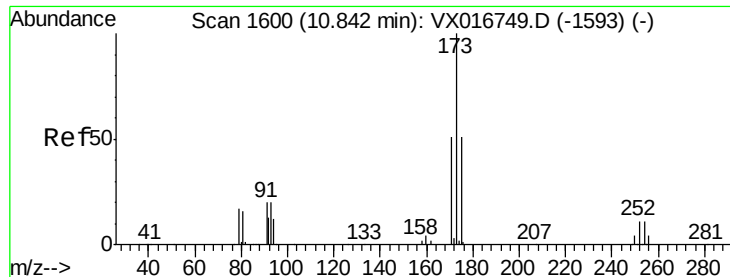
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#70
Styrene
Concen: 108.128 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		877661		
78	49.4	39.8	59.8		
103	53.7	43.4	65.2		





#71

Bromoform

Concen: 113.112 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 271627

Ion Ratio Lower Upper

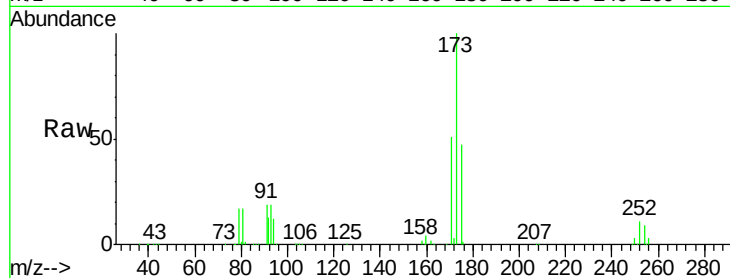
173 100

175 48.4 25.1 75.4

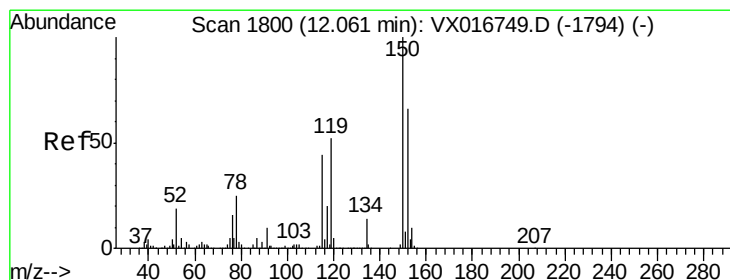
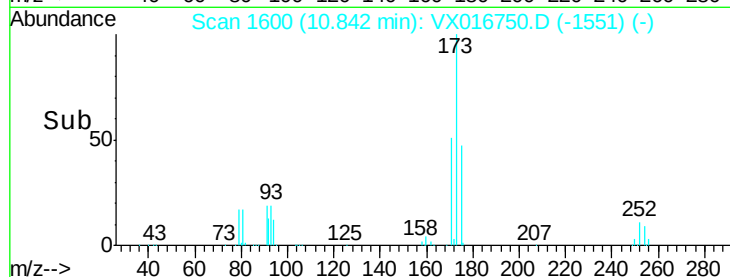
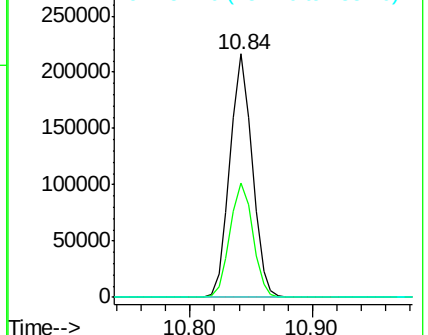
254 0.2 0.1 0.1#

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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: VX016750.D

Acq: 15 Jun 2020 12:40

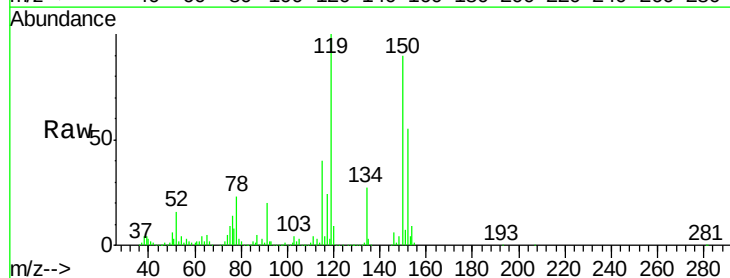
Tgt Ion:152 Resp: 188087

Ion Ratio Lower Upper

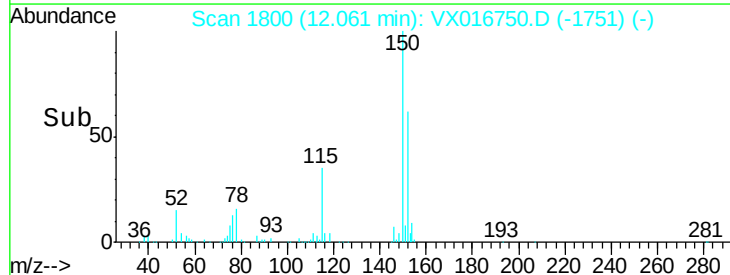
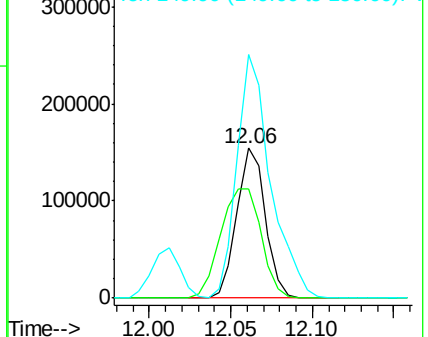
152 100

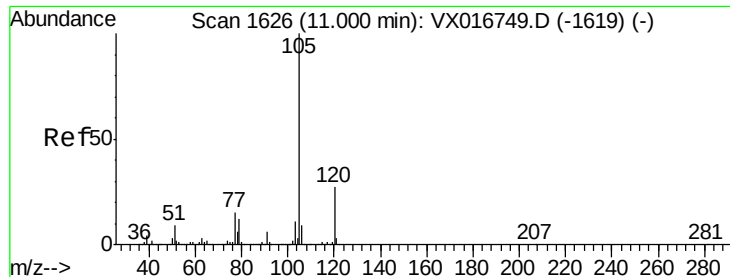
115 103.9 40.3 120.8

150 192.3 0.0 337.4



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: 102.605 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1323186

Ion Ratio Lower Upper

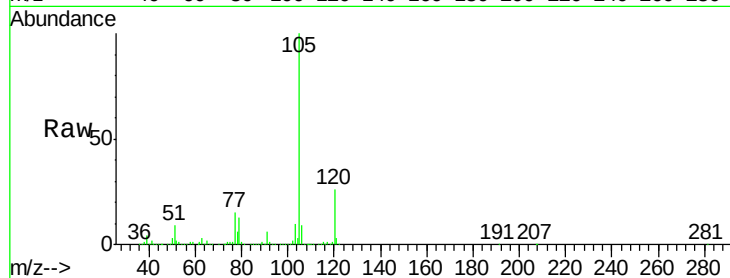
105 100

120 26.1 13.2 39.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

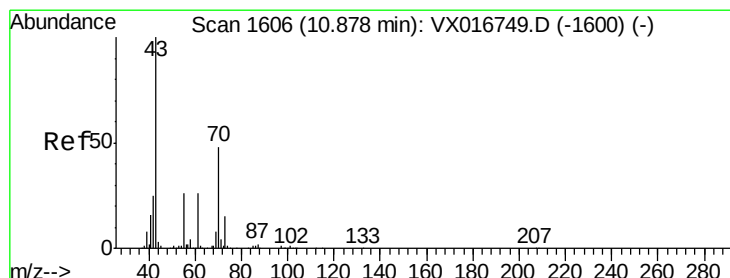
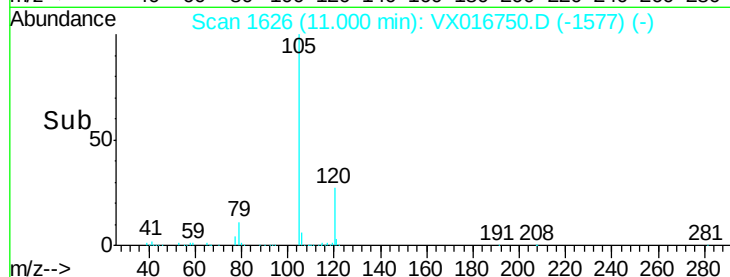
400000

200000

0

11.00

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 91.166 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion: 43 Resp: 525509

