

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015088.D
 Acq On : 04 Mar 2020 15:34
 Operator : JC/SP
 Sample : VX0304WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 3:53:53 PM

Quant Time: Mar 05 07:54:18 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	375612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	576765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	528080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	224489	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.48	113	182400	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	696160	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	248980	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64295	19.548	ug/l	100
3) Chloromethane	1.32	50	90593	19.444	ug/l	98
4) Vinyl Chloride	1.40	62	89984	19.047	ug/l	98
5) Bromomethane	1.64	94	59997	20.657	ug/l	97
6) Chloroethane	1.72	64	55413	19.553	ug/l	99
7) Trichlorofluoromethane	1.92	101	111301	19.799	ug/l	99
8) Diethyl Ether	2.18	74	51943	20.401	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72023	20.364	ug/l	99
10) Methyl Iodide	2.50	142	71938	18.004	ug/l	99
11) Tert butyl alcohol	3.03	59	78195	101.140	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69729	19.103	ug/l	99
13) Acrolein	2.28	56	64834	89.233	ug/l	98
14) Allyl chloride	2.72	41	123133	19.347	ug/l	99
15) Acrylonitrile	3.13	53	197696	102.676	ug/l	99
16) Acetone	2.44	43	168727	93.495	ug/l	99
17) Carbon Disulfide	2.56	76	192121	18.953	ug/l	99
18) Methyl Acetate	2.76	43	85734	19.429	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	237704	20.840	ug/l	99
20) Methylene Chloride	2.85	84	80652	19.096	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	75489	19.369	ug/l	95
22) Diisopropyl ether	3.84	45	260857	20.572	ug/l	89
23) Vinyl Acetate	3.80	43	1096288	105.177	ug/l	100
24) 1,1-Dichloroethane	3.69	63	137379	19.521	ug/l	98
25) 2-Butanone	4.65	43	264897	100.263	ug/l	100
26) 2,2-Dichloropropane	4.56	77	104935	18.783	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	85289	19.506	ug/l	98
28) Bromochloromethane	5.00	49	68612	21.410	ug/l	100
29) Tetrahydrofuran	5.11	42	172064	101.031	ug/l	99
30) Chloroform	5.20	83	135522	19.757	ug/l	100
31) Cyclohexane	5.56	56	123068	19.605	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	116001	20.401	ug/l	98
36) 1,1-Dichloropropene	5.79	75	101301	18.999	ug/l	97
37) Ethyl Acetate	4.82	43	104706	21.170	ug/l	99
38) Carbon Tetrachloride	5.77	117	96426	19.159	ug/l	97

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Manual Integrations
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Quant Time: Mar 05 07:54:18 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	7.45	83	124780	20.042	ug/l	98
40) Benzene	6.13	78	311766	19.708	ug/l	100
41) Methacrylonitrile	5.03	41	60045	20.212	ug/l	97
42) 1,2-Dichloroethane	6.18	62	111200	20.469	ug/l	98
43) Isopropyl Acetate	6.43	43	176934	20.335	ug/l	100
44) Trichloroethene	7.20	130	86414	19.615	ug/l	99
45) 1,2-Dichloropropane	7.50	63	81392	19.878	ug/l	99
46) Dibromomethane	7.65	93	54362	20.375	ug/l	99
47) Bromodichloromethane	7.89	83	104105	19.732	ug/l	98
48) Methyl methacrylate	7.76	41	87081	19.664	ug/l	98
49) 1,4-Dioxane	7.75	88	38441	401.482	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	533406	103.685	ug/l	100
52) Toluene	8.78	92	195234	20.185	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	116025	20.661	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126065	19.857	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	80754	20.284	ug/l	96
56) Ethyl methacrylate	9.17	69	118385	20.848	ug/l	99
57) 1,3-Dichloropropane	9.36	76	136473	20.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	307960	99.549	ug/l	100
59) 2-Hexanone	9.48	43	395580	103.745	ug/l	99
60) Dibromochloromethane	9.57	129	83825	20.044	ug/l	100
61) 1,2-Dibromoethane	9.67	107	84087	20.109	ug/l	100
64) Tetrachloroethene	9.33	164	86252	19.754	ug/l	98
65) Chlorobenzene	10.13	112	210621	19.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	79081	19.781	ug/l	99
67) Ethyl Benzene	10.24	91	366418	20.353	ug/l	99
68) m/p-Xylenes	10.35	106	283276	41.357	ug/l	100
69) o-Xylene	10.70	106	135659	20.686	ug/l	98
70) Styrene	10.71	104	227934	20.271	ug/l	99
71) Bromoform	10.85	173	61572	19.861	ug/l #	100
73) Isopropylbenzene	11.01	105	357124	20.546	ug/l	100
74) N-amyl acetate	10.89	43	147523	20.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	116516	20.114	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	113918m	20.989	ug/l	
77) Bromobenzene	11.25	156	96864	19.996	ug/l	98
78) n-propylbenzene	11.35	91	408324	20.562	ug/l	100
79) 2-Chlorotoluene	11.42	91	242466	20.446	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	300435	20.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35773	18.706	ug/l	93
82) 4-Chlorotoluene	11.51	91	287005	20.485	ug/l	99
83) tert-Butylbenzene	11.76	119	287540	20.552	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	307764	21.172	ug/l	98
85) sec-Butylbenzene	11.94	105	353609	20.937	ug/l	100
86) p-Isopropyltoluene	12.06	119	328412	21.105	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	169518	19.907	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	174048	19.797	ug/l	99
89) n-Butylbenzene	12.38	91	286121	20.674	ug/l	99
90) Hexachloroethane	12.59	117	55865	18.990	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	167185	19.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23881	20.588	ug/l	100

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Instrument :
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ClientSampleId :
VX0304WBSD01

