

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015276.D
 Acq On : 13 Mar 2020 22:52
 Operator : JC/SP
 Sample : VX0313WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0313WBSD02

Manual Integrations
 APPROVED

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 3/16/2020 2:07:36 PM

Quant Time: Mar 16 09:45:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	53116	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	285950	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	269969	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	105615	29.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.27%
60) 4-Bromofluorobenzene	11.13	95	128411	29.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.60%
63) Toluene-d8	8.71	98	348032	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	43824	16.406	ug/l 99
3) Chloromethane	1.32	50	63235	16.396	ug/l 94
4) Vinyl Chloride	1.40	62	62681	15.971	ug/l 99
5) Bromomethane	1.64	94	41905	16.389	ug/l 98
6) Chloroethane	1.72	64	39763	16.131	ug/l 95
7) Trichlorofluoromethane	1.93	101	78498	15.689	ug/l 99
8) Diethyl Ether	2.18	74	37334	16.835	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51031	16.631	ug/l 98
10) 1,1-Dichloroethene	2.37	96	51681	16.706	ug/l 96
11) Methyl Iodide	2.50	142	49224	15.470	ug/l 99
12) Methyl Acetate	2.76	43	72428	18.979	ug/l 97
13) Acrolein	2.29	56	42458	70.453	ug/l 98
14) Acrylonitrile	3.13	53	168319	95.051	ug/l 98
15) Acetone	2.44	58	41498	79.867	ug/l 97
16) Carbon Disulfide	2.56	76	150143	17.332	ug/l 99
17) Allyl chloride	2.72	41	101105	17.617	ug/l 96
18) Methylene Chloride	2.85	84	64423	18.427	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	62529	18.739	ug/l 98
20) Diisopropyl ether	3.85	45	216204	18.964	ug/l 93
21) 1,1-Dichloroethane	3.69	63	114135	18.894	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	67935	18.011	ug/l 96
23) tert-Butyl Alcohol	3.03	59	63151	91.214	ug/l # 99
24) Methyl tert-Butyl Ether	3.19	73	179585	17.967	ug/l 99
25) Chloroform	5.20	83	109882	19.122	ug/l 97
26) Cyclohexane	5.58	56	100904	17.975	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	82623	18.829	ug/l 97
30) 2-Butanone	4.66	43	221156	94.113	ug/l 99
31) 2,2-Dichloropropane	4.58	77	68569	15.211	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	88525	18.539	ug/l 98
33) Carbon Tetrachloride	5.78	117	74698	18.280	ug/l 100
34) Benzene	6.14	78	261635	19.677	ug/l 98
35) Methacrylonitrile	5.03	41	50830	20.007	ug/l 98
36) 1,2-Dichloroethane	6.18	62	86515	19.506	ug/l 99
37) Trichloroethene	7.21	130	72029	19.587	ug/l 98
38) Methylcyclohexane	7.46	83	99043	18.577	ug/l 100
39) 1,2-Dichloropropane	7.51	63	68521	19.949	ug/l 97
40) Dibromomethane	7.65	93	43211	19.793	ug/l 99

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Quant Time: Mar 16 09:45:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	83478	19.333	ug/l	92
42) Vinyl Acetate	3.81	43	890271	96.070	ug/l	100
43) Ethyl Acetate	4.82	43	89827	20.147	ug/l	96
44) Isopropyl Acetate	6.43	43	143447	19.021	ug/l	99
45) 1,4-Dioxane	7.74	88	31207	421.330	ug/l	97
46) Methyl methacrylate	7.76	41	70166	18.869	ug/l	99
47) n-amyl Acetate	10.89	43	119633	17.679	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	87813	18.703	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	95720	17.952	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	64307	19.921	ug/l	97
51) Ethyl methacrylate	9.17	69	95518	18.963	ug/l	98
52) 1,3-Dichloropropane	9.37	76	111226	20.358	ug/l	100
53) Dibromochloromethane	9.57	129	66200	19.256	ug/l	95
54) 1,2-Dibromoethane	9.67	107	67040	20.132	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	258871	102.616	ug/l	99
56) Bromoform	10.85	173	50294	18.659	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	449292	97.755	ug/l	100
59) 2-Hexanone	9.48	43	333311	95.949	ug/l	100
61) Tetrachloroethene	9.33	164	72032	19.167	ug/l	97
62) Toluene	8.78	91	278030	19.461	ug/l	99
64) Chlorobenzene	10.14	112	174087	19.071	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	63374	18.849	ug/l	99
66) Ethyl Benzene	10.25	91	299307	18.807	ug/l	99
67) m/p-Xylenes	10.35	106	230918	37.800	ug/l	99
68) o-Xylene	10.70	106	109991	18.779	ug/l	98
69) Styrene	10.71	104	190504	18.689	ug/l	99
70) Isopropylbenzene	11.01	105	292246	18.747	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	97439	19.255	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	81334m	19.636	ug/l	
73) Bromobenzene	11.25	156	79386	18.672	ug/l	99
74) n-propylbenzene	11.35	91	343970	18.677	ug/l	99
75) 2-Chlorotoluene	11.42	91	174245	16.204	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	213471	16.041	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	27566	15.890	ug/l	97
78) 4-Chlorotoluene	11.51	91	201698	16.292	ug/l	99
79) tert-butylbenzene	11.76	119	211119	16.921	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	223886	17.017	ug/l	100
81) sec-Butylbenzene	11.94	105	267635	17.284	ug/l	99
82) p-Isopropyltoluene	12.06	119	248775	17.471	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	132726	17.668	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	136506	18.167	ug/l	100
85) n-Butylbenzene	12.39	91	229193	18.367	ug/l	100
86) Hexachloroethane	12.59	117	46505	18.657	ug/l	89
87) 1,2-Dichlorobenzene	12.39	146	141217	19.280	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	19397	18.617	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	98239	18.146	ug/l	100
90) Hexachlorobutadiene	13.78	225	48272	17.331	ug/l	99
91) Naphthalene	13.83	128	284272	18.954	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	98922	18.155	ug/l	99

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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

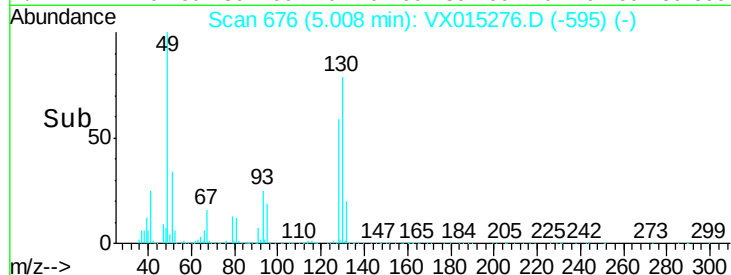
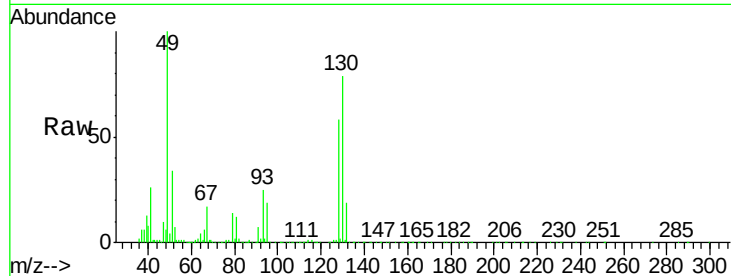
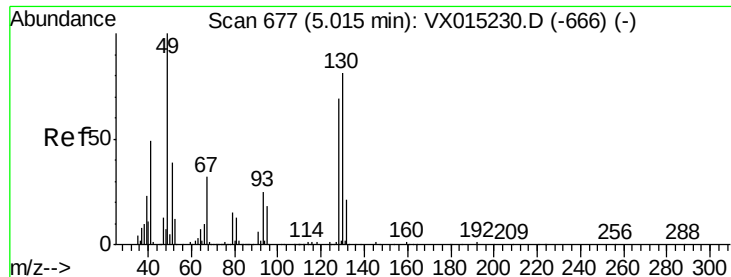
Manual Integrations
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Quant Time: Mar 16 09:45:15 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



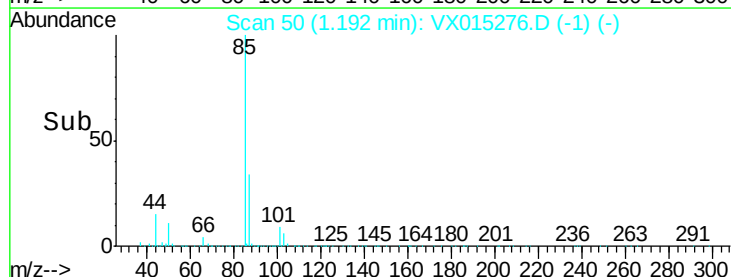
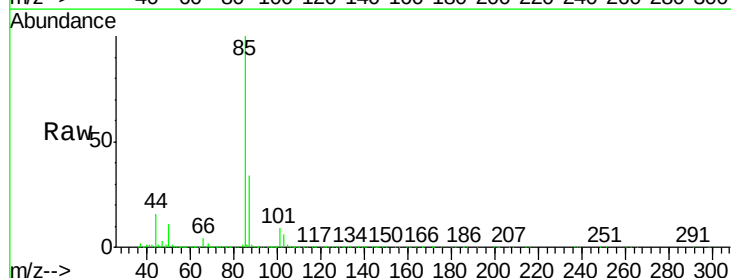
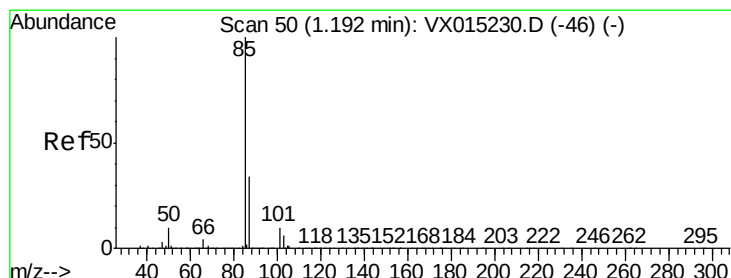
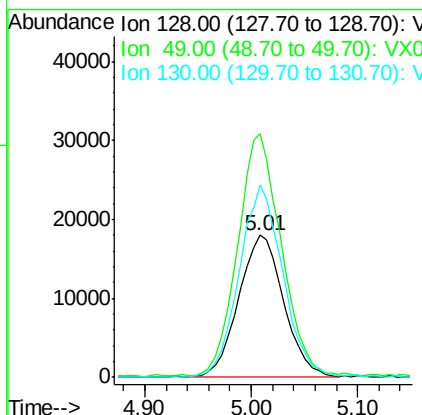
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tot Ion	Ratio	Lower	Upper
128	100		
49	164.8	0.0	406.8
130	131.7	0.0	319.3

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

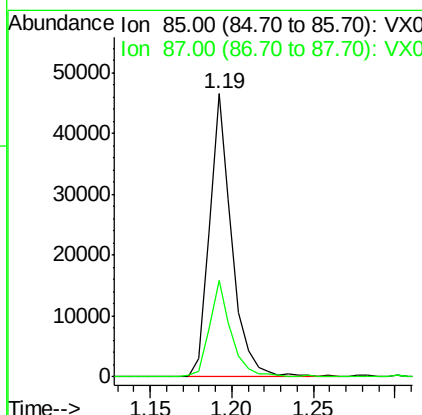
Manual Integrations
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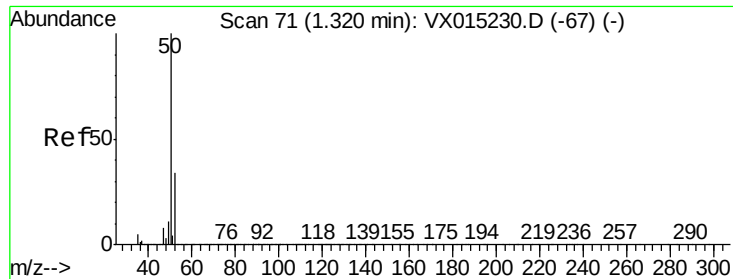
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#2
Dichlorodifluoromethane
Concen: 16.406 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.7	50.1





#3

Chloromethane

Concen: 16.396 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

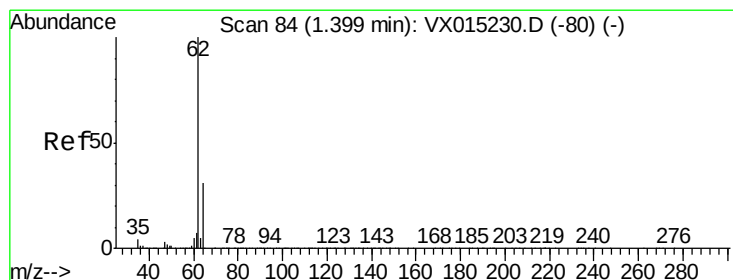
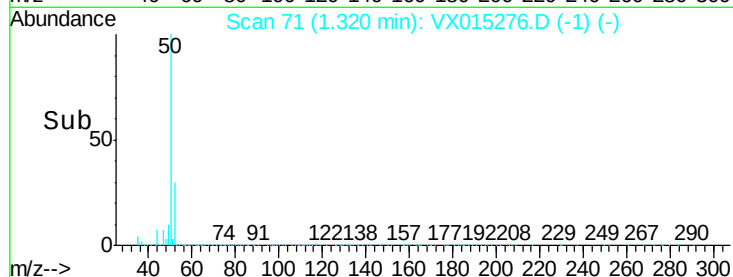
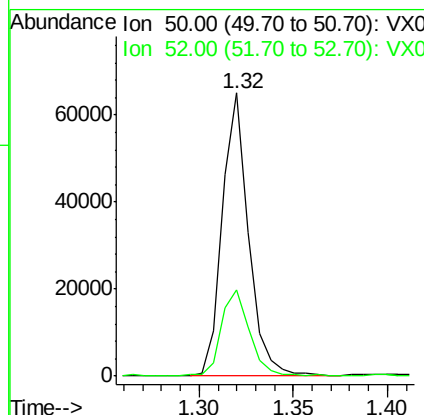
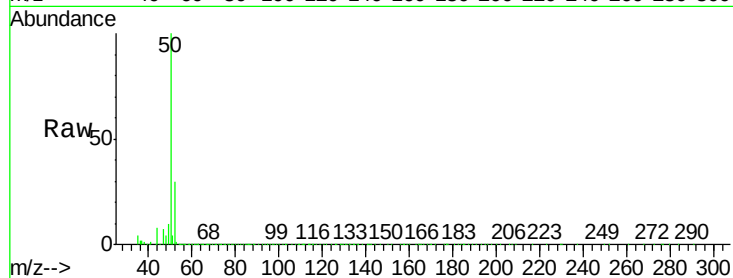
ClientSampleId :

VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
50	100		
52	30.1	26.9	40.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 15.971 ug/l

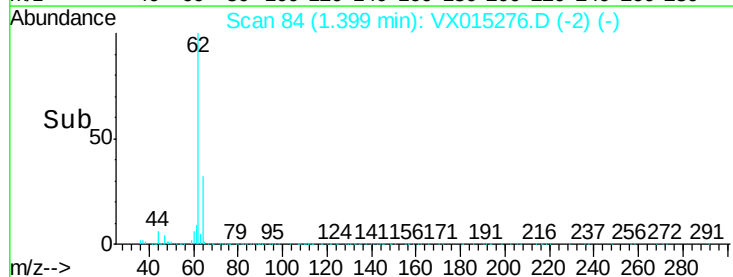
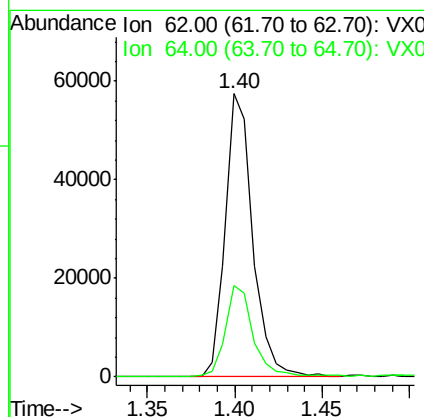
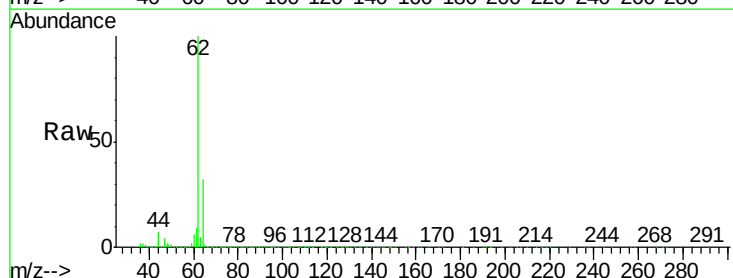
RT: 1.40 min Scan# 84

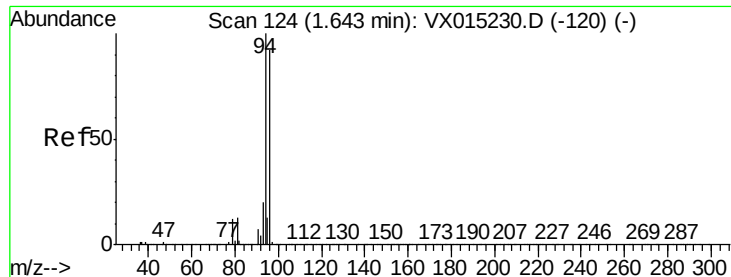
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.9	37.3





#5

Bromomethane

Concen: 16.389 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 94 Resp: 41905

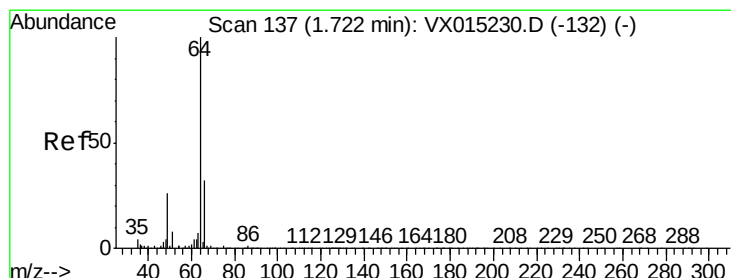
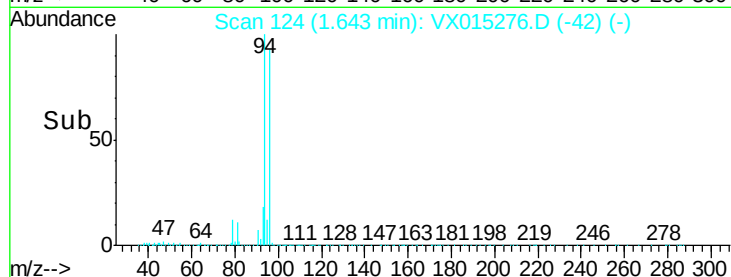
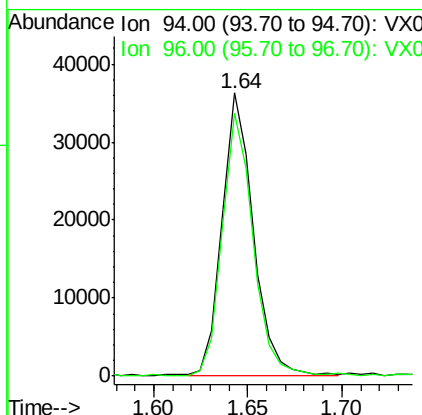
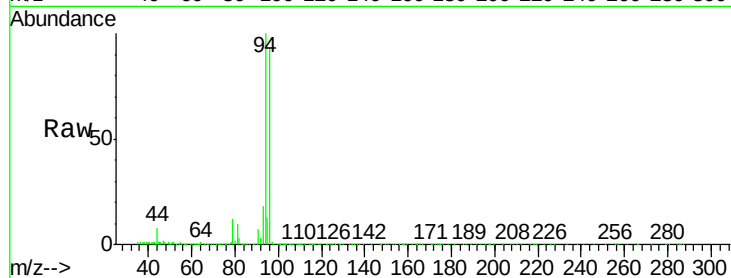
Ion Ratio Lower Upper

94 100

96 93.0 73.0 109.4

Manual Integrations
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#6

Chloroethane

Concen: 16.131 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015276.D

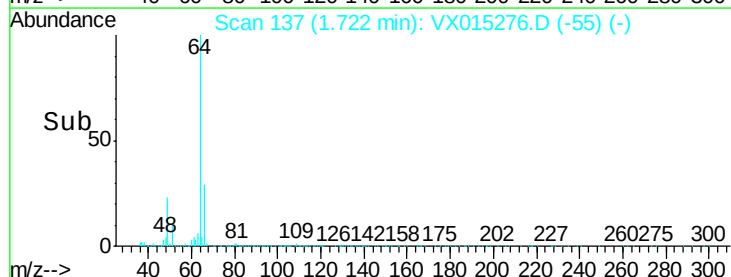
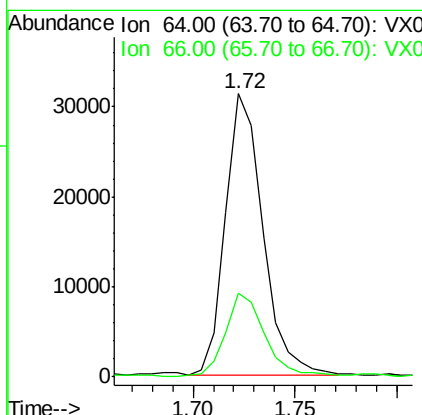
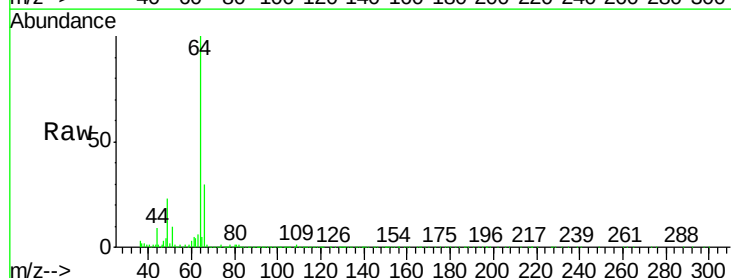
Acq: 13 Mar 2020 22:52

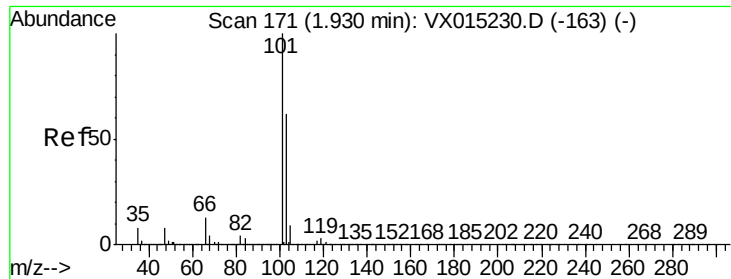
Tgt Ion: 64 Resp: 39763

Ion Ratio Lower Upper

64 100

66 29.3 25.9 38.9





#7

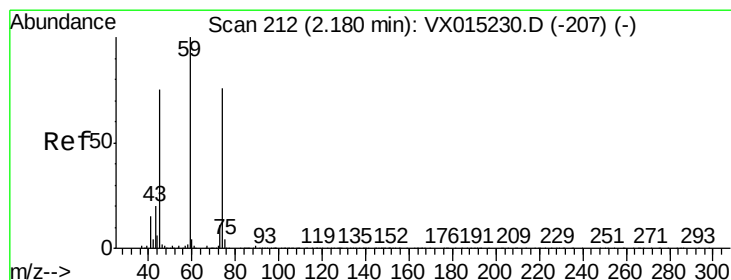
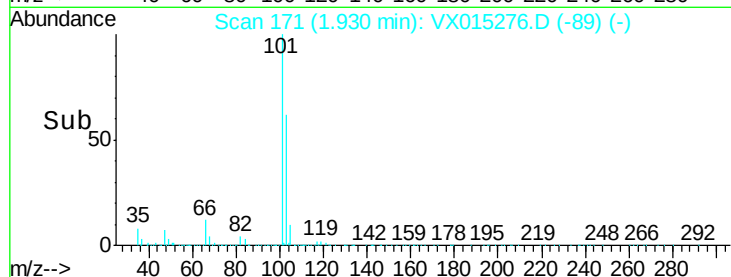
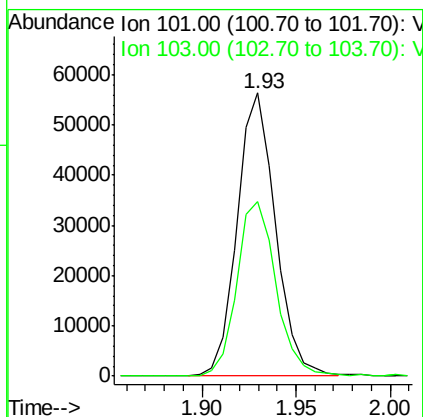
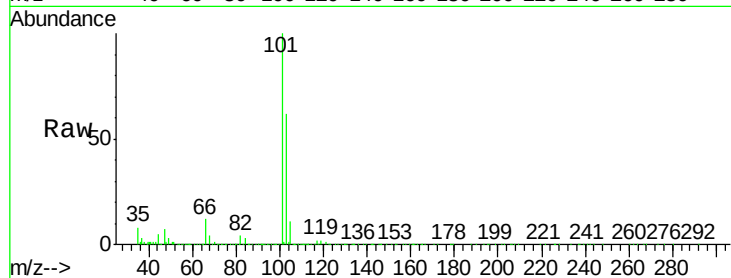
Trichlorofluoromethane
Concen: 15.689 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	49.9	74.9

Manual Integrations
APPROVED

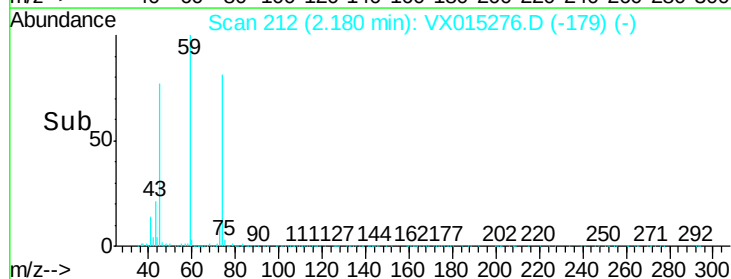
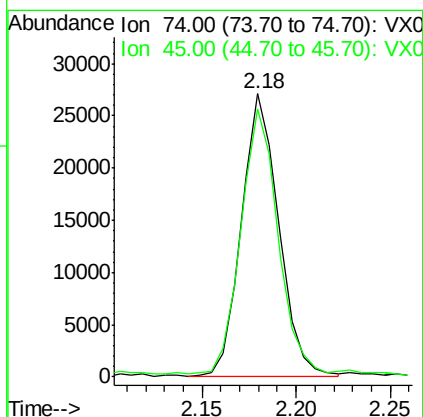
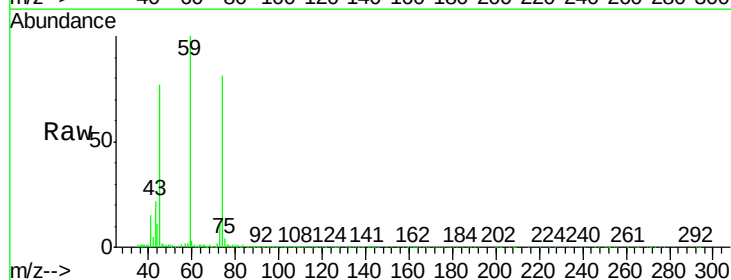
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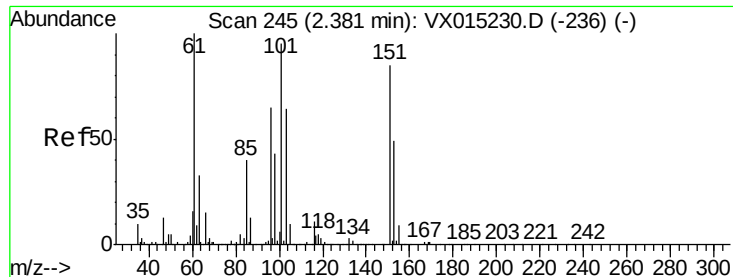


#8

Diethyl Ether
Concen: 16.835 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.631 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

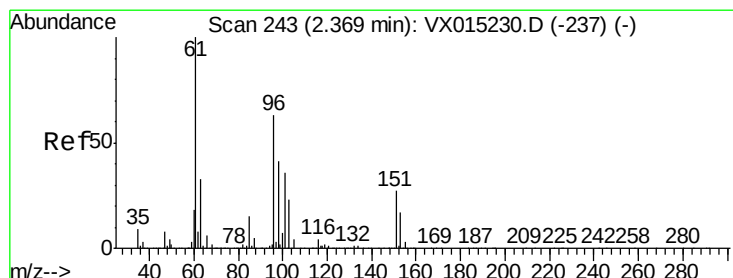
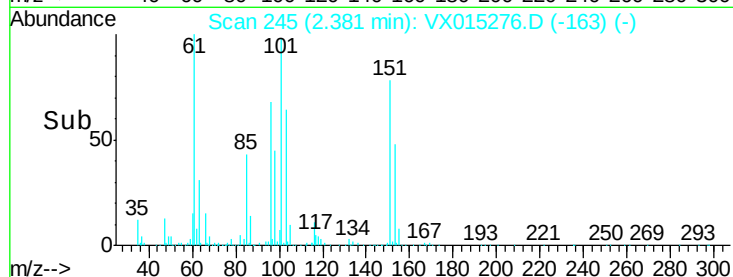
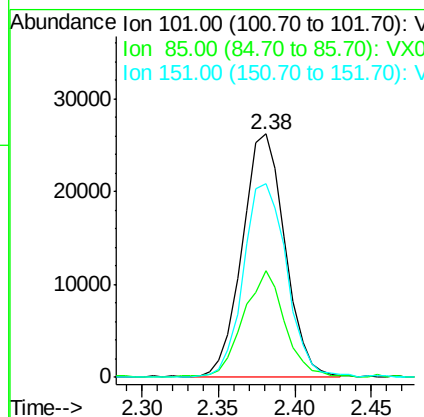
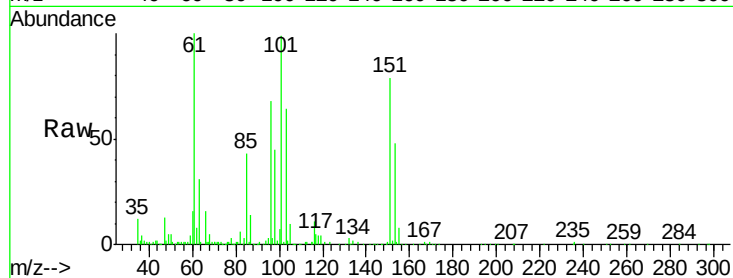
ClientSampleId :

VX0313WBSD02

Tot Ion:	101	Resp:	51031
Ion Ratio	Lower	Upper	
101	100		
85	41.8	0.0	82.0
151	81.0	0.0	165.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 16.706 ug/l

