

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014815.D
 Acq On : 05 Feb 2020 12:13
 Operator : JC/SP
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 1:32:30 PM

Quant Time: Feb 06 03:43:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	65188	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	344160	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	321126	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	145545	31.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.87%
60) 4-Bromofluorobenzene	11.13	95	153558	29.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.60%
63) Toluene-d8	8.71	98	427907	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	82293	18.267	ug/l 96
3) Chloromethane	1.32	50	88692	17.982	ug/l 95
4) Vinyl Chloride	1.40	62	96913	17.499	ug/l 96
5) Bromomethane	1.63	94	60472	17.498	ug/l 98
6) Chloroethane	1.72	64	58414	18.710	ug/l 100
7) Trichlorofluoromethane	1.92	101	111719	18.219	ug/l 100
8) Diethyl Ether	2.18	74	53996	20.159	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66908	18.649	ug/l 99
10) 1,1-Dichloroethene	2.37	96	65457	18.139	ug/l 97
11) Methyl Iodide	2.50	142	89785	18.552	ug/l 99
12) Methyl Acetate	2.76	43	132382	20.307	ug/l 100
13) Acrolein	2.28	56	62113	90.711	ug/l 98
14) Acrylonitrile	3.12	53	216009	96.839	ug/l 99
15) Acetone	2.43	58	69130	92.444	ug/l 86
16) Carbon Disulfide	2.56	76	167020	16.852	ug/l 98
17) Allyl chloride	2.72	41	123273	18.458	ug/l 92
18) Methylene Chloride	2.85	84	82585	19.554	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	72438	18.647	ug/l 97
20) Diisopropyl ether	3.84	45	263322	19.928	ug/l 94
21) 1,1-Dichloroethane	3.69	63	138567	19.303	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	86615	19.403	ug/l 97
23) tert-Butyl Alcohol	3.02	59	88456	95.888	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	245529	20.444	ug/l 99
25) Chloroform	5.20	83	141212	20.308	ug/l 98
26) Cyclohexane	5.57	56	113969	17.212	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	94901	18.802	ug/l 99
30) 2-Butanone	4.65	43	314745	98.440	ug/l 99
31) 2,2-Dichloropropane	4.57	77	106415	19.704	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	110047	19.707	ug/l 99
33) Carbon Tetrachloride	5.77	117	94053	19.619	ug/l 96
34) Benzene	6.13	78	311769	19.989	ug/l 98
35) Methacrylonitrile	5.03	41	64137	20.085	ug/l 96
36) 1,2-Dichloroethane	6.18	62	116179	21.405	ug/l 98
37) Trichloroethene	7.20	130	85651	20.056	ug/l 99
38) Methylcyclohexane	7.46	83	114009	18.142	ug/l 98
39) 1,2-Dichloropropane	7.50	63	81238	20.030	ug/l 96
40) Dibromomethane	7.65	93	54530	20.921	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	107969	21.153	ug/l	98
42) Vinyl Acetate	3.80	43	989385	100.396	ug/l	99
43) Ethyl Acetate	4.81	43	117150	20.240	ug/l	95
44) Isopropyl Acetate	6.43	43	185835	19.903	ug/l	98
45) 1,4-Dioxane	7.73	88	38890	416.383	ug/l	99
46) Methyl methacrylate	7.76	41	90535	19.717	ug/l	99
47) n-amyl Acetate	10.89	43	152392	19.479	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	115167	20.666	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	128327	20.437	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	82596	20.825	ug/l	99
51) Ethyl methacrylate	9.17	69	125123	20.261	ug/l	98
52) 1,3-Dichloropropane	9.36	76	140692	20.937	ug/l	100
53) Dibromochloromethane	9.57	129	85095	20.976	ug/l	99
54) 1,2-Dibromoethane	9.67	107	85760	20.849	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	265971	93.713	ug/l	99
56) Bromoform	10.85	173	64198	20.544	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	595117	98.410	ug/l	99
59) 2-Hexanone	9.48	43	462693	98.931	ug/l	99
61) Tetrachloroethene	9.33	164	95759	20.175	ug/l	98
62) Toluene	8.78	91	335119	19.670	ug/l	100
64) Chlorobenzene	10.13	112	213206	20.046	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	81841	20.835	ug/l	100
66) Ethyl Benzene	10.24	91	353000	19.022	ug/l	98
67) m/p-Xylenes	10.35	106	282172	39.697	ug/l	99
68) o-Xylene	10.70	106	136532	19.725	ug/l	99
69) Styrene	10.71	104	230636	19.666	ug/l	100
70) Isopropylbenzene	11.01	105	348908	19.241	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	119869	19.624	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	105327m	20.159	ug/l	
73) Bromobenzene	11.25	156	95667	19.902	ug/l	99
74) n-propylbenzene	11.35	91	398301	19.222	ug/l	98
75) 2-Chlorotoluene	11.42	91	245013	19.730	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	296172	19.601	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	37443	18.620	ug/l	99
78) 4-Chlorotoluene	11.51	91	275738	19.551	ug/l	98
79) tert-butylbenzene	11.76	119	264435	18.703	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	299452	19.870	ug/l	99
81) sec-Butylbenzene	11.94	105	327717	18.732	ug/l	99
82) p-Isopropyltoluene	12.06	119	298262	18.675	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	167381	19.942	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	169199	20.333	ug/l	99
85) n-Butylbenzene	12.38	91	243447	17.421	ug/l	99
86) Hexachloroethane	12.59	117	53691	18.747	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	170190	20.096	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	26095	19.999	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	106645	19.078	ug/l	99
90) Hexachlorobutadiene	13.77	225	50101	17.937	ug/l	99
91) Naphthalene	13.83	128	319399	18.929	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	112058	19.694	ug/l	97

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ClientSampleId :
VX0205WBS01

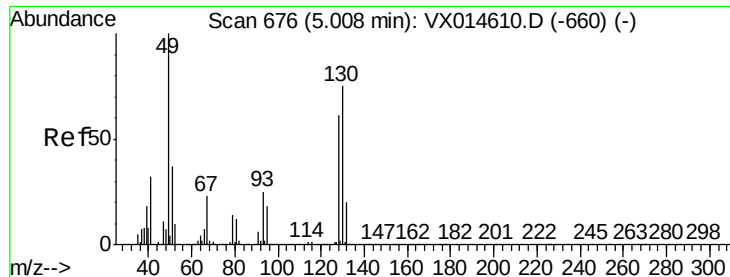
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

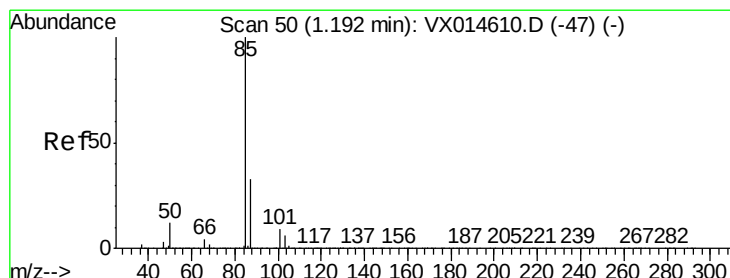
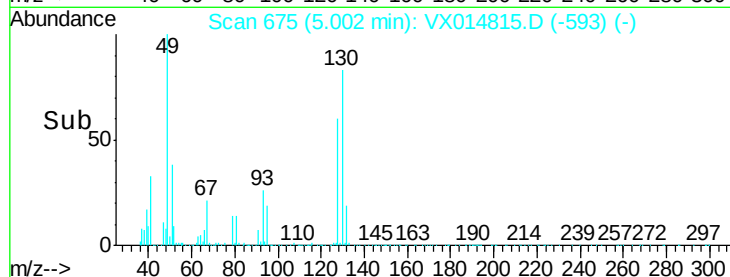
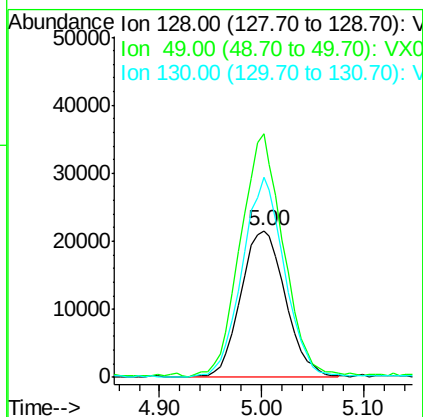
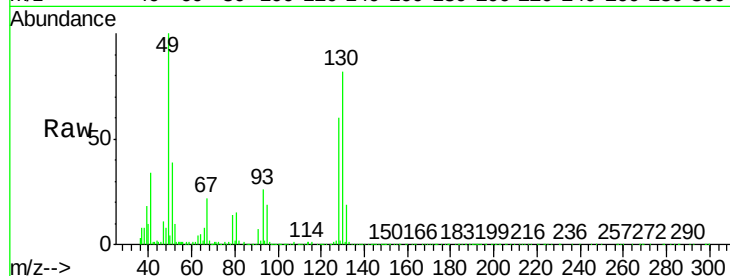
ClientSampleId :

VX0205WBS01

Tot Ion:	128	Resp:	65188
Ion	Ratio	Lower	Upper
128	100		
49	159.2	0.0	405.0
130	130.1	0.0	321.5

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#2

Dichlorodifluoromethane

Concen: 18.267 ug/l

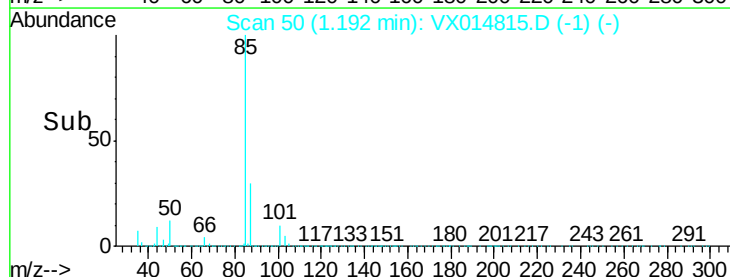
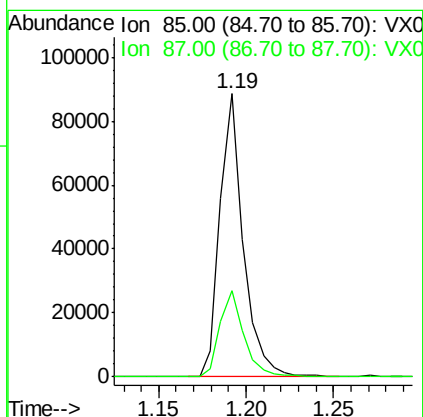
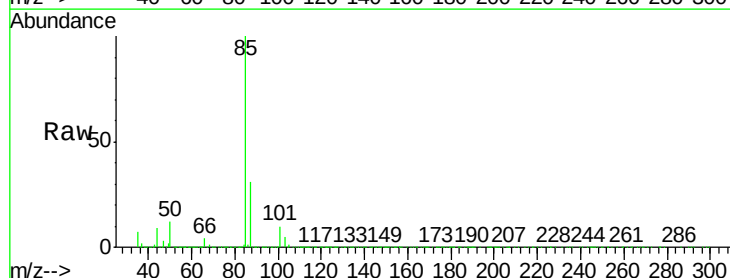
RT: 1.19 min Scan# 50

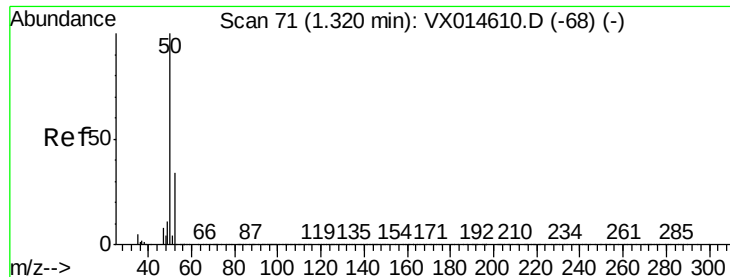
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	85	Resp:	82293
Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.3	48.9





#3

Chloromethane

Concen: 17.982 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 50 Resp: 88692

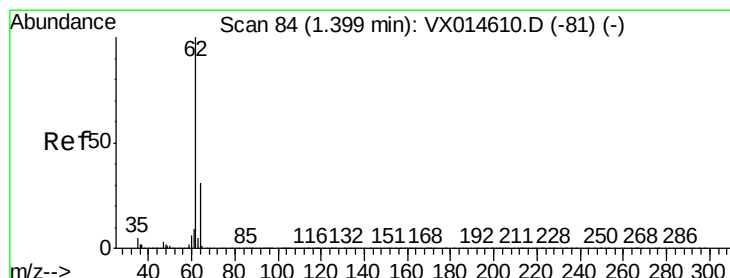
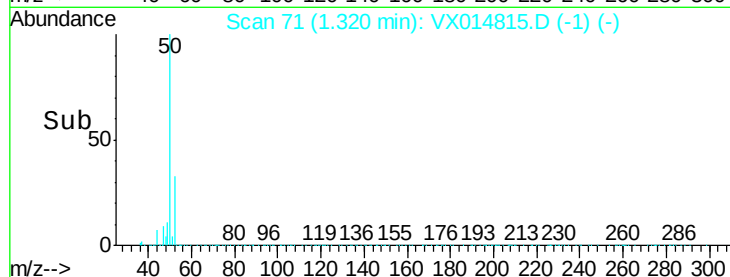
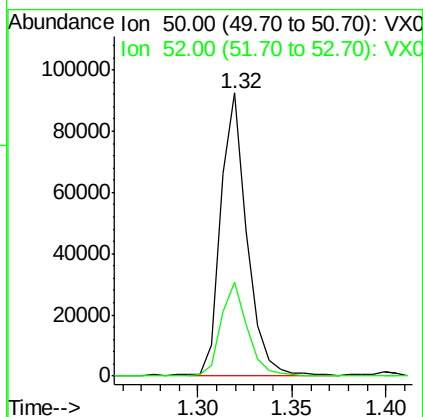
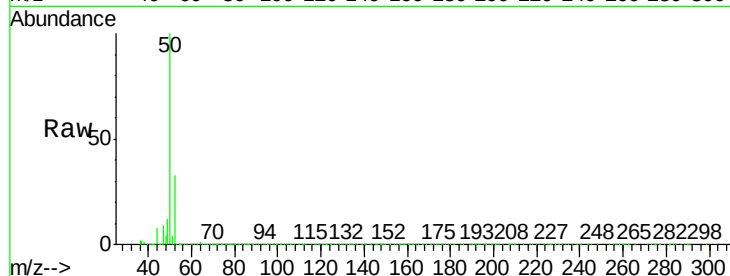
Ion Ratio Lower Upper

50 100

52 33.3 24.3 36.5

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#4

Vinyl Chloride

Concen: 17.499 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014815.D

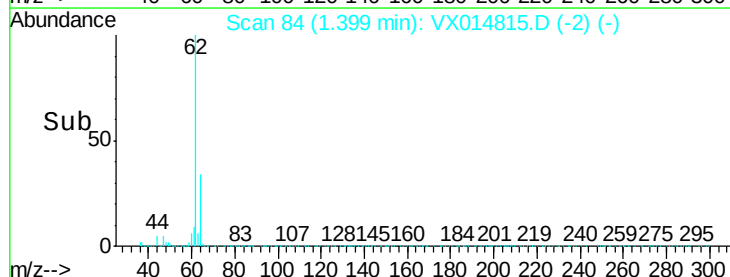
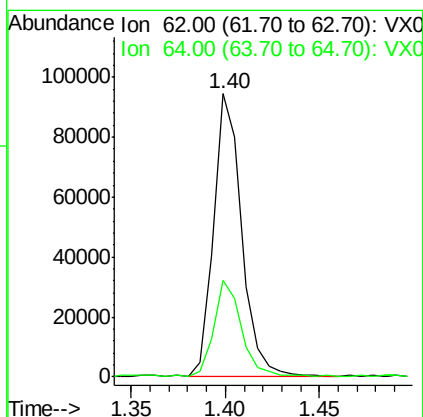
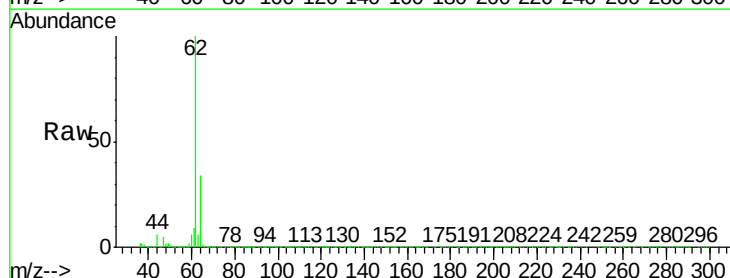
Acq: 05 Feb 2020 12:13

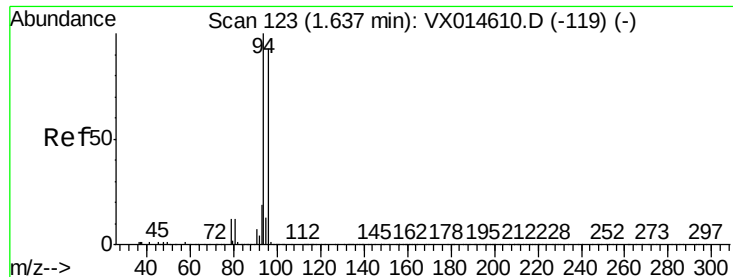
Tgt Ion: 62 Resp: 96913

Ion Ratio Lower Upper

62 100

64 33.6 25.2 37.8





#5

Bromomethane

Concen: 17.498 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 94 Resp: 60472

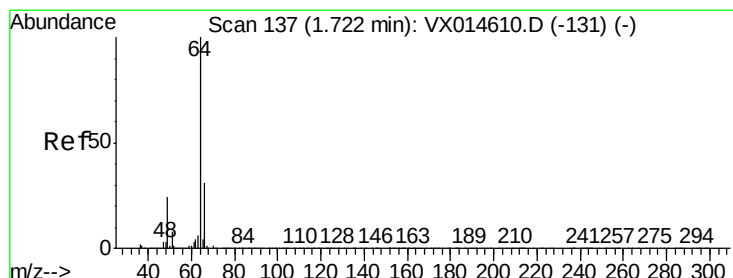
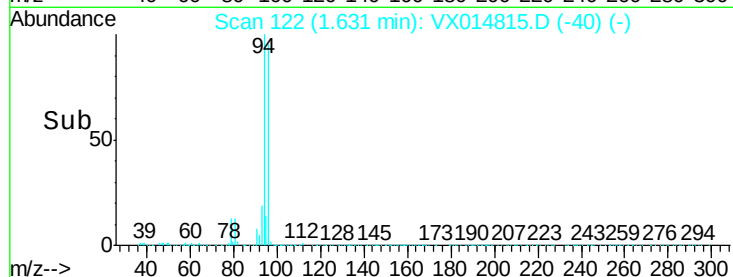
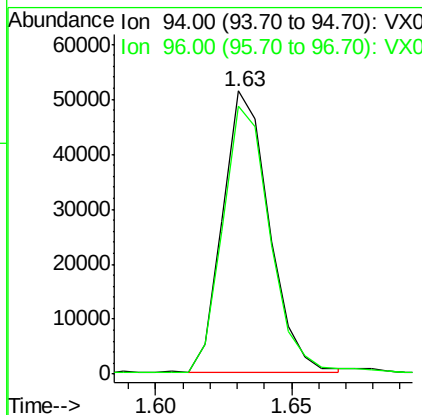
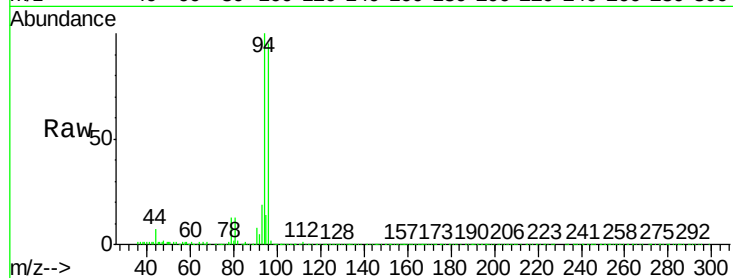
Ion Ratio Lower Upper

94 100

96 94.6 74.4 111.6

Manual Integrations
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#6

Chloroethane

Concen: 18.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014815.D

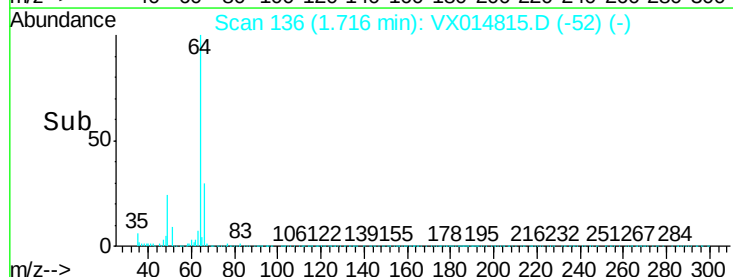
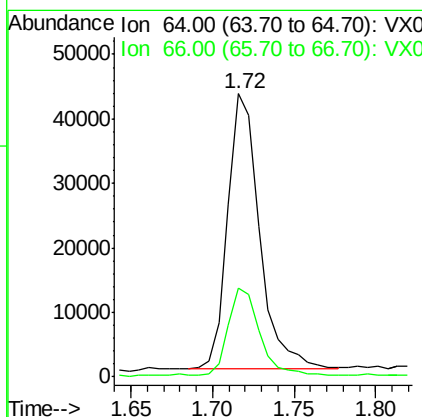
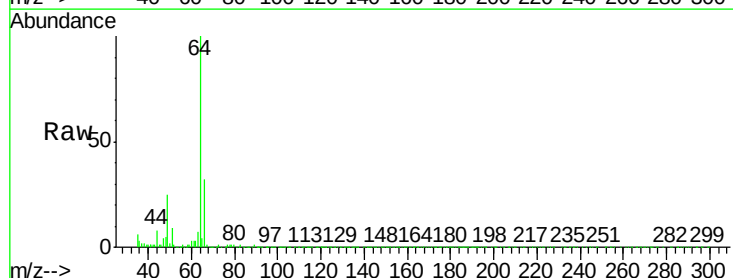
Acq: 05 Feb 2020 12:13

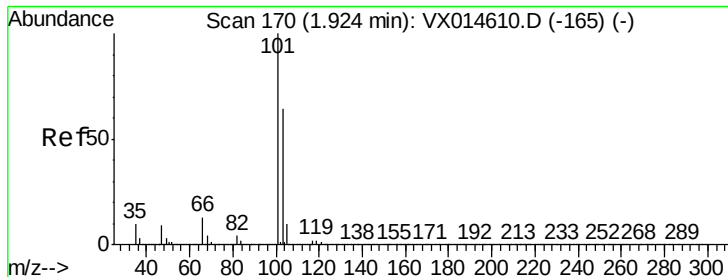
Tgt Ion: 64 Resp: 58414

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8





#7

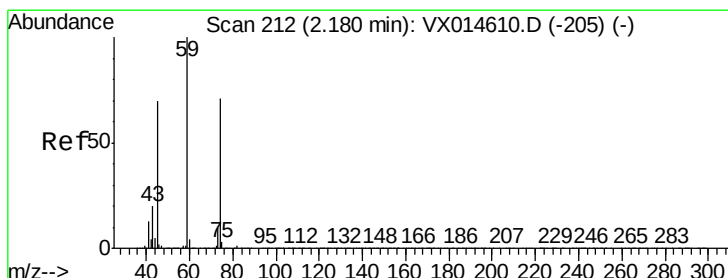
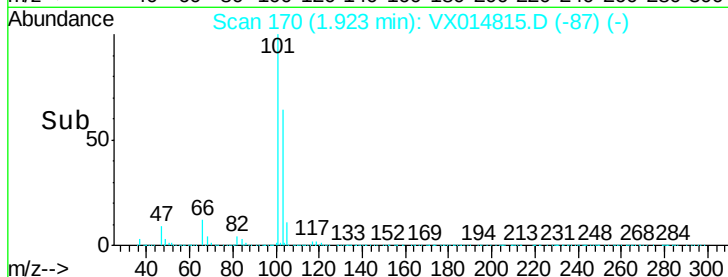
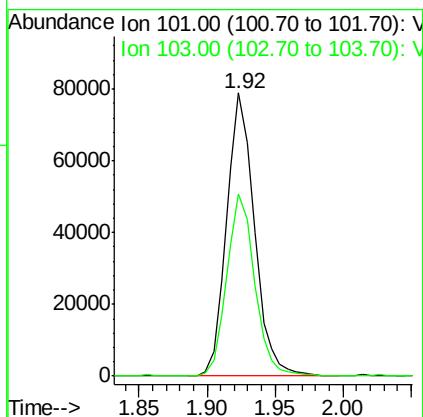
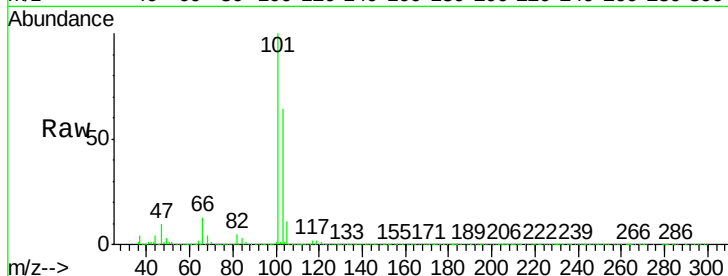
Trichlorofluoromethane
Concen: 18.219 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014815.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	111719		
103	64.1	51.6	77.4	

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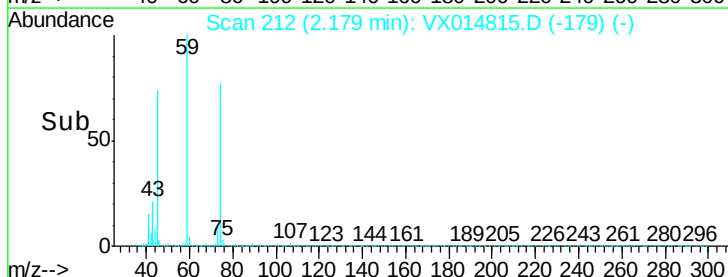
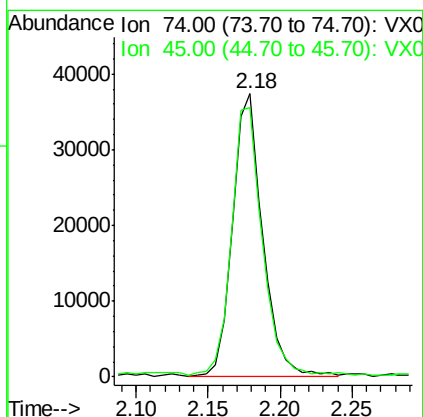
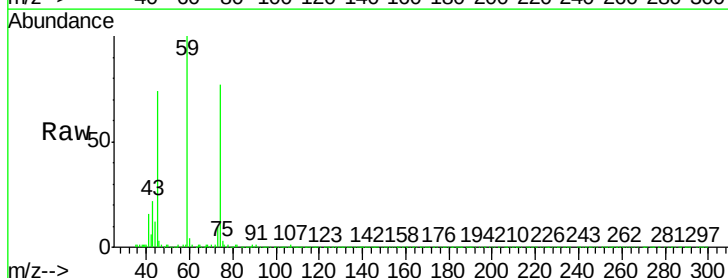
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2/6/2020 1:32:30 PM

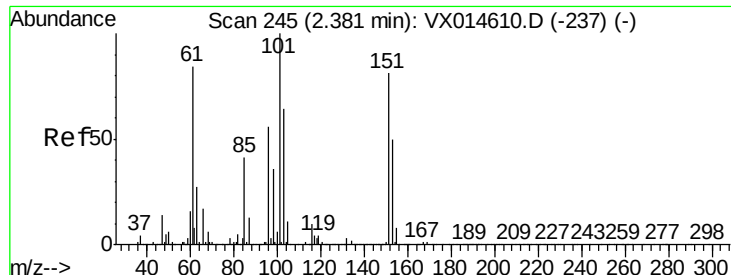


#8

Diethyl Ether
Concen: 20.159 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	53996		
45	97.3	20.6	185.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.649 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

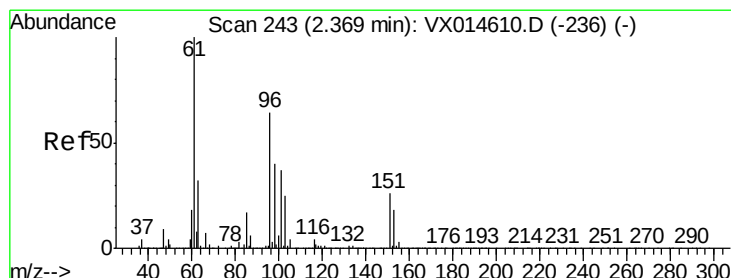
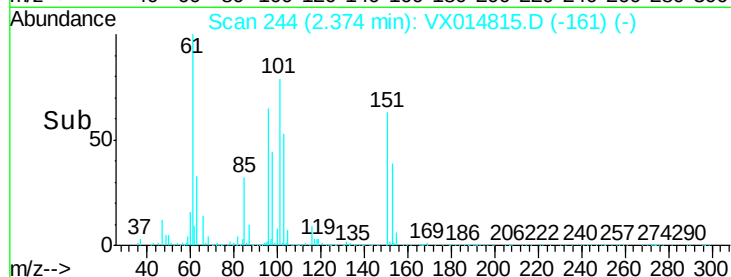
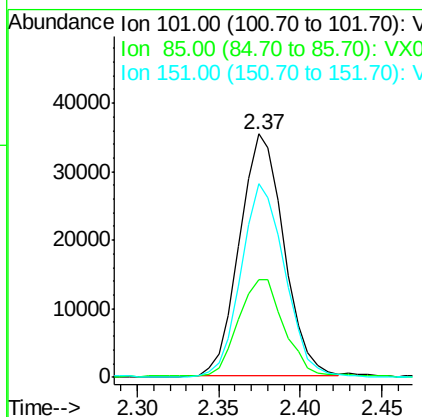
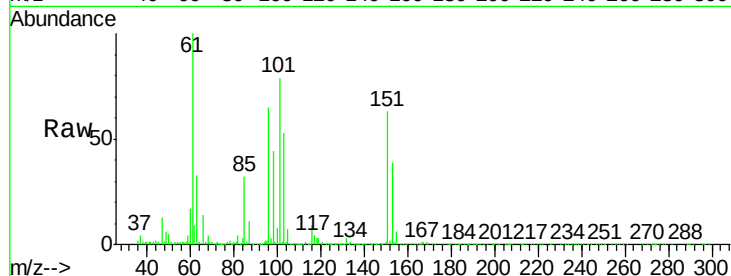
ClientSampleId :

VX0205WBS01

Tot Ion:	101	Resp:	66908
Ion Ratio	Lower	Upper	
101	100		
85	41.1	0.0	85.6
151	79.7	0.0	159.4

Manual Integrations
APPROVED

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2/6/2020 1:32:30 PM



#10

1,1-Dichloroethene

Concen: 18.139 ug/l

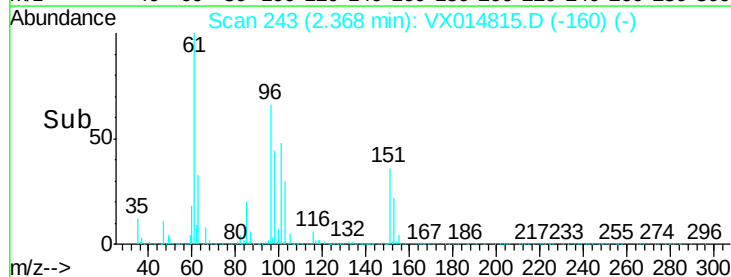
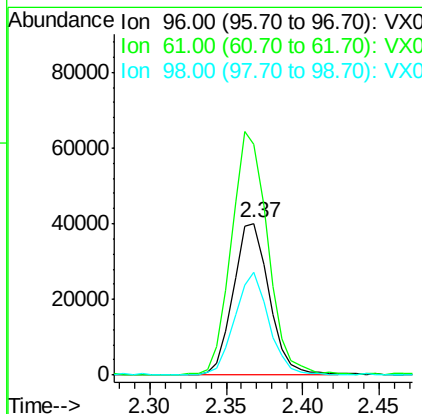
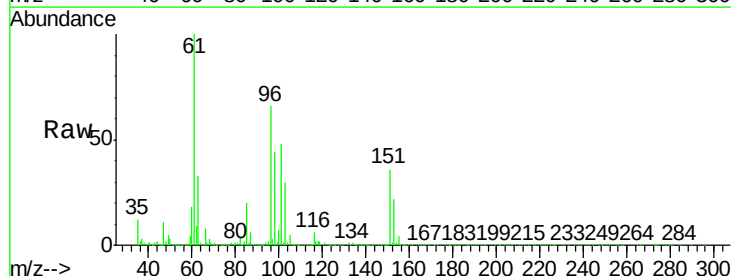
RT: 2.37 min Scan# 243

