

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015224.D
 Acq On : 12 Mar 2020 10:02
 Operator : JC/SP
 Sample : VX0312WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:29 AM

Quant Time: Mar 13 02:27:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	308085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	458860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	166874	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.48	113	144791	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	514191	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.13	95	187584	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	49163	18.223	ug/l	100
3) Chloromethane	1.32	50	69907	18.293	ug/l	100
4) Vinyl Chloride	1.41	62	69721	17.992	ug/l	100
5) Bromomethane	1.65	94	45551	19.120	ug/l	97
6) Chloroethane	1.72	64	44287	19.052	ug/l	98
7) Trichlorofluoromethane	1.93	101	90099	19.541	ug/l	100
8) Diethyl Ether	2.18	74	40310	19.302	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55079	18.987	ug/l	97
10) Methyl Iodide	2.50	142	50595	15.437	ug/l	97
11) Tert butyl alcohol	3.04	59	54782	86.387	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55010	18.374	ug/l	98
13) Acrolein	2.29	56	48910	82.071	ug/l	98
14) Allyl chloride	2.72	41	95723	18.337	ug/l	94
15) Acrylonitrile	3.13	53	146310	92.644	ug/l	98
16) Acetone	2.44	43	144022	97.298	ug/l	97
17) Carbon Disulfide	2.56	76	137909	16.587	ug/l	100
18) Methyl Acetate	2.77	43	66850	18.470	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	169811	18.151	ug/l	99
20) Methylene Chloride	2.85	84	58592	16.914	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	56855	17.785	ug/l	98
22) Diisopropyl ether	3.84	45	195545	18.801	ug/l	96
23) Vinyl Acetate	3.80	43	800229	93.601	ug/l	98
24) 1,1-Dichloroethane	3.69	63	102536	17.763	ug/l	100
25) 2-Butanone	4.66	43	203677	93.989	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79303	17.306	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	64425	17.964	ug/l	98
28) Bromochloromethane	5.01	49	55044	20.941	ug/l	96
29) Tetrahydrofuran	5.11	42	137857	98.688	ug/l	98
30) Chloroform	5.20	83	106378	18.908	ug/l	100
31) Cyclohexane	5.57	56	101468	19.707	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	89475	19.185	ug/l	98
36) 1,1-Dichloropropene	5.79	75	80103	18.883	ug/l	99
37) Ethyl Acetate	4.82	43	83605	21.247	ug/l	98
38) Carbon Tetrachloride	5.78	117	75409	18.833	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0312WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:29 AM

Quant Time: Mar 13 02:27:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99548	20.097	ug/l	98
40) Benzene	6.13	78	250075	19.870	ug/l	99
41) Methacrylonitrile	5.03	41	47571	20.127	ug/l	97
42) 1,2-Dichloroethane	6.18	62	86671	20.054	ug/l	97
43) Isopropyl Acetate	6.43	43	138698	20.037	ug/l	99
44) Trichloroethene	7.20	130	69870	19.935	ug/l	95
45) 1,2-Dichloropropane	7.50	63	67354	20.676	ug/l	99
46) Dibromomethane	7.65	93	42580	20.060	ug/l	98
47) Bromodichloromethane	7.89	83	81611	19.443	ug/l	100
48) Methyl methacrylate	7.76	41	68830	19.536	ug/l	98
49) 1,4-Dioxane	7.75	88	29282	384.407	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	396296	96.827	ug/l	100
52) Toluene	8.78	92	146358	19.020	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	84525	18.919	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	97424	19.289	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	58413	18.443	ug/l	98
56) Ethyl methacrylate	9.17	69	88646	19.622	ug/l	95
57) 1,3-Dichloropropane	9.36	76	101085	18.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	234156	95.141	ug/l	100
59) 2-Hexanone	9.48	43	295564	97.432	ug/l	100
60) Dibromochloromethane	9.57	129	62505	18.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62071	18.658	ug/l	98
64) Tetrachloroethene	9.33	164	66812	20.414	ug/l	97
65) Chlorobenzene	10.13	112	158220	19.909	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	58726	19.597	ug/l	98
67) Ethyl Benzene	10.25	91	270528	20.047	ug/l	98
68) m/p-Xylenes	10.36	106	207096	40.335	ug/l	99
69) o-Xylene	10.69	106	99106	20.161	ug/l	97
70) Styrene	10.71	104	173805	20.621	ug/l	98
71) Bromoform	10.85	173	46471	19.998	ug/l	98
73) Isopropylbenzene	11.01	105	267761	20.031	ug/l	100
74) N-amyl acetate	10.89	43	106258	18.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	82326	18.480	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	81756m	19.587	ug/l	
77) Bromobenzene	11.25	156	71255	19.127	ug/l	98
78) n-propylbenzene	11.35	91	308640	20.210	ug/l	99
79) 2-Chlorotoluene	11.42	91	181646	19.917	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	226098	20.319	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26895	18.287	ug/l	98
82) 4-Chlorotoluene	11.50	91	210838	19.568	ug/l	100
83) tert-Butylbenzene	11.76	119	216600	20.131	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	229770	20.554	ug/l	100
85) sec-Butylbenzene	11.94	105	265739	20.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	245796	20.540	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127177	19.420	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	130115	19.244	ug/l	99
89) n-Butylbenzene	12.39	91	212428	19.959	ug/l	100
90) Hexachloroethane	12.59	117	42439	18.759	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	124823	19.171	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17953	20.125	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

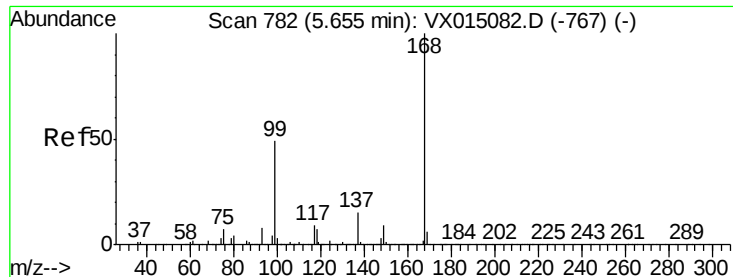
Manual Integrations
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3/16/2020 11:43:29 AM

Quant Time: Mar 13 02:27:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	98345	21.760	ug/l	99
94) Hexachlorobutadiene	13.78	225	50268	21.675	ug/l	99
95) Naphthalene	13.83	128	262167	19.810	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	97061	21.525	ug/l	100

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



#1

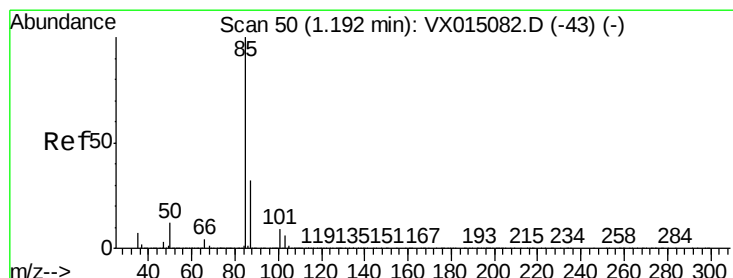
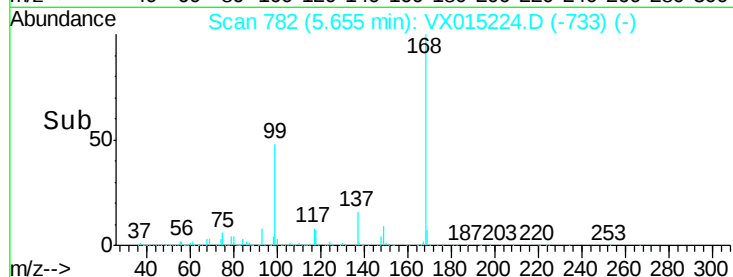
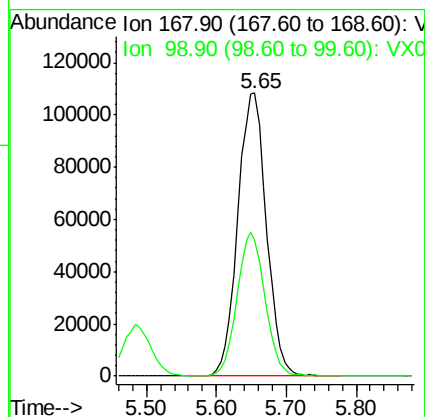
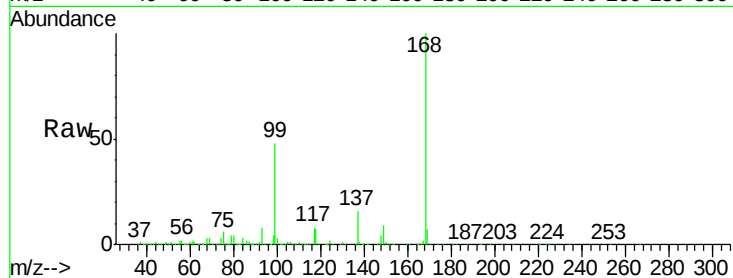
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.4	59.2

Manual Integrations
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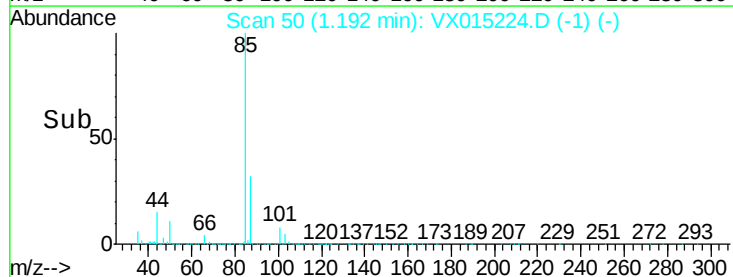
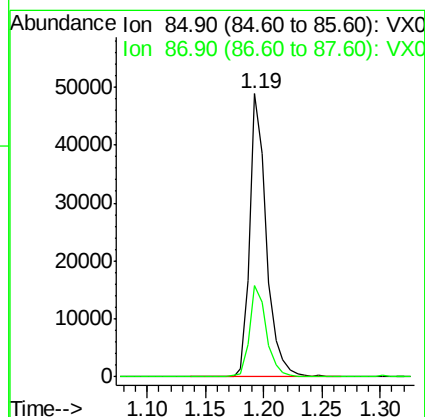
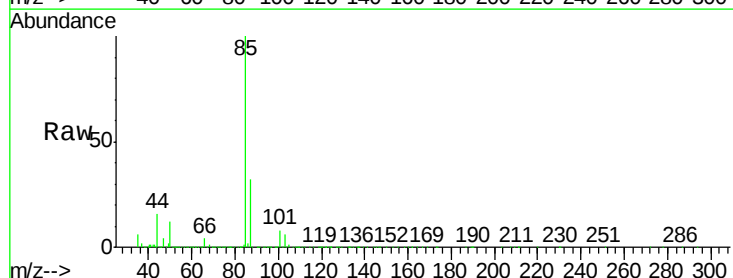
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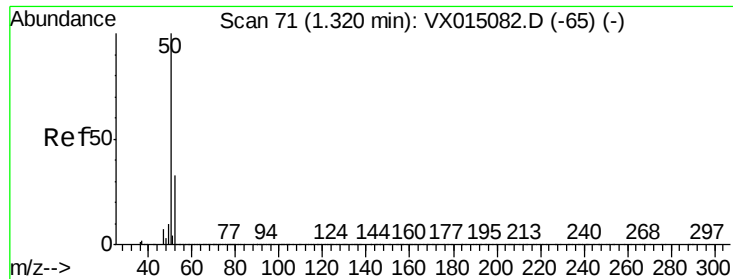


#2

Dichlorodifluoromethane
 Concen: 18.223 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5





#3

Chloromethane

Concen: 18.293 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 50 Resp: 69907

Ion Ratio Lower Upper

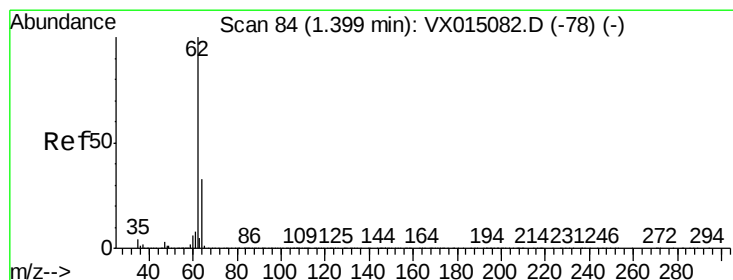
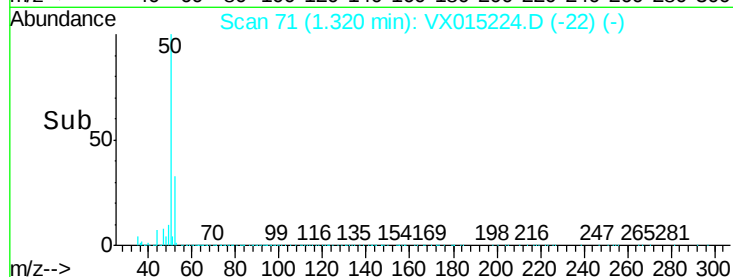
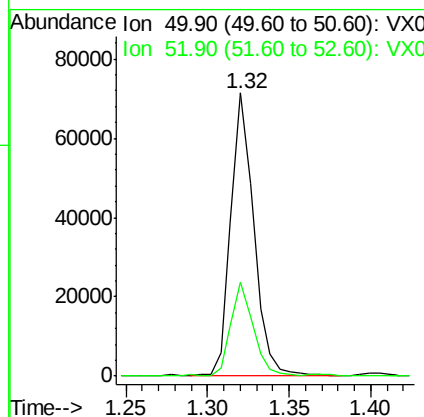
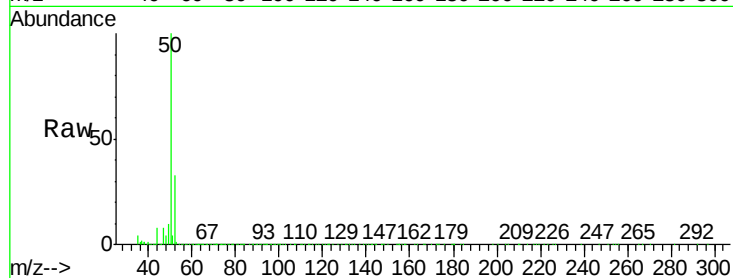
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.992 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015224.D

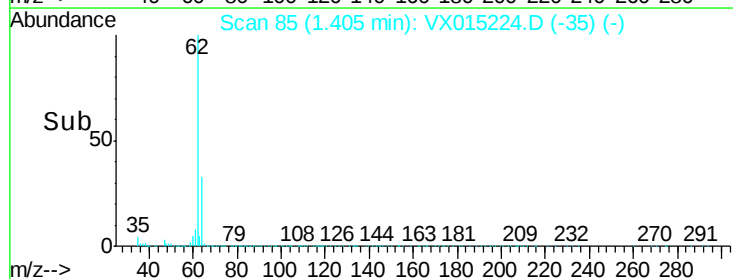
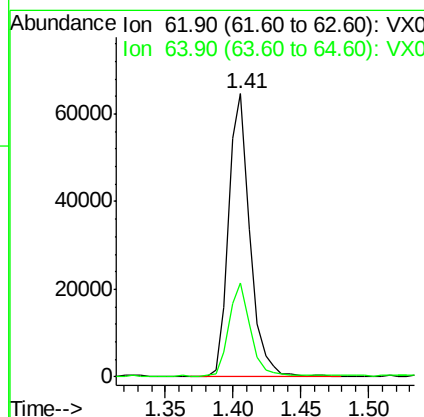
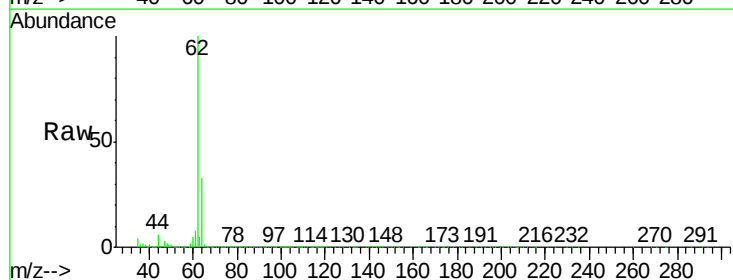
Acq: 12 Mar 2020 10:02

Tgt Ion: 62 Resp: 69721

Ion Ratio Lower Upper

62 100

64 32.8 26.1 39.1





#5

Bromomethane

Concen: 19.120 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 94 Resp: 45551

Ion Ratio Lower Upper

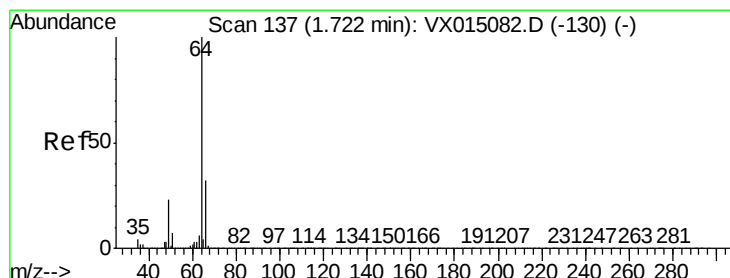
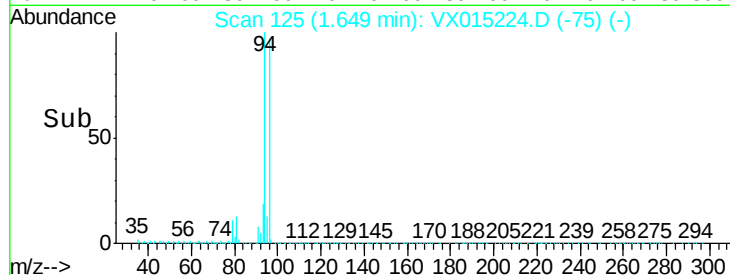
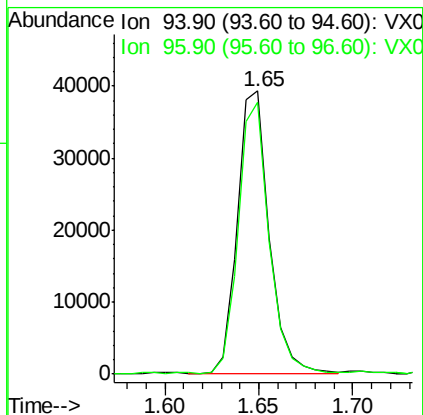
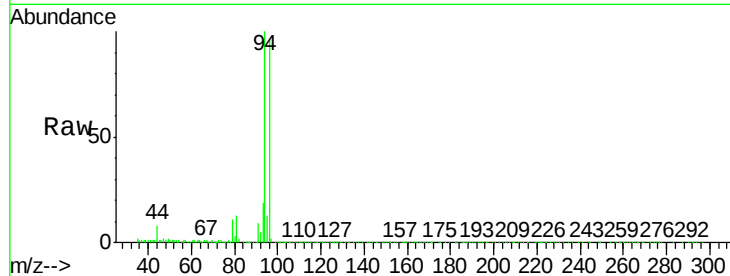
94 100

96 95.9 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 19.052 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015224.D

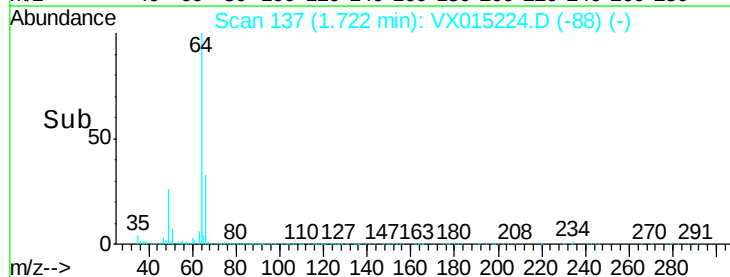
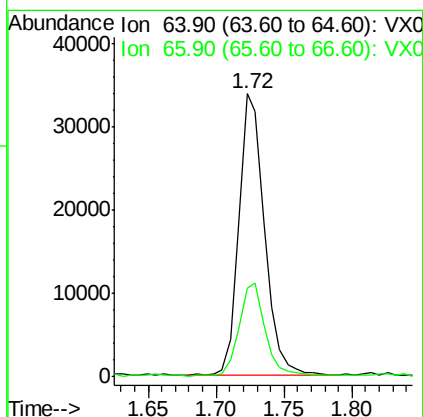
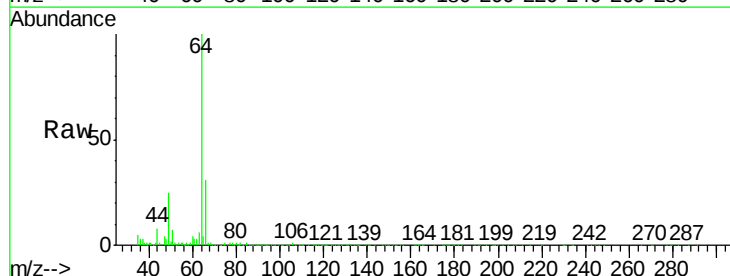
Acq: 12 Mar 2020 10:02

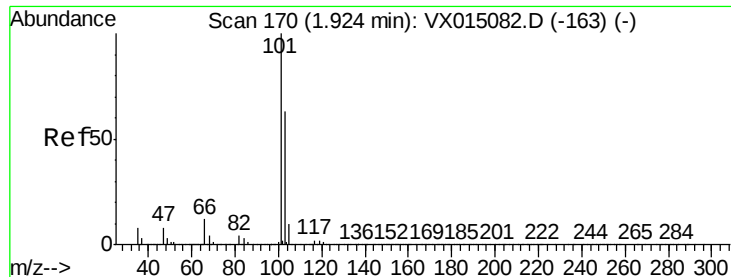
Tgt Ion: 64 Resp: 44287

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8





#7

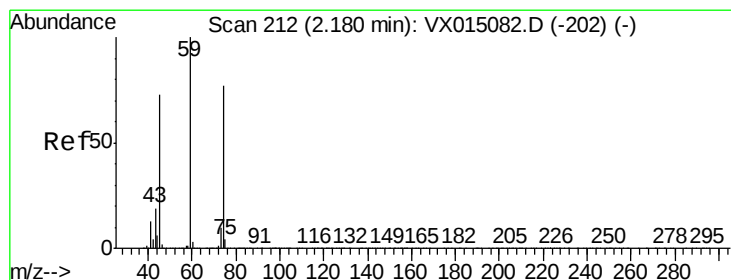
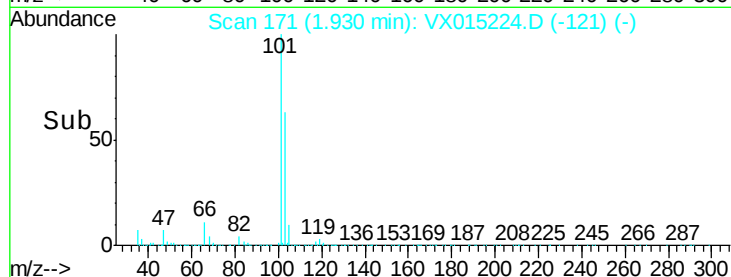
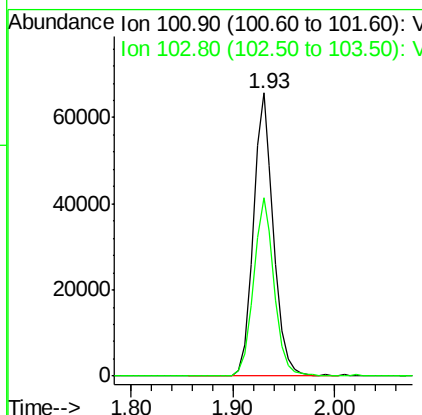
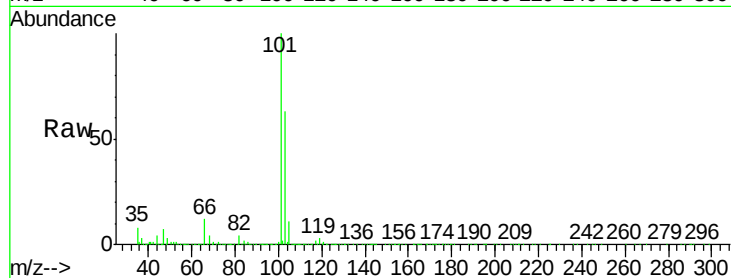
Trichlorofluoromethane
Concen: 19.541 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	50.4	75.6

Manual Integrations
APPROVED

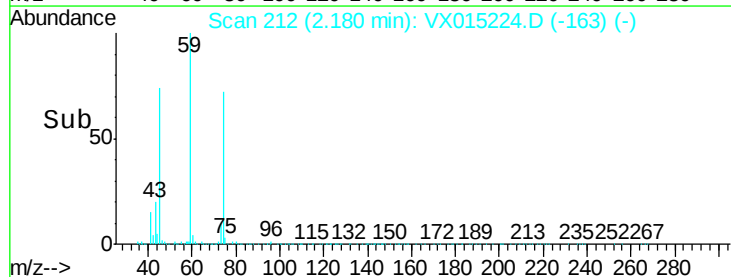
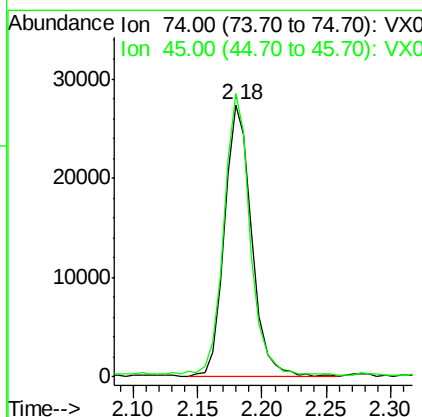
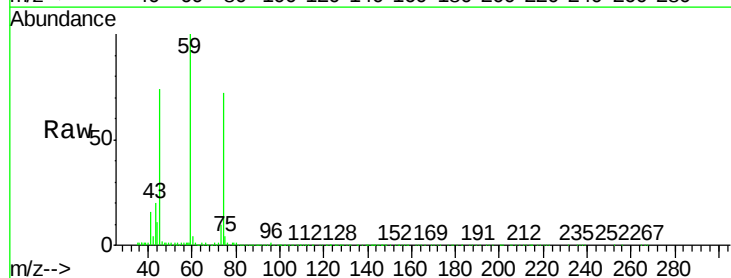
MMDadoda
3/16/2020 11:43:29 AM

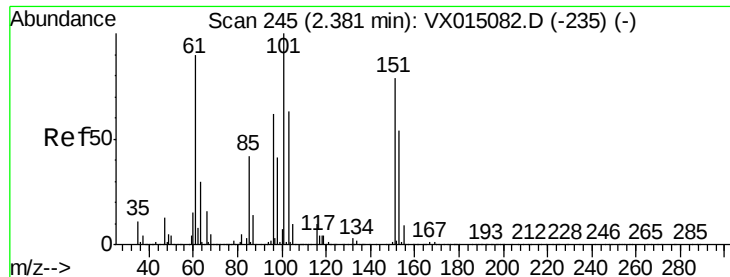


#8

Diethyl Ether
Concen: 19.302 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.987 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

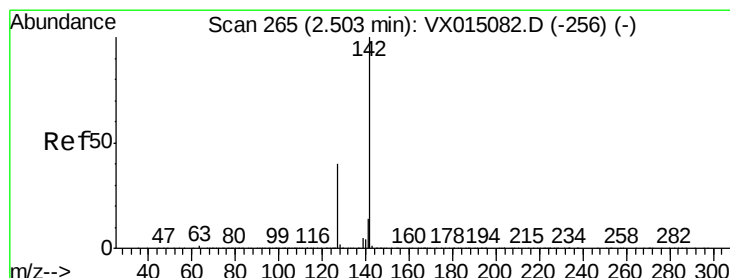
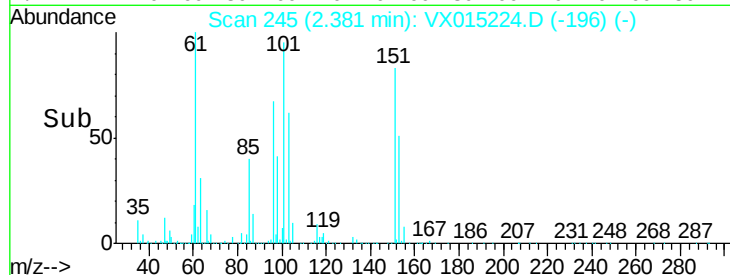
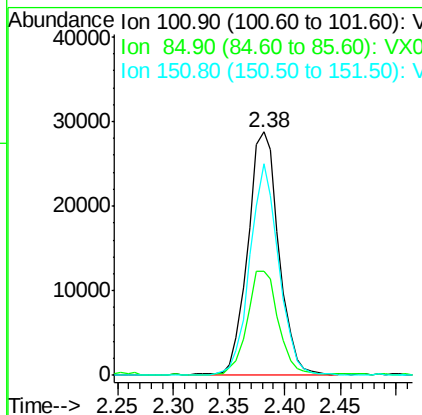
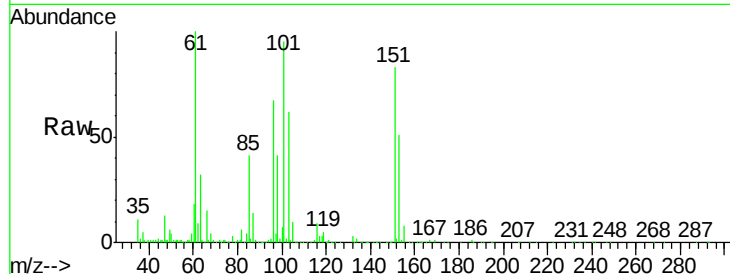
ClientSampleId :

VX0312WBS01

Tot Ion:	101	Resp:	55079
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.7	50.5
151	82.9	64.0	96.0

Manual Integrations
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3/16/2020 11:43:29 AM



#10

Methyl Iodide

Concen: 15.437 ug/l

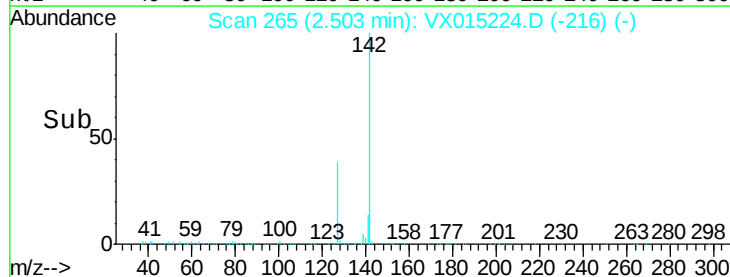
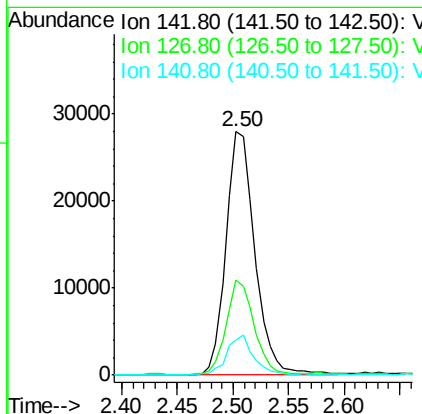
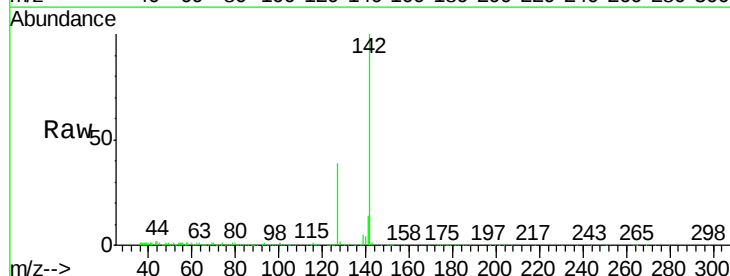
RT: 2.50 min Scan# 265

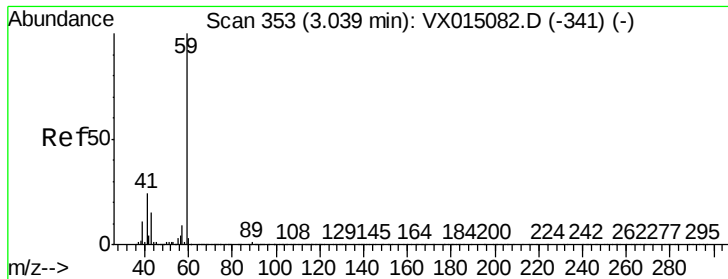
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	142	Resp:	50595
Ion Ratio	Lower	Upper	
142	100		
127	37.9	31.7	47.5
141	15.3	11.3	16.9