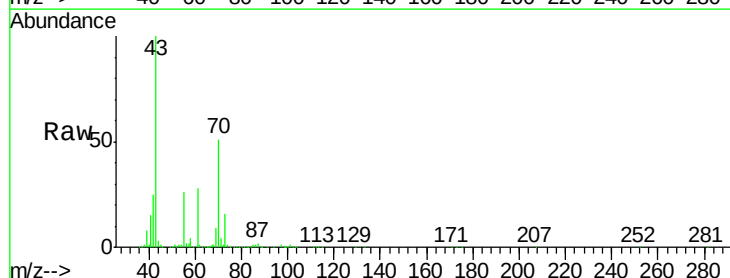
Ion Ratio Lower Upper

43 100

70 49.3 39.8 59.6

55 25.9 21.7 32.5

61 27.0 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

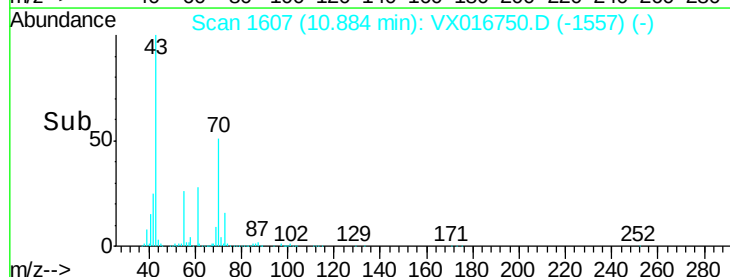
400000

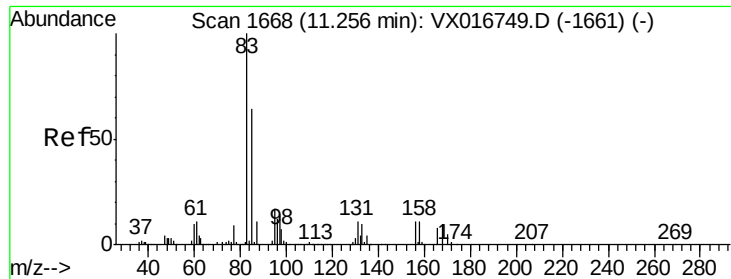
200000

0

10.88

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 113.518 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 371118

Ion Ratio Lower Upper

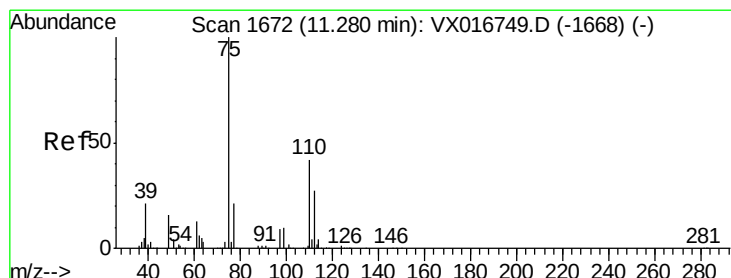
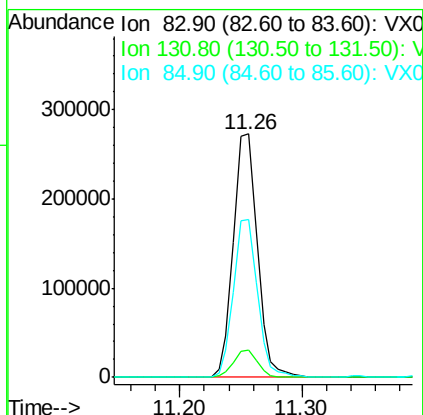
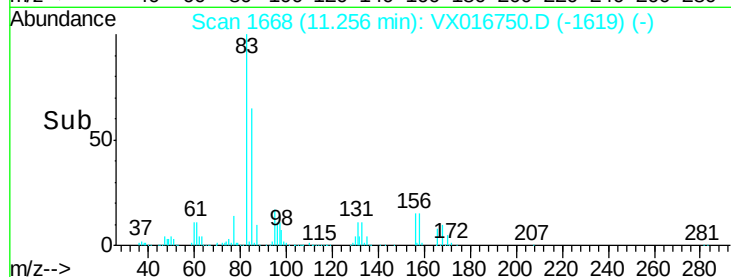
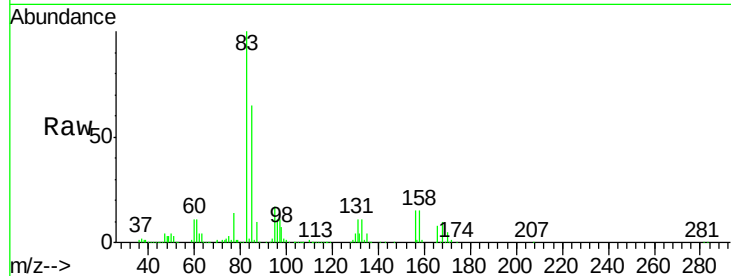
83 100

131 11.2 5.7 17.0

85 64.8 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 95.606 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016750.D

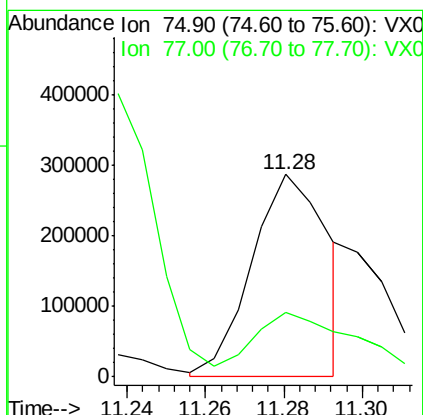
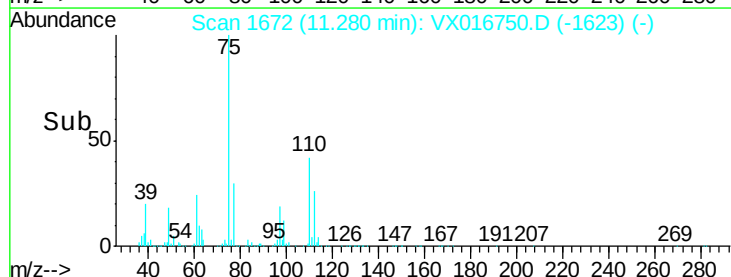
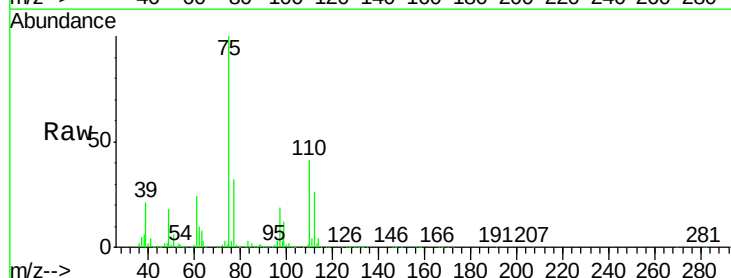
Acq: 15 Jun 2020 12:40