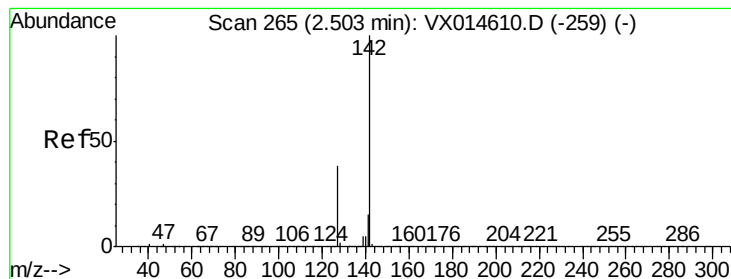
Delta R.T. 0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	96	Resp:	65457
Ion Ratio	Lower	Upper	
96	100		
61	151.2	123.0	184.6
98	67.1	51.4	77.0





#11

Methvl Iodide

Concen: 18.552 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

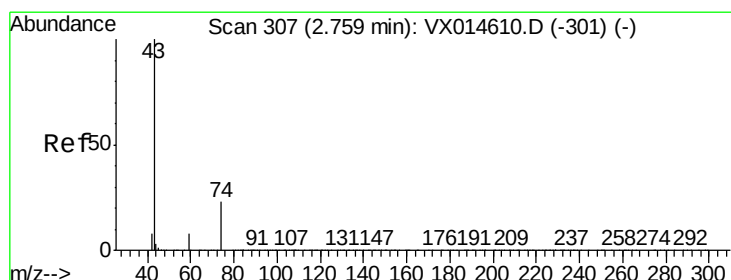
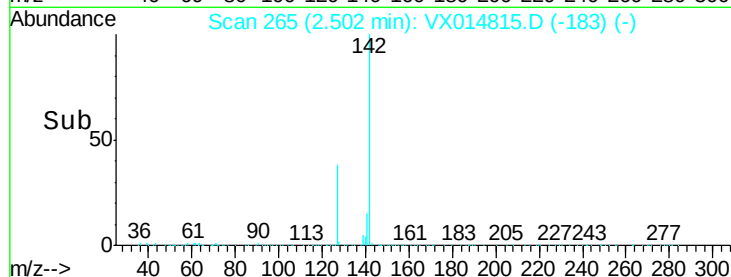
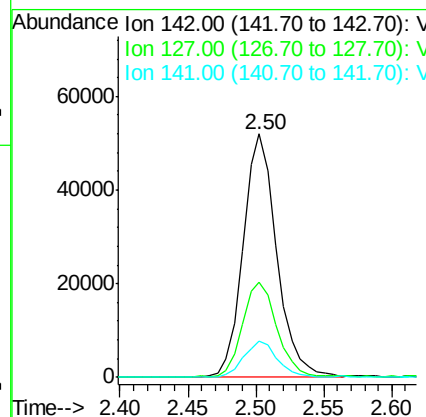
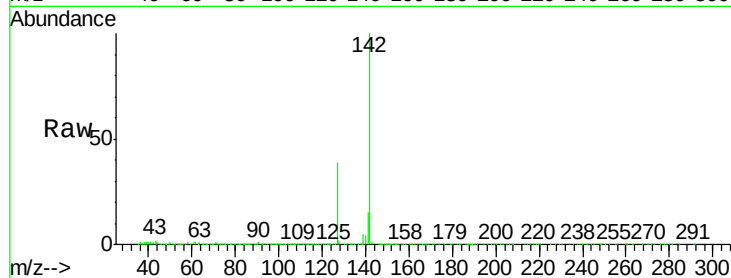
ClientSampleId :

VX0205WBS01

Tot Ion:	142	Resp:	89785
Ion Ratio	Lower	Upper	
142	100		
127	38.5	19.5	58.5
141	14.6	7.0	20.9

Manual Integrations
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2/6/2020 1:32:30 PM



#12

Methyl Acetate

Concen: 20.307 ug/l

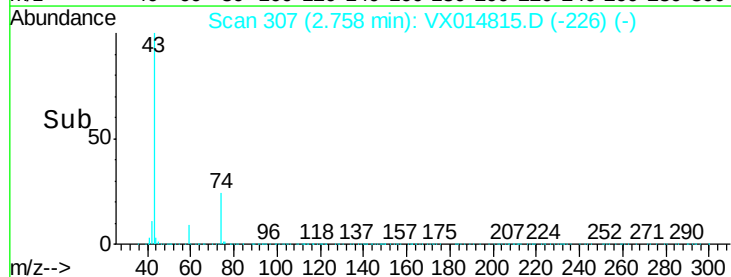
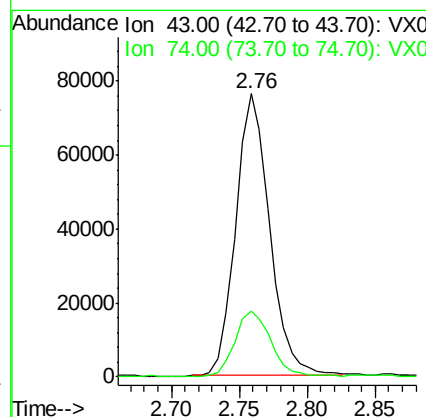
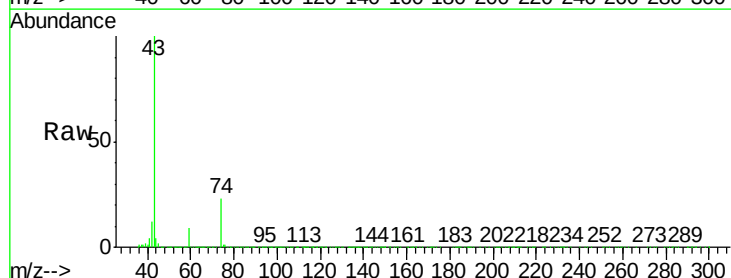
RT: 2.76 min Scan# 307

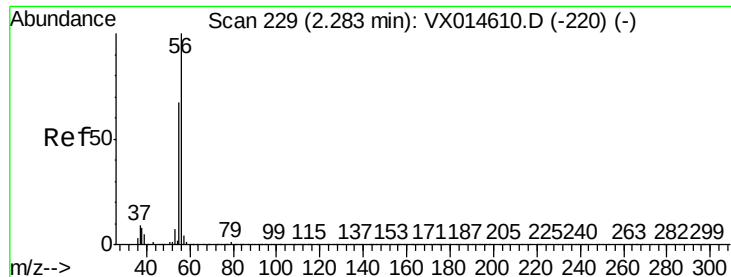
Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	43	Resp:	132382
Ion Ratio	Lower	Upper	
43	100		
74	23.3	18.5	27.7





#13

Acrolein

Concen: 90.711 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 56 Resp: 62113

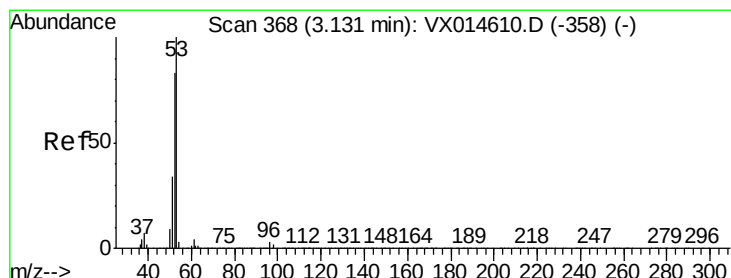
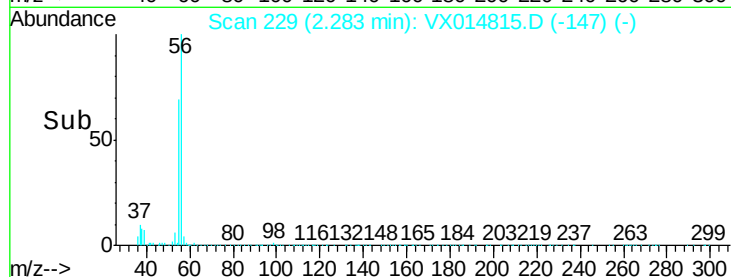
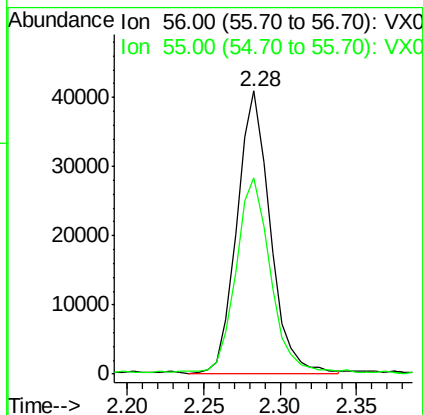
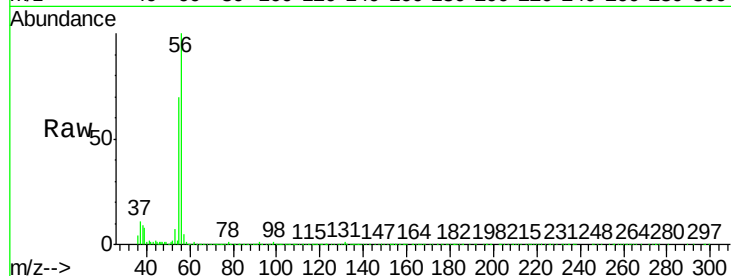
Ion Ratio Lower Upper

56 100

55 70.0 54.9 82.3

Manual Integrations
APPROVED

MMDadoda
2/6/2020 1:32:30 PM



#14

Acrylonitrile

Concen: 96.839 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

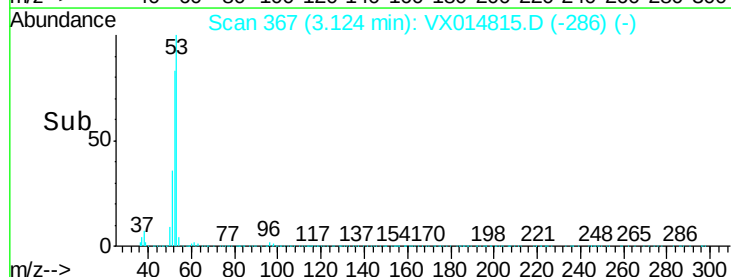
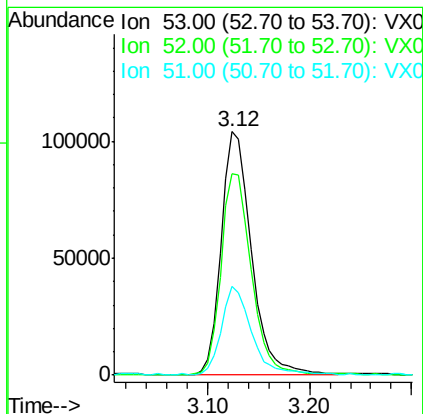
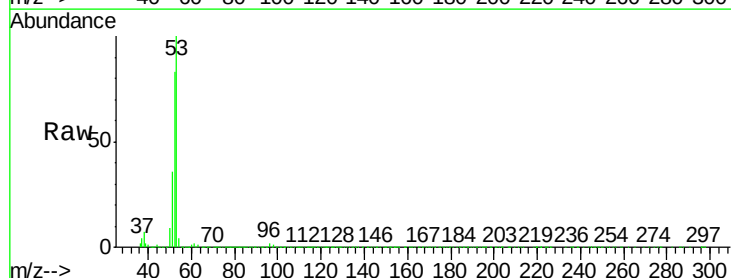
Tgt Ion: 53 Resp: 216009

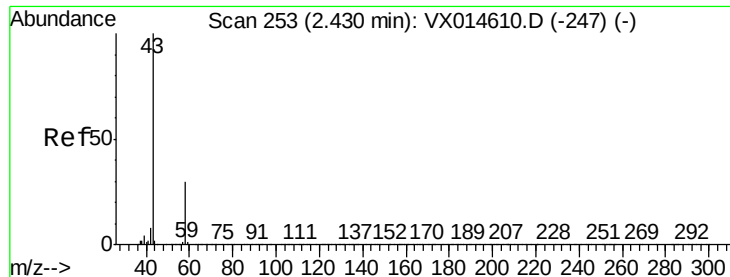
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.0 17.8 53.5





#15

Acetone

Concen: 92.444 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 58 Resp: 69130

Ion Ratio Lower Upper

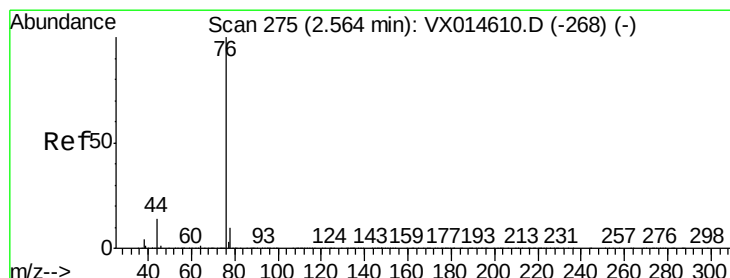
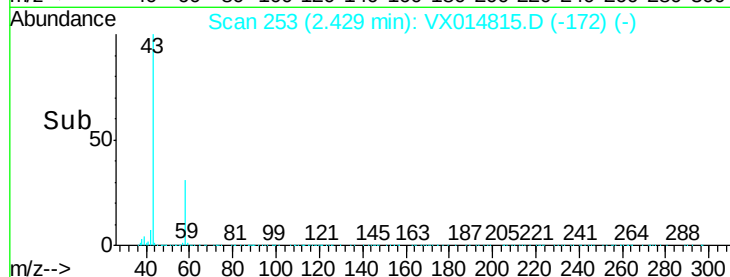
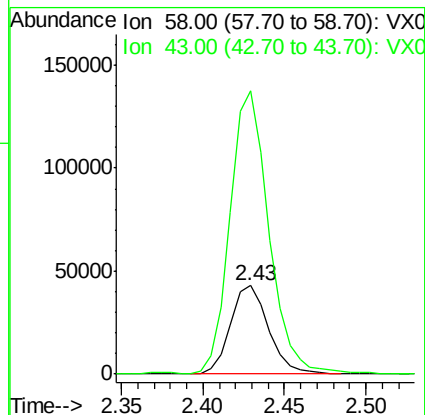
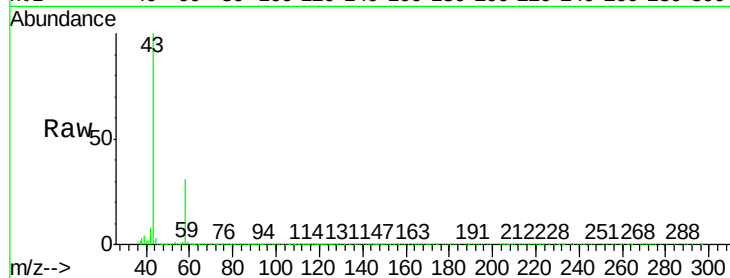
58 100

43 321.9 236.3 354.5

Manual Integrations
APPROVED

MMDadoda

2/6/2020 1:32:30 PM



#16

Carbon Disulfide

Concen: 16.852 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014815.D

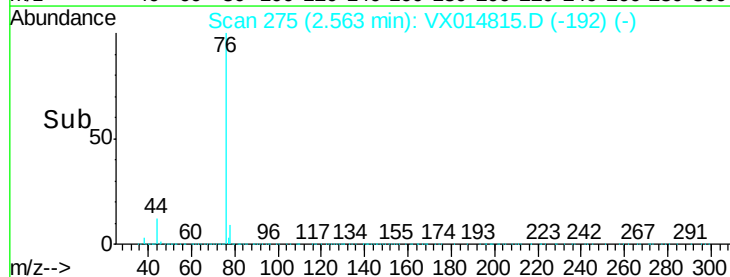
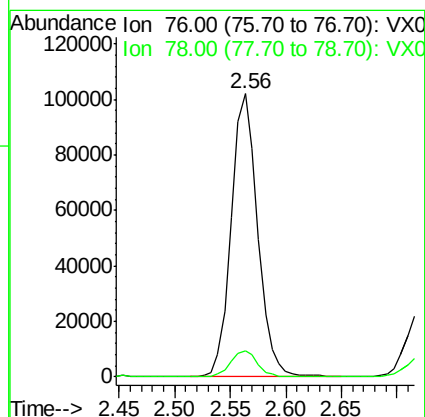
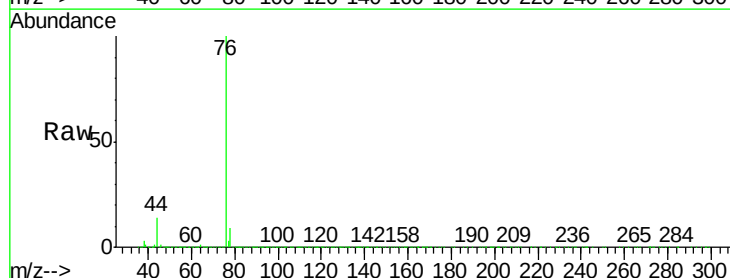
Acq: 05 Feb 2020 12:13

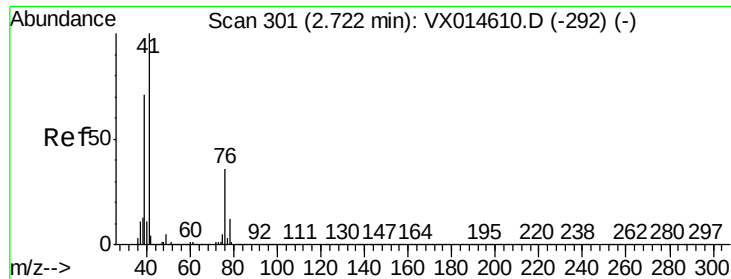
Tgt Ion: 76 Resp: 167020

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8





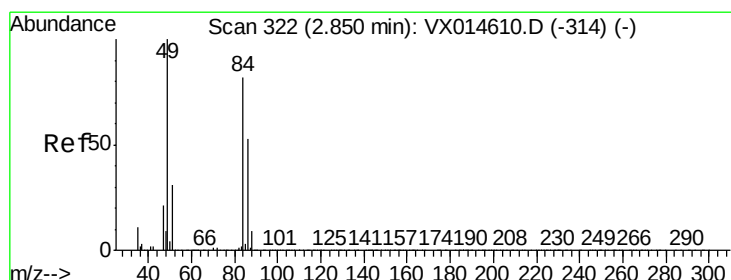
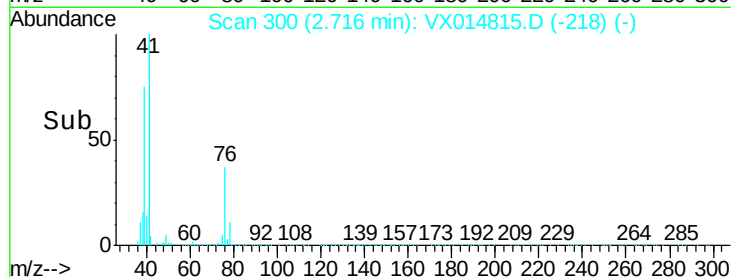
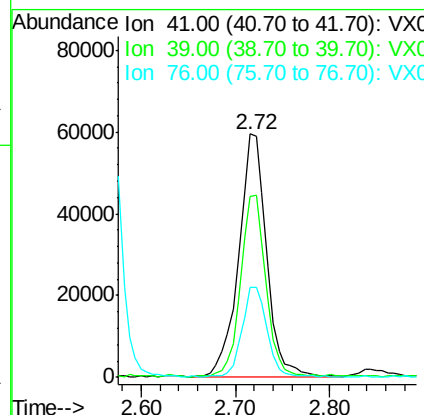
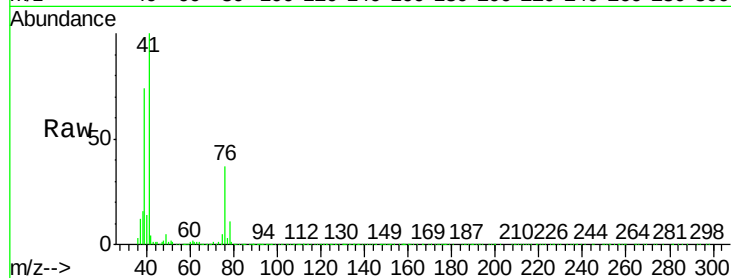
#17
Allvl chloride
Concen: 18.458 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	74.2	33.4	100.2
76	36.4	17.0	50.9

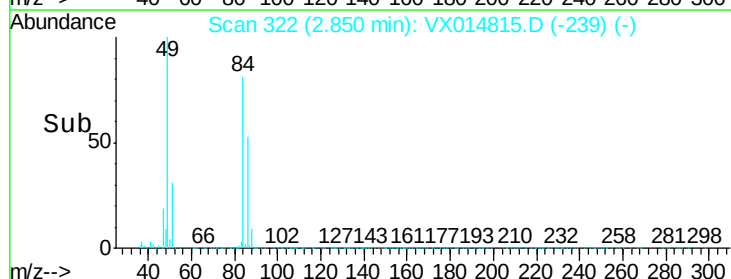
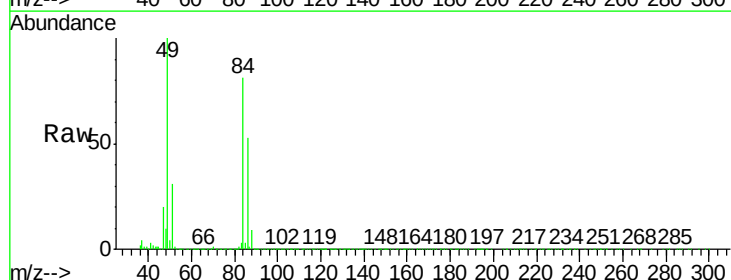
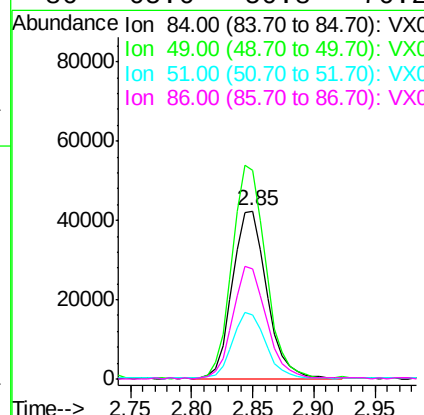
Manual Integrations
APPROVED

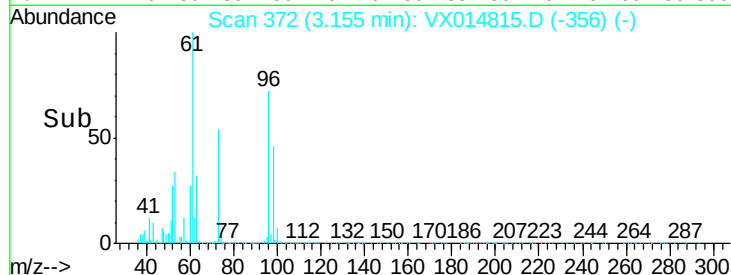
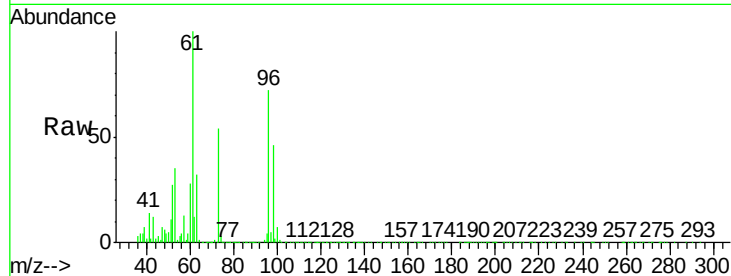
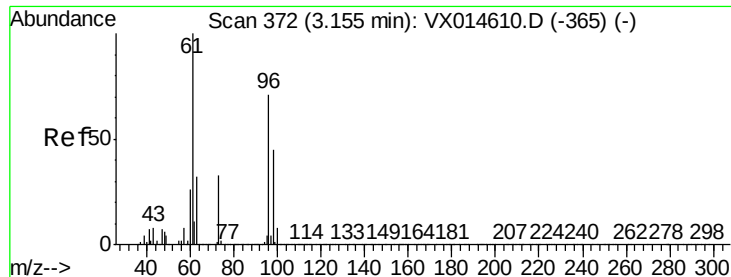
MMDadoda
2/6/2020 1:32:30 PM



#18
Methylene Chloride
Concen: 19.554 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
84	100		
49	123.1	102.2	153.2
51	37.0	31.4	47.0
86	65.6	50.8	76.2





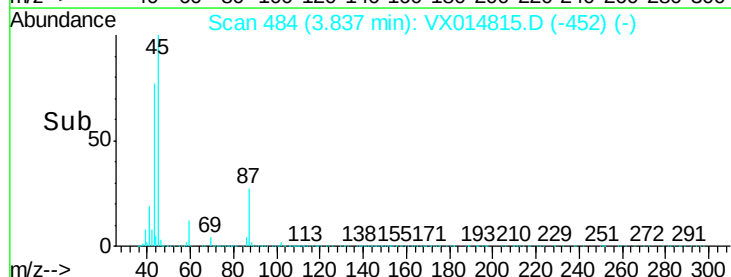
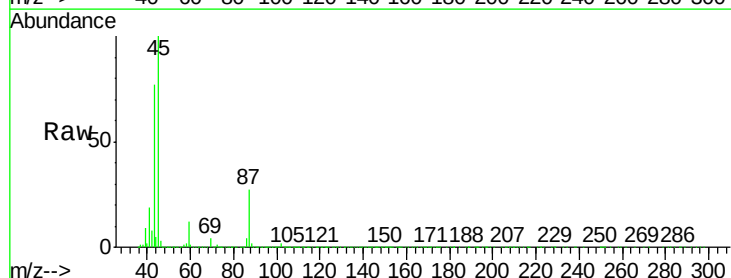
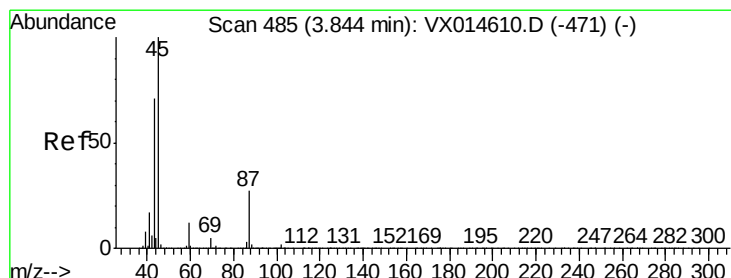
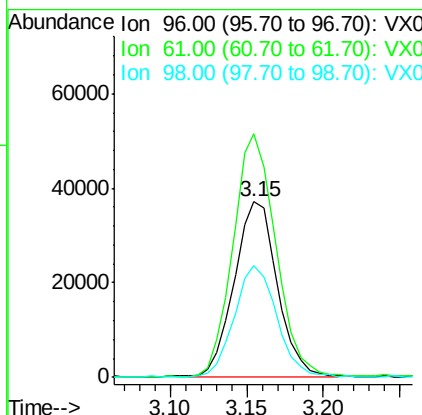
#19
trans-1,2-Dichloroethene
Concen: 18.647 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	139.0	106.6	159.8		
98	64.4	51.6	77.4		

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

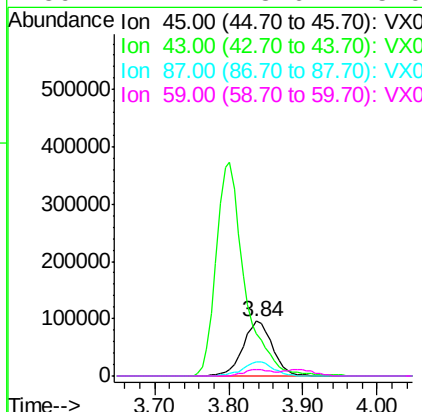
Manual Integrations
APPROVED

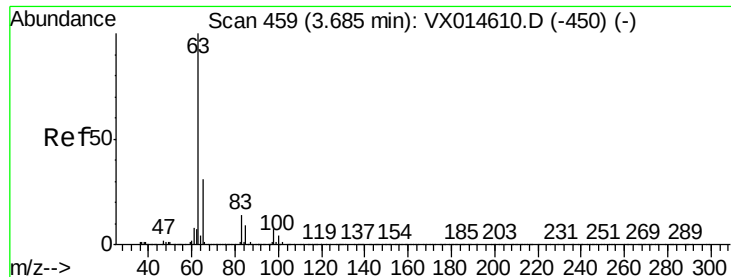
MMDadoda
2/6/2020 1:32:30 PM



#20
Diisopropyl ether
Concen: 19.928 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
43	76.6	55.9	83.9		
87	26.9	22.2	33.2		
59	12.2	8.6	13.0		





#21

1,1-Dichloroethane

Concen: 19.303 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

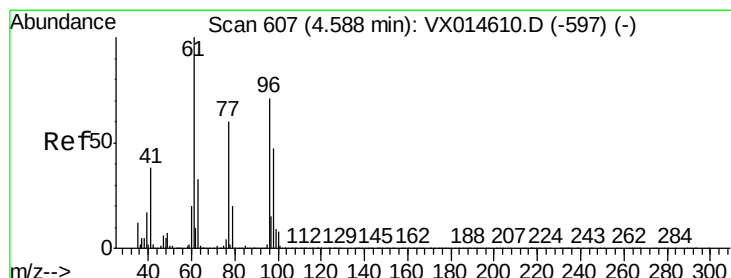
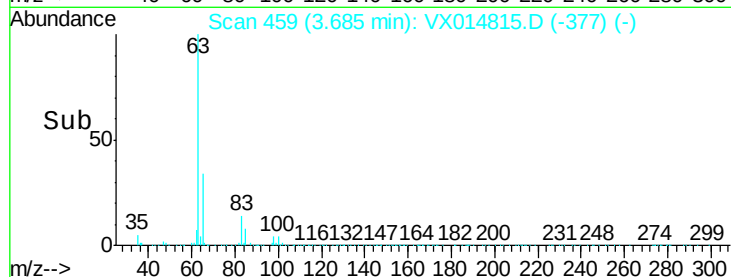
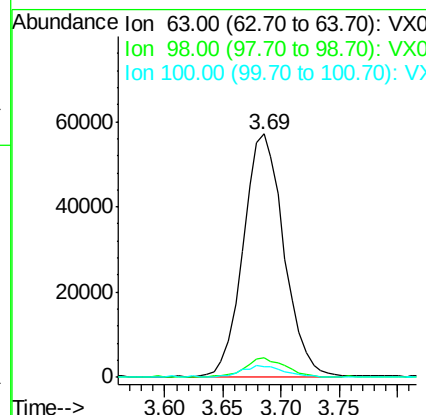
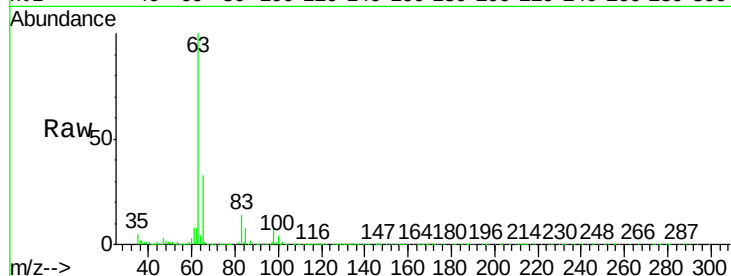
ClientSampleId :