#11

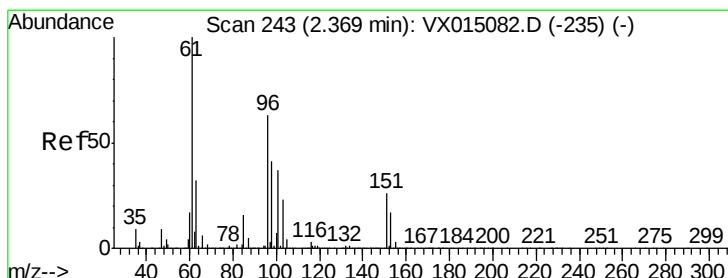
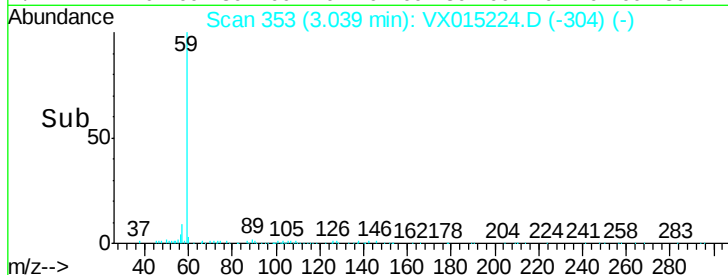
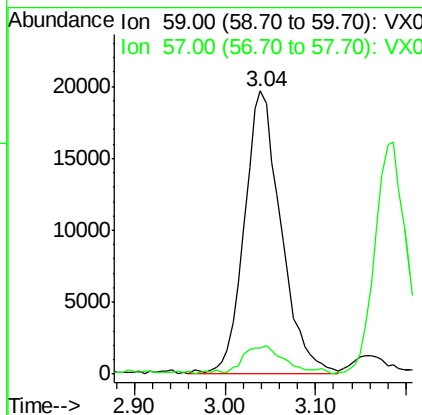
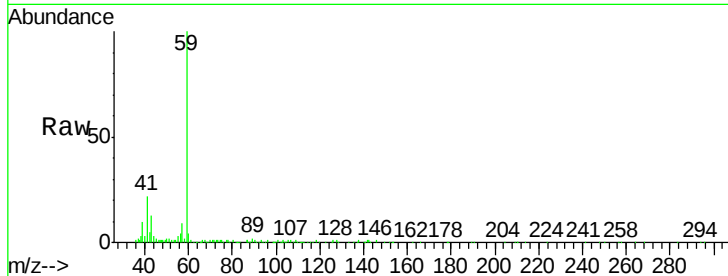
Tert butyl alcohol
Concen: 86.387 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.2	12.4

Manual Integrations
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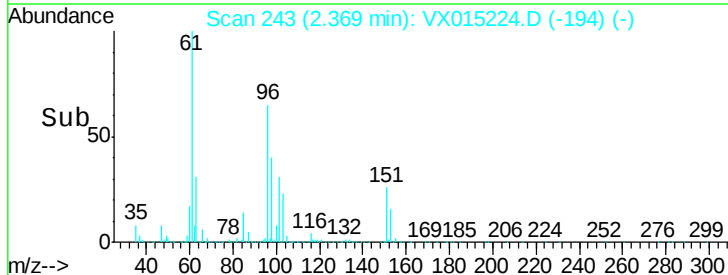
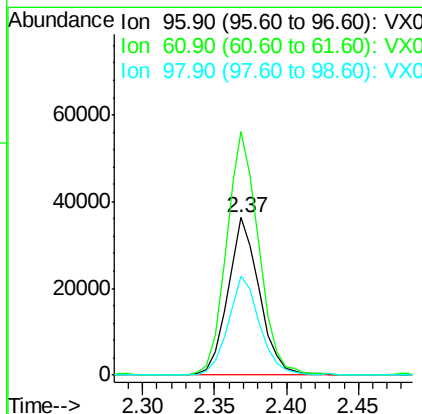
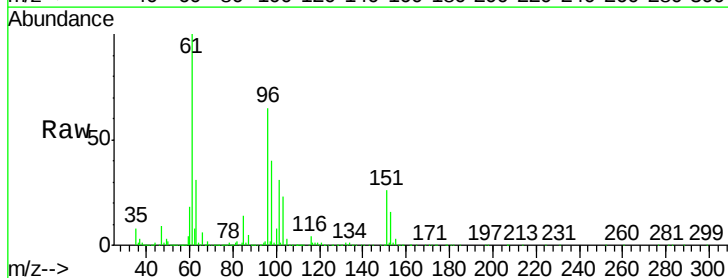
MMDadoda
3/16/2020 11:43:29 AM

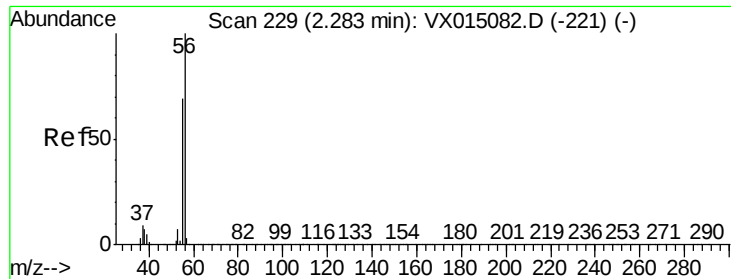


#12

1,1-Dichloroethene
Concen: 18.374 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	126.2	189.4
98	62.3	51.4	77.0





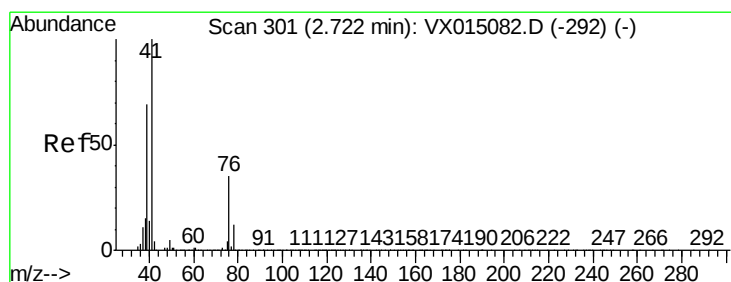
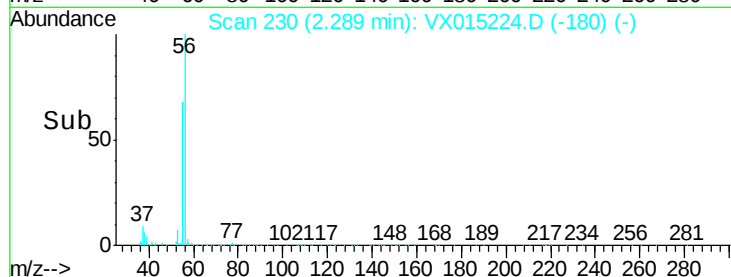
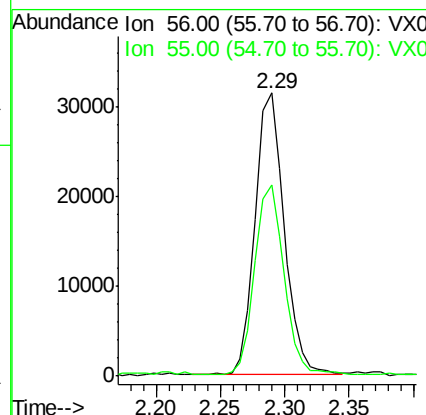
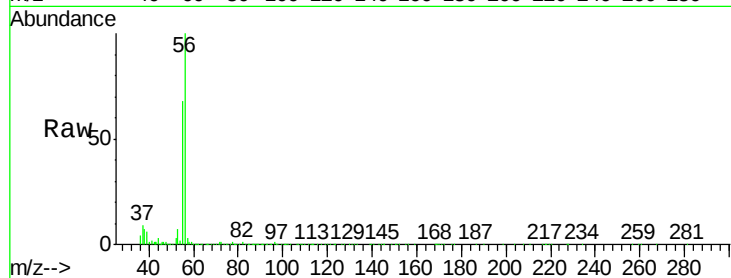
#13
Acrolein
Concen: 82.071 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.8	55.4	83.0

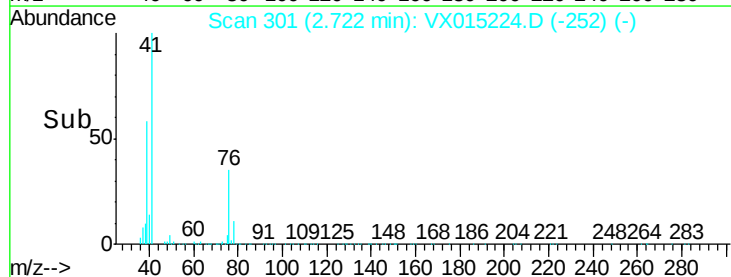
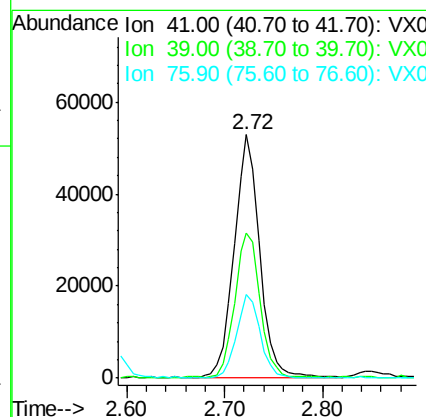
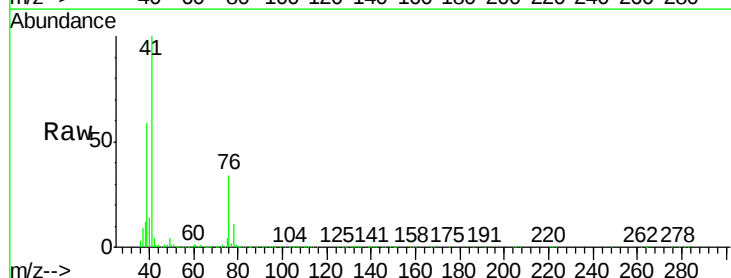
Manual Integrations
APPROVED

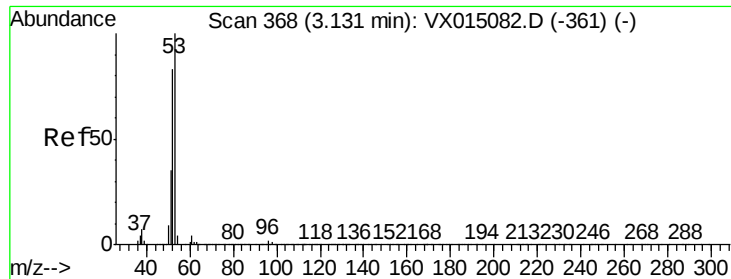
MMDadoda
3/16/2020 11:43:29 AM



#14
Allyl chloride
Concen: 18.337 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.2	52.9	79.3
76	32.4	26.8	40.2





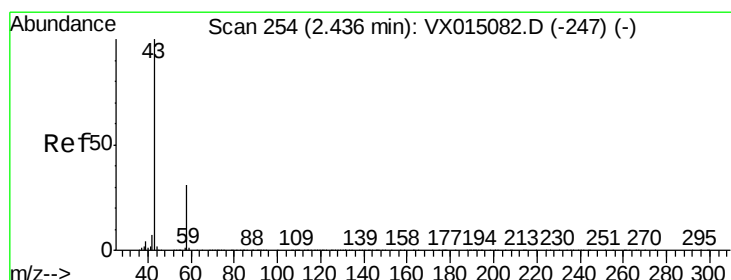
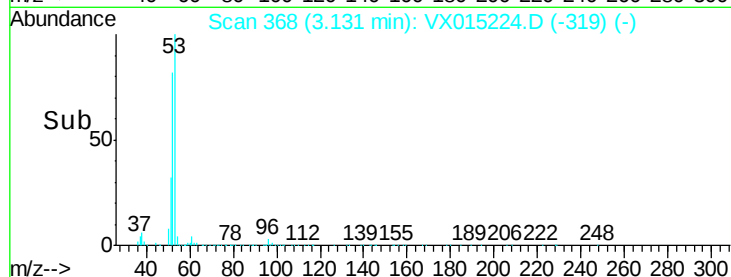
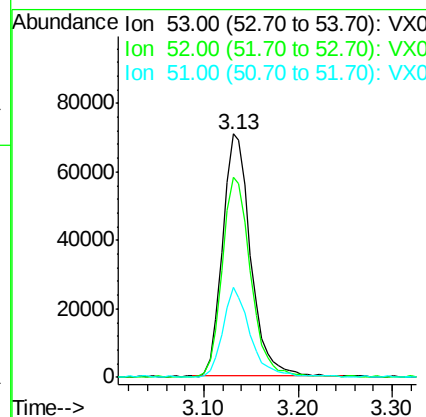
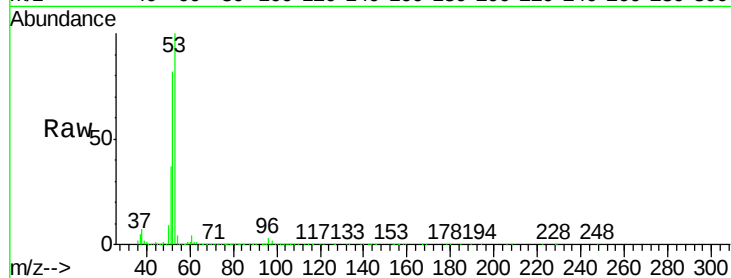
#15
 Acrylonitrile
 Concen: 92.644 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion:	53	Resp:	146310
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.6	100.0
51	35.7	29.0	43.6

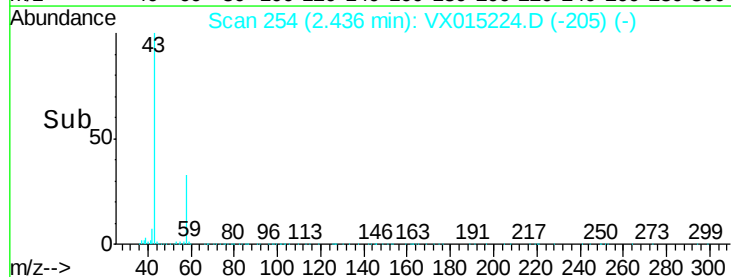
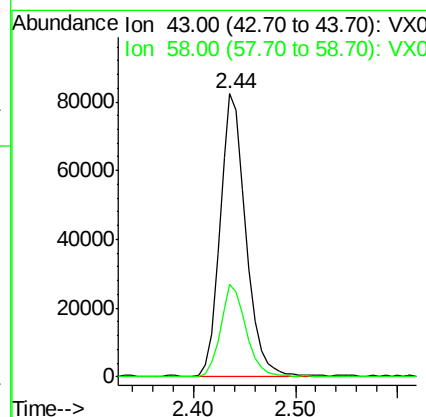
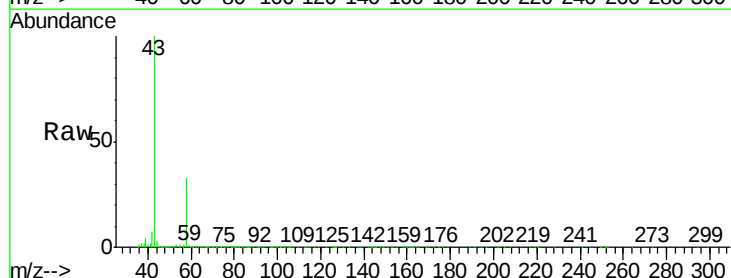
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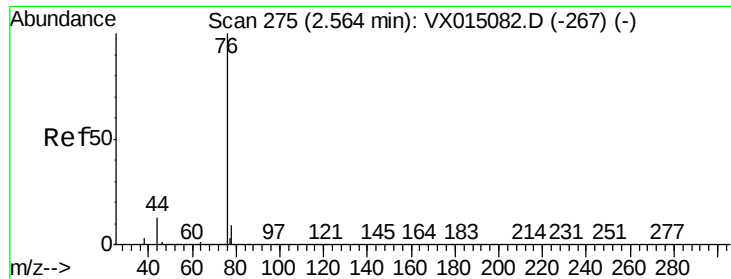
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#16
 Acetone
 Concen: 97.298 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Tgt Ion:	43	Resp:	144022
Ion Ratio	Lower	Upper	
43	100		
58	32.6	24.8	37.2





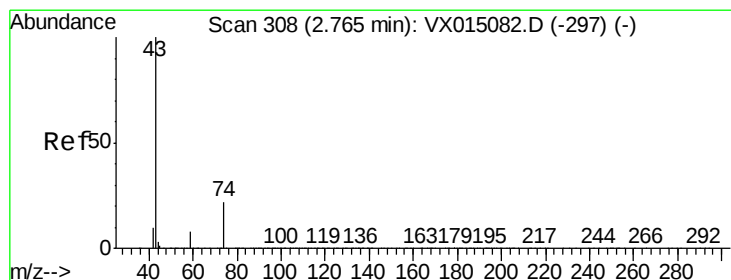
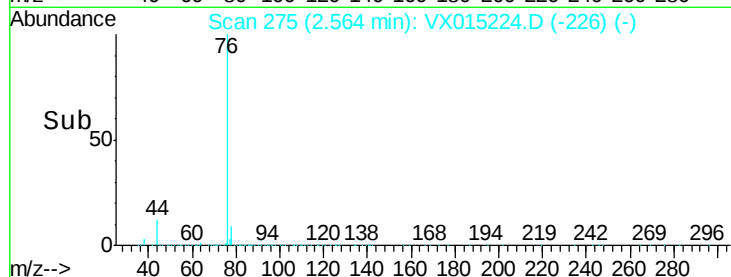
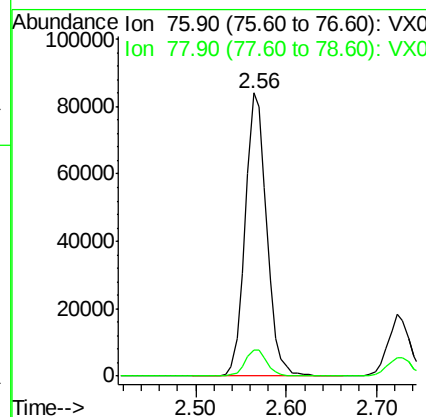
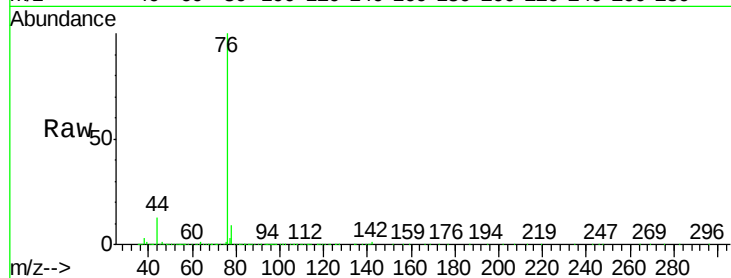
#17
Carbon Disulfide
Concen: 16.587 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

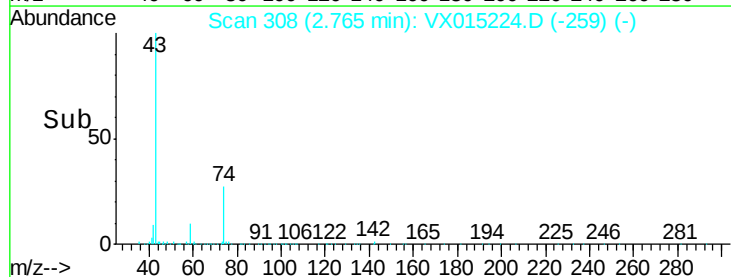
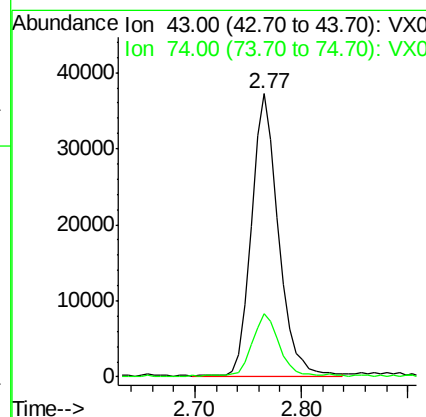
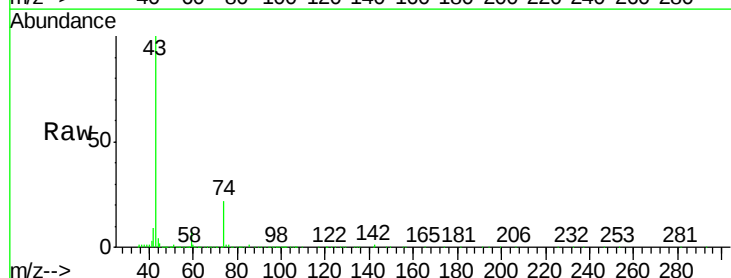
Manual Integrations
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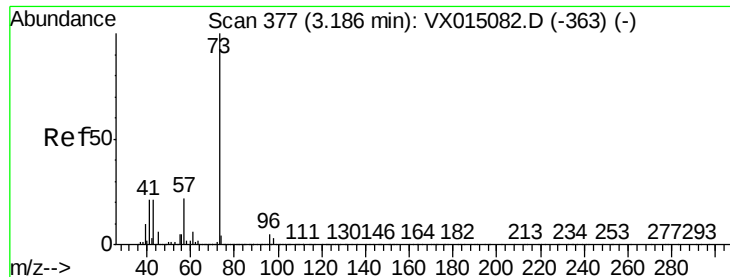
MMDadoda
3/16/2020 11:43:29 AM



#18
Methyl Acetate
Concen: 18.470 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.8	28.2





#19

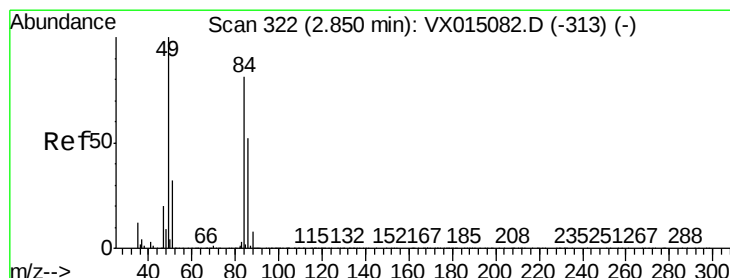
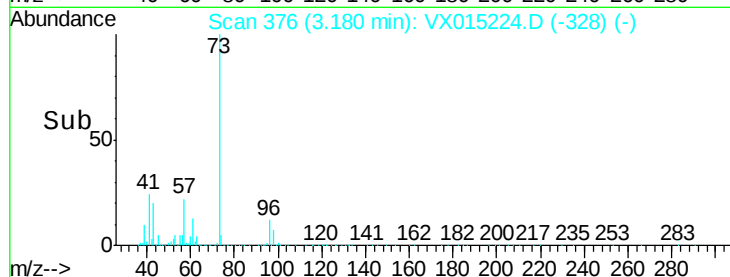
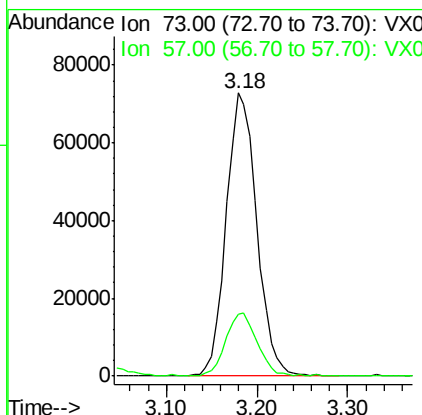
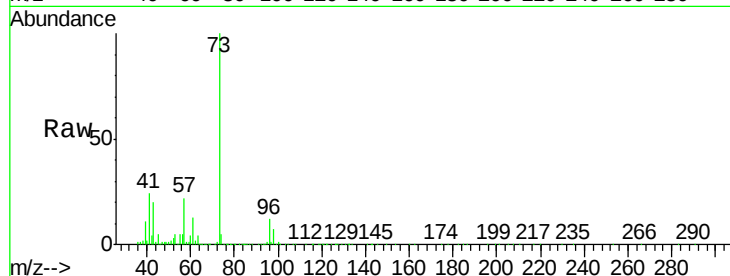
Methyl tert-butyl Ether
 Concen: 18.151 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

Manual Integrations
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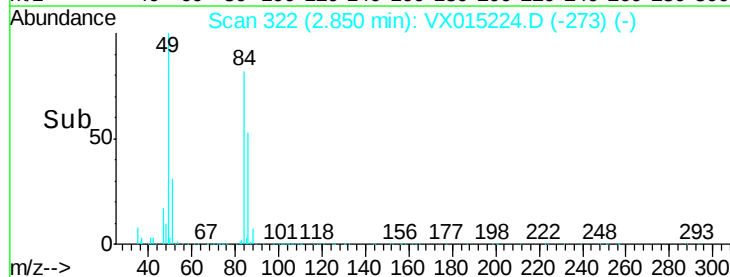
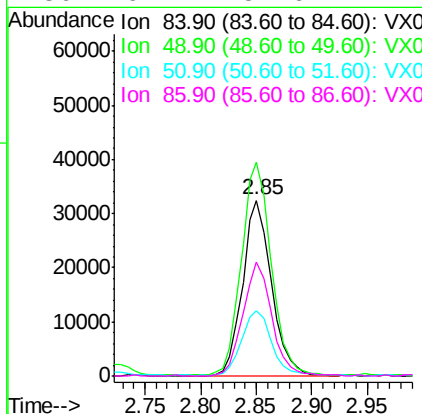
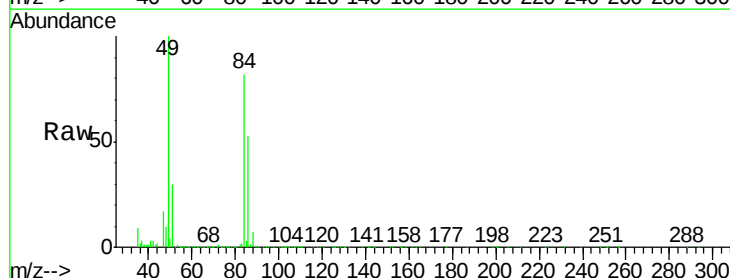
MMDadoda
 3/16/2020 11:43:29 AM

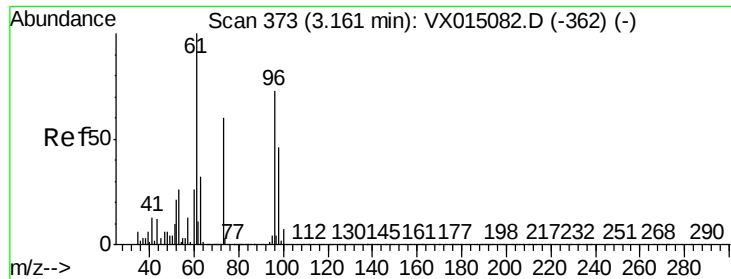


#20

Methylene Chloride
 Concen: 16.914 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.0	99.4	149.2
51	36.2	31.5	47.3
86	64.7	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.785 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

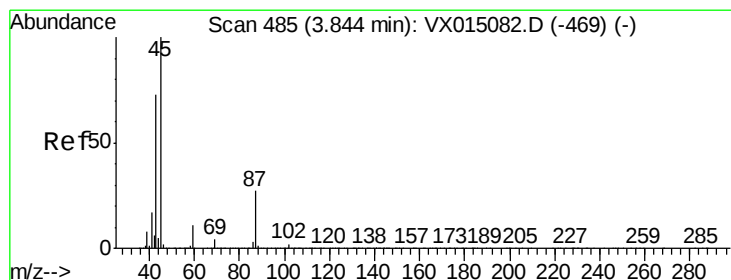
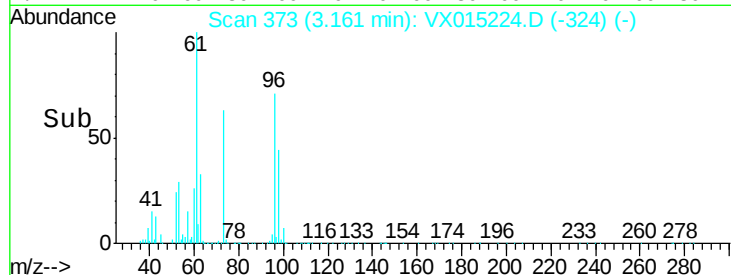
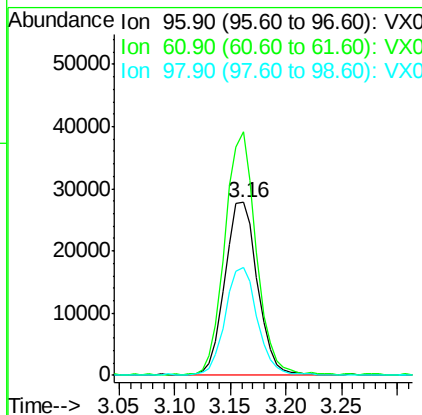
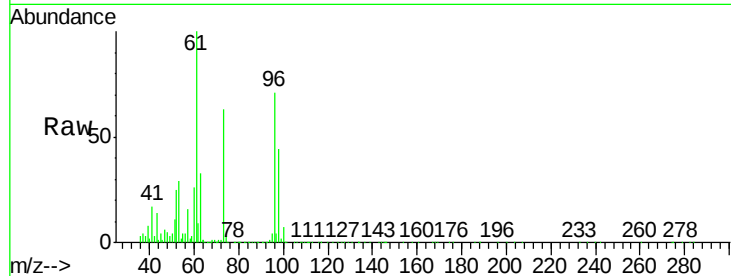
ClientSampleId :

VX0312WBS01

Tot Ion:	96	Resp:	56855
Ion	Ratio	Lower	Upper
96	100		
61	140.4	109.9	164.9
98	62.1	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.801 ug/l

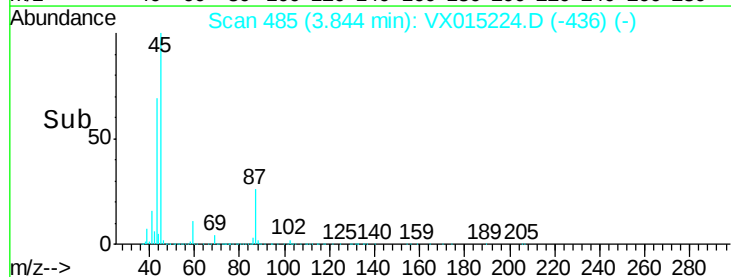
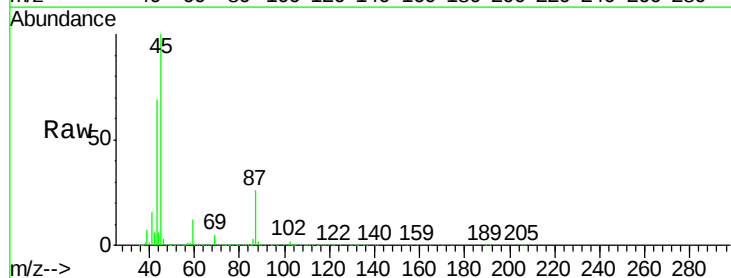
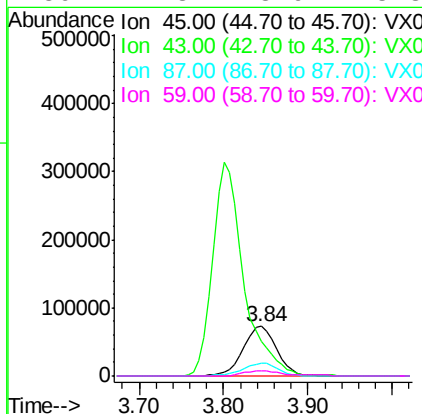
RT: 3.84 min Scan# 485

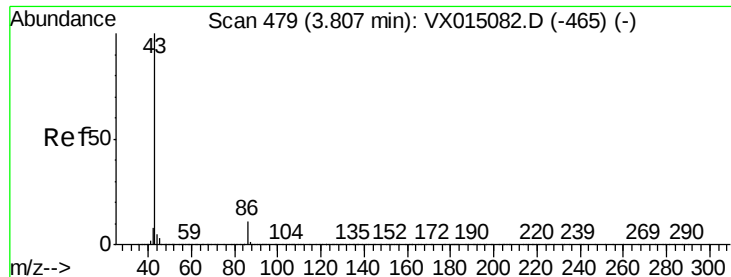
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	45	Resp:	195545
Ion	Ratio	Lower	Upper
45	100		
43	68.1	58.2	87.2
87	26.2	21.2	31.8
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 93.601 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 43 Resp: 800229