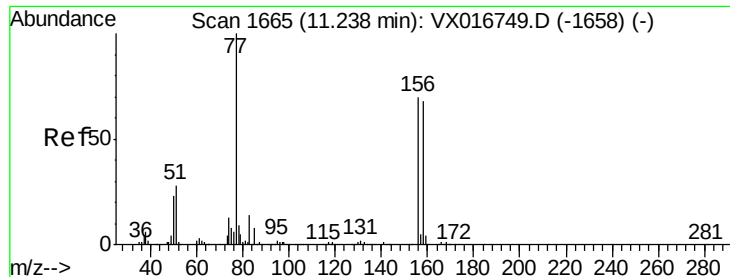
Tgt Ion: 75 Resp: 388025

Ion Ratio Lower Upper

75 100

77 43.3 20.3 60.9





#77

Bromobenzene

Concen: 102.936 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 350703

Ion Ratio Lower Upper

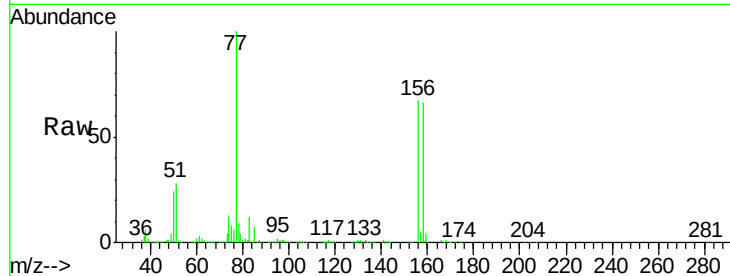
156 100

77 146.7 73.2 219.6

158 97.5 48.8 146.4

Manual Integrations
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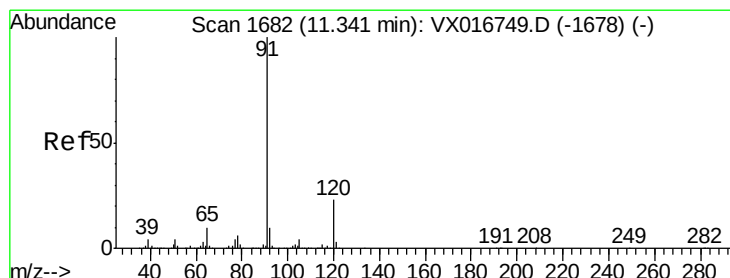
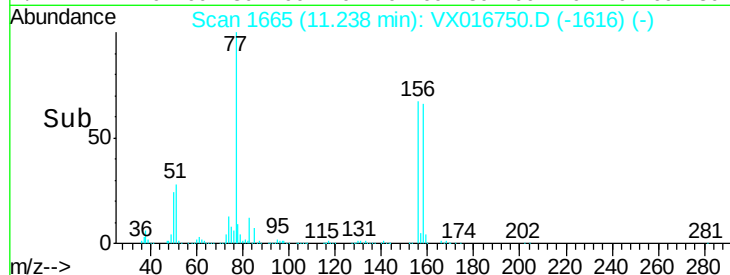
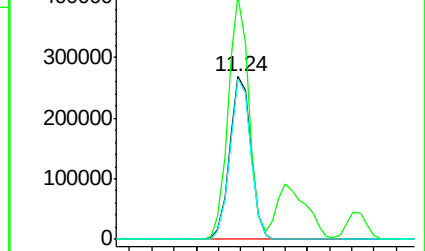
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 102.311 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016750.D

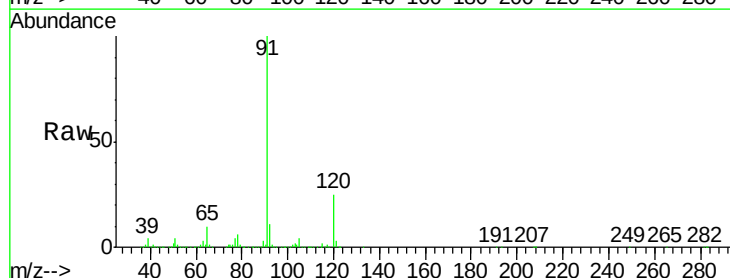
Acq: 15 Jun 2020 12:40

Tgt Ion: 91 Resp: 1467620

Ion Ratio Lower Upper

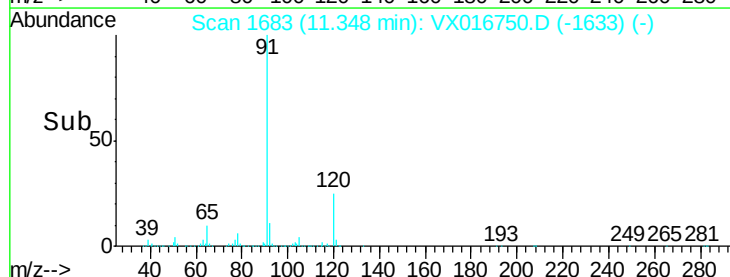
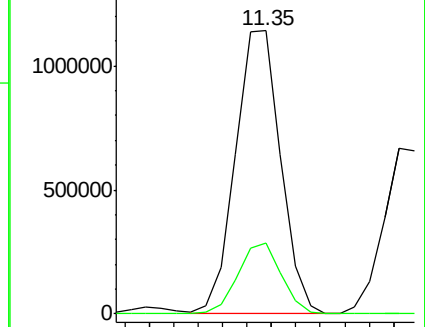
91 100

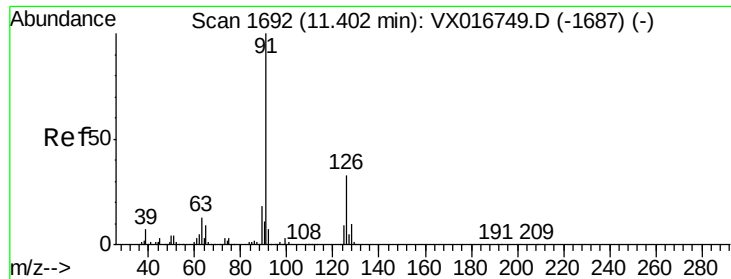
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





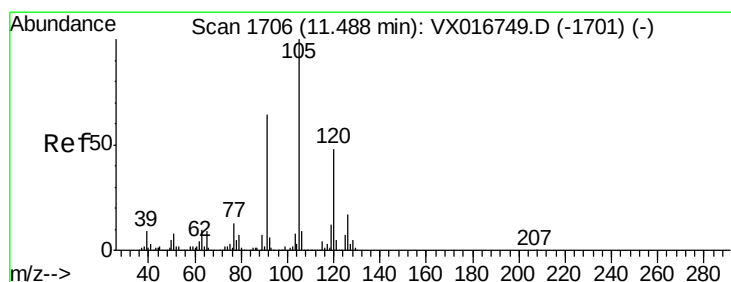
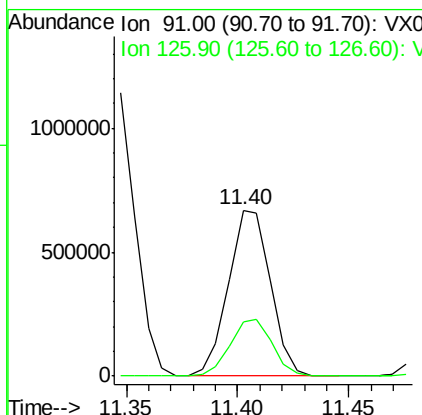
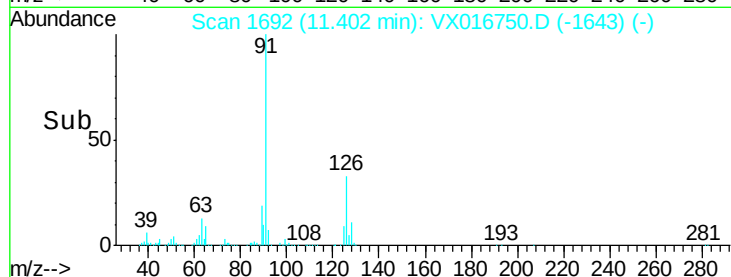
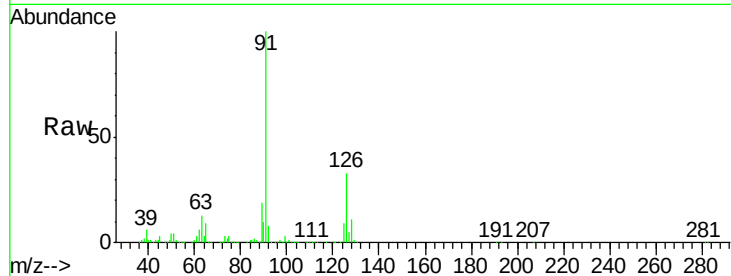
#79
2-Chlorotoluene
Concen: 100.860 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 884162
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.5

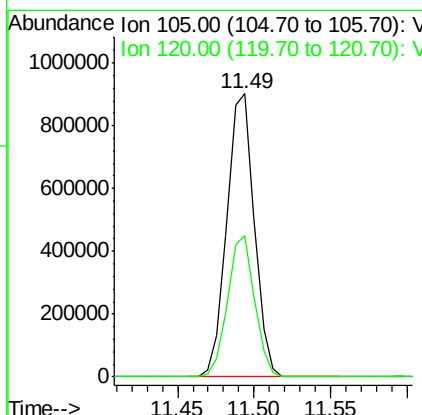
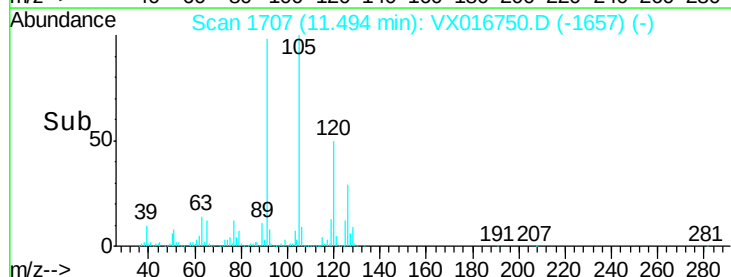
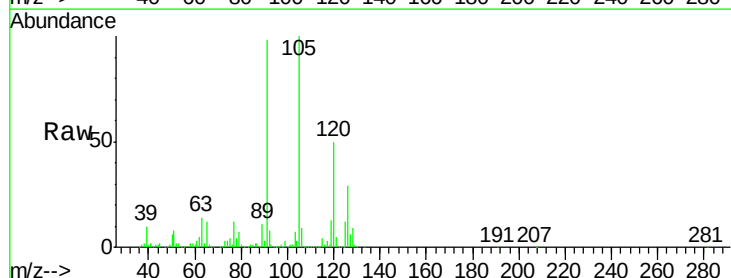
Manual Integrations
APPROVED