Manual Integrations
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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	119468	20.329	ug/l	100
94) Hexachlorobutadiene	13.77	225	58878	19.524	ug/l	98
95) Naphthalene	13.83	128	342640	19.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122772	20.938	ug/l	99

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

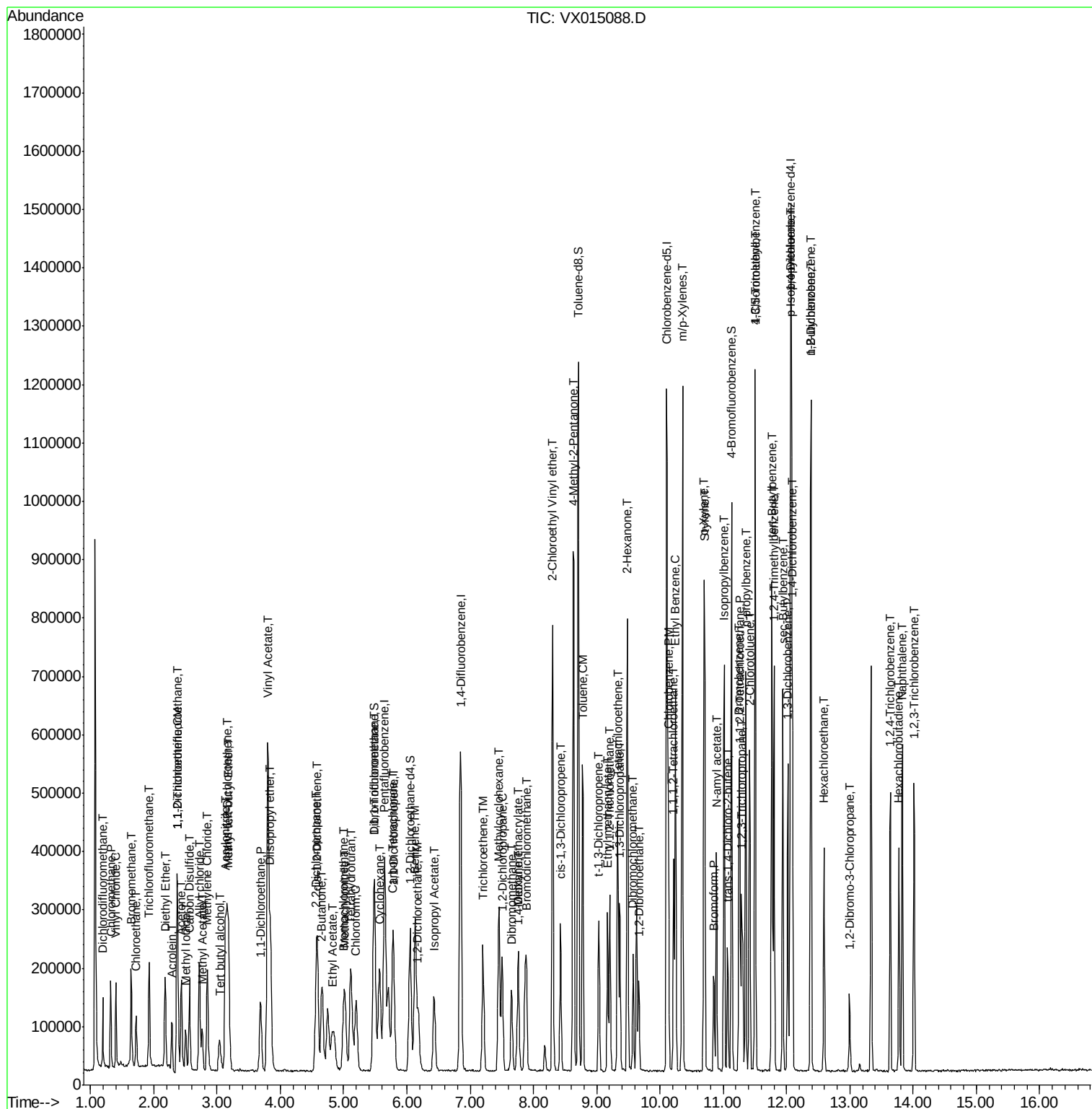
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Data File : VX015088.D
Acq On : 04 Mar 2020 15:34
Operator : JC/SP
Sample : VX0304WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

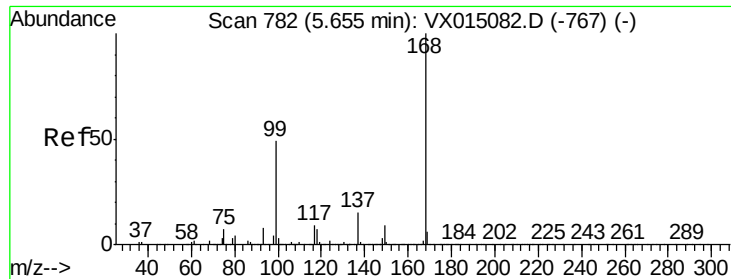
Instrument :
MSVOA_X
ClientSampled :
VX0304WBSD01

Manual Integrations
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Quant Time: Mar 05 07:54:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