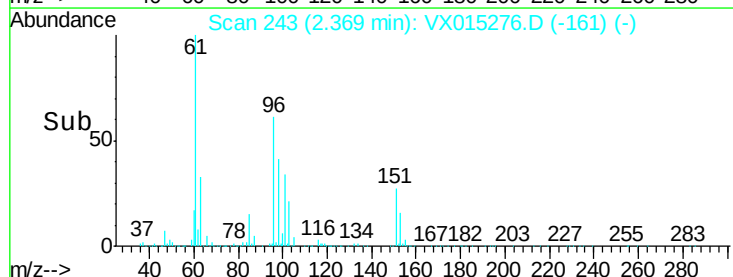
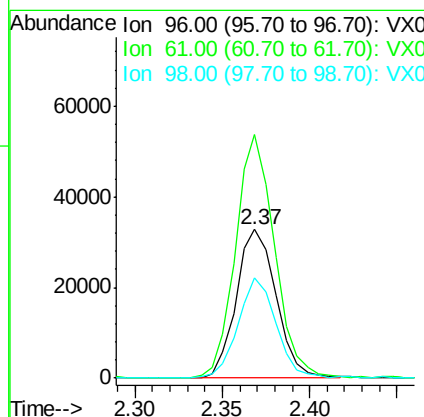
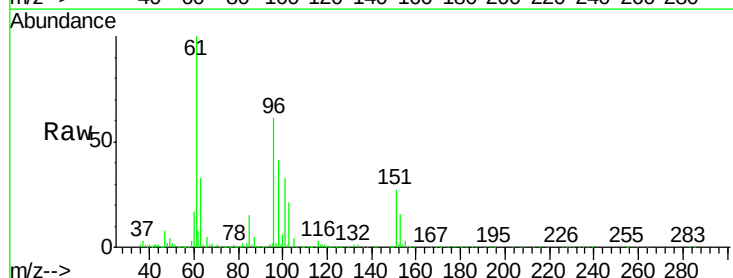
RT: 2.37 min Scan# 243

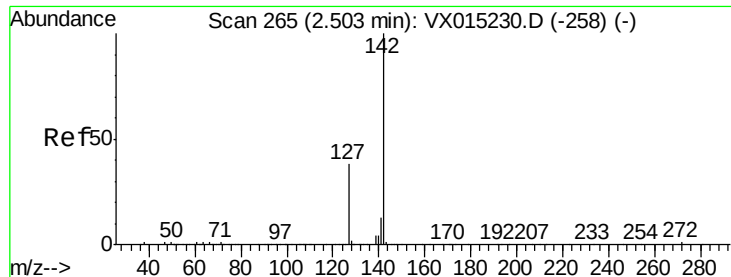
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	96	Resp:	51681
Ion Ratio	Lower	Upper	
96	100		
61	164.3	126.2	189.2
98	67.1	52.1	78.1





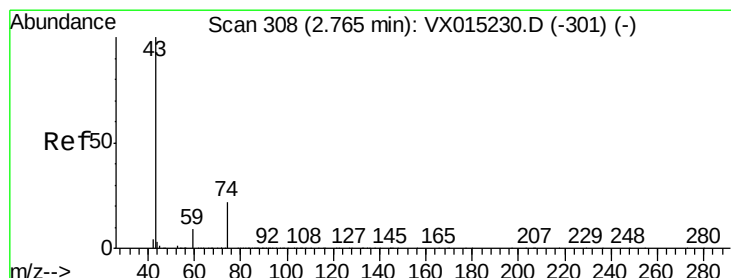
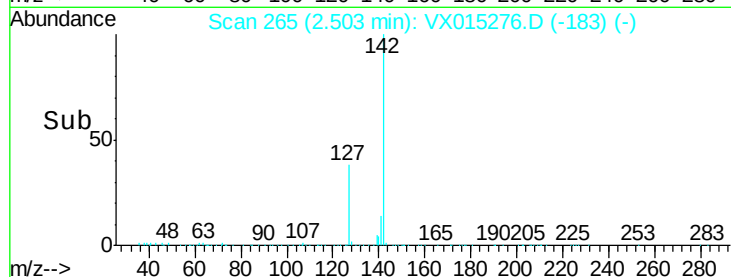
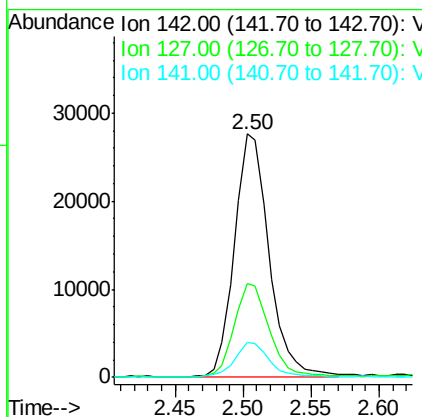
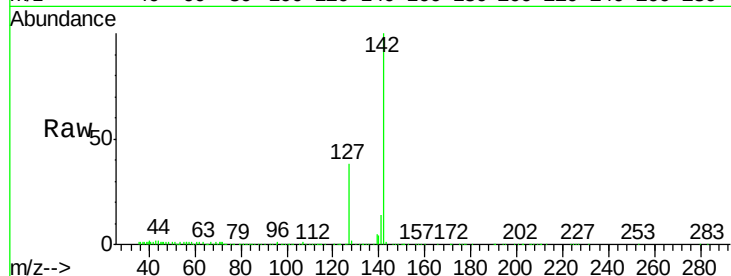
#11
Methvl Iodide
Concen: 15.470 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.8	18.9	56.9
141	14.3	6.6	19.7

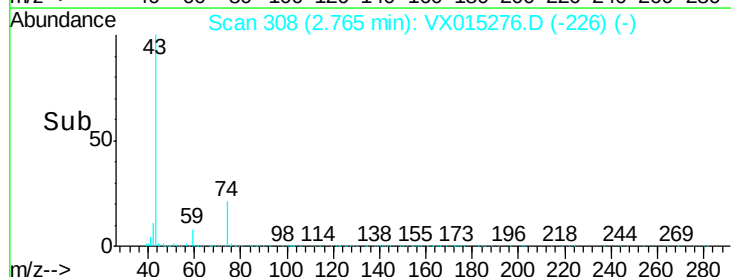
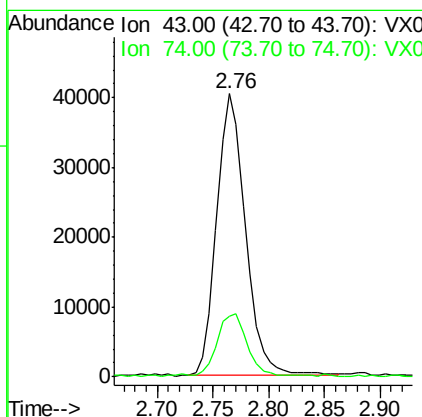
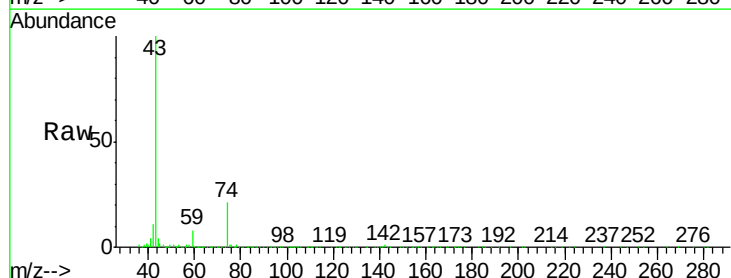
Manual Integrations
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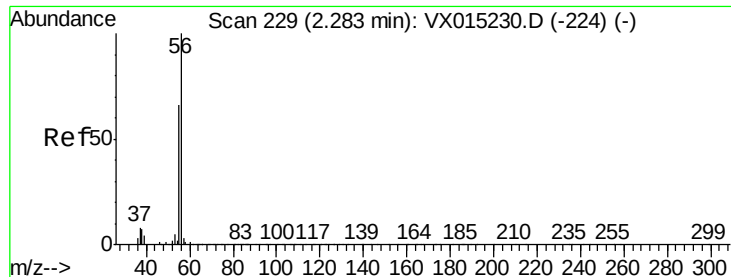
MMDadoda
3/16/2020 2:07:36 PM



#12
Methyl Acetate
Concen: 18.979 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.0	27.0





#13

Acrolein

Concen: 70.453 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 56 Resp: 42458

Ion Ratio Lower Upper

56 100

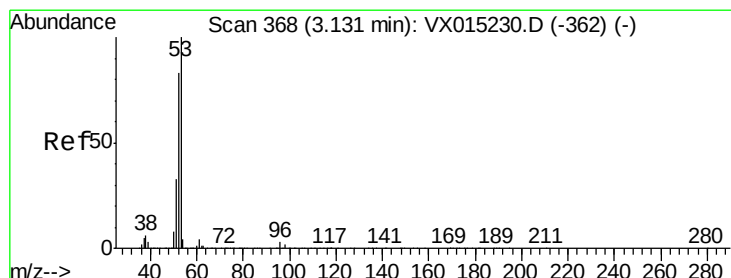
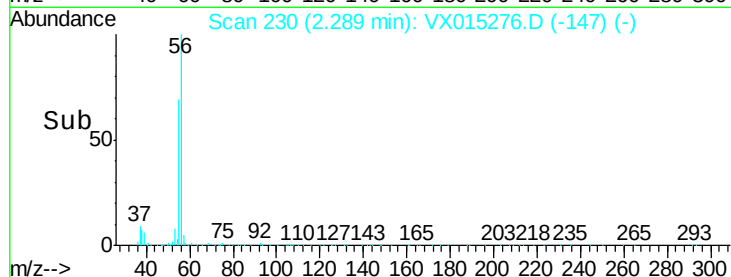
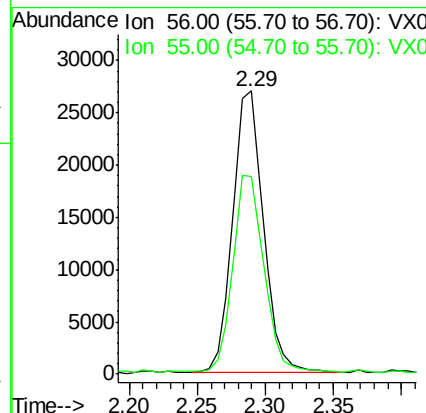
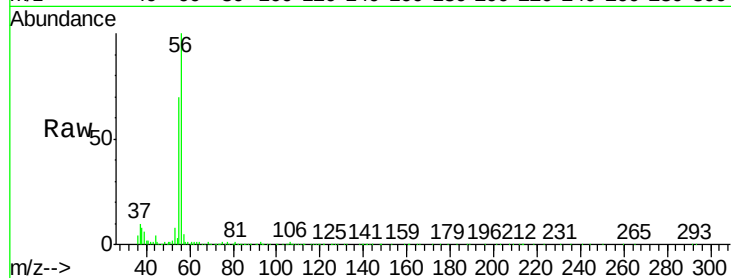
55 70.9 55.1 82.7

Manual Integrations

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#14

Acrylonitrile

Concen: 95.051 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

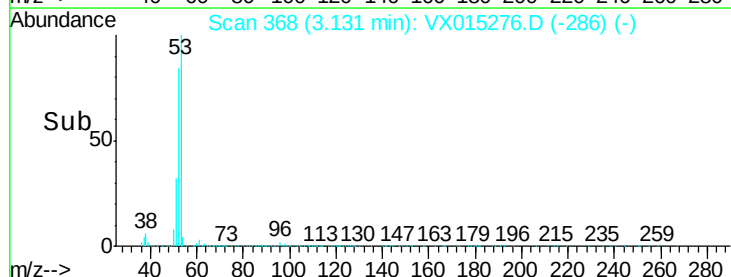
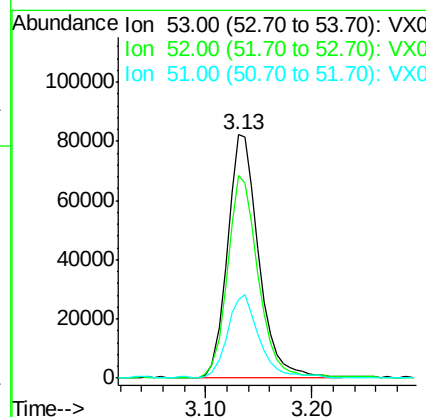
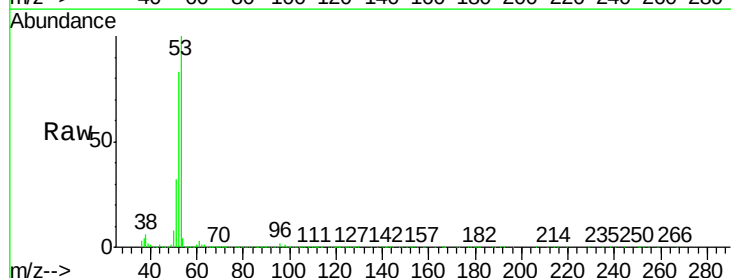
Tgt Ion: 53 Resp: 168319

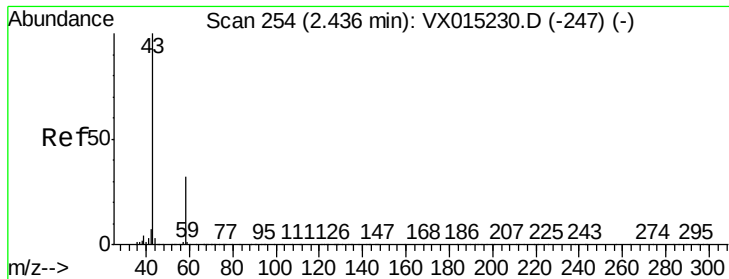
Ion Ratio Lower Upper

53 100

52 81.5 41.5 124.5

51 33.7 17.7 53.1





#15

Acetone

Concen: 79.867 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 58 Resp: 41498

Ion Ratio Lower Upper

58 100

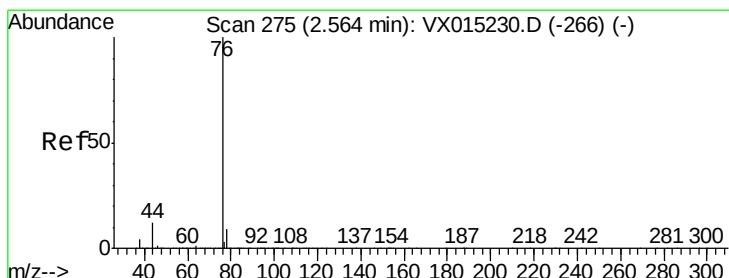
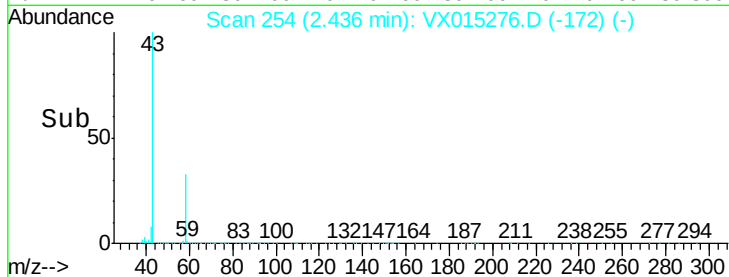
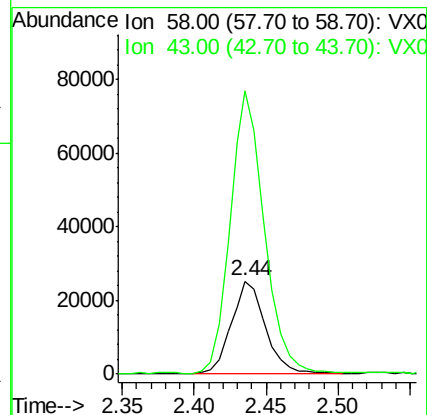
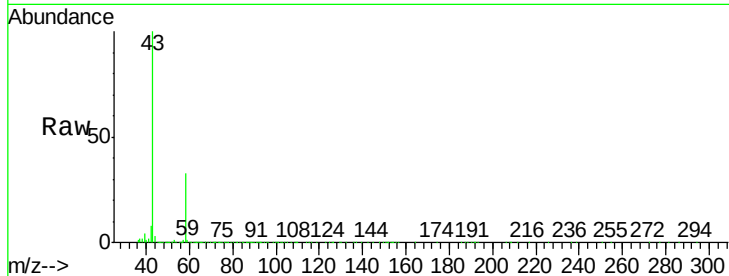
43 305.8 248.7 373.1

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.332 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015276.D

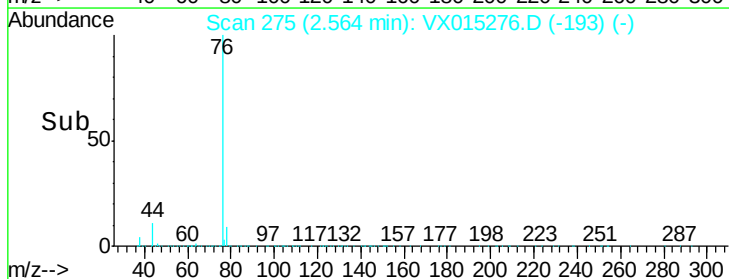
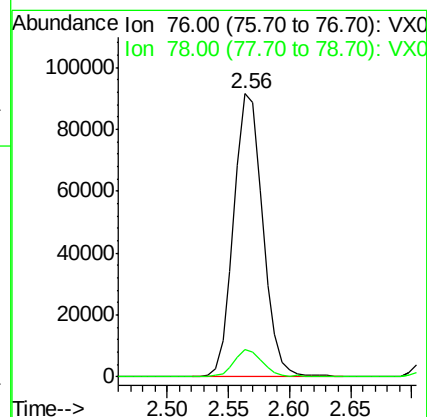
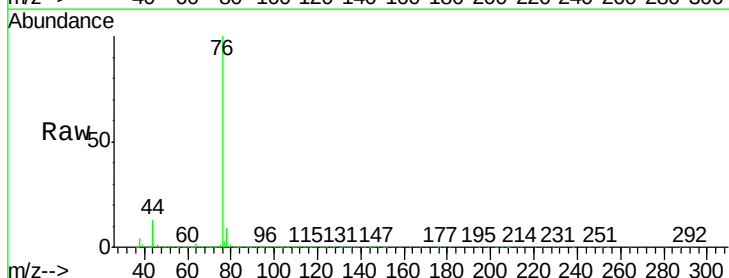
Acq: 13 Mar 2020 22:52

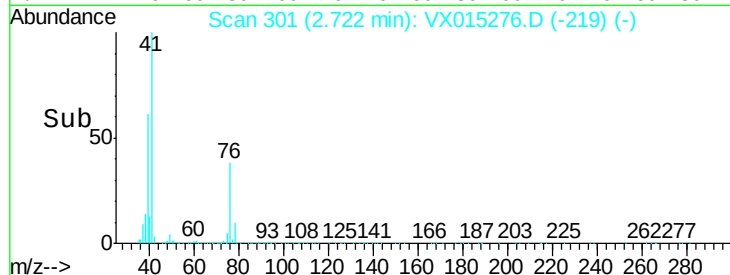
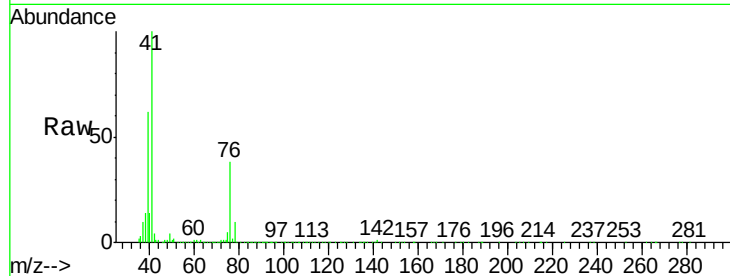
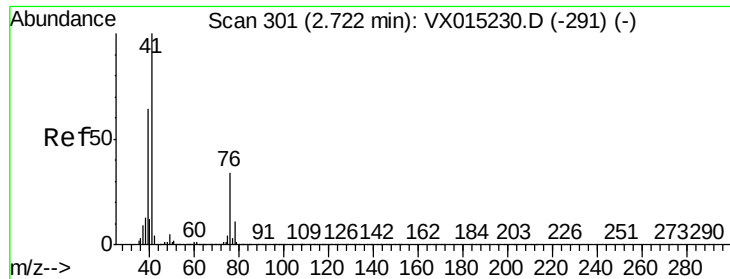
Tgt Ion: 76 Resp: 150143

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





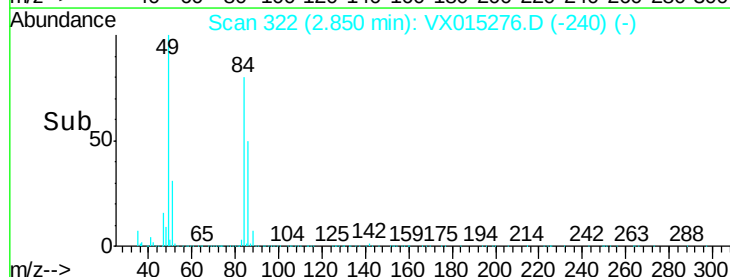
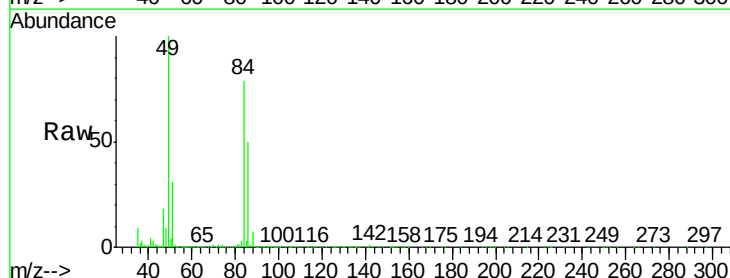
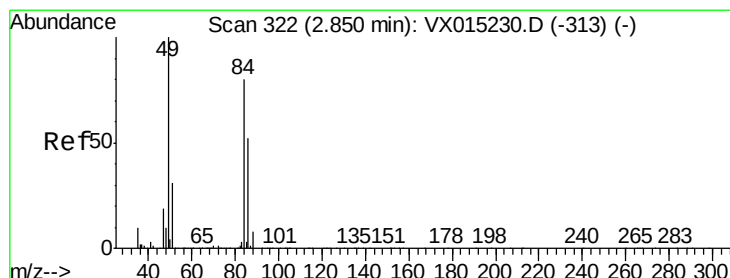
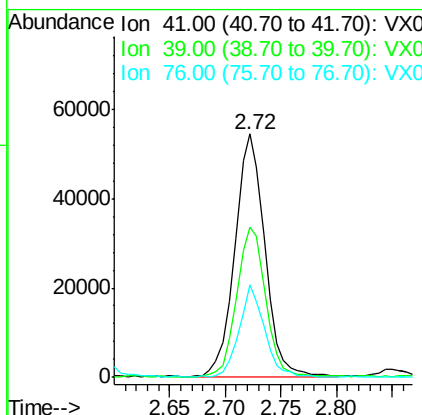
#17
Allvl chloride
Concen: 17.617 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.5	32.1	96.5
76	37.8	17.2	51.5

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

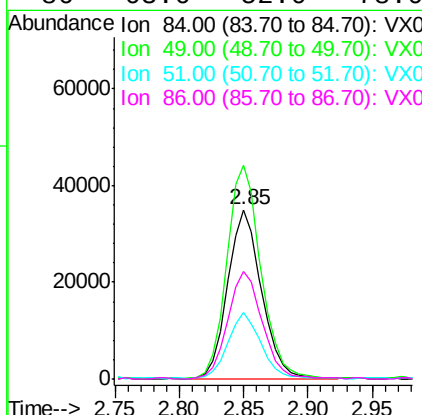
Manual Integrations
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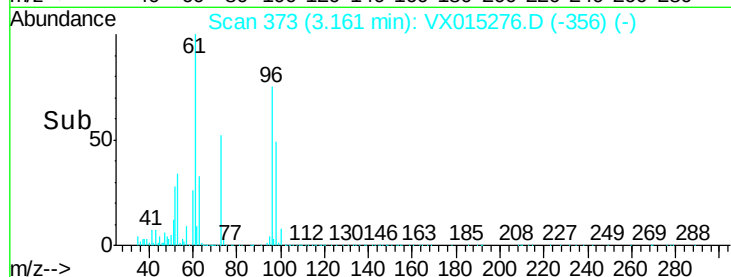
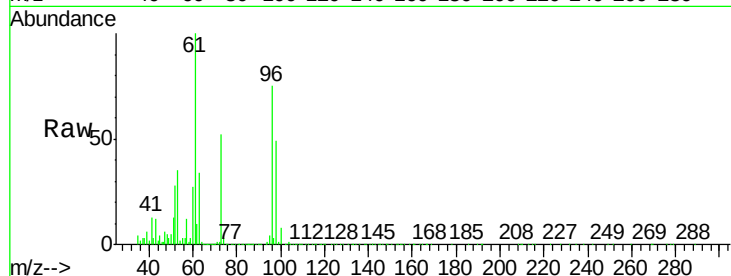
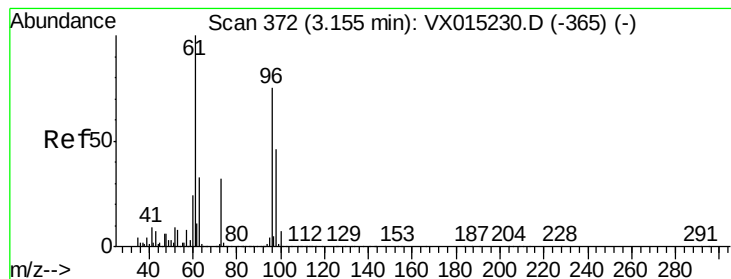
MMDadoda
3/16/2020 2:07:36 PM



#18
Methylene Chloride
Concen: 18.427 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	99.5	149.3
51	39.3	31.0	46.6
86	63.6	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 18.739 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015276.D

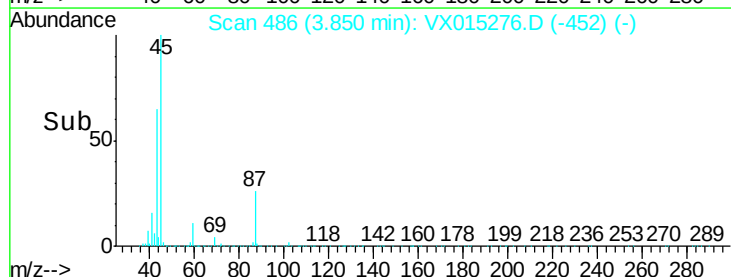
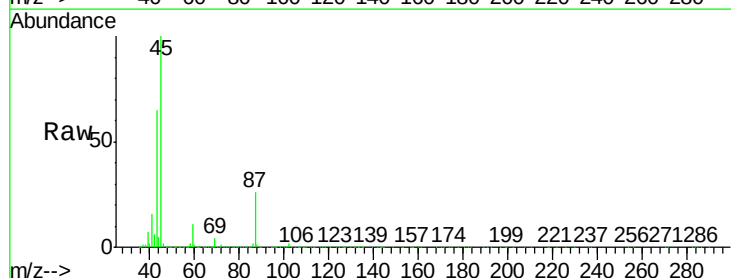
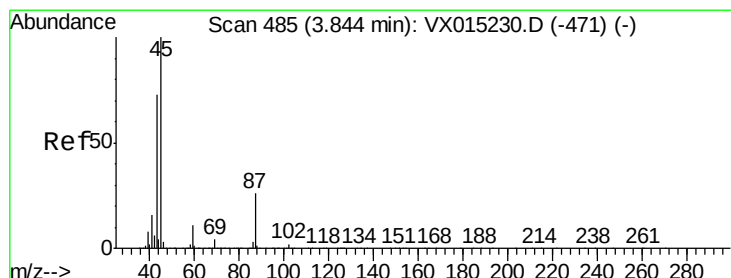
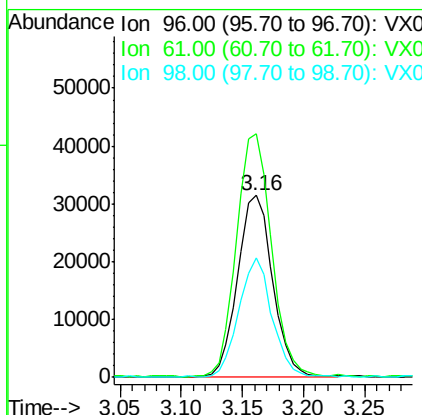
Acq: 13 Mar 2020 22:52

Tot Ion:	96	Resp:	62529
Ion	Ratio	Lower	Upper
96	100		
61	133.7	106.3	159.5
98	65.1	49.1	73.7

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.964 ug/l

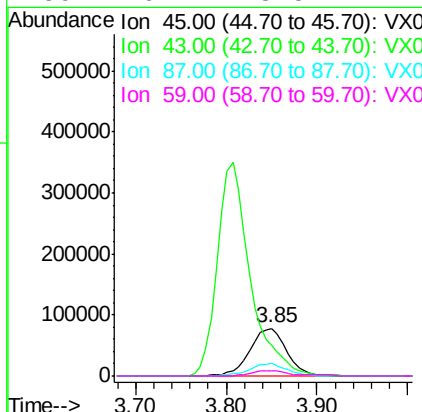
RT: 3.85 min Scan# 486

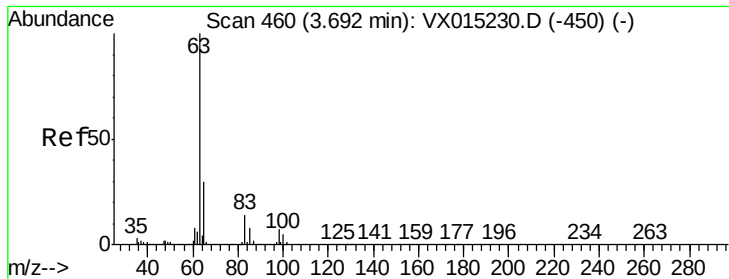
Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	45	Resp:	216204
Ion	Ratio	Lower	Upper
45	100		
43	64.3	58.6	87.8
87	26.2	21.0	31.4
59	10.7	8.5	12.7





#21

1,1-Dichloroethane

Concen: 18.894 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

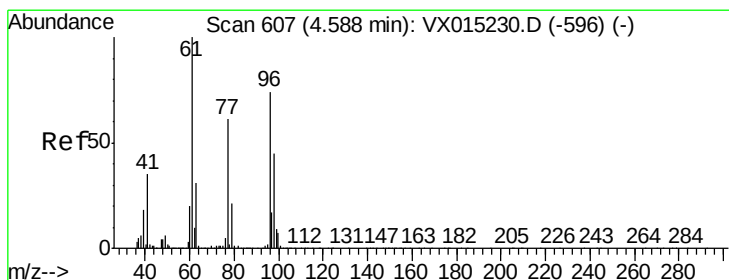
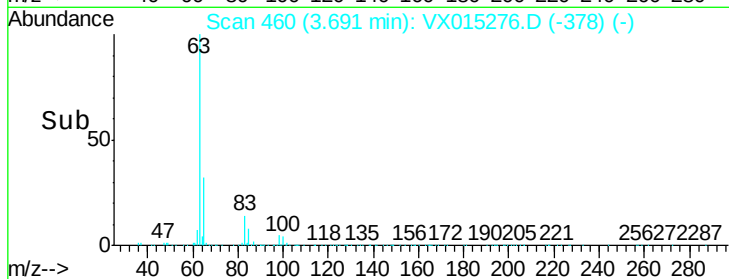
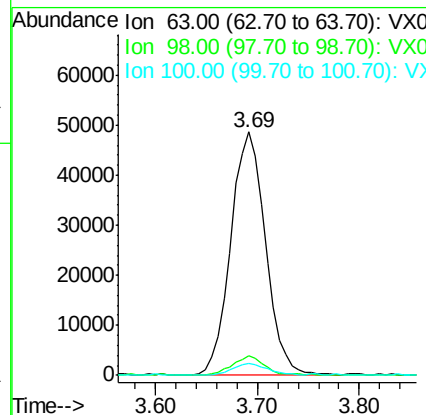
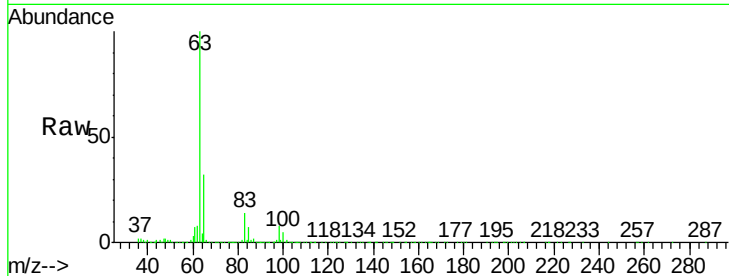
ClientSampleId :