VX0205WBS01

Tot Ion:	63	Resp:	138567
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.4	10.1
100	4.1	2.5	7.4

Manual Integrations
APPROVED

MMDadoda
2/6/2020 1:32:30 PM



#22

cis-1,2-Dichloroethene

Concen: 19.403 ug/l

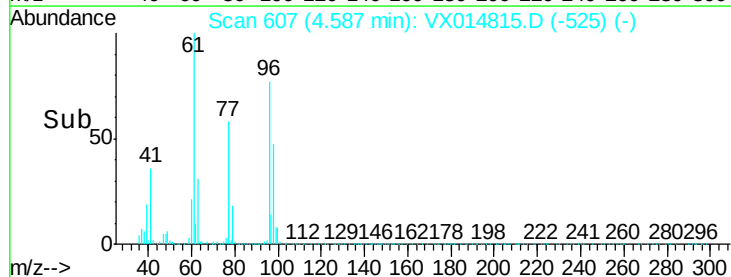
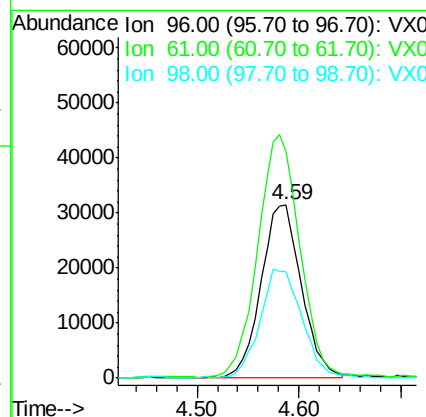
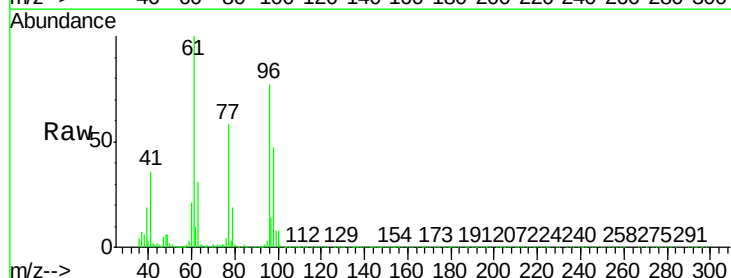
RT: 4.59 min Scan# 607

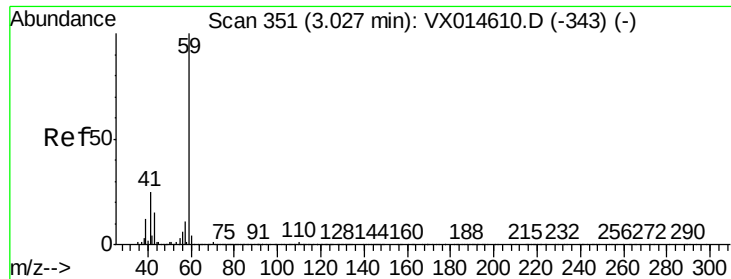
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	96	Resp:	86615
Ion Ratio	Lower	Upper	
96	100		
61	144.9	112.4	168.6
98	64.5	50.3	75.5





#23

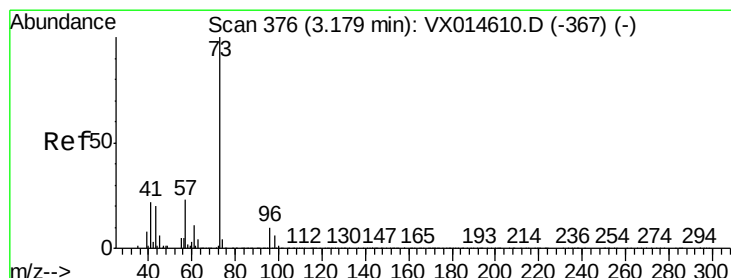
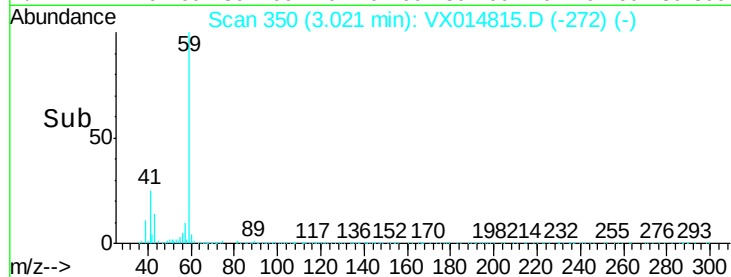
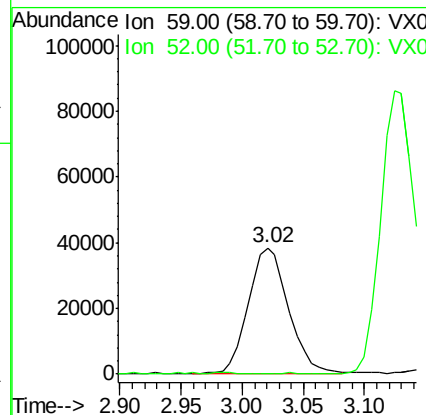
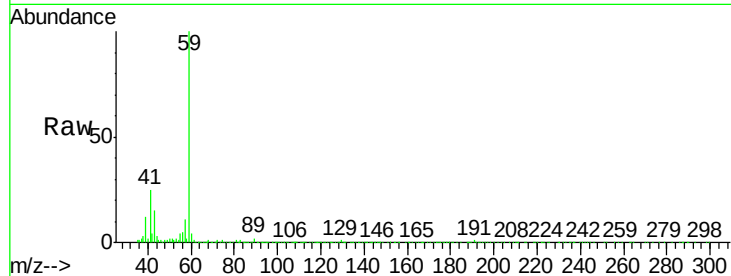
tert-Butyl Alcohol
Concen: 95.888 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

Manual Integrations
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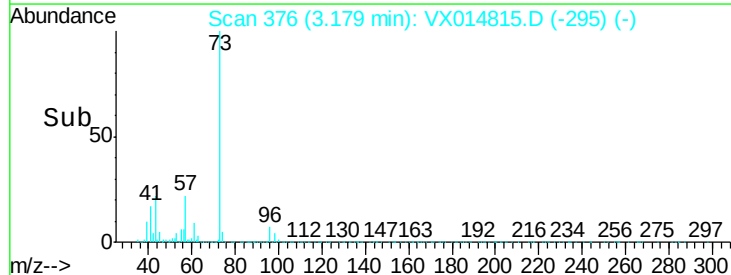
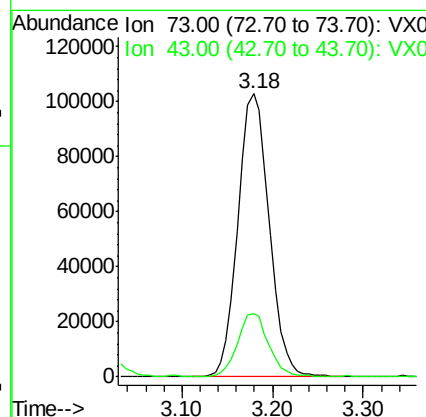
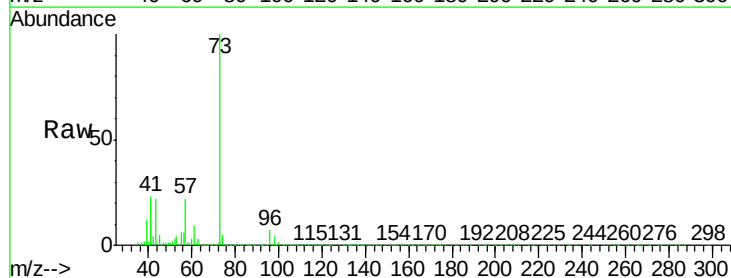
MMDadoda
2/6/2020 1:32:30 PM

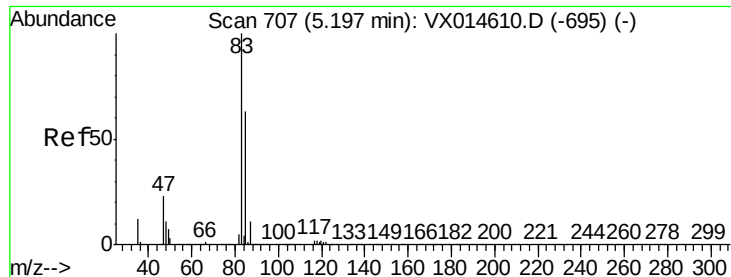


#24

Methyl tert-Butyl Ether
Concen: 20.444 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.6	25.0





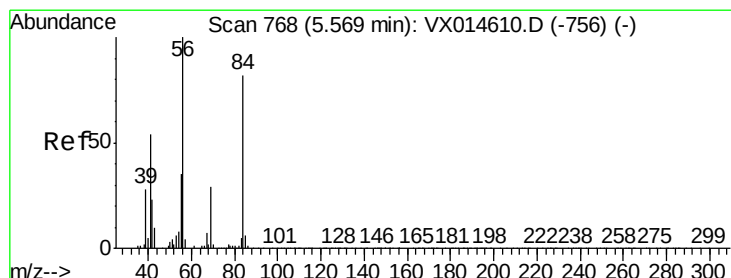
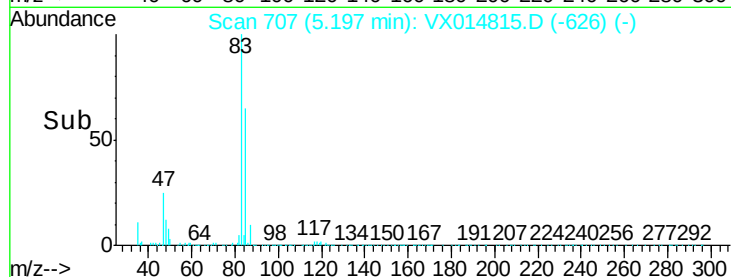
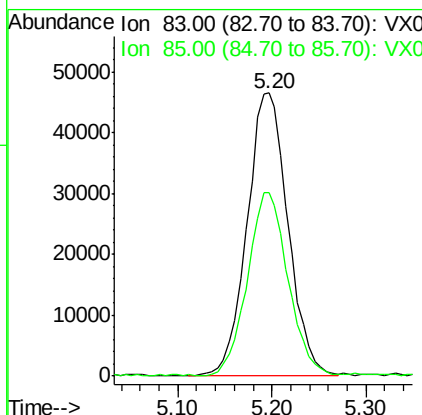
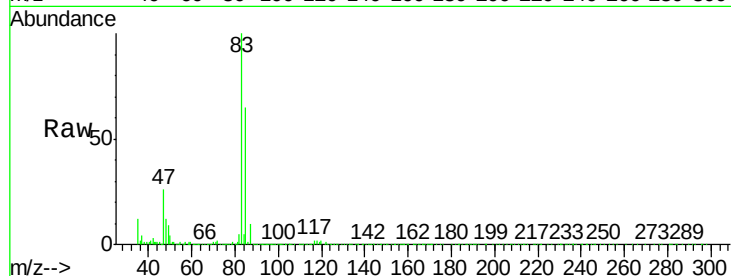
#25
Chloroform
Concen: 20.308 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.7	79.1

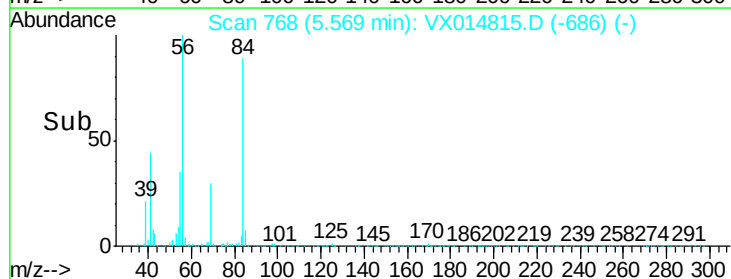
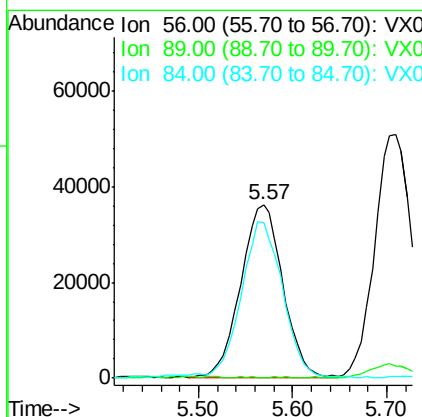
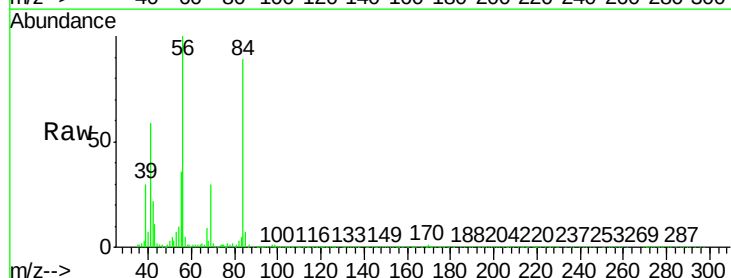
Manual Integrations
APPROVED

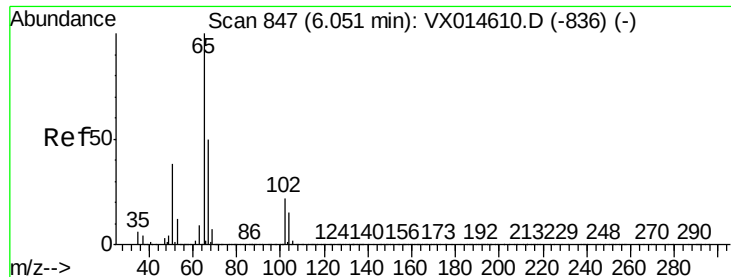
MMDadoda
2/6/2020 1:32:30 PM



#26
Cyclohexane
Concen: 17.212 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.1	0.1#
84	86.5	70.8	106.2





#27

1,2-Dichloroethane-d4

Concen: 31.765 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 65 Resp: 145545

Ion Ratio Lower Upper

65 100

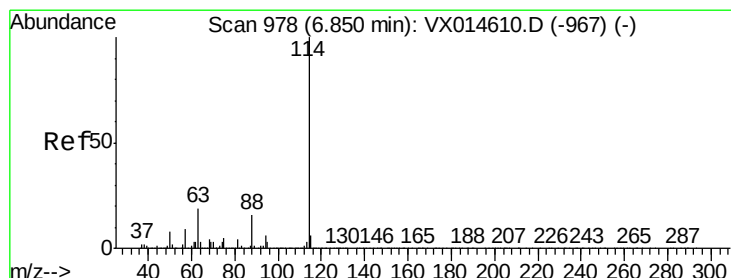
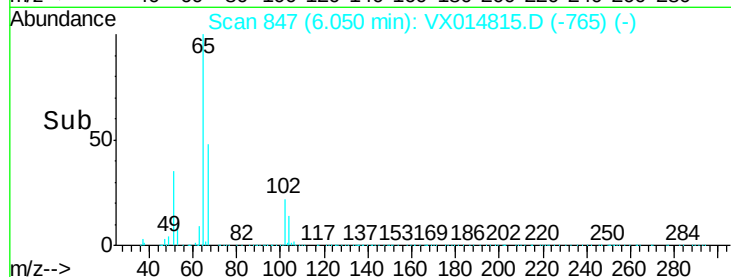
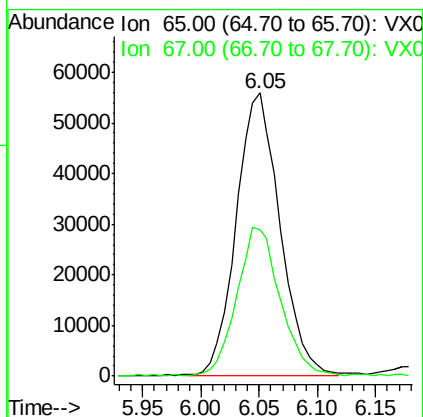
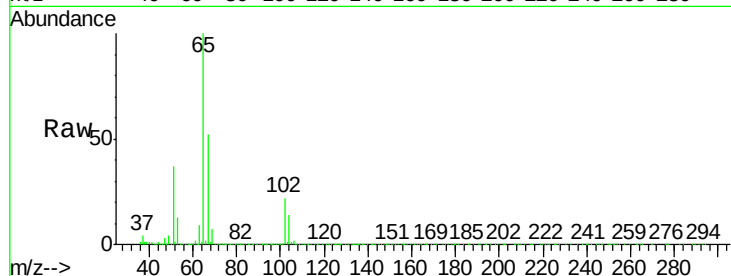
67 51.8 43.1 64.7

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

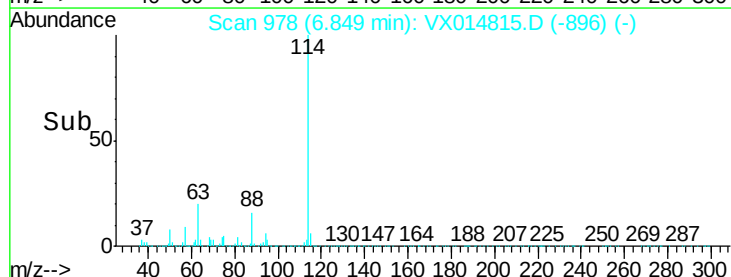
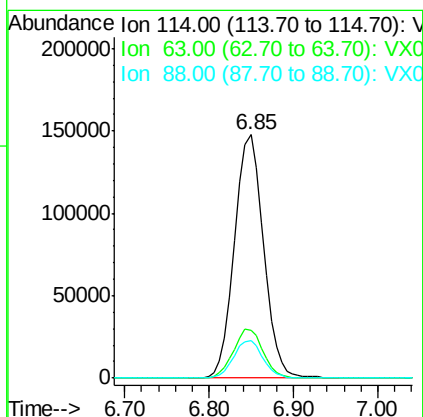
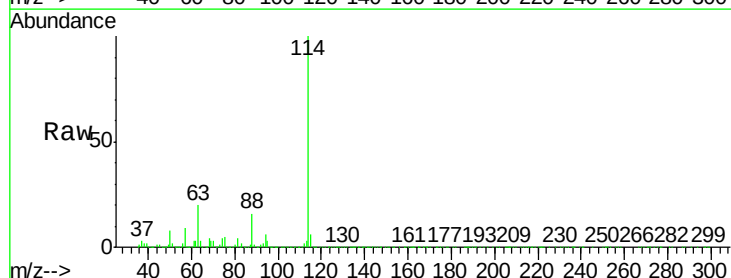
Tgt Ion: 114 Resp: 344160

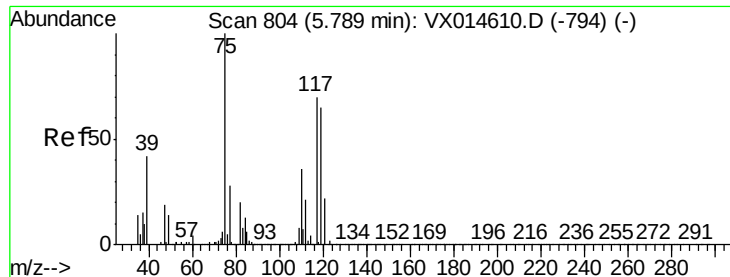
Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

88 15.3 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.802 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

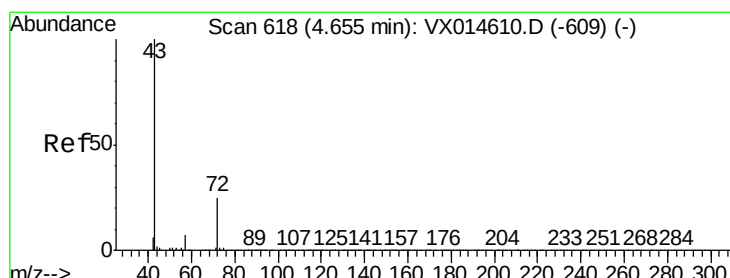
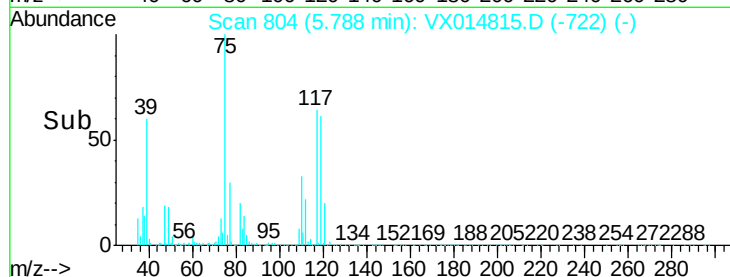
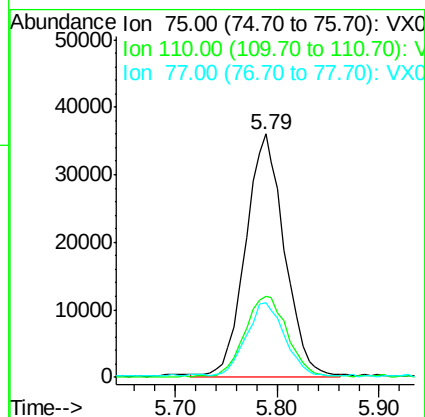
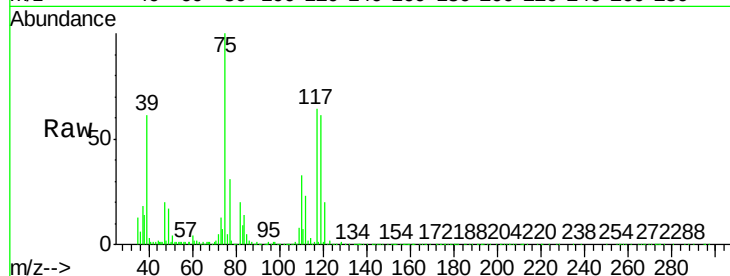
ClientSampleId :

VX0205WBS01

Tot Ion:	75	Resp:	94901
Ion Ratio	Lower	Upper	
75	100		
110	36.5	0.0	73.8
77	30.2	0.0	62.4

Manual Integrations
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2/6/2020 1:32:30 PM



#30

2-Butanone

Concen: 98.440 ug/l

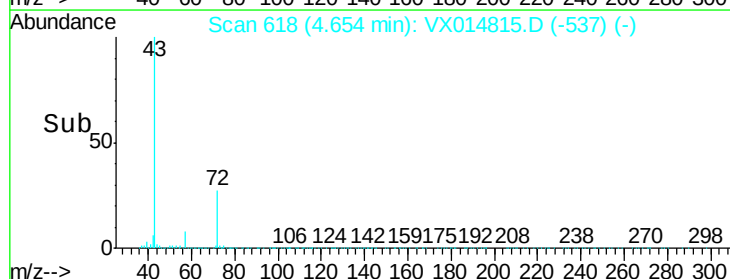
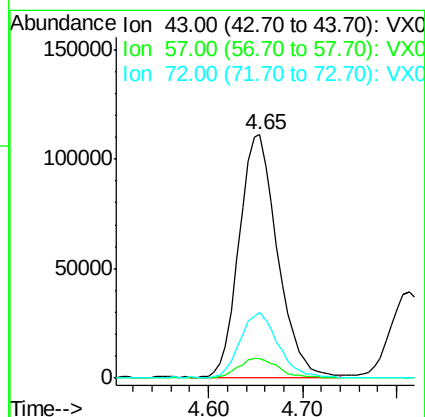
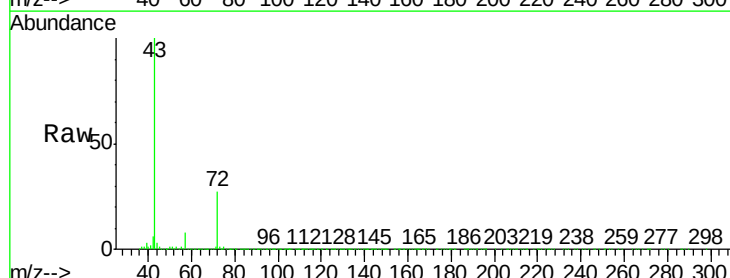
RT: 4.65 min Scan# 618

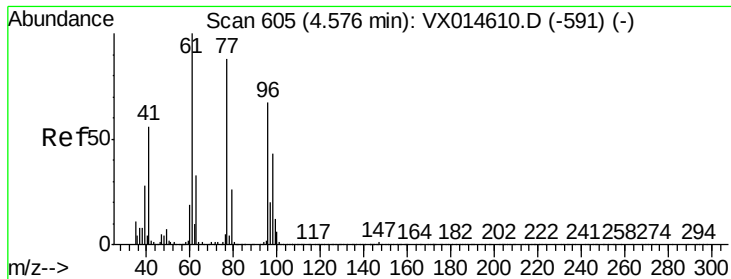
Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	43	Resp:	314745
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.2	9.2
72	26.0	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.704 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 77 Resp: 106415

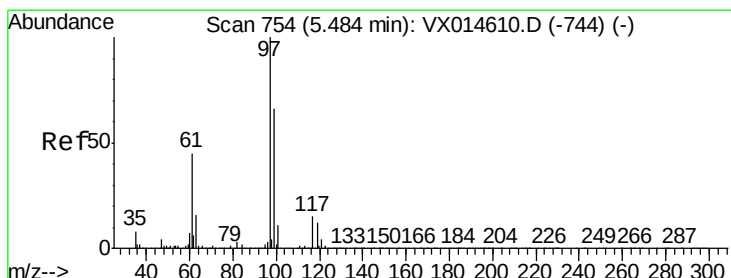
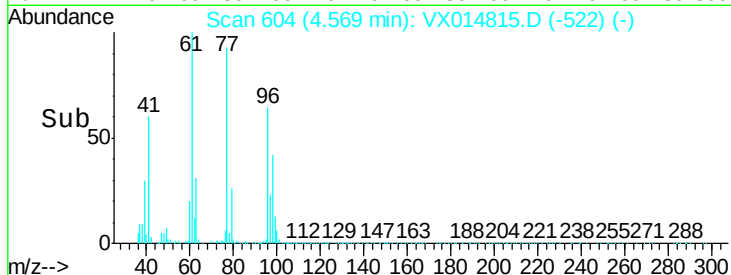
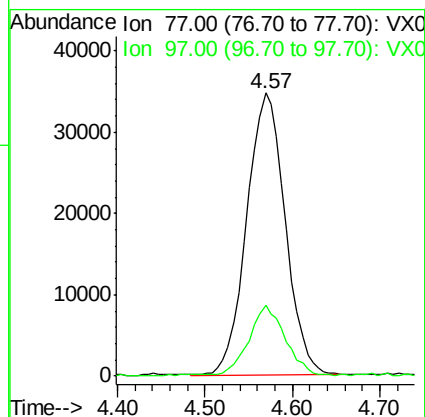
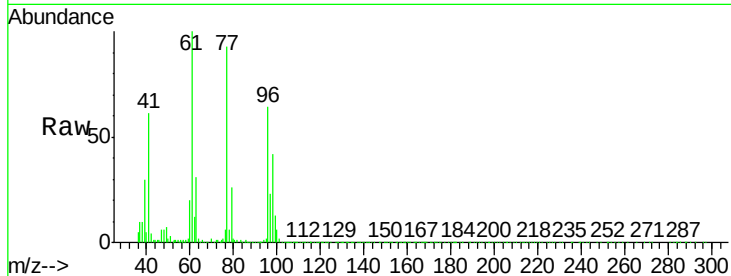
Ion Ratio Lower Upper

77 100

97 23.3 19.7 29.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.707 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

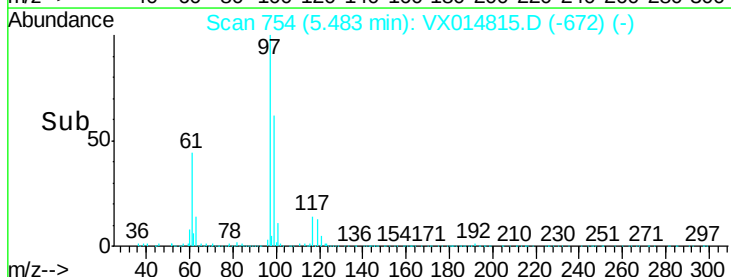
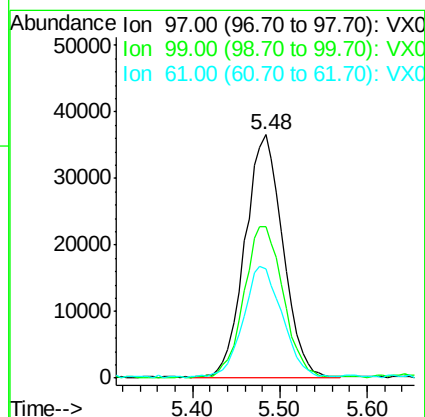
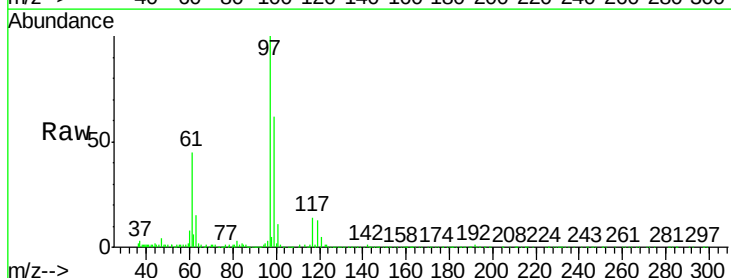
Tgt Ion: 97 Resp: 110047

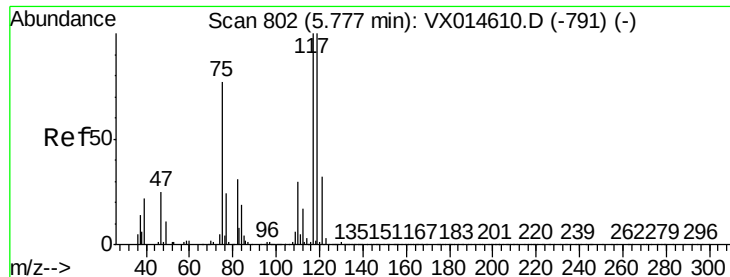
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 46.4 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.619 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

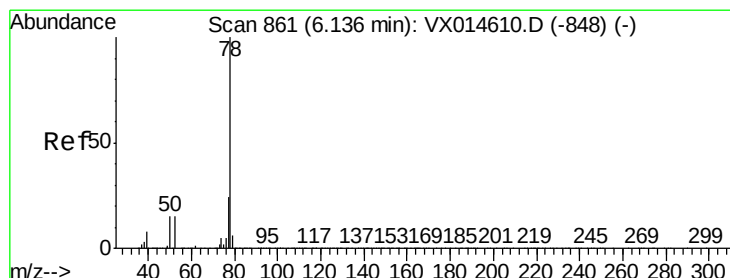
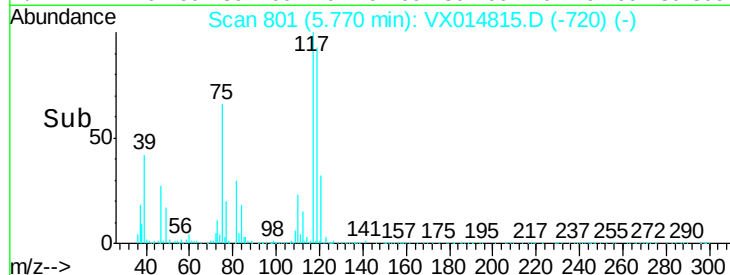
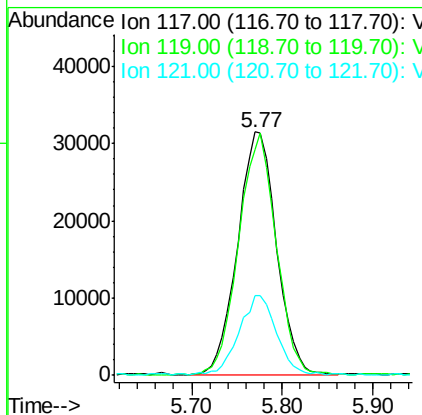
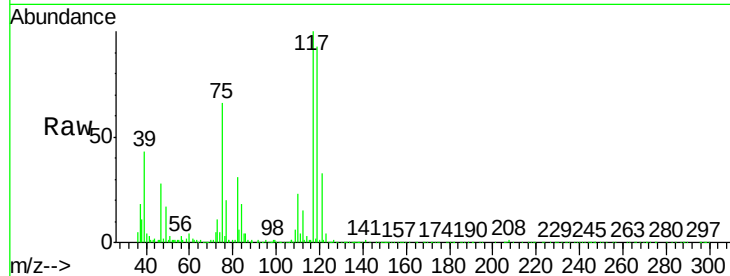
ClientSampleId :