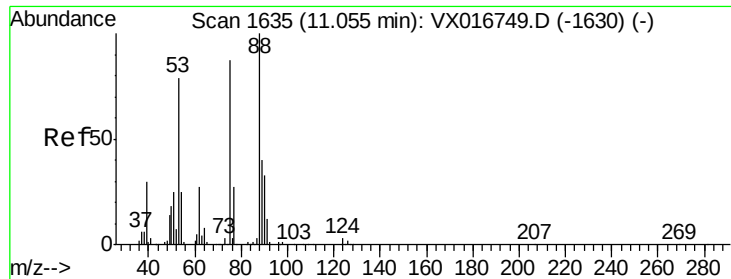
MMDadoda
6/16/2020 3:23:12 PM



#80
1,3,5-Trimethylbenzene
Concen: 103.800 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 105 Resp: 1116997
Ion Ratio Lower Upper
105 100
120 49.2 24.4 73.4





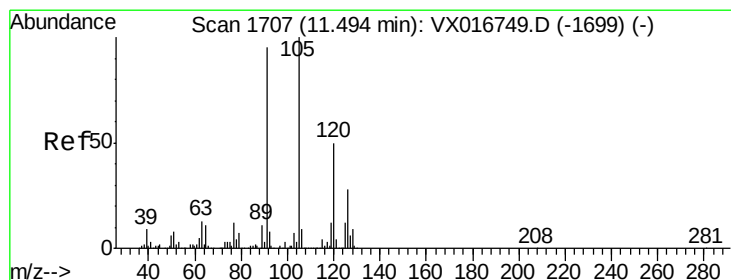
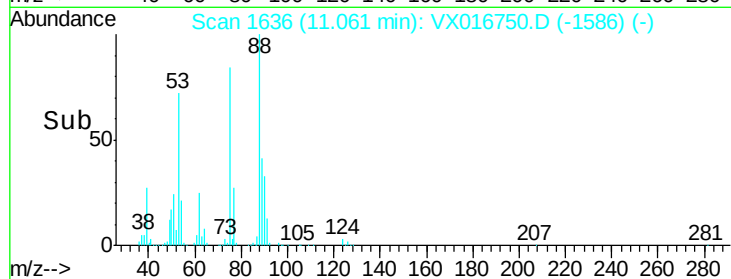
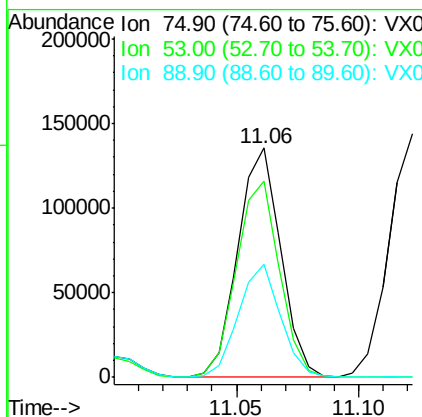
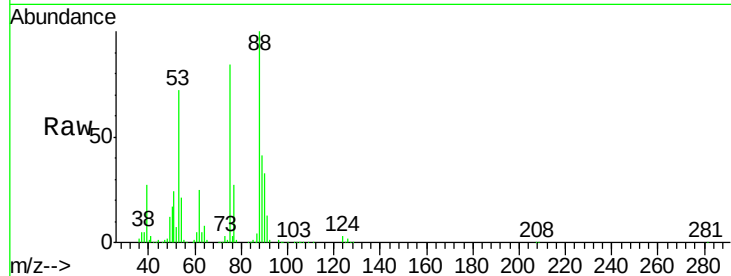
#81
trans-1,4-Dichloro-2-butene
Concen: 99.699 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	71.4	107.0
89	48.8	39.1	58.7

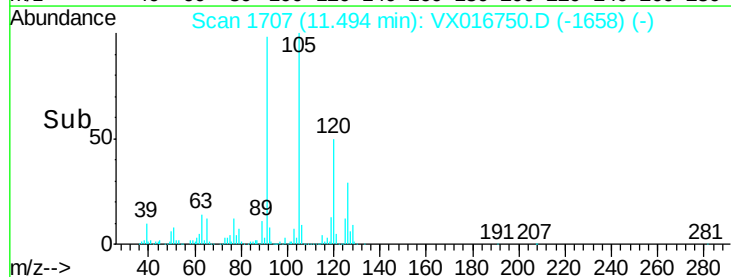
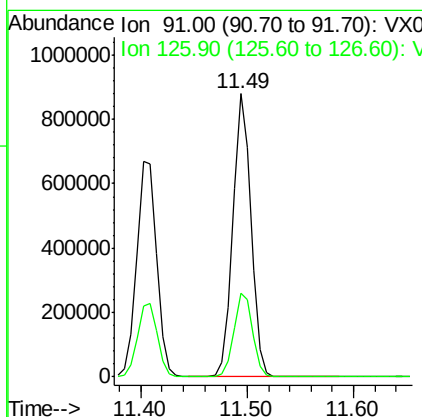
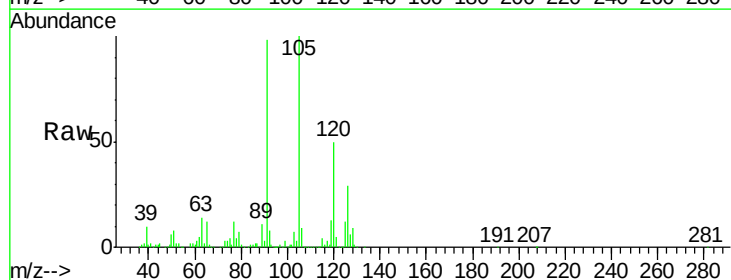
Manual Integrations
APPROVED

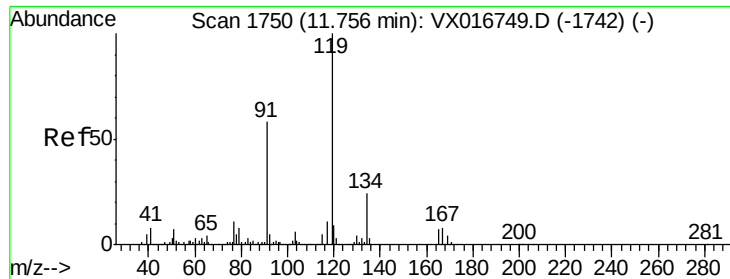
MMDadoda
6/16/2020 3:23:12 PM



#82
4-Chlorotoluene
Concen: 102.292 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





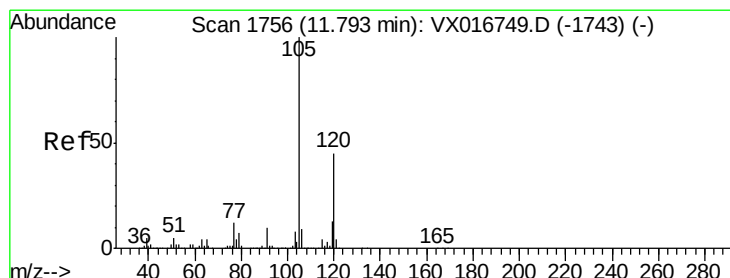
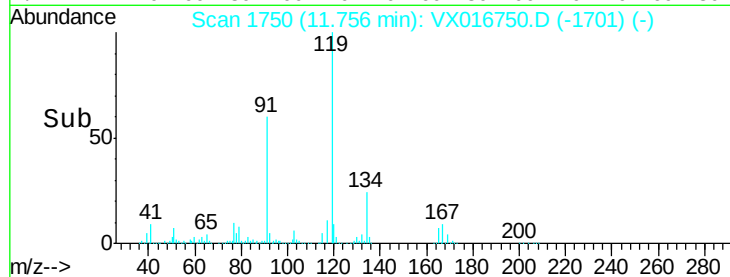
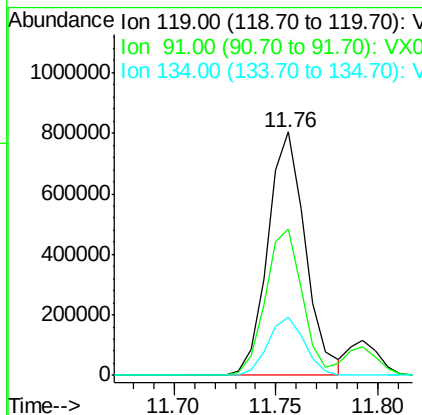
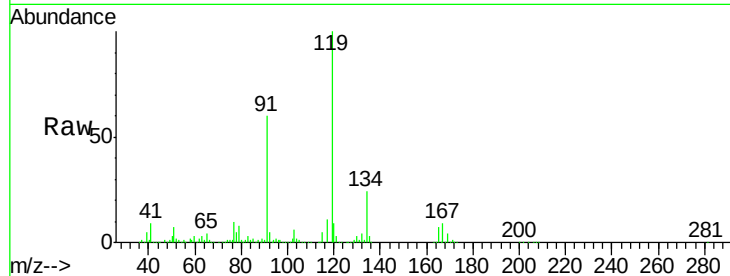
#83
 tert-Butylbenzene
 Concen: 111.271 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.3	88.0
134	23.4	11.8	35.3