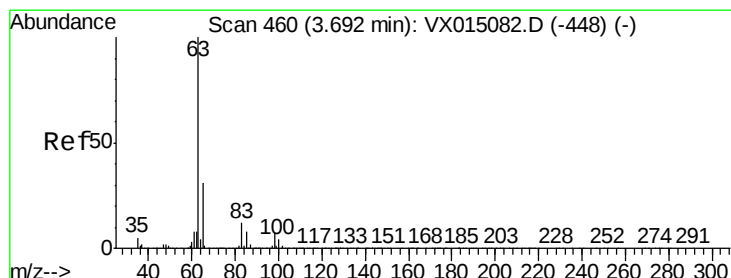
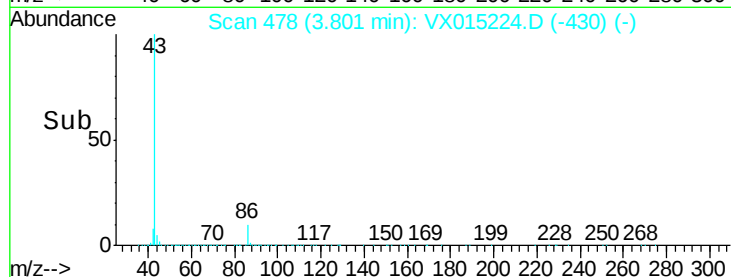
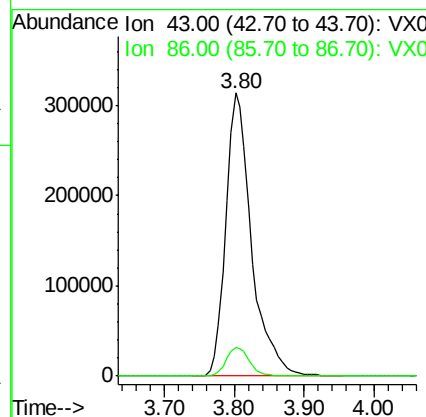
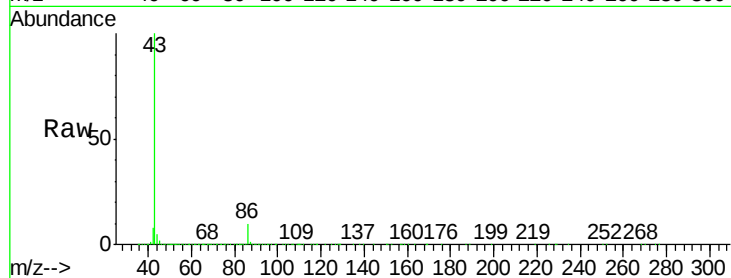
Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 17.763 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

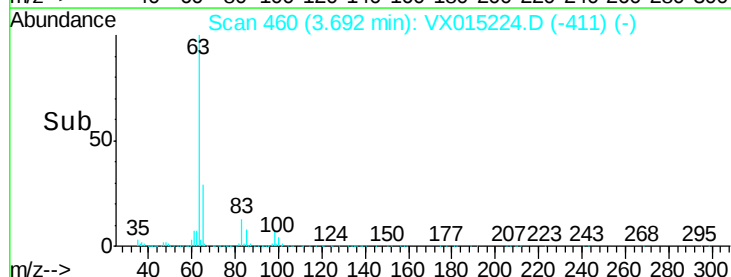
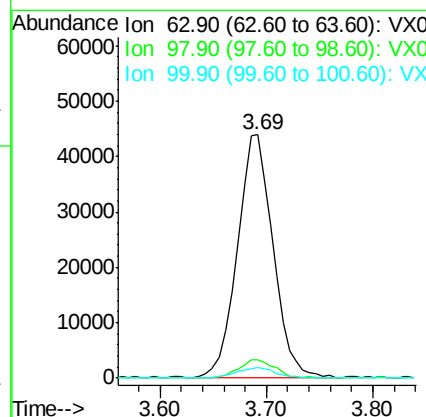
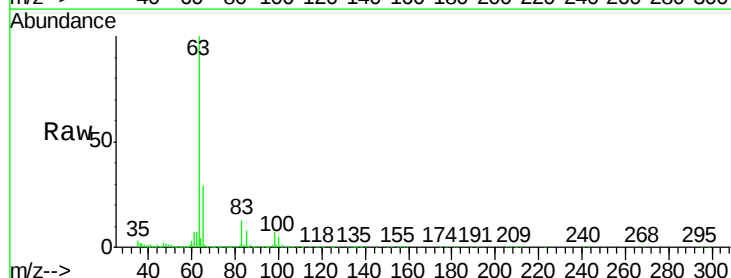
Tgt Ion: 63 Resp: 102536

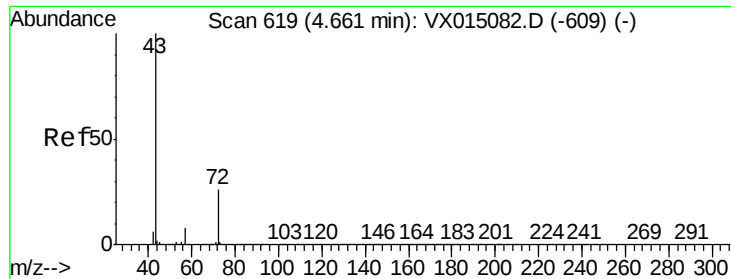
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 93.989 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 43 Resp: 203677

Ion Ratio Lower Upper

43 100

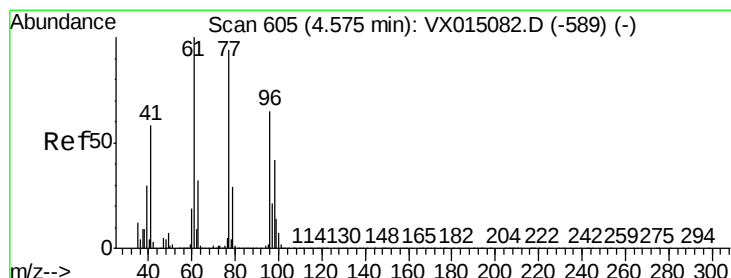
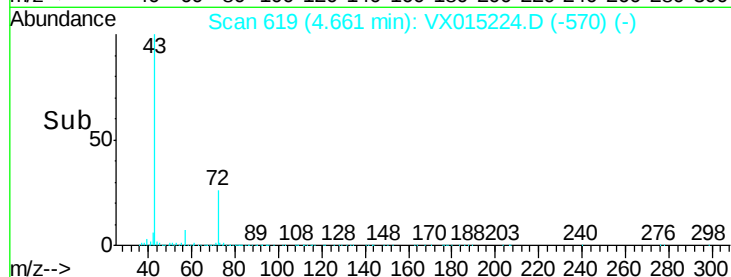
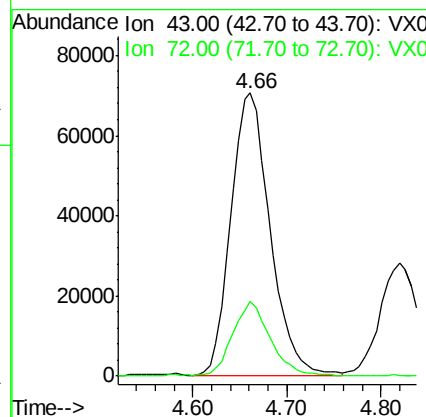
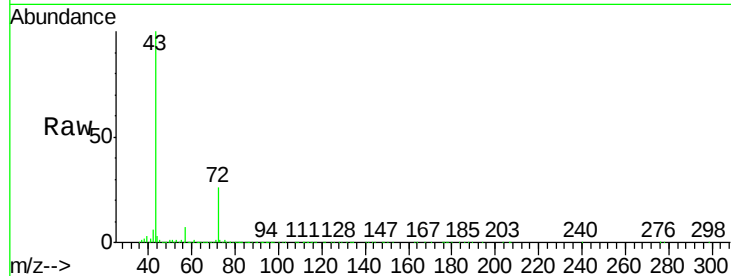
72 26.1 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.306 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015224.D

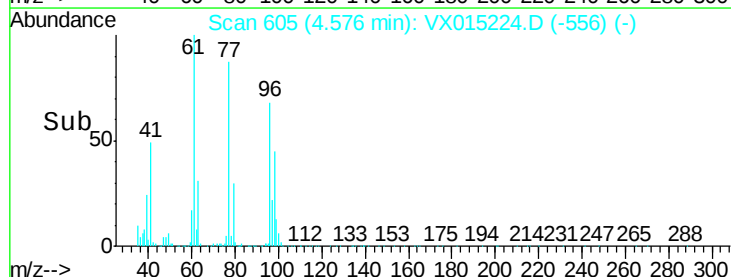
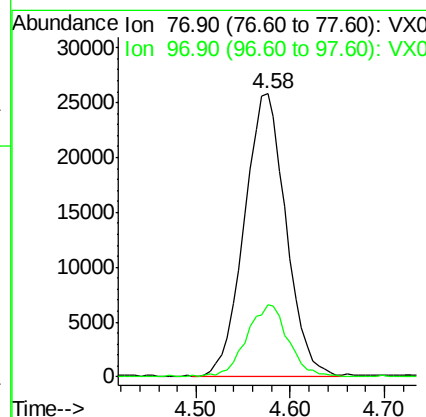
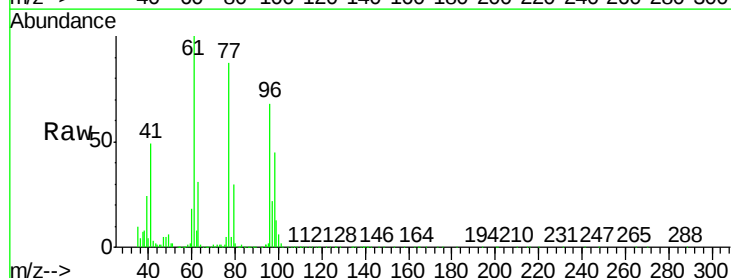
Acq: 12 Mar 2020 10:02

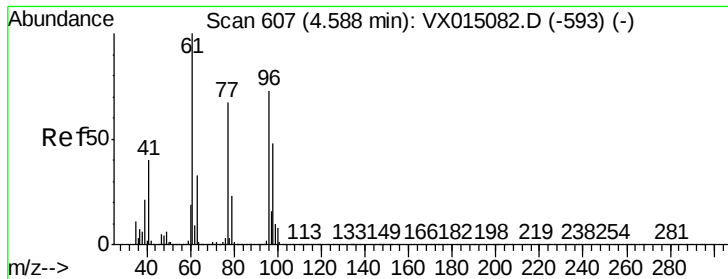
Tgt Ion: 77 Resp: 79303

Ion Ratio Lower Upper

77 100

97 25.8 11.8 35.4





#27

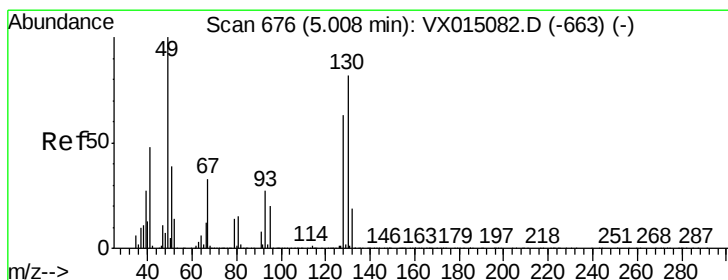
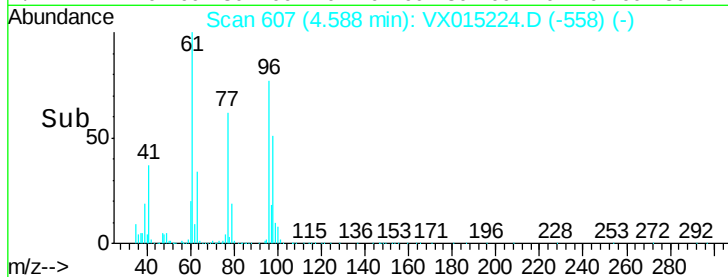
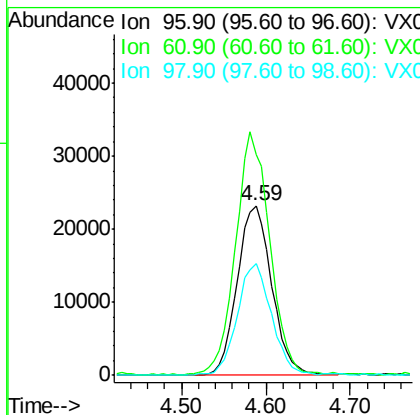
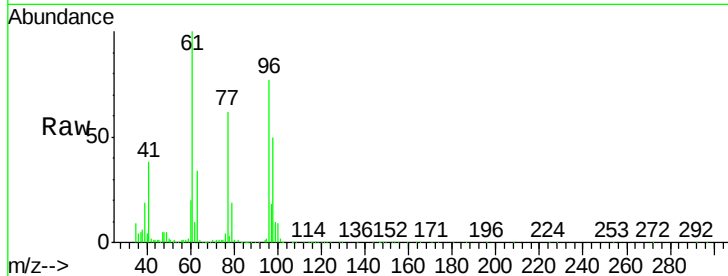
cis-1,2-Dichloroethene
Concen: 17.964 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	64425		
61	141.1	0.0	286.8	
98	64.9	0.0	128.4	

Manual Integrations
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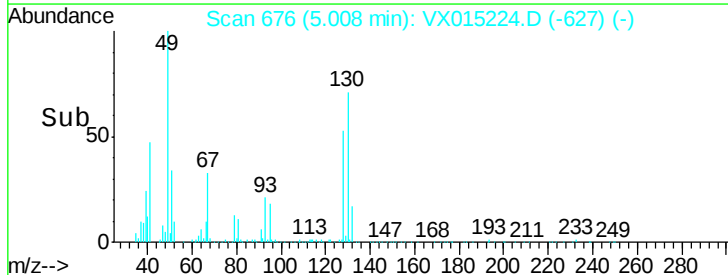
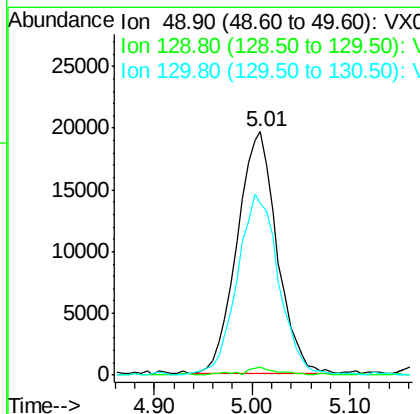
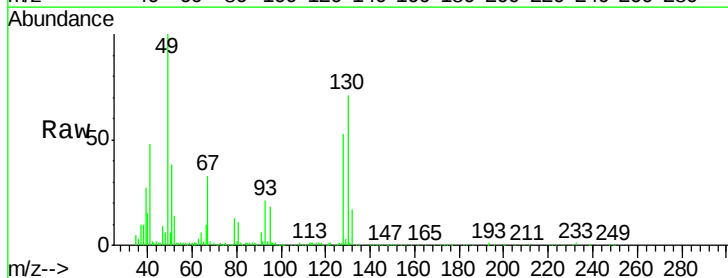
MMDadoda
3/16/2020 11:43:29 AM

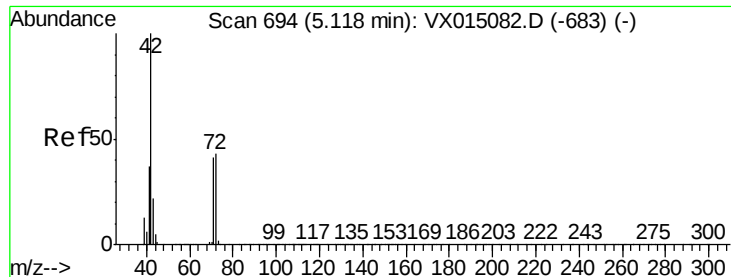


#28

Bromochloromethane
Concen: 20.941 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55044		
129	2.2	0.0	4.4	
130	77.3	65.0	97.6	





#29

Tetrahydrofuran

Concen: 98.688 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

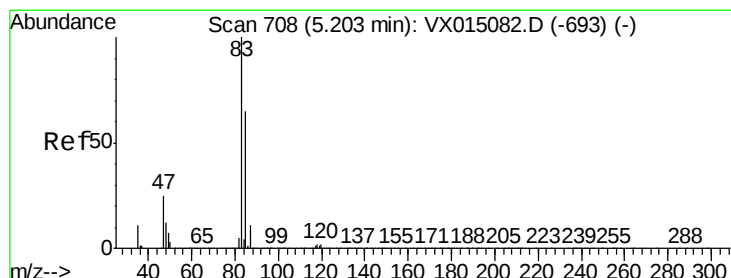
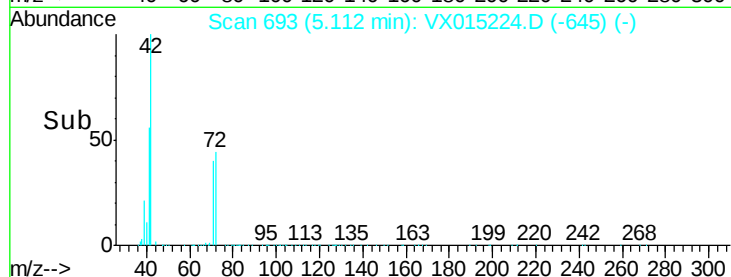
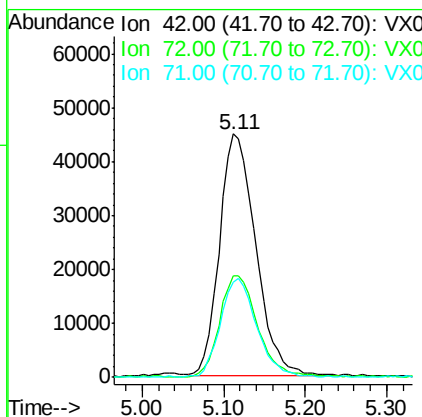
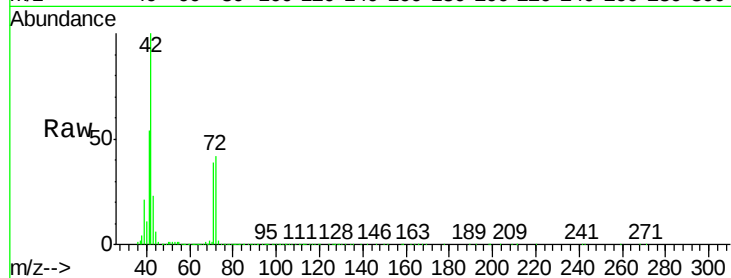
ClientSampleId :

VX0312WBS01

Tot Ion:	42	Resp:	137857
Ion Ratio		Lower	Upper
42	100		
72	43.8	36.4	54.6
71	41.3	33.3	49.9

Manual Integrations
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3/16/2020 11:43:29 AM



#30

Chloroform

Concen: 18.908 ug/l

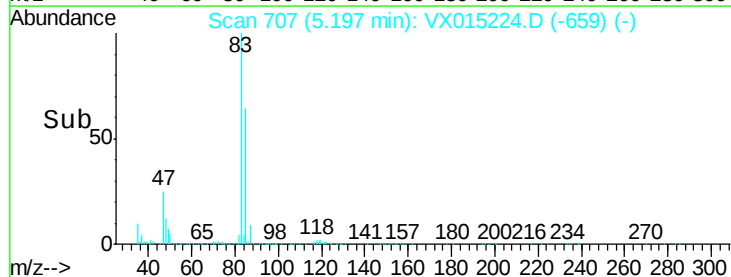
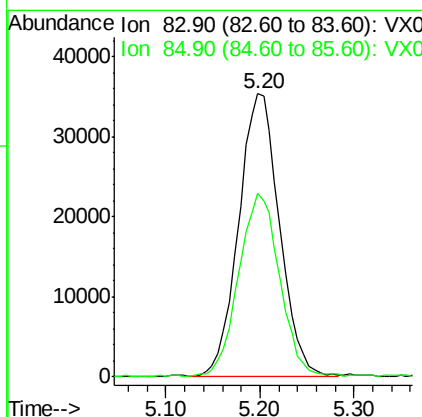
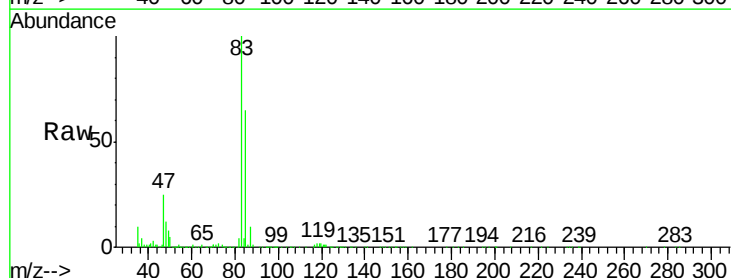
RT: 5.20 min Scan# 707

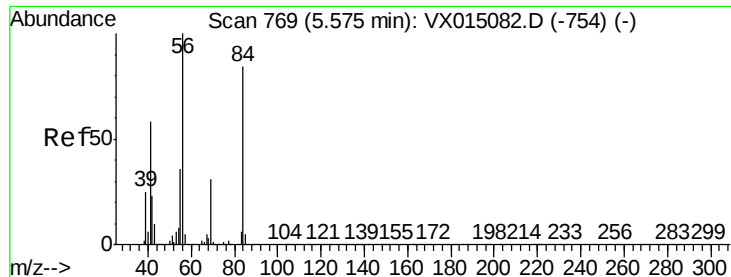
Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	83	Resp:	106378
Ion Ratio		Lower	Upper
83	100		
85	65.1	52.0	78.0





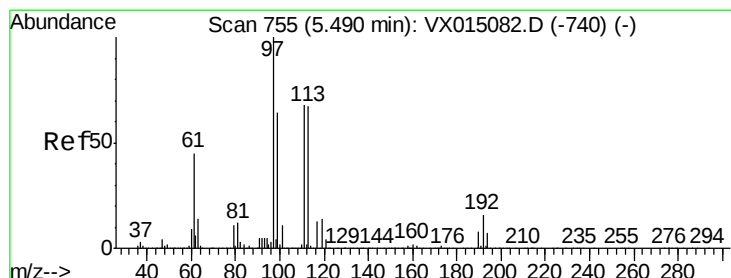
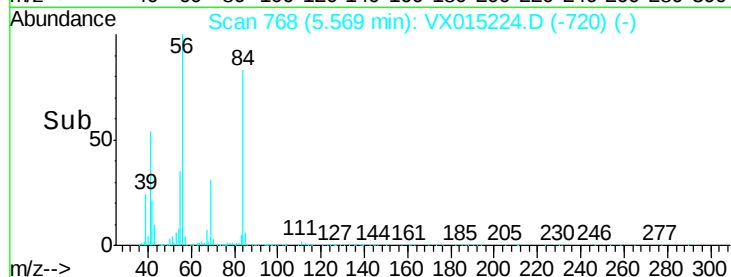
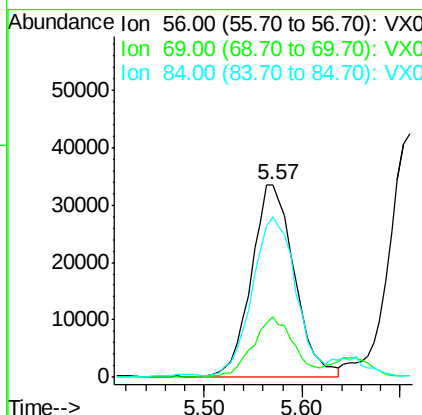
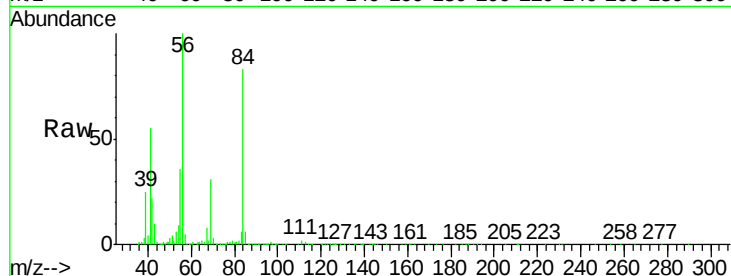
#31
Cvclohexane
Concen: 19.707 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.4	25.0	37.6	
84	81.7	67.6	101.4	

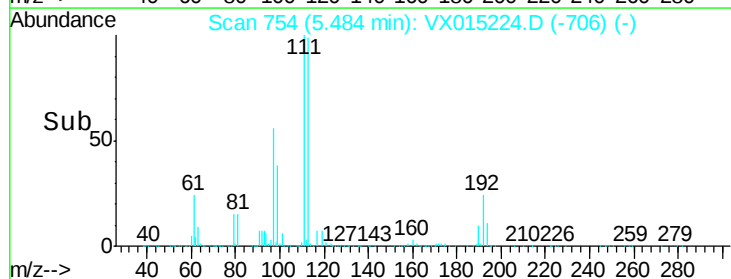
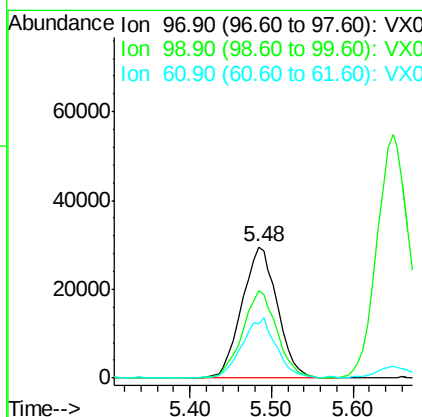
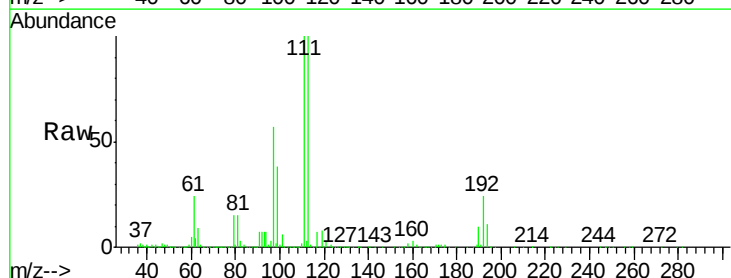
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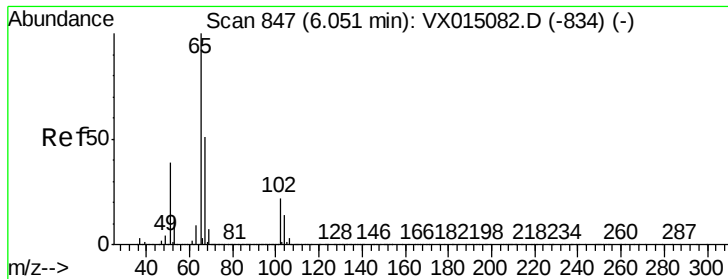
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#32
1,1,1-Trichloroethane
Concen: 19.185 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	52.8	79.2	
61	44.9	36.6	54.8	





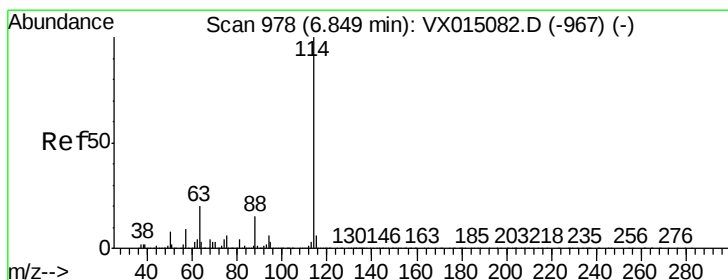
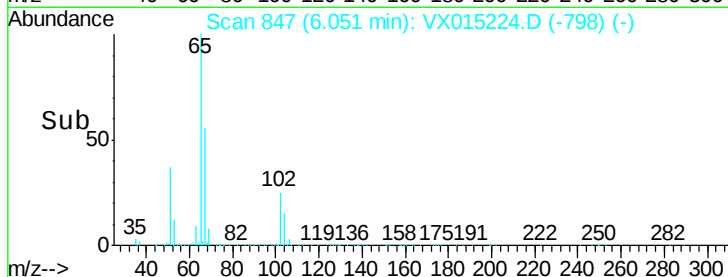
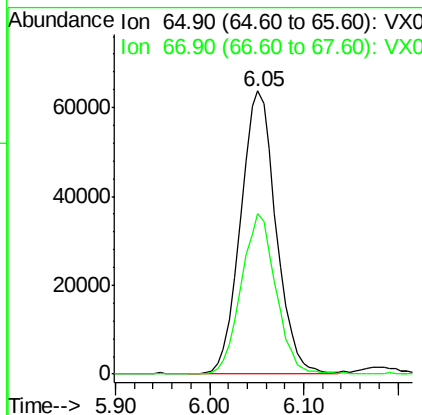
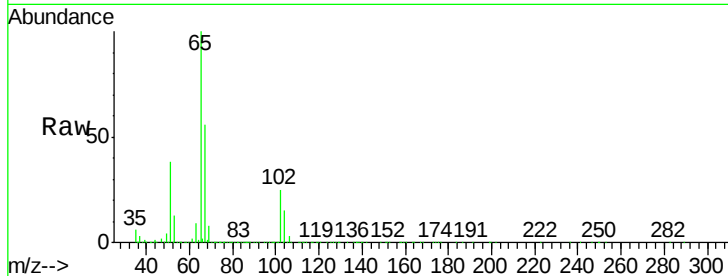
#33
 1,2-Dichloroethane-d4
 Concen: 45.656 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	105.6

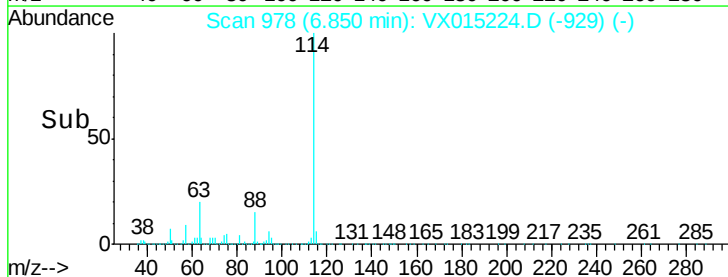
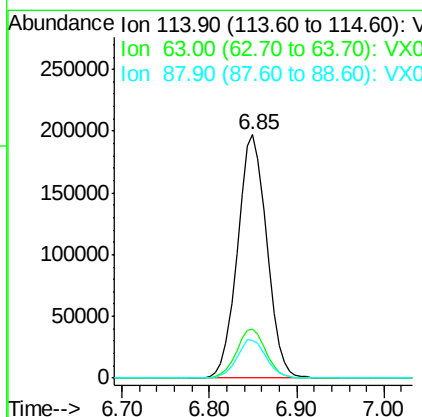
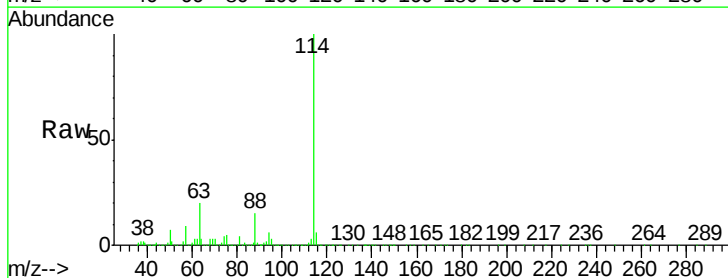
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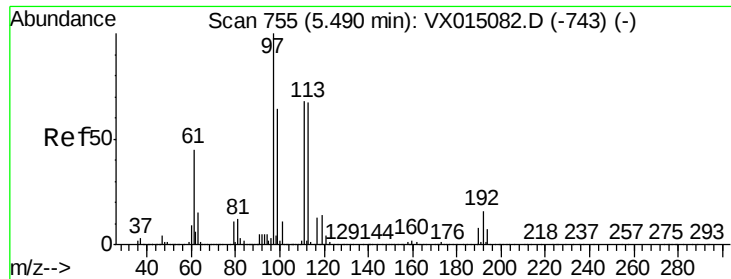
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 3/16/2020 11:43:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.2	0.0	30.6