VX0205WBS01

Tot Ion:	117	Resp:	94053
Ion Ratio	Lower	Upper	
117	100		
119	92.2	77.2	115.8
121	32.5	24.8	37.2

Manual Integrations
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#34

Benzene

Concen: 19.989 ug/l

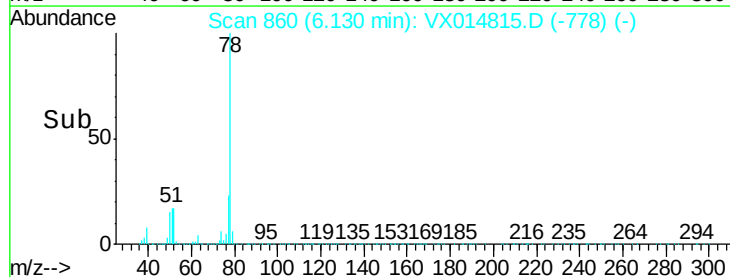
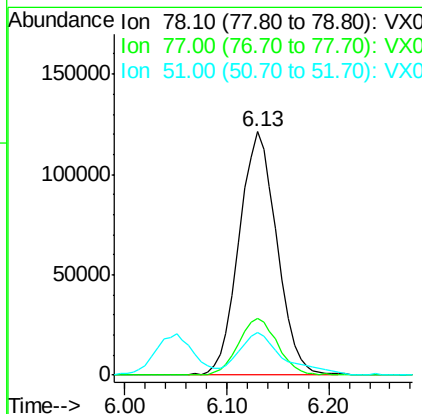
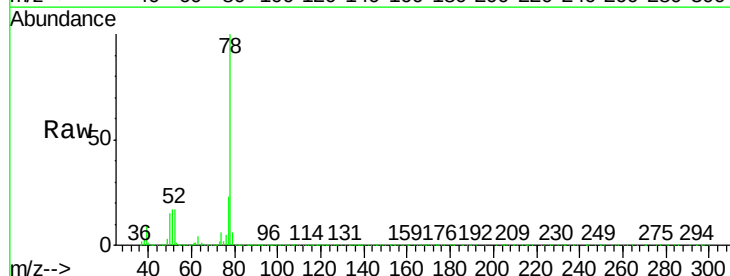
RT: 6.13 min Scan# 860

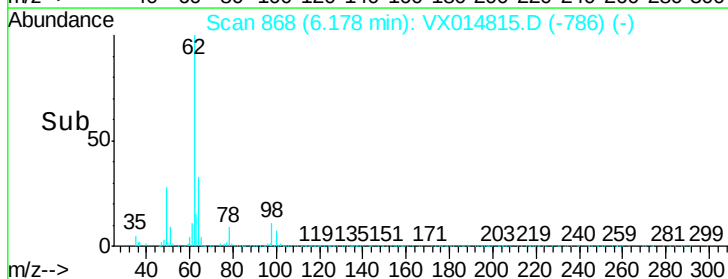
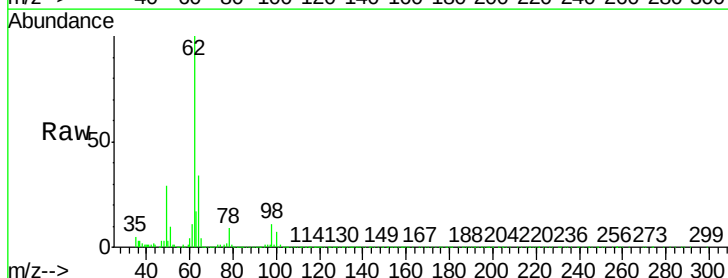
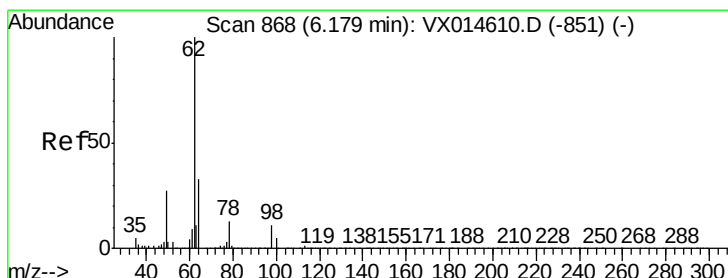
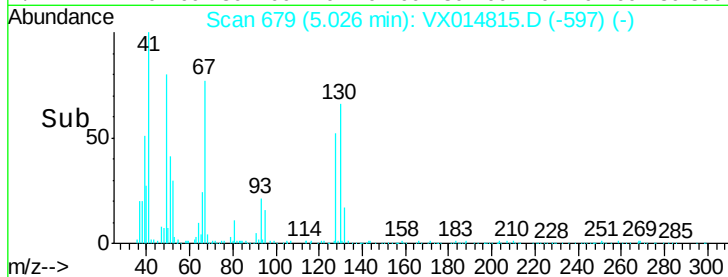
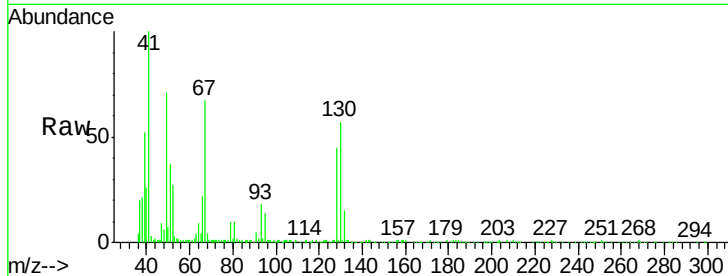
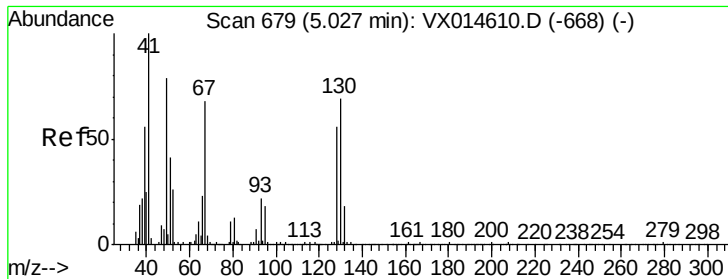
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

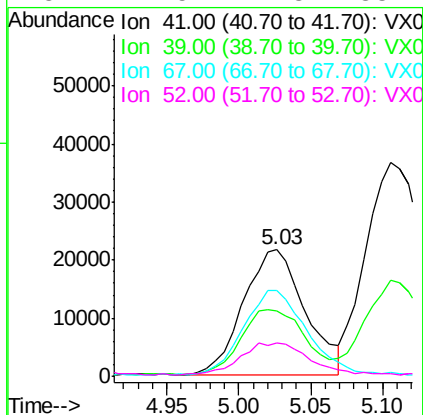
Tgt Ion:	78	Resp:	311769
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.2	27.2
51	16.4	12.4	18.6





#35
Methacrylonitrile
Concen: 20.085 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		64137		
39	50.9	26.7	80.1		
67	67.0	31.5	94.5		
52	24.5	12.8	38.4		



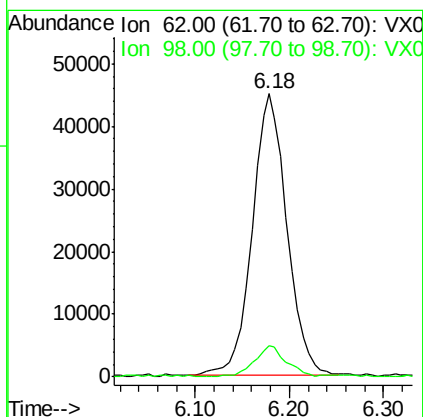
Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

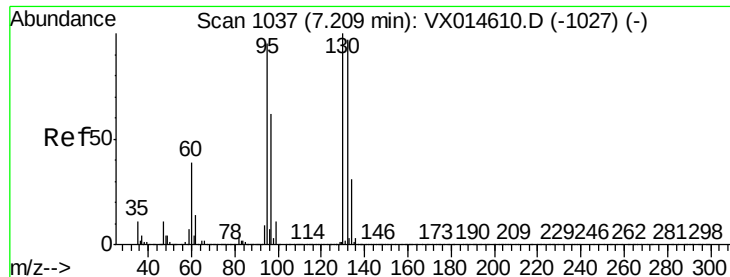
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 21.405 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		116179		
98	9.7	8.4	12.6		





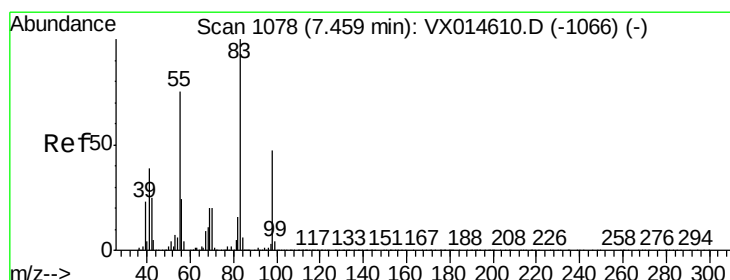
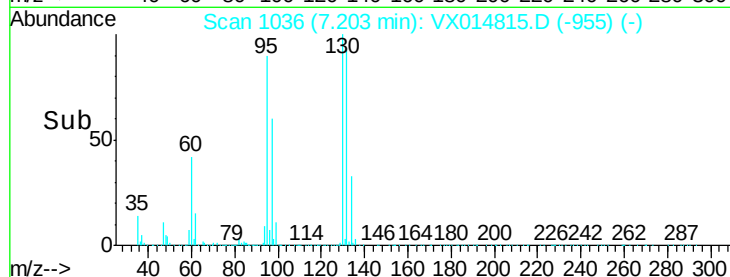
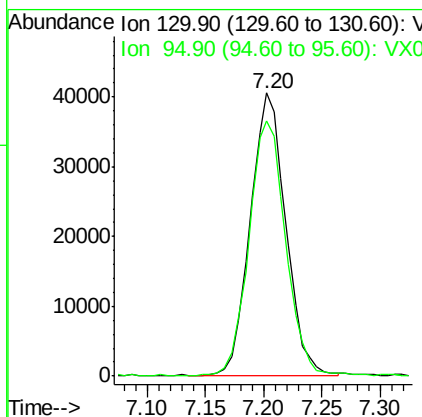
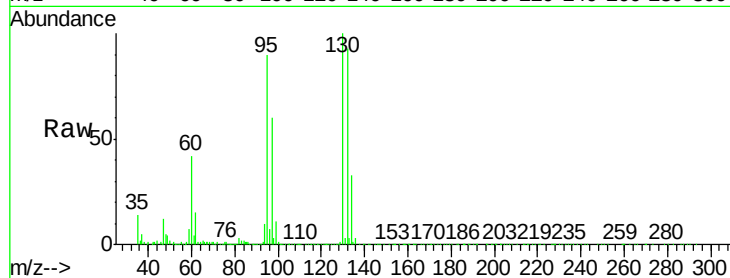
#37
 Trichloroethene
 Concen: 20.056 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion	Ratio	Lower	Upper
130	100		
95	90.1	71.7	107.5

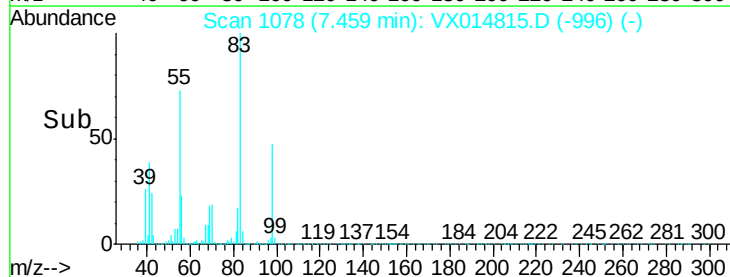
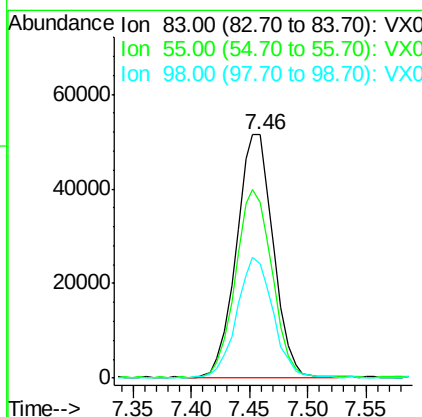
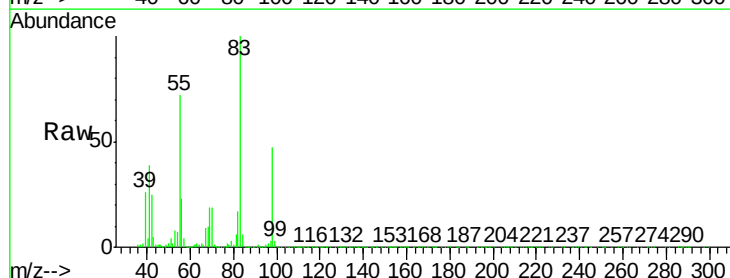
Manual Integrations
 APPROVED

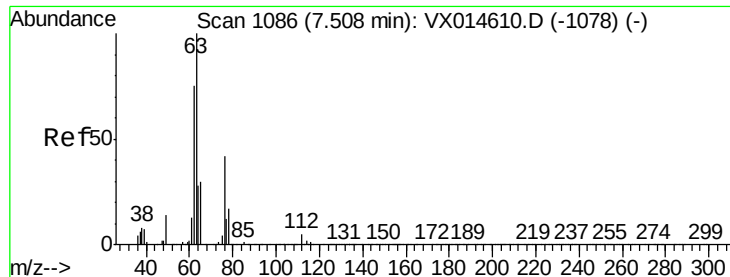
MMDadoda
 2/6/2020 1:32:30 PM



#38
 Methylcyclohexane
 Concen: 18.142 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	39.4	118.1
98	48.5	25.1	75.3





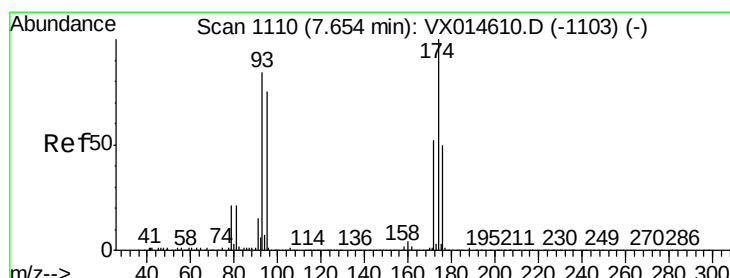
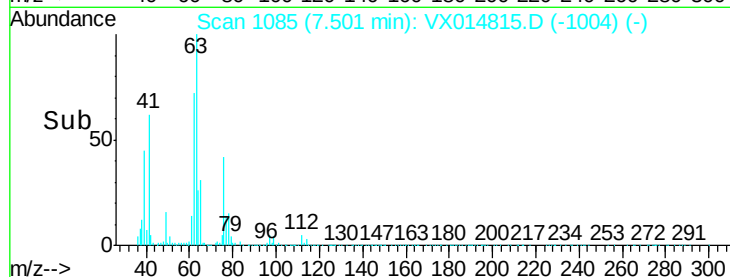
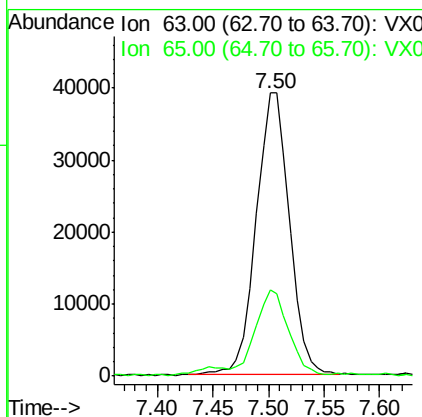
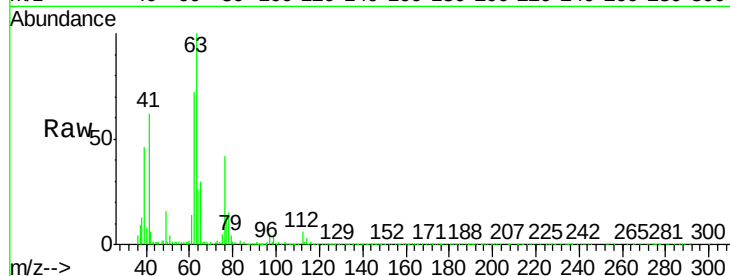
#39
 1,2-Dichloropropane
 Concen: 20.030 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	22.1	33.1

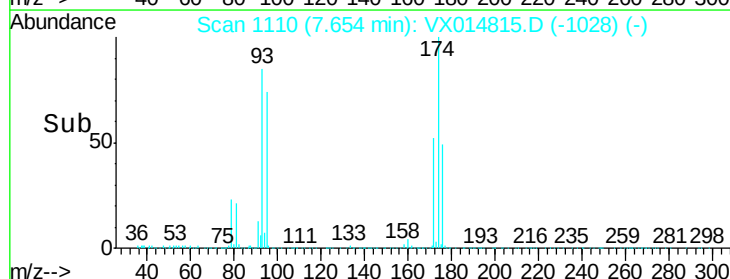
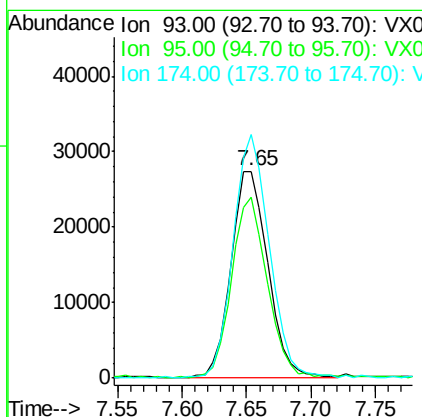
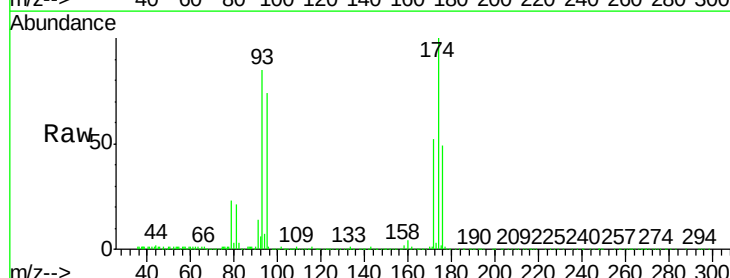
Manual Integrations
 APPROVED

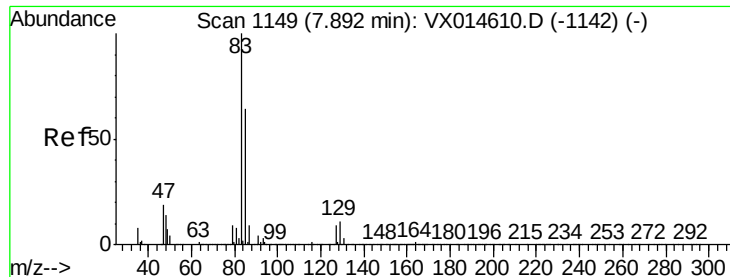
MMDadoda
 2/6/2020 1:32:30 PM



#40
 Dibromomethane
 Concen: 20.921 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	0.0	164.4
174	115.0	0.0	228.8





#41

Bromodichloromethane

Concen: 21.153 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

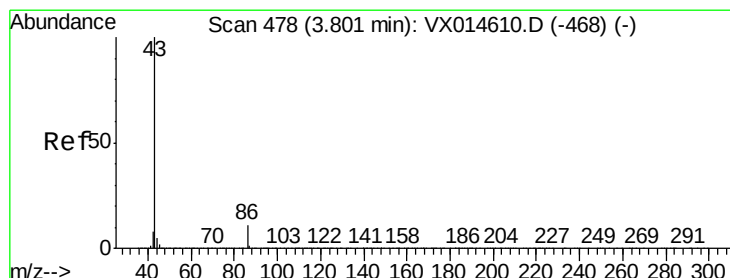
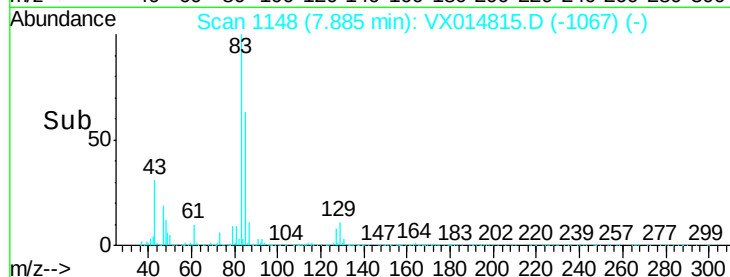
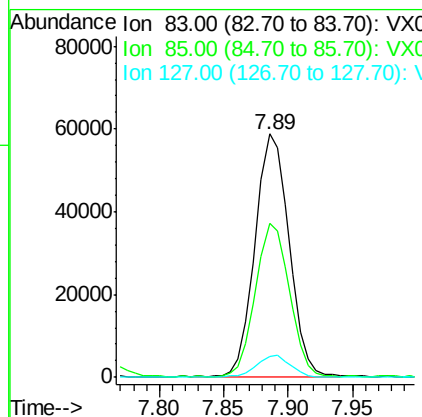
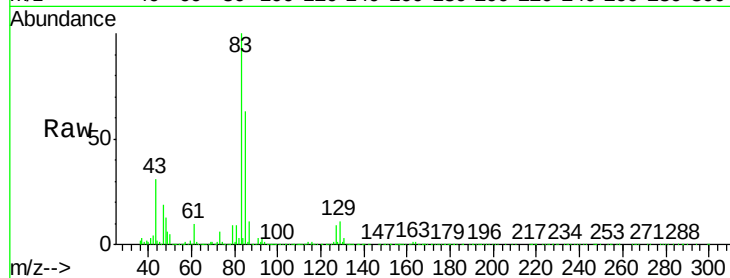
ClientSampleId :

VX0205WBS01

Tot Ion:	83	Resp:	107969
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.6	77.4
127	8.4	6.0	9.0

Manual Integrations
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2/6/2020 1:32:30 PM



#42

Vinyl Acetate

Concen: 100.396 ug/l

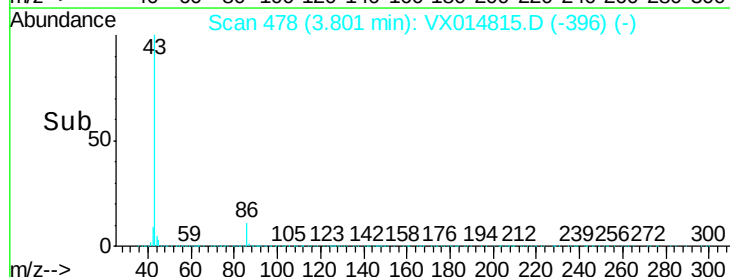
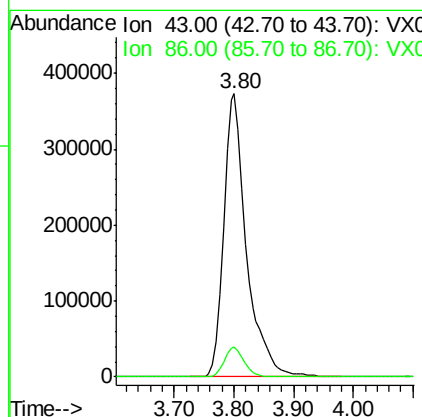
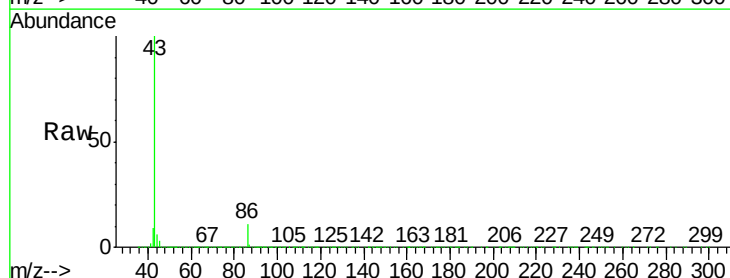
RT: 3.80 min Scan# 478

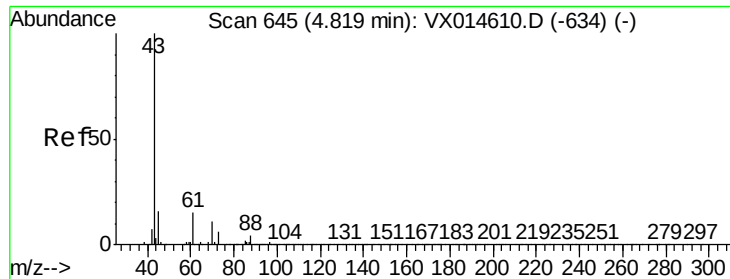
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	43	Resp:	989385
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.7	11.5





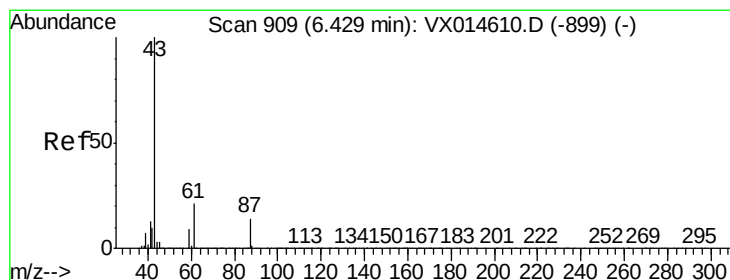
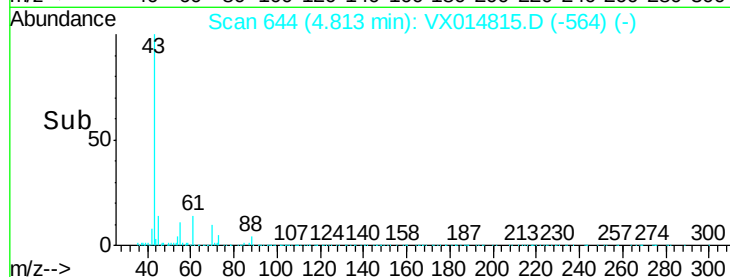
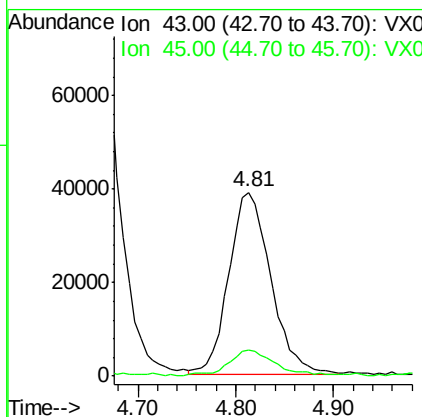
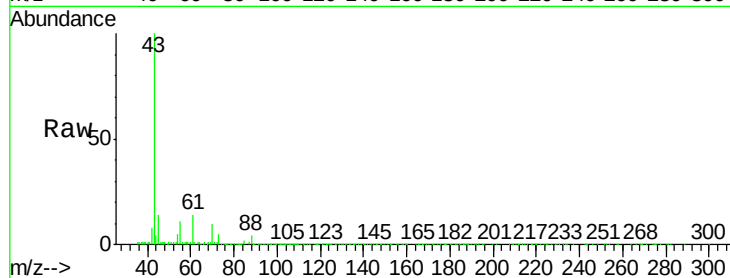
#43
Ethyl Acetate
Concen: 20.240 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	43	Ratio	Lower	Upper
117150	43	100		
	45	12.9	11.8	17.8

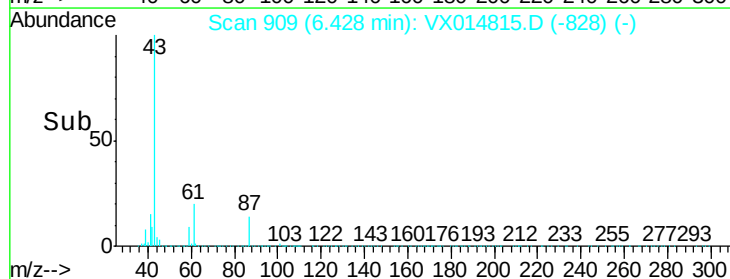
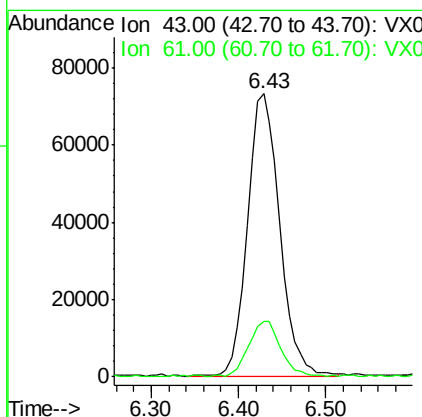
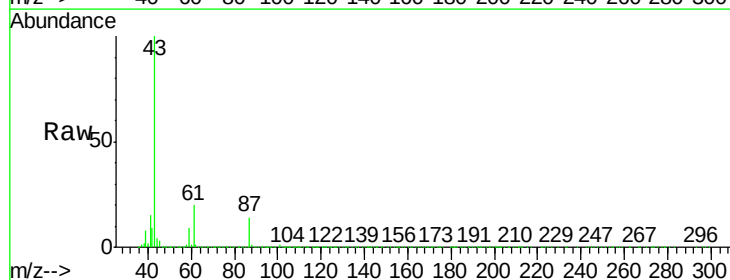
Manual Integrations
APPROVED

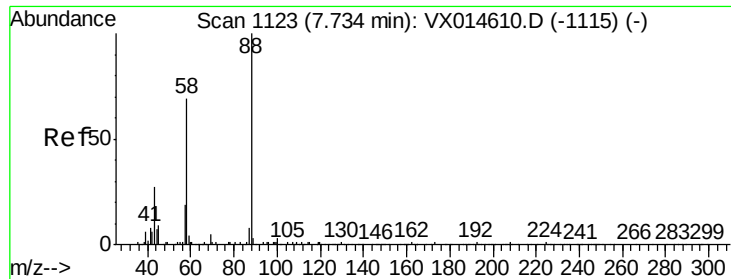
MMDadoda
2/6/2020 1:32:30 PM



#44
Isopropyl Acetate
Concen: 19.903 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	43	Ratio	Lower	Upper
185835	43	100		
	61	19.1	15.9	23.9