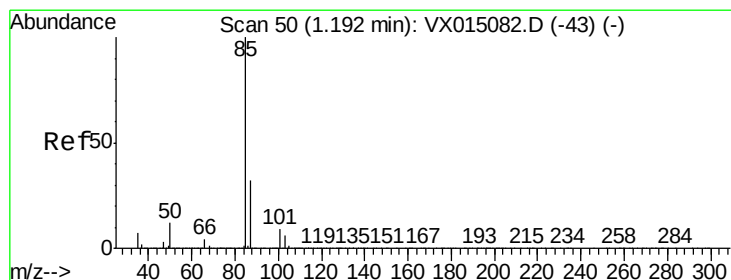
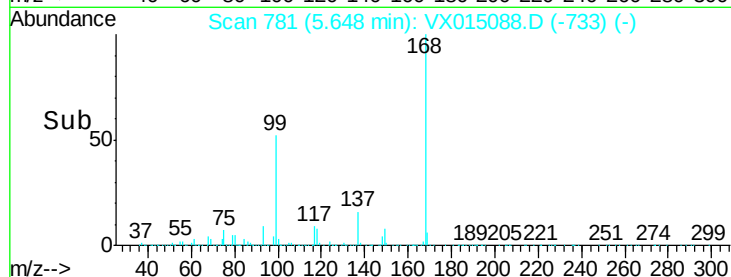
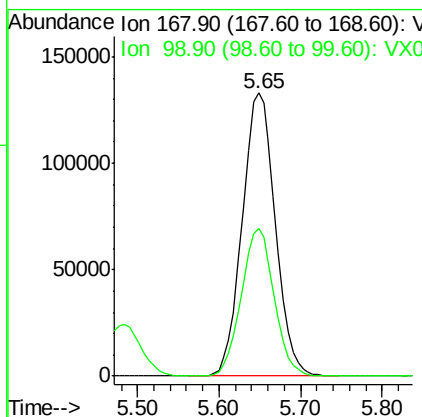
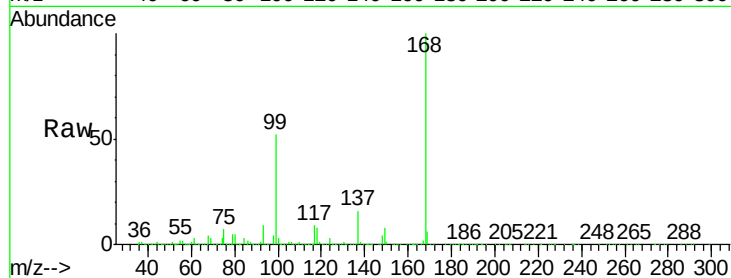
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.8	39.4	59.2

Manual Integrations
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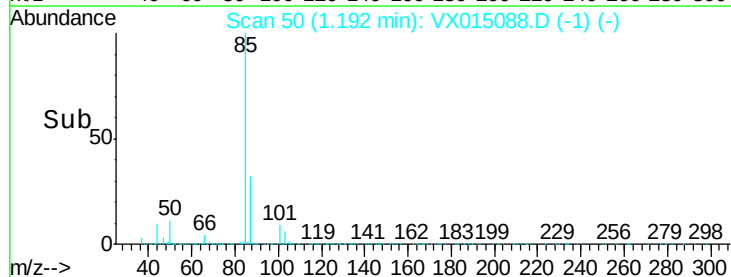
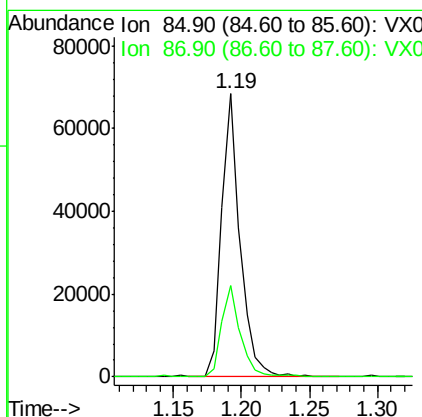
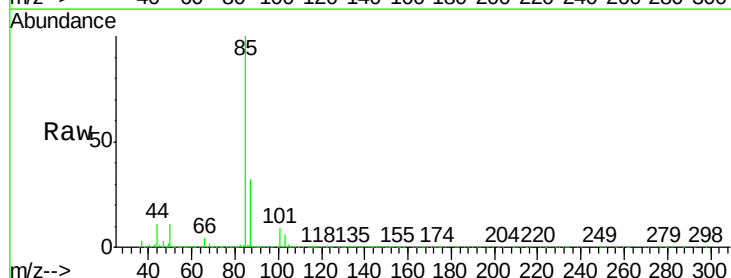
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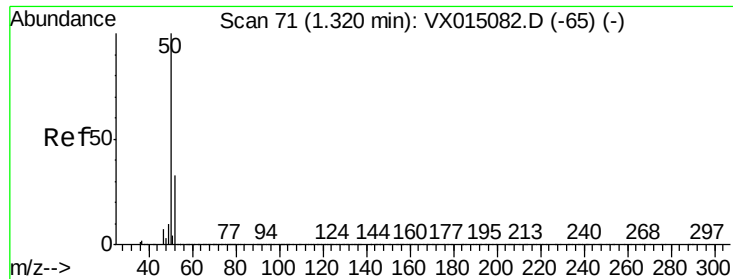


#2

Dichlorodifluoromethane
 Concen: 19.548 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5





#3

Chloromethane

Concen: 19.444 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion: 50 Resp: 90593