#35

Dibromofluoromethane

Concen: 50.017 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

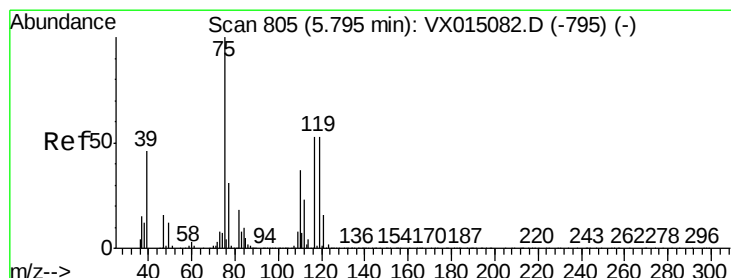
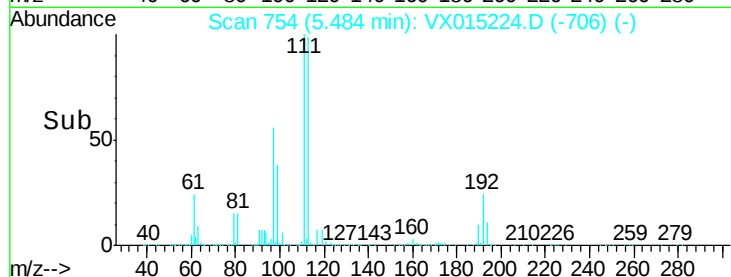
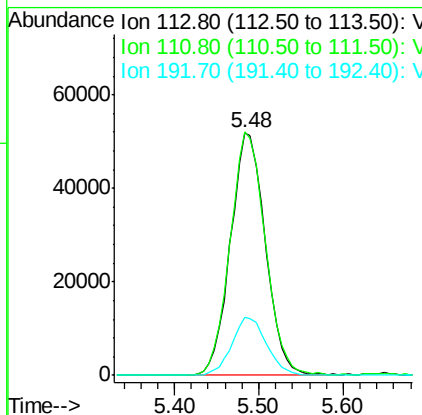
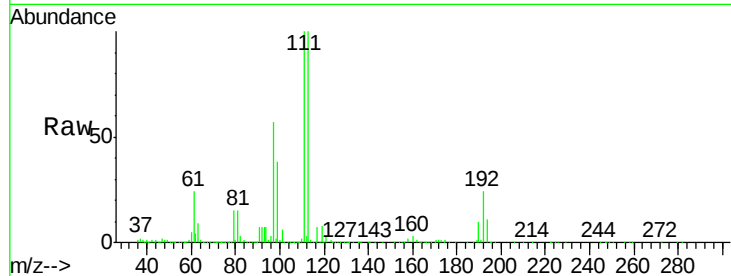
ClientSampleId :

VX0312WBS01

Tot Ion:	113	Resp:	144791
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.6	123.8
192	23.9	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.883 ug/l

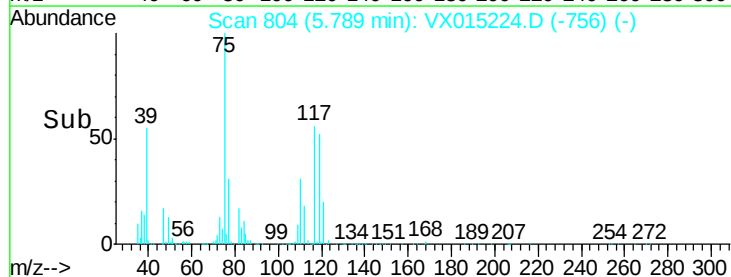
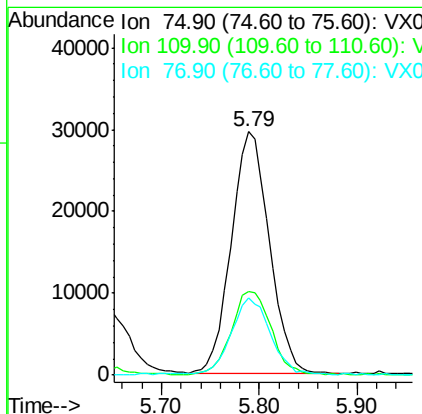
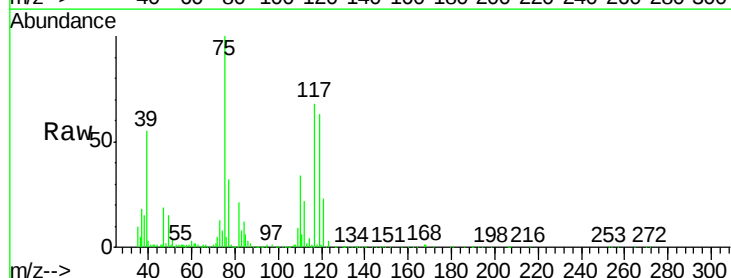
RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	75	Resp:	80103
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.9	53.8
77	31.8	24.8	37.2





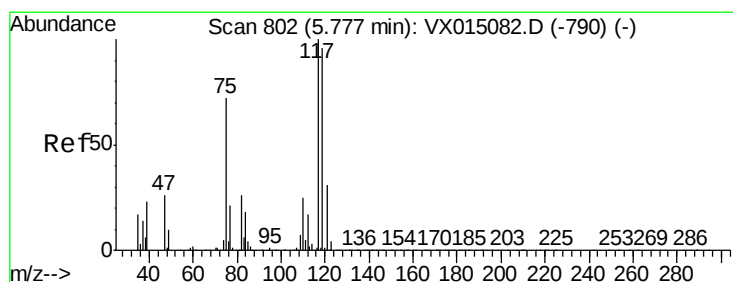
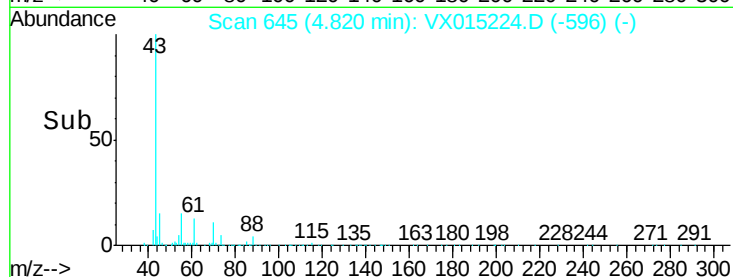
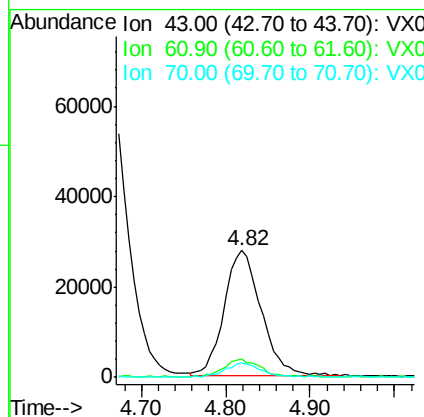
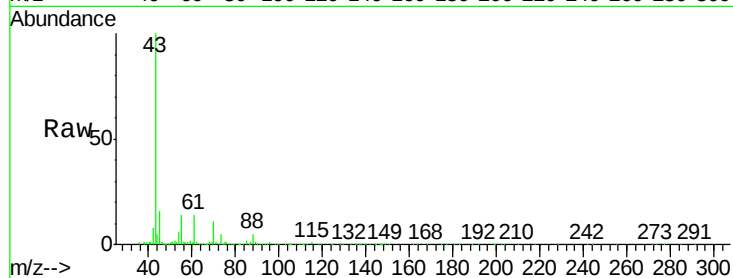
#37
Ethyl Acetate
Concen: 21.247 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion:	43	Resp:	83605
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.0	16.4
70	11.3	8.1	12.1

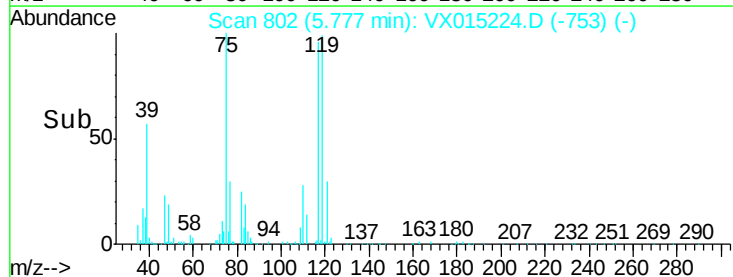
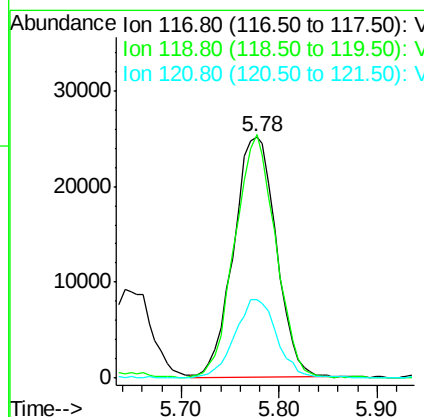
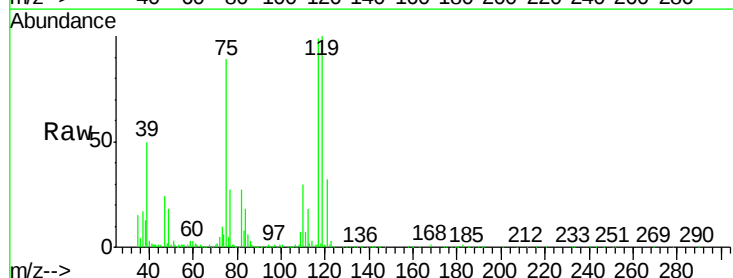
Manual Integrations
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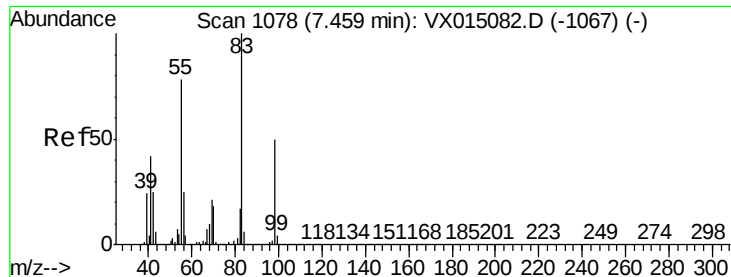
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.833 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion:	117	Resp:	75409
Ion Ratio	Lower	Upper	
117	100		
119	101.2	76.9	115.3
121	32.0	24.6	37.0





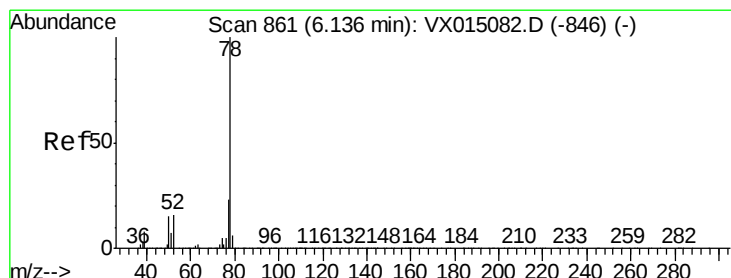
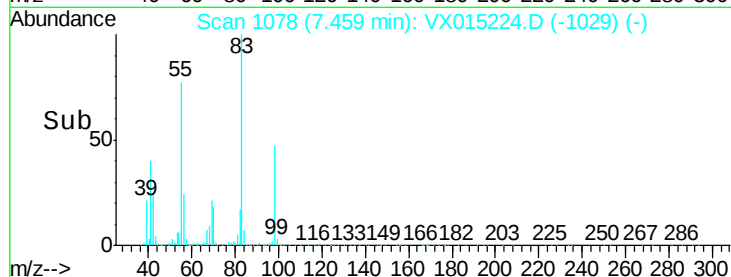
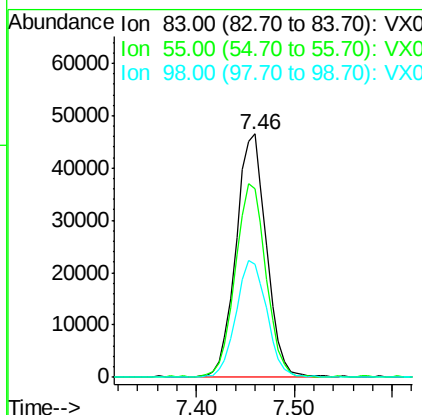
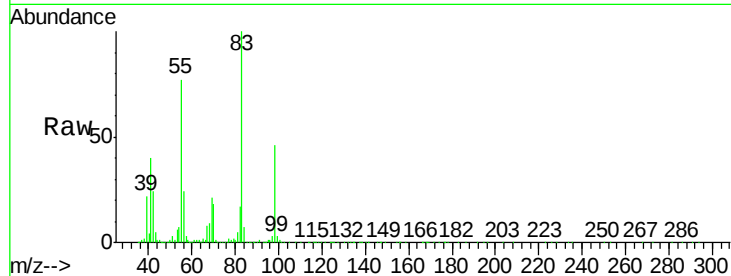
#39
Methvlcvclohexane
Concen: 20.097 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.4	93.6
98	46.6	39.7	59.5

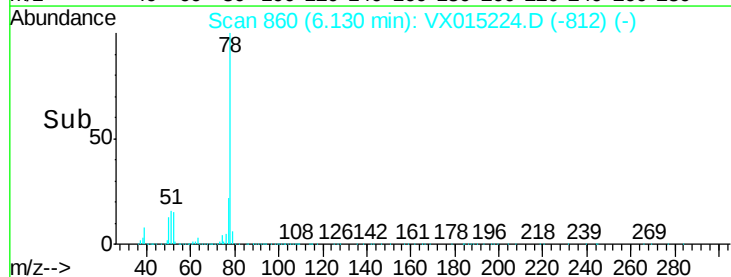
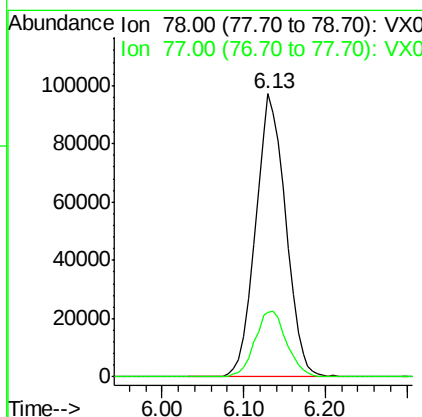
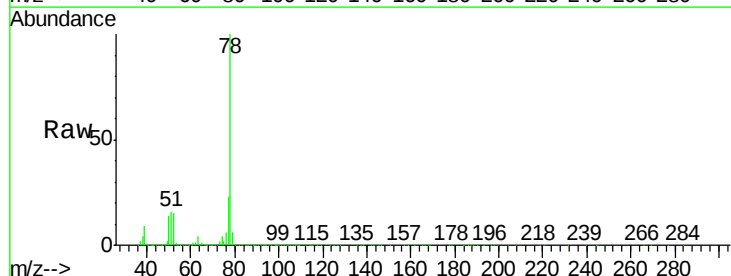
Manual Integrations
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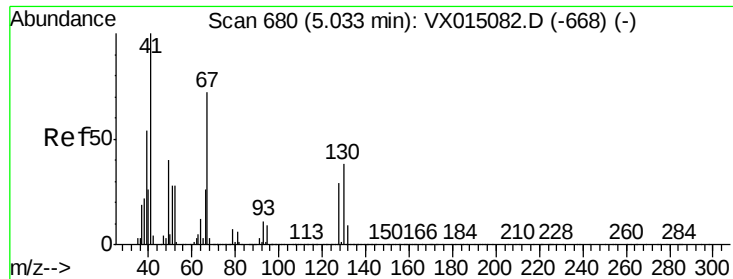
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3/16/2020 11:43:29 AM



#40
Benzene
Concen: 19.870 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0





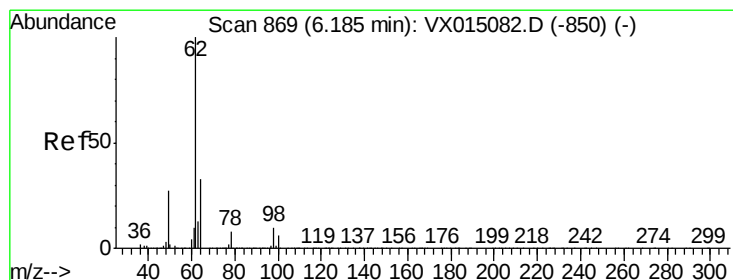
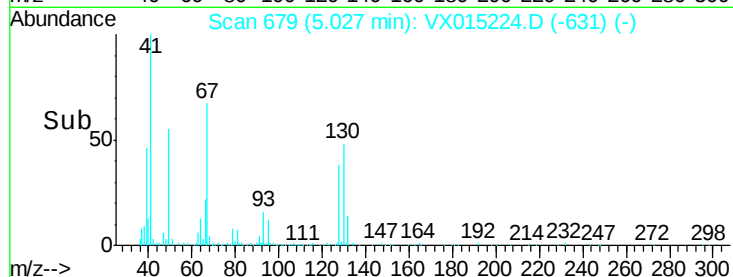
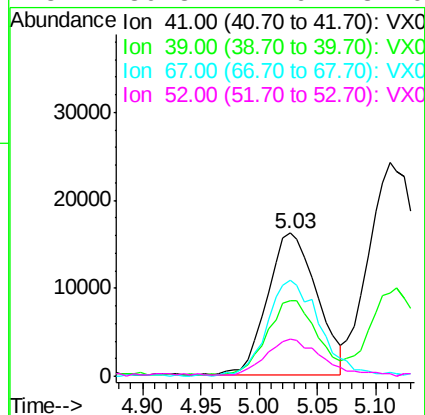
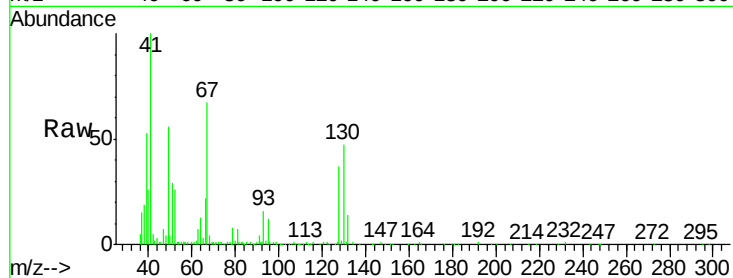
#41
Methacrylonitrile
Concen: 20.127 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	43.9	65.9	
67	73.5	57.8	86.8	
52	30.3	22.6	34.0	

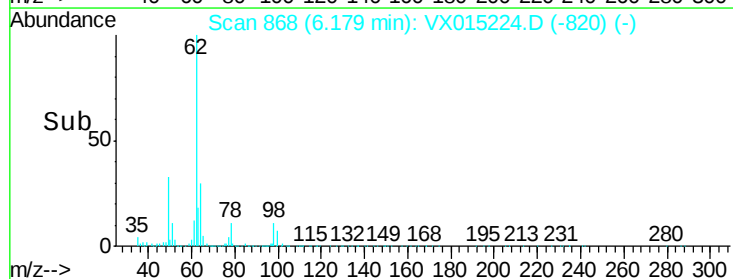
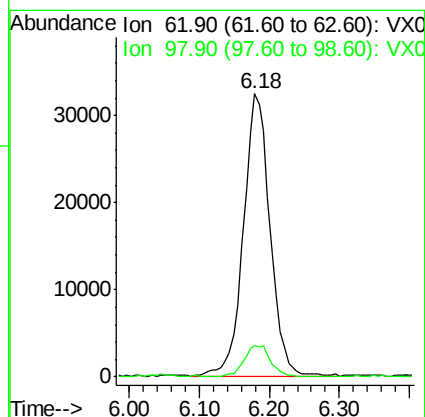
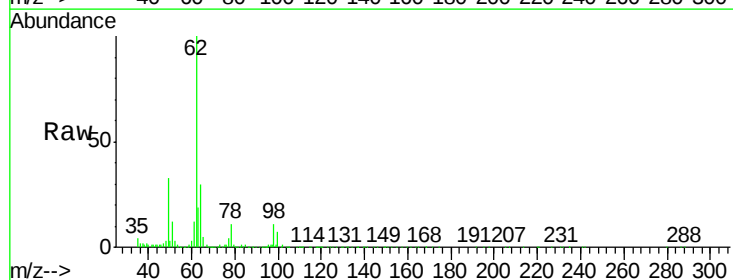
Manual Integrations
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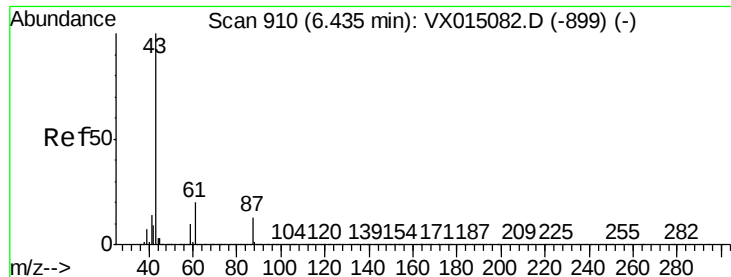
MMDadoda
3/16/2020 11:43:29 AM



#42
1,2-Dichloroethane
Concen: 20.054 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.4	0.0	20.6	





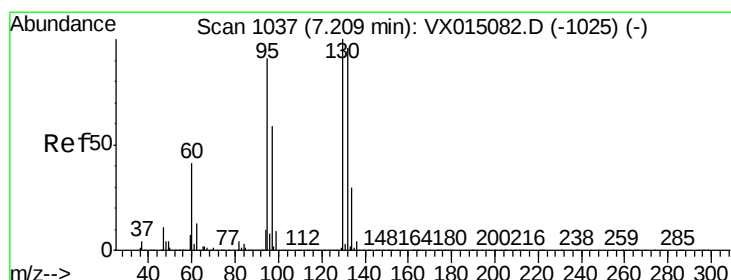
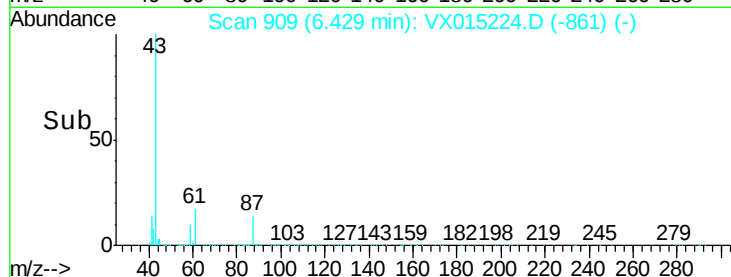
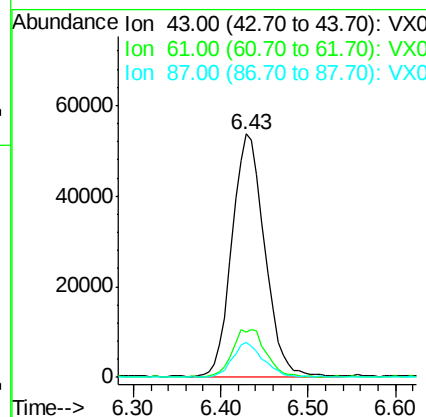
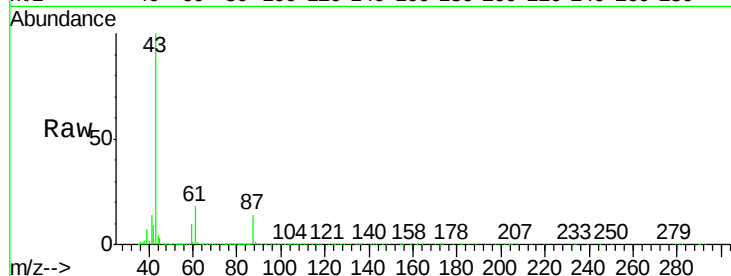
#43
Isopropyl Acetate
Concen: 20.037 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	13.1	10.6	16.0

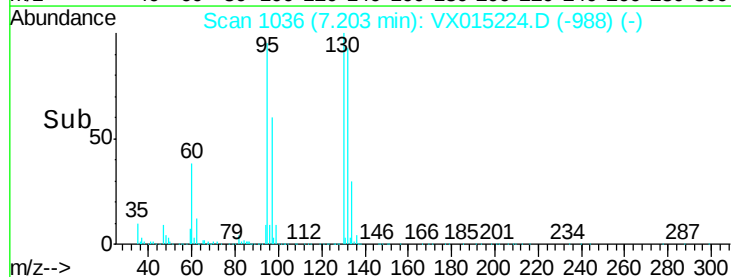
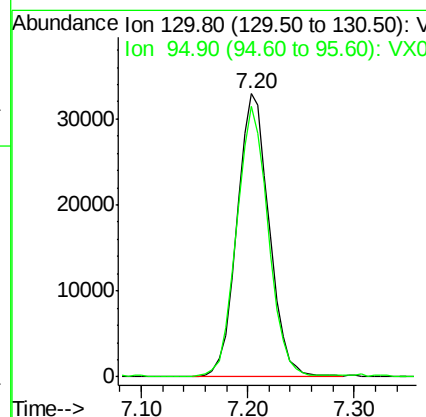
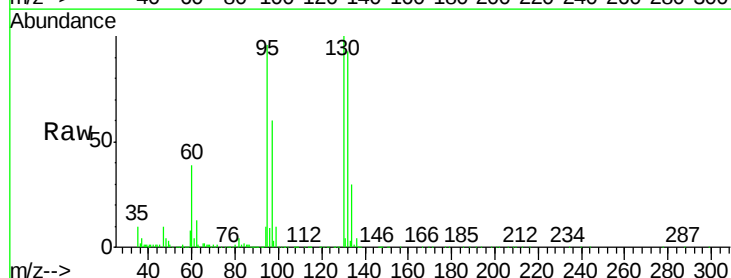
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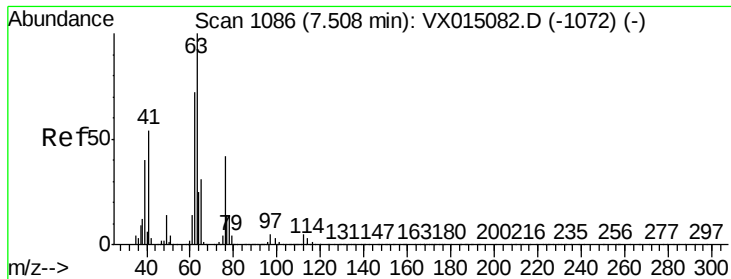
MMDadoda
3/16/2020 11:43:29 AM



#44
Trichloroethene
Concen: 19.935 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	181.2





#45

1,2-Dichloropropane

Concen: 20.676 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 63 Resp: 67354

Ion Ratio Lower Upper

63 100

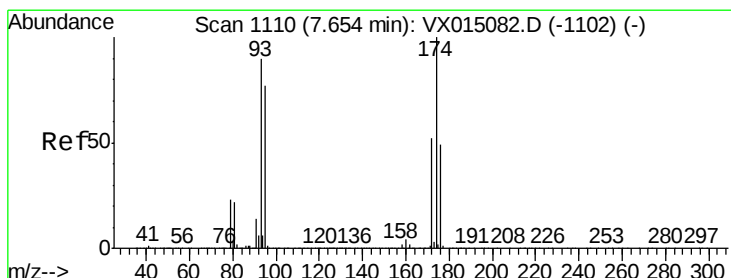
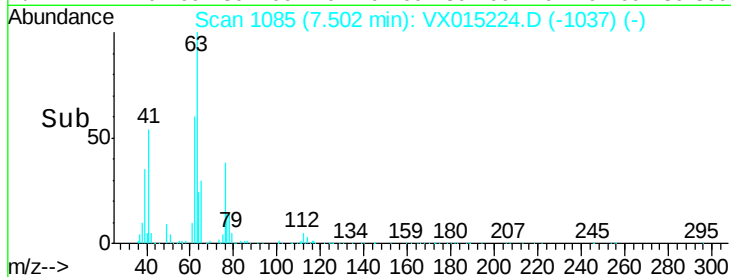
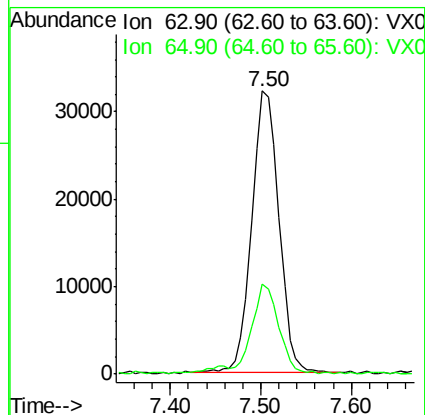
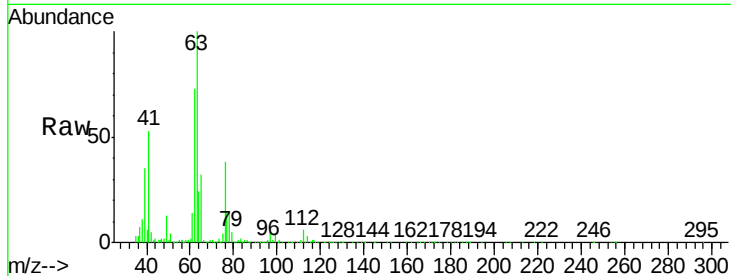
65 31.4 24.6 36.8

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#46

Dibromomethane

Concen: 20.060 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

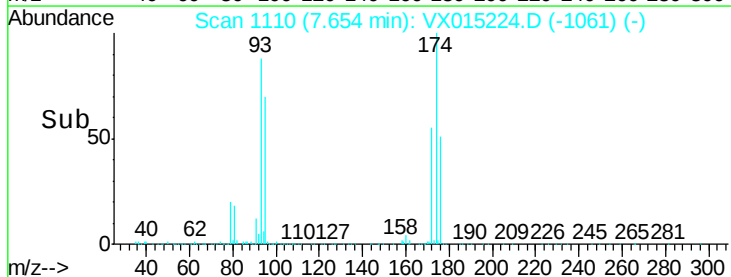
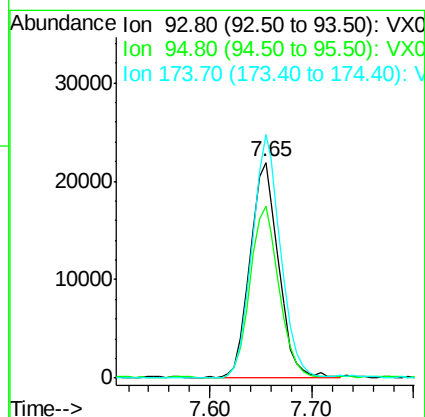
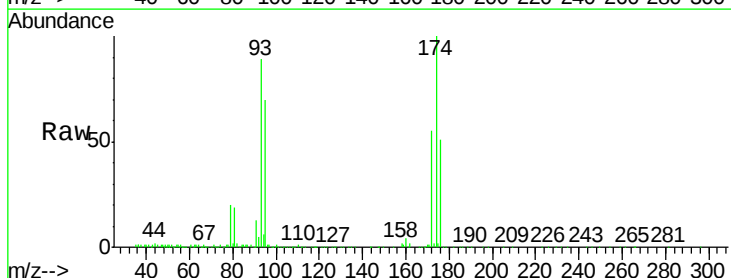
Tgt Ion: 93 Resp: 42580