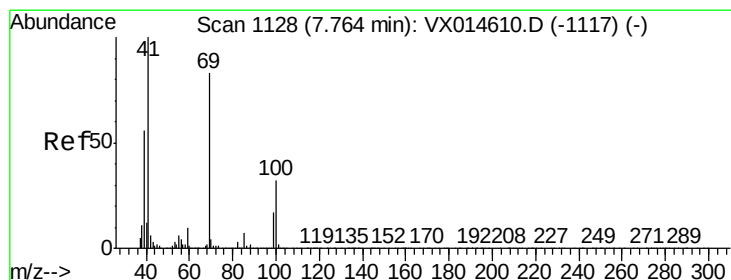
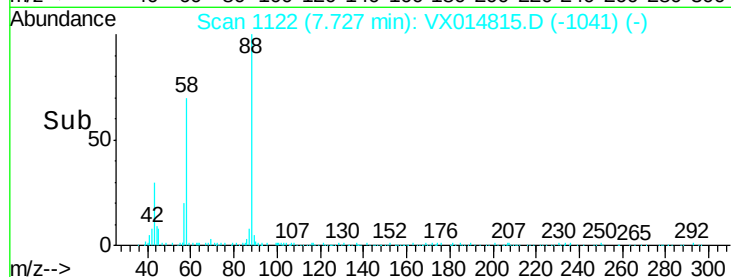
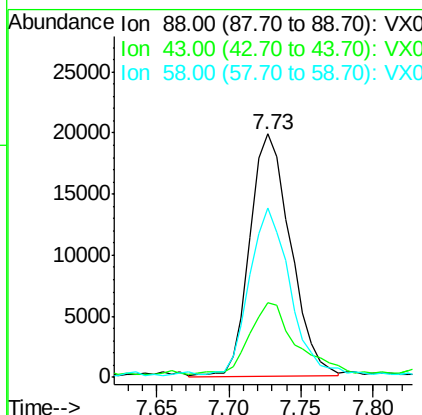
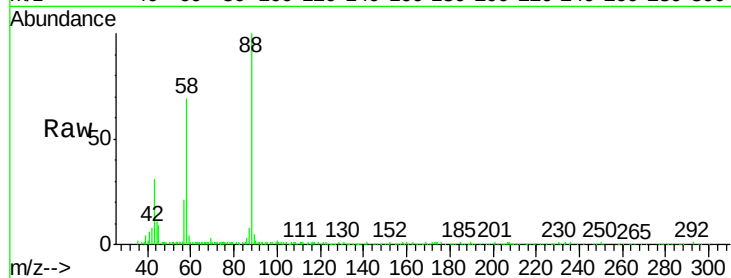
#45
1,4-Dioxane
Concen: 416.383 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	31.2	25.4	38.2	
58	69.5	56.5	84.7	

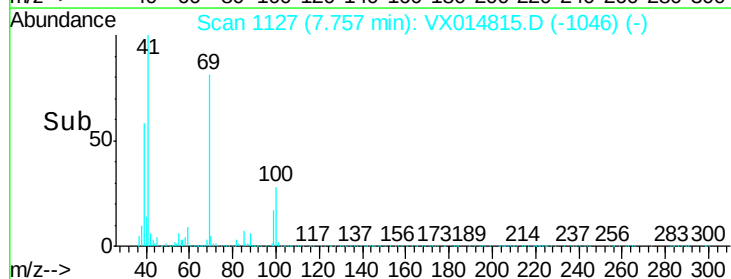
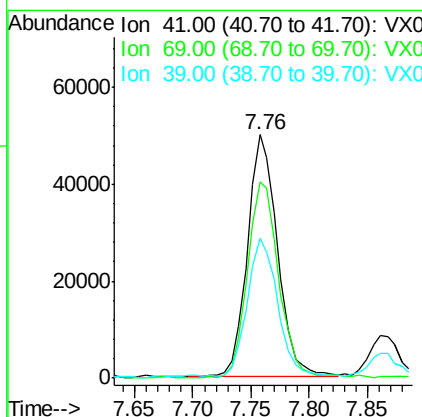
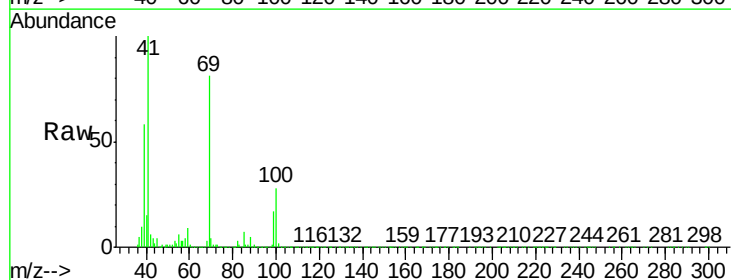
Manual Integrations
APPROVED

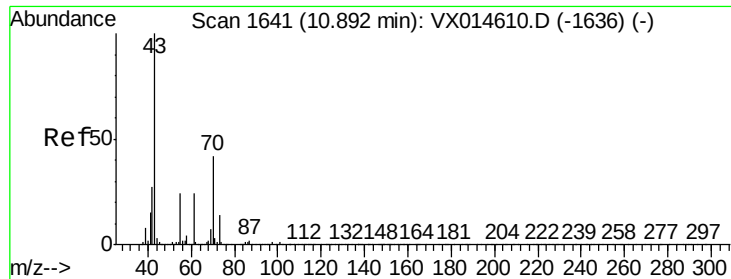
MMDadoda
2/6/2020 1:32:30 PM



#46
Methyl methacrylate
Concen: 19.717 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	80.7	40.6	122.0	
39	56.7	27.8	83.3	





#47

n-amvl Acetate

Concen: 19.479 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 43 Resp: 152392

Ion Ratio Lower Upper

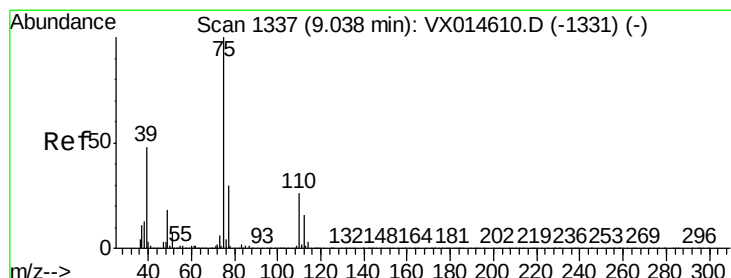
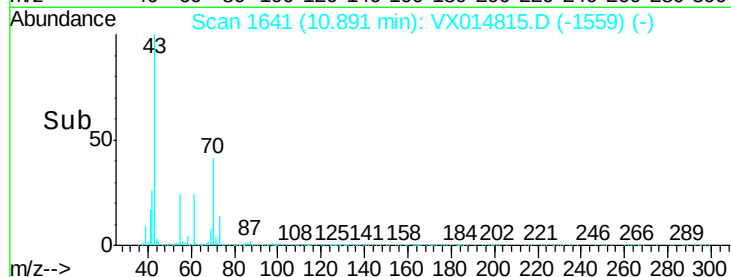
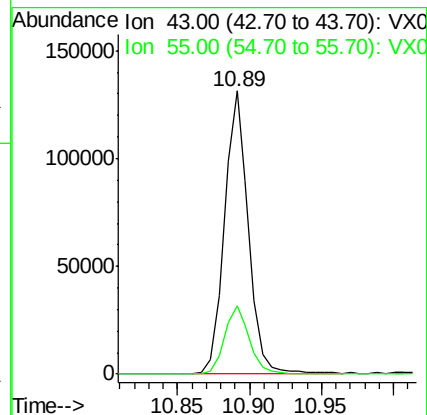
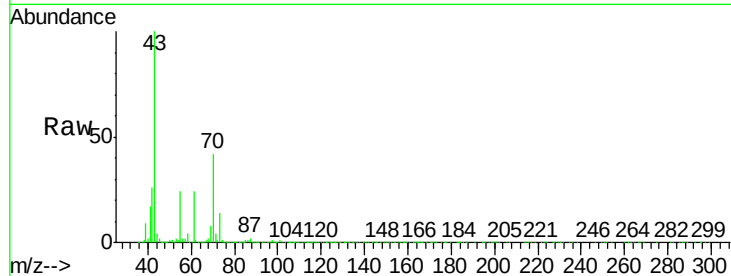
43 100

55 24.8 19.4 29.2

Manual Integrations
APPROVED

MMDadoda

2/6/2020 1:32:30 PM



#48

t-1,3-Dichloropropene

Concen: 20.666 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014815.D

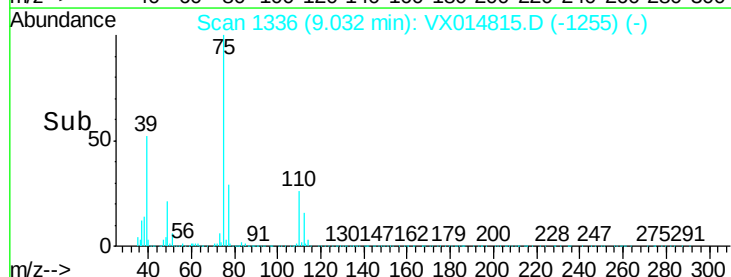
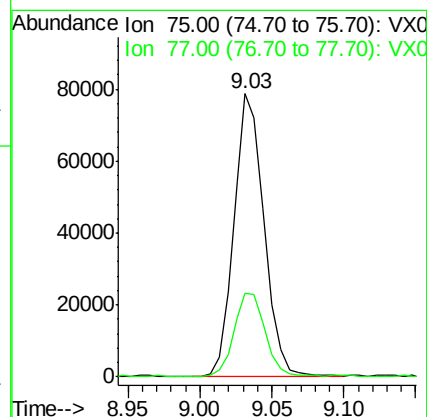
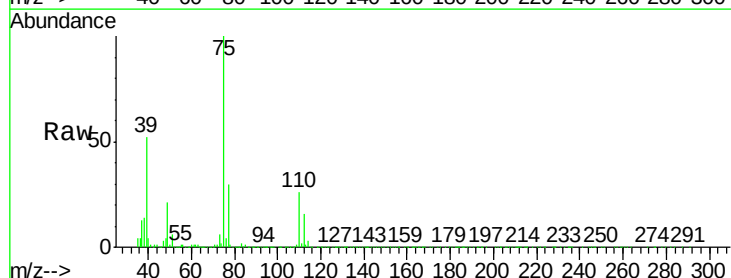
Acq: 05 Feb 2020 12:13

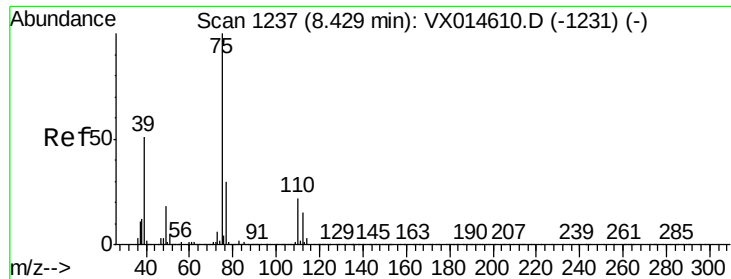
Tgt Ion: 75 Resp: 115167

Ion Ratio Lower Upper

75 100

77 29.5 26.0 39.0





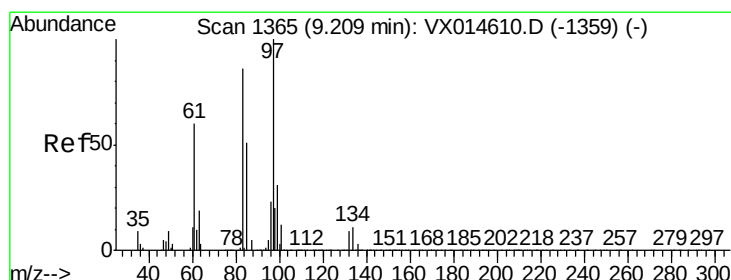
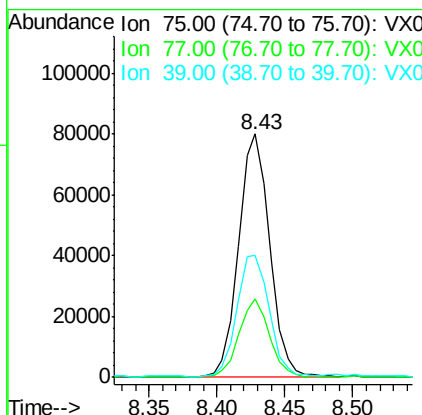
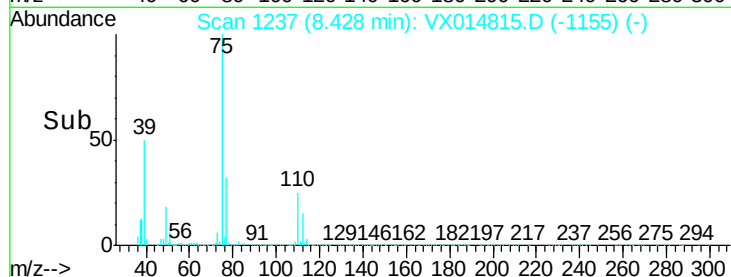
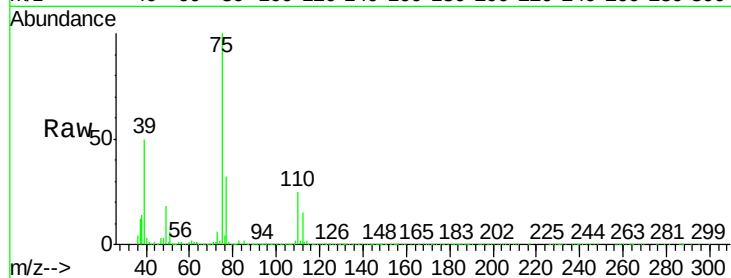
#49
 cis-1,3-Dichloropropene
 Concen: 20.437 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion:	75	Resp:	128327
Ion Ratio	Lower	Upper	
75	100		
77	32.0	24.8	37.2
39	49.9	41.1	61.7

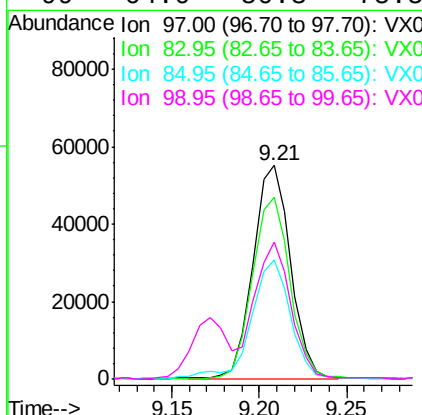
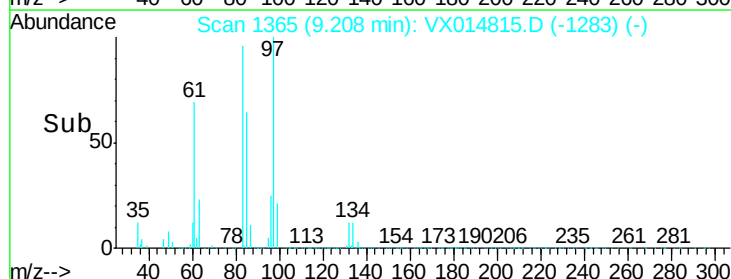
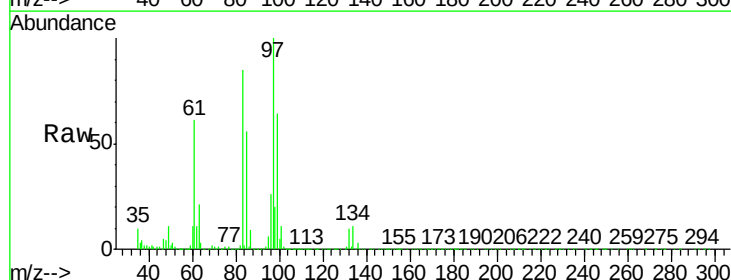
Manual Integrations
 APPROVED

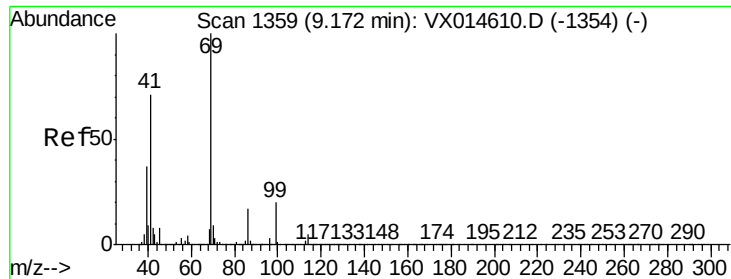
MMDadoda
 2/6/2020 1:32:30 PM



#50
 1,1,2-Trichloroethane
 Concen: 20.825 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion:	97	Resp:	82596
Ion Ratio	Lower	Upper	
97	100		
83	84.9	68.1	102.1
85	55.5	42.7	64.1
99	64.0	50.3	75.5





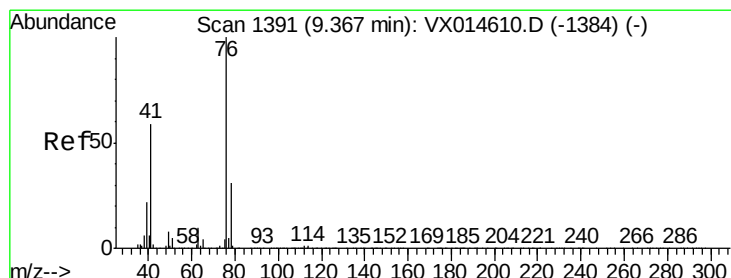
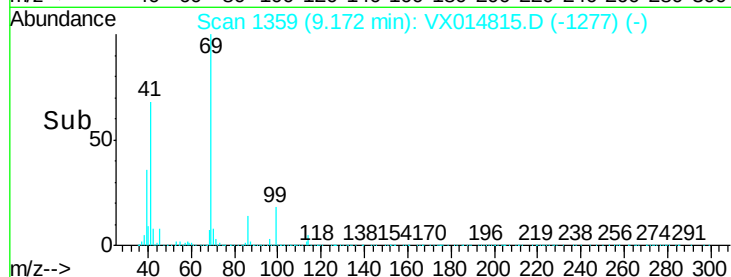
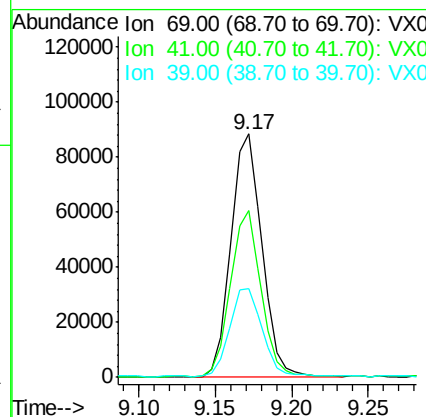
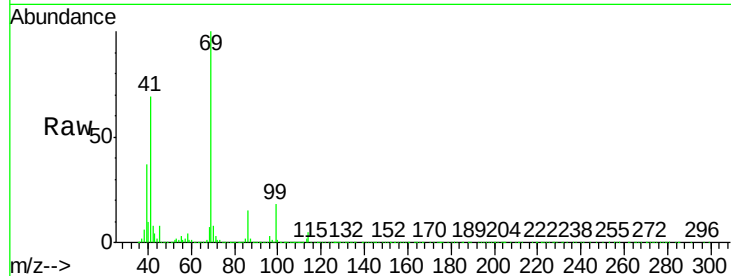
#51
Ethyl methacrylate
Concen: 20.261 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
69	100		
41	68.5	35.4	106.1
39	36.3	17.8	53.3

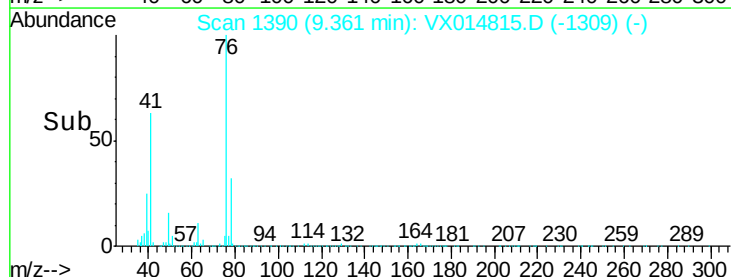
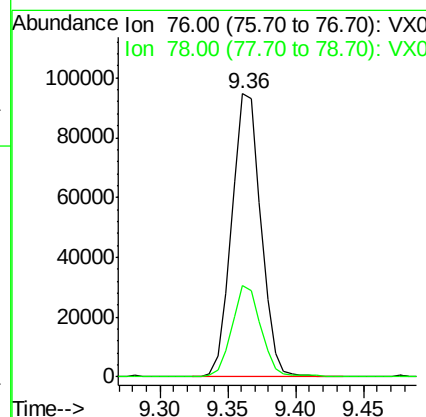
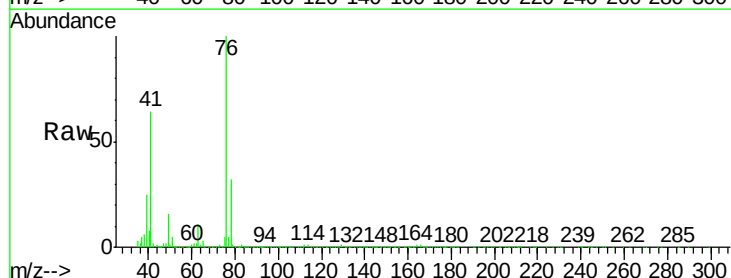
Manual Integrations
APPROVED

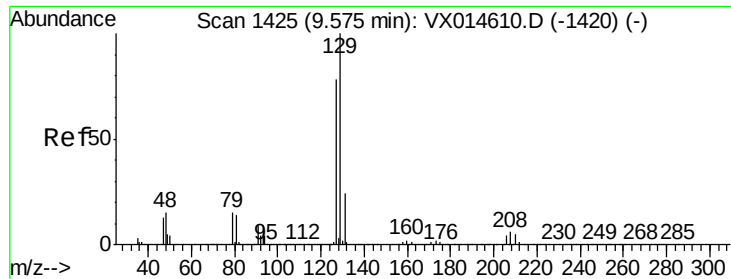
MMDadoda
2/6/2020 1:32:30 PM



#52
1,3-Dichloropropane
Concen: 20.937 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.4





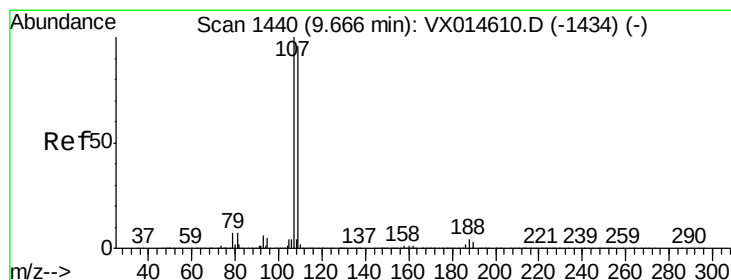
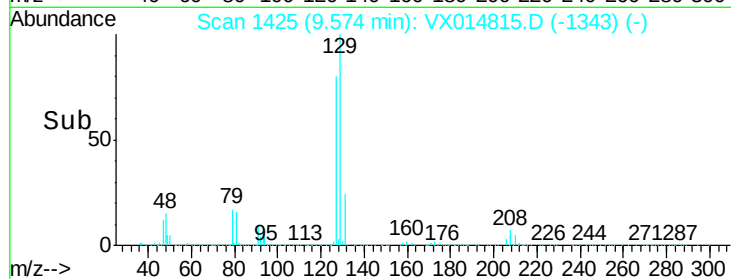
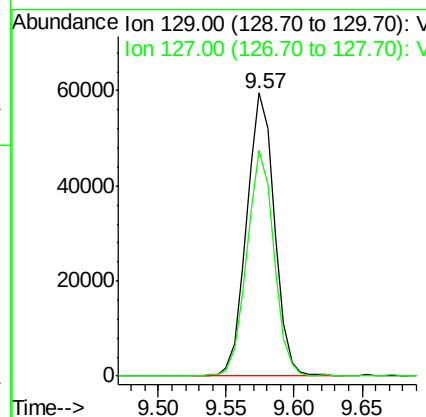
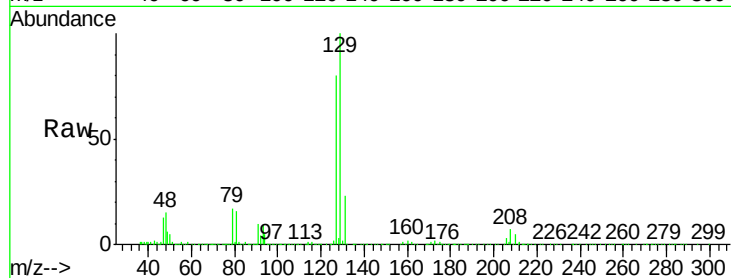
#53
Dibromochloromethane
Concen: 20.976 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.5

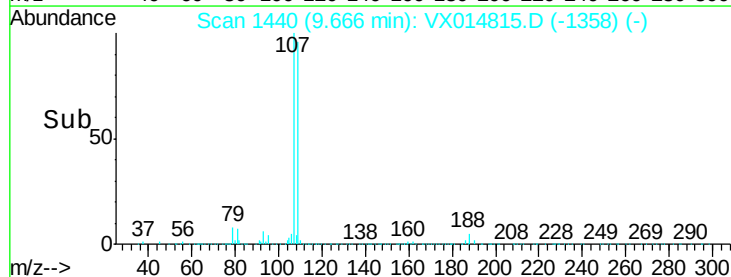
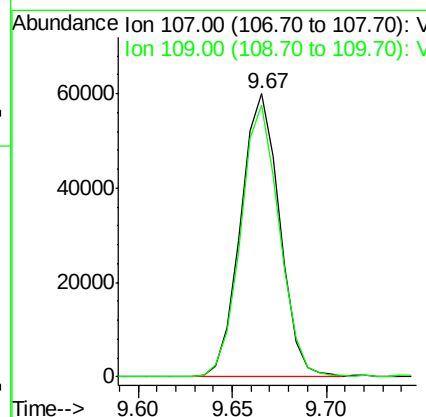
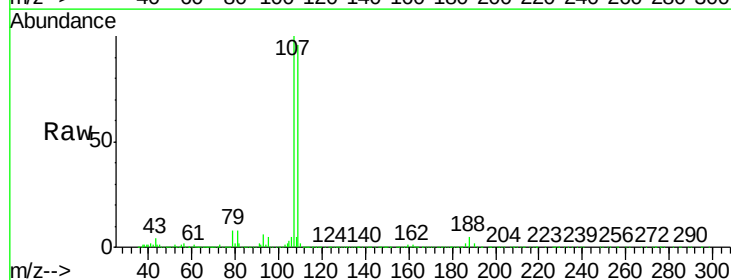
Manual Integrations
APPROVED

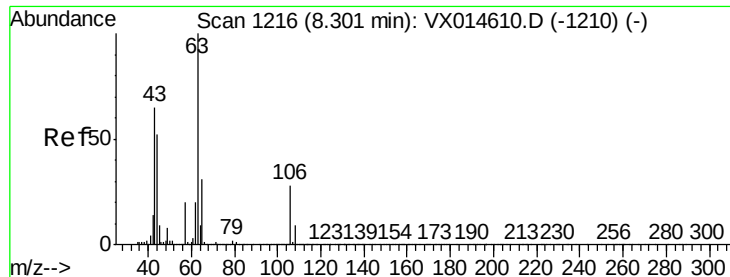
MMDadoda
2/6/2020 1:32:30 PM



#54
1,2-Dibromoethane
Concen: 20.849 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.5	77.2	115.8





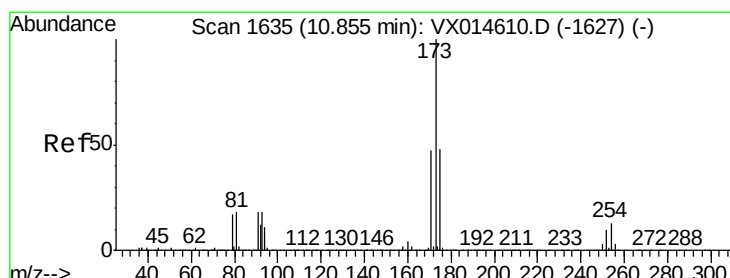
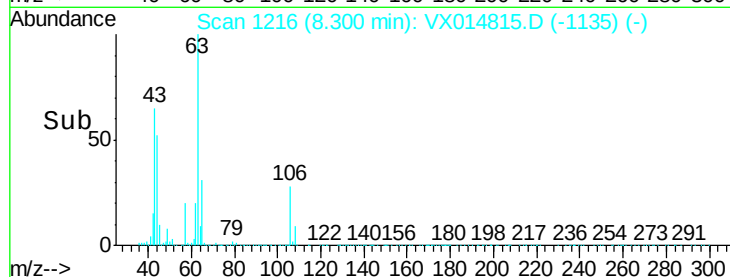
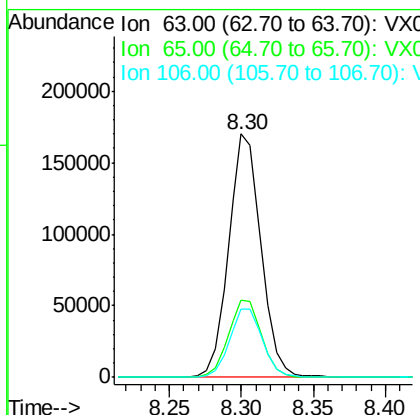
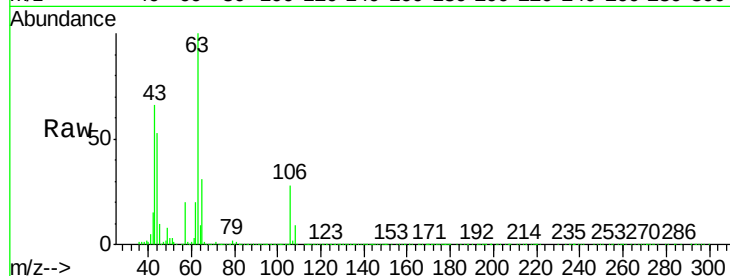
#55
2-Chloroethyl vinyl ether
Concen: 93.713 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6
106	28.8	22.9	34.3

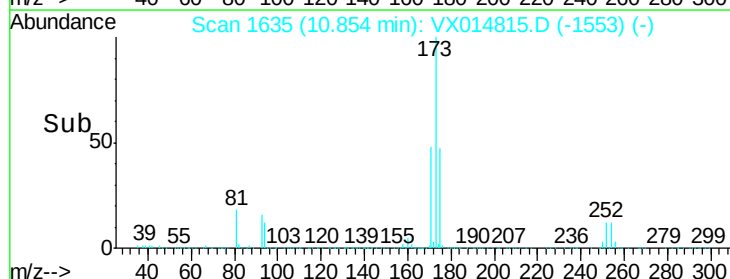
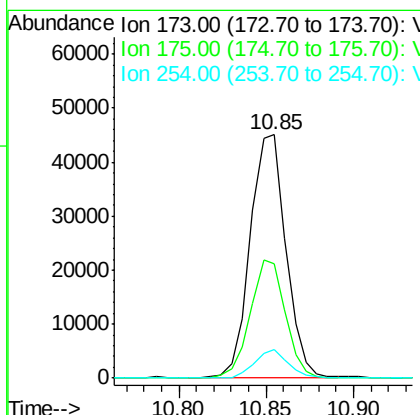
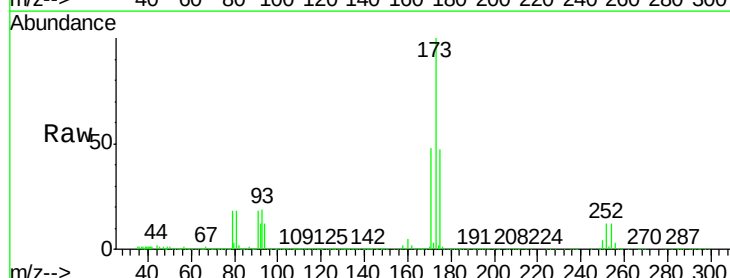
Manual Integrations
APPROVED

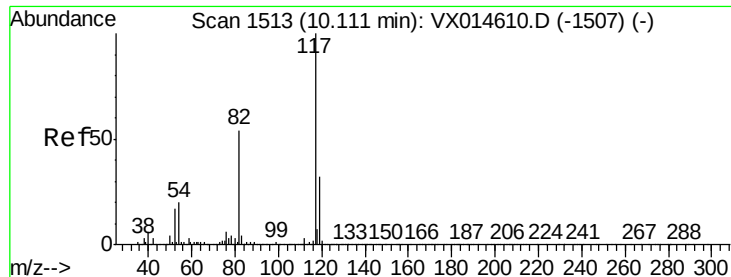
MMDadoda
2/6/2020 1:32:30 PM



#56
Bromoform
Concen: 20.544 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.5	59.3
254	11.1	8.2	12.4