VX0313WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
63	100	114135		
98	7.7	3.5	10.6	
100	4.6	2.4	7.1	

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.011 ug/l

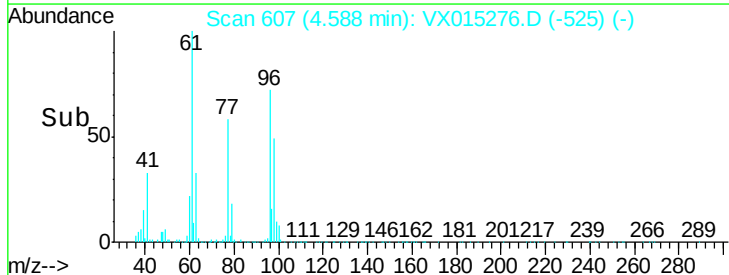
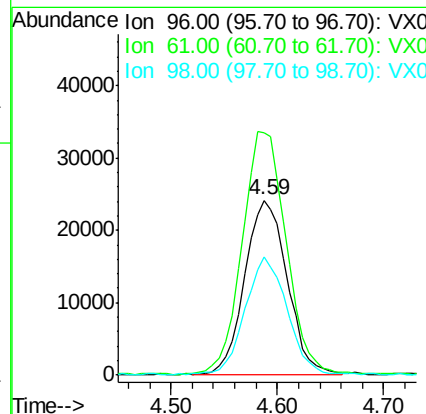
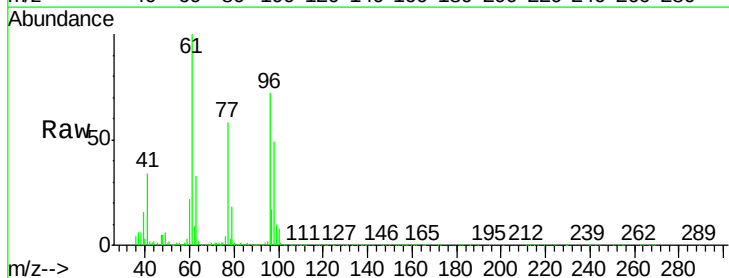
RT: 4.59 min Scan# 607

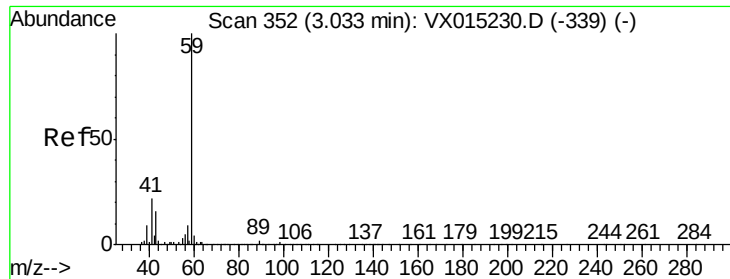
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	67935		
61	142.6	111.4	167.0	
98	66.6	50.1	75.1	





#23

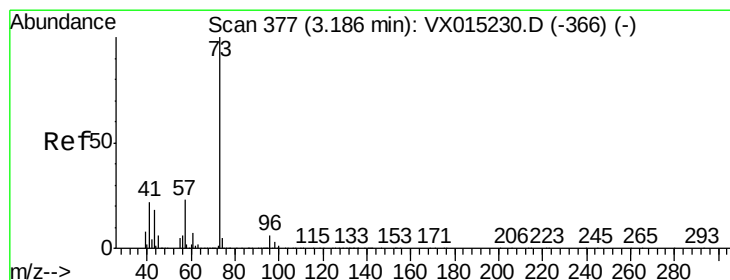
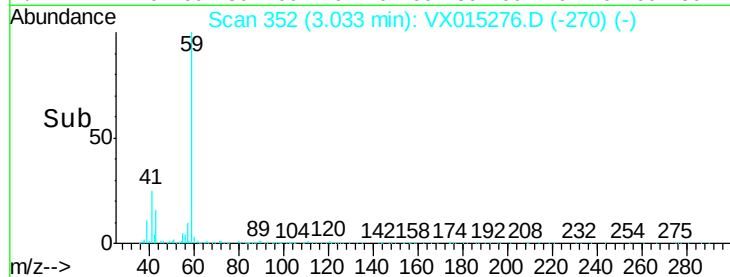
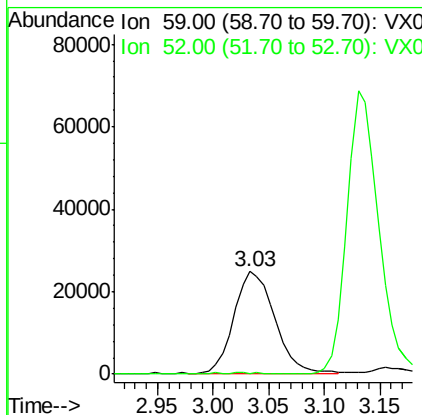
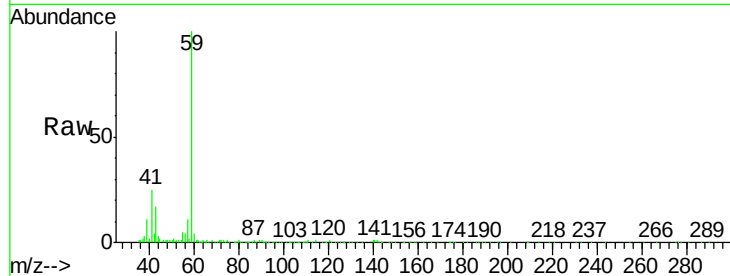
tert-Butyl Alcohol
Concen: 91.214 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

Manual Integrations
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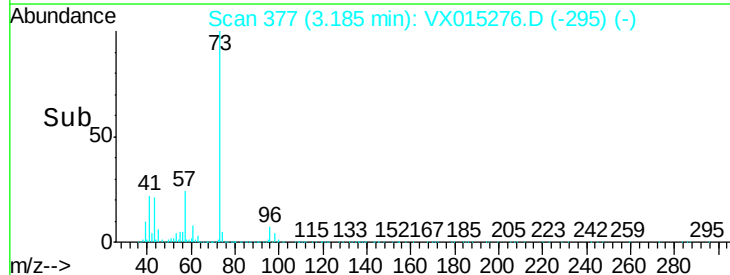
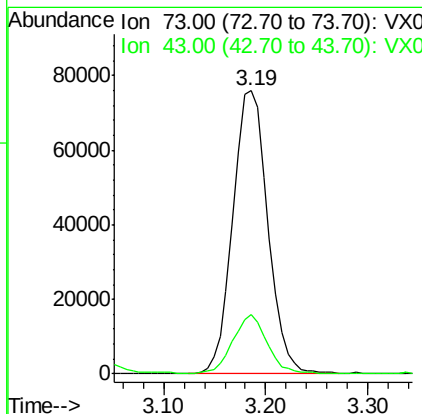
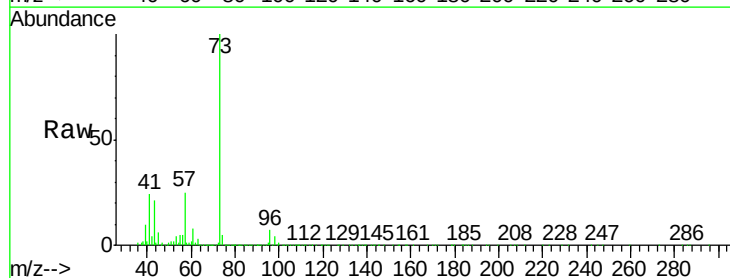
MMDadoda
3/16/2020 2:07:36 PM

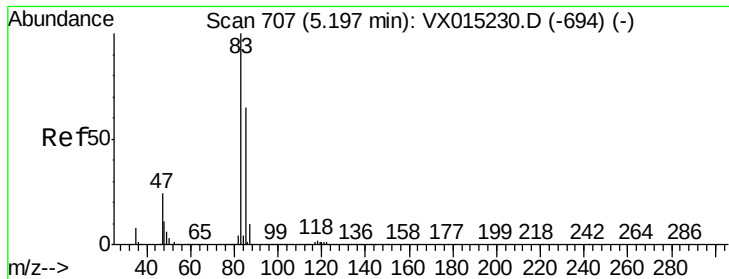


#24

Methyl tert-Butyl Ether
Concen: 17.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.9	23.9





#25

Chloroform

Concen: 19.122 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 83 Resp: 109882

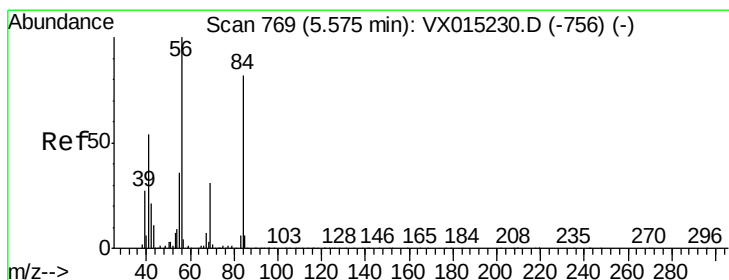
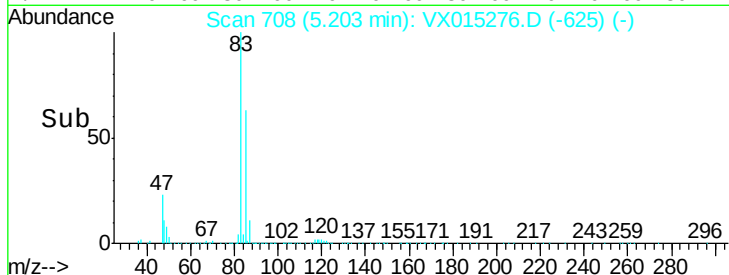
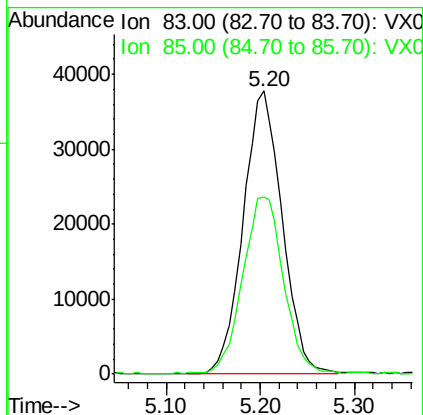
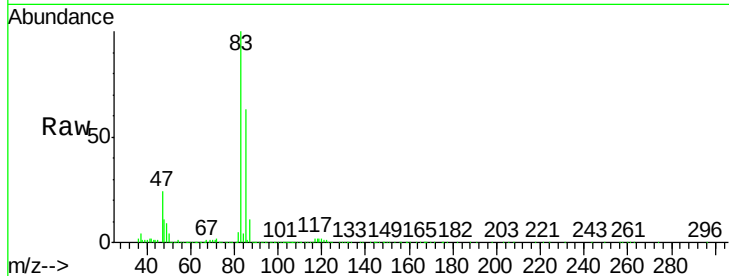
Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.2

Manual Integrations
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#26

Cyclohexane

Concen: 17.975 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

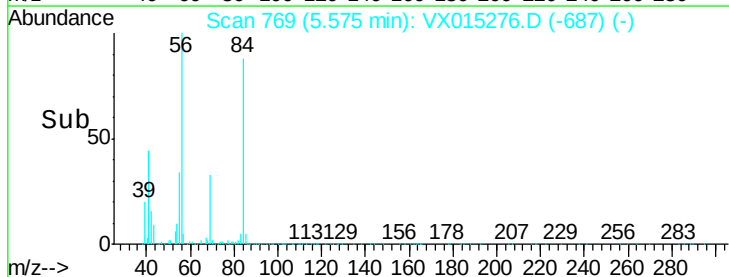
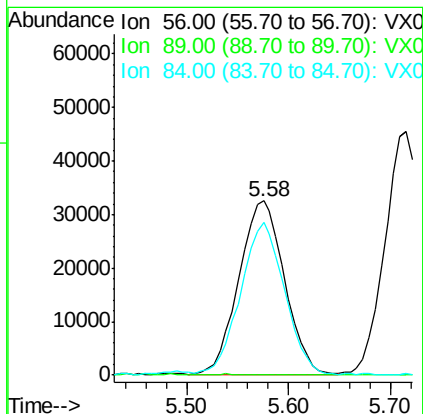
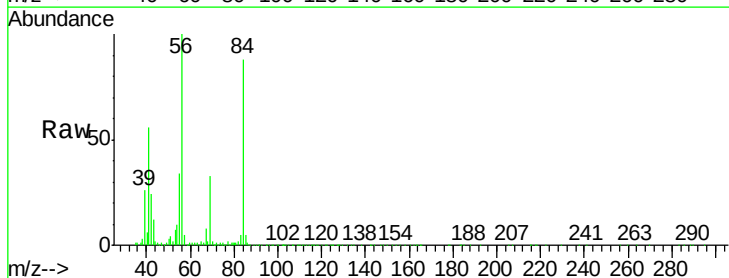
Tgt Ion: 56 Resp: 100904

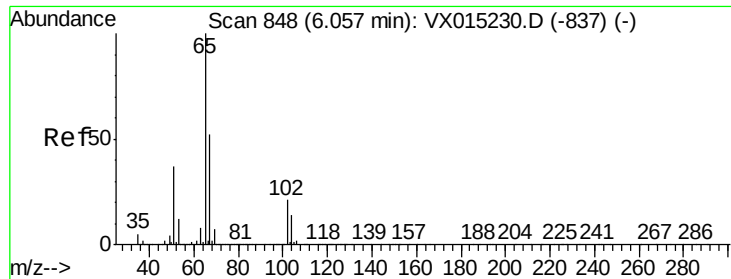
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 84.6 68.2 102.4





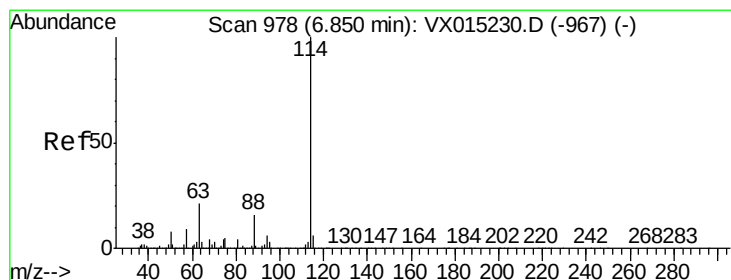
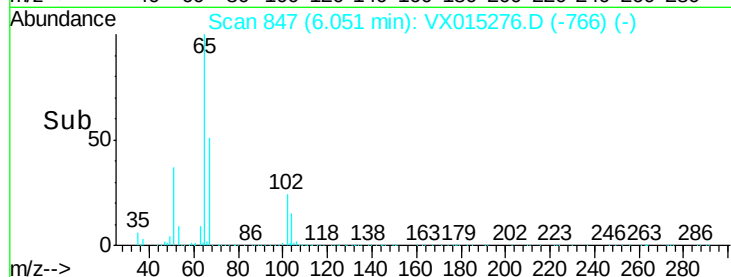
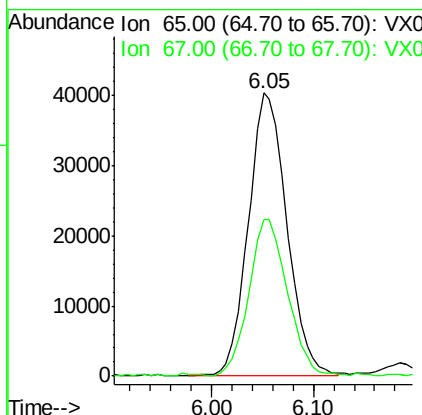
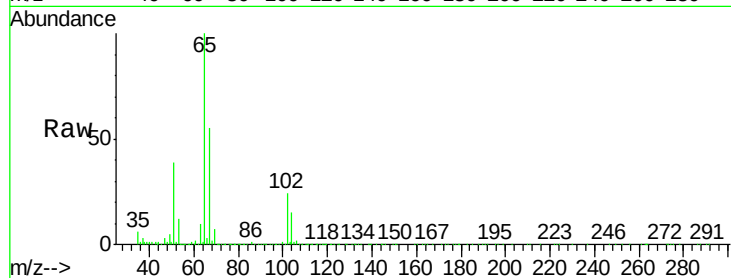
#27
 1,2-Dichloroethane-d4
 Concen: 29.475 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	43.5	65.3

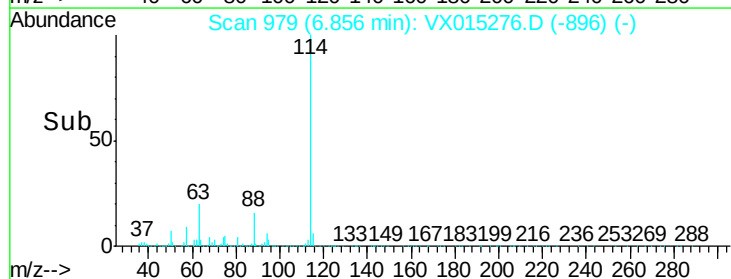
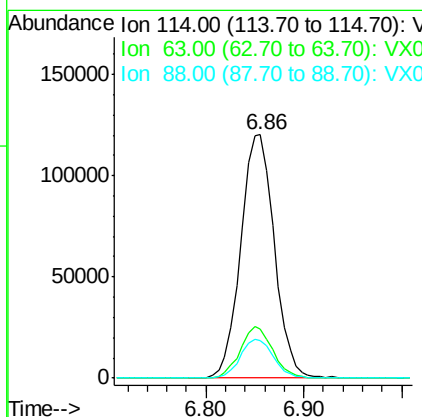
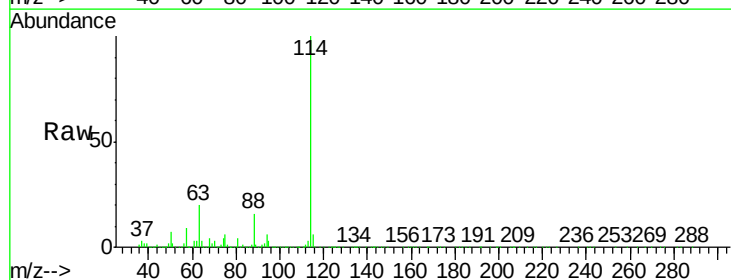
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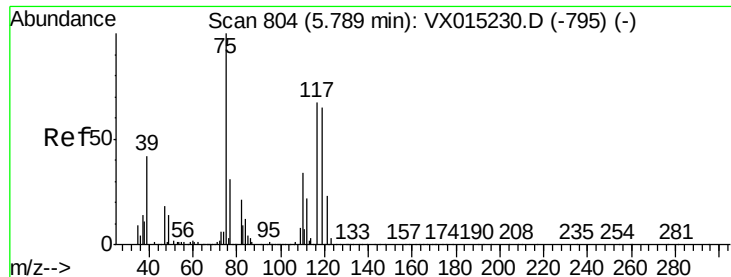
MMDadoda
 3/16/2020 2:07:36 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.6	24.8
88	15.9	12.6	19.0





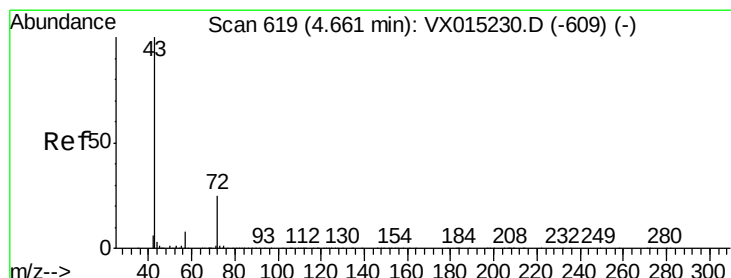
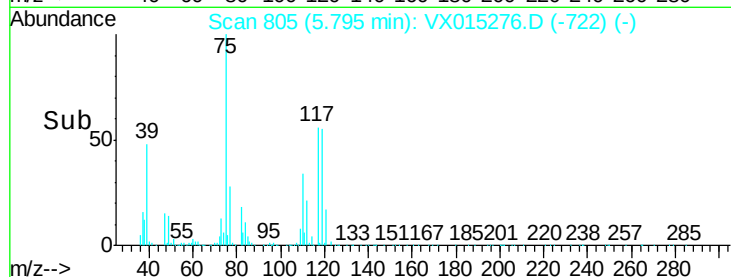
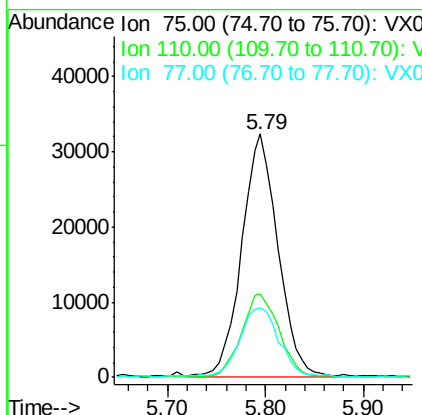
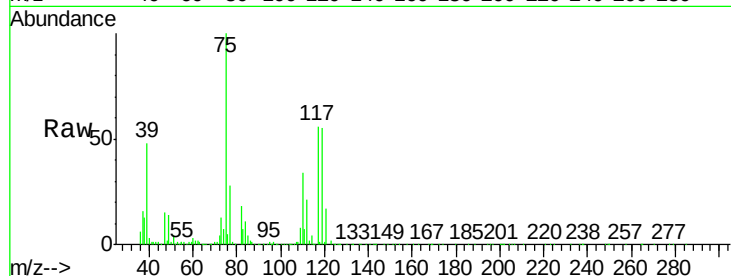
#29
 1,1-Dichloropropene
 Concen: 18.829 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	73.6
77	30.3	0.0	63.4

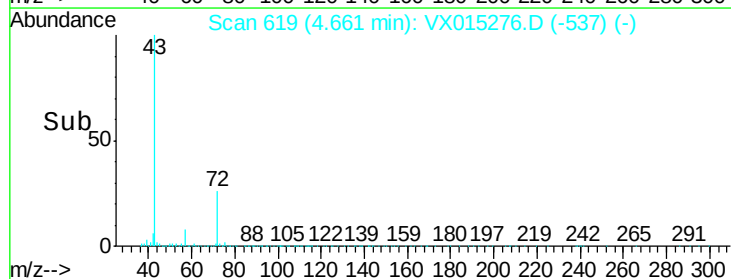
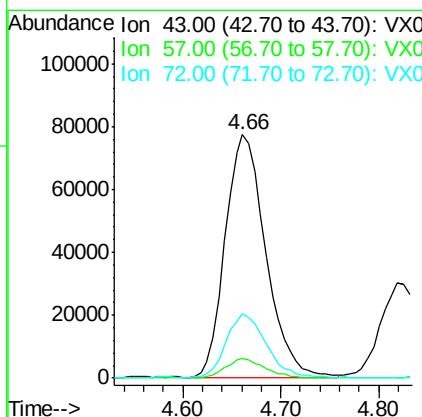
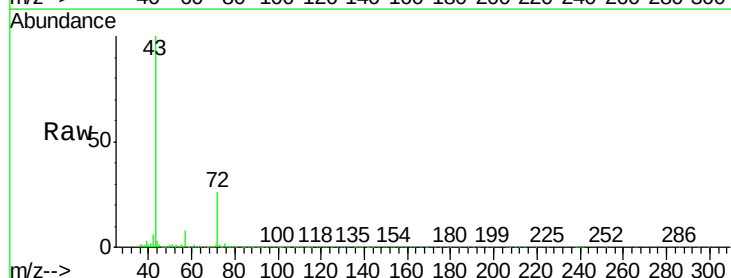
Manual Integrations
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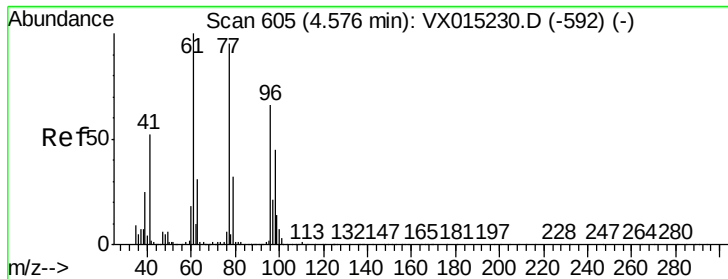
MMDadoda
 3/16/2020 2:07:36 PM



#30
 2-Butanone
 Concen: 94.113 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.4	9.6
72	25.6	19.9	29.9





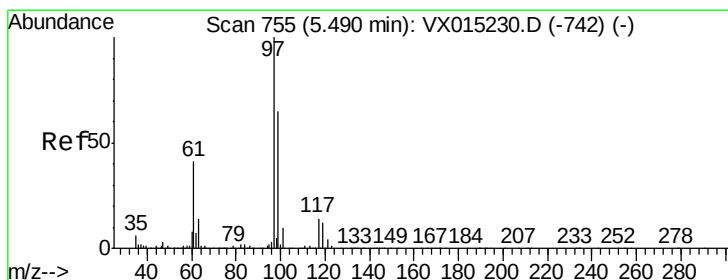
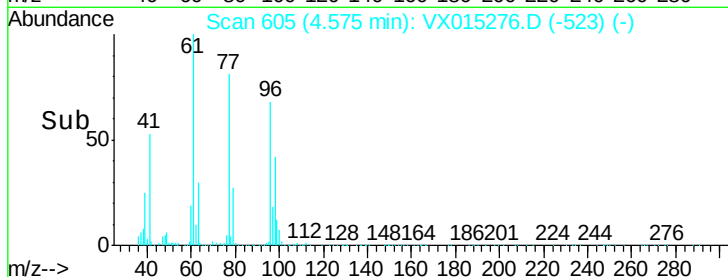
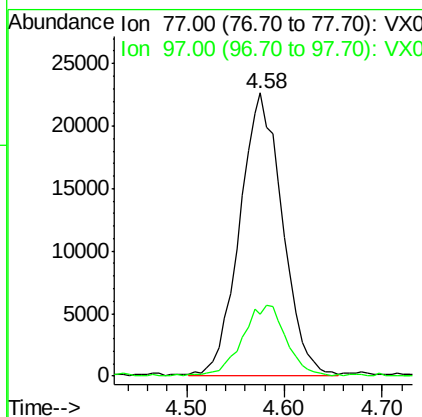
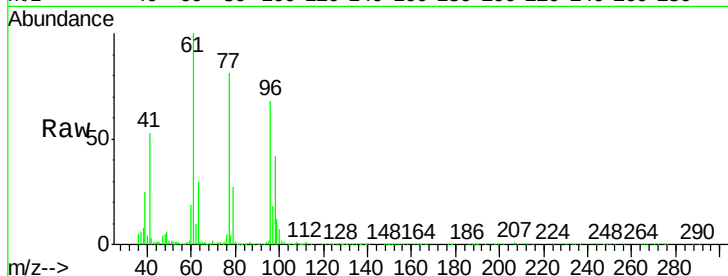
#31
 2,2-Dichloropropane
 Concen: 15.211 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
77	100		
97	25.7	19.8	29.6

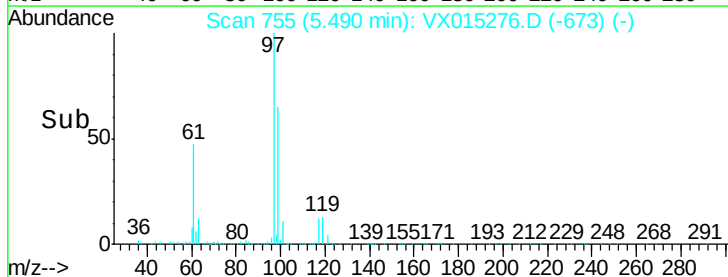
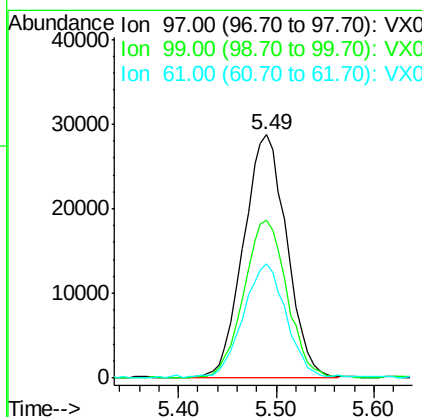
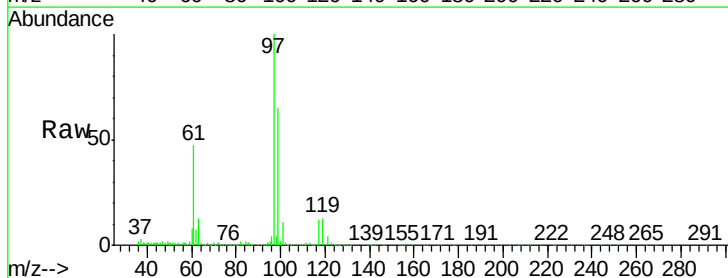
Manual Integrations
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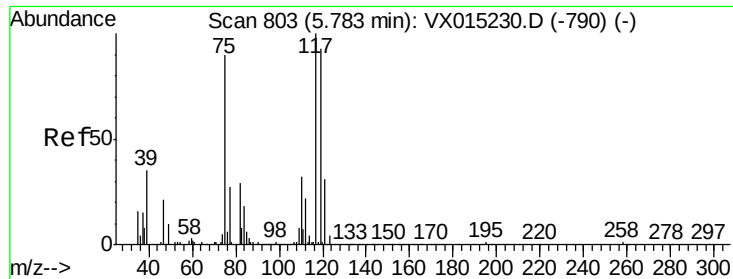
MMDadoda
 3/16/2020 2:07:36 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.539 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	45.8	35.0	52.6





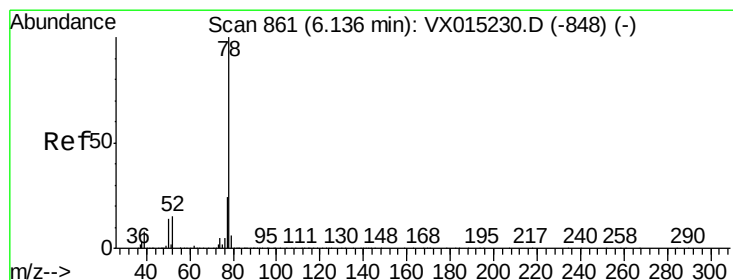
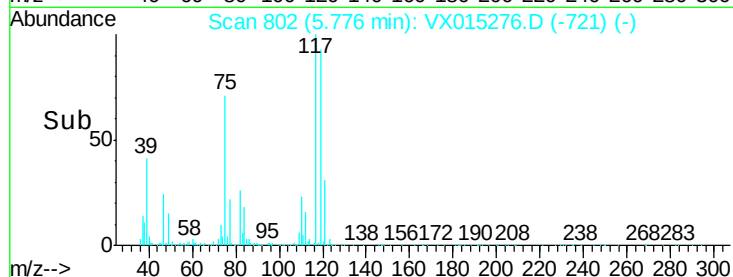
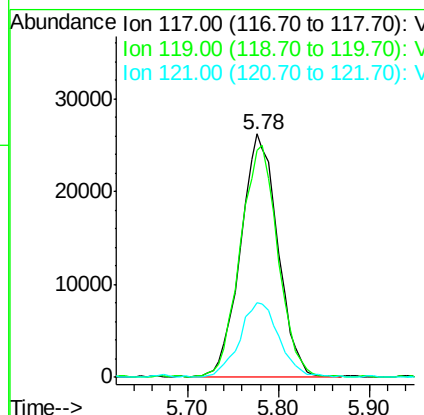
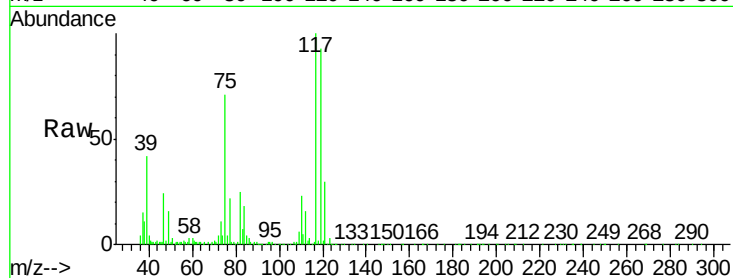
#33
Carbon Tetrachloride
Concen: 18.280 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.2	111.4
121	30.2	24.3	36.5