Ion Ratio Lower Upper

93 100

95 81.3 67.8 101.8

174 112.4 91.0 136.4





#47

Bromodichloromethane

Concen: 19.443 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

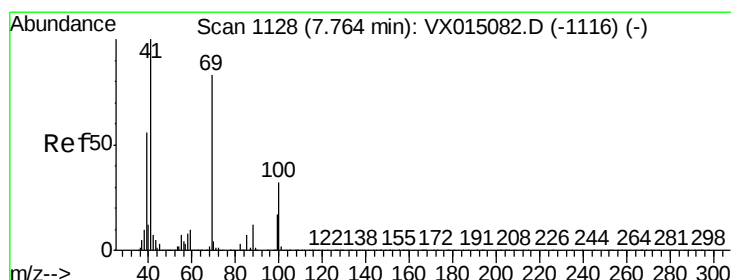
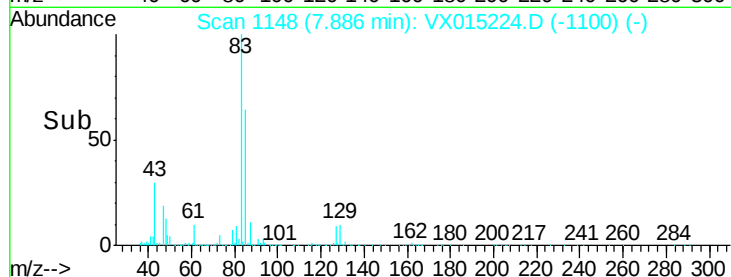
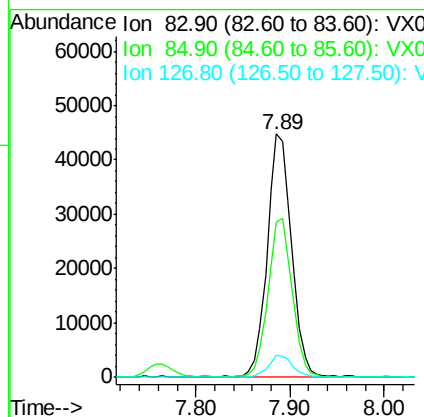
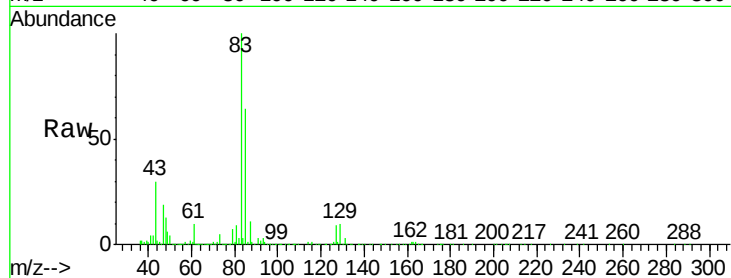
ClientSampleId :

VX0312WBS01

Tot Ion:	83	Resp:	81611
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.6	75.8
127	8.8	7.1	10.7

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#48

Methyl methacrylate

Concen: 19.536 ug/l

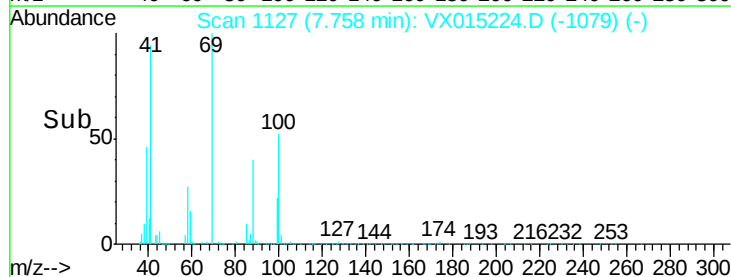
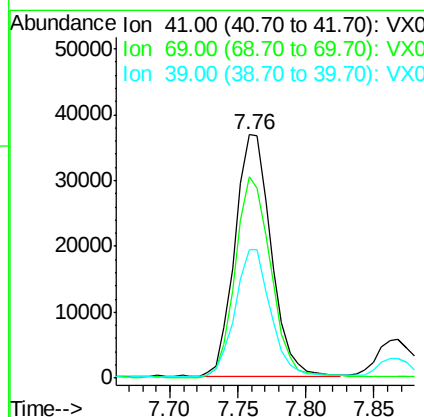
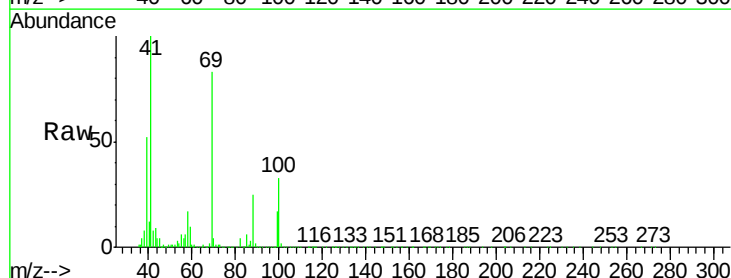
RT: 7.76 min Scan# 1127

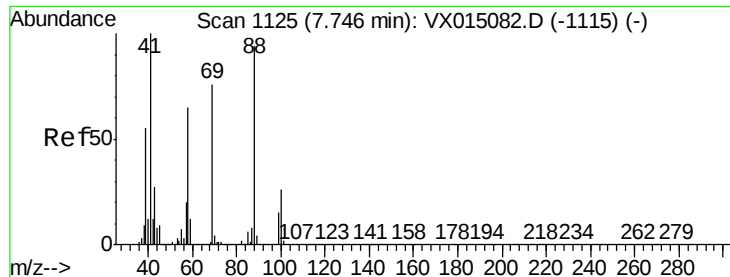
Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	41	Resp:	68830
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.4	98.2
39	52.1	44.6	67.0





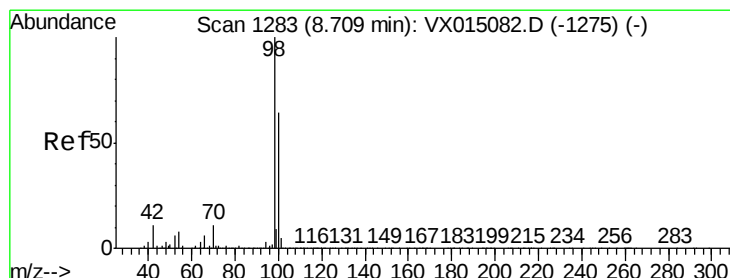
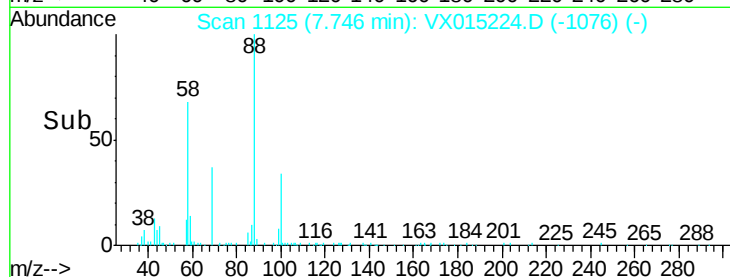
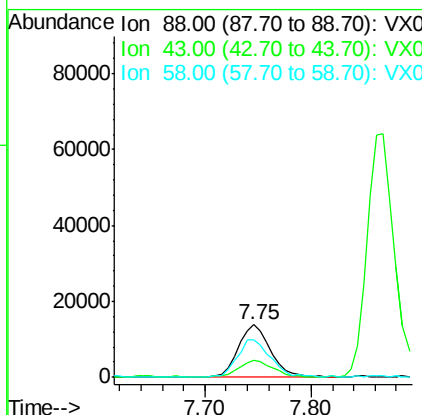
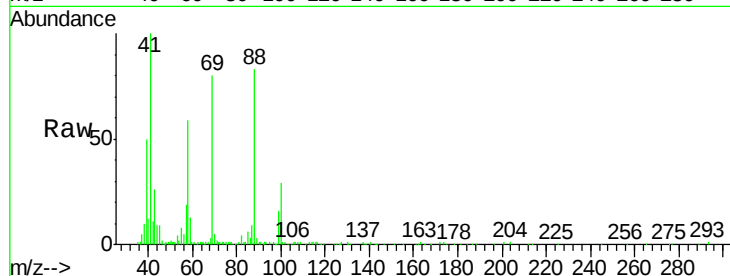
#49
1,4-Dioxane
Concen: 384.407 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	27.0	40.4
58	76.5	55.6	83.4

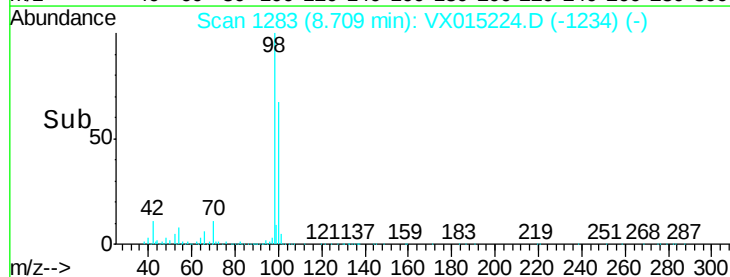
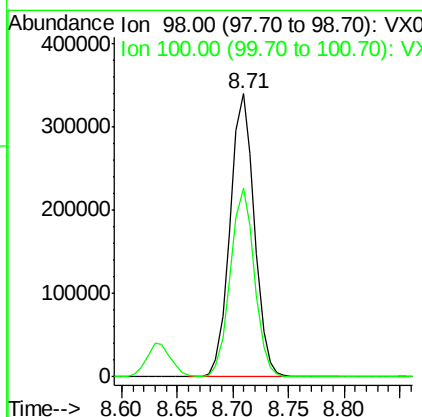
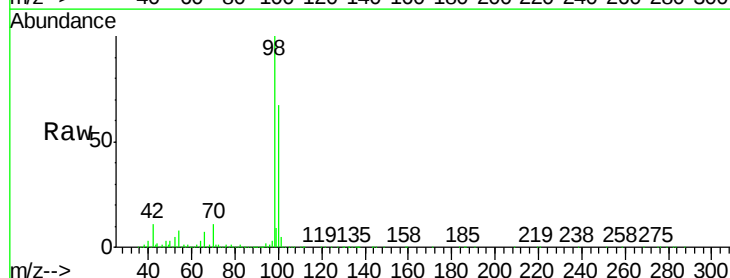
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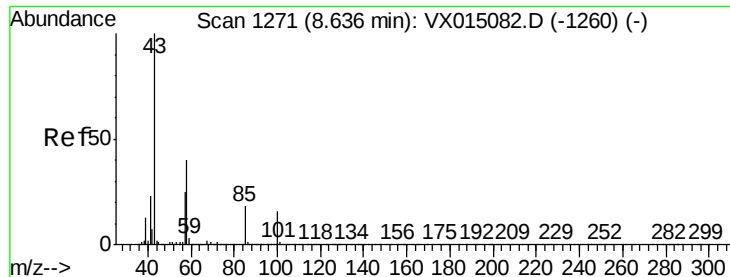
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#50
Toluene-d8
Concen: 46.696 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 96.827 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 43 Resp: 396296

Ion Ratio Lower Upper

43 100

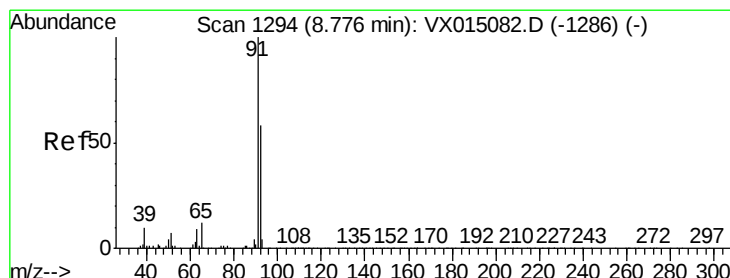
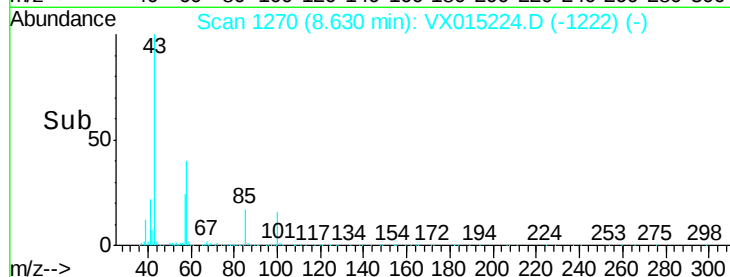
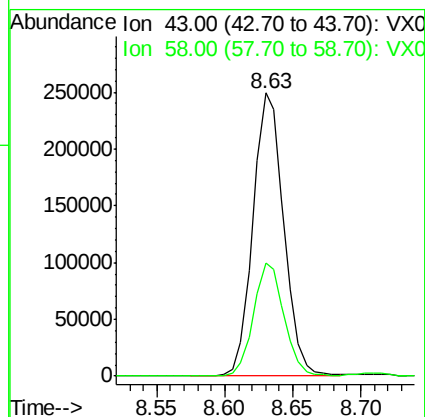
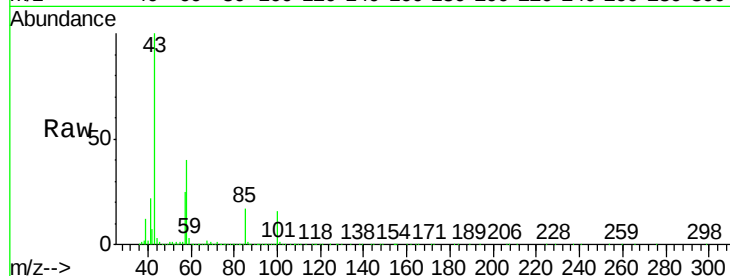
58 39.5 31.6 47.4

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#52

Toluene

Concen: 19.020 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015224.D

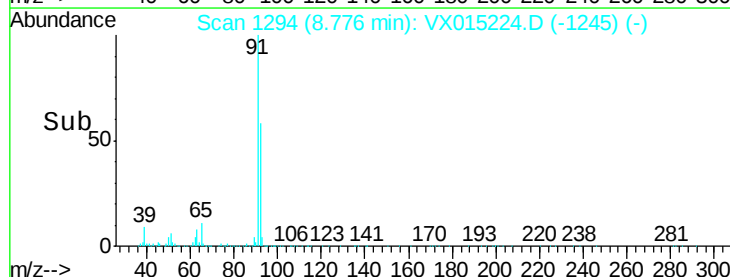
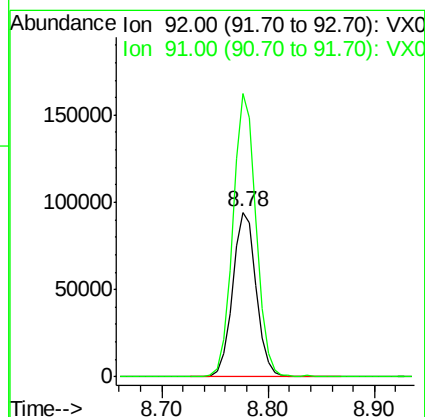
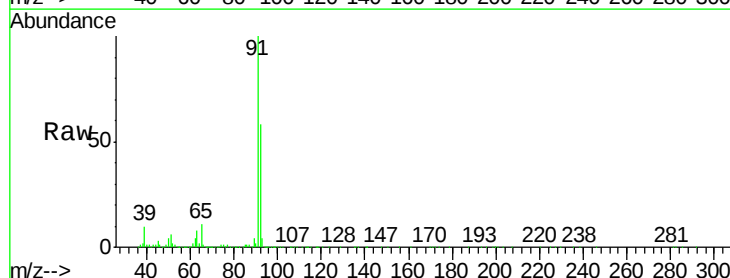
Acq: 12 Mar 2020 10:02

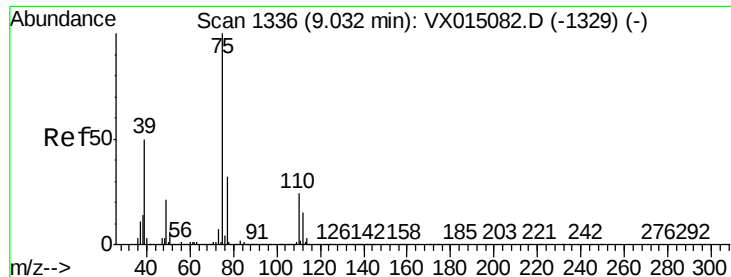
Tgt Ion: 92 Resp: 146358

Ion Ratio Lower Upper

92 100

91 167.9 136.9 205.3





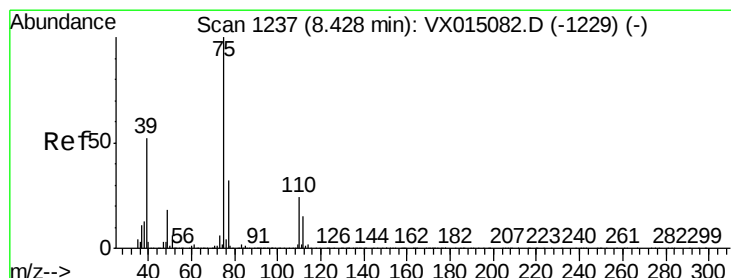
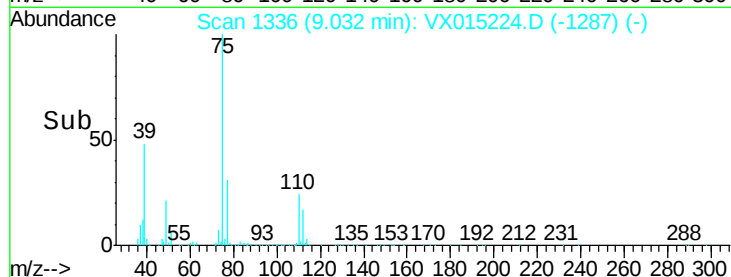
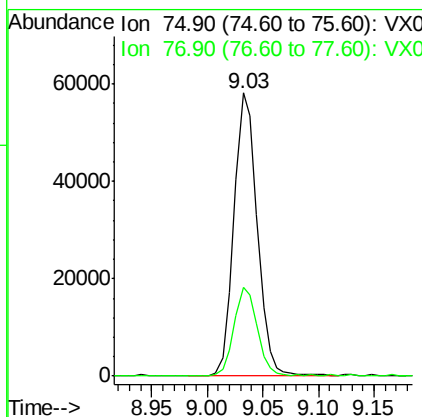
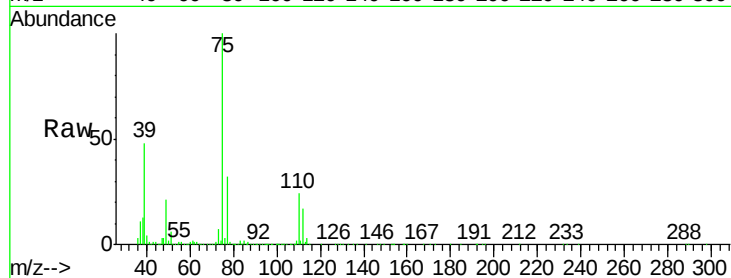
#53
t-1,3-Dichloropropene
Concen: 18.919 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

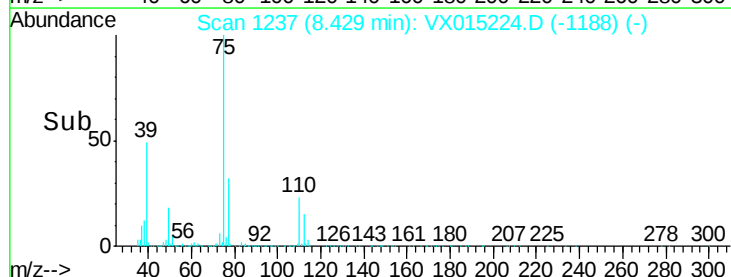
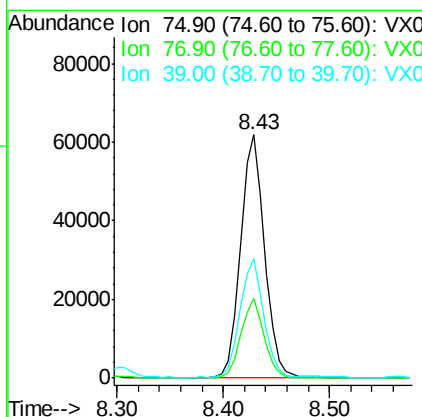
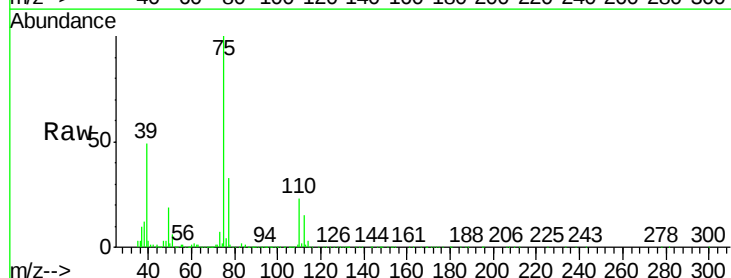
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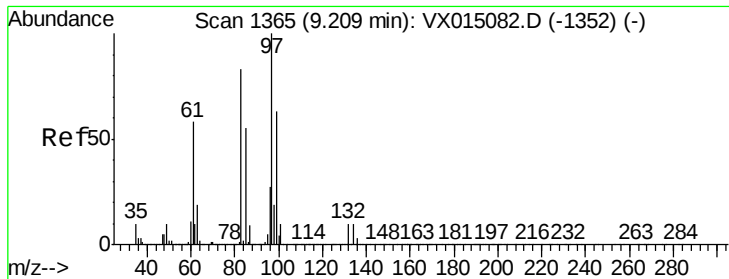
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.289 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.8	38.6
39	48.6	41.3	61.9





#55

1,1,2-Trichloroethane

Concen: 18.443 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

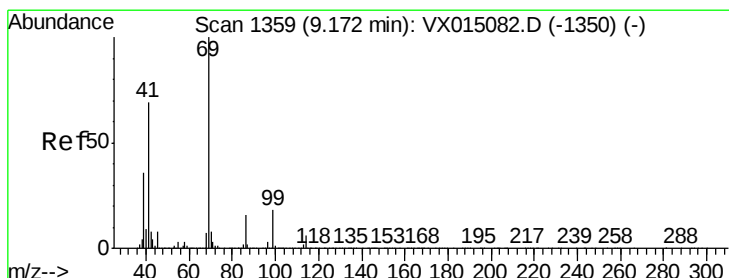
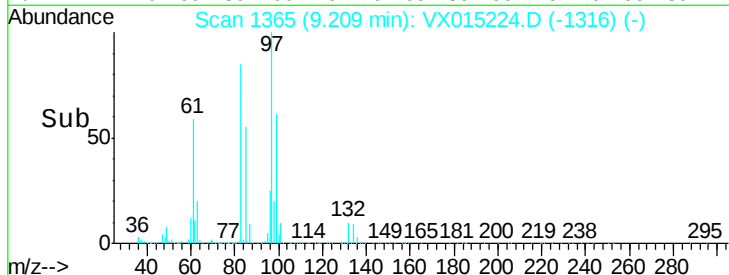
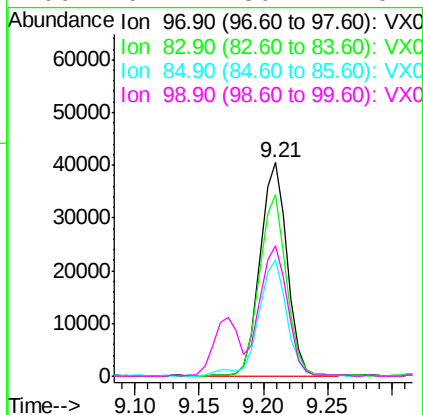
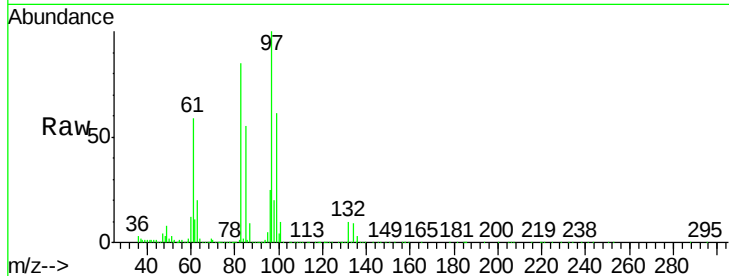
ClientSampleId :

VX0312WBS01

Tot Ion:	97	Resp:	58413
Ion Ratio	Lower	Upper	
97	100		
83	84.8	66.4	99.6
85	54.6	43.5	65.3
99	61.1	50.7	76.1

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#56

Ethyl methacrylate

Concen: 19.622 ug/l

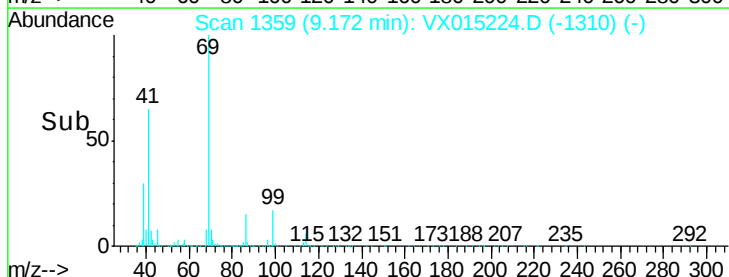
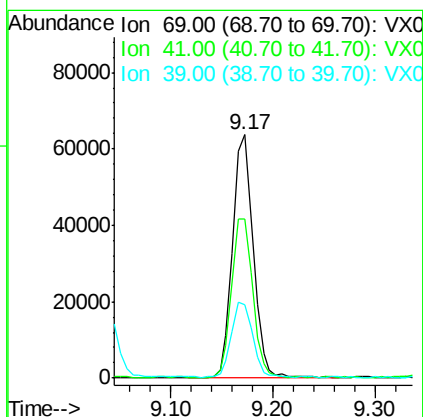
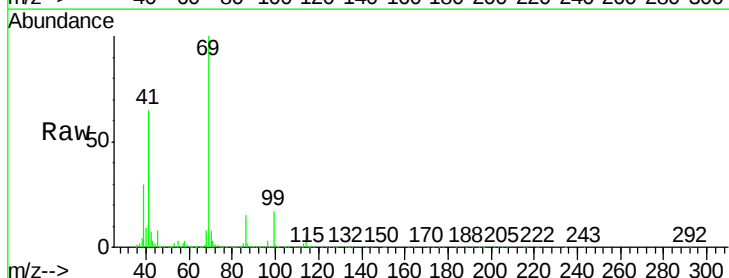
RT: 9.17 min Scan# 1359

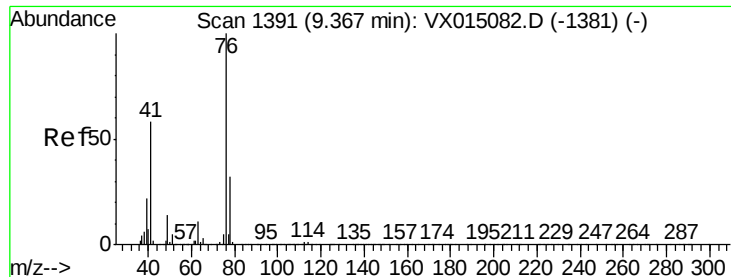
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	69	Resp:	88646
Ion Ratio	Lower	Upper	
69	100		
41	66.6	55.8	83.8
39	32.0	29.4	44.2





#57

1,3-Dichloropropane

Concen: 18.970 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 76 Resp: 101085

Ion Ratio Lower Upper

76 100

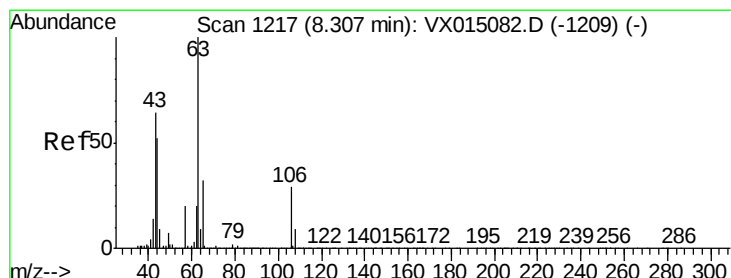
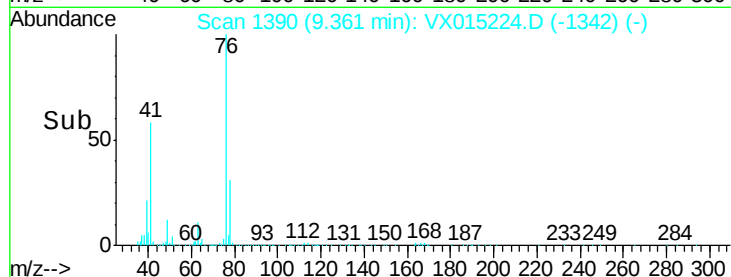
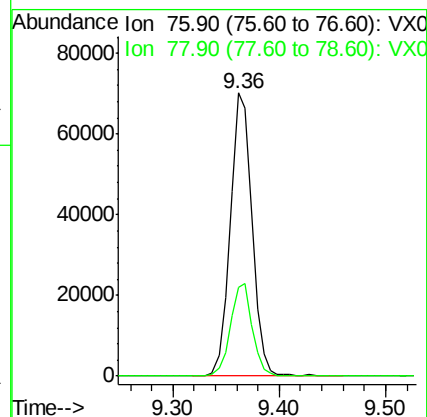
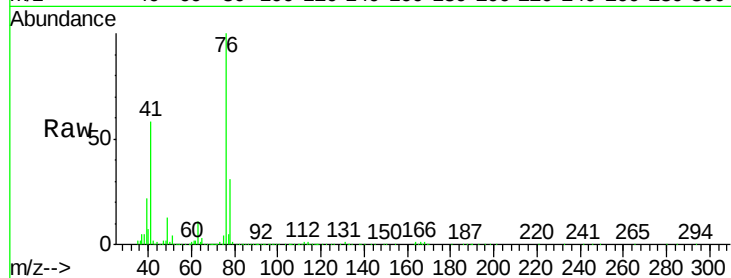
78 32.8 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 95.141 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015224.D

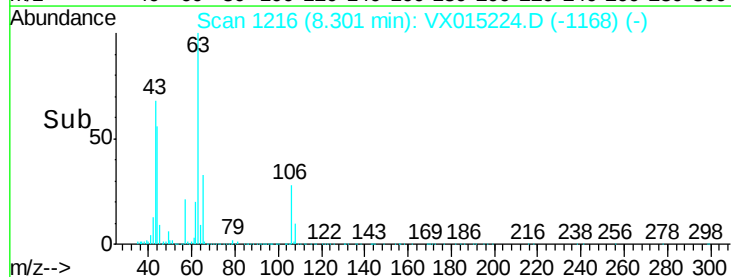
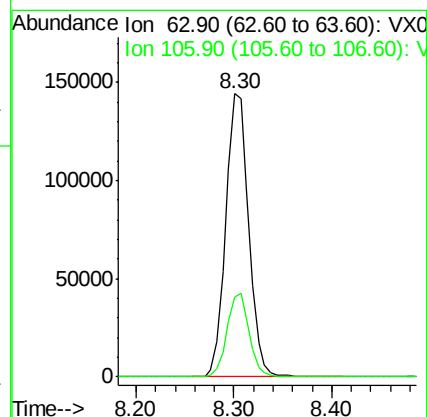
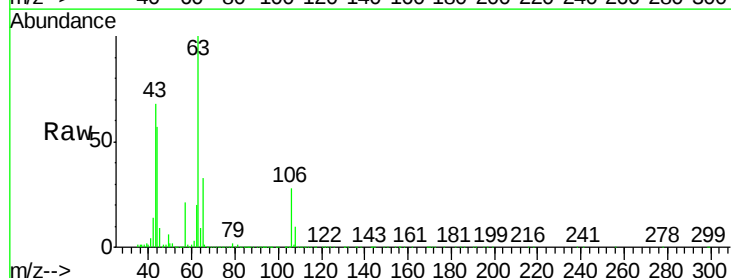
Acq: 12 Mar 2020 10:02

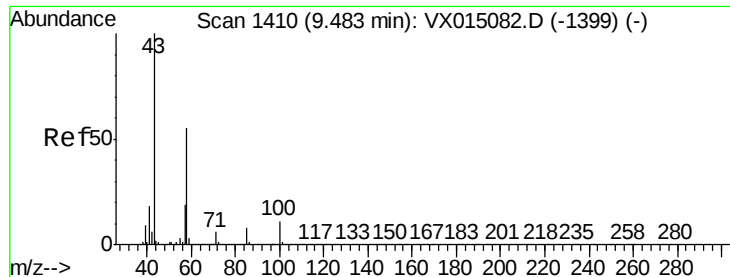
Tgt Ion: 63 Resp: 234156

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2





#59

2-Hexanone

Concen: 97.432 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 43 Resp: 295564