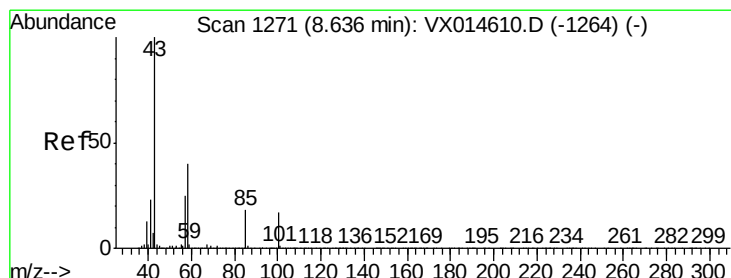
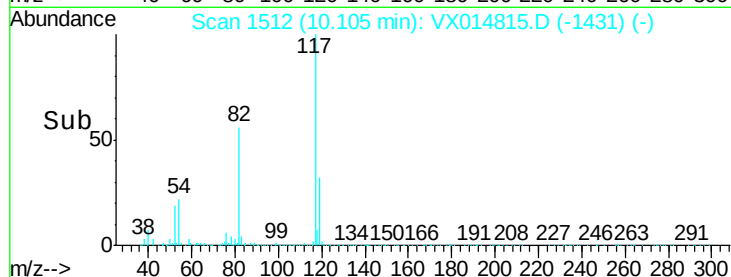
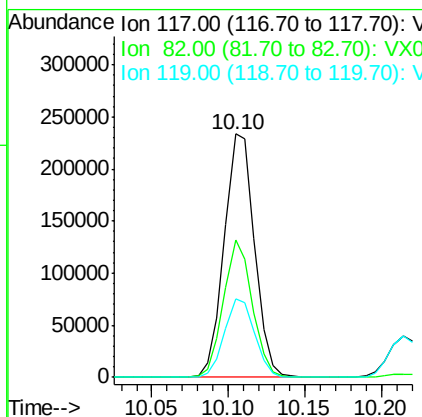
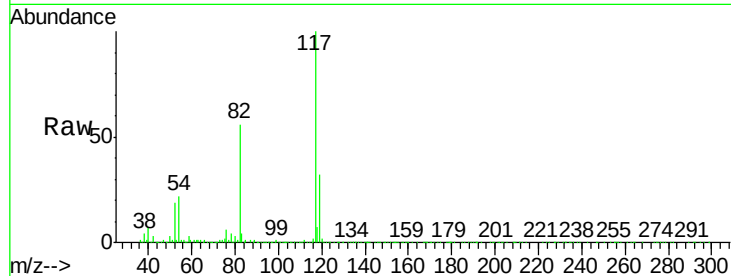
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.4	43.8	65.6
119	32.2	25.8	38.6

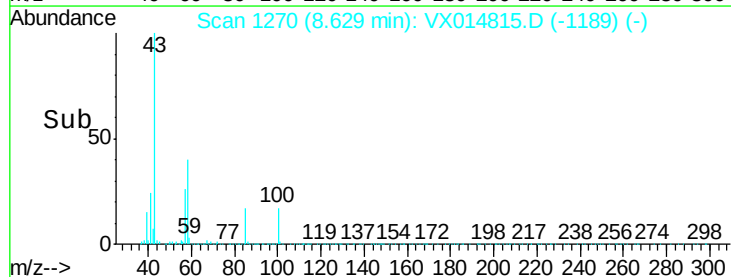
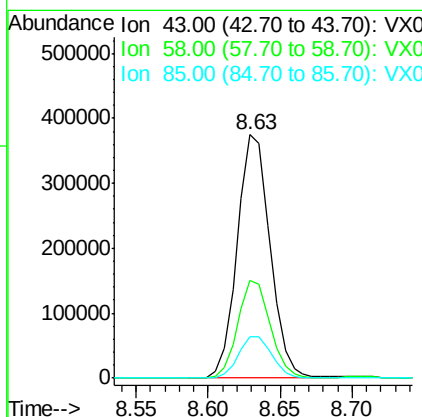
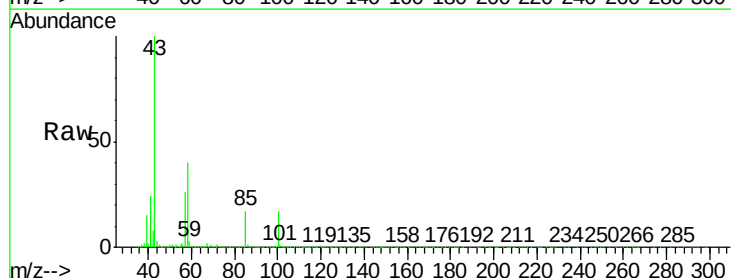
Manual Integrations
APPROVED

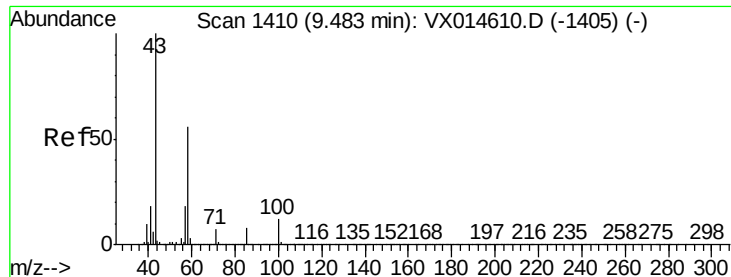
MMDadoda
2/6/2020 1:32:30 PM



#58
4-Methyl-2-Pentanone
Concen: 98.410 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.8	31.2	46.8
85	17.5	14.2	21.2





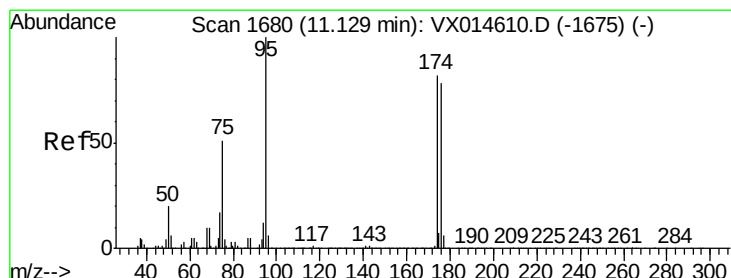
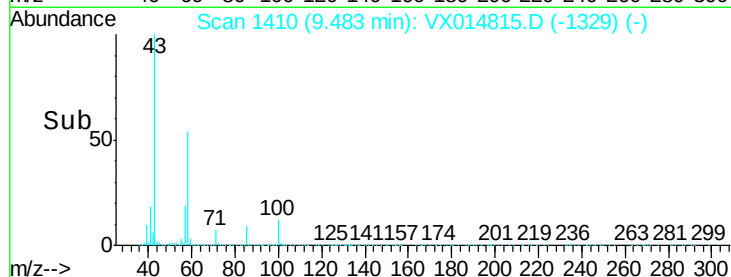
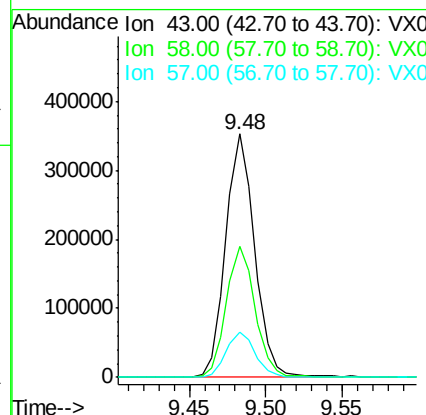
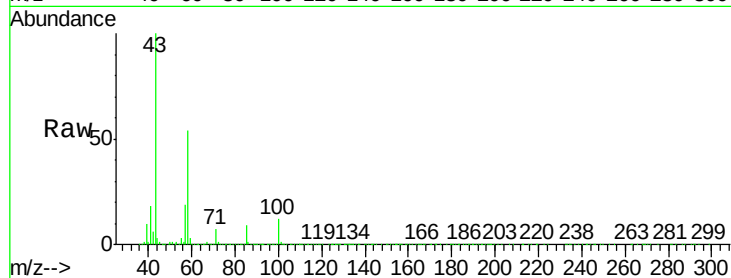
#59
2-Hexanone
Concen: 98.931 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.8	65.6
57	18.8	15.4	23.0

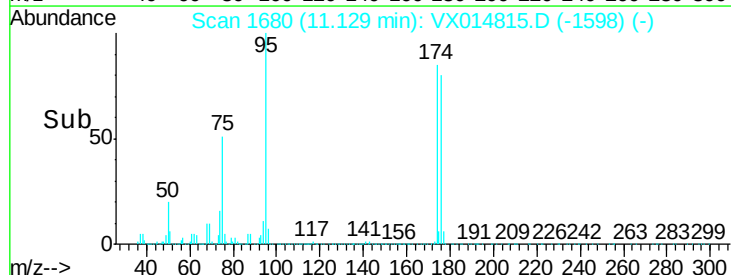
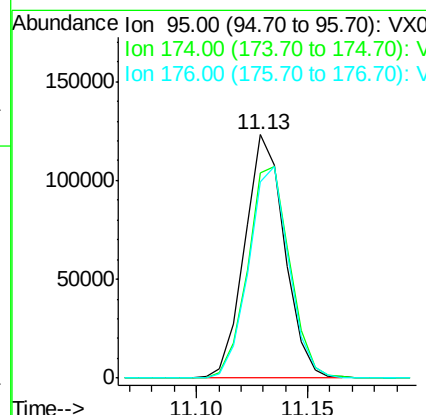
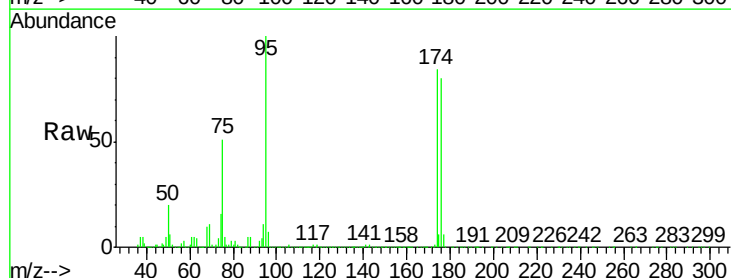
Manual Integrations
APPROVED

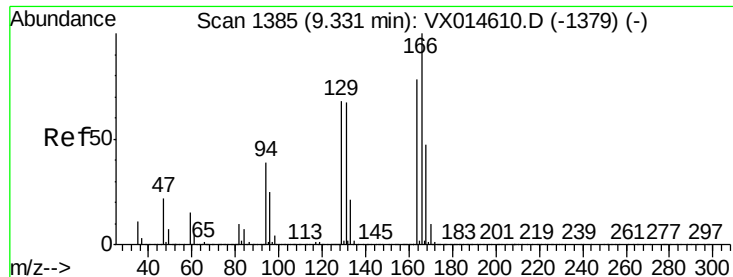
MMDadoda
2/6/2020 1:32:30 PM



#60
4-Bromofluorobenzene
Concen: 29.883 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	70.2	105.2
176	87.7	68.3	102.5





#61

Tetrachloroethene

Concen: 20.175 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

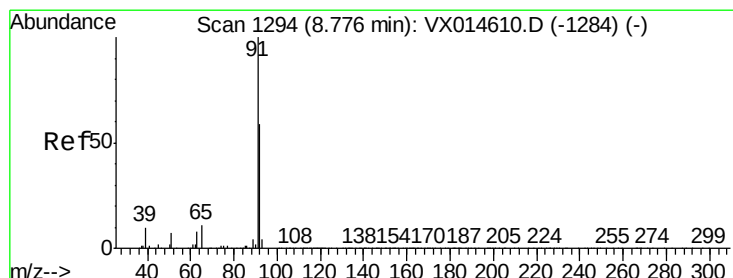
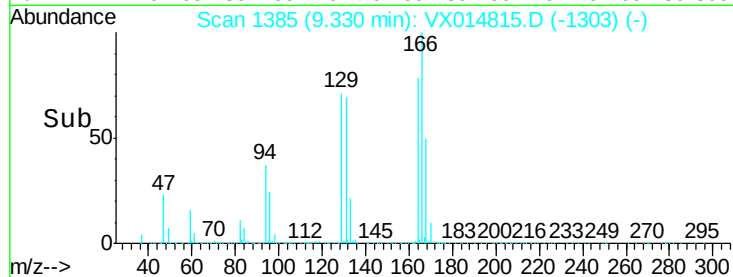
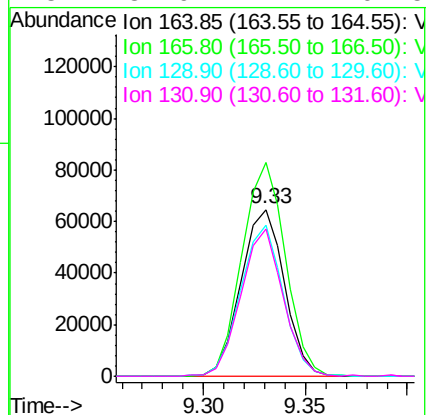
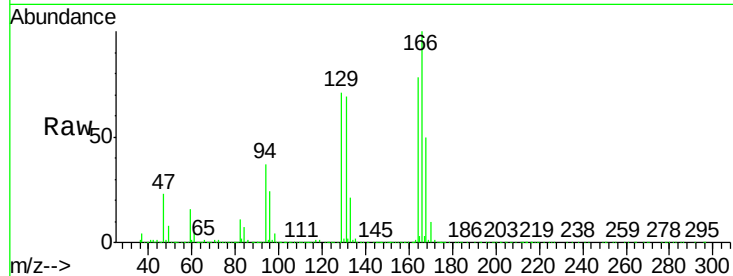
ClientSampleId :

VX0205WBS01

Tot Ion:	164	Resp:	95759
Ion	Ratio	Lower	Upper
164	100		
166	127.9	104.2	156.2
129	90.2	71.6	107.4
131	87.9	71.7	107.5

Manual Integrations
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#62

Toluene

Concen: 19.670 ug/l

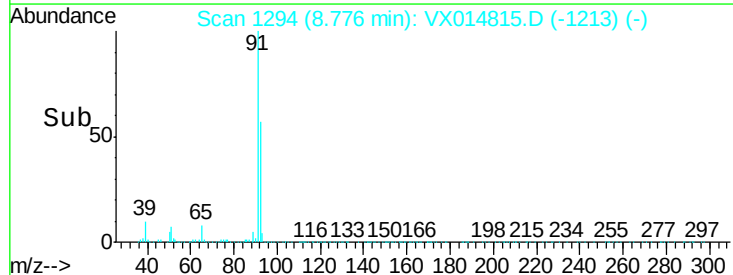
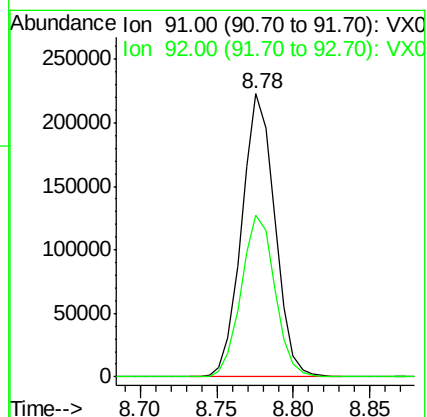
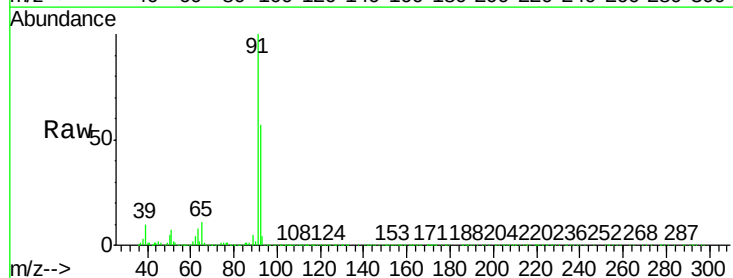
RT: 8.78 min Scan# 1294

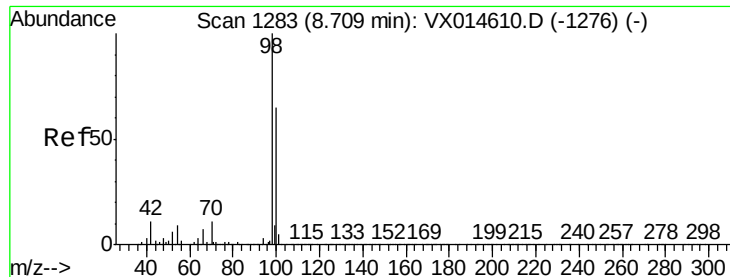
Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	91	Resp:	335119
Ion	Ratio	Lower	Upper
91	100		
92	57.7	46.4	69.6





#63

Toluene-d8

Concen: 29.500 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 98 Resp: 427907

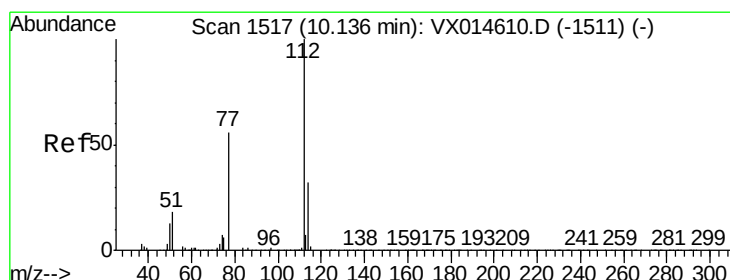
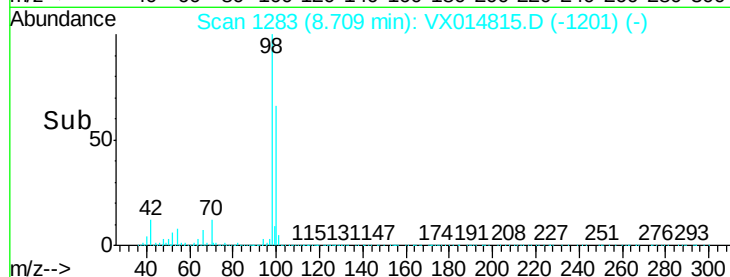
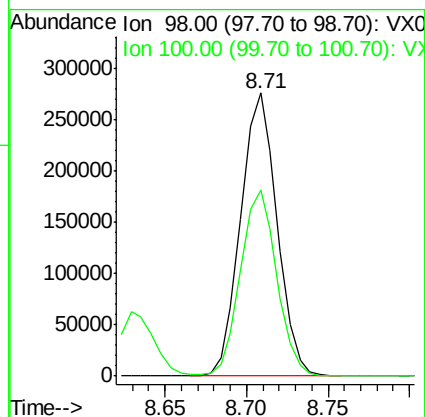
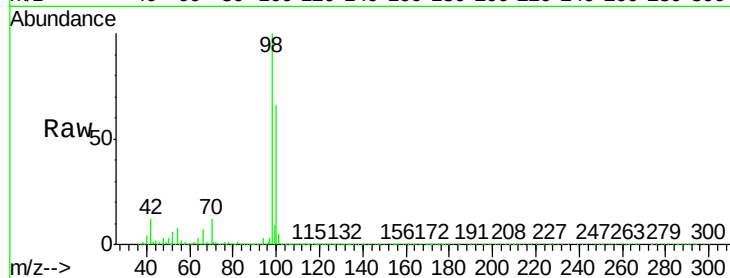
Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

Manual Integrations
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#64

Chlorobenzene

Concen: 20.046 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014815.D

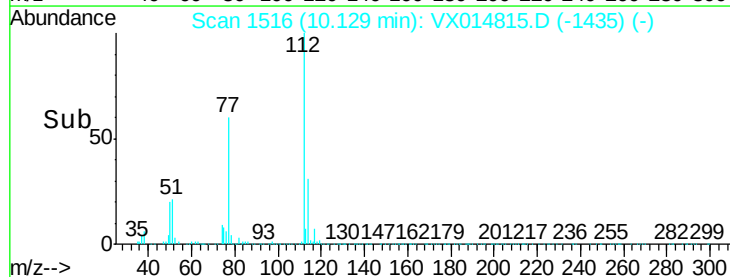
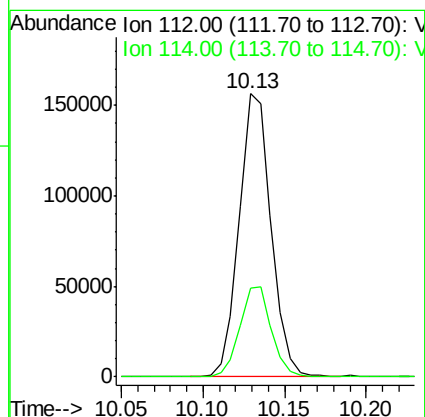
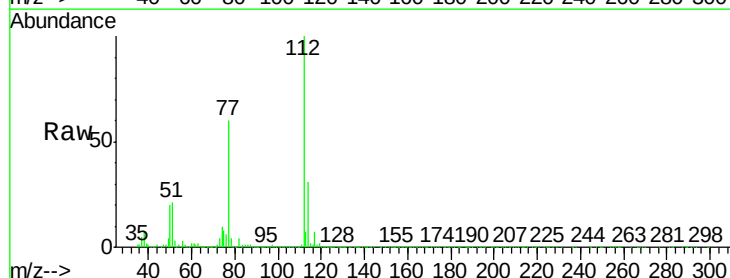
Acq: 05 Feb 2020 12:13

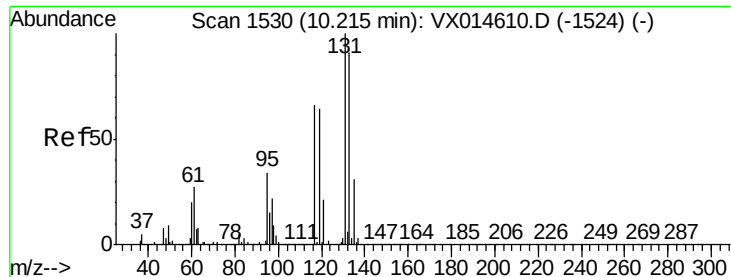
Tgt Ion: 112 Resp: 213206

Ion Ratio Lower Upper

112 100

114 31.4 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.835 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

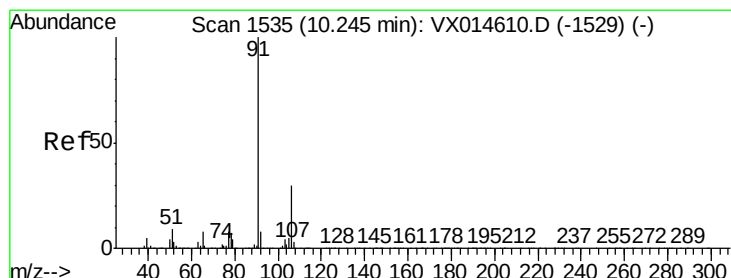
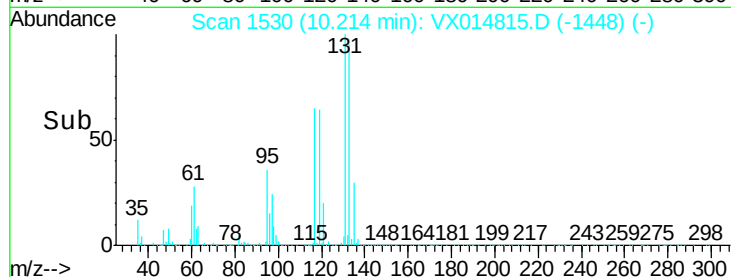
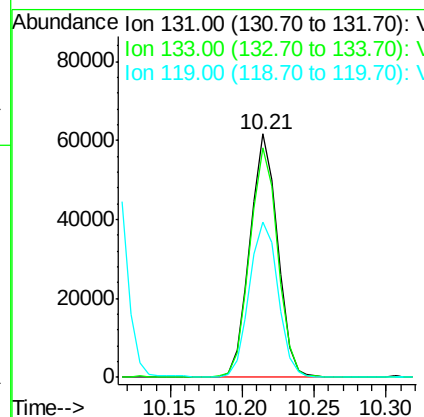
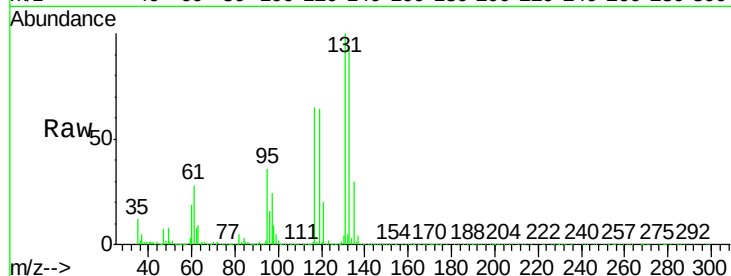
ClientSampleId :

VX0205WBS01

Tot Ion:	131	Resp:	81841
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	189.8
119	65.8	0.0	132.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.022 ug/l

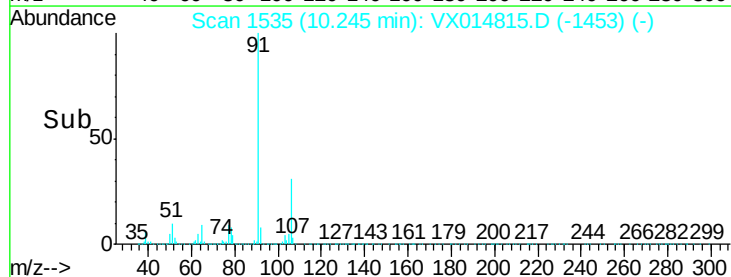
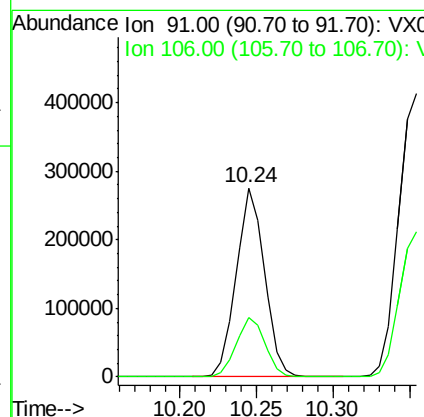
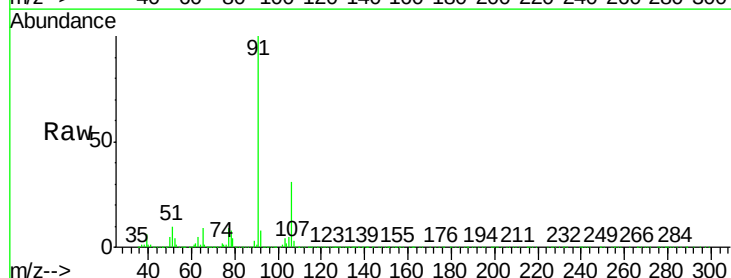
RT: 10.24 min Scan# 1535

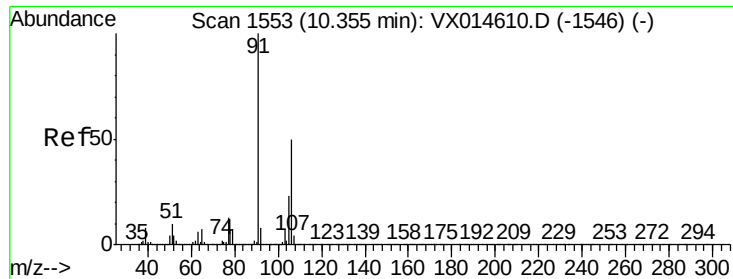
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	91	Resp:	353000
Ion Ratio	Lower	Upper	
91	100		
106	31.3	24.2	36.2





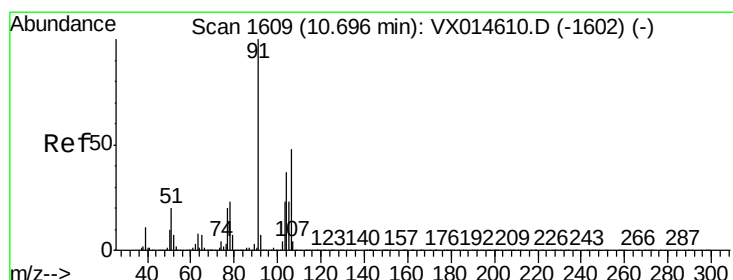
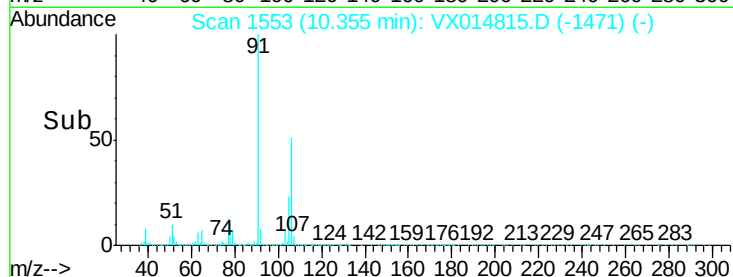
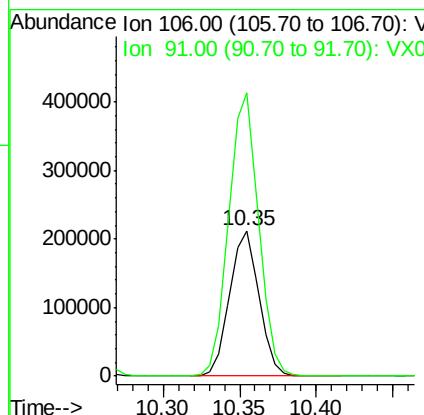
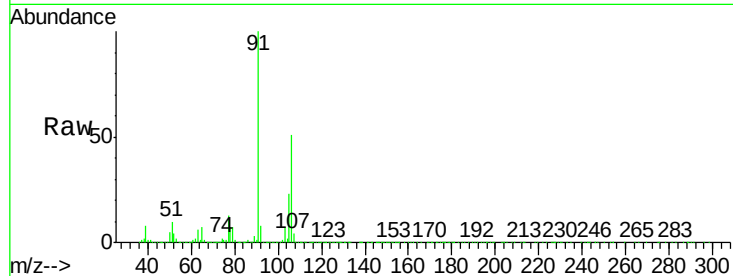
#67
m/p-Xylenes
Concen: 39.697 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.0	159.3	238.9

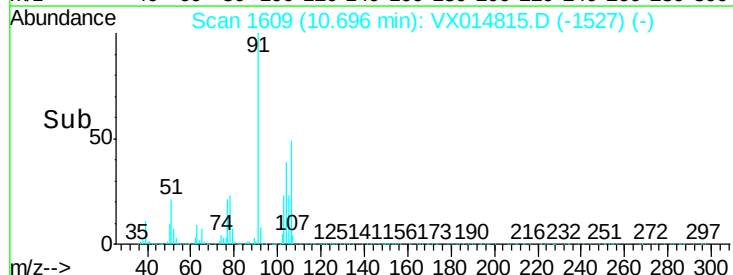
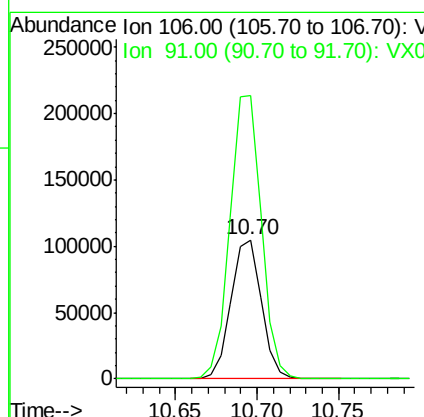
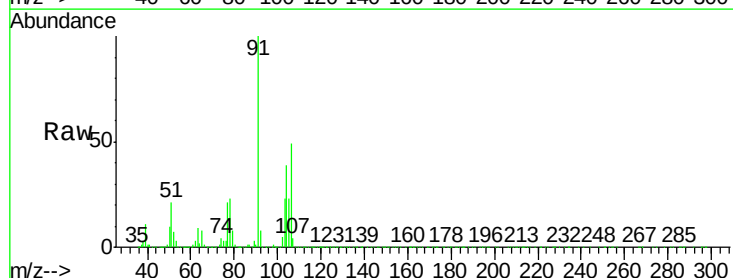
Manual Integrations
APPROVED