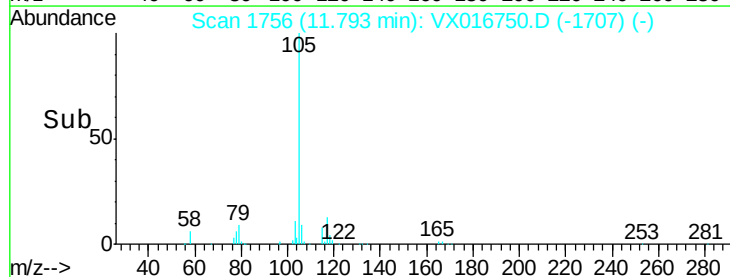
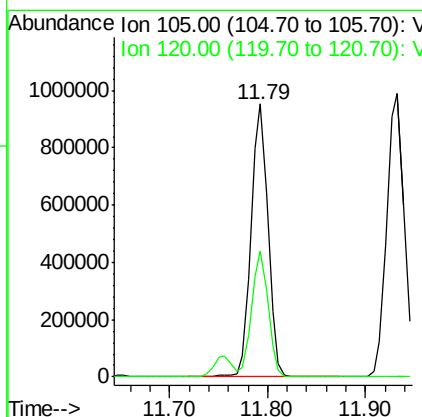
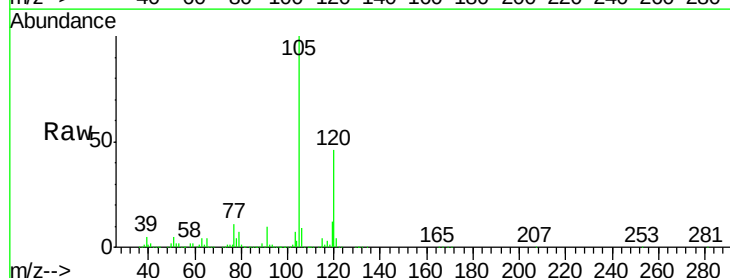
Manual Integrations
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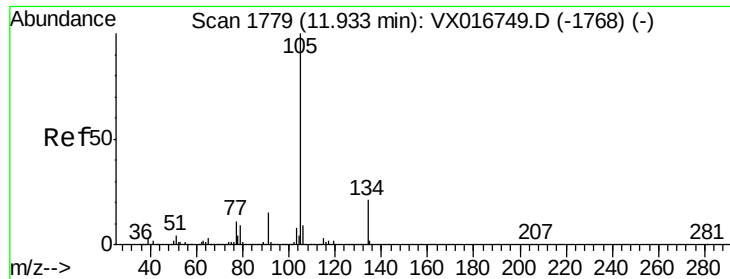
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 6/16/2020 3:23:12 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 104.821 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





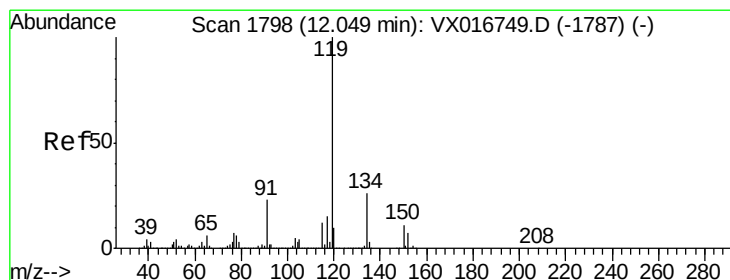
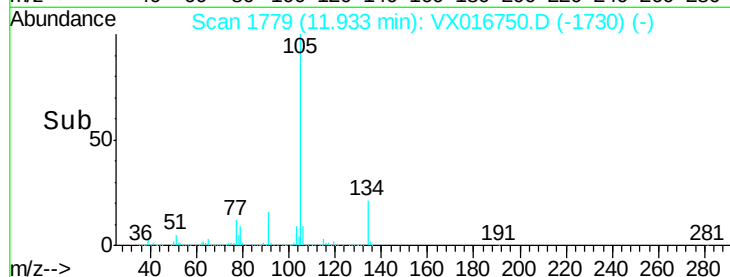
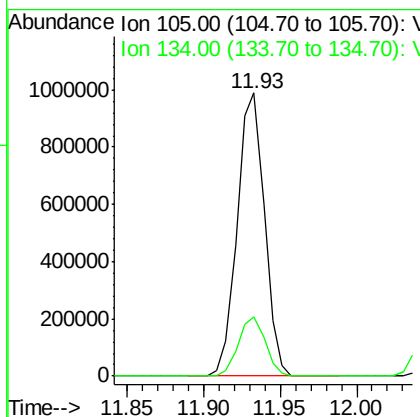
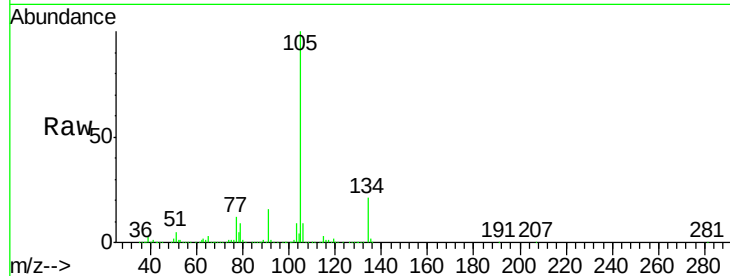
#85
 sec-Butylbenzene
 Concen: 105.352 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1219931
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8

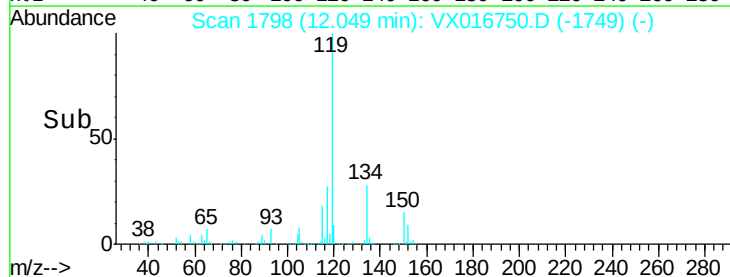
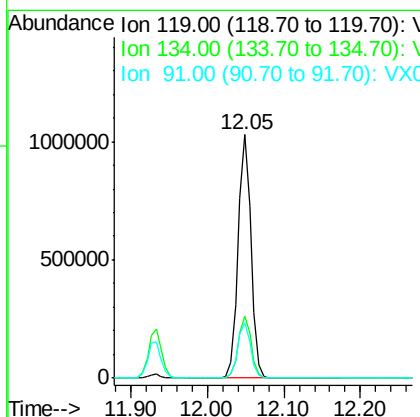
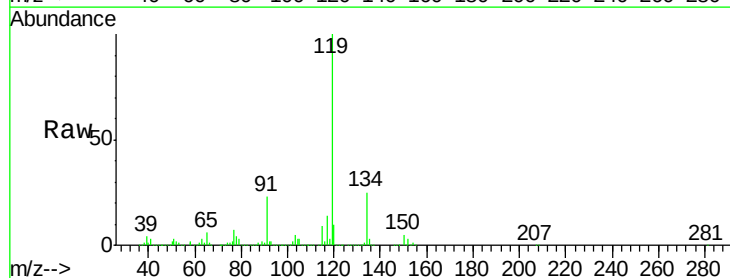
Manual Integrations
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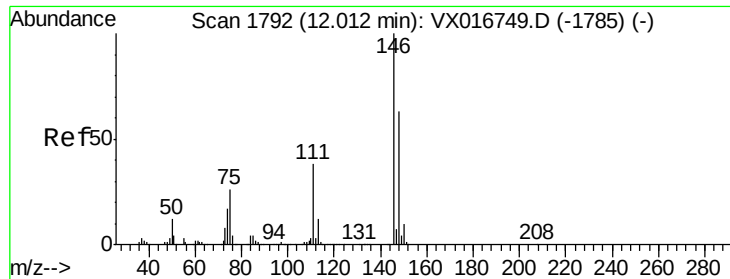
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 6/16/2020 3:23:12 PM