Ion Ratio Lower Upper

43 100

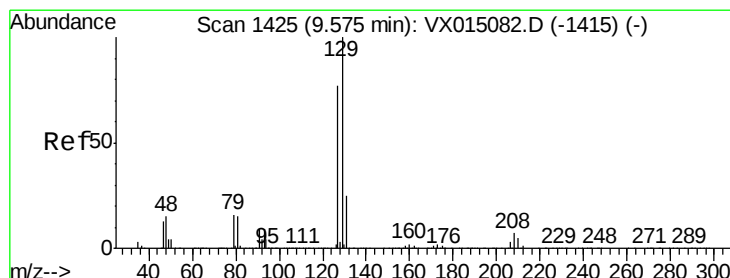
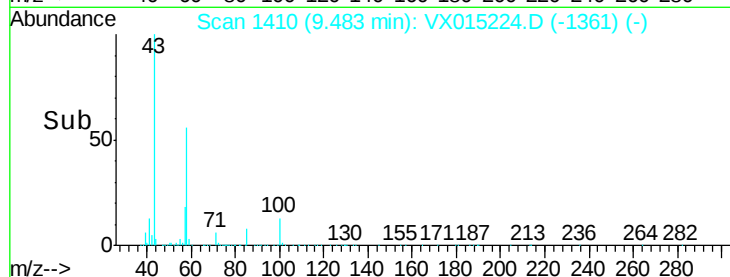
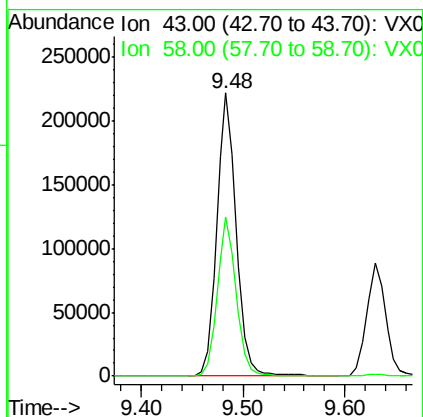
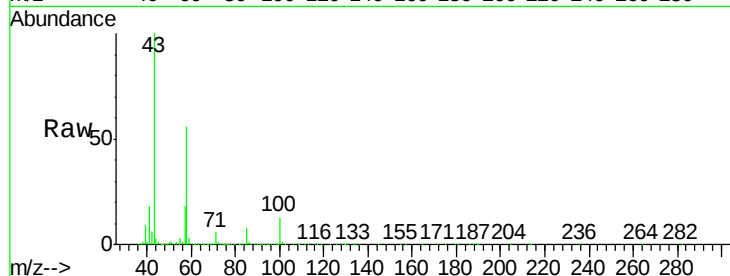
58 54.7 27.3 81.8

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#60

Dibromochloromethane

Concen: 18.787 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015224.D

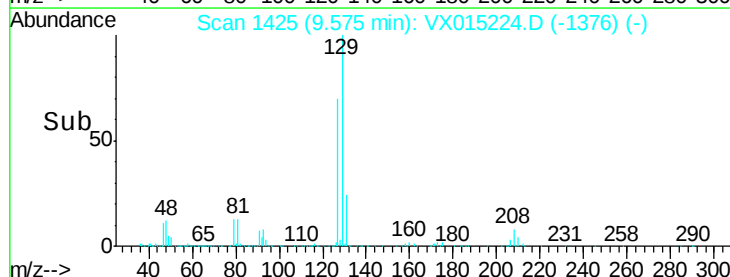
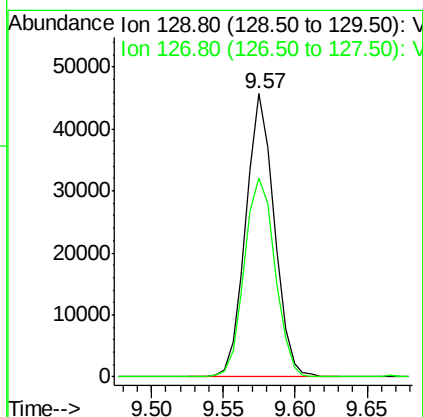
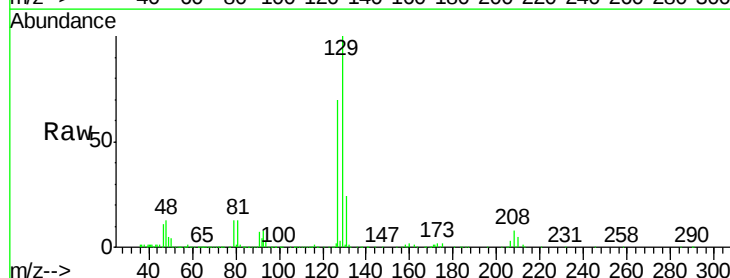
Acq: 12 Mar 2020 10:02

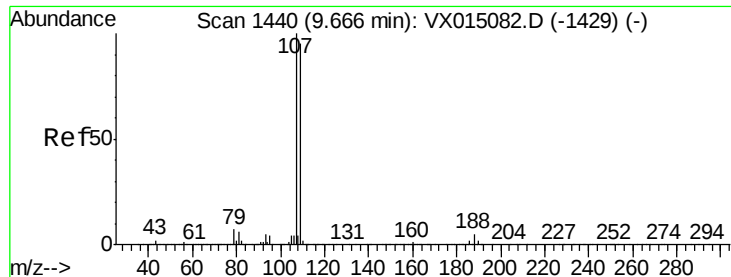
Tgt Ion: 129 Resp: 62505

Ion Ratio Lower Upper

129 100

127 75.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.658 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion:107 Resp: 62071

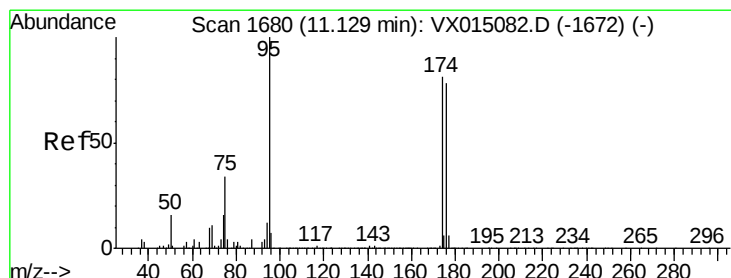
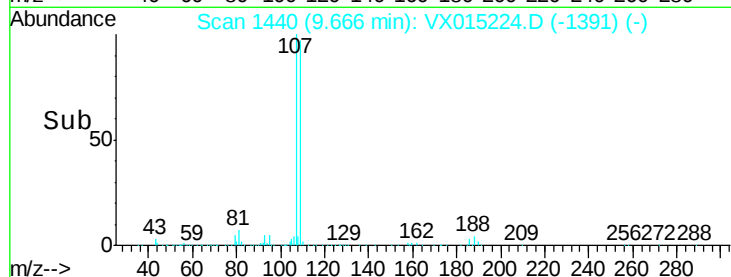
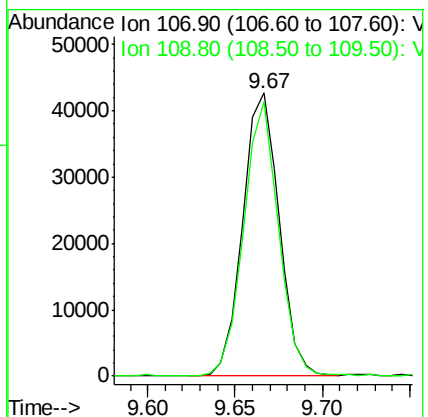
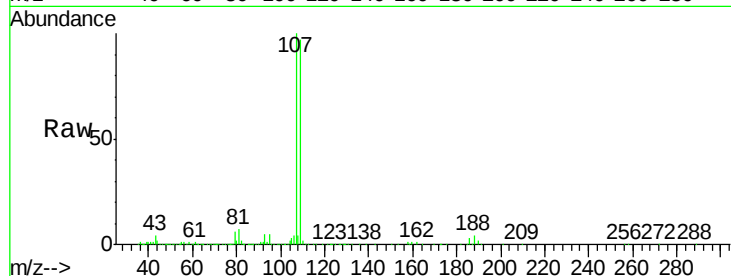
Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 47.760 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

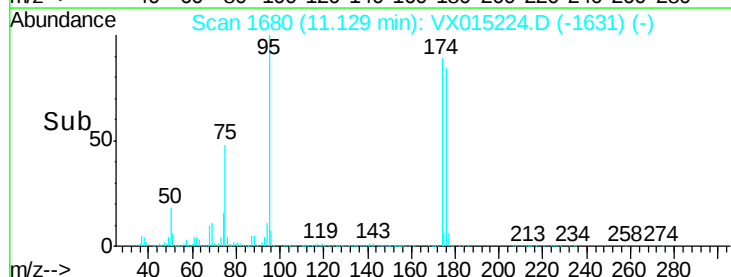
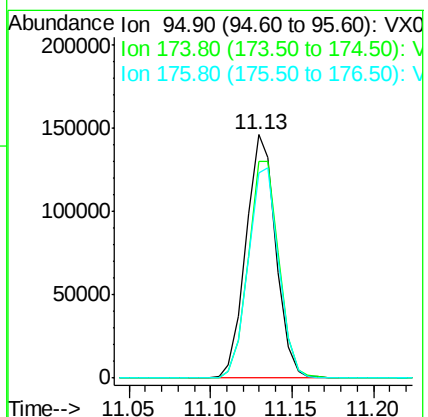
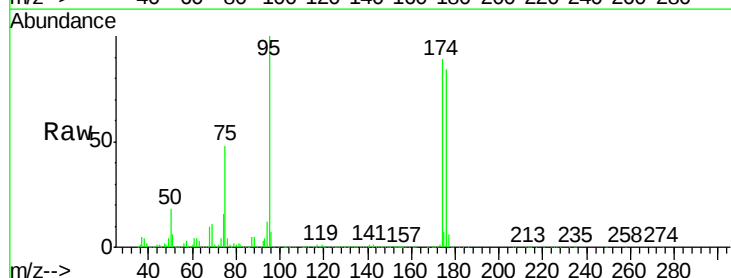
Tgt Ion: 95 Resp: 187584

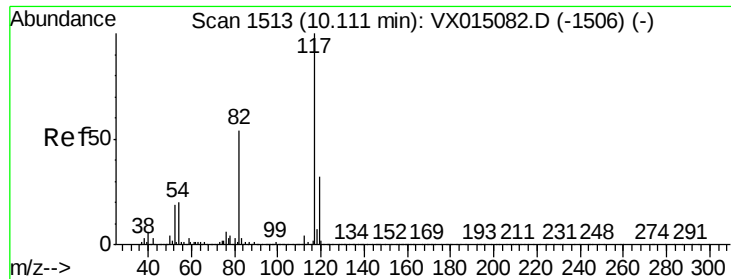
Ion Ratio Lower Upper

95 100

174 91.6 0.0 177.6

176 88.5 0.0 170.2





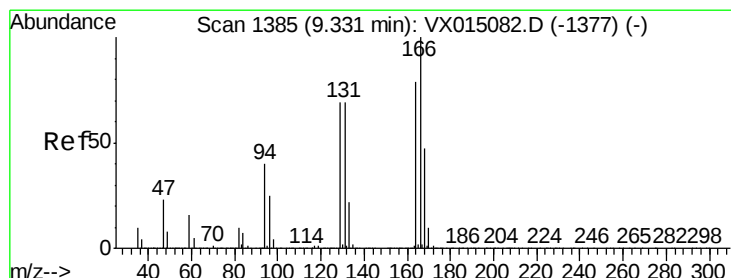
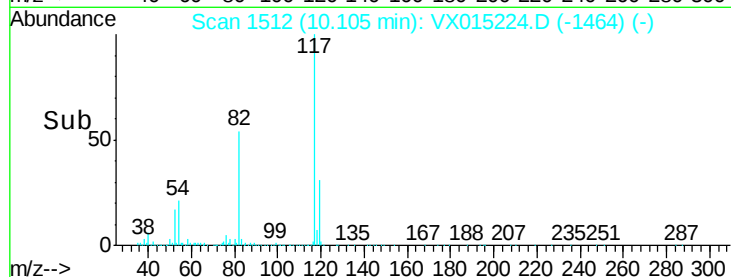
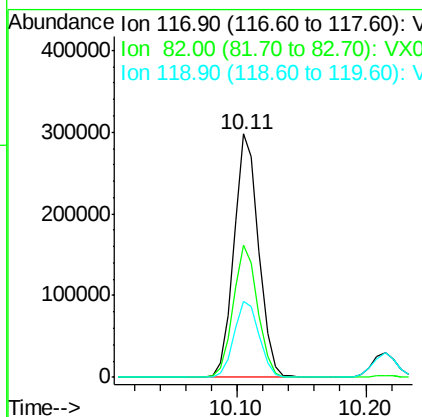
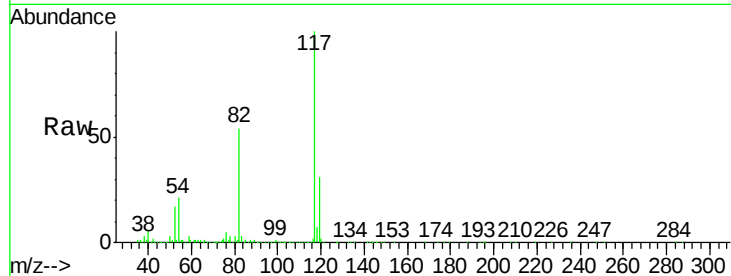
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.2	43.3	64.9
119	31.1	25.8	38.8

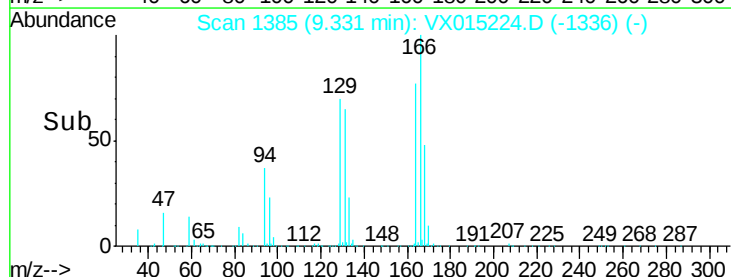
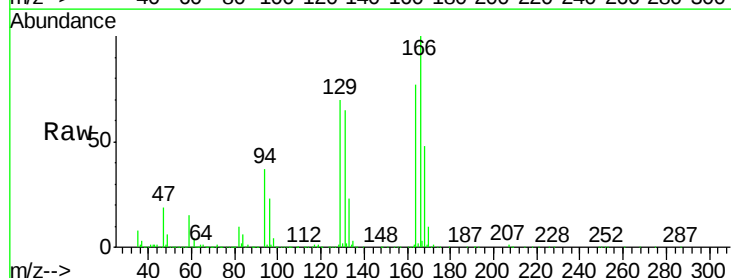
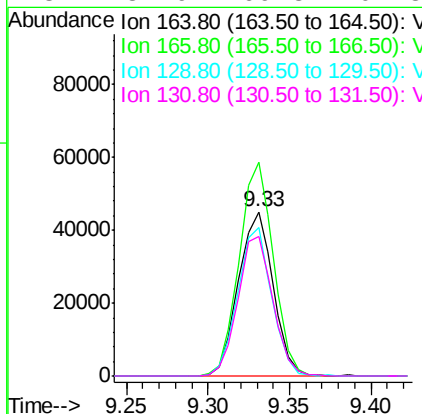
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.414 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	130.0	101.1	151.7
129	90.8	69.4	104.0
131	84.9	69.8	104.8





#65

Chlorobenzene

Concen: 19.909 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion:112 Resp: 158220

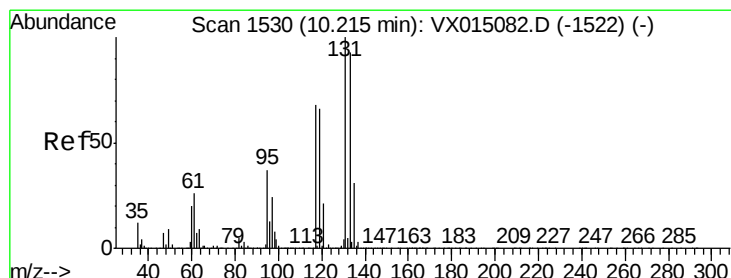
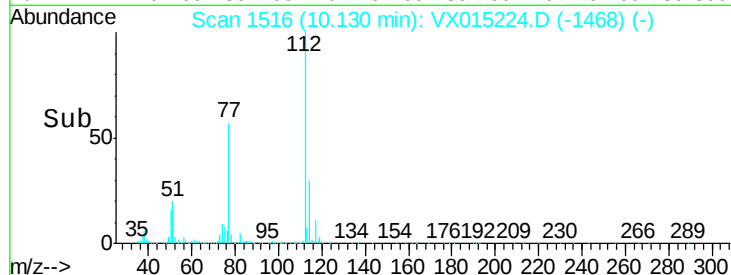
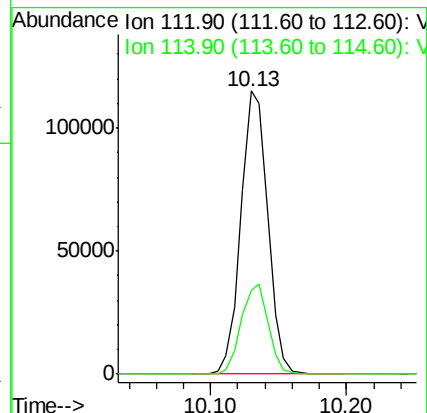
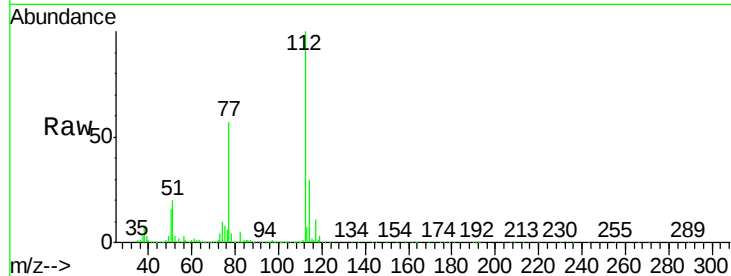
Ion Ratio Lower Upper

112 100

114 29.8 25.5 38.3

Manual Integrations
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3/16/2020 11:43:29 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.597 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

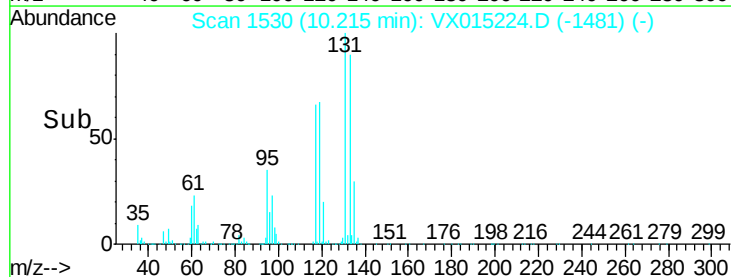
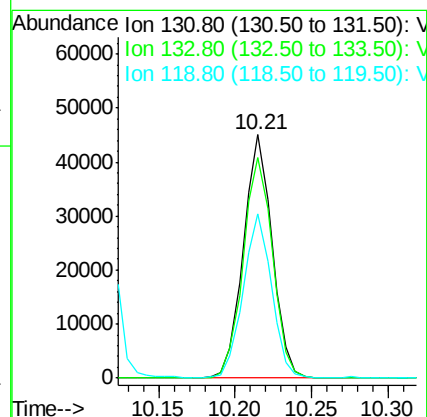
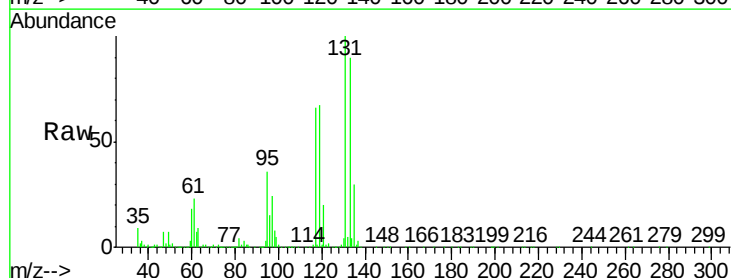
Tgt Ion:131 Resp: 58726

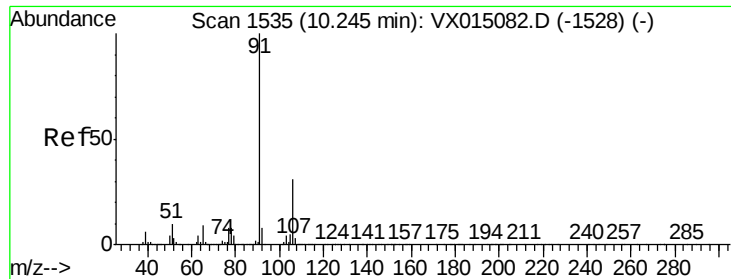
Ion Ratio Lower Upper

131 100

133 93.2 47.5 142.5

119 65.8 33.4 100.1





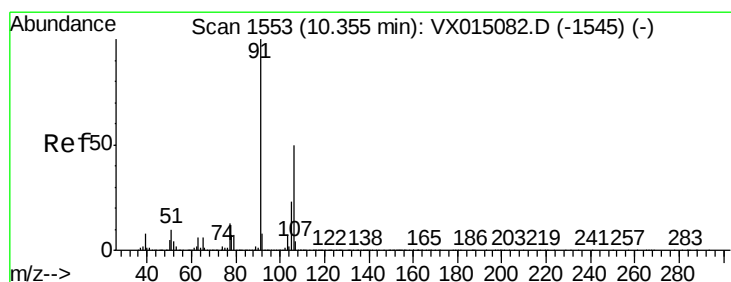
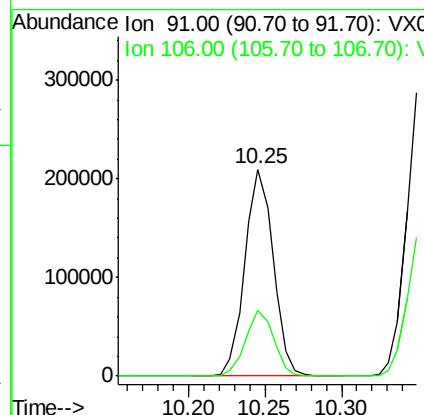
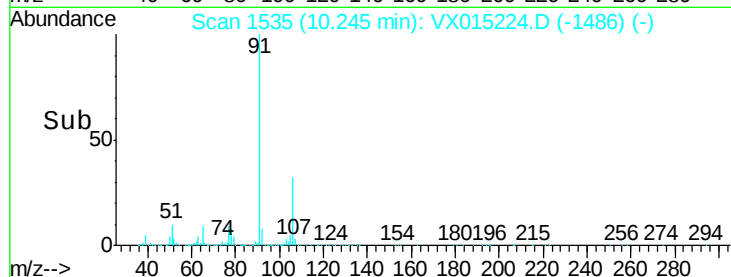
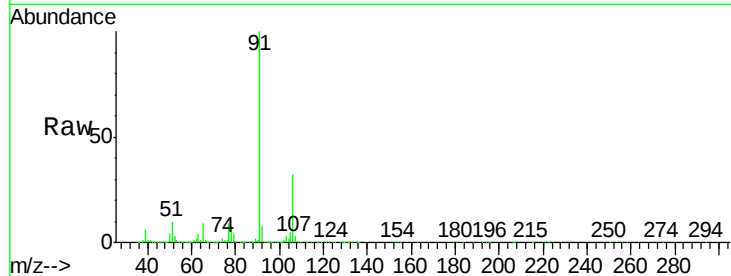
#67
Ethyl Benzene
Concen: 20.047 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion: 91 Resp: 270528
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

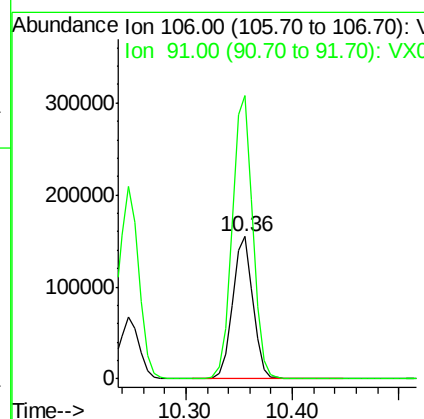
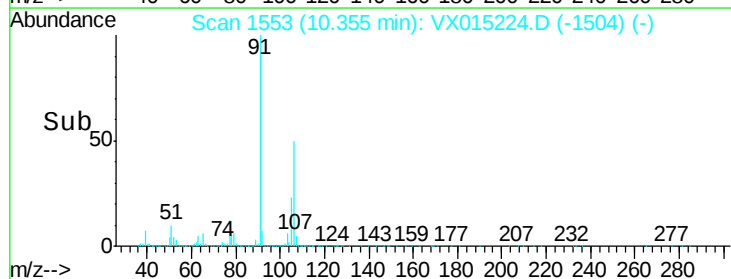
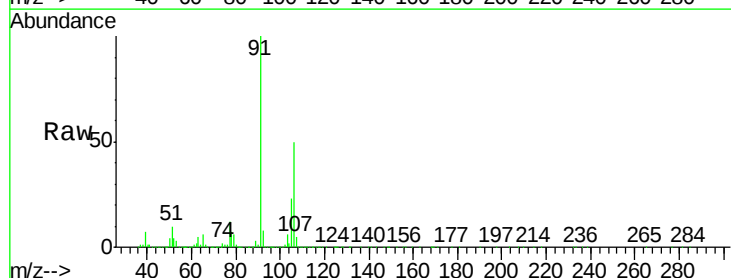
Manual Integrations
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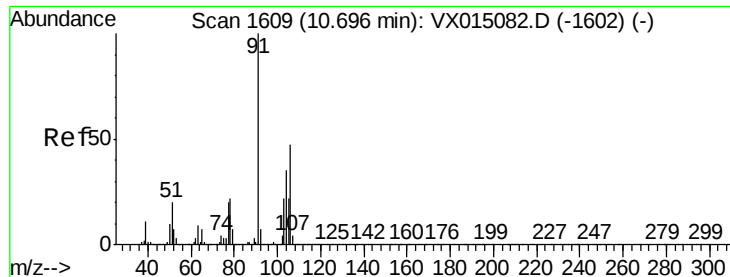
MMDadoda
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#68
m/p-Xylenes
Concen: 40.335 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion: 106 Resp: 207096
Ion Ratio Lower Upper
106 100
91 200.7 159.4 239.2





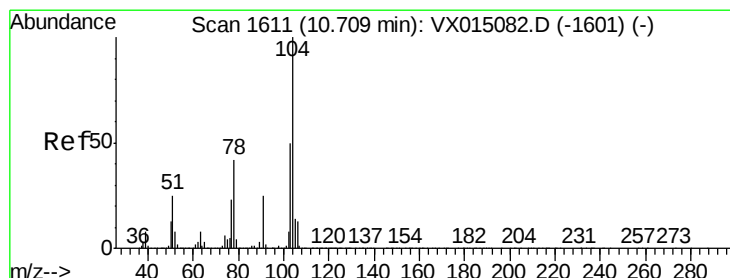
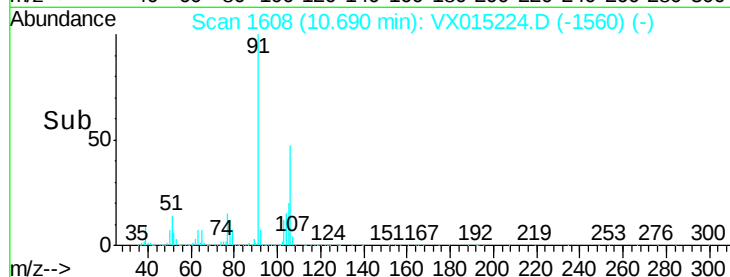
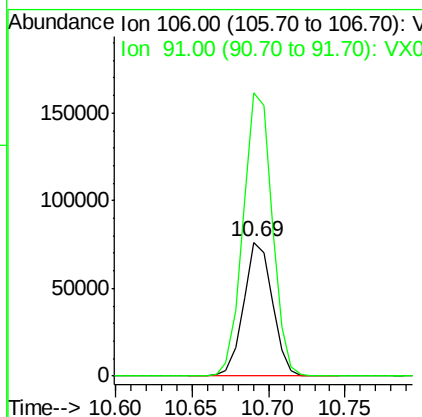
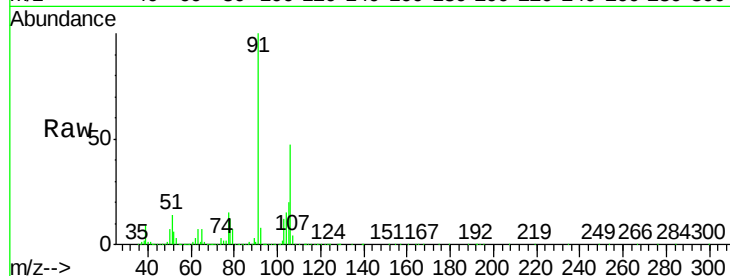
#69
o-Xylene
Concen: 20.161 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.0	105.4	316.1

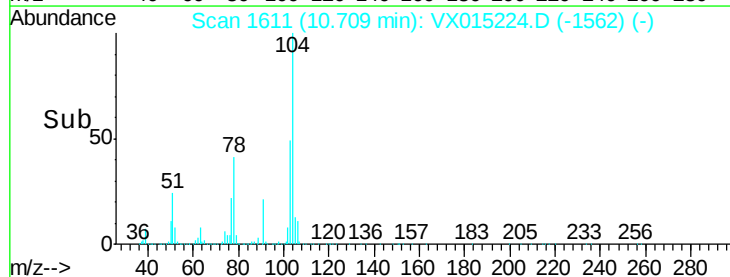
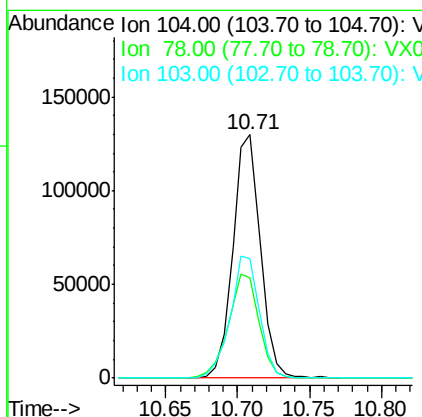
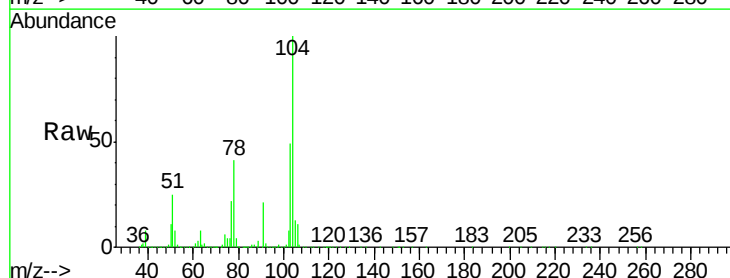
Manual Integrations
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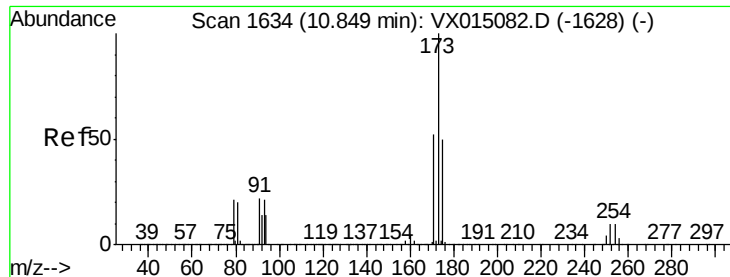
MMDadoda
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#70
Styrene
Concen: 20.621 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	39.0	58.4
103	53.1	43.7	65.5





#71

Bromoform

Concen: 19.998 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

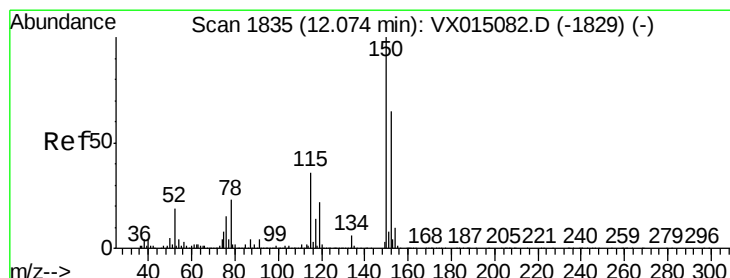
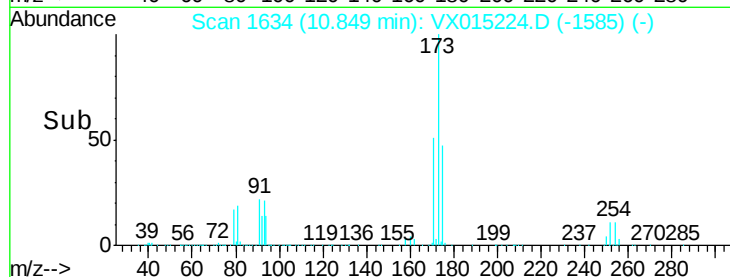
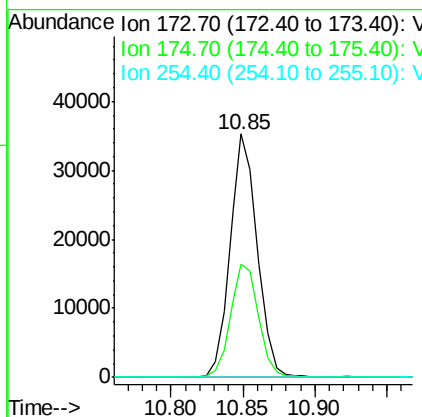
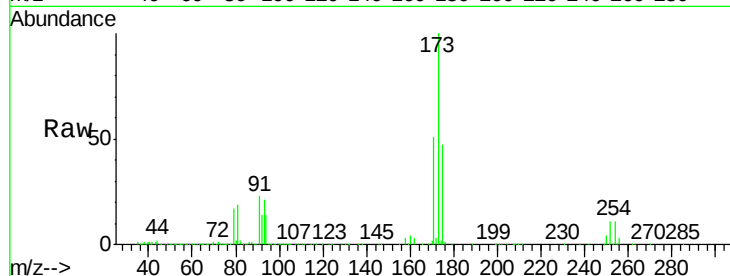
ClientSampleId :