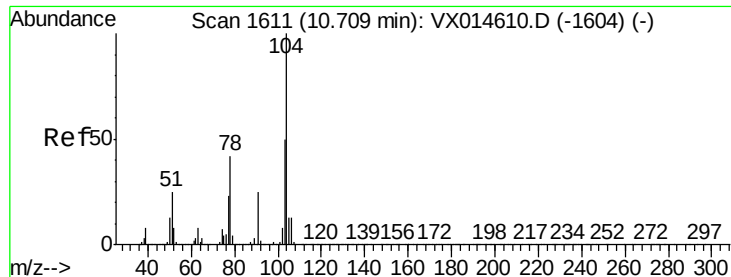
MMDadoda
2/6/2020 1:32:30 PM



#68
o-Xylene
Concen: 19.725 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.5	104.8	314.6





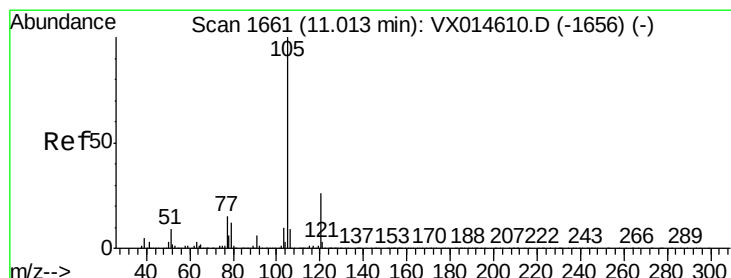
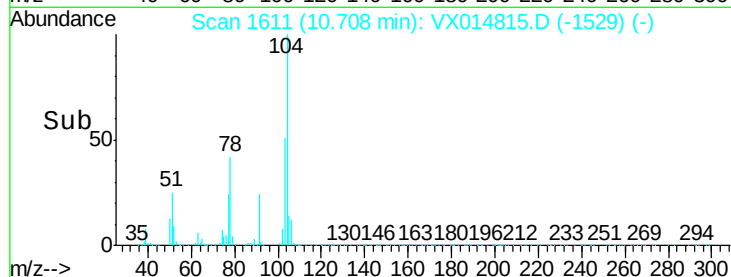
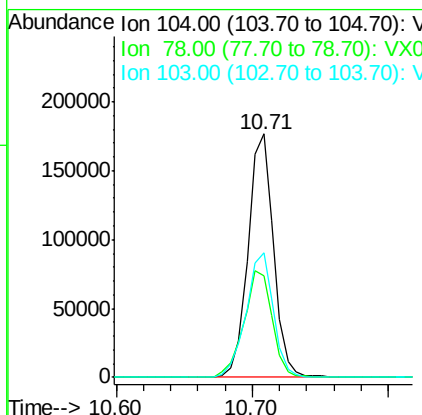
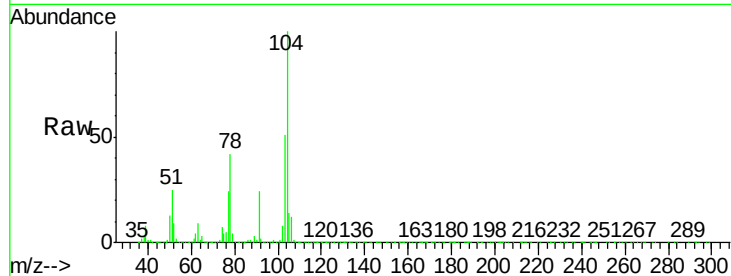
#69
Stvrene
Concen: 19.666 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.9	44.2	66.2

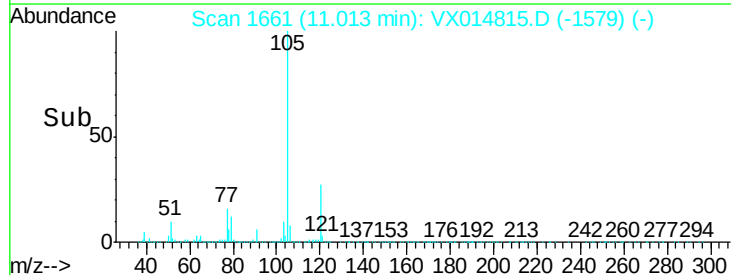
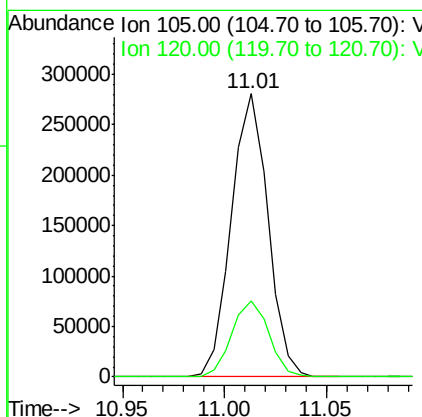
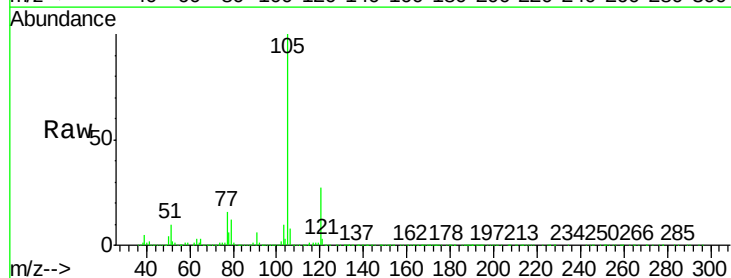
Manual Integrations
APPROVED

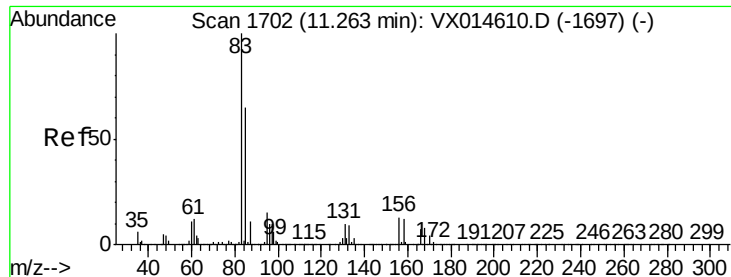
MMDadoda
2/6/2020 1:32:30 PM



#70
Isopropylbenzene
Concen: 19.241 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.624 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

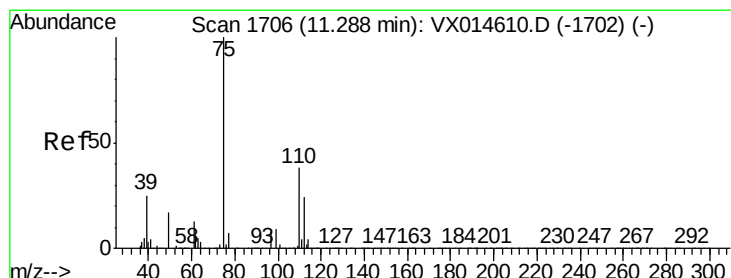
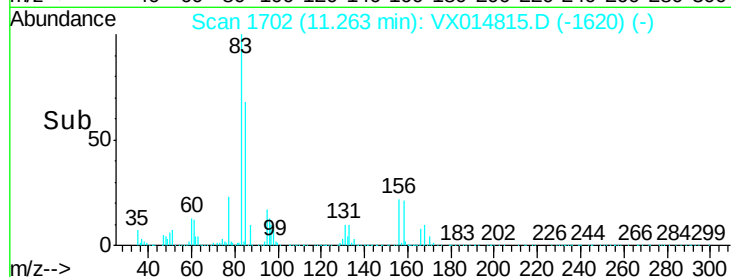
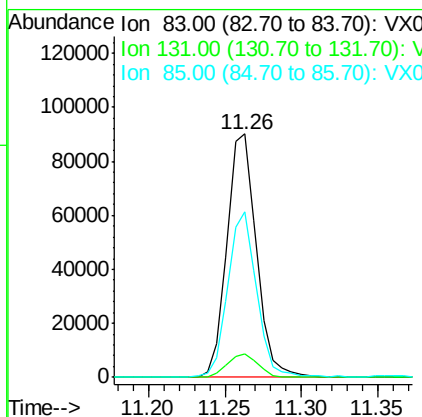
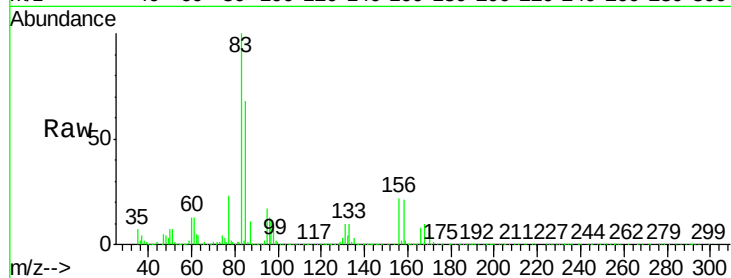
ClientSampleId :

VX0205WBS01

Tot Ion:	83	Resp:	119869
Ion Ratio		Lower	Upper
83	100		
131	10.3	4.9	14.7
85	66.6	31.6	94.7

Manual Integrations
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2/6/2020 1:32:30 PM



#72

1,2,3-Trichloropropane

Concen: 20.159 ug/l m

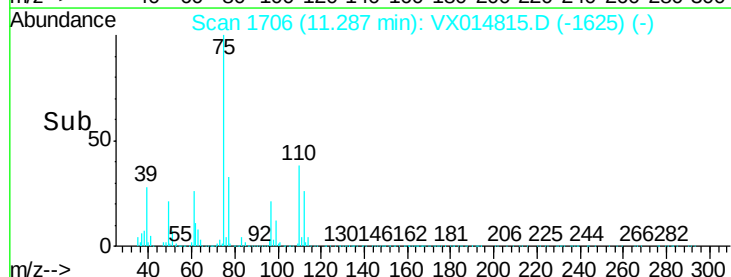
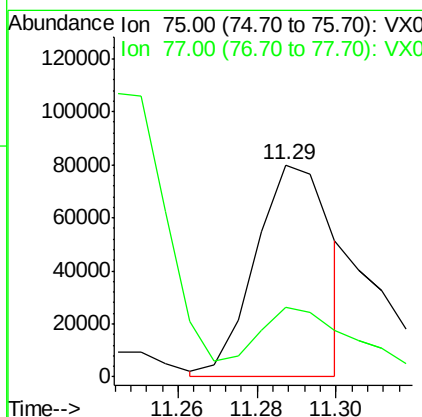
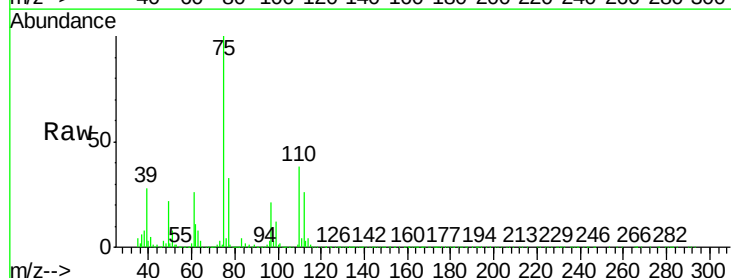
RT: 11.29 min Scan# 1706

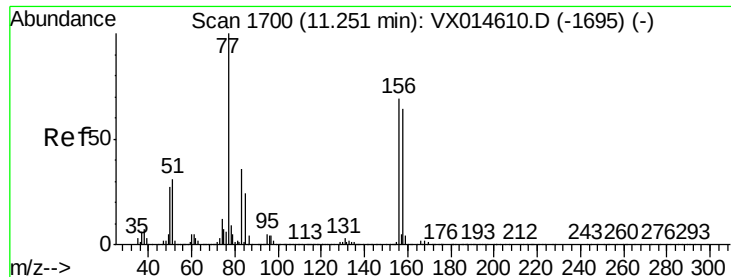
Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	75	Resp:	105327
Ion Ratio		Lower	Upper
75	100		
77	43.4	0.0	68.4





#73

Bromobenzene

Concen: 19.902 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

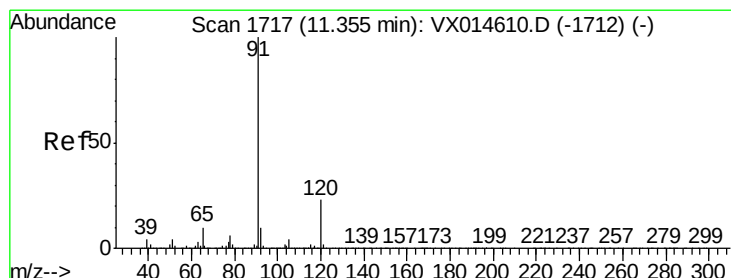
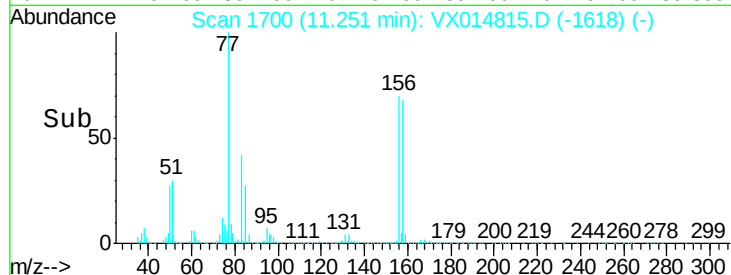
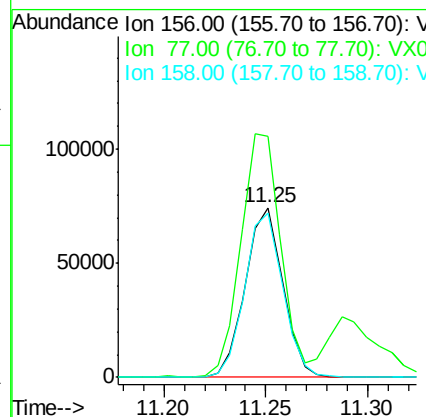
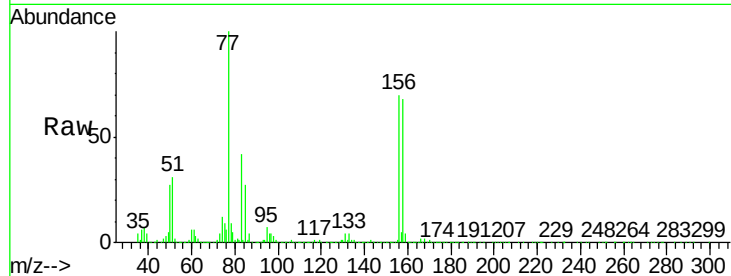
ClientSampleId :

VX0205WBS01

Tot Ion:	156	Resp:	95667
Ion Ratio	Lower	Upper	
156	100		
77	150.8	0.0	304.6
158	98.3	0.0	195.2

Manual Integrations
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#74

n-propylbenzene

Concen: 19.222 ug/l

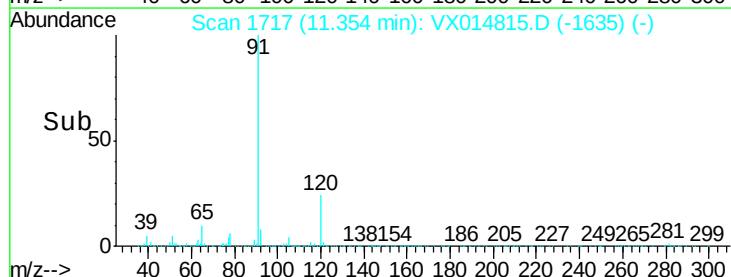
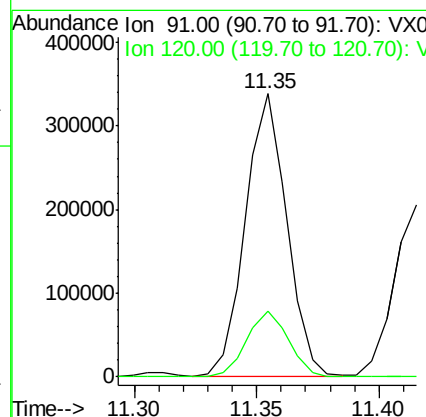
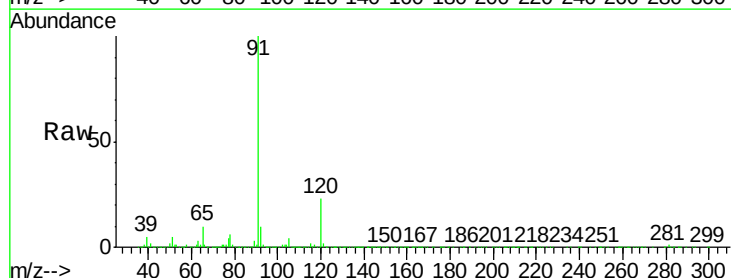
RT: 11.35 min Scan# 1717

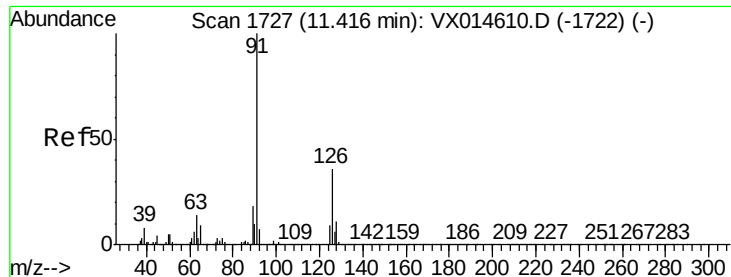
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	91	Resp:	398301
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.730 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS01

Tot Ion: 91 Resp: 245013

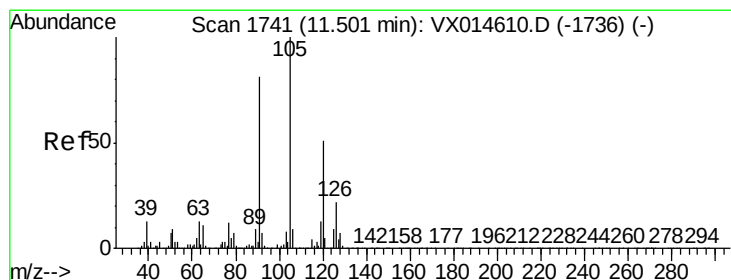
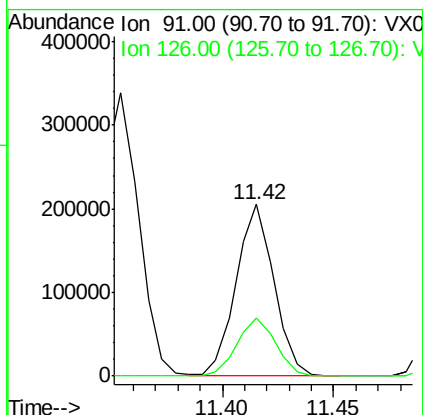
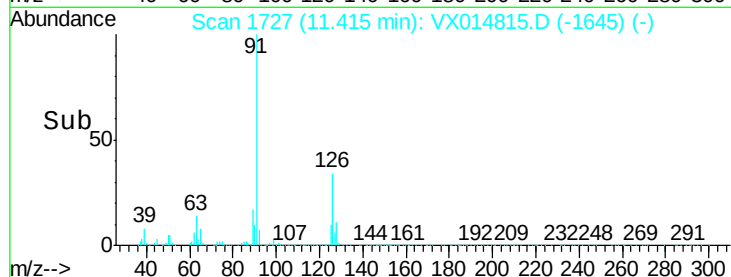
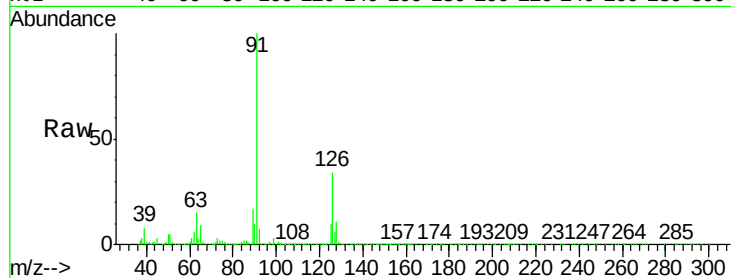
Ion Ratio Lower Upper

91 100

126 34.5 0.0 70.8

Manual Integrations
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2/6/2020 1:32:30 PM



#76

1,3,5-Trimethylbenzene

Concen: 19.601 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014815.D

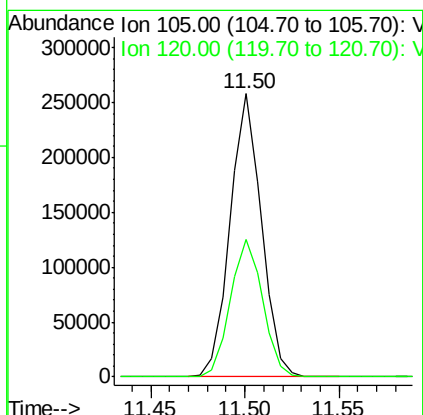
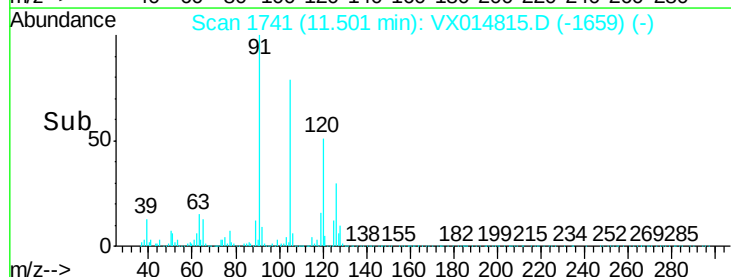
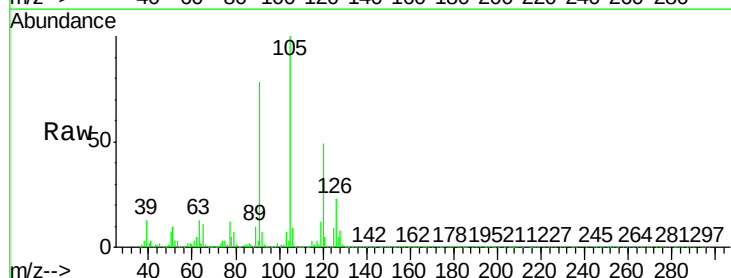
Acq: 05 Feb 2020 12:13

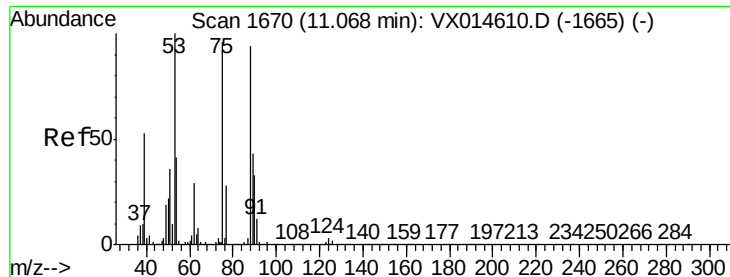
Tgt Ion: 105 Resp: 296172

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.6





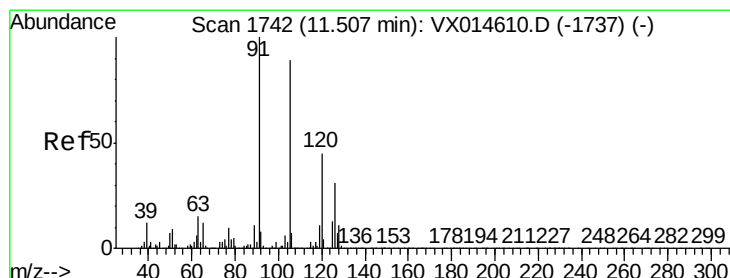
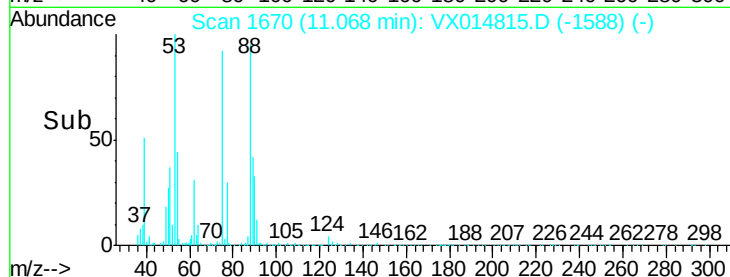
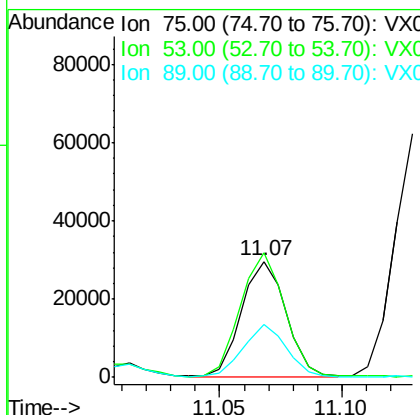
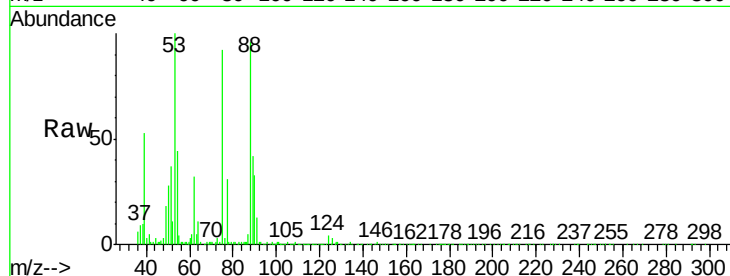
#77
t-1,4-Dichloro-2-butene
Concen: 18.620 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.6	54.4	163.1
89	45.6	21.9	65.5

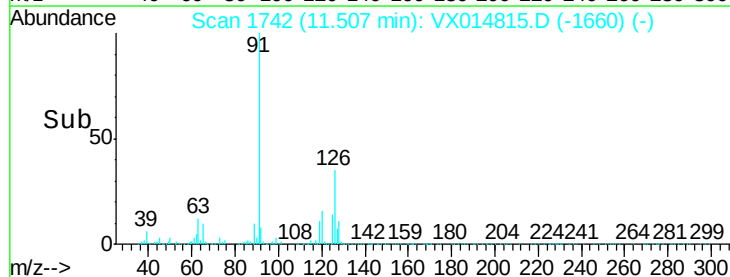
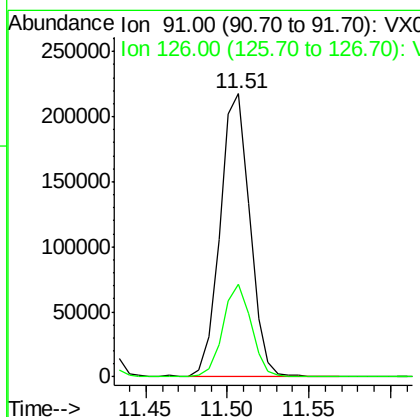
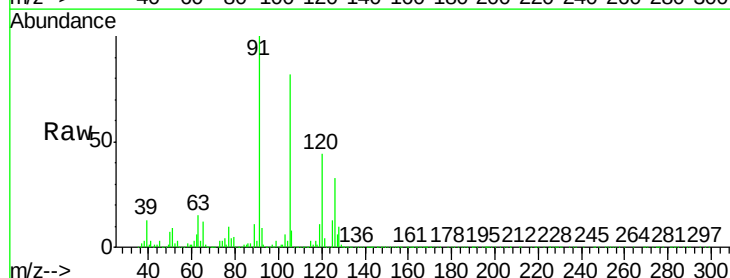
Manual Integrations
APPROVED

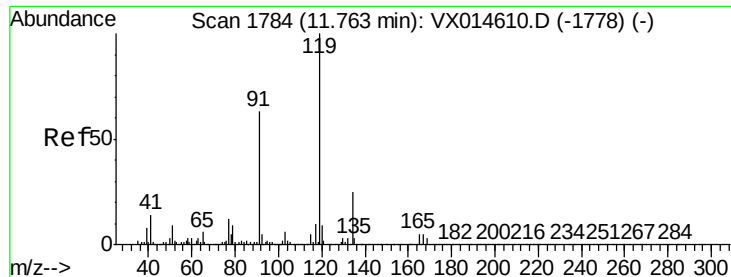
MMDadoda
2/6/2020 1:32:30 PM



#78
4-Chlorotoluene
Concen: 19.551 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	59.6





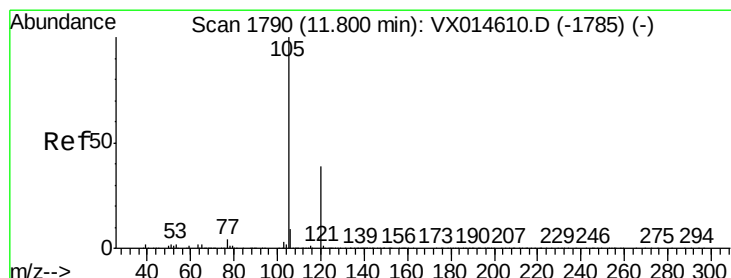
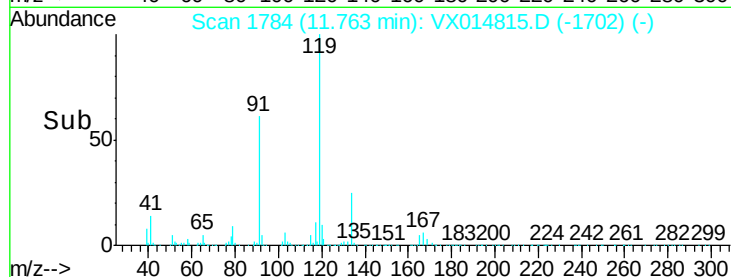
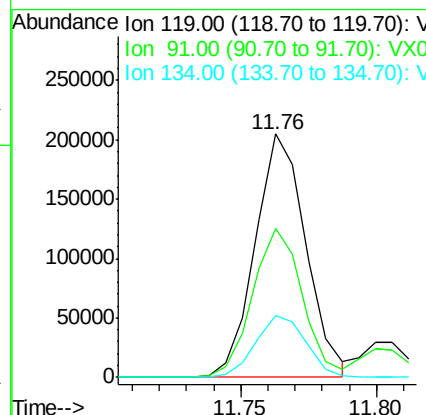
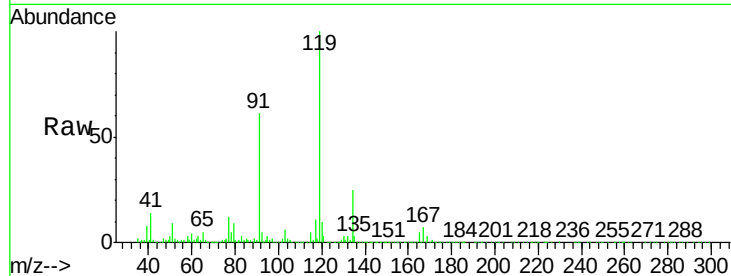
#79
tert-butylbenzene
Concen: 18.703 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	264435		
91	60.1	0.0	112.6	
134	25.2	0.0	49.8	