#86
 p-Isopropyltoluene
 Concen: 109.487 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion:119 Resp: 1190311
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 22.7 11.6 34.7





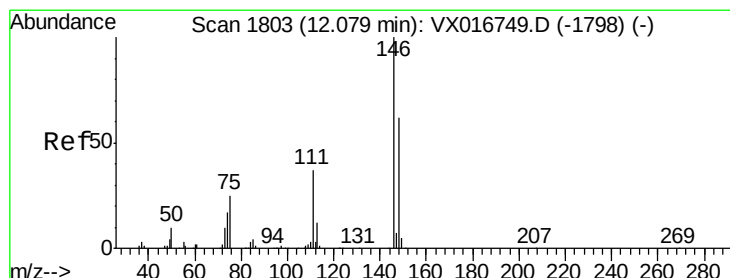
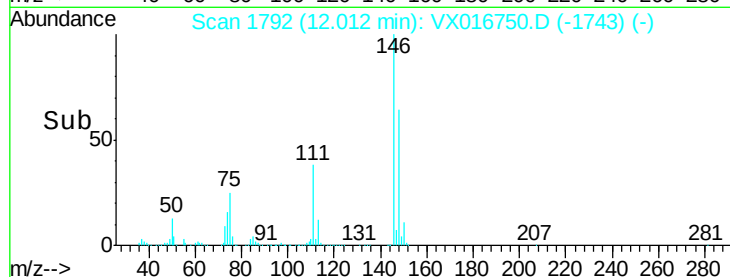
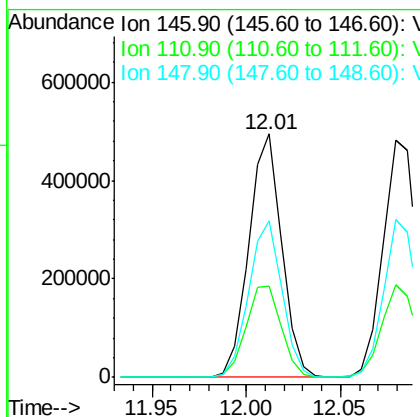
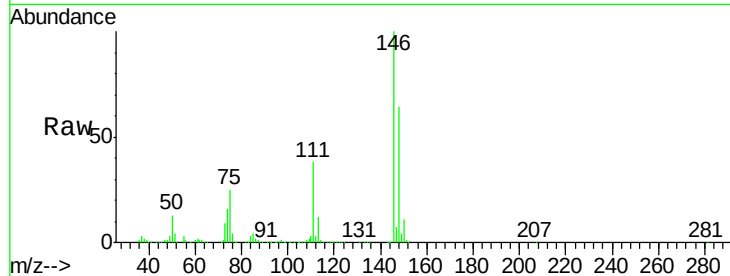
#87
 1,3-Dichlorobenzene
 Concen: 101.676 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.3
148	65.0	31.9	95.7

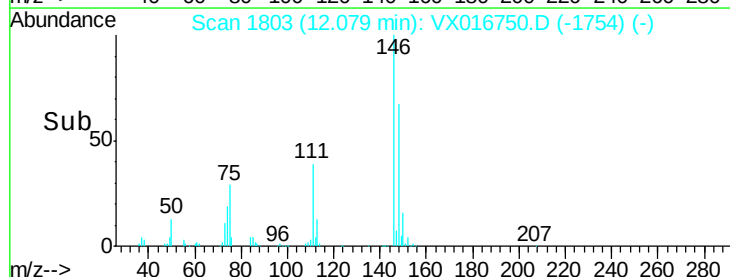
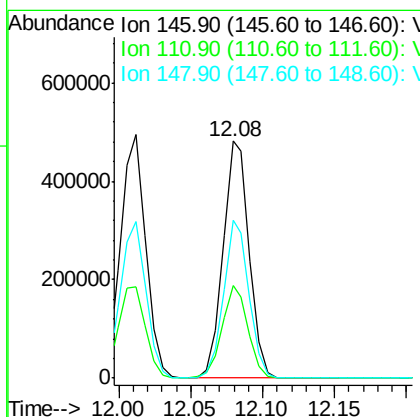
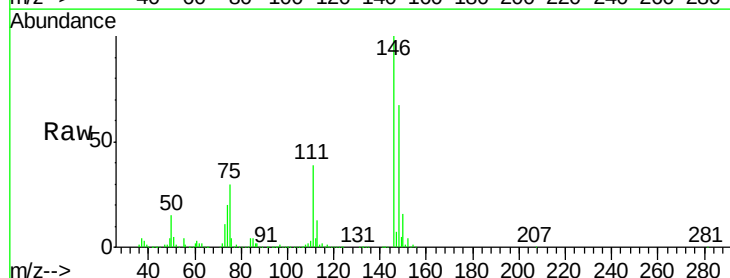
Manual Integrations
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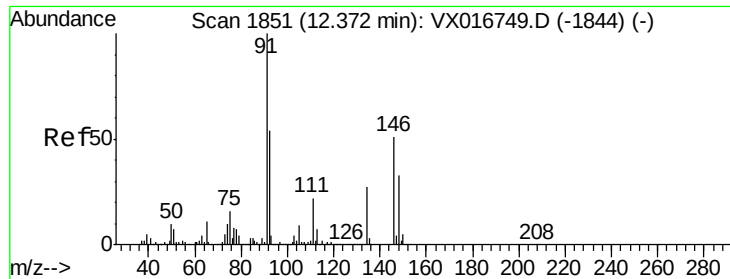
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#88
 1,4-Dichlorobenzene
 Concen: 101.827 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	65.0	32.1	96.5





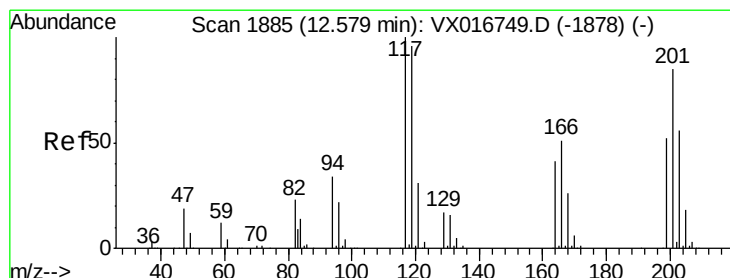
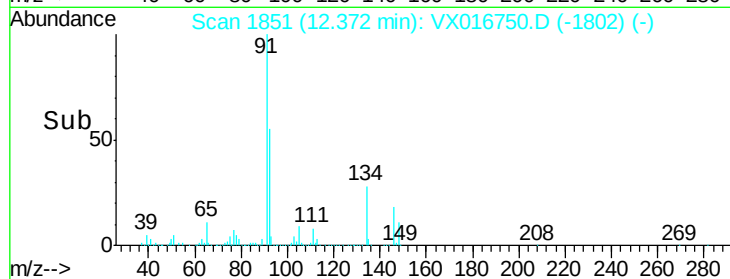
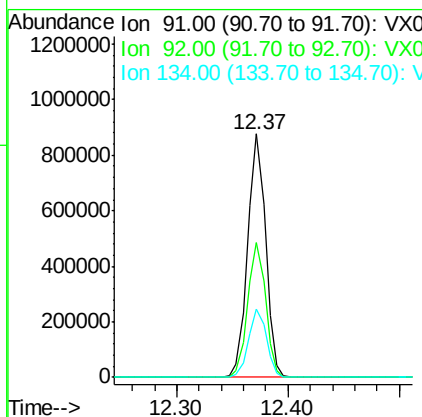
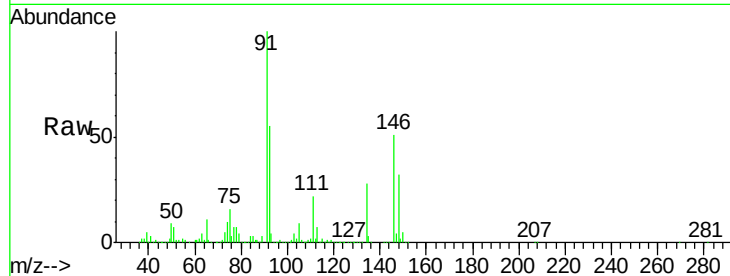
#89
n-Butylbenzene
Concen: 108.560 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.0	80.8
134	27.9	13.7	41.0