Ion Ratio Lower Upper

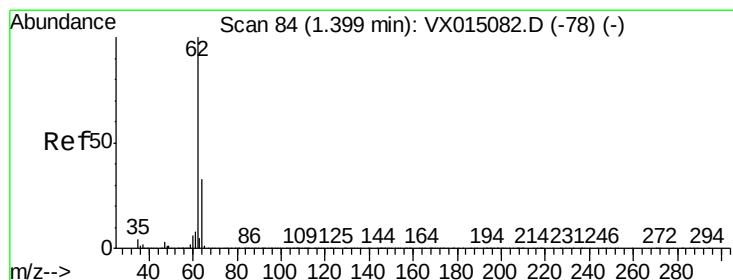
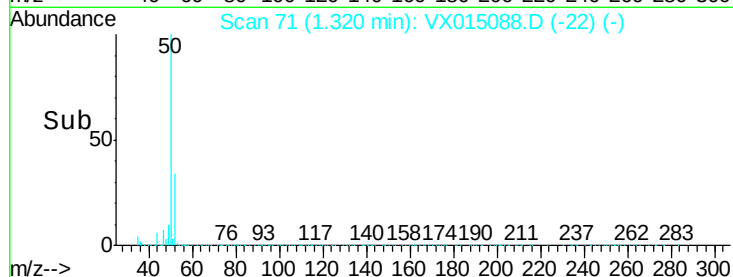
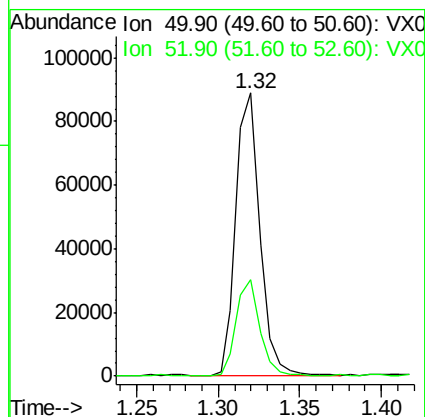
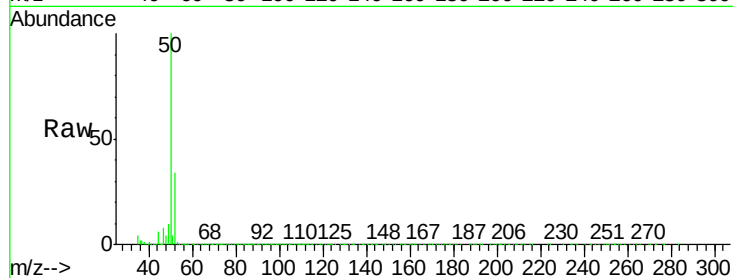
50 100

52 34.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.047 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015088.D

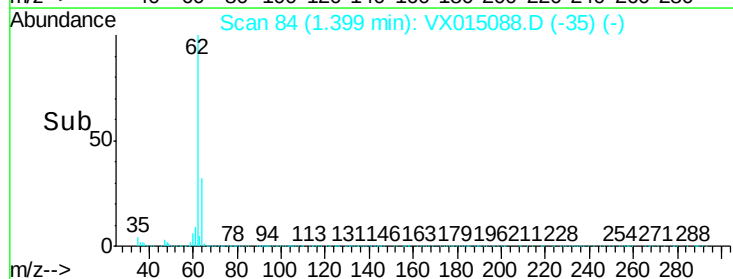
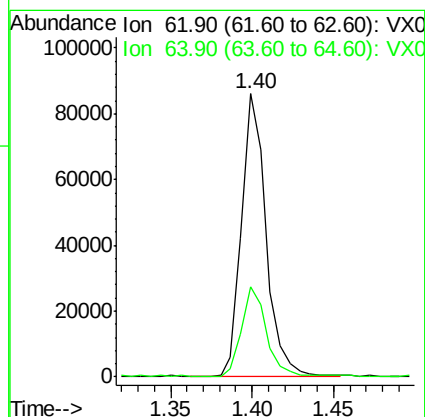
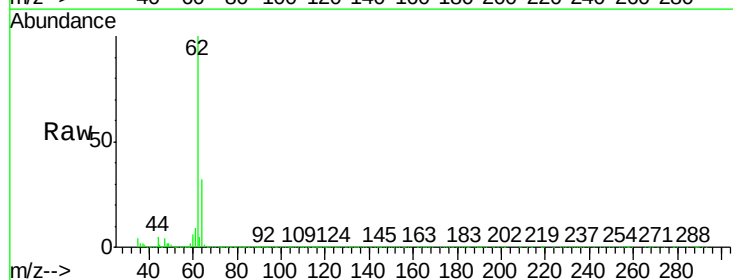
Acq: 04 Mar 2020 15:34

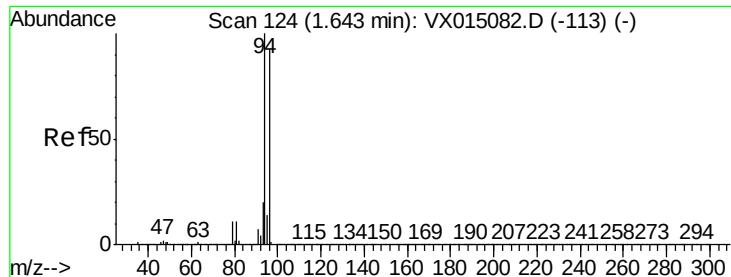
Tgt Ion: 62 Resp: 89984

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 20.657 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion: 94 Resp: 59997