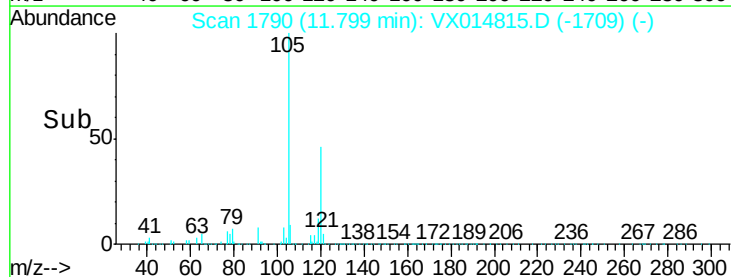
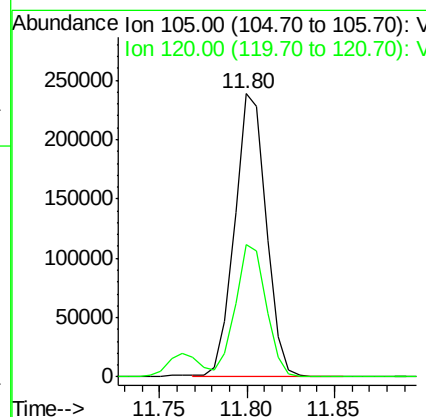
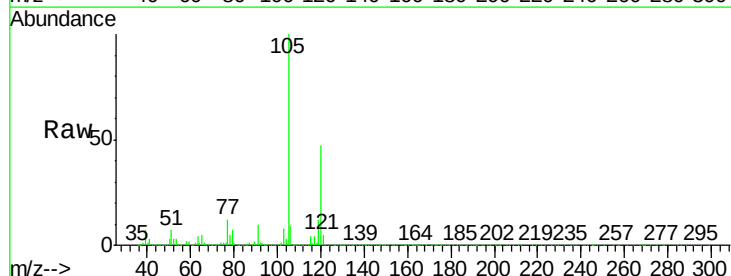
Manual Integrations
APPROVED

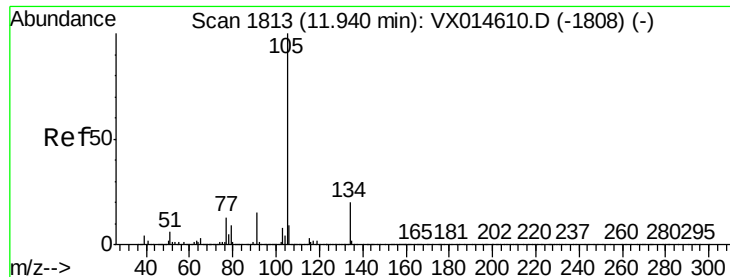
MMDadoda
2/6/2020 1:32:30 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.870 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299452		
120	45.4	0.0	92.0	





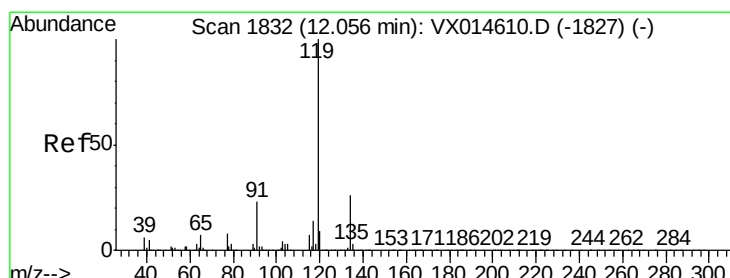
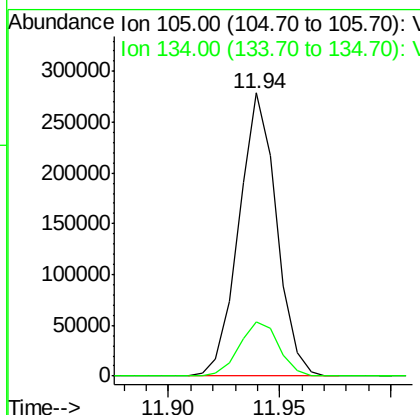
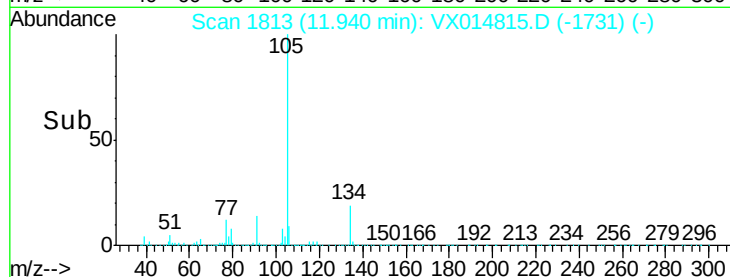
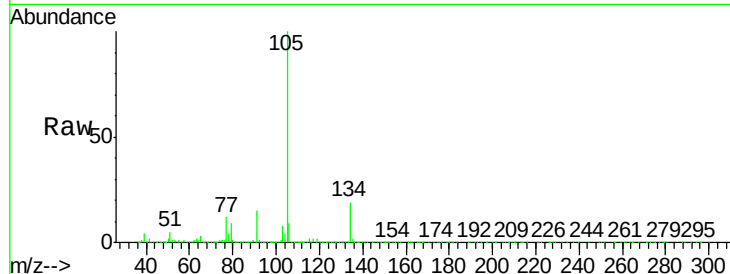
#81
 sec-Butylbenzene
 Concen: 18.732 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	327717		
134	20.5	0.0	40.2	

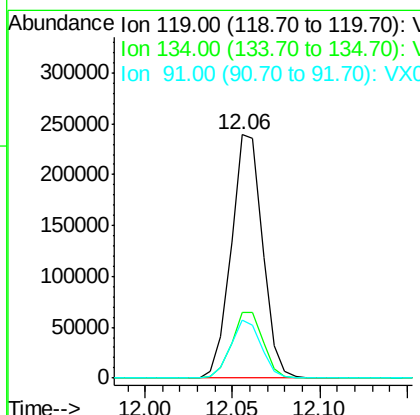
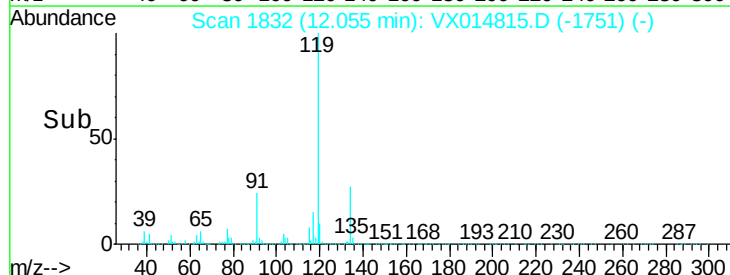
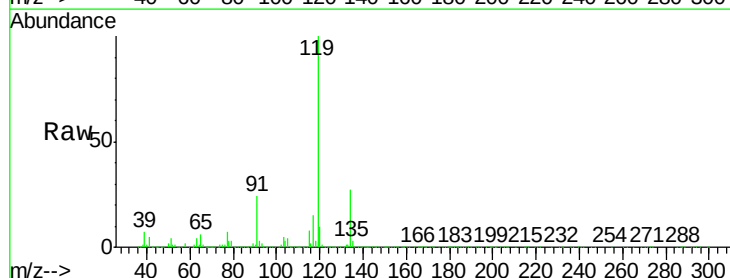
Manual Integrations
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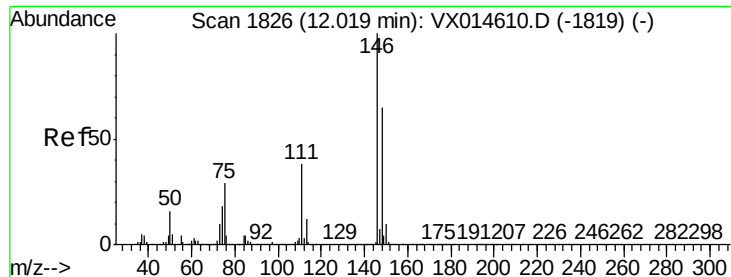
MMDadoda
 2/6/2020 1:32:30 PM



#82
 p-Isopropyltoluene
 Concen: 18.675 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	298262		
134	27.2	0.0	53.8	
91	22.9	0.0	45.0	





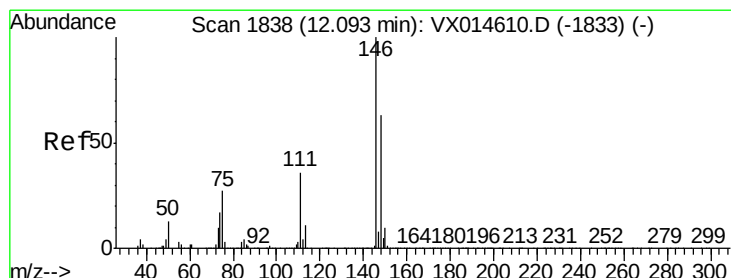
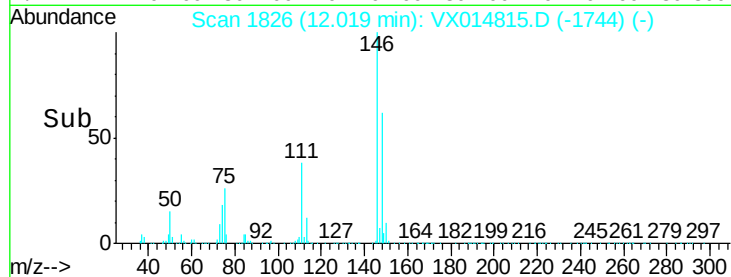
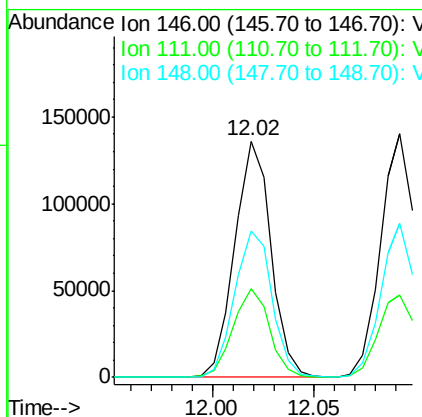
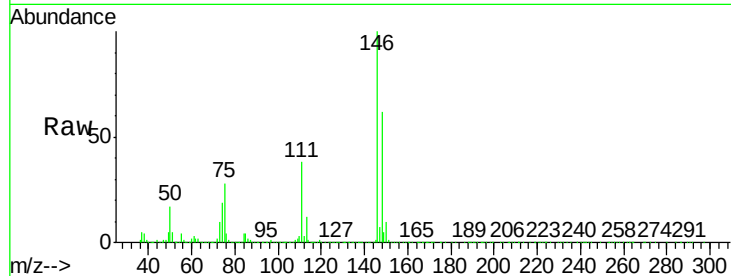
#83
 1,3-Dichlorobenzene
 Concen: 19.942 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	64.1	32.2	96.6

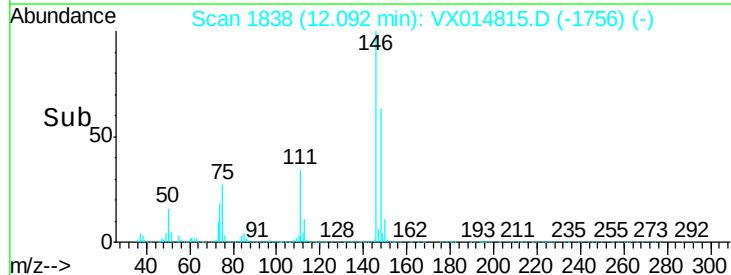
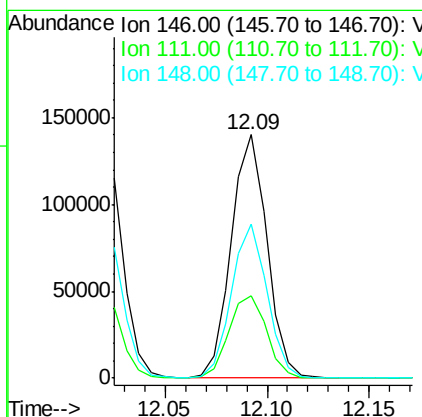
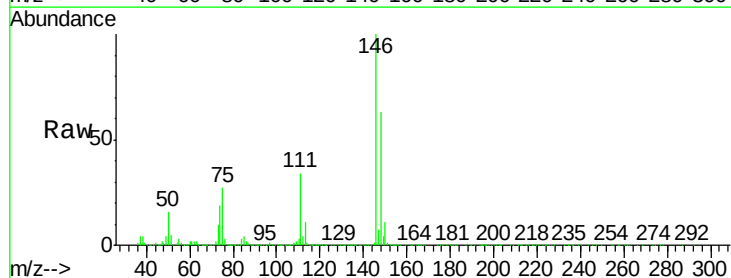
Manual Integrations
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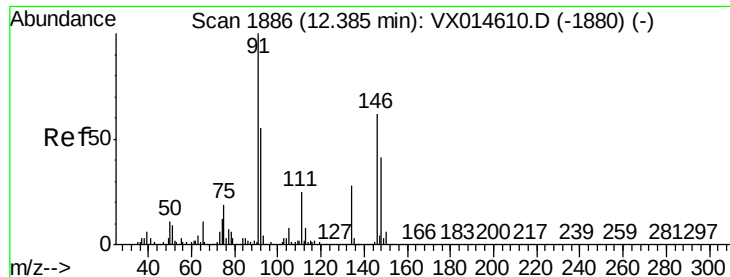
MMDadoda
 2/6/2020 1:32:30 PM



#84
 1,4-Dichlorobenzene
 Concen: 20.333 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.4	55.4
148	63.2	32.0	96.0





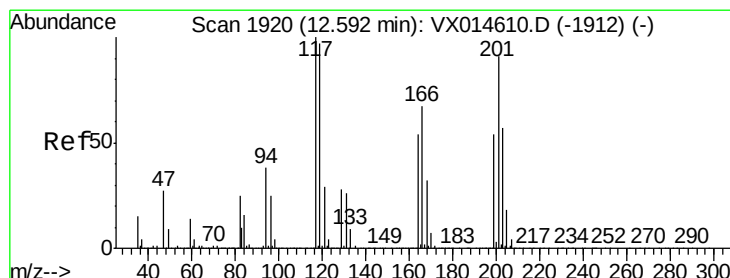
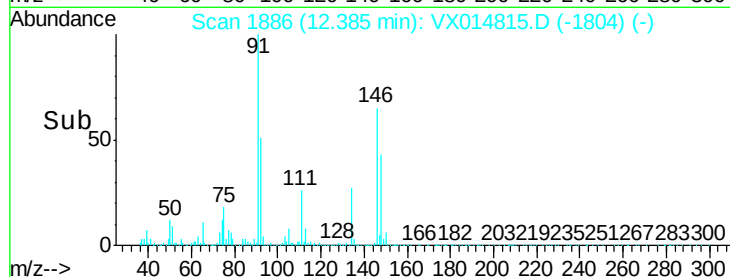
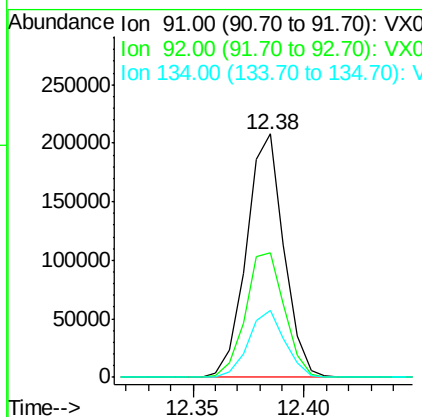
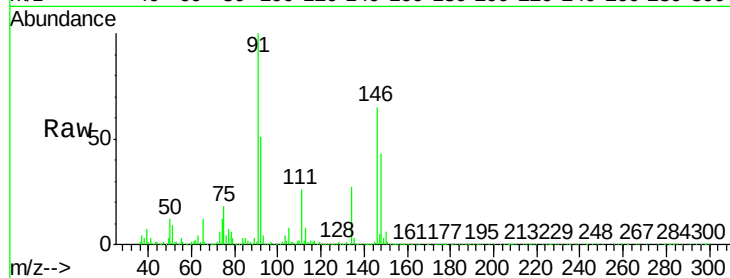
#85
n-Butylbenzene
Concen: 17.421 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	243447		
92	53.4	0.0	109.0	
134	26.6	0.0	54.0	

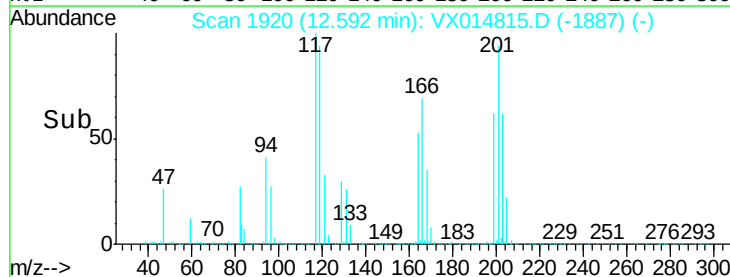
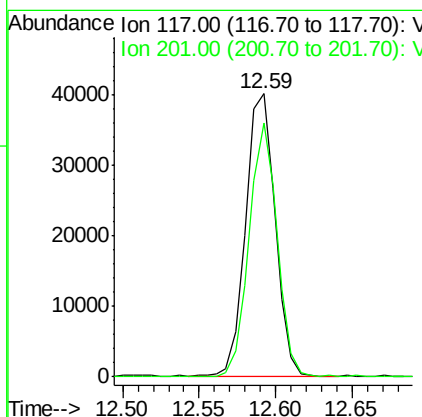
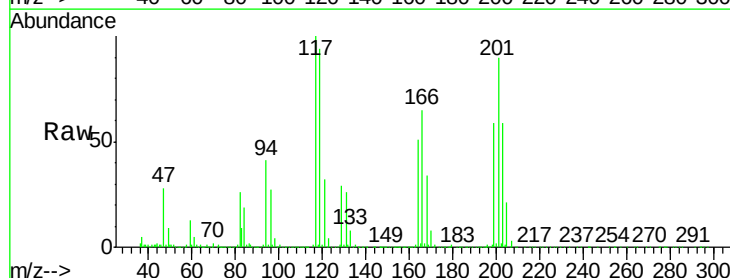
Manual Integrations
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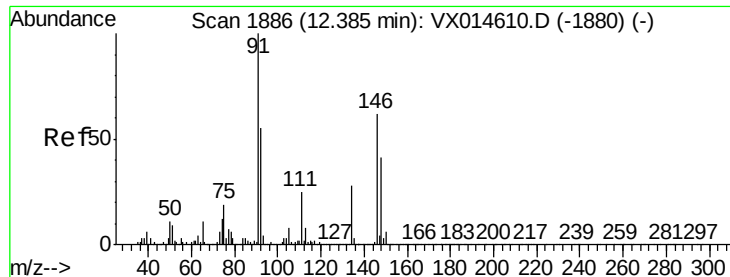
MMDadoda
2/6/2020 1:32:30 PM



#86
Hexachloroethane
Concen: 18.747 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	53691		
201	85.5	44.8	134.3	





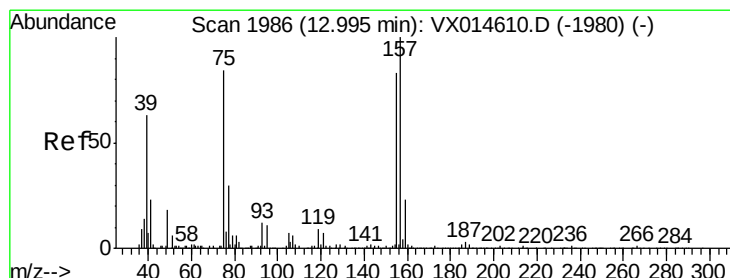
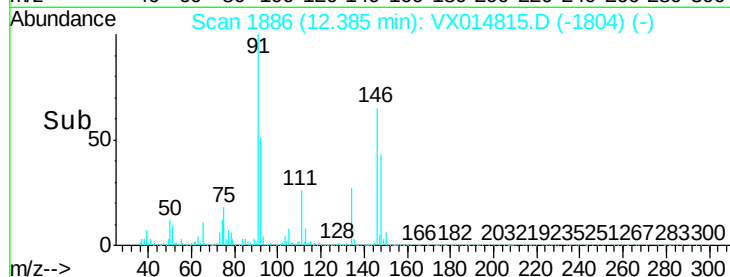
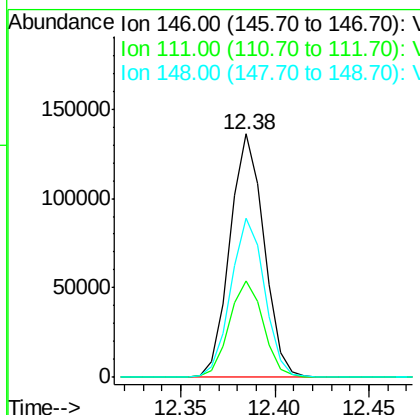
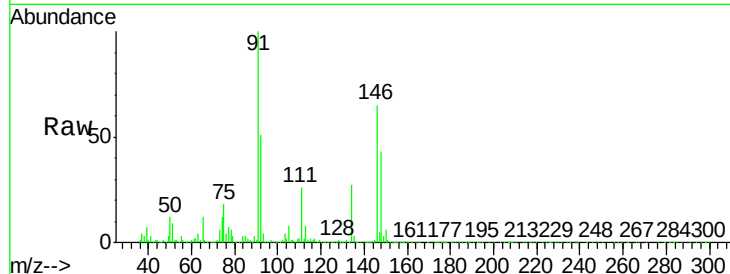
#87
 1,2-Dichlorobenzene
 Concen: 20.096 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	170190		
111	39.5	20.1	60.2	
148	65.1	32.0	96.2	

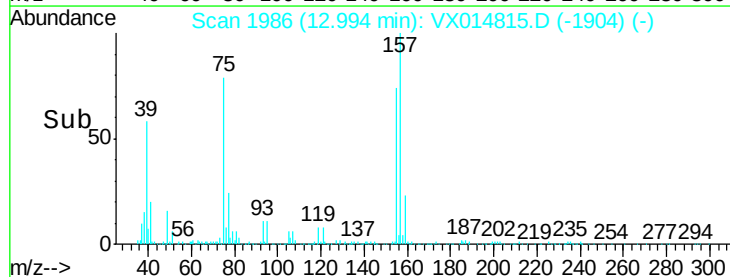
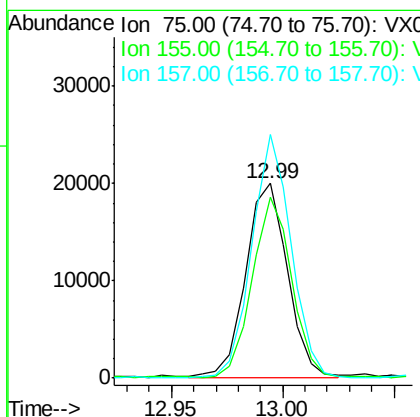
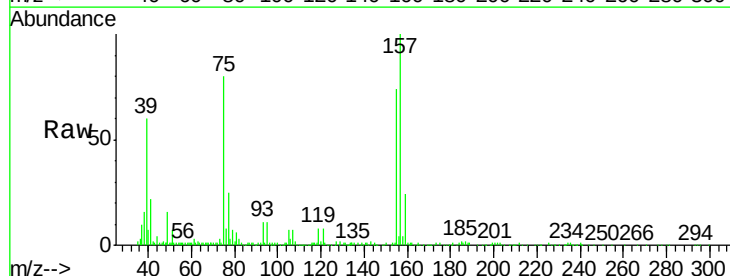
Manual Integrations
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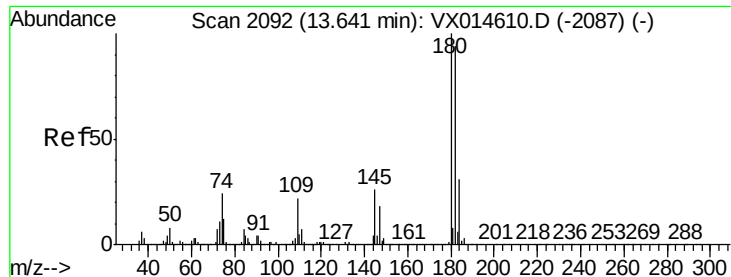
MMDadoda
 2/6/2020 1:32:30 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.999 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	26095		
155	88.6	73.8	110.6	
157	118.4	95.0	142.4	





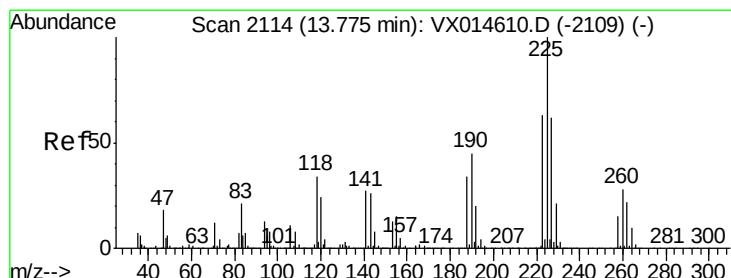
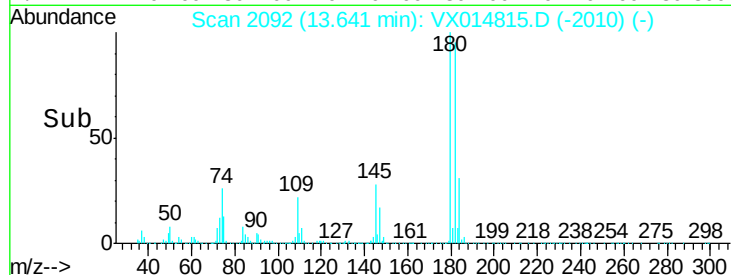
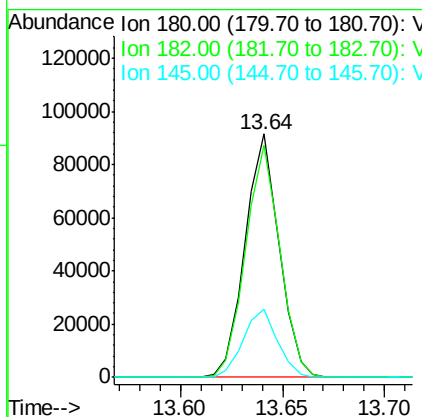
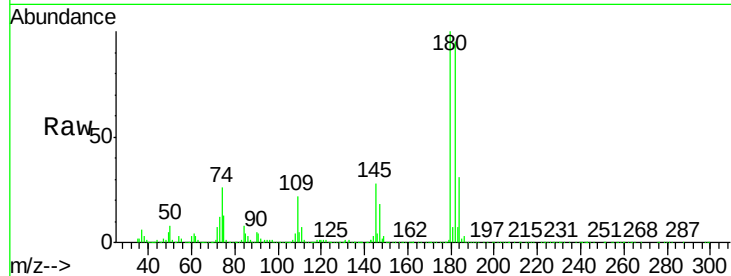
#89
1,2,4-Trichlorobenzene
Concen: 19.078 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106645		
182	96.0	76.4	114.6	
145	28.1	21.9	32.9	

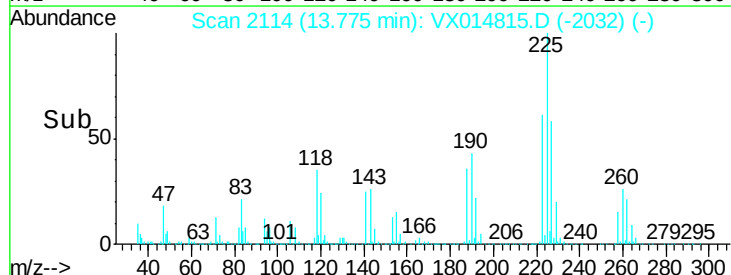
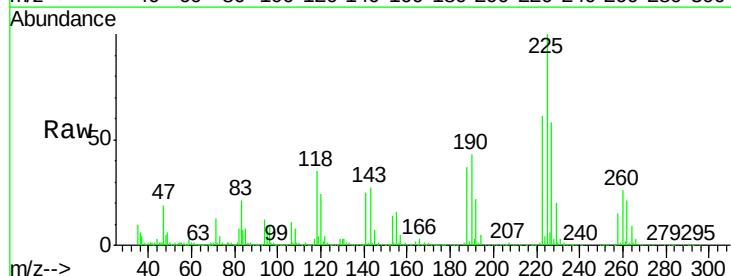
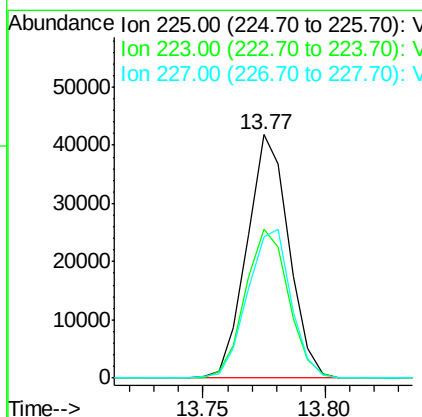
Manual Integrations
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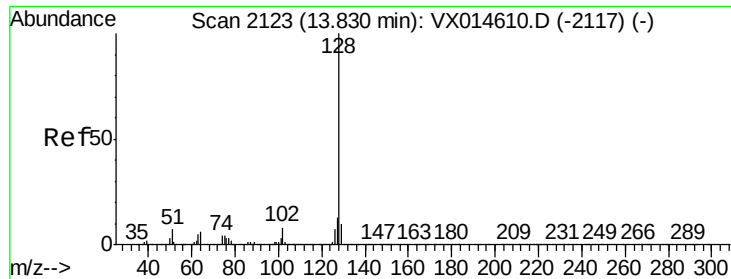
MMDadoda
2/6/2020 1:32:30 PM



#90
Hexachlorobutadiene
Concen: 17.937 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50101		
223	63.2	0.0	127.4	
227	63.2	0.0	122.8	





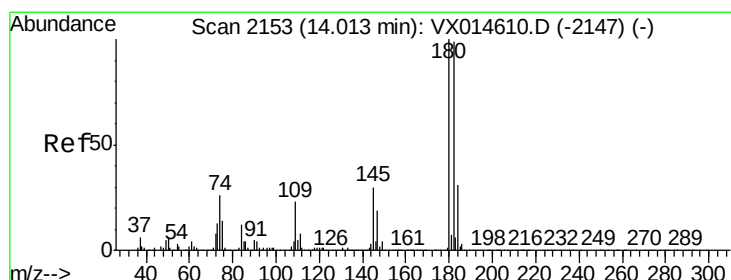
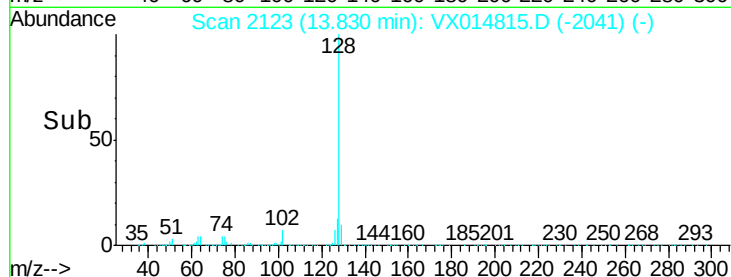
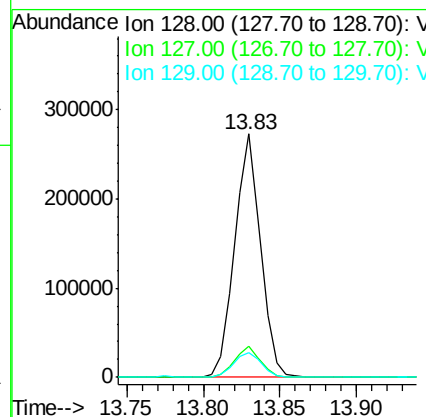
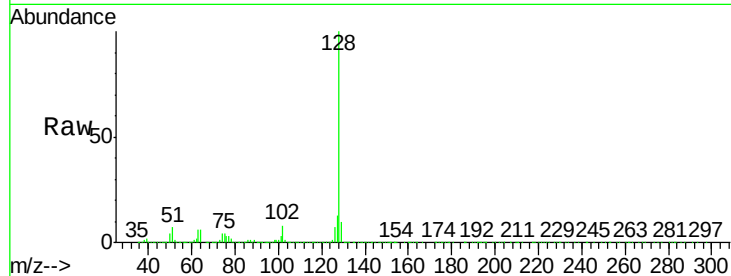
#91
Naphthalene
Concen: 18.929 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	319399		
127	12.8		10.4	15.6
129	11.0		8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.694 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112058		
182	93.8		0.0	192.8
145	28.4		0.0	60.0