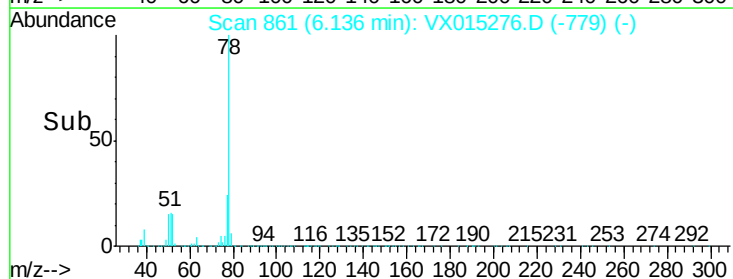
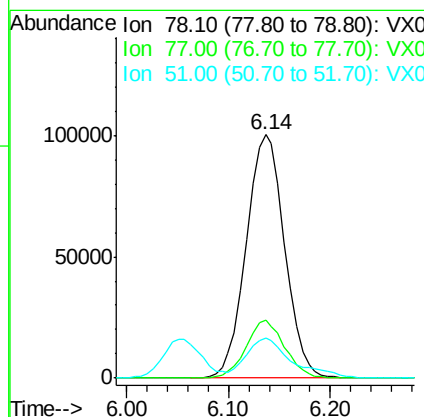
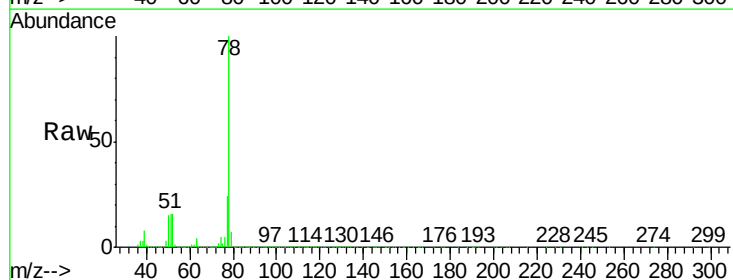
Manual Integrations
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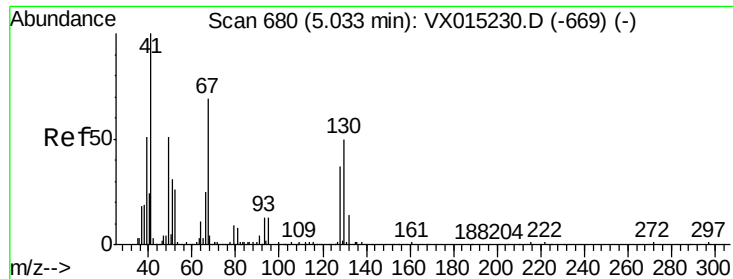
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#34
Benzene
Concen: 19.677 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7
51	15.0	13.4	20.2





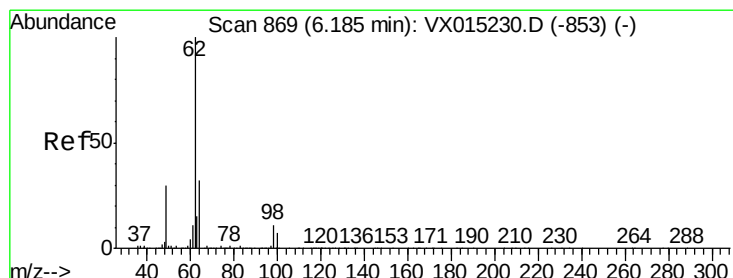
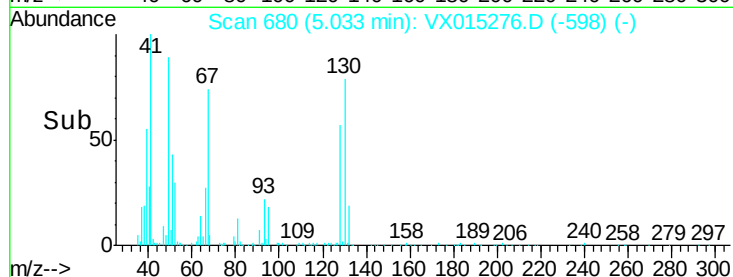
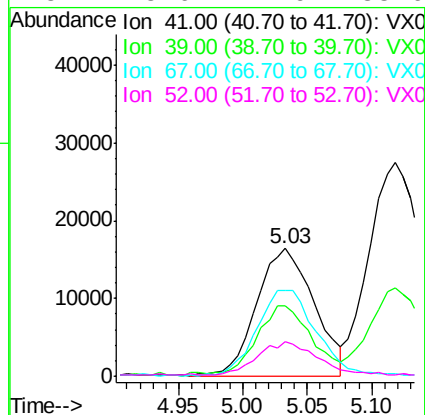
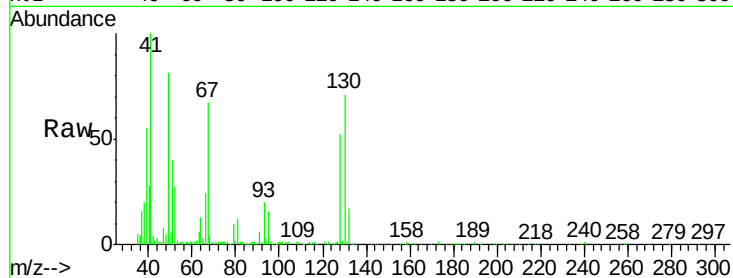
#35
Methacrylonitrile
Concen: 20.007 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.9	25.7	77.1	
67	65.6	34.3	102.8	
52	25.6	12.9	38.6	

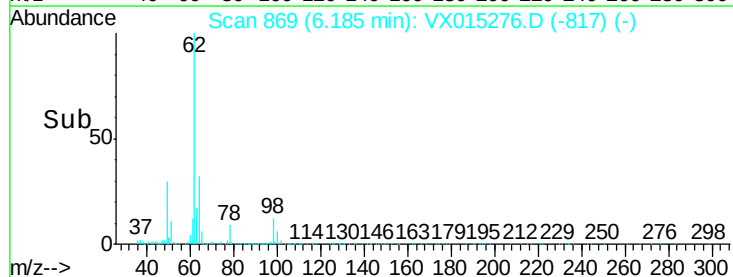
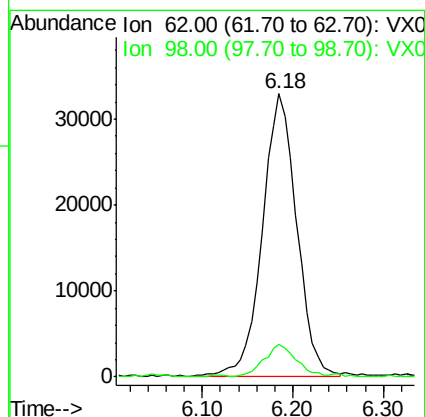
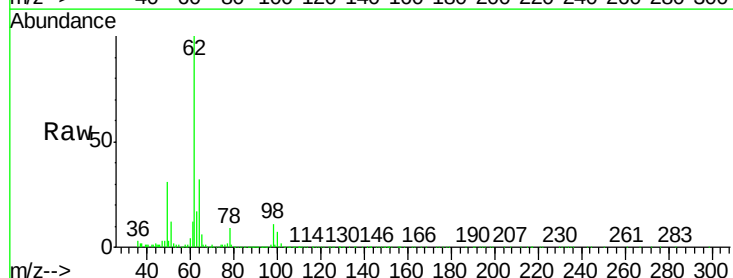
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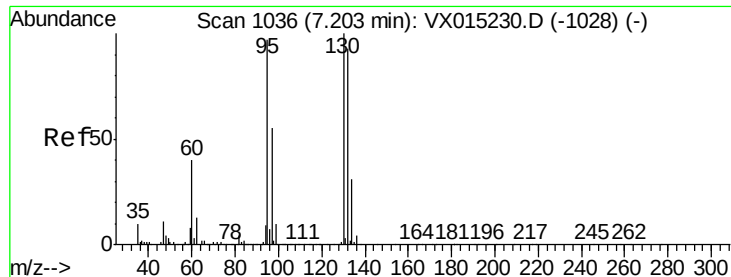
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#36
1,2-Dichloroethane
Concen: 19.506 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	8.4	12.6	





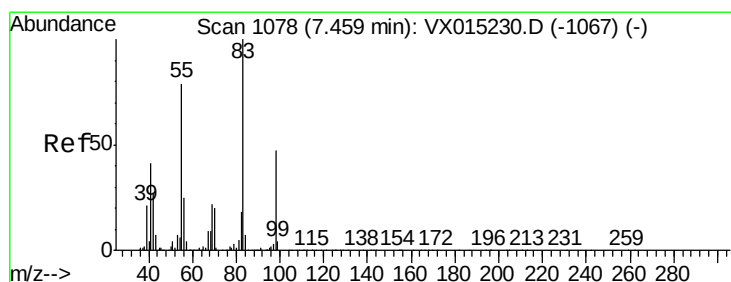
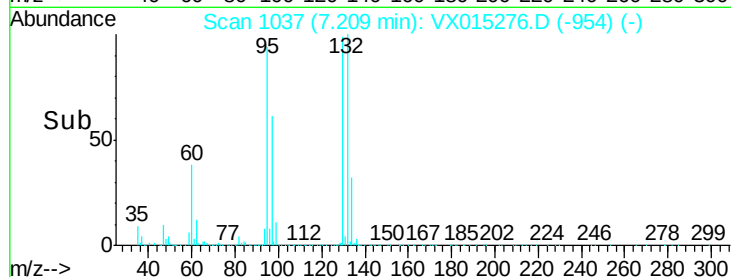
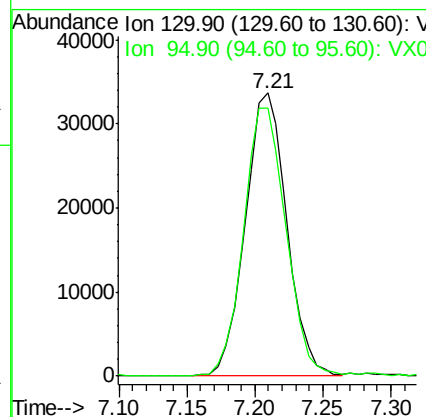
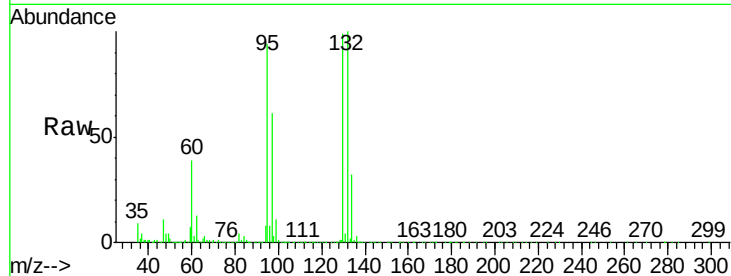
#37
 Trichloroethene
 Concen: 19.587 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion:130 Resp: 72029
 Ion Ratio Lower Upper
 130 100
 95 94.4 77.4 116.0

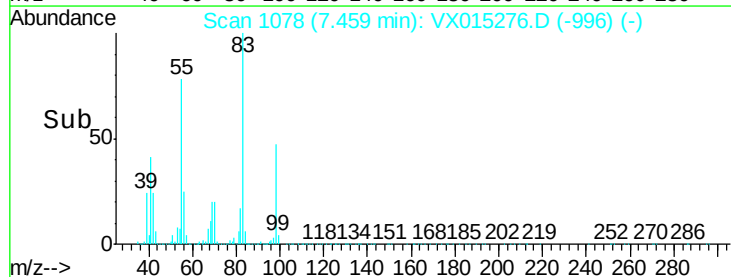
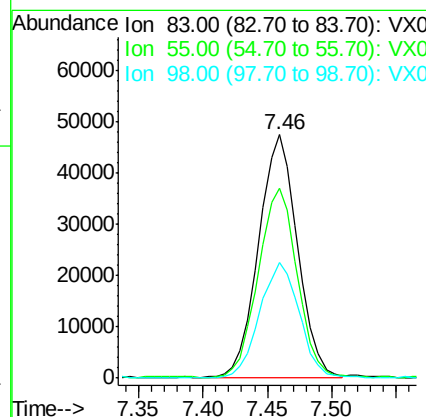
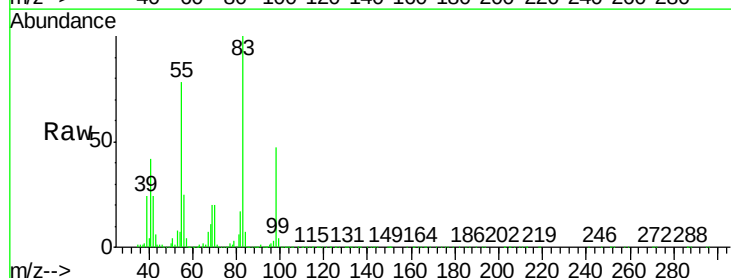
Manual Integrations
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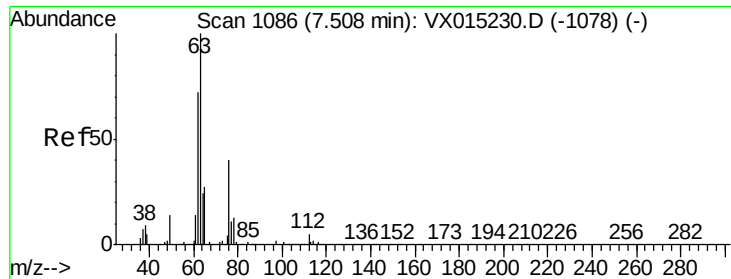
MMDadoda
 3/16/2020 2:07:36 PM



#38
 Methylcyclohexane
 Concen: 18.577 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion: 83 Resp: 99043
 Ion Ratio Lower Upper
 83 100
 55 78.3 39.1 117.2
 98 48.9 24.4 73.2





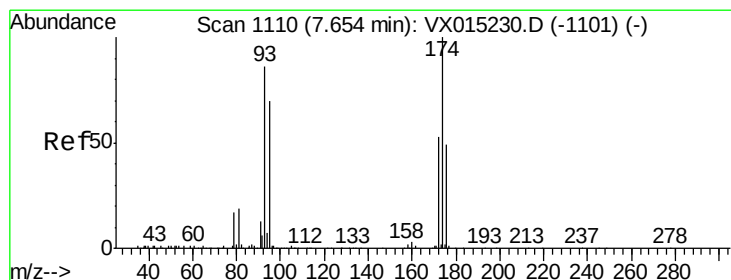
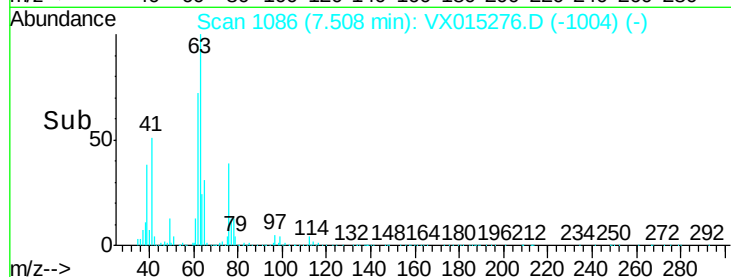
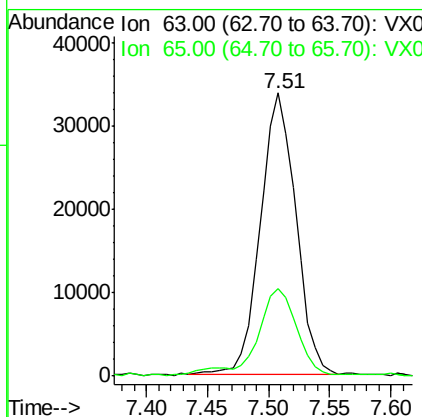
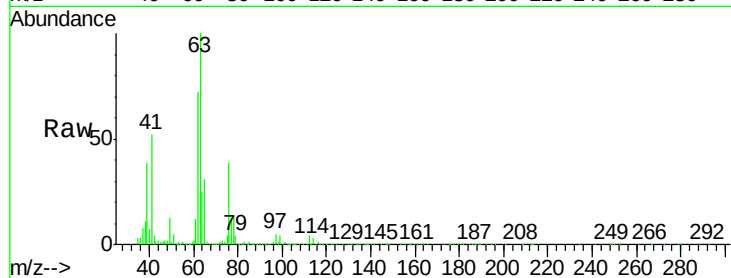
#39
 1,2-Dichloropropane
 Concen: 19.949 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.2	34.8

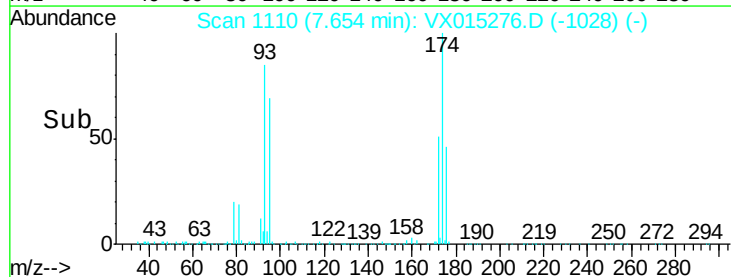
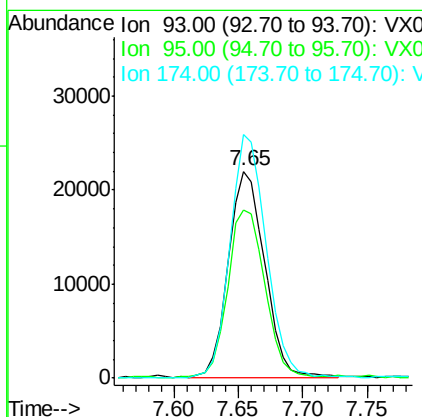
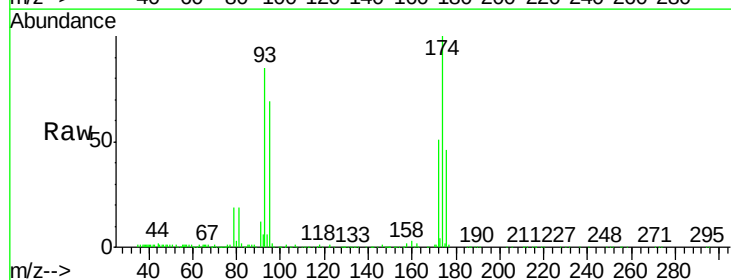
Manual Integrations
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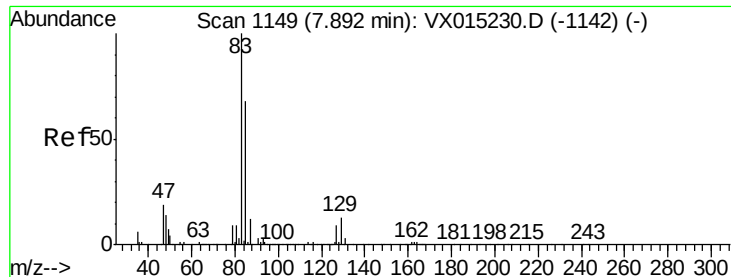
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 3/16/2020 2:07:36 PM



#40
 Dibromomethane
 Concen: 19.793 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	0.0	162.6
174	117.2	0.0	233.6





#41

Bromodichloromethane

Concen: 19.333 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

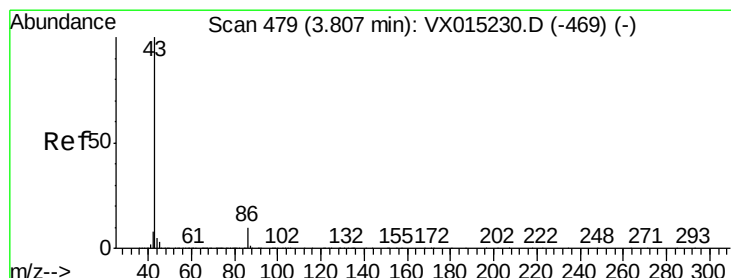
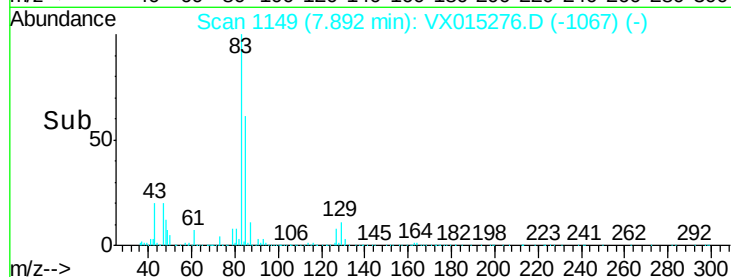
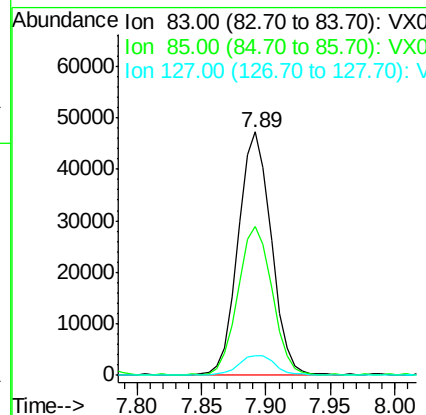
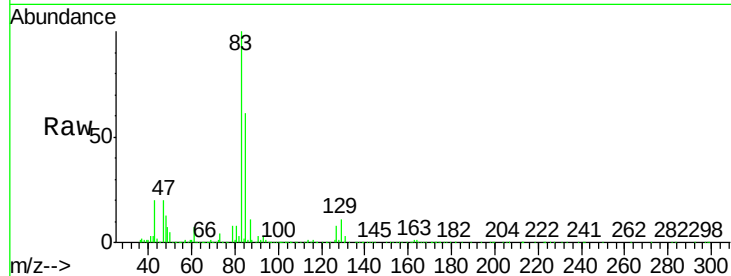
ClientSampleId :

VX0313WBSD02

Tot Ion:	83	Resp:	83478
Ion Ratio	Lower	Upper	
83	100		
85	60.8	54.2	81.4
127	7.9	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 96.070 ug/l

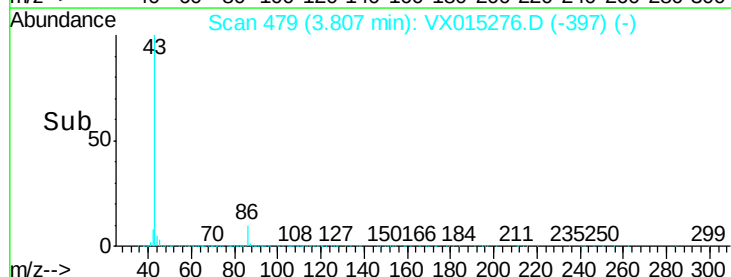
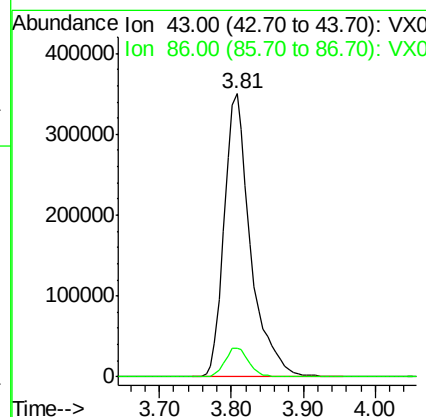
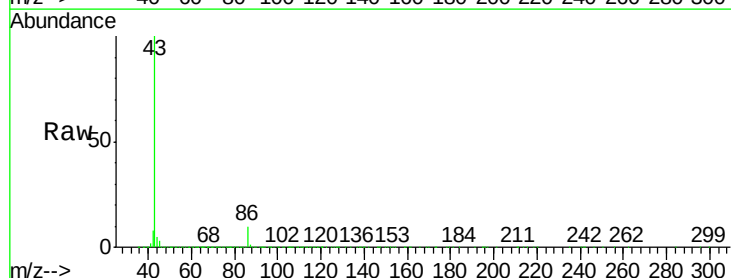
RT: 3.81 min Scan# 479

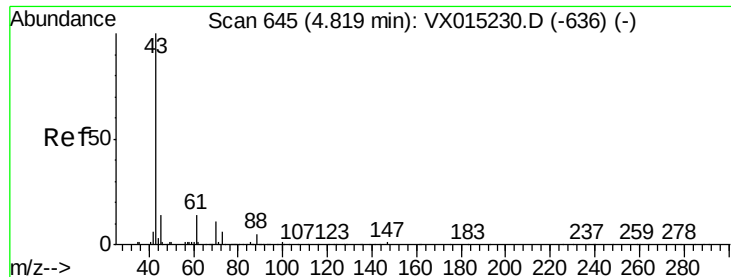
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	43	Resp:	890271
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.4	11.2





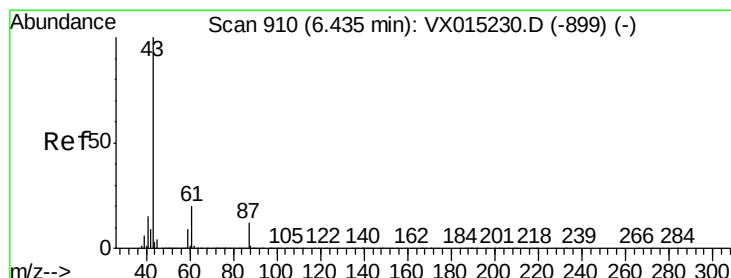
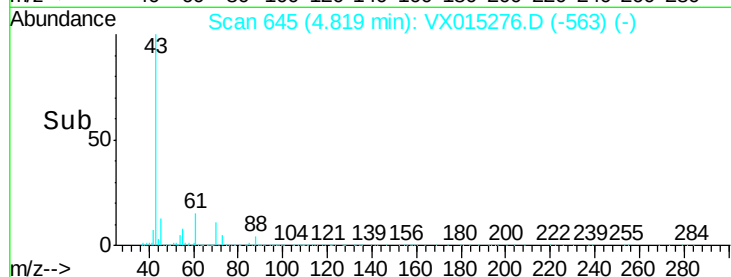
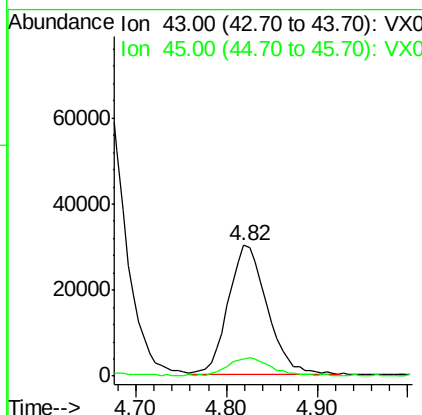
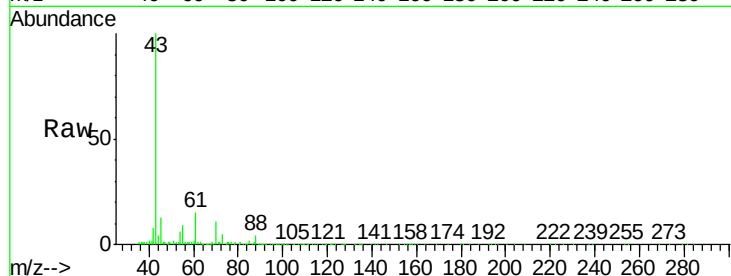
#43
Ethyl Acetate
Concen: 20.147 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD02

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	16.2	11.7	17.5	

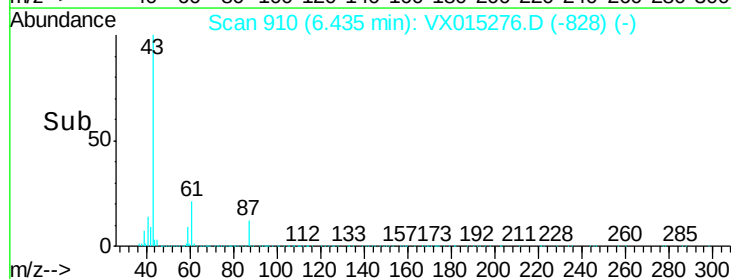
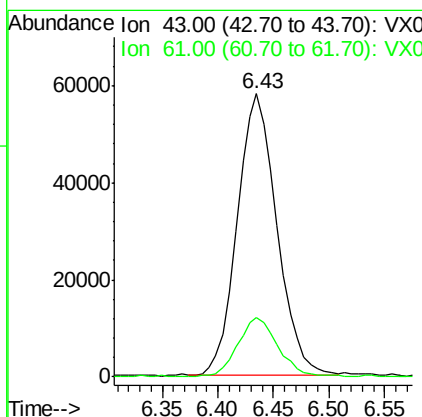
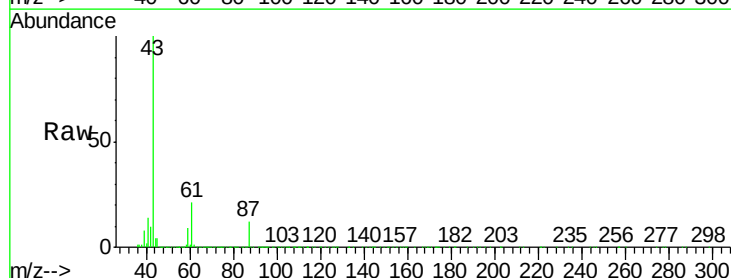
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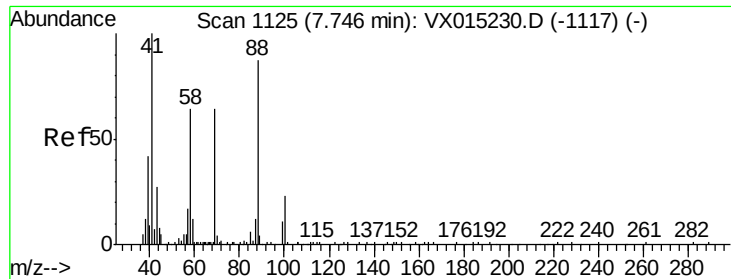
MMDadoda
3/16/2020 2:07:36 PM



#44
Isopropyl Acetate
Concen: 19.021 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	21.6	17.0	25.4	