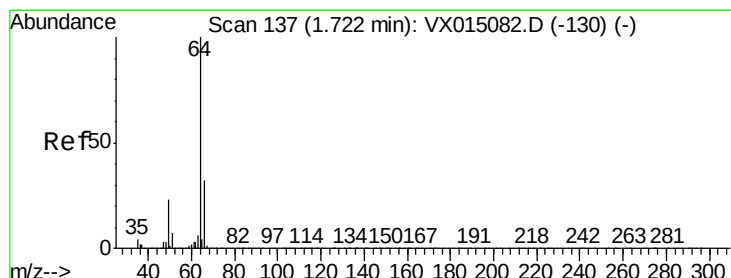
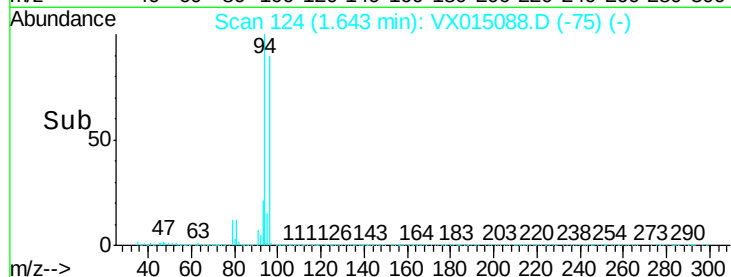
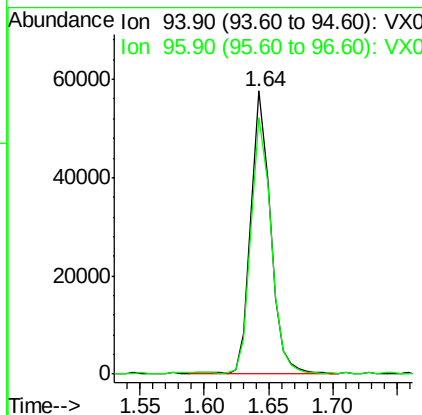
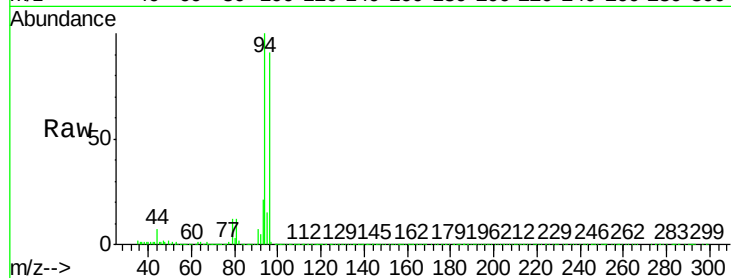
Ion Ratio Lower Upper

94 100

96 90.6 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 19.553 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015088.D

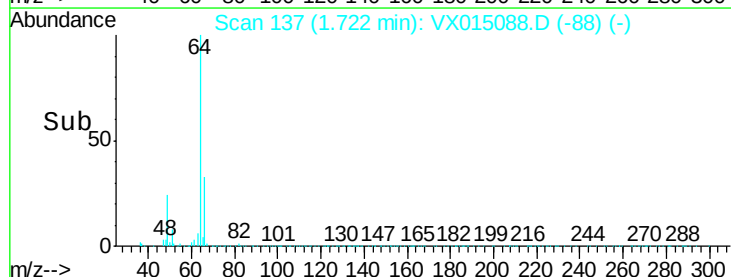
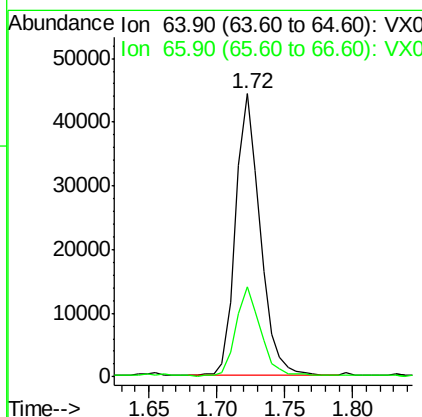
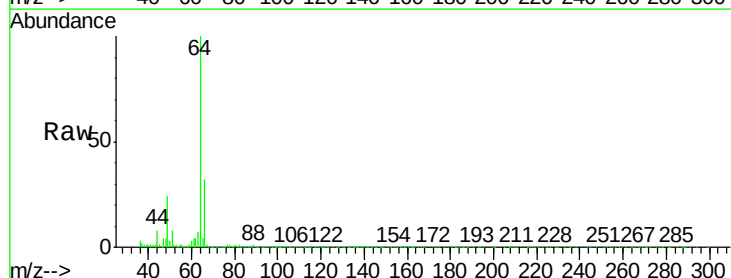
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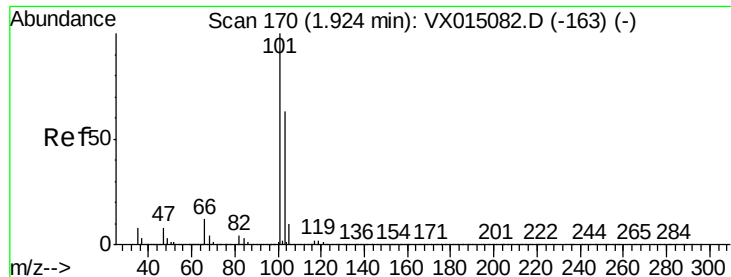
Tgt Ion: 64 Resp: 55413

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8





#7

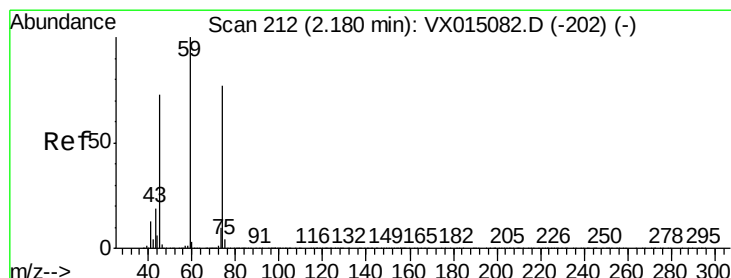
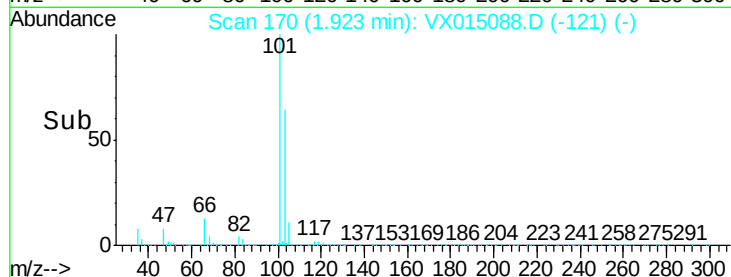
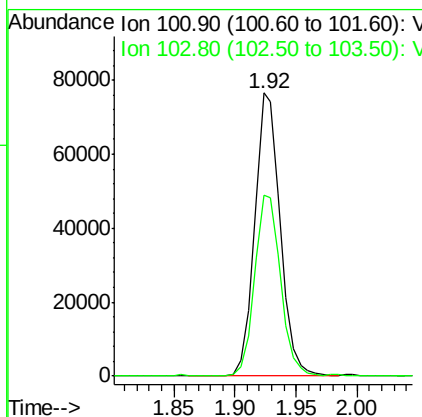
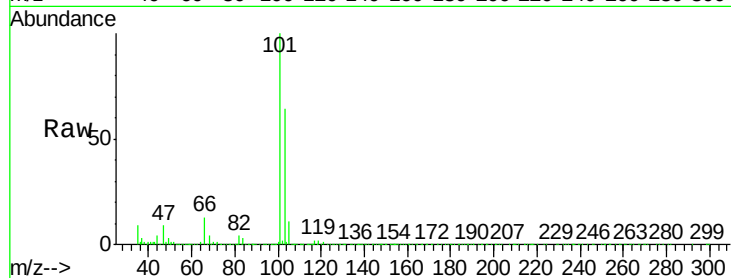
Trichlorofluoromethane
Concen: 19.799 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.4	75.6