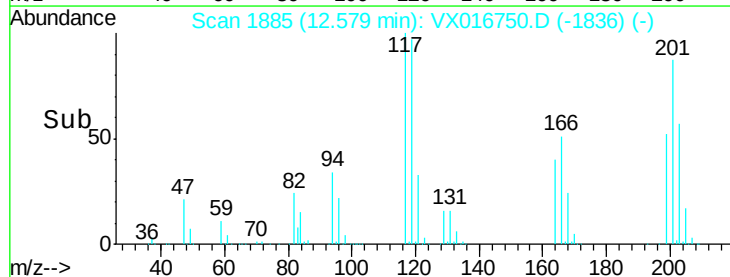
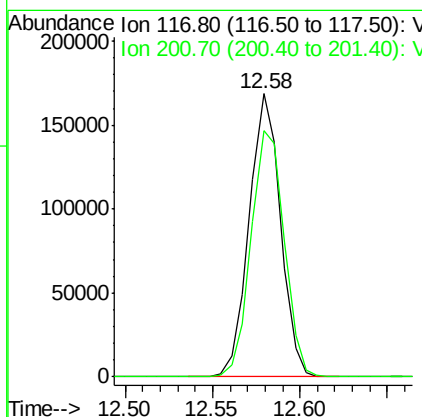
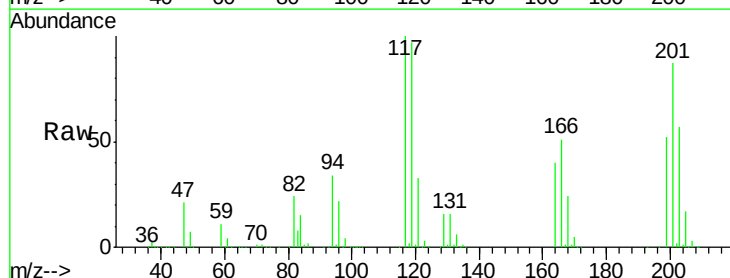
Manual Integrations
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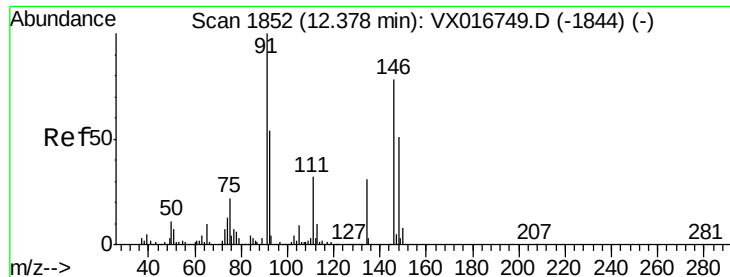
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6/16/2020 3:23:12 PM



#90
Hexachloroethane
Concen: 111.711 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	45.6	136.9





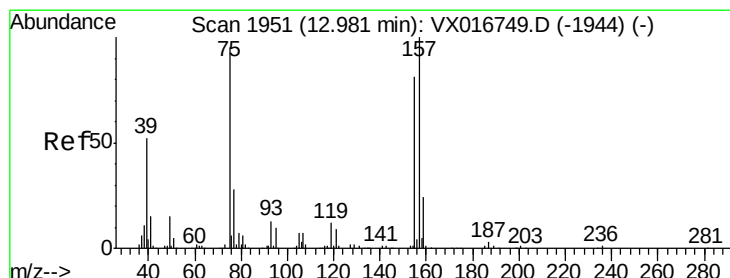
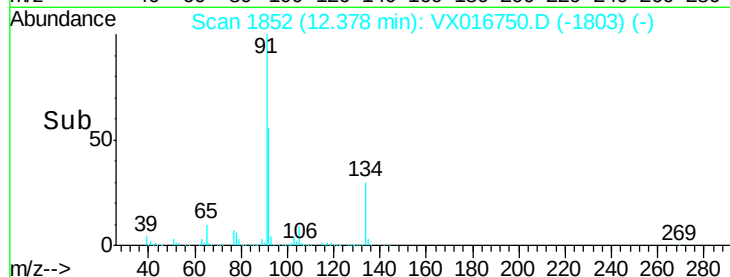
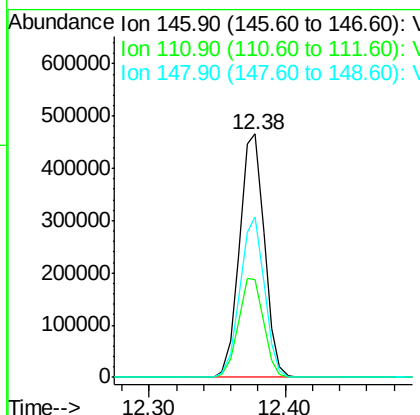
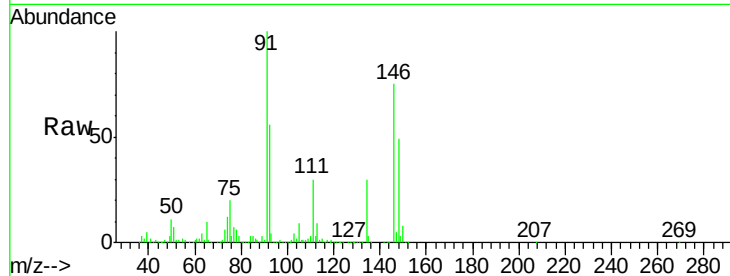
#91
 1,2-Dichlorobenzene
 Concen: 103.752 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	592934		
111	41.1	20.8	62.2	
148	64.5	32.1	96.5	

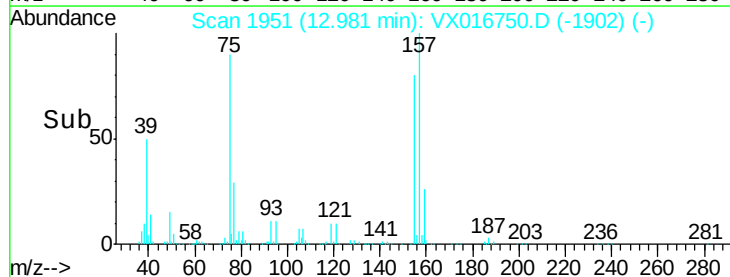
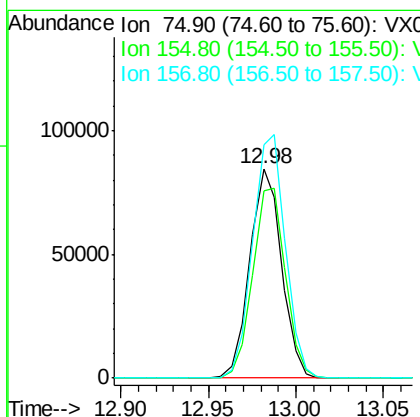
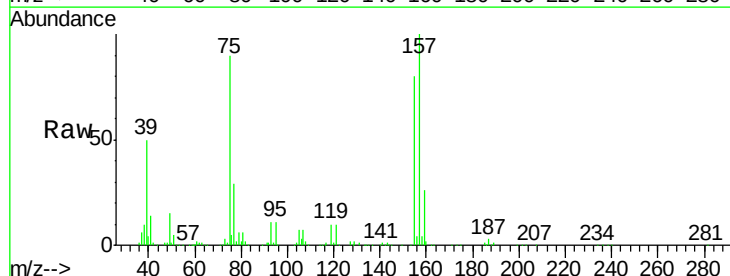
Manual Integrations
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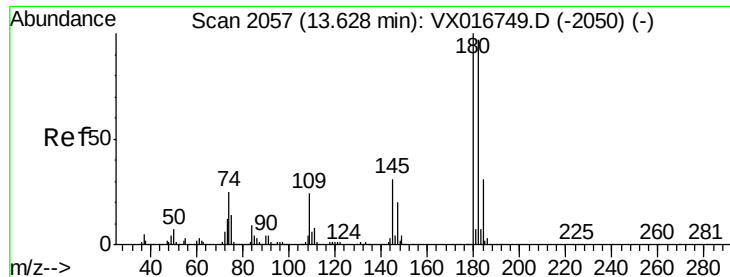
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 6/16/2020 3:23:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.587 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106868		
155	93.6	46.9	140.7	
157	119.3	59.6	178.7	