#45

1,4-Dioxane

Concen: 421.330 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

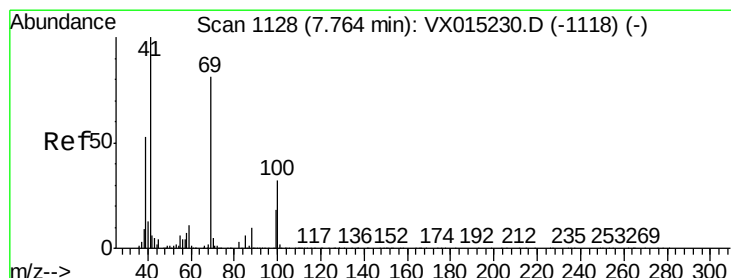
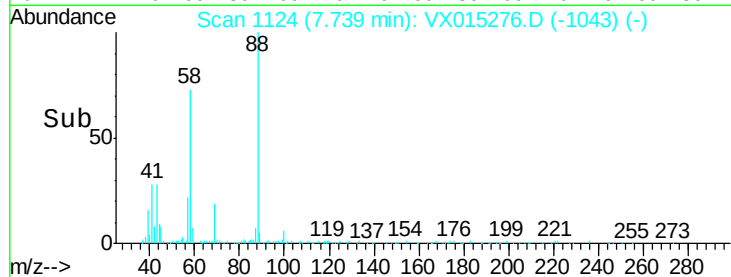
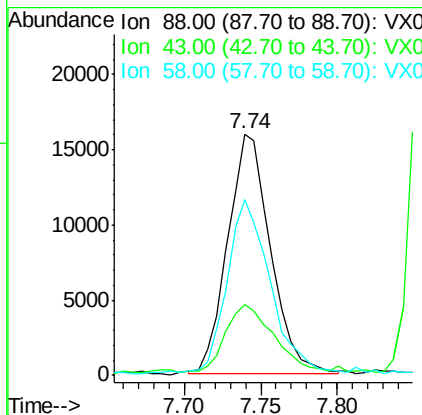
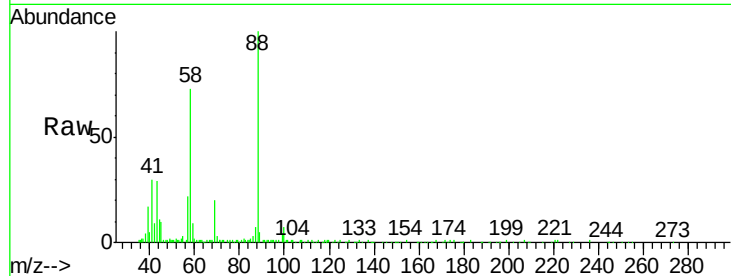
ClientSampleId :

VX0313WBSD02

Tot Ion:	88	Resp:	31207
Ion	Ratio	Lower	Upper
88	100		
43	30.8	26.4	39.6
58	74.0	57.3	85.9

Manual Integrations
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#46

Methyl methacrylate

Concen: 18.869 ug/l

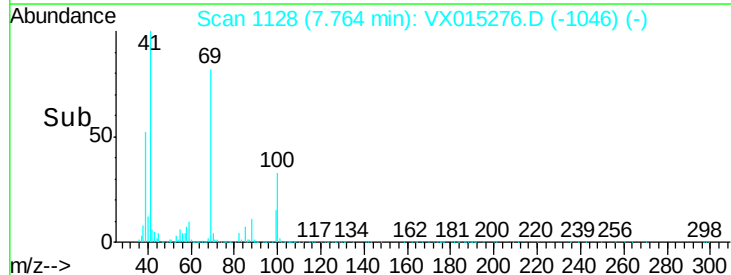
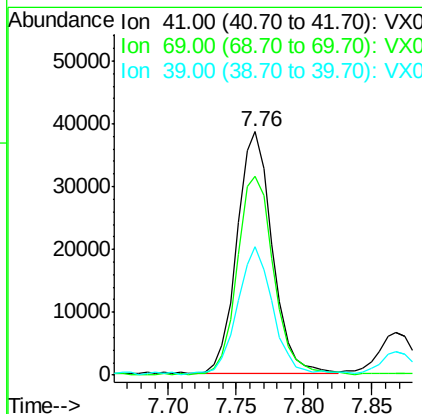
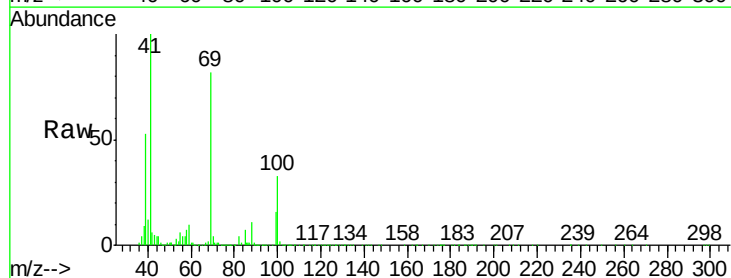
RT: 7.76 min Scan# 1128

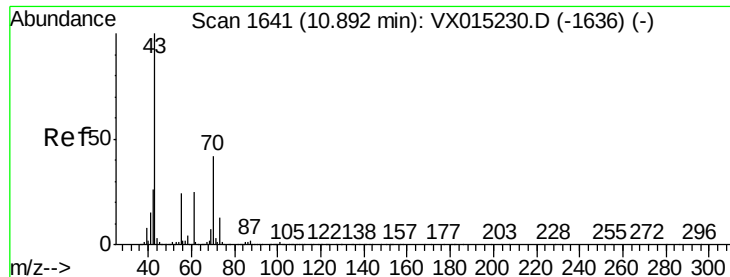
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	41	Resp:	70166
Ion	Ratio	Lower	Upper
41	100		
69	81.9	40.5	121.4
39	52.2	26.6	79.8





#47

n-amvl Acetate

Concen: 17.679 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 43 Resp: 119633

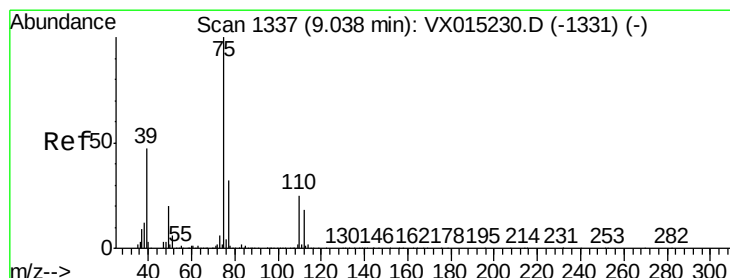
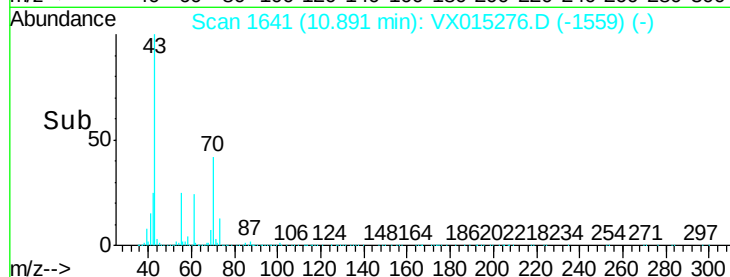
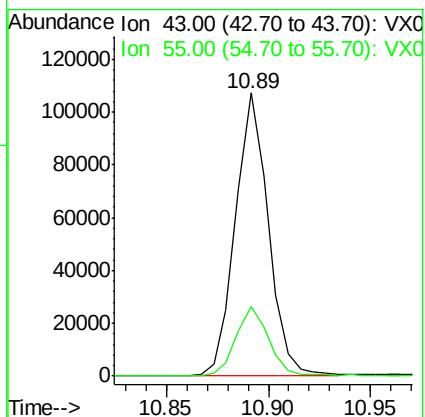
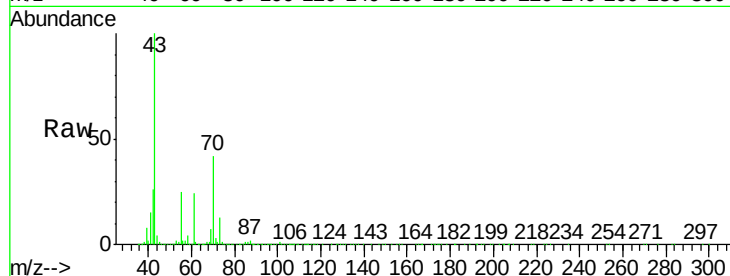
Ion Ratio Lower Upper

43 100

55 24.6 20.4 30.6

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#48

t-1,3-Dichloropropene

Concen: 18.703 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015276.D

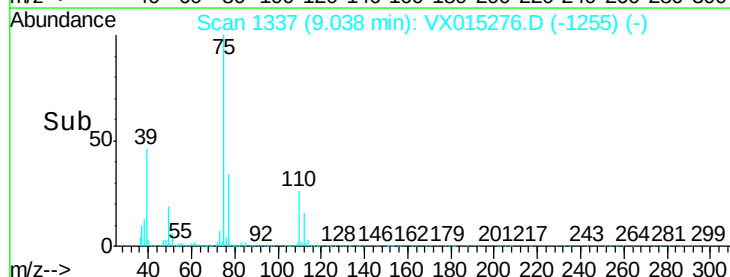
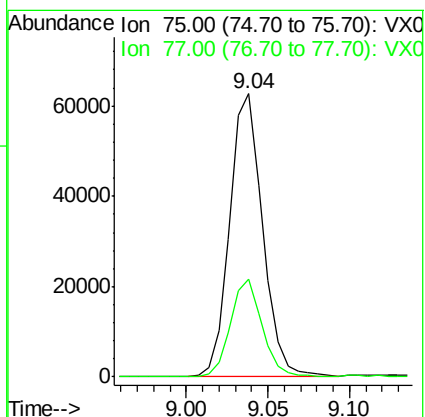
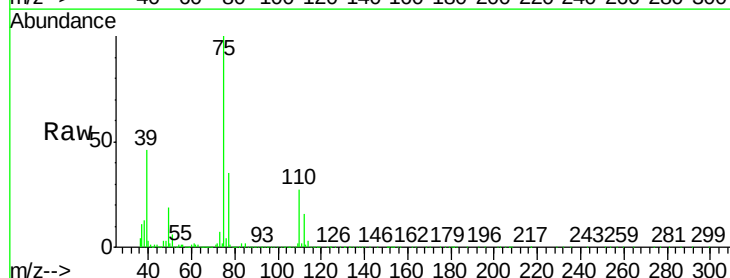
Acq: 13 Mar 2020 22:52

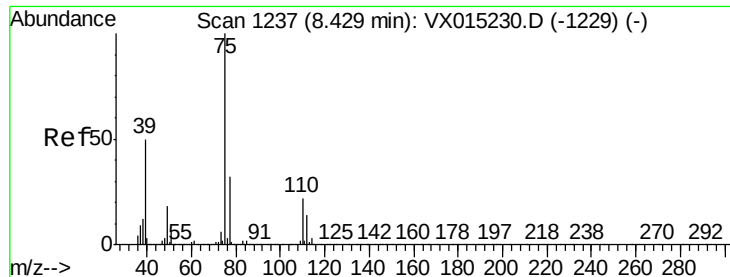
Tgt Ion: 75 Resp: 87813

Ion Ratio Lower Upper

75 100

77 34.4 25.1 37.7





#49

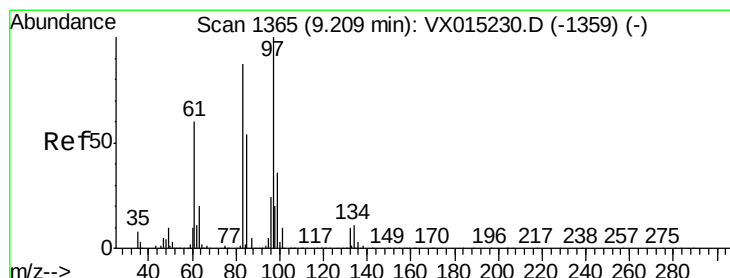
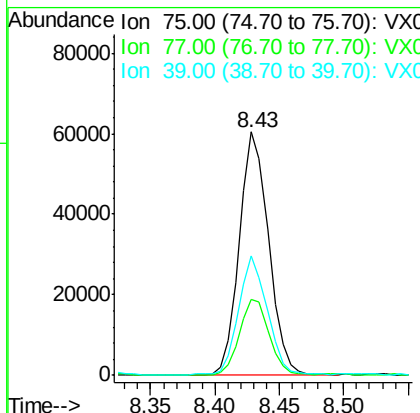
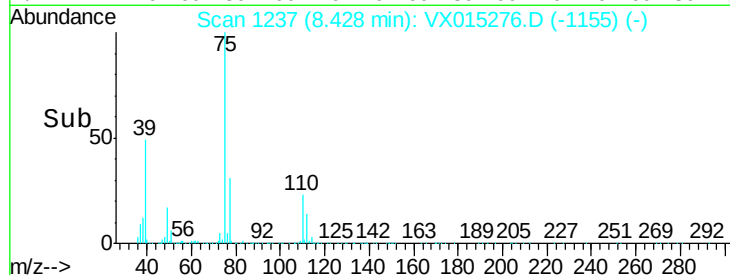
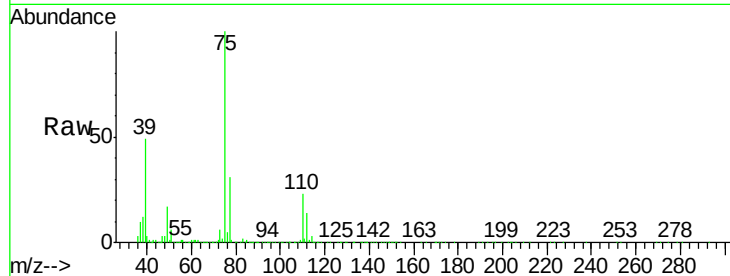
cis-1,3-Dichloropropene
Concen: 17.952 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion:	75	Resp:	95720
Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	48.9	39.8	59.6

Manual Integrations
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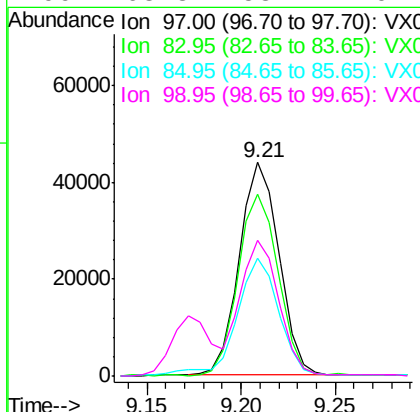
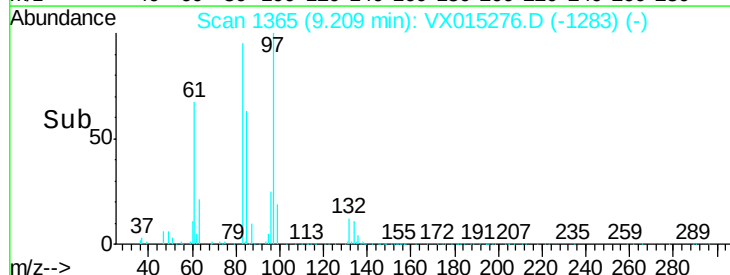
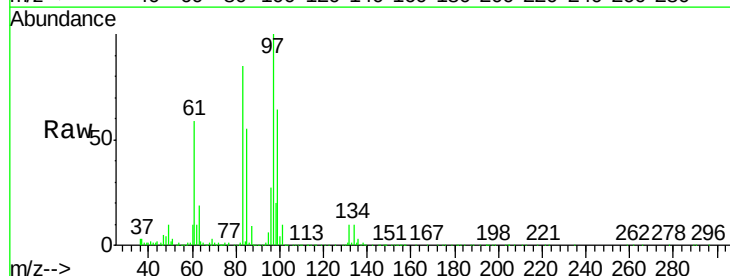
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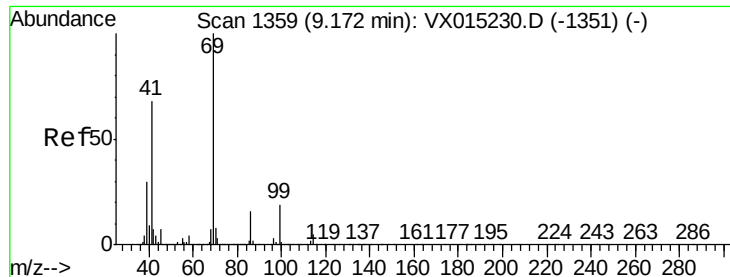


#50

1,1,2-Trichloroethane
Concen: 19.921 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion:	97	Resp:	64307
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.7	104.5
85	55.0	45.4	68.0
99	63.3	53.1	79.7





#51

Ethyl methacrylate

Concen: 18.963 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

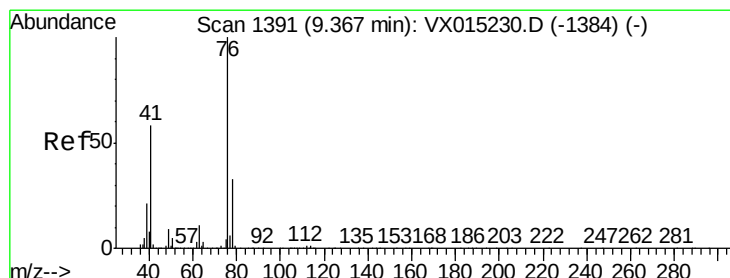
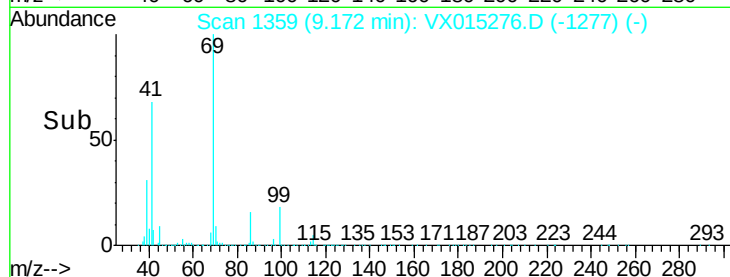
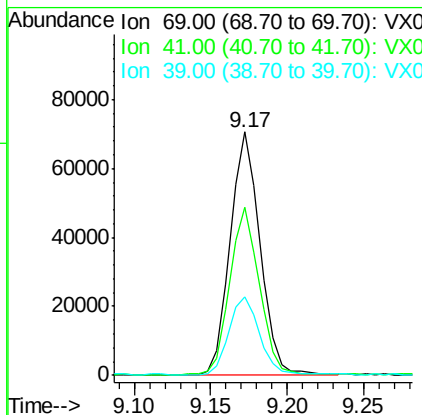
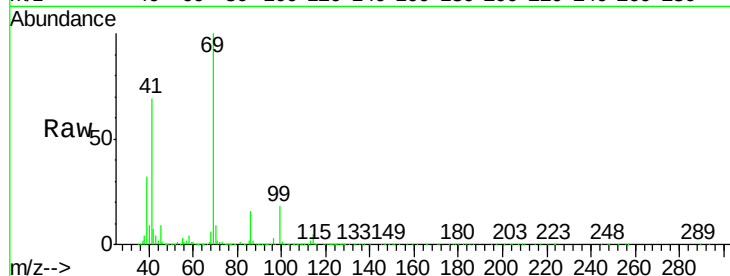
ClientSampleId :

VX0313WBSD02

Tot Ion:	69	Resp:	95518
Ion Ratio	Lower	Upper	
69	100		
41	68.5	33.8	101.3
39	31.8	15.1	45.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.358 ug/l

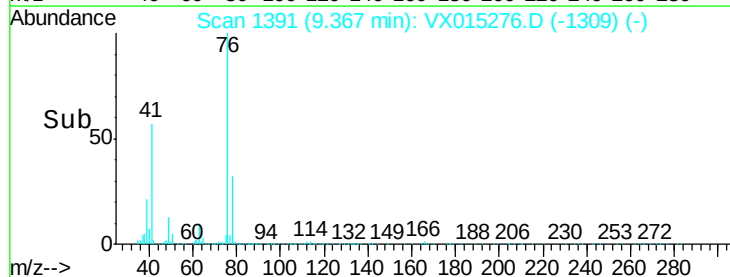
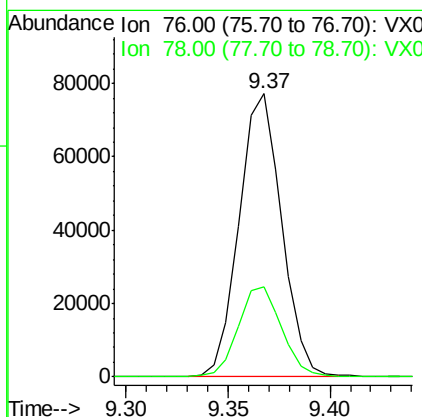
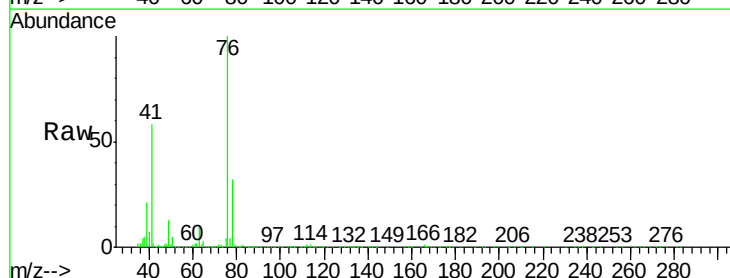
RT: 9.37 min Scan# 1391

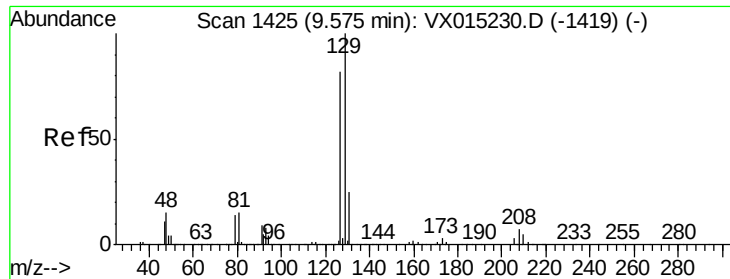
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	76	Resp:	111226
Ion Ratio	Lower	Upper	
76	100		
78	32.6	0.0	65.2





#53

Dibromochloromethane

Concen: 19.256 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion:129 Resp: 66200

Ion Ratio Lower Upper

129 100

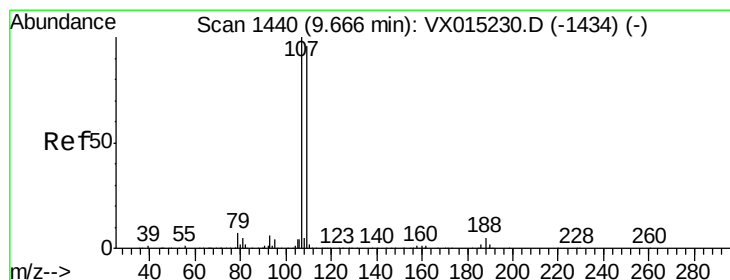
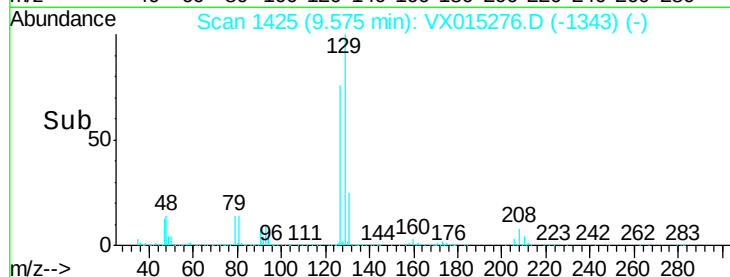
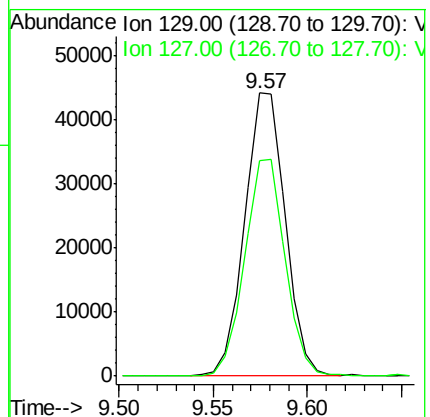
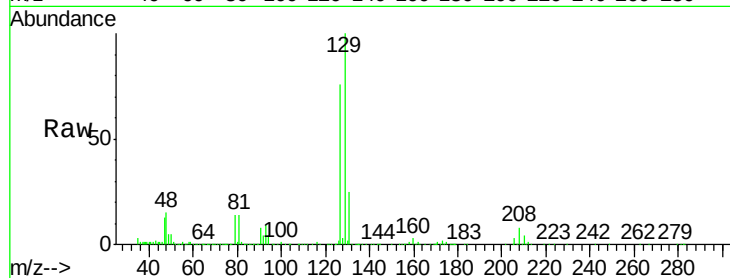
127 76.0 40.4 121.1

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 20.132 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015276.D

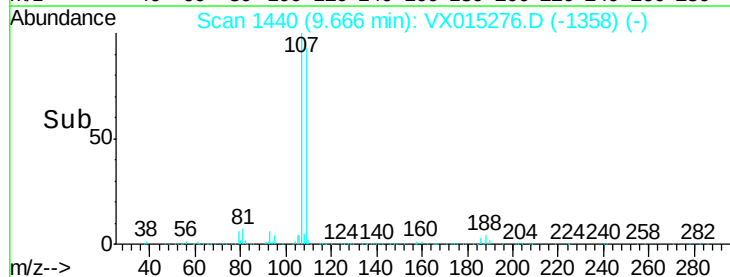
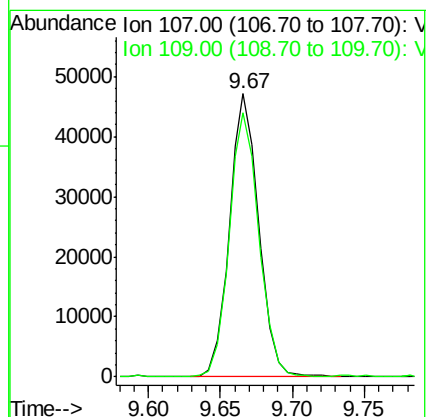
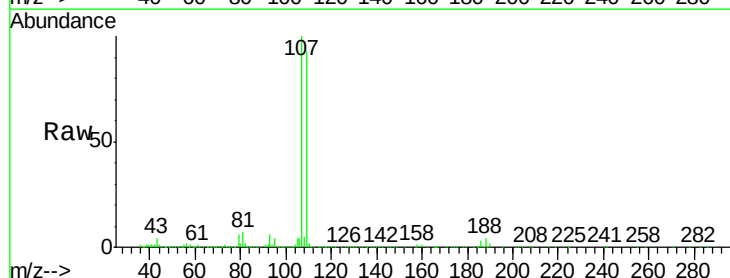
Acq: 13 Mar 2020 22:52

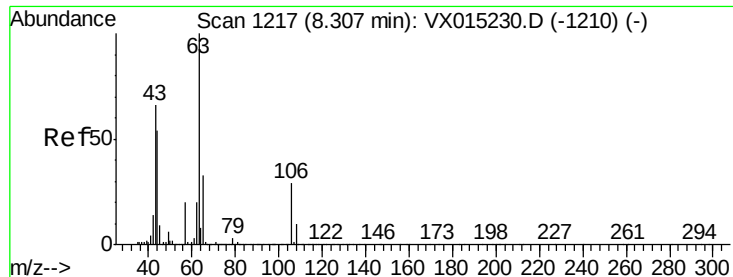
Tgt Ion:107 Resp: 67040

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.4





#55

2-Chloroethyl vinyl ether

Concen: 102.616 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

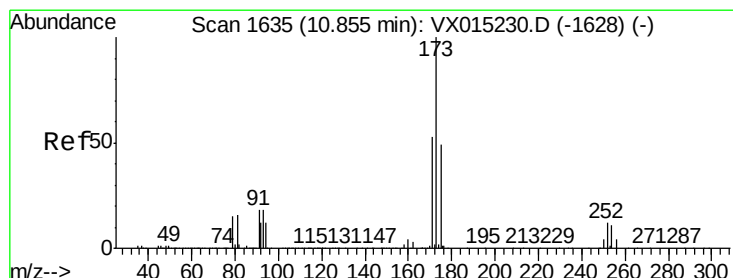
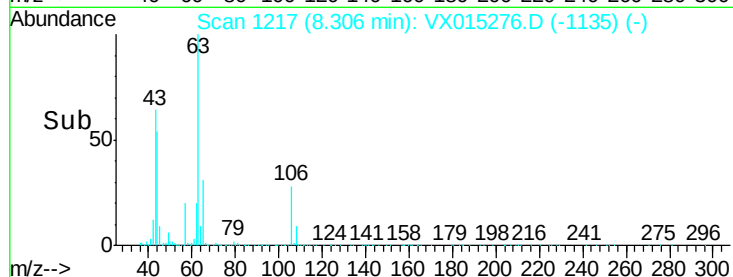
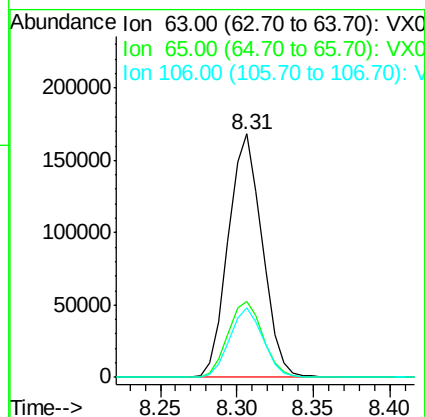
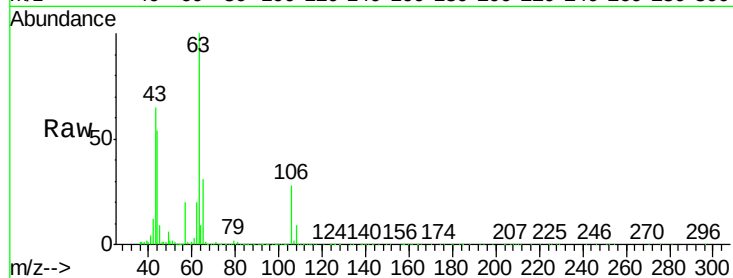
ClientSampleId :

VX0313WBSD02

Tot Ion:	63	Resp:	258871
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.6	38.4
106	28.0	23.0	34.4

Manual Integrations
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#56

Bromoform

Concen: 18.659 ug/l

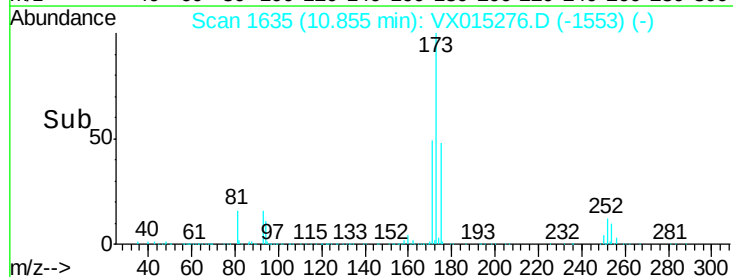
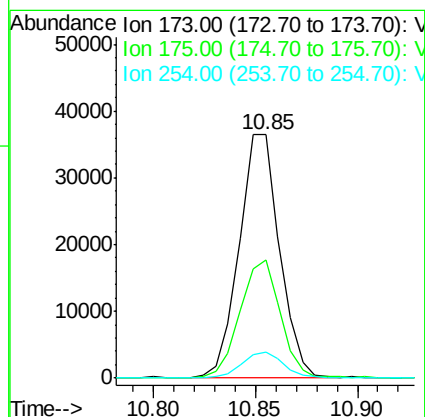
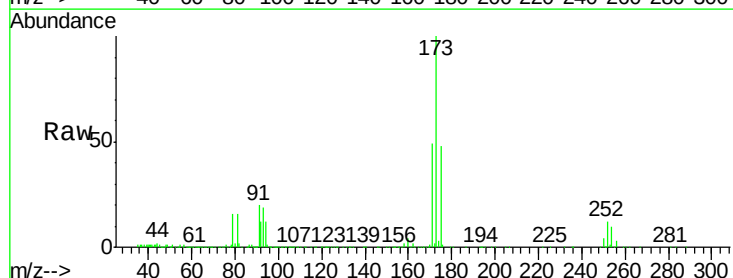
RT: 10.85 min Scan# 1635