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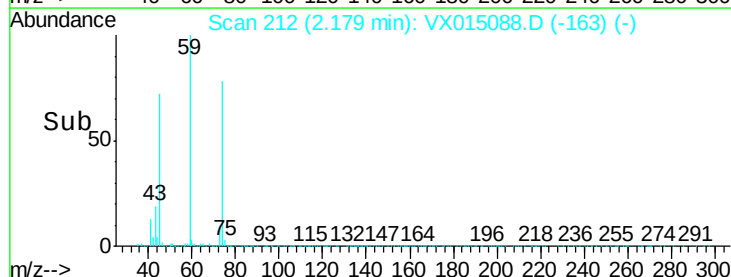
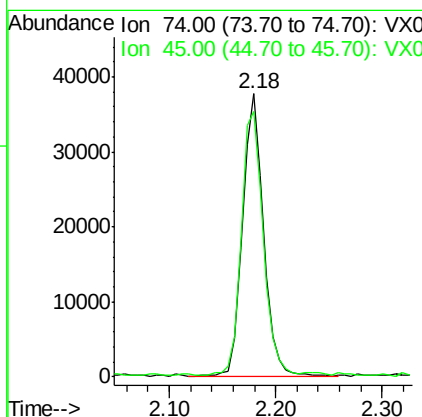
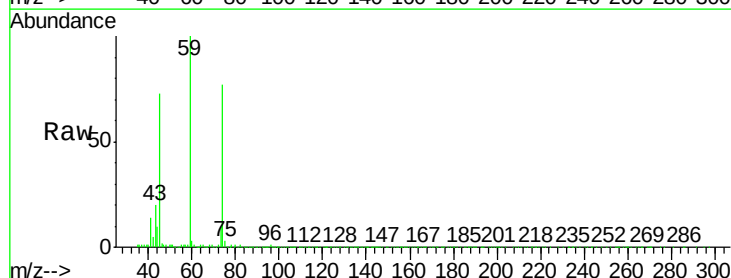
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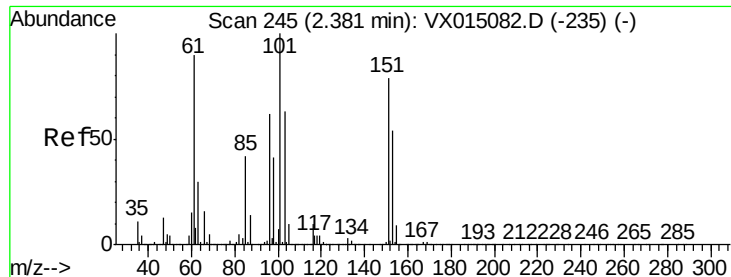


#8

Diethyl Ether
Concen: 20.401 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.2	147.6





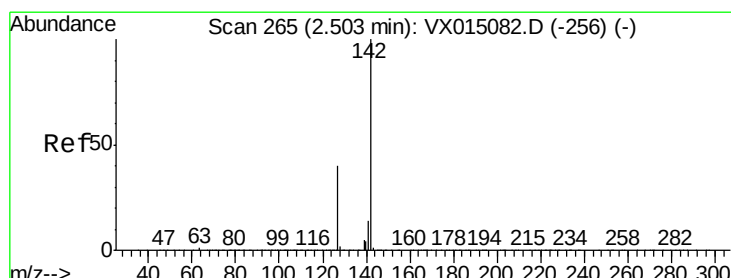
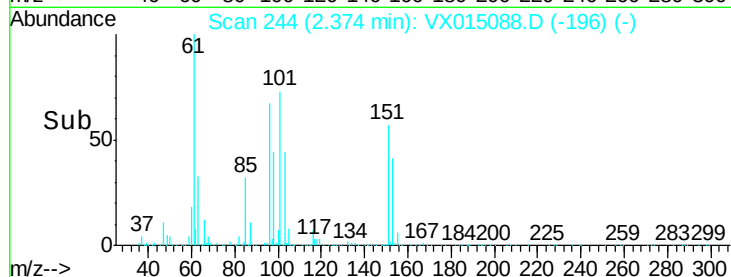
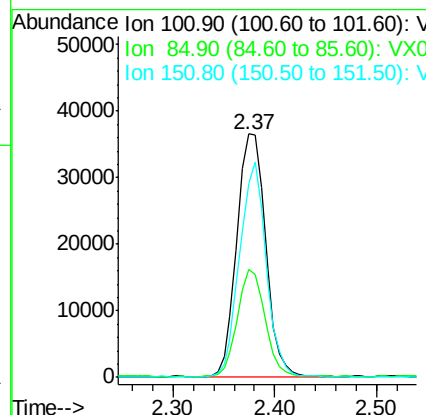
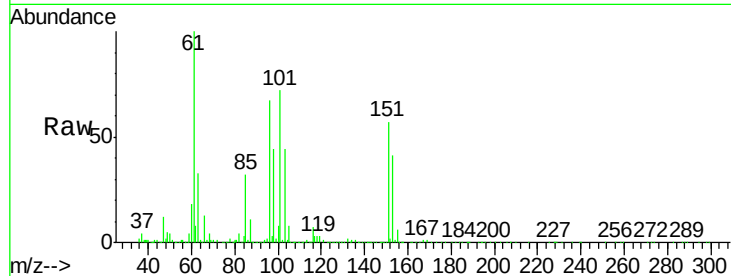
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.364 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	72023		
85	42.6	33.7	50.5	
151	81.5	64.0	96.0	