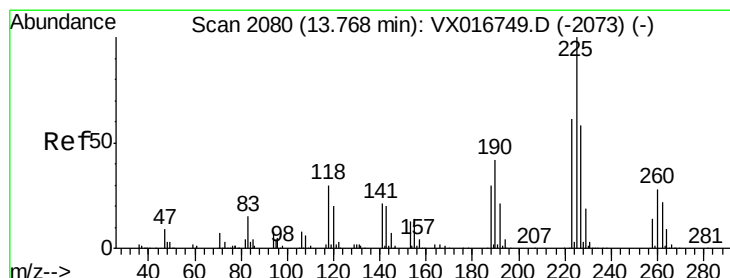
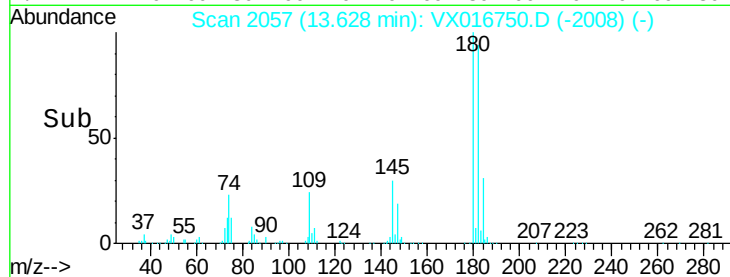
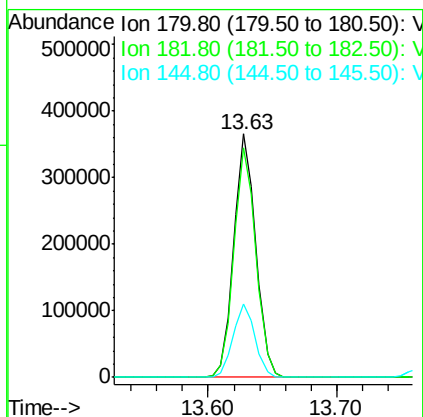
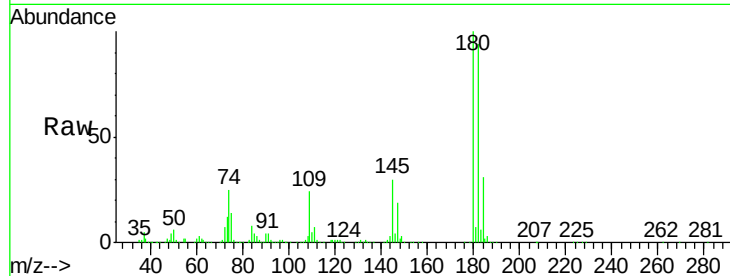
#93
 1,2,4-Trichlorobenzene
 Concen: 114.362 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	435715		
182	94.8	48.6	145.8	
145	30.3	15.4	46.4	

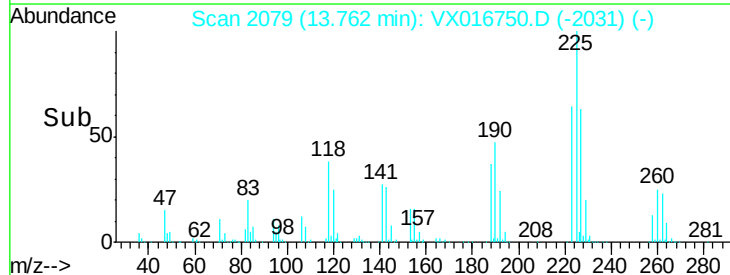
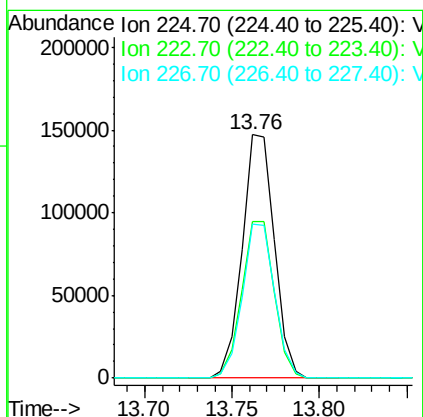
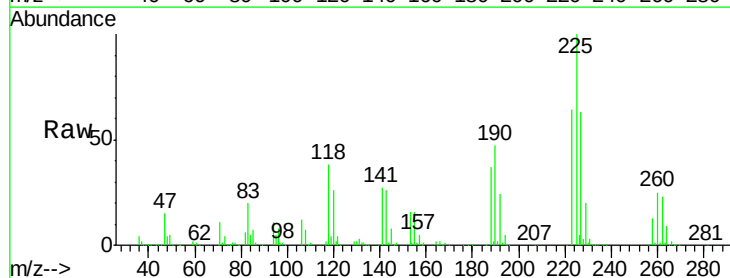
Manual Integrations
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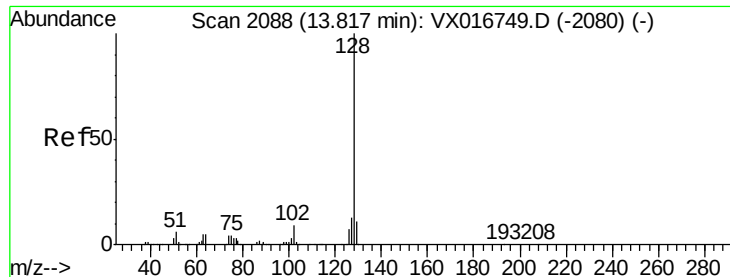
MMDadoda
 6/16/2020 3:23:12 PM



#94
 Hexachlorobutadiene
 Concen: 121.277 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187914		
223	65.0	31.1	93.5	
227	63.3	30.9	92.7	





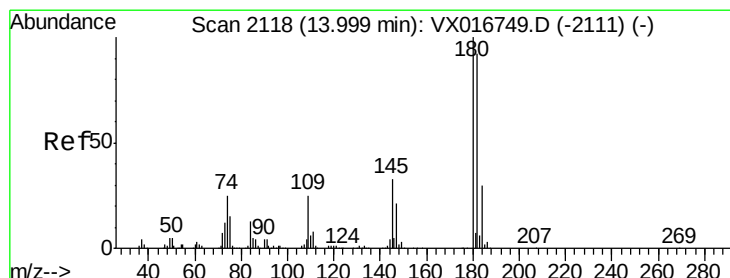
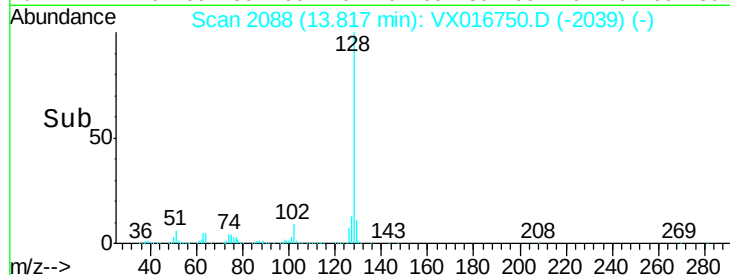
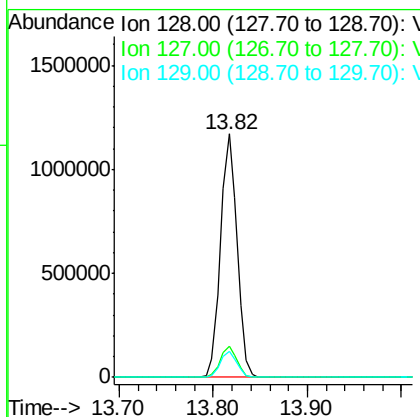
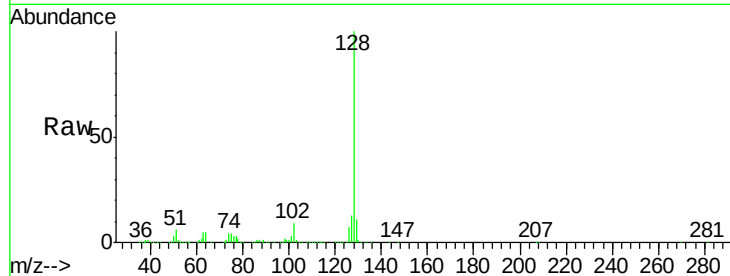
#95
Naphthalene
Concen: 109.660 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 114.624 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.1	141.4
145	31.8	15.9	47.7