VX0312WBS01

Tot Ion:	173	Resp:	46471
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

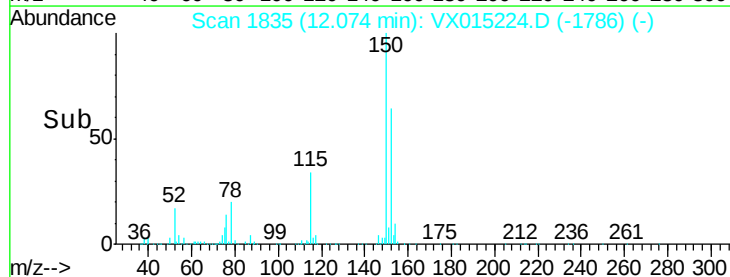
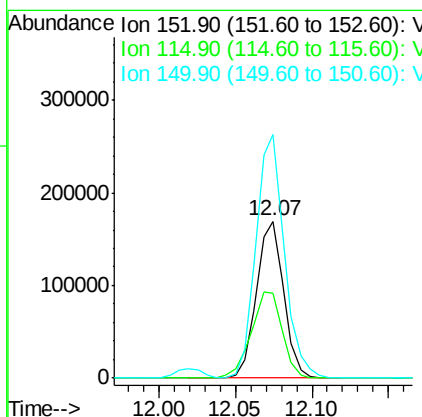
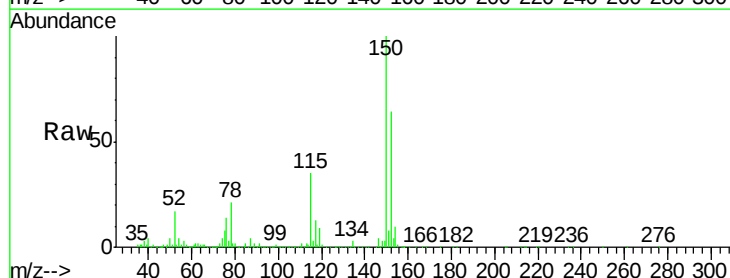
RT: 12.07 min Scan# 1835

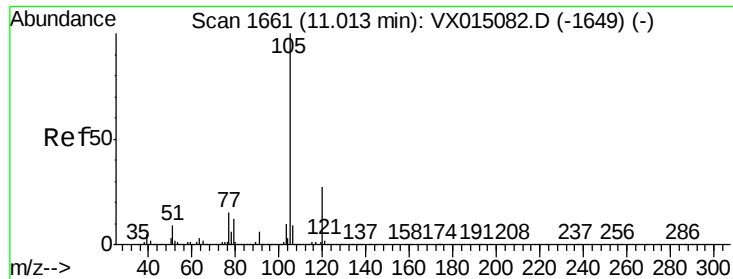
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	152	Resp:	209253
Ion Ratio	Lower	Upper	
152	100		
115	62.8	38.2	114.6
150	162.3	0.0	343.8





#73

Isopropylbenzene

Concen: 20.031 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion:105 Resp: 267761

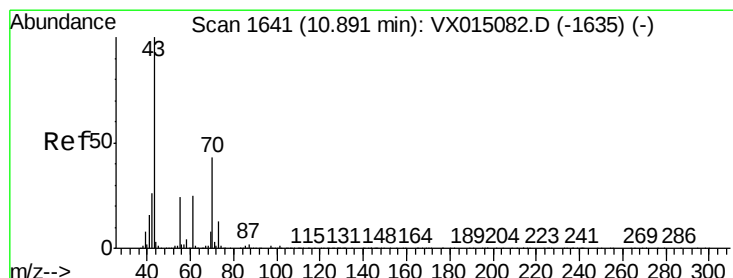
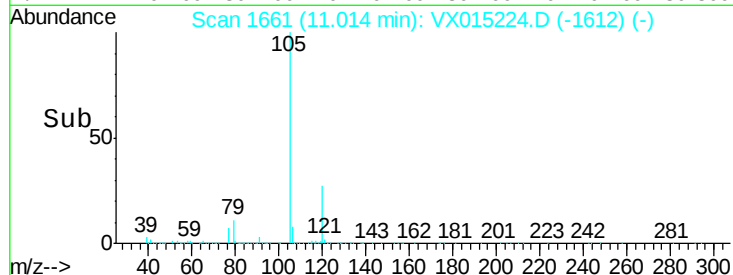
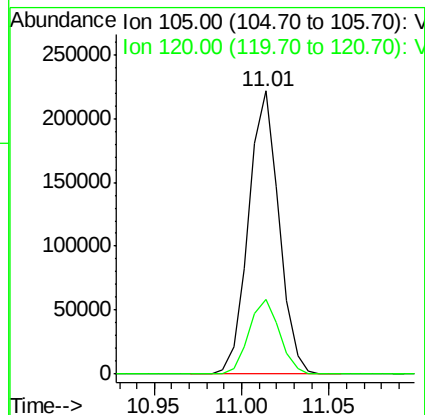
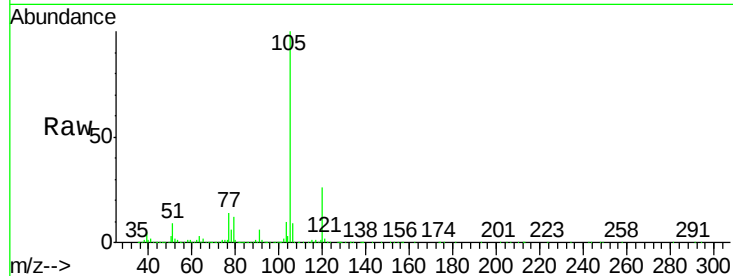
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.862 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion: 43 Resp: 106258

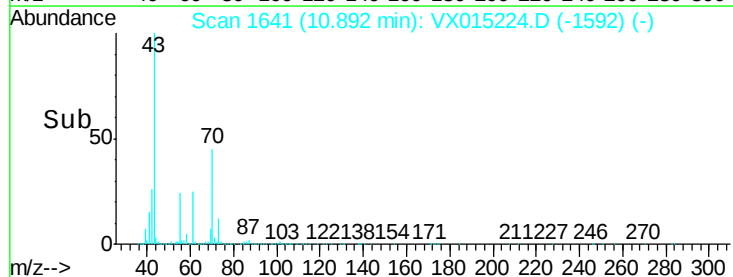
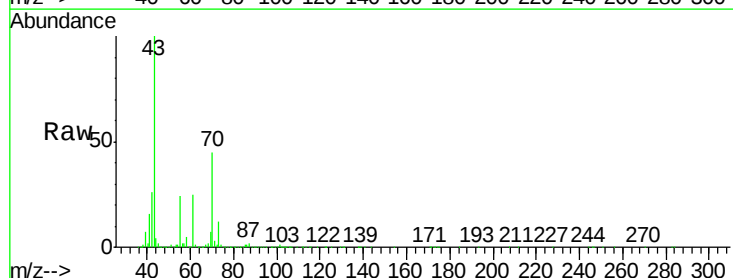
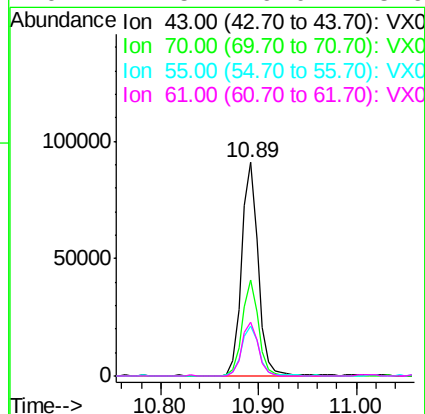
Ion Ratio Lower Upper

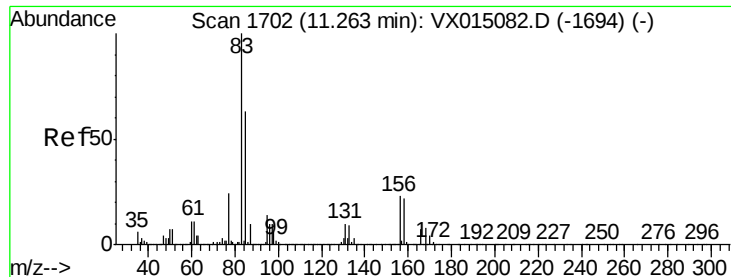
43 100

70 44.0 34.7 52.1

55 24.9 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.480 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 83 Resp: 82326

Ion Ratio Lower Upper

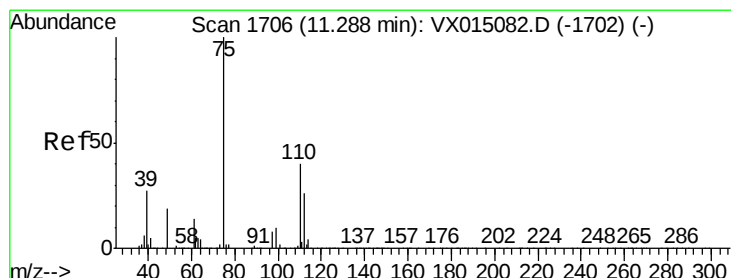
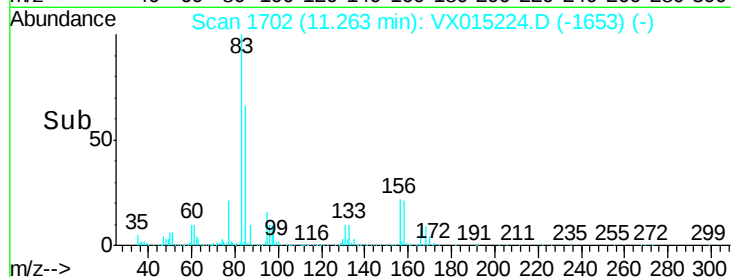
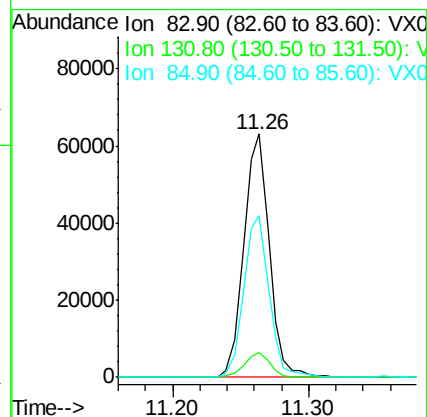
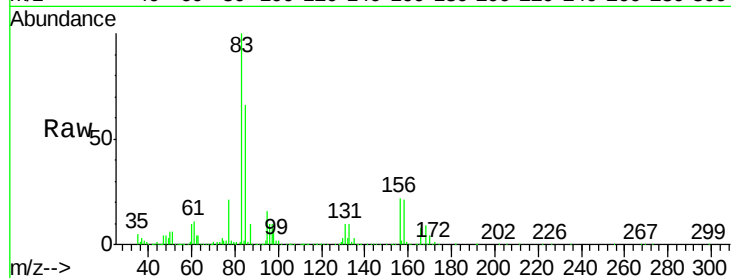
83 100

131 10.4 5.0 14.9

85 65.7 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 19.587 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015224.D

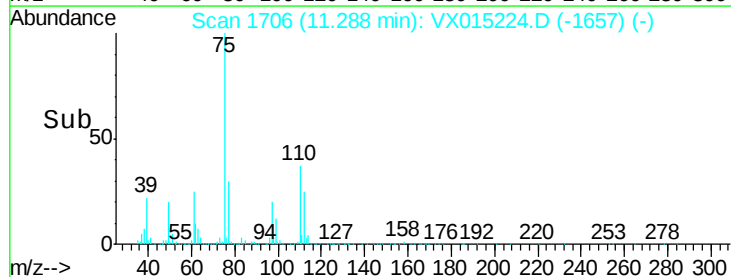
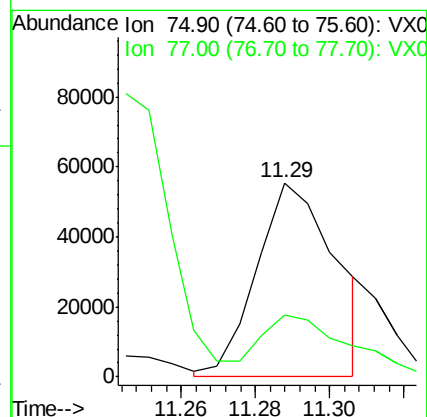
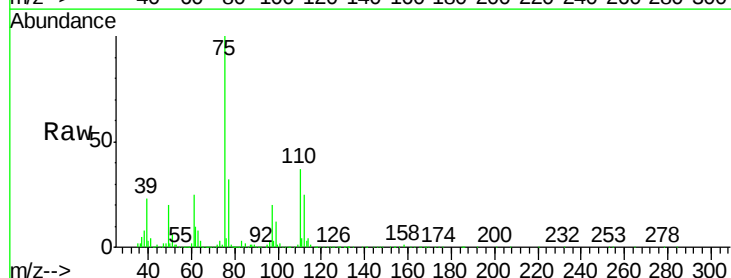
Acq: 12 Mar 2020 10:02

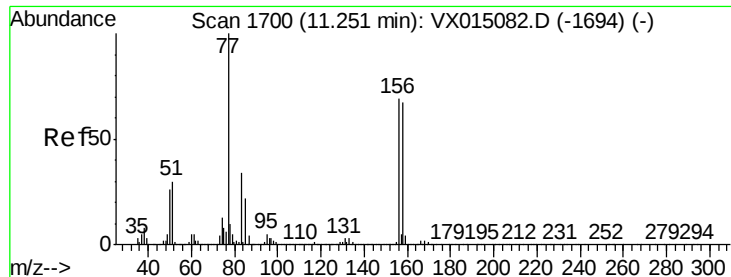
Tgt Ion: 75 Resp: 81756

Ion Ratio Lower Upper

75 100

77 37.1 22.6 67.8





#77

Bromobenzene

Concen: 19.127 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

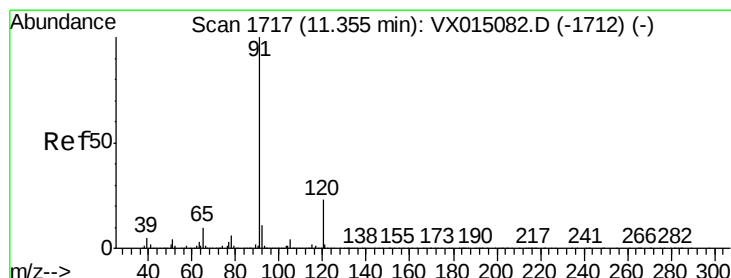
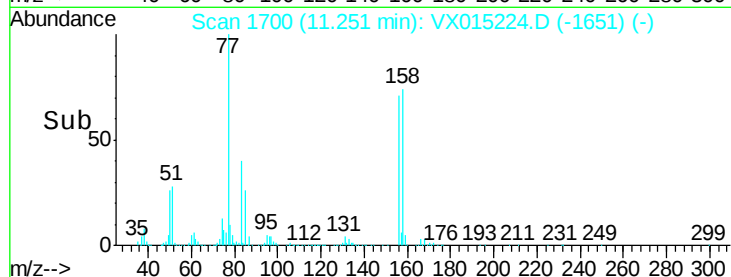
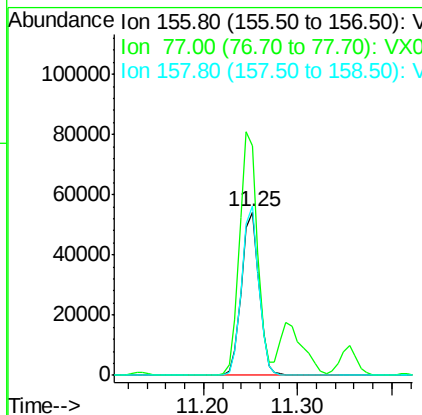
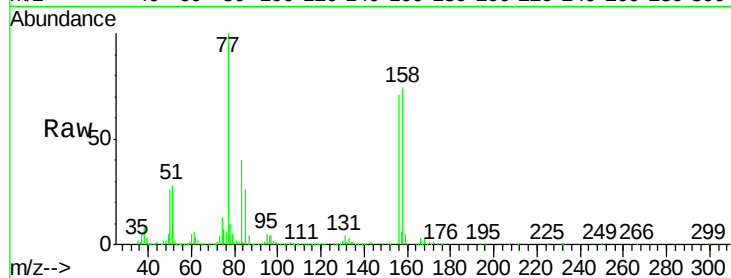
ClientSampleId :

VX0312WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.9	75.3	225.9
158	100.6	48.5	145.6

Manual Integrations
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3/16/2020 11:43:29 AM



#78

n-propylbenzene

Concen: 20.210 ug/l

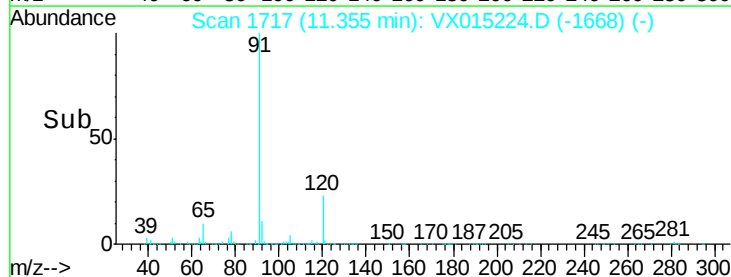
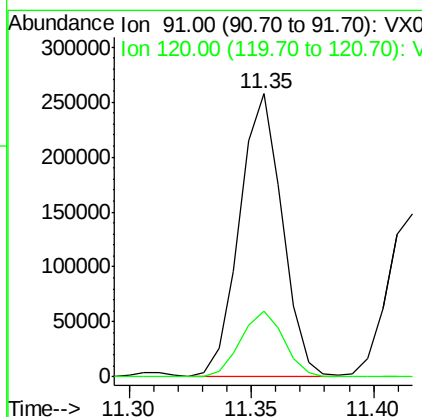
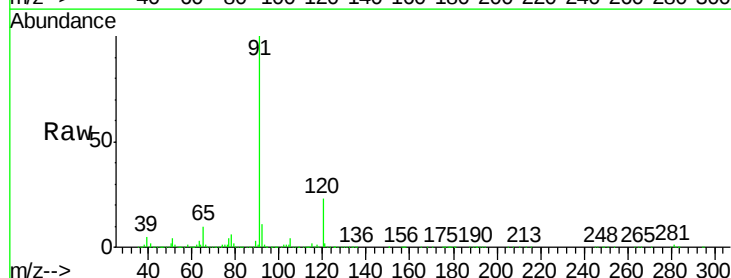
RT: 11.35 min Scan# 1717

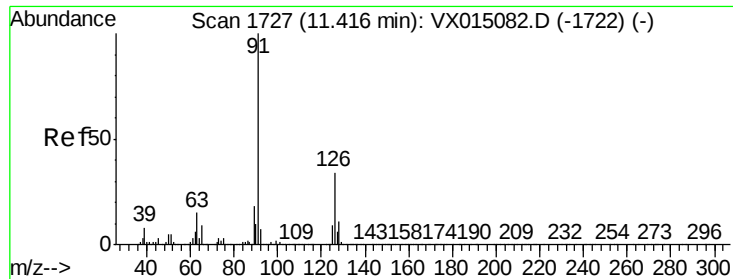
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.917 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion: 91 Resp: 181646

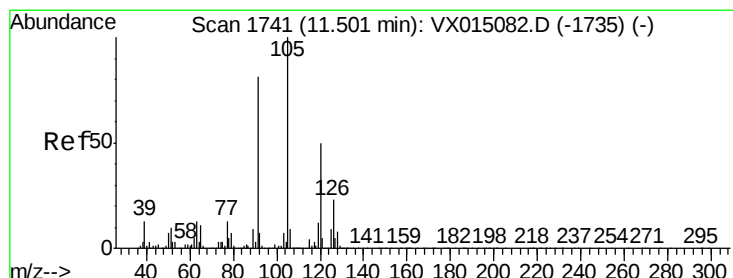
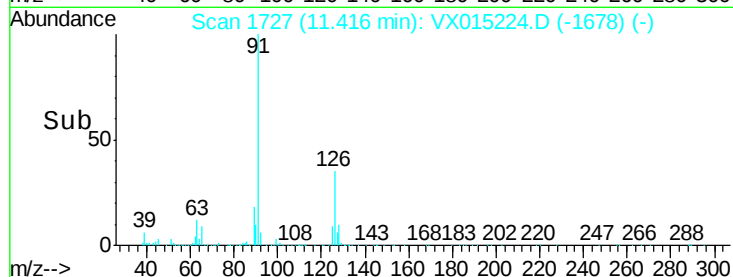
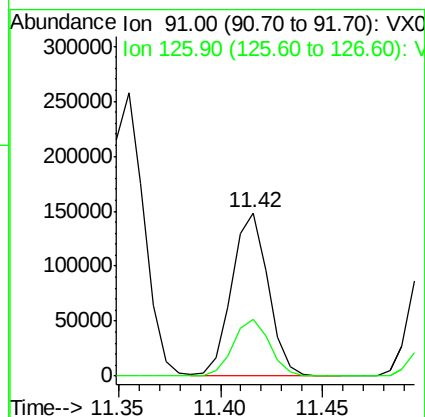
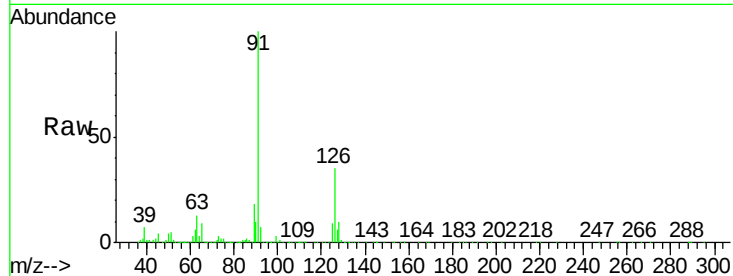
Ion Ratio Lower Upper

91 100

126 35.5 17.3 52.0

Manual Integrations
APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 20.319 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015224.D

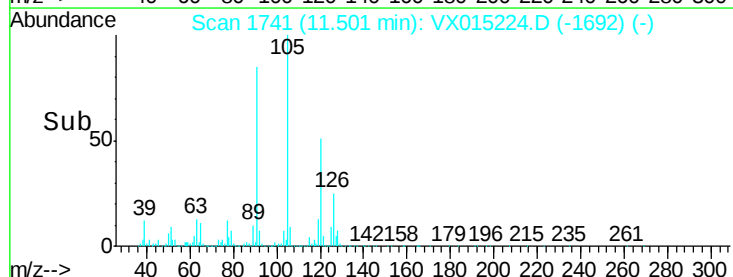
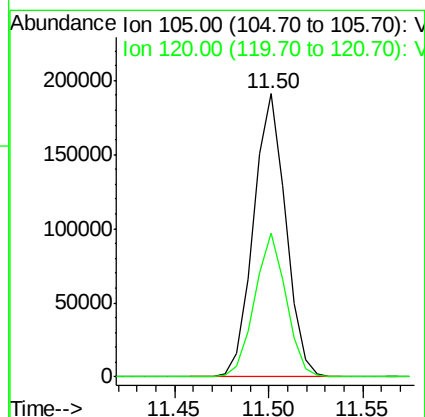
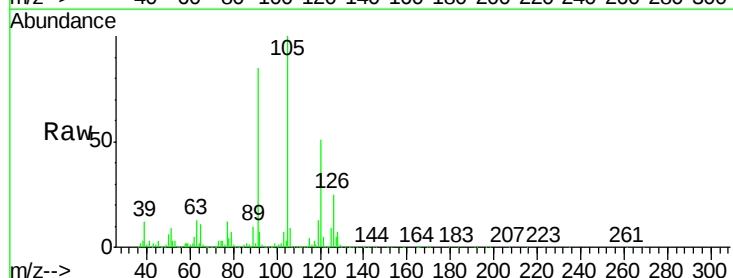
Acq: 12 Mar 2020 10:02

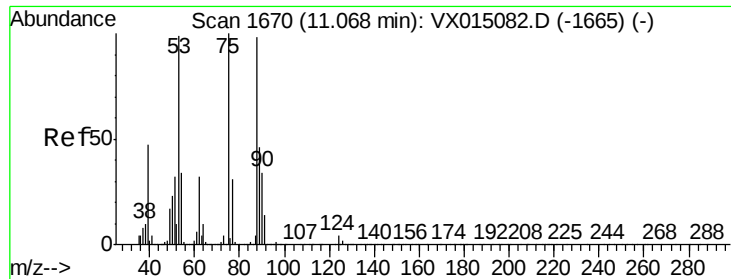
Tgt Ion: 105 Resp: 226098

Ion Ratio Lower Upper

105 100

120 49.5 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.287 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

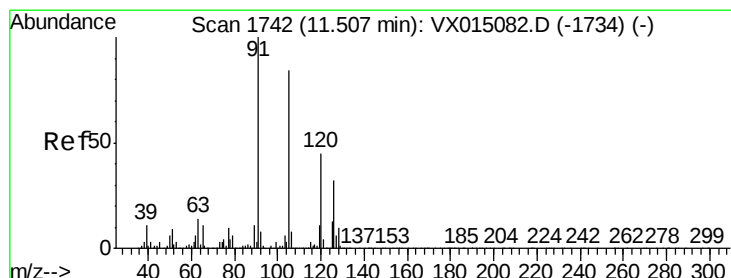
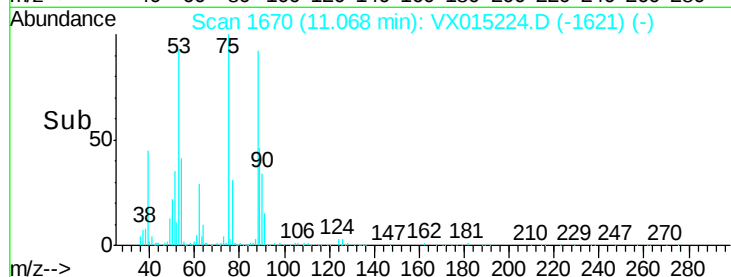
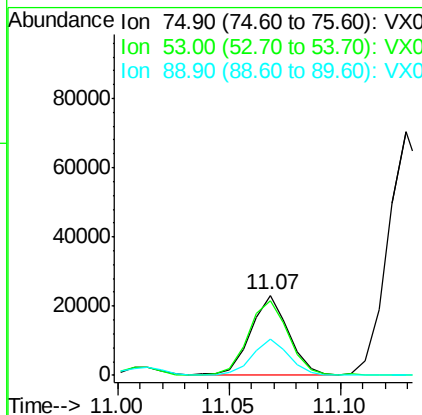
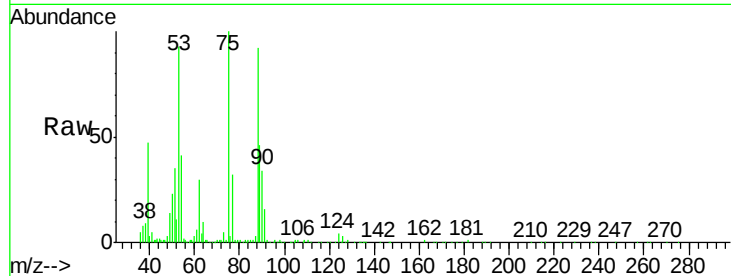
ClientSampleId :

VX0312WBS01

Tot Ion:	75	Resp:	26895
Ion Ratio	Lower	Upper	
75	100		
53	99.1	77.9	116.9
89	46.0	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.568 ug/l

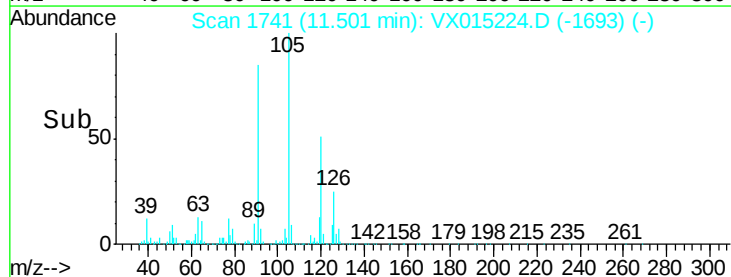
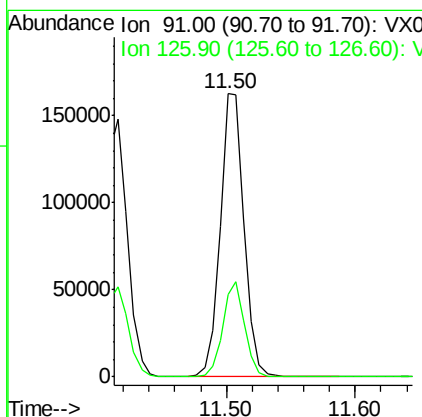
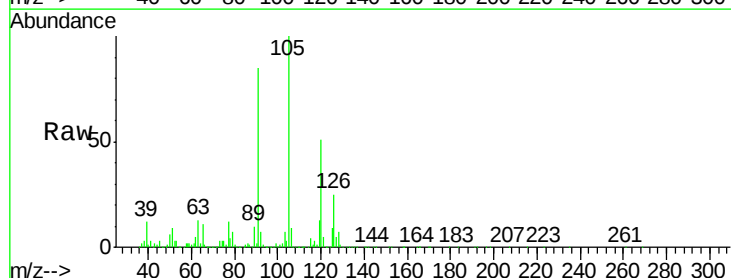
RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	91	Resp:	210838
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.4	46.2





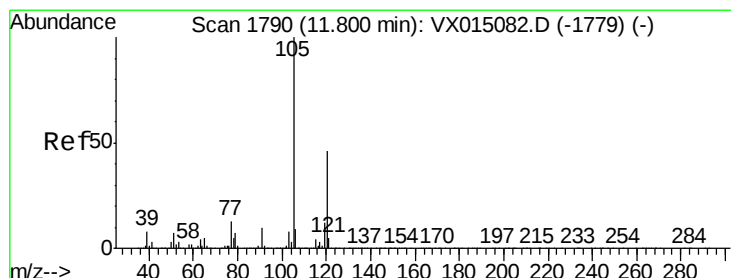
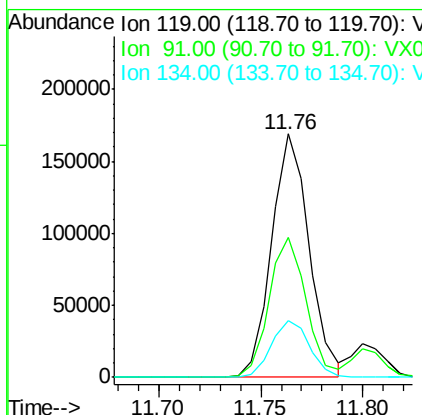
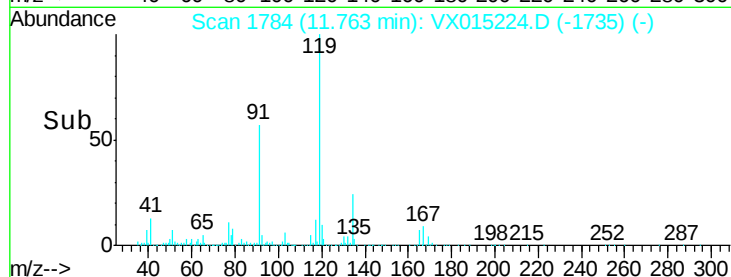
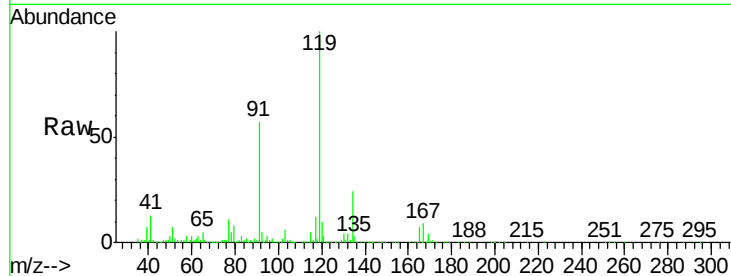
#83
tert-Butylbenzene
Concen: 20.131 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	216600		
91	56.7	28.5	85.6	
134	24.0	11.9	35.7	