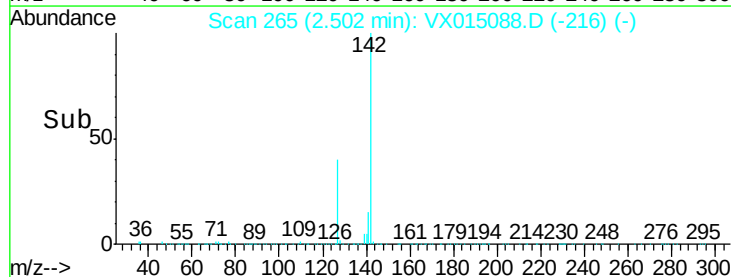
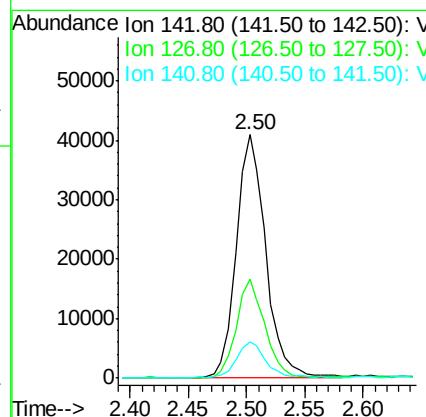
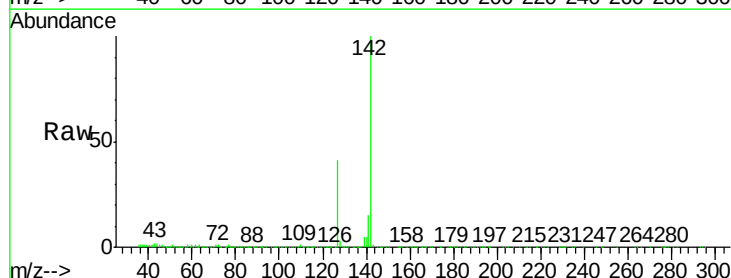
Manual Integrations
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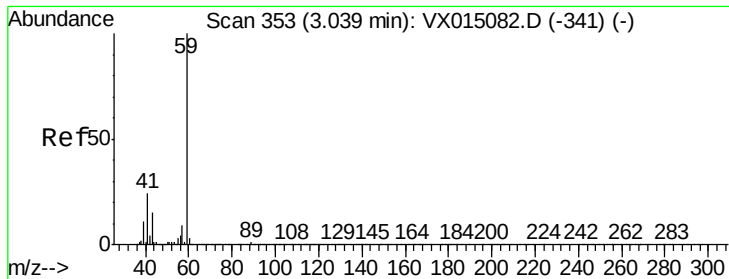
MMDadoda
3/5/2020 3:53:53 PM



#10
Methyl Iodide
Concen: 18.004 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	71938		
127	39.4	31.7	47.5	
141	15.5	11.3	16.9	





#11

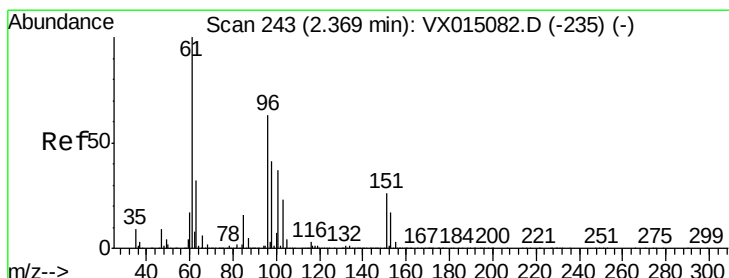
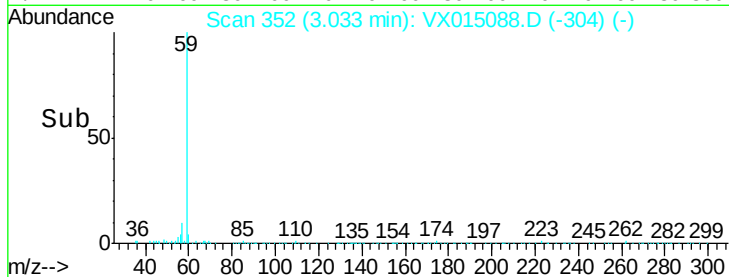
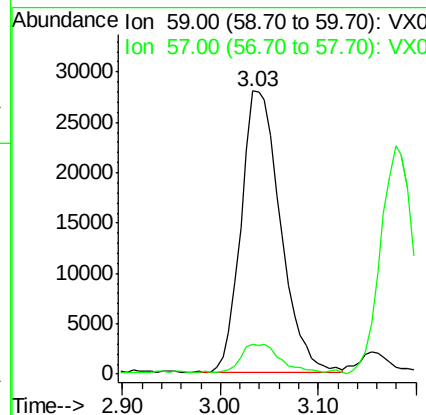
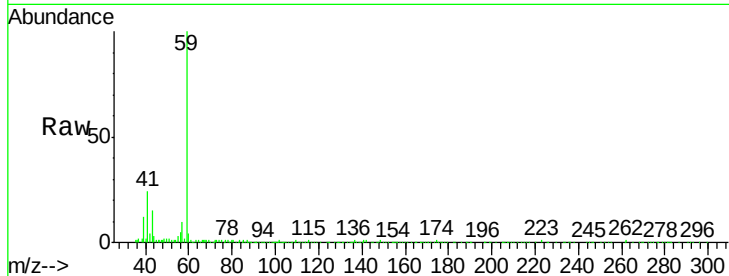
Tert butyl alcohol
Concen: 101.140 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.0	8.2	12.4