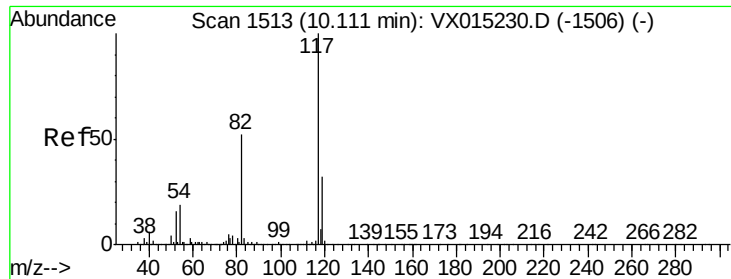
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	173	Resp:	50294
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.9	58.3
254	11.0	9.1	13.7





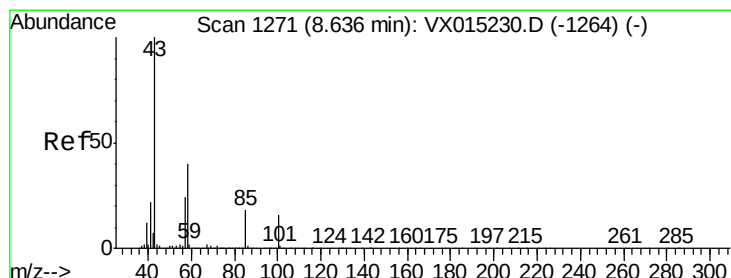
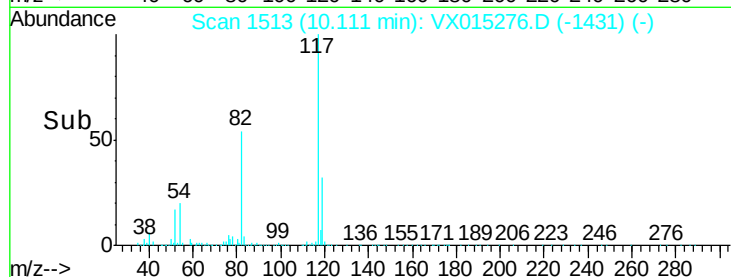
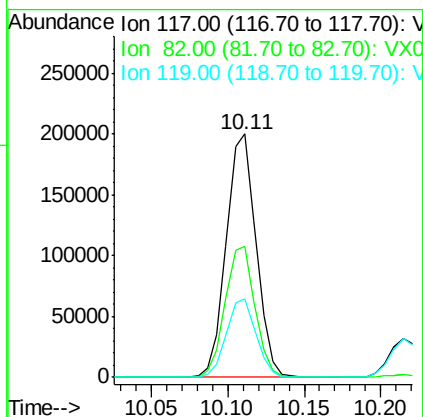
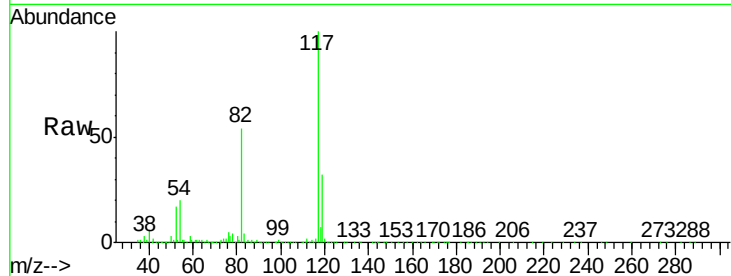
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	269969		
82	53.8		43.2	64.8
119	32.1		25.8	38.8

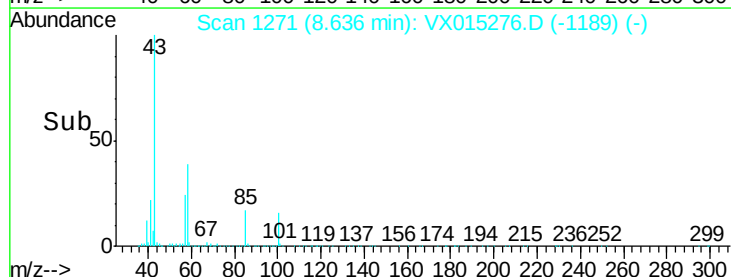
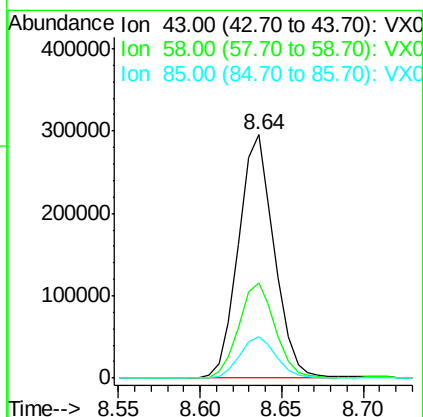
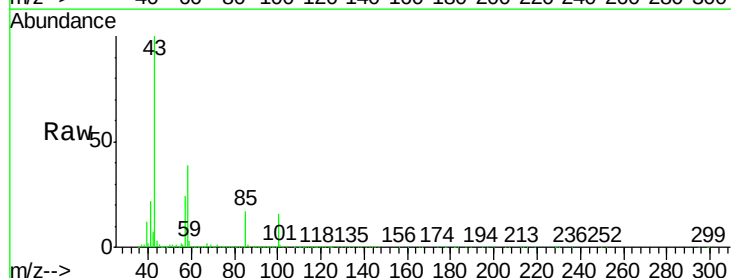
Manual Integrations
APPROVED

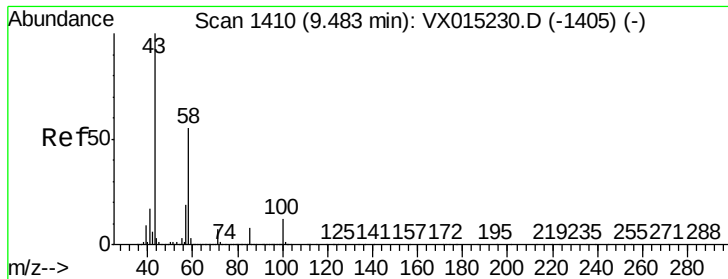
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 97.755 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	449292		
58	39.8		31.6	47.4
85	17.5		13.8	20.8





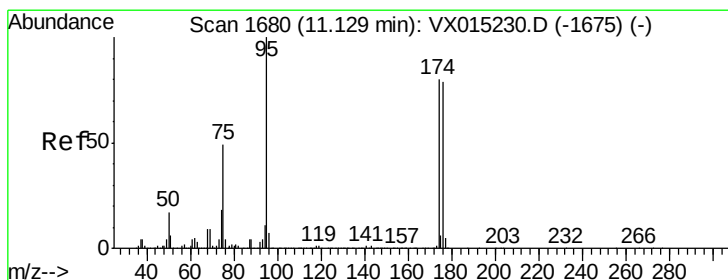
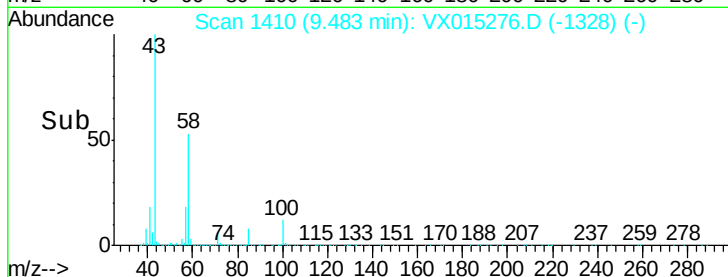
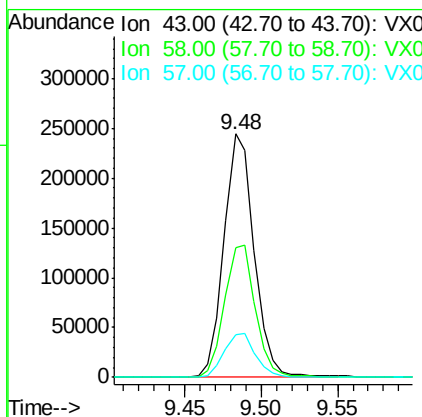
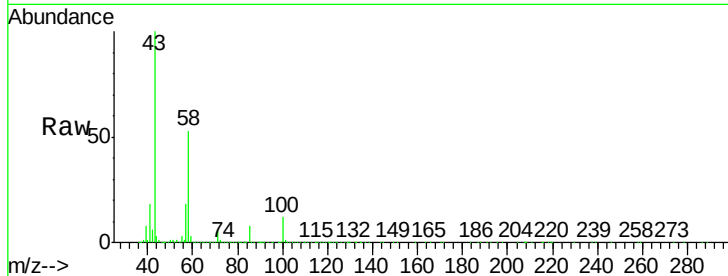
#59
2-Hexanone
Concen: 95.949 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	44.6	66.8
57	18.6	14.6	21.8

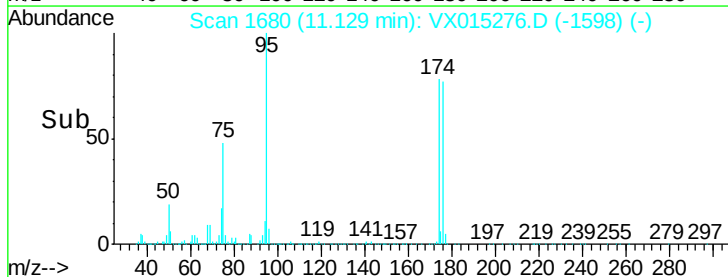
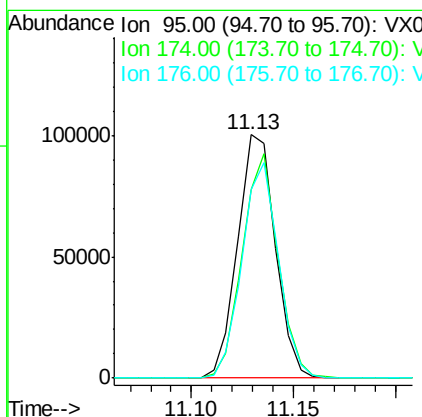
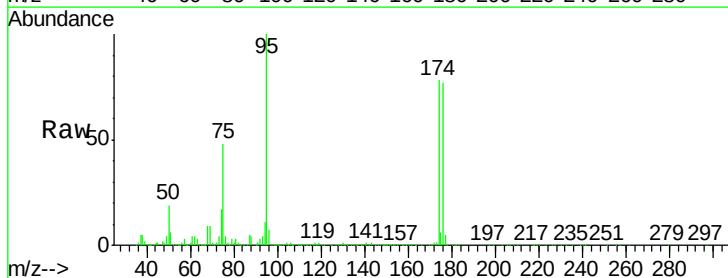
Manual Integrations
APPROVED

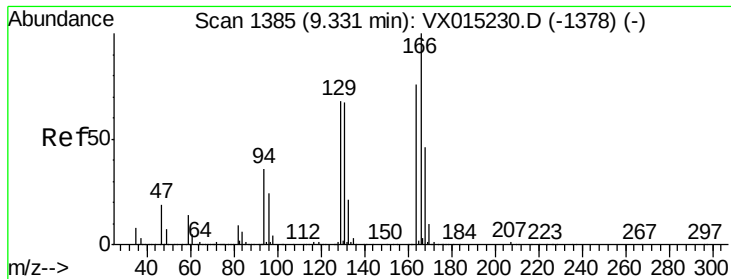
MMDadoda
3/16/2020 2:07:36 PM



#60
4-Bromofluorobenzene
Concen: 29.880 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	72.0	108.0
176	86.2	70.1	105.1





#61

Tetrachloroethene

Concen: 19.167 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

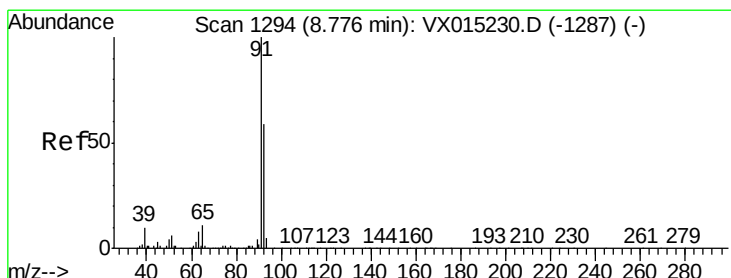
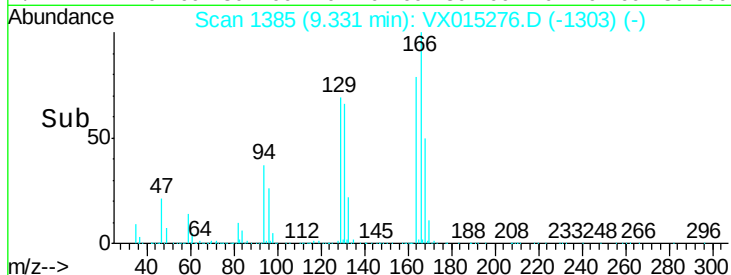
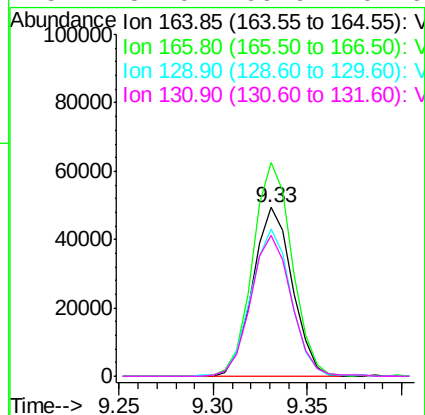
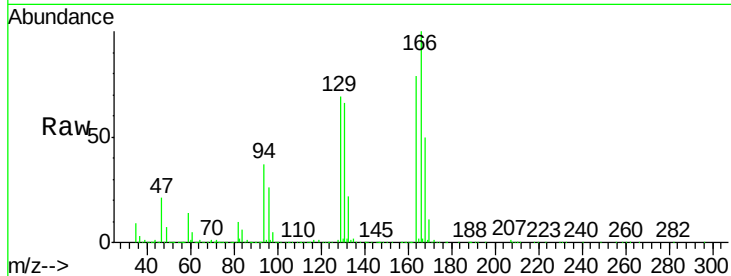
ClientSampleId :

VX0313WBSD02

Tot Ion:	164	Resp:	72032
Ion	Ratio	Lower	Upper
164	100		
166	126.8	105.1	157.7
129	87.3	71.5	107.3
131	84.0	69.9	104.9

Manual Integrations
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#62

Toluene

Concen: 19.461 ug/l

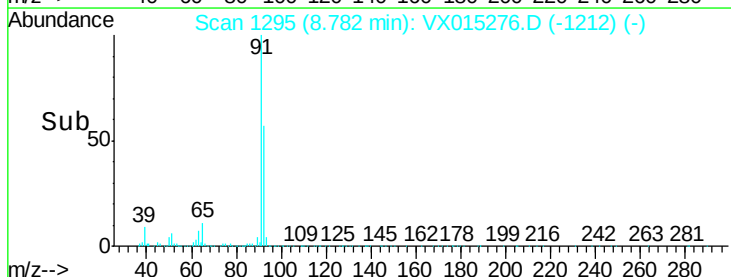
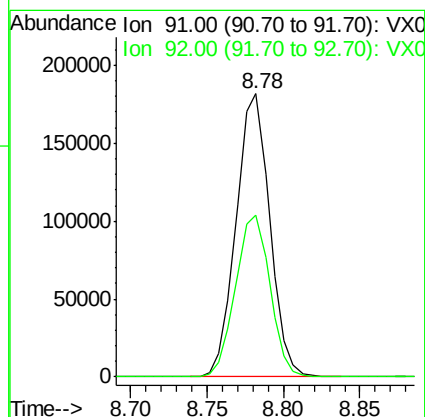
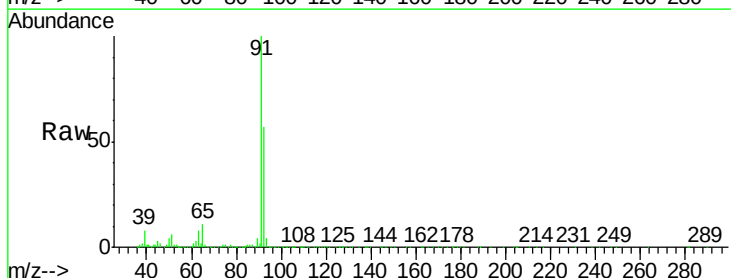
RT: 8.78 min Scan# 1295

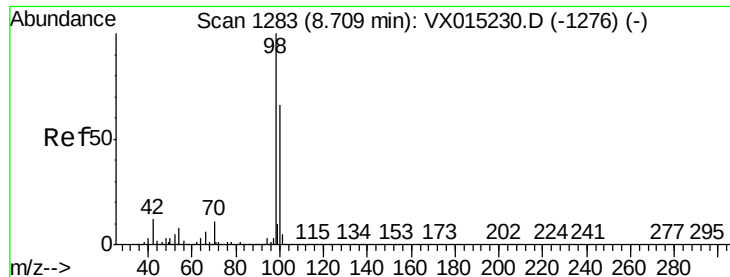
Delta R.T. 0.01 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	91	Resp:	278030
Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.1	70.7





#63

Toluene-d8

Concen: 30.096 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 98 Resp: 348032

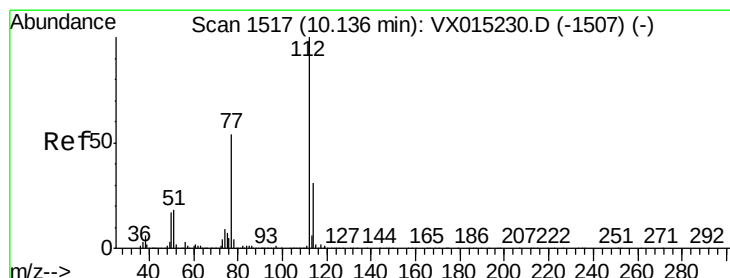
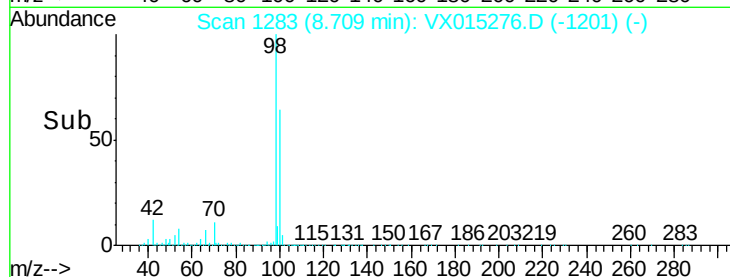
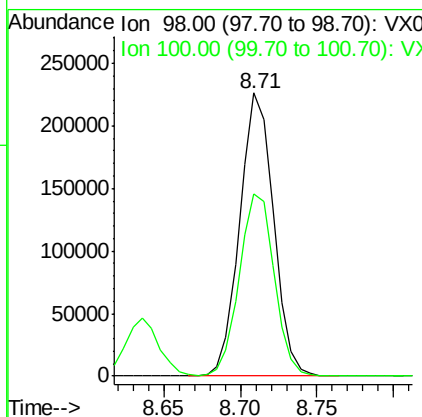
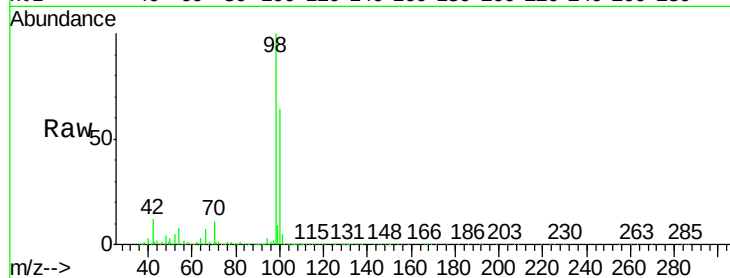
Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4

Manual Integrations
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#64

Chlorobenzene

Concen: 19.071 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015276.D

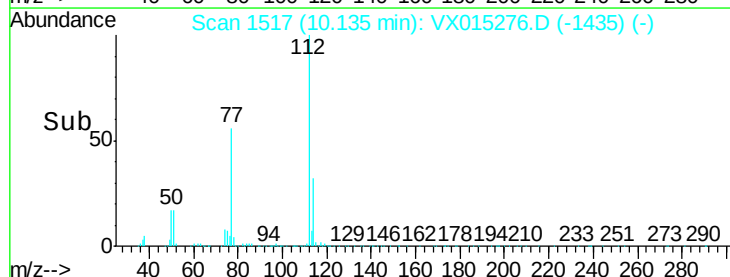
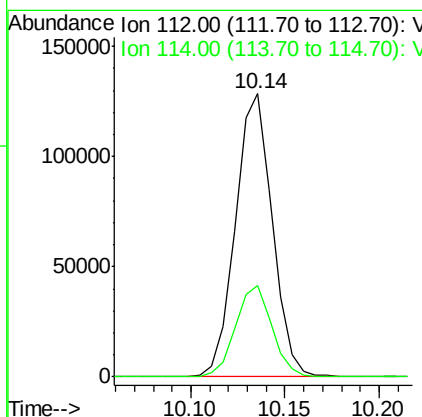
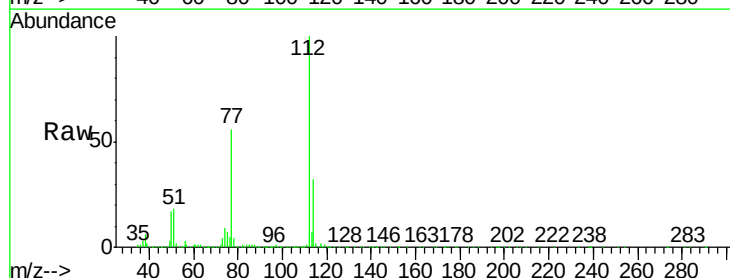
Acq: 13 Mar 2020 22:52

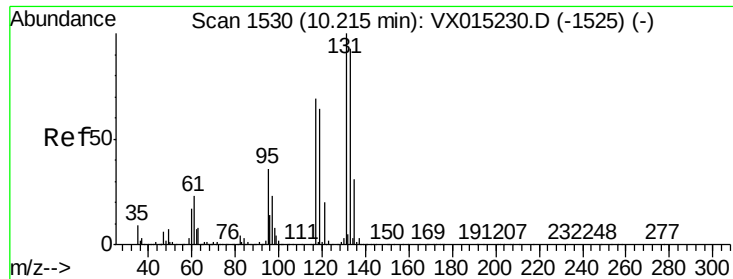
Tgt Ion: 112 Resp: 174087

Ion Ratio Lower Upper

112 100

114 32.1 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.849 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

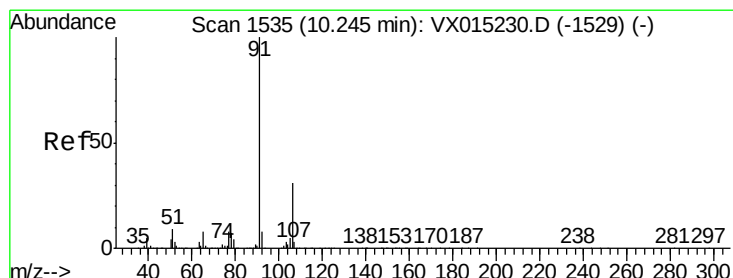
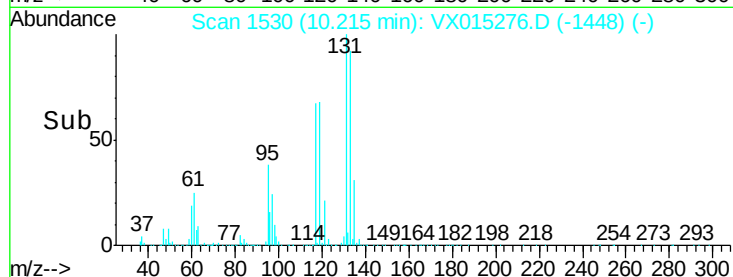
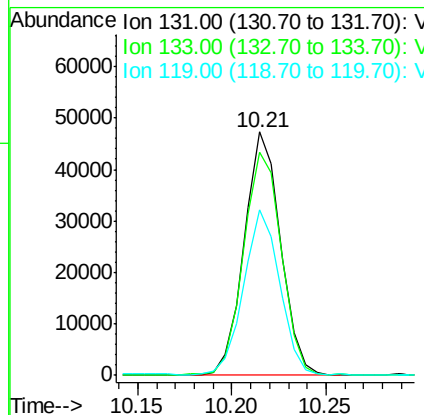
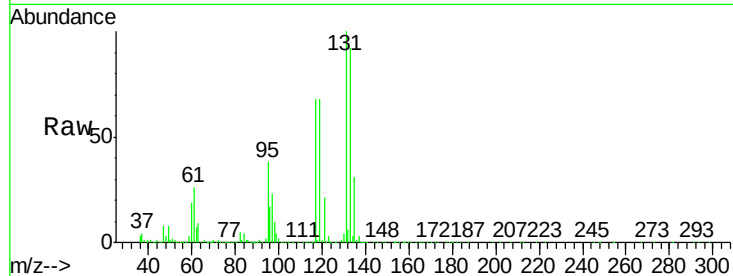
ClientSampleId :

VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	188.0
119	67.3	0.0	131.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.807 ug/l

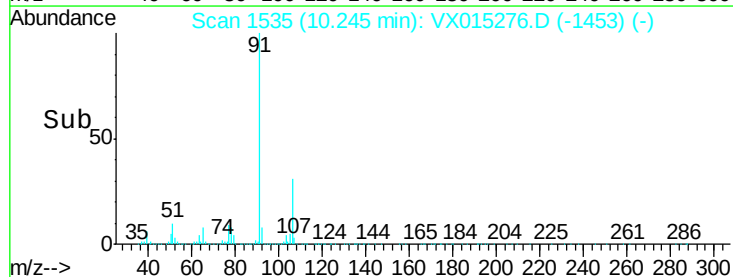
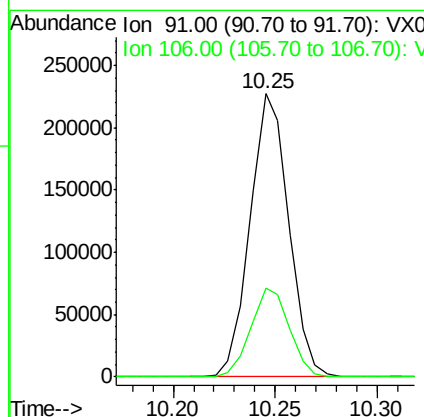
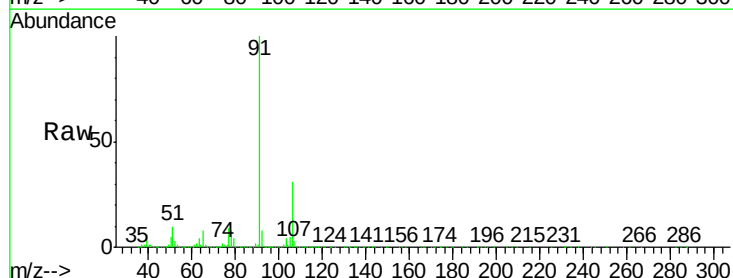
RT: 10.25 min Scan# 1535

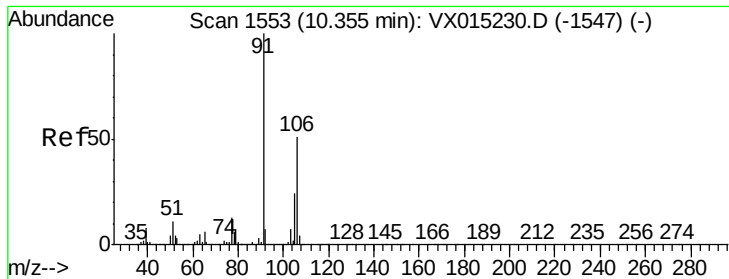
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.9	37.3





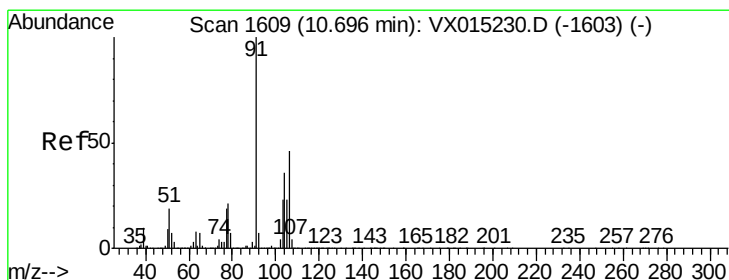
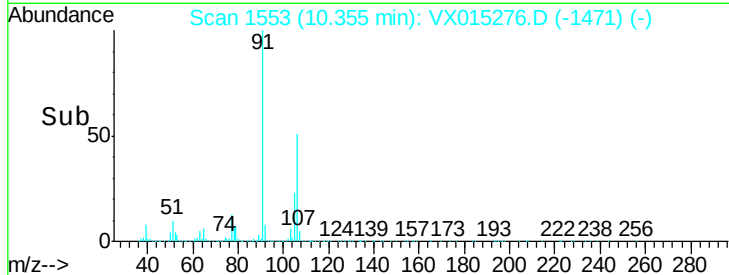
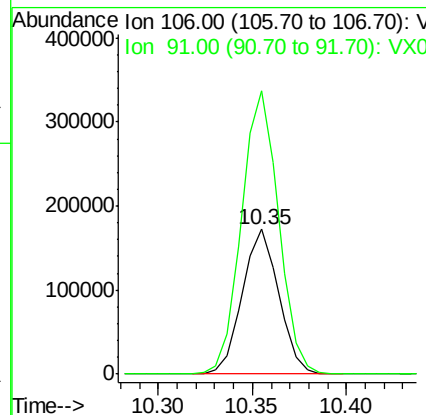
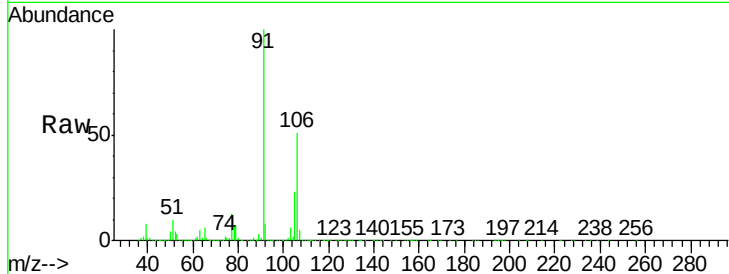
#67
m/p-Xylenes
Concen: 37.800 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.7	160.1	240.1

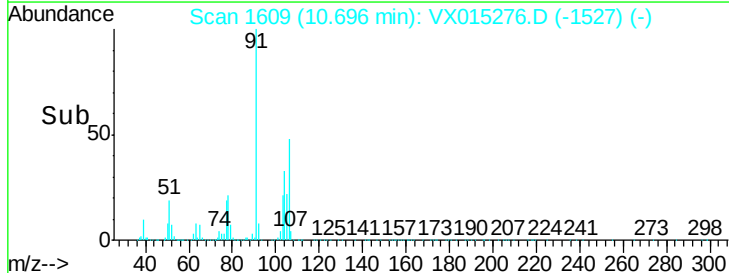
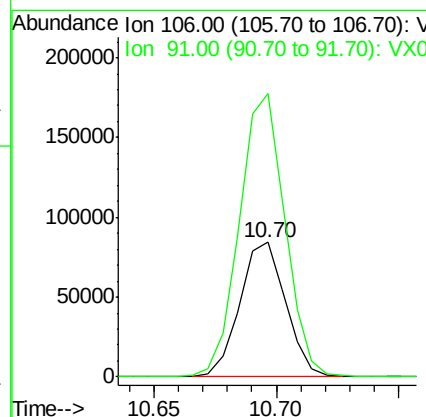
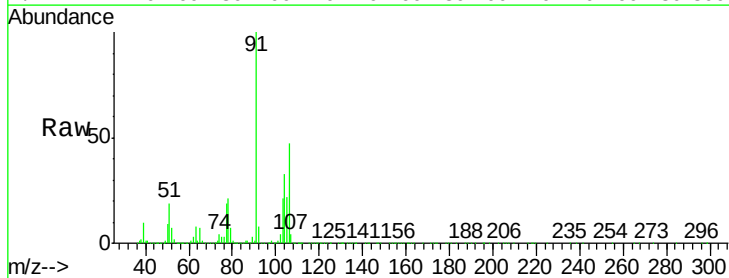
Manual Integrations
APPROVED