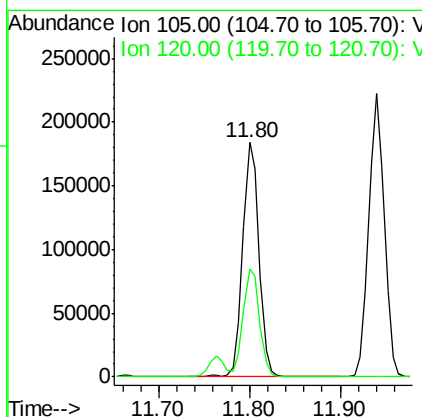
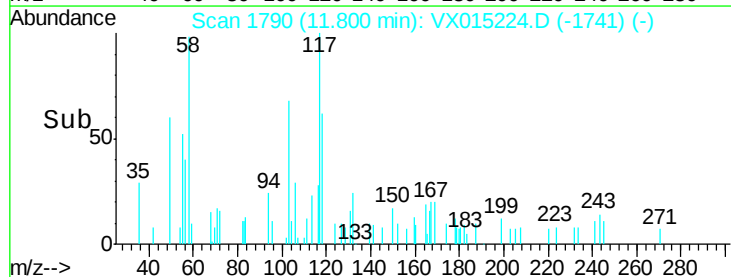
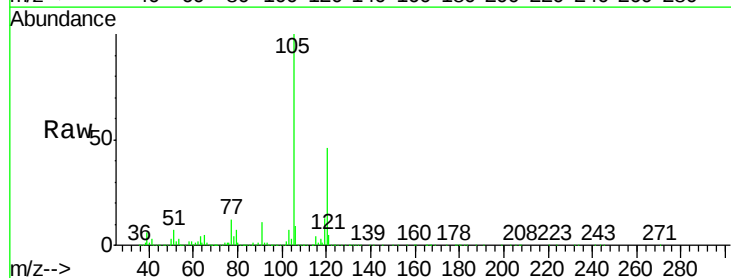
Manual Integrations
APPROVED

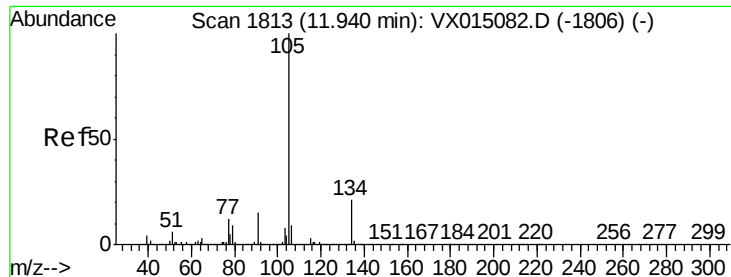
MMDadoda
3/16/2020 11:43:29 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.554 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229770		
120	45.6	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.459 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBS01

Tot Ion:105 Resp: 265739

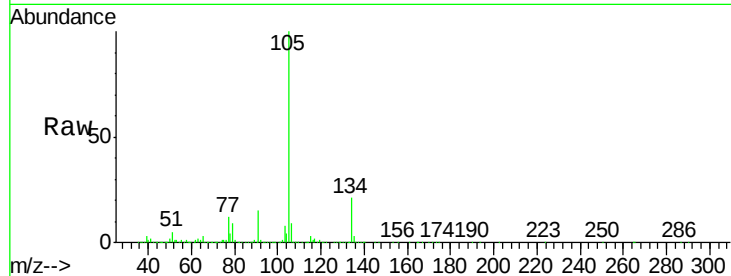
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2

Manual Integrations
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3/16/2020 11:43:29 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

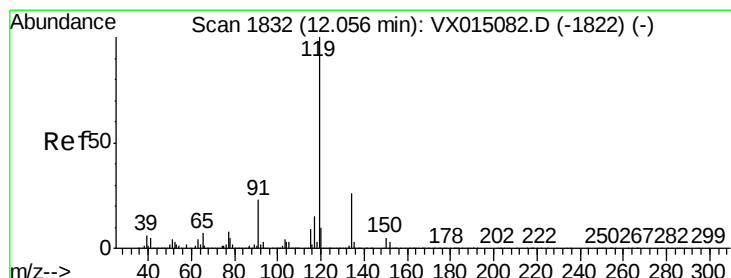
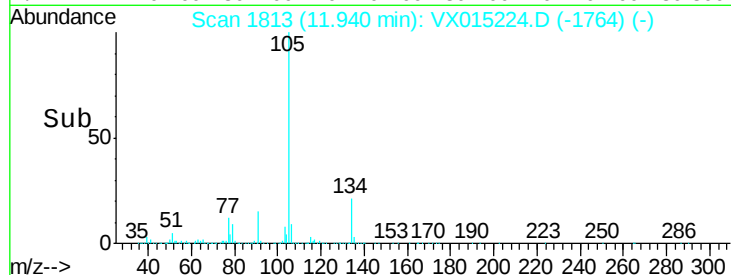
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.540 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

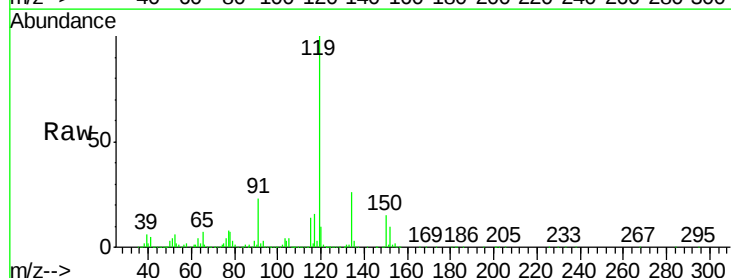
Tgt Ion:119 Resp: 245796

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.1 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

250000

200000

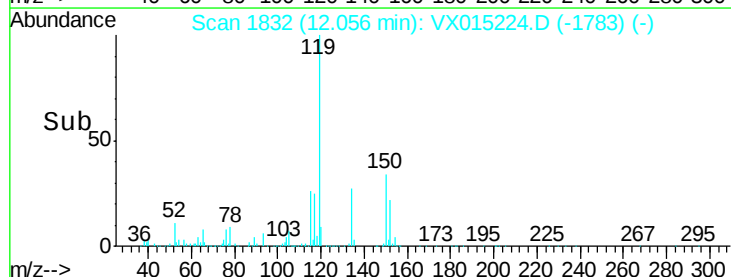
150000

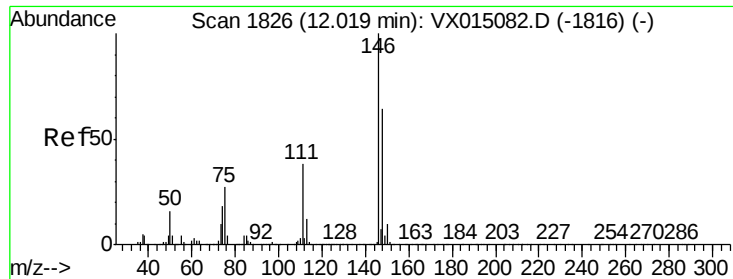
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.420 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

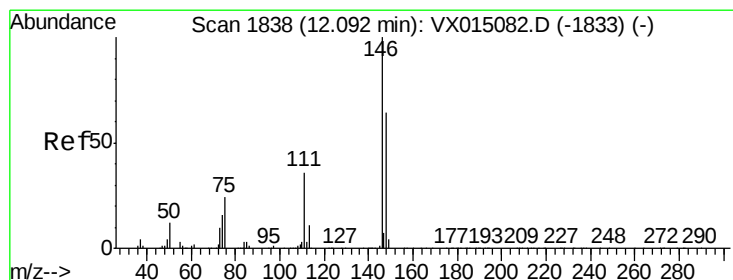
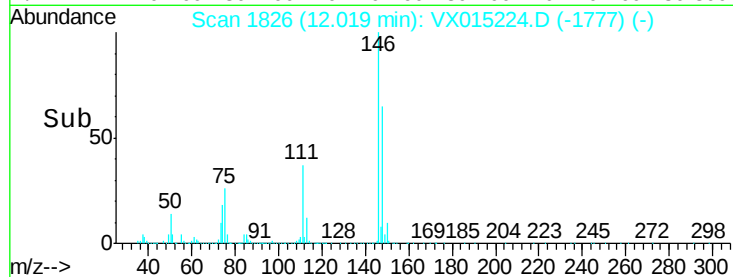
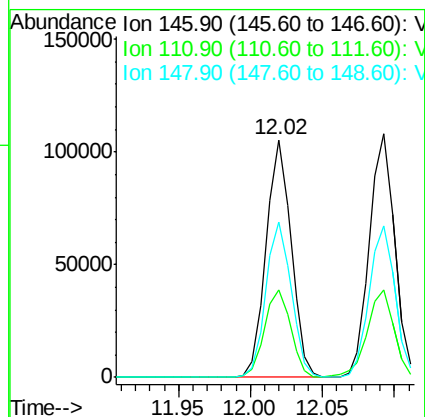
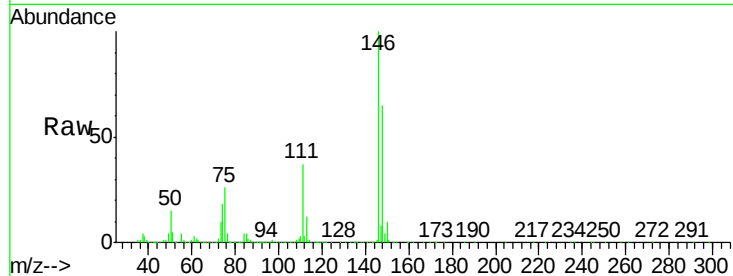
Instrument :
MSVOA_X

ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	38.2	19.1	57.1
148	65.9	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.244 ug/l

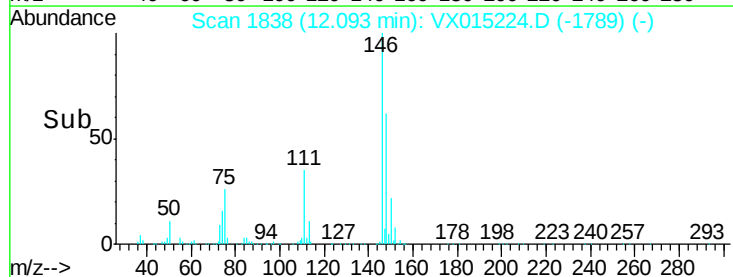
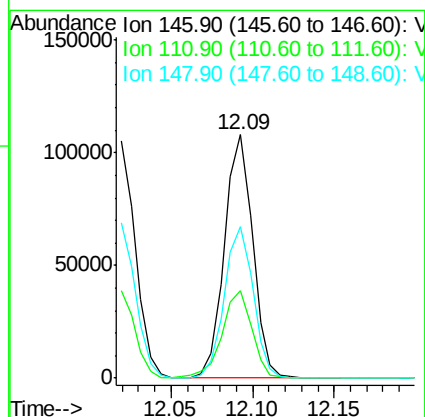
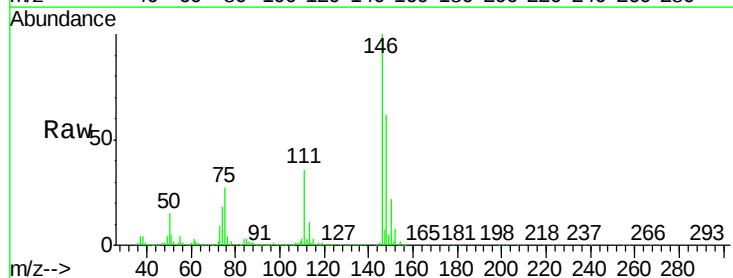
RT: 12.09 min Scan# 1838

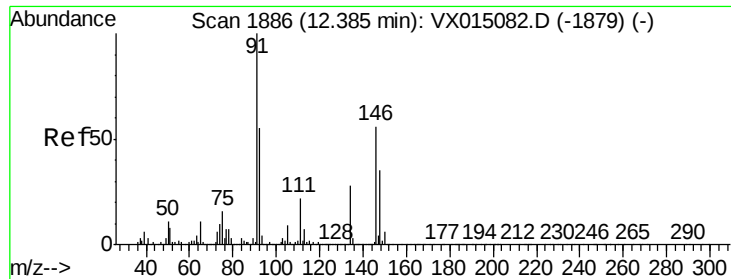
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	38.2	18.7	56.1
148	63.9	32.5	97.4





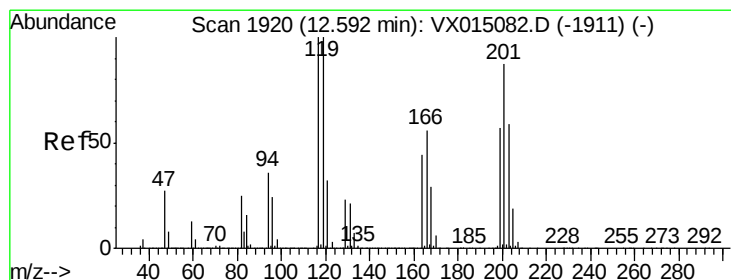
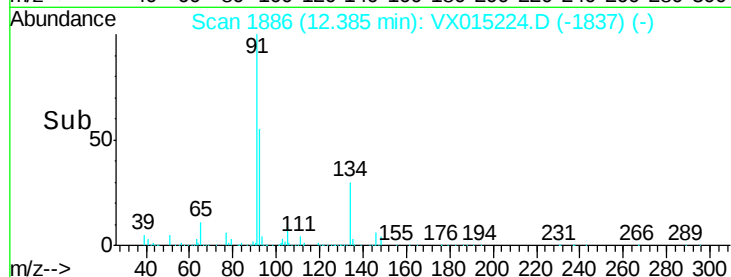
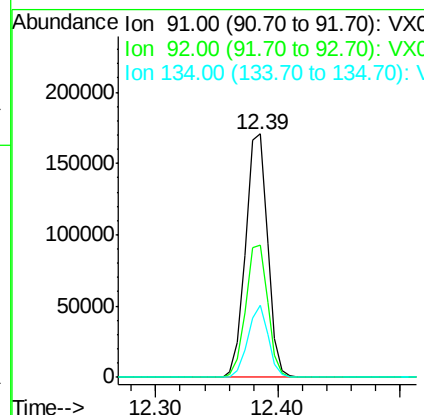
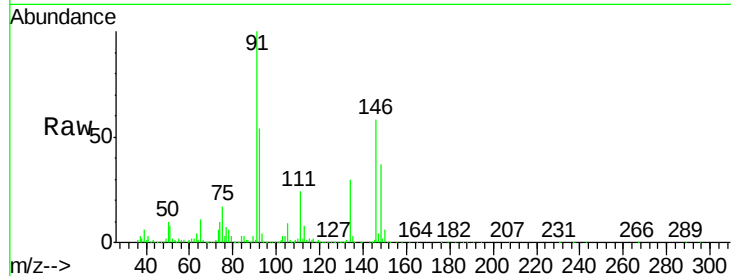
#89
n-Butylbenzene
Concen: 19.959 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	212428		
92	54.7	27.2	81.6	
134	27.3	13.5	40.5	

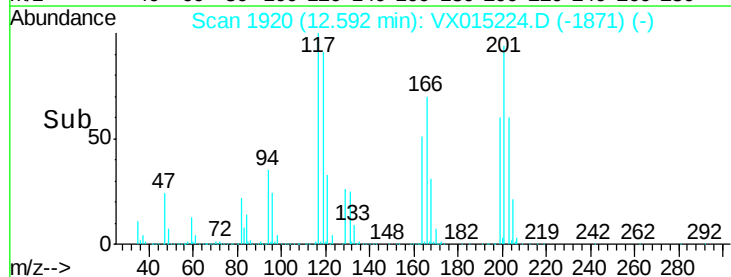
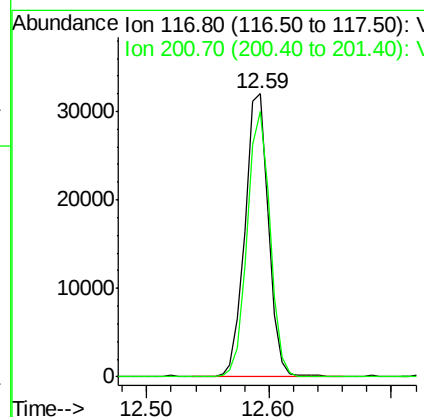
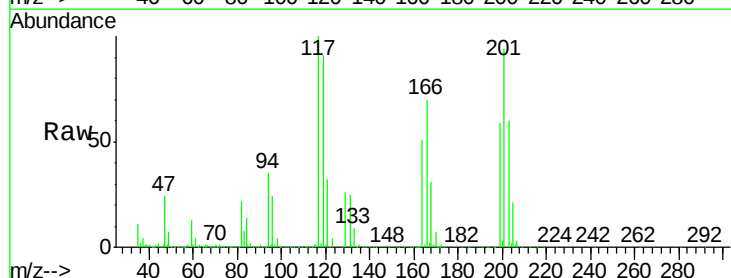
Manual Integrations
APPROVED

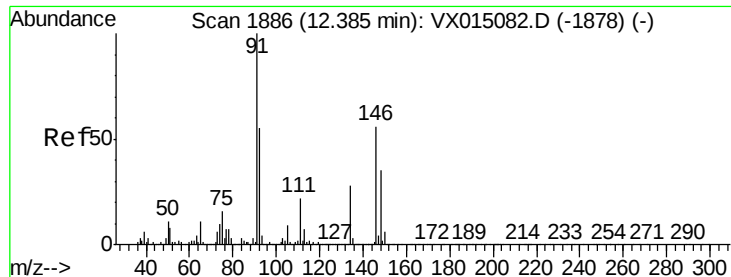
MMDadoda
3/16/2020 11:43:29 AM



#90
Hexachloroethane
Concen: 18.759 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42439		
201	91.2	43.5	130.7	





#91

1,2-Dichlorobenzene

Concen: 19.171 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Instrument :

MSVOA_X

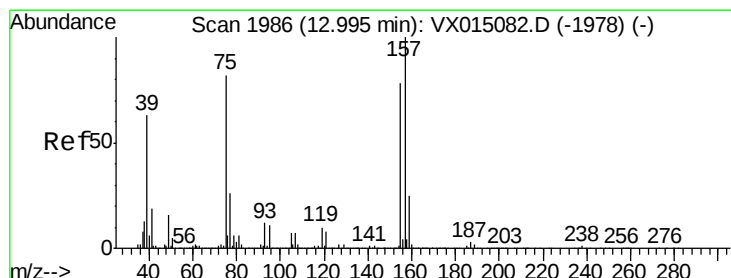
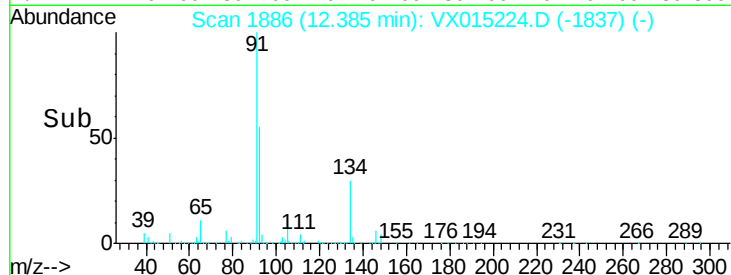
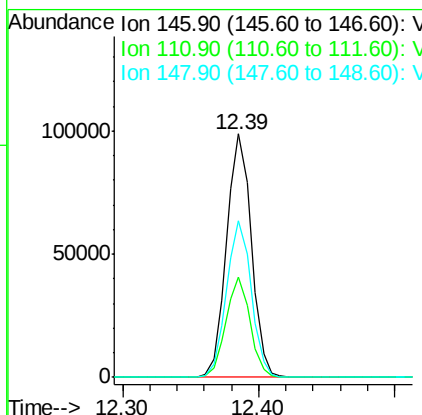
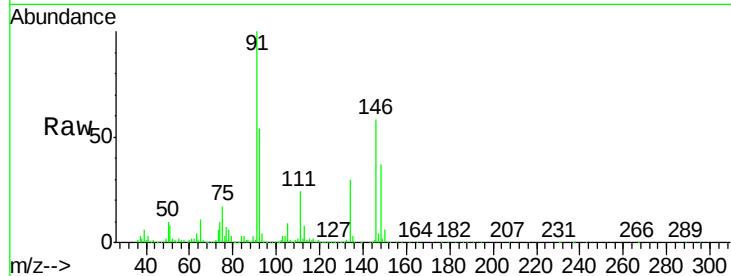
ClientSampleId :

VX0312WBS01

Tot Ion:	146	Resp:	124823
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.9	59.7
148	64.4	32.3	96.8

Manual Integrations
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3/16/2020 11:43:29 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.125 ug/l

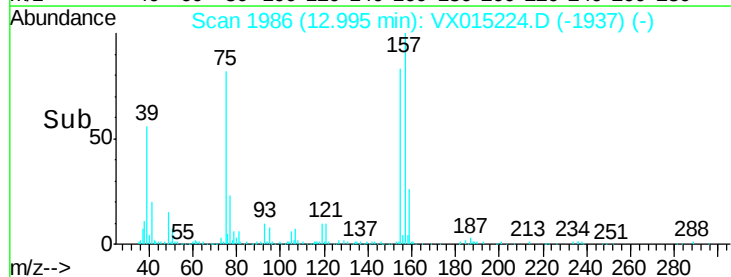
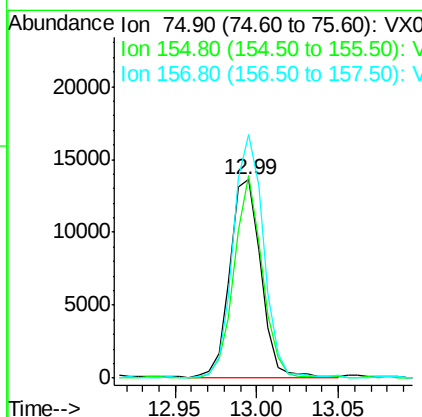
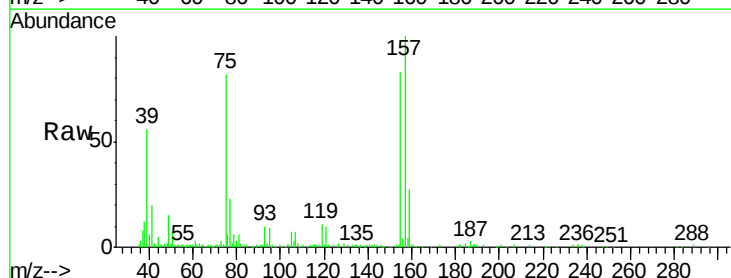
RT: 12.99 min Scan# 1986

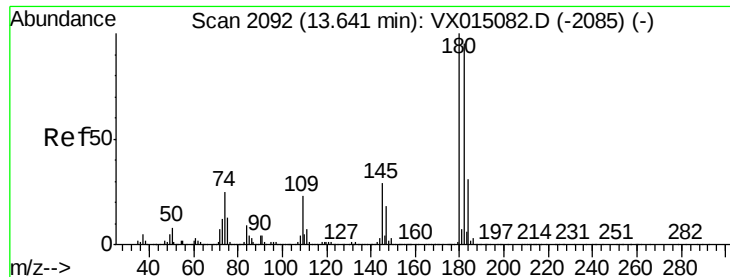
Delta R.T. 0.00 min

Lab File: VX015224.D

Acq: 12 Mar 2020 10:02

Tgt Ion:	75	Resp:	17953
Ion Ratio	Lower	Upper	
75	100		
155	93.2	46.6	139.7
157	121.9	59.2	177.5





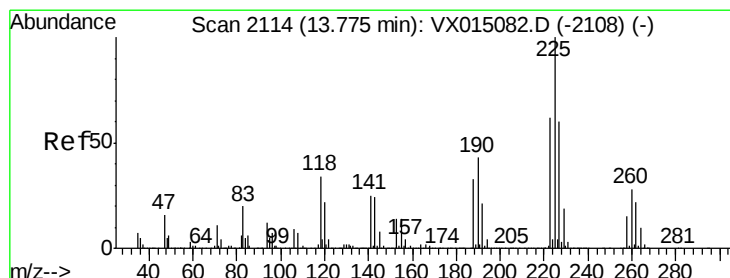
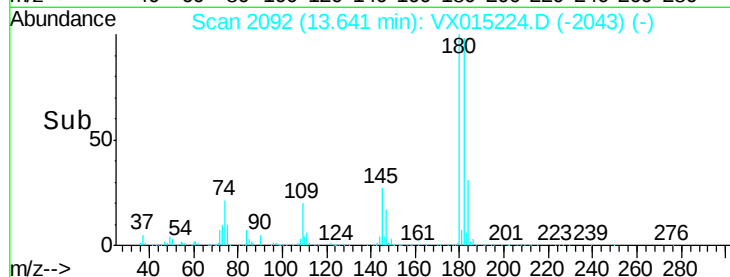
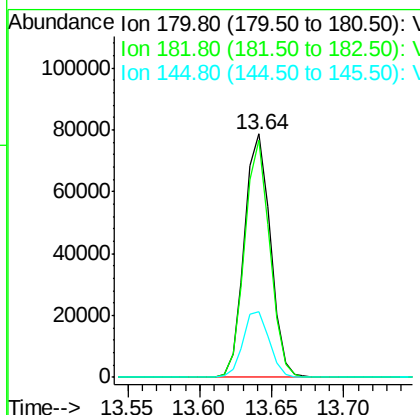
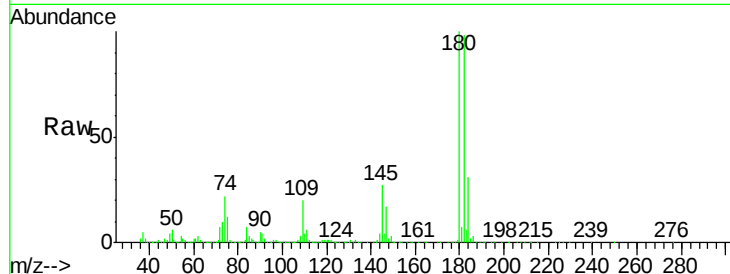
#93
 1,2,4-Trichlorobenzene
 Concen: 21.760 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98345		
182	93.9	47.6	142.8	
145	27.4	14.1	42.2	

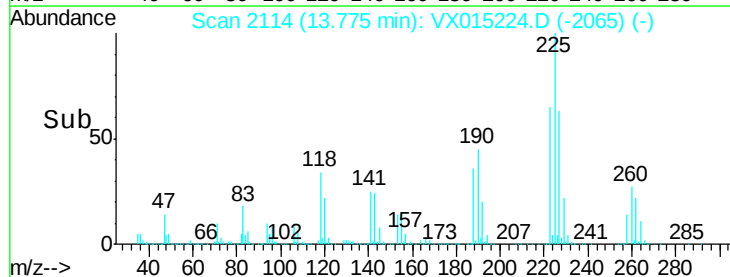
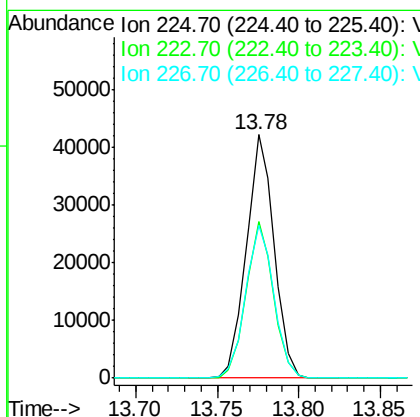
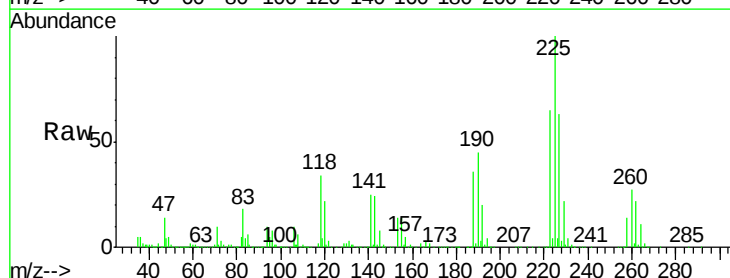
Manual Integrations
 APPROVED

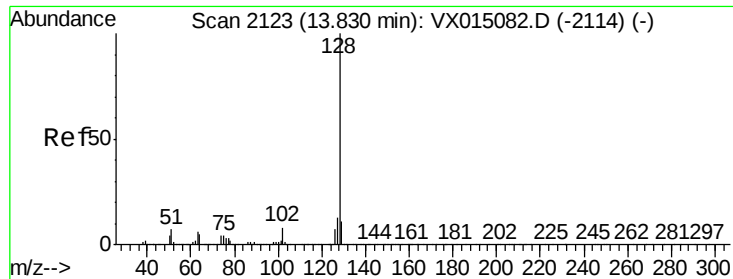
MMDadoda
 3/16/2020 11:43:29 AM



#94
 Hexachlorobutadiene
 Concen: 21.675 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015224.D
 Acq: 12 Mar 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50268		
223	63.2	31.3	93.9	
227	63.8	31.1	93.2	





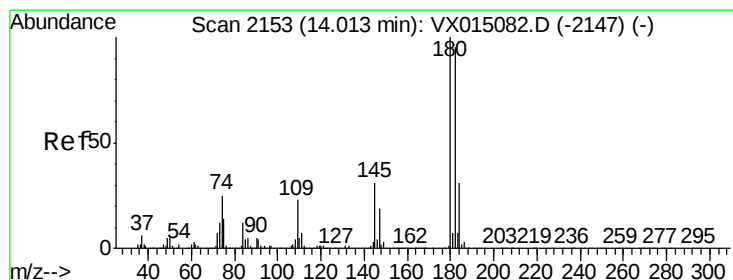
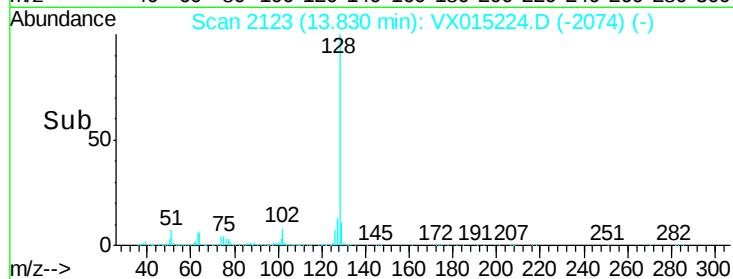
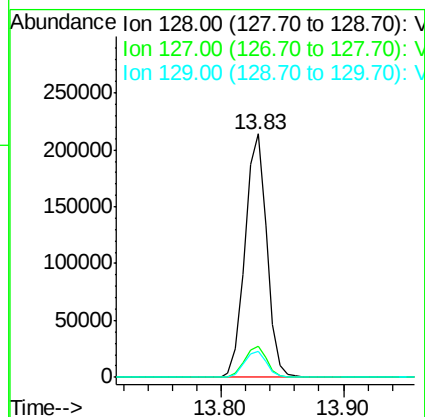
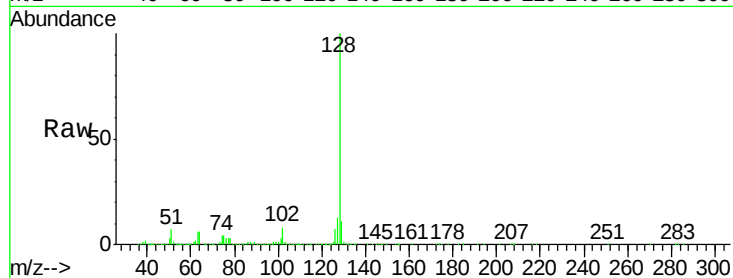
#95
Naphthalene
Concen: 19.810 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBS01

Tot Ion:	128	Resp:	262167
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.525 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015224.D
Acq: 12 Mar 2020 10:02

Tgt Ion:	180	Resp:	97061
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.8	143.4
145	29.9	15.1	45.3