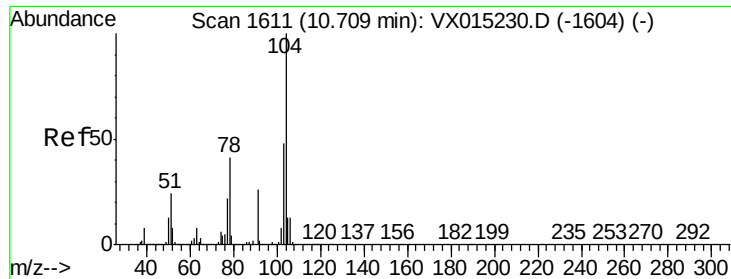
MMDadoda
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#68
o-Xylene
Concen: 18.779 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.3	106.4	319.2





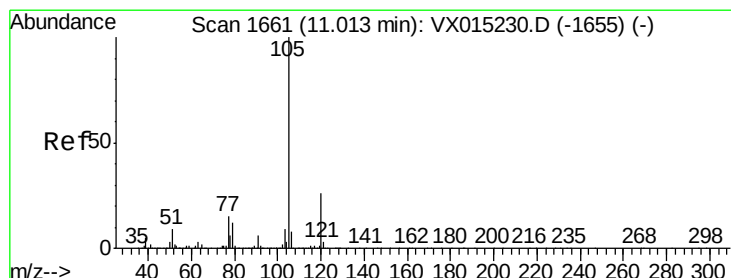
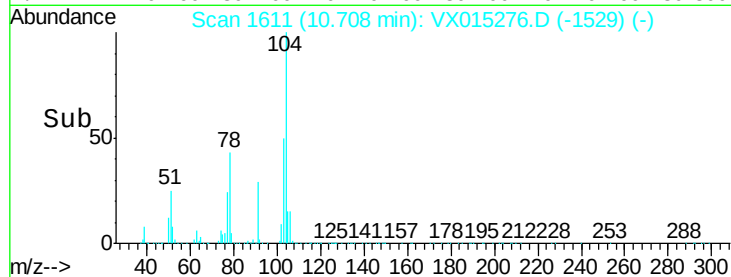
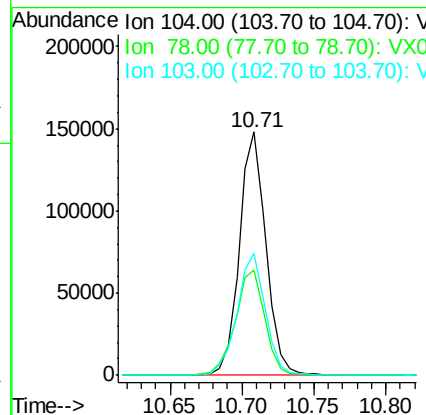
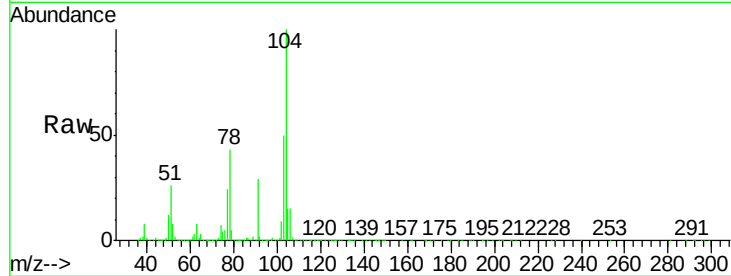
#69
Stvrene
Concen: 18.689 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.9	58.3
103	53.4	43.2	64.8

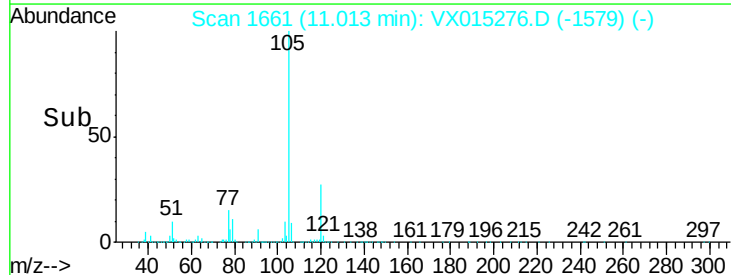
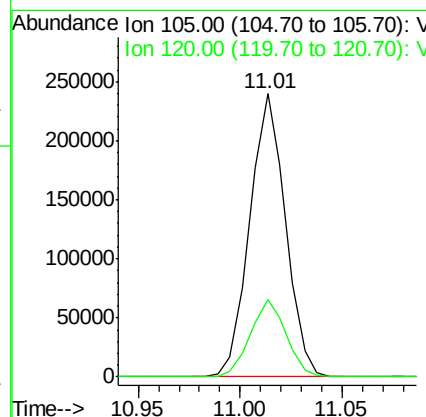
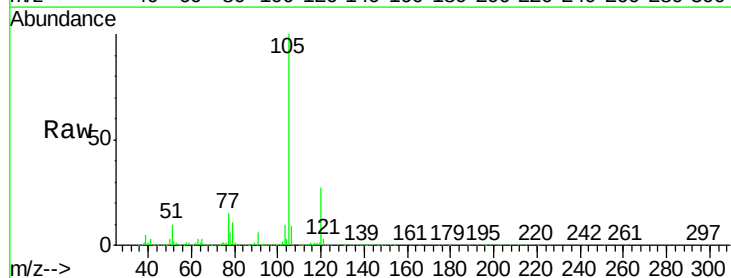
Manual Integrations
APPROVED

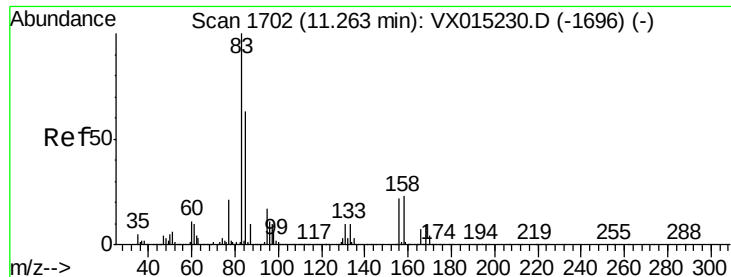
MMDadoda
3/16/2020 2:07:36 PM



#70
Isopropylbenzene
Concen: 18.747 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 19.255 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

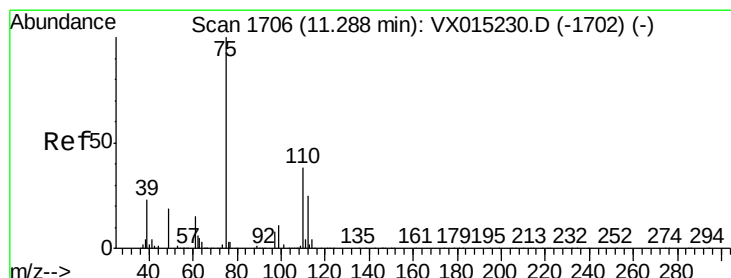
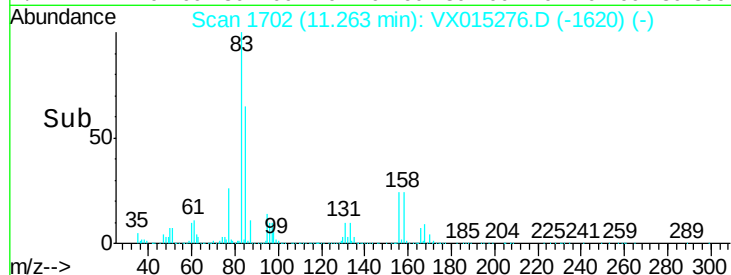
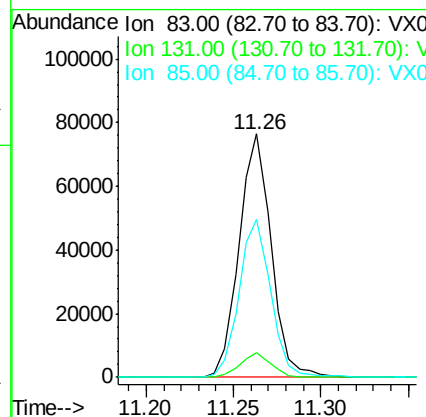
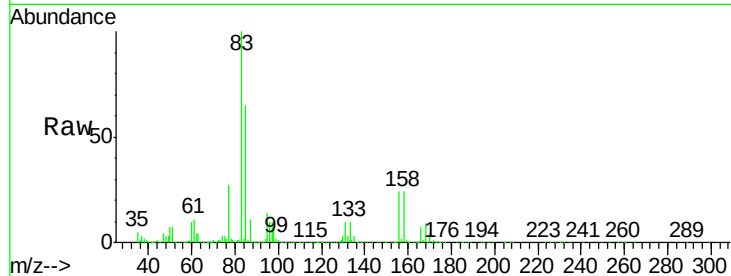
ClientSampleId :

VX0313WBSD02

Tot Ion:	83	Resp:	97439
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.1	31.8	95.4

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.636 ug/l m

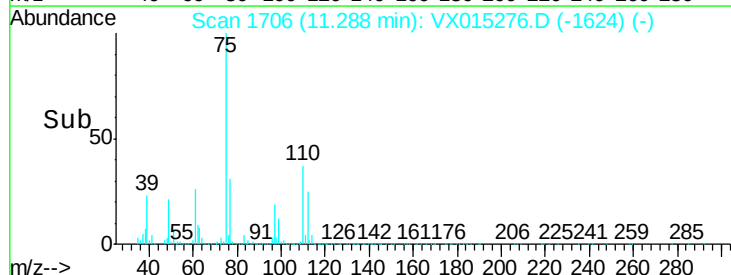
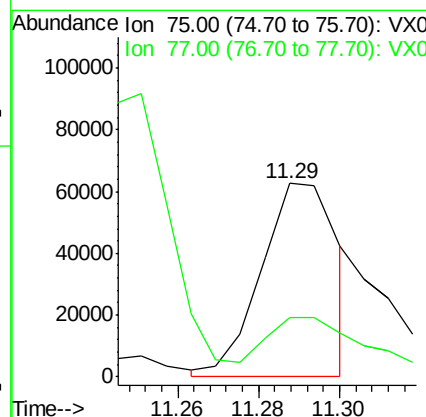
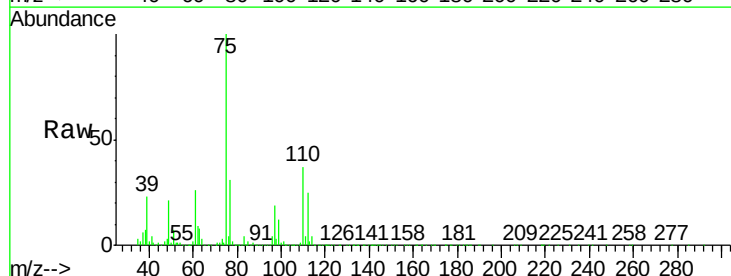
RT: 11.29 min Scan# 1706

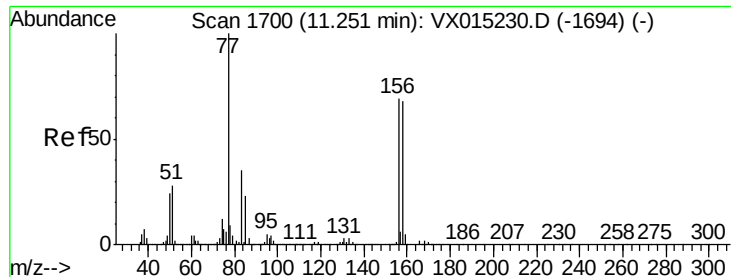
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	75	Resp:	81334
Ion Ratio	Lower	Upper	
75	100		
77	40.7	0.0	83.0





#73

Bromobenzene

Concen: 18.672 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

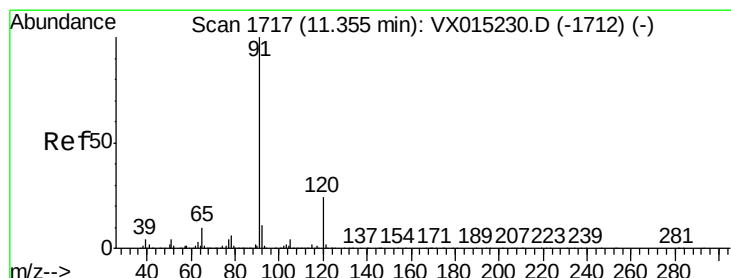
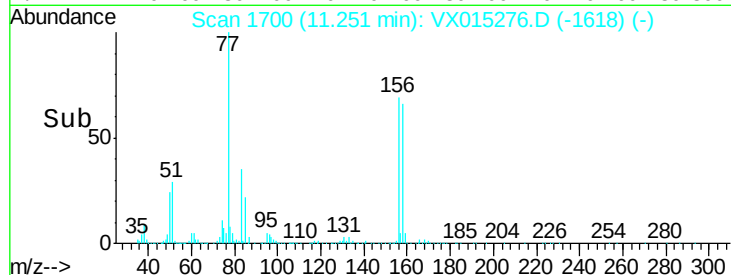
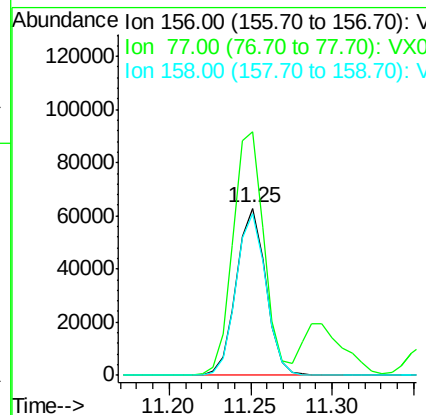
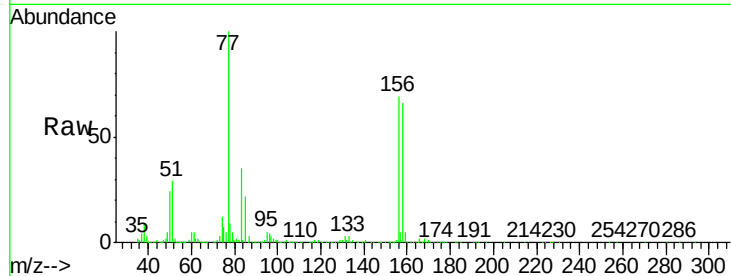
ClientSampleId :

VX0313WBSD02

Tot Ion:	156	Resp:	79386
Ion Ratio	Lower	Upper	
156	100		
77	153.6	0.0	305.0
158	98.1	0.0	197.2

Manual Integrations
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#74

n-propylbenzene

Concen: 18.677 ug/l

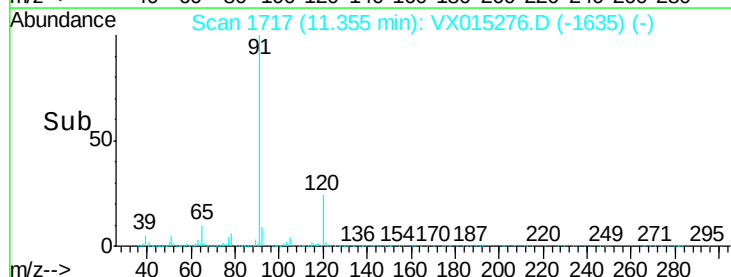
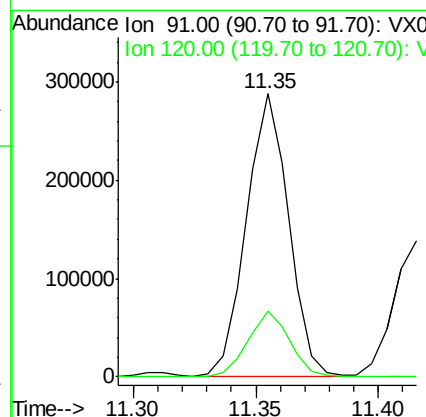
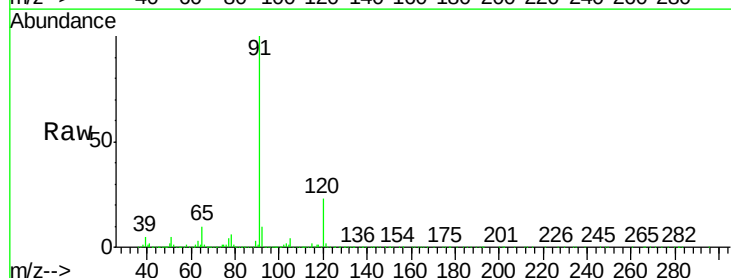
RT: 11.35 min Scan# 1717

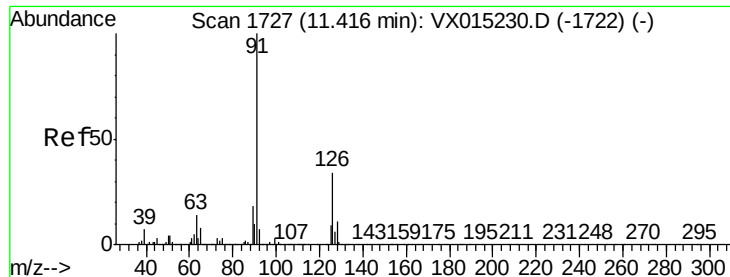
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion:	91	Resp:	343970
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	47.0





#75

2-Chlorotoluene

Concen: 16.204 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD02

Tot Ion: 91 Resp: 174245

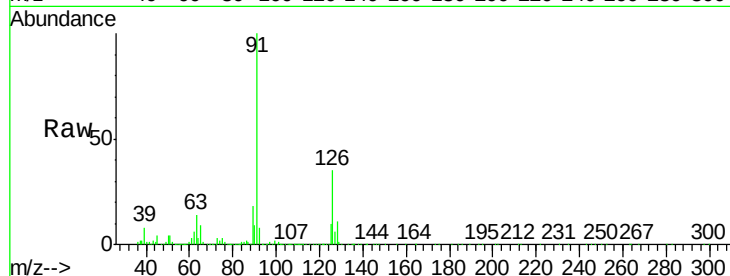
Ion Ratio Lower Upper

91 100

126 35.1 0.0 69.8

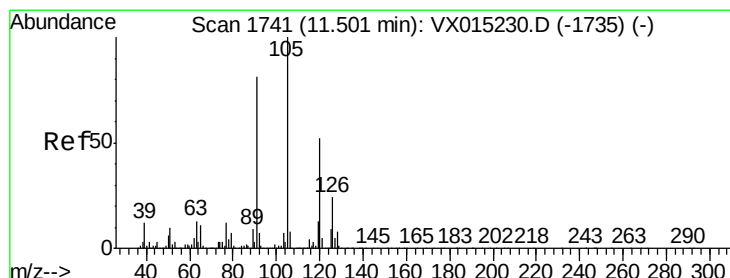
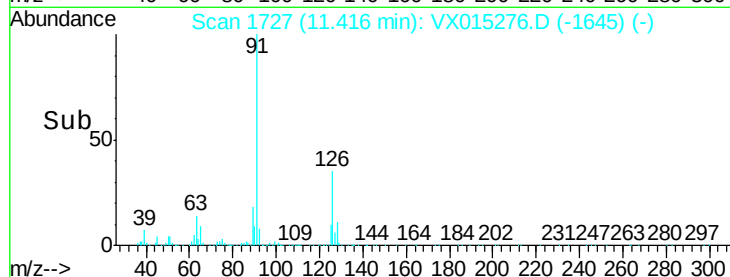
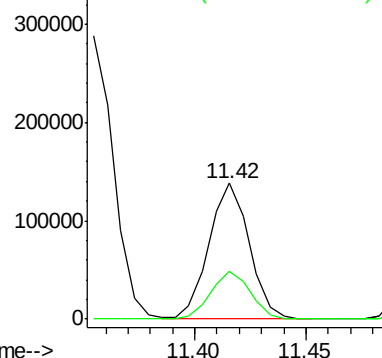
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 16.041 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015276.D

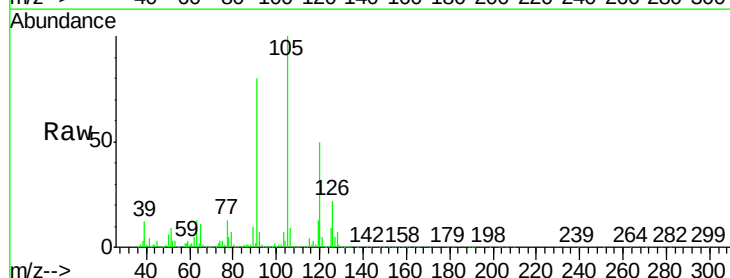
Acq: 13 Mar 2020 22:52

Tgt Ion: 105 Resp: 213471

Ion Ratio Lower Upper

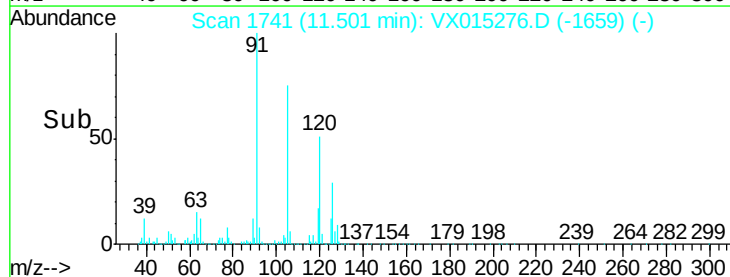
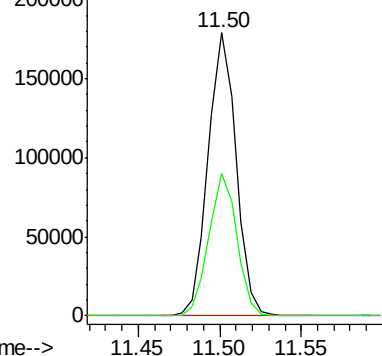
105 100

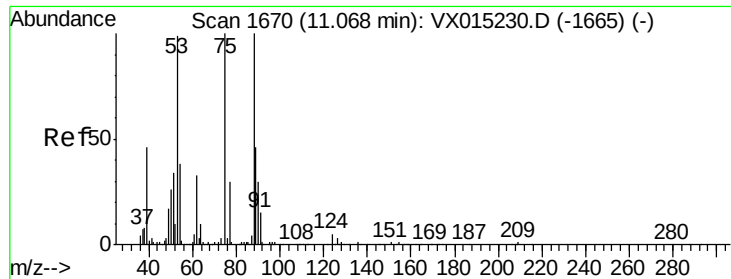
120 50.5 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





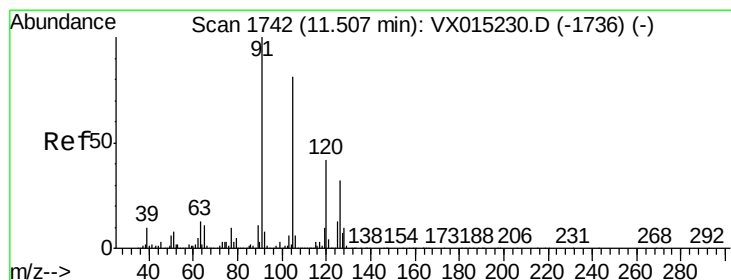
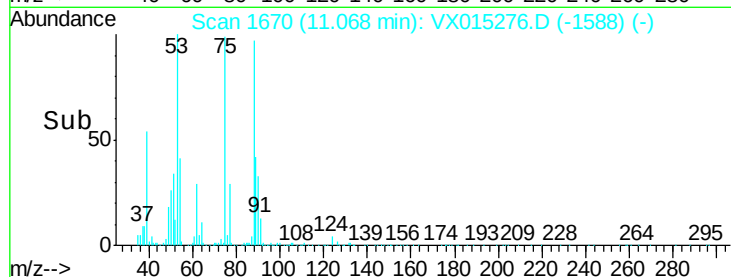
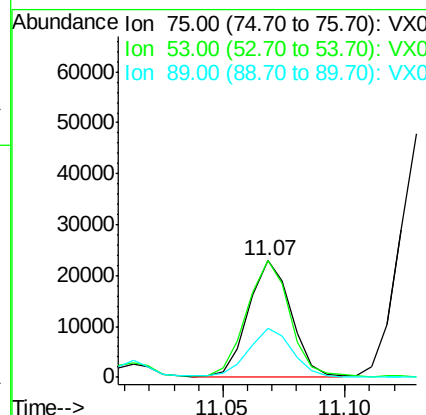
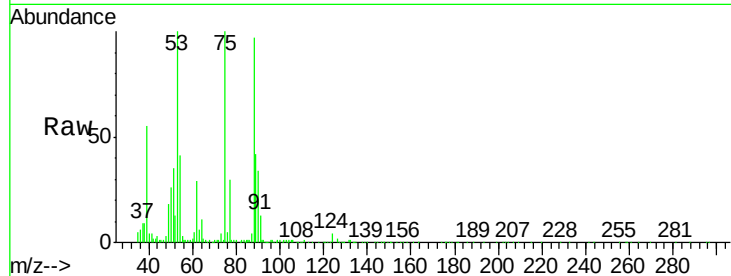
#77
t-1,4-Dichloro-2-butene
Concen: 15.890 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	49.5	148.3
89	41.9	22.9	68.8

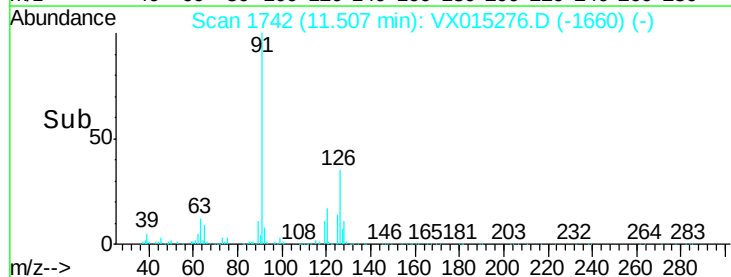
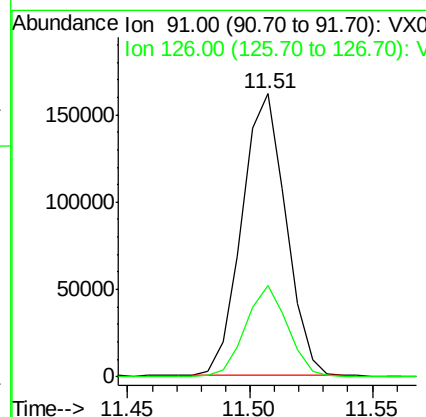
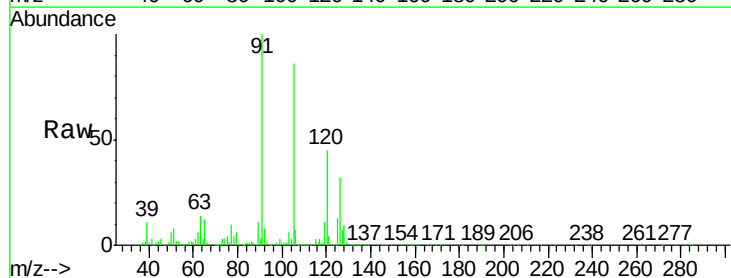
Manual Integrations
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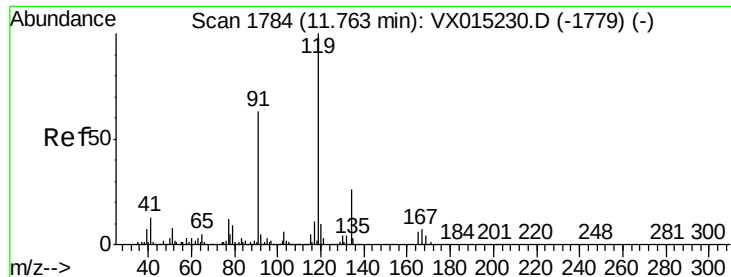
MMDadoda
3/16/2020 2:07:36 PM



#78
4-Chlorotoluene
Concen: 16.292 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	61.4





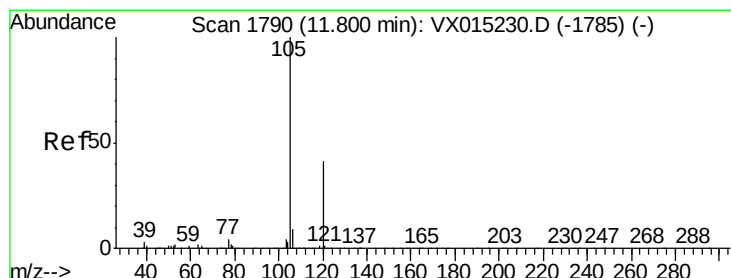
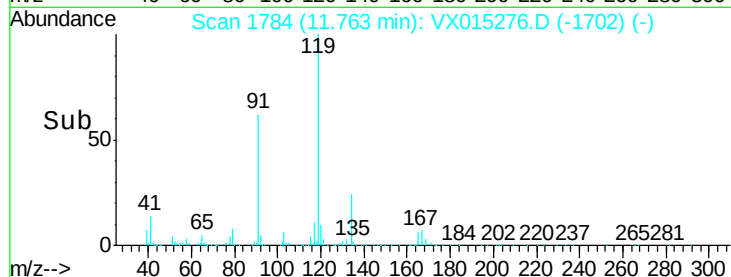
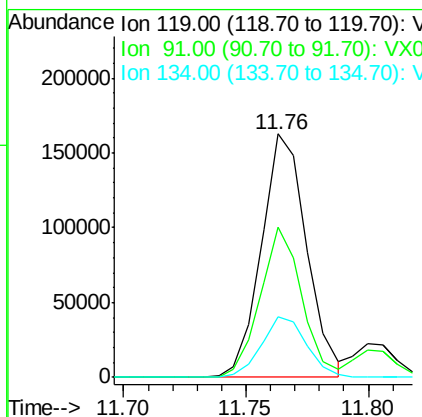
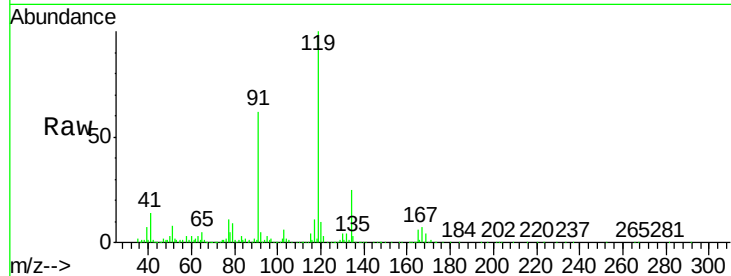
#79
tert-butylbenzene
Concen: 16.921 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	56.7	0.0	115.4
134	24.8	0.0	49.4

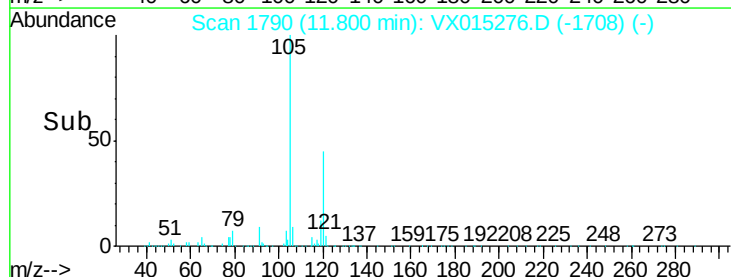
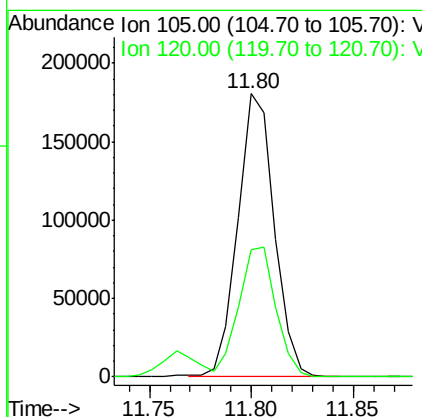
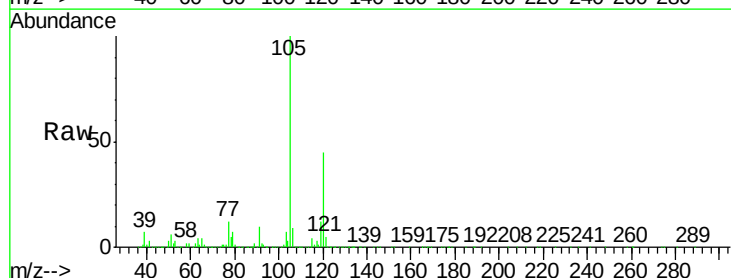
Manual Integrations
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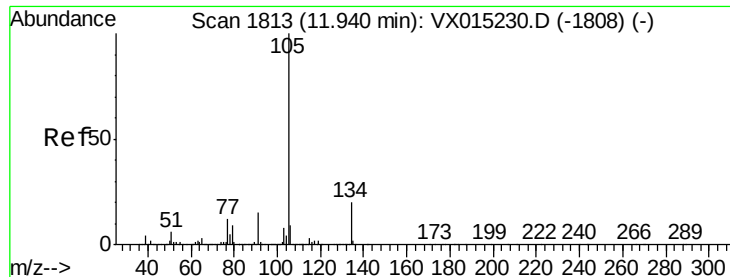
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#80
1,2,4-Trimethylbenzene
Concen: 17.017 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	46.6	0.0	93.2





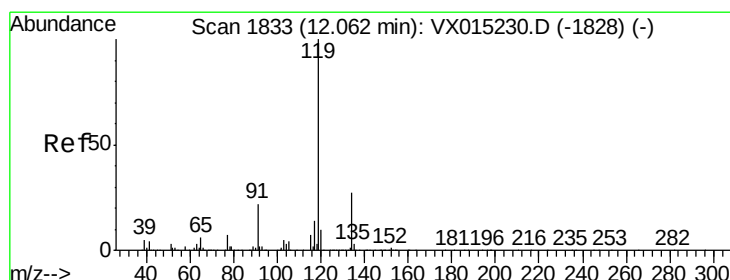
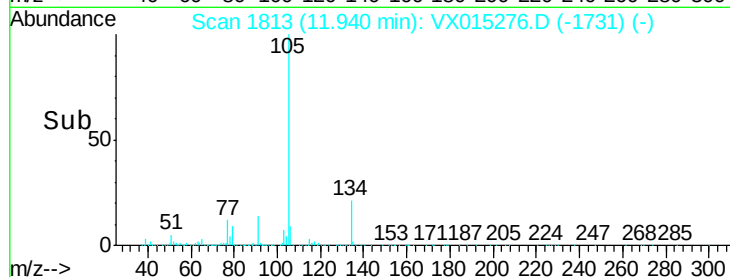
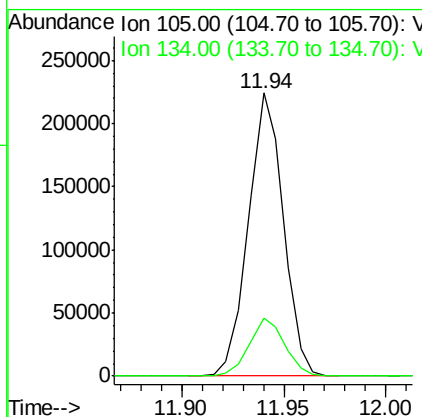
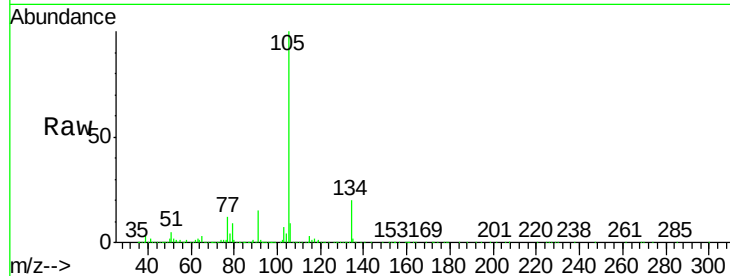
#81
 sec-Butylbenzene
 Concen: 17.284 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0313WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	267635		
134	20.7	0.0	40.8	

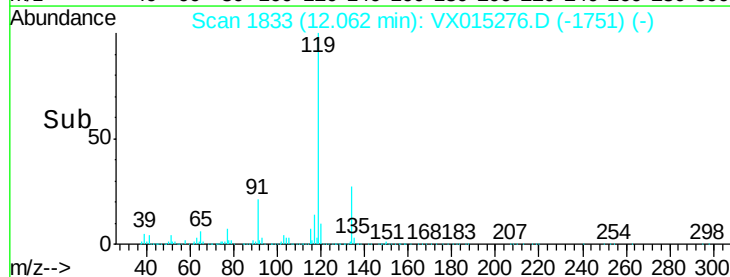
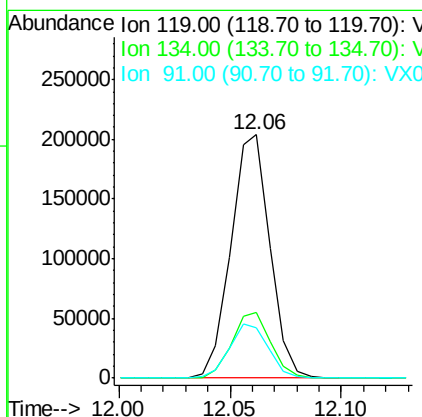
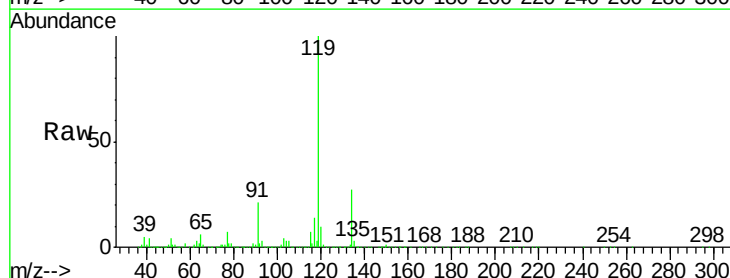
Manual Integrations
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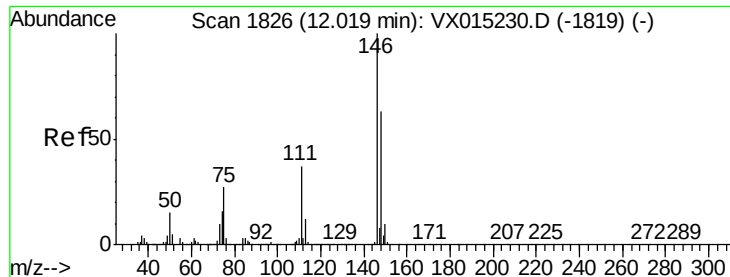
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#82
 p-Isopropyltoluene
 Concen: 17.471 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	248775		
134	26.7	0.0	53.6	
91	22.0	0.0	43.6	





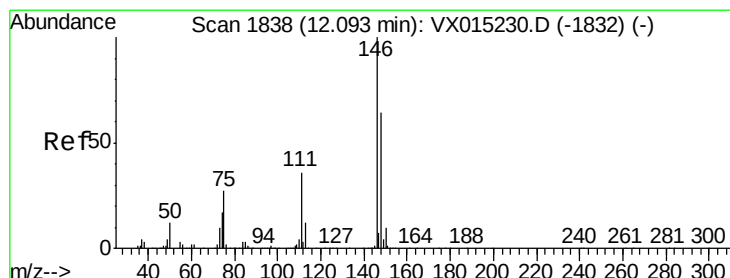
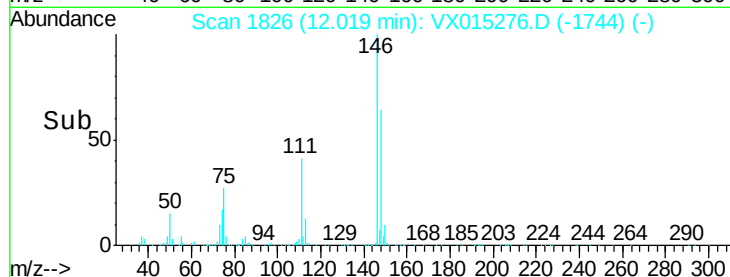
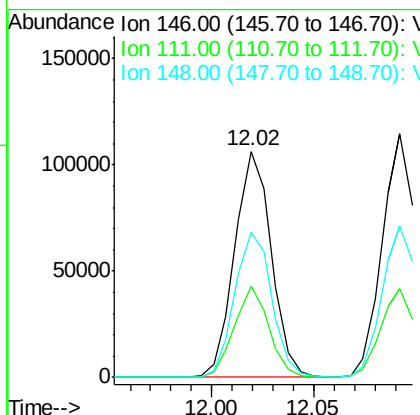
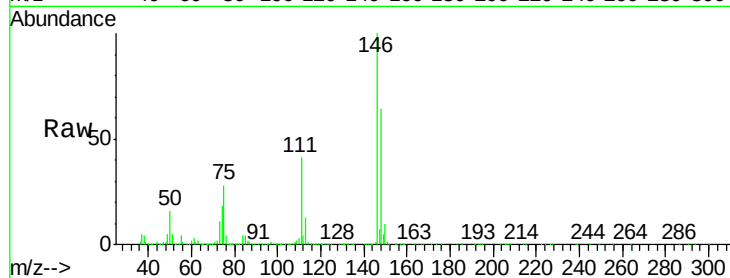
#83
 1,3-Dichlorobenzene
 Concen: 17.668 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.4
148	64.7	31.9	95.7

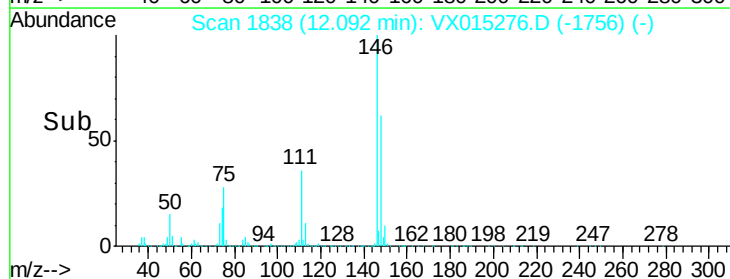
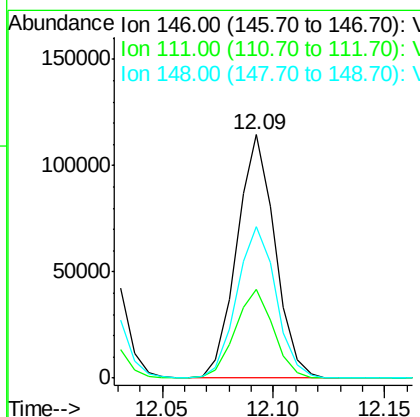
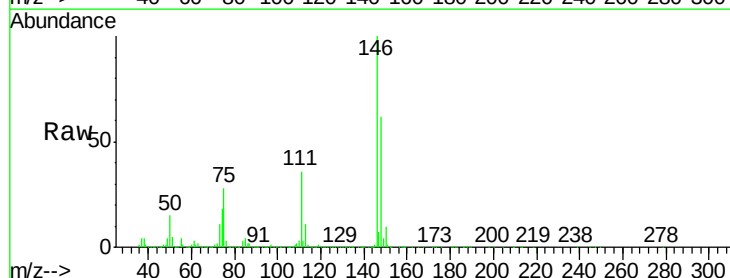
Manual Integrations
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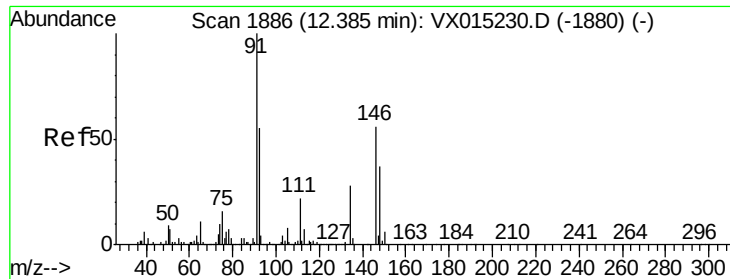
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#84
 1,4-Dichlorobenzene
 Concen: 18.167 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	63.7	31.9	95.9





#85

n-Butylbenzene

Concen: 18.367 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Instrument :

MSVOA_X

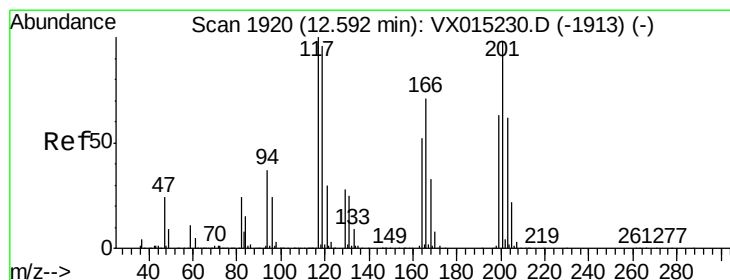
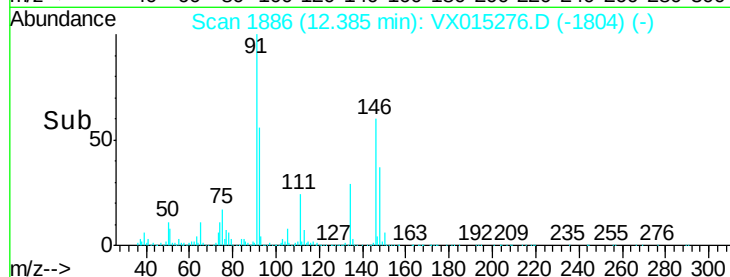
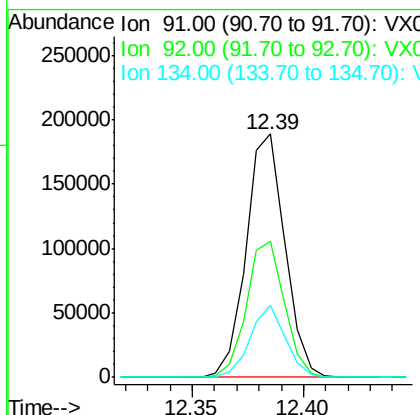
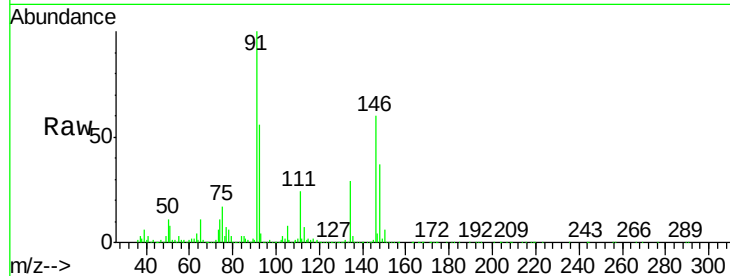
ClientSampleId :

VX0313WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	229193		
92	54.8	0.0	109.4	
134	26.7	0.0	53.0	

Manual Integrations
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#86

Hexachloroethane

Concen: 18.657 ug/l

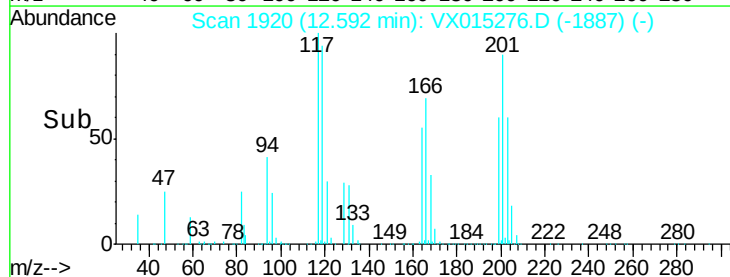
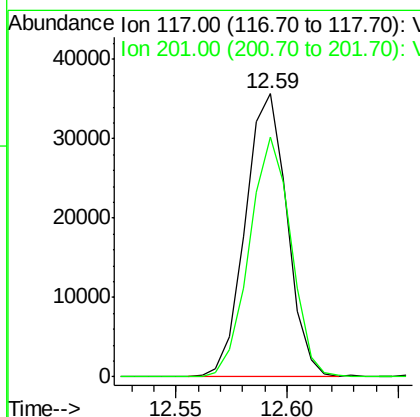
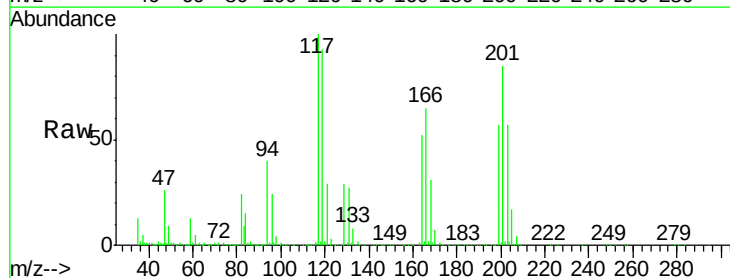
RT: 12.59 min Scan# 1920

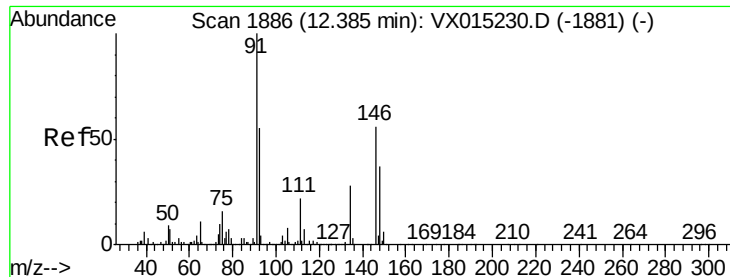
Delta R.T. -0.00 min

Lab File: VX015276.D

Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46505		
201	84.7	47.8	143.3	





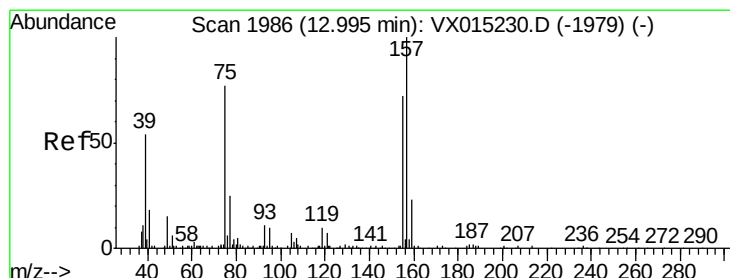
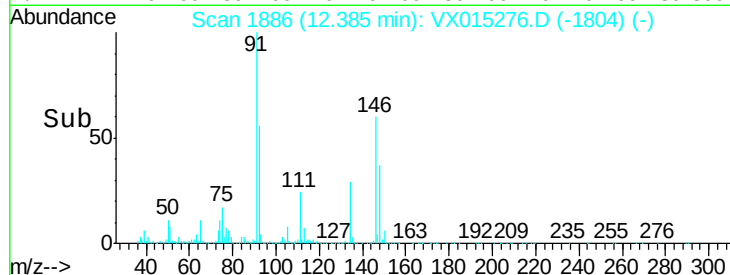
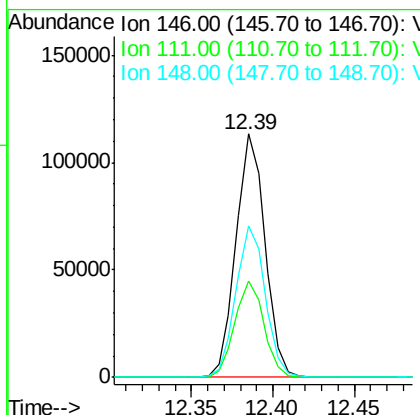
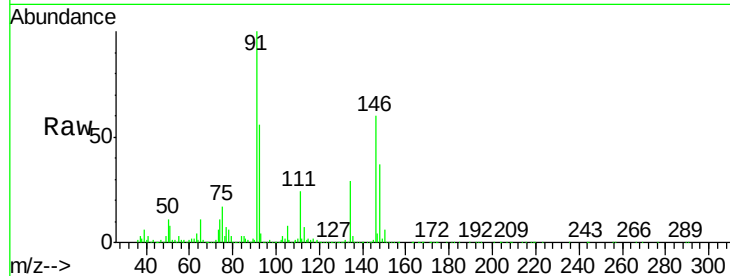
#87
 1,2-Dichlorobenzene
 Concen: 19.280 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	62.9	32.4	97.0

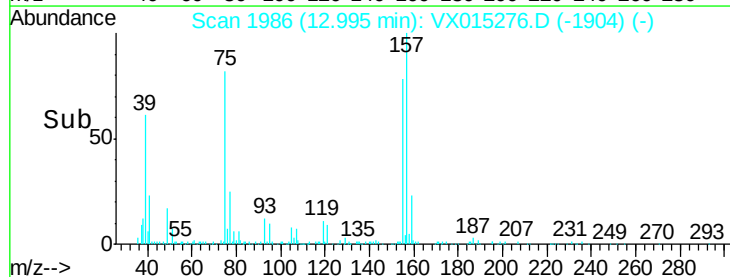
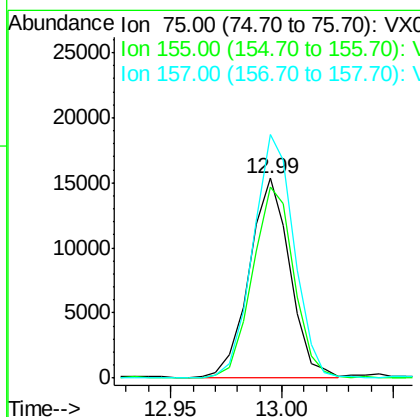
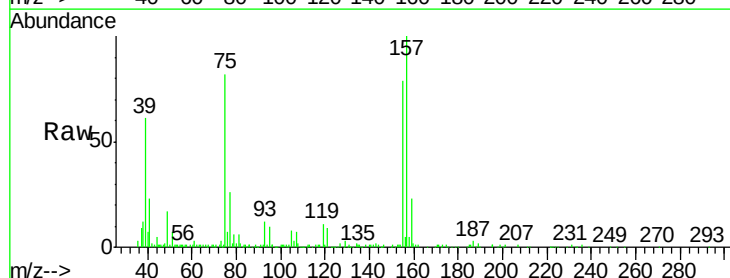
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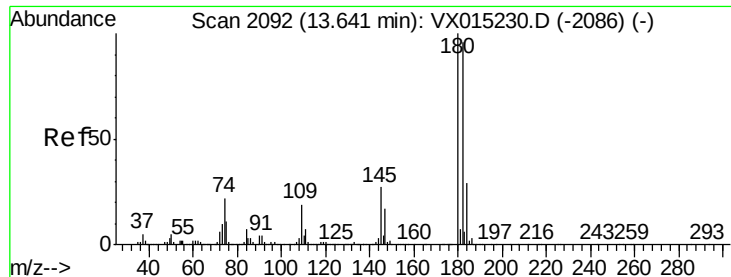
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.617 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	77.5	116.3
157	123.8	103.0	154.4





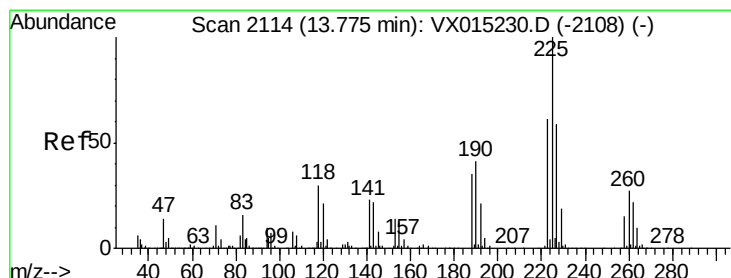
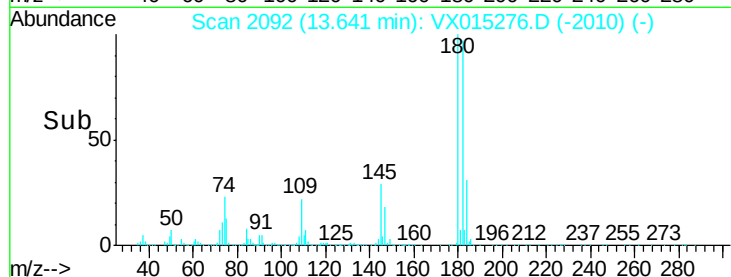
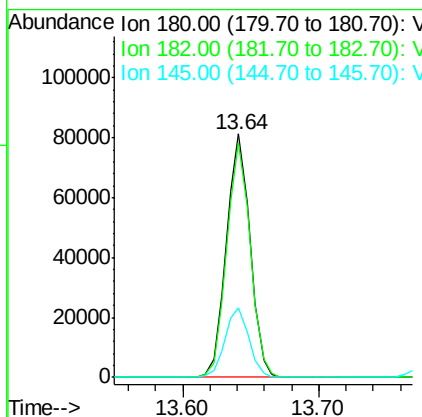
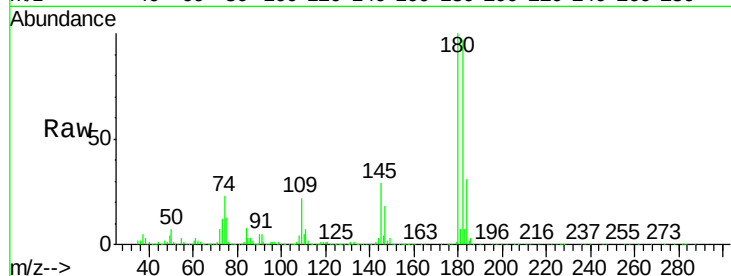
#89
 1,2,4-Trichlorobenzene
 Concen: 18.146 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	115.0
145	28.8	22.7	34.1

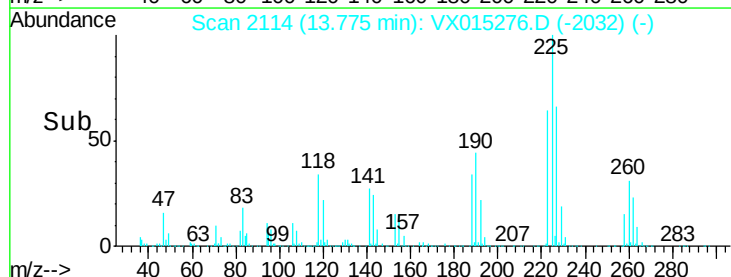
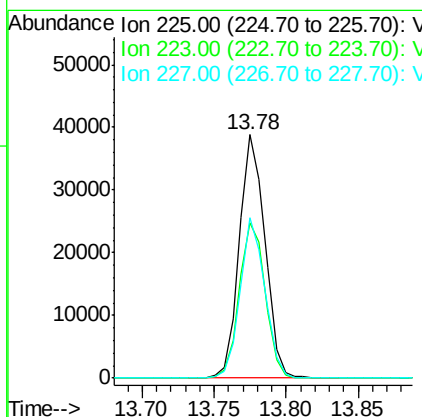
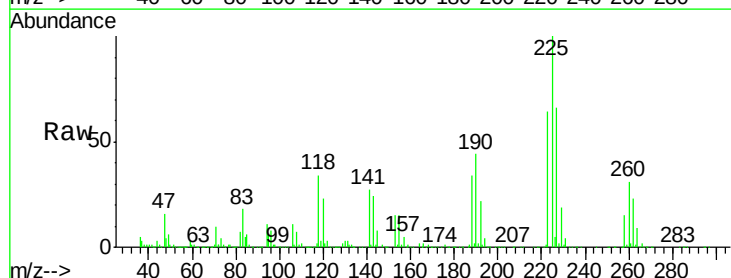
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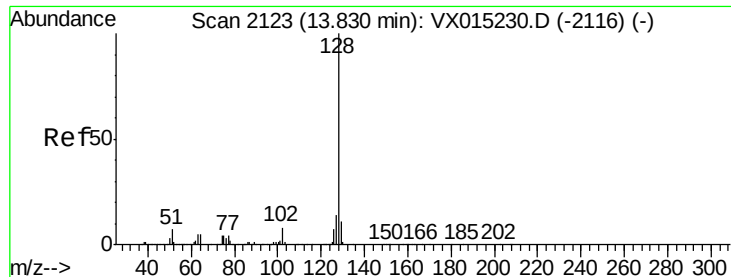
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#90
 Hexachlorobutadiene
 Concen: 17.331 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015276.D
 Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	125.0
227	63.0	0.0	126.2





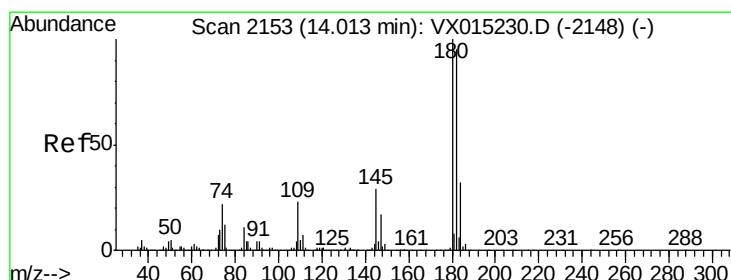
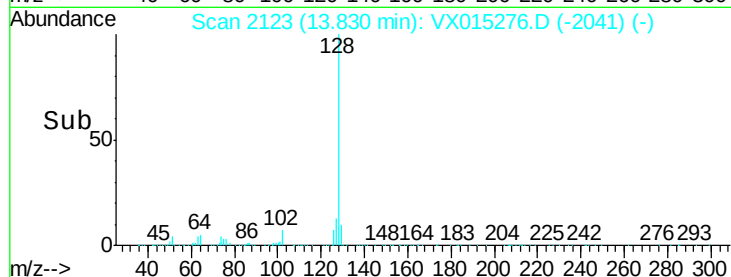
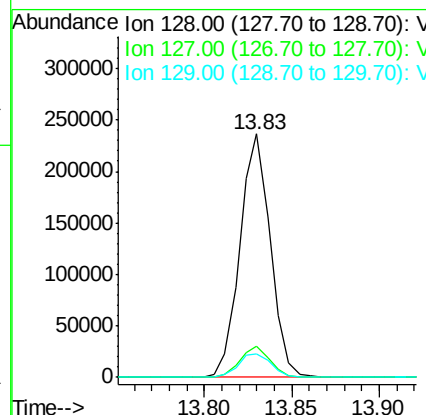
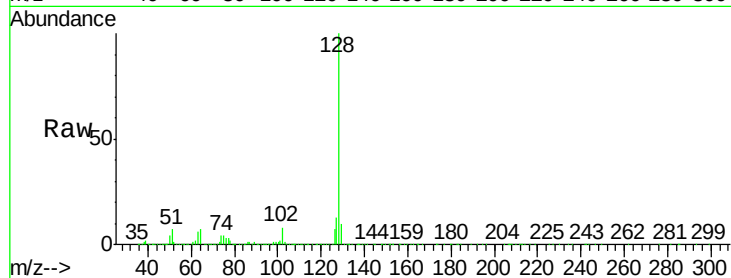
#91
Naphthalene
Concen: 18.954 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.8	16.2
129	10.7	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 18.155 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015276.D
Acq: 13 Mar 2020 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	0.0	192.0
145	28.6	0.0	60.0