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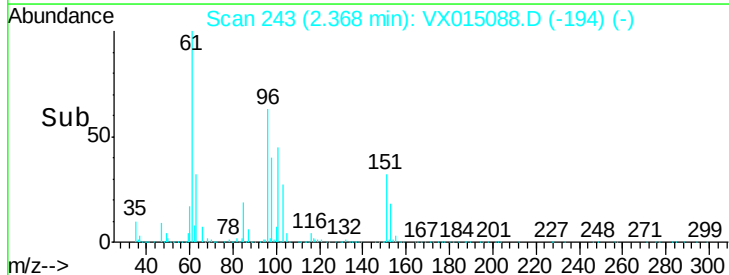
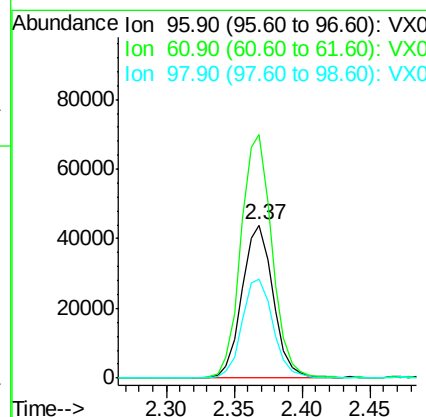
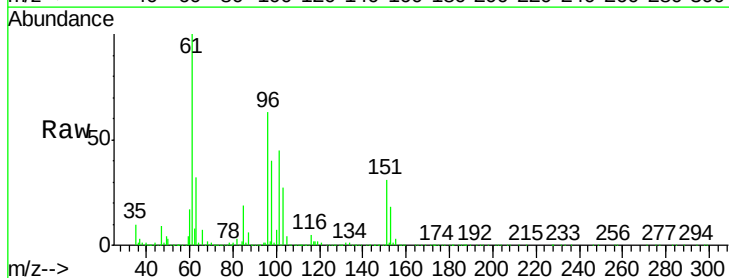
MMDadoda
3/5/2020 3:53:53 PM

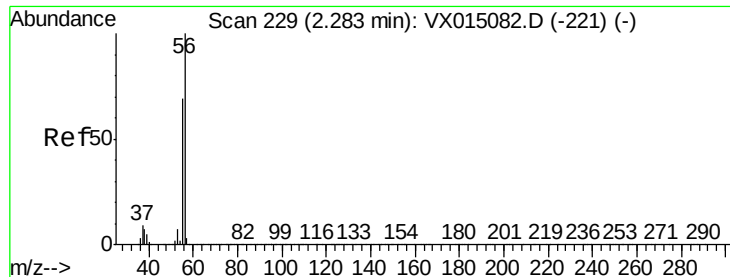


#12

1,1-Dichloroethene
Concen: 19.103 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	158.8	126.2	189.4
98	98	64.3	51.4	77.0





#13

Acrolein

Concen: 89.233 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion: 56 Resp: 64834

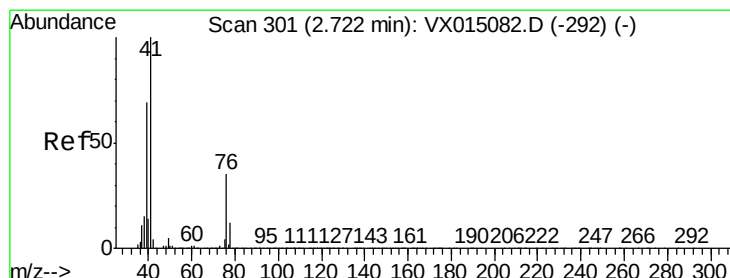
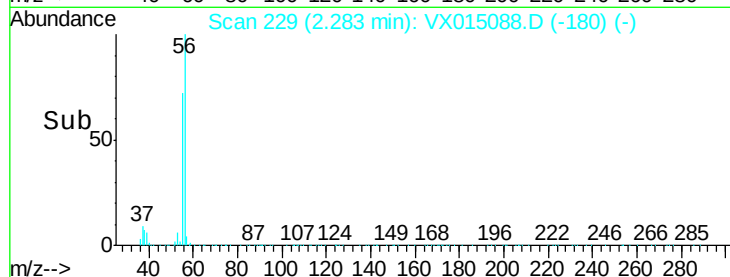
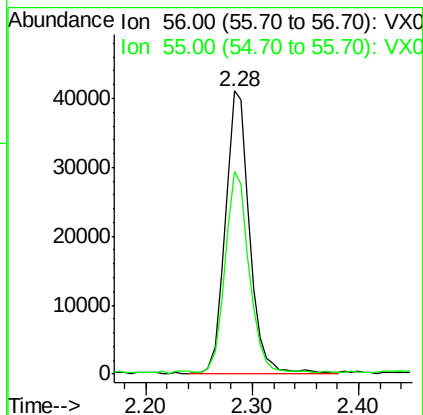
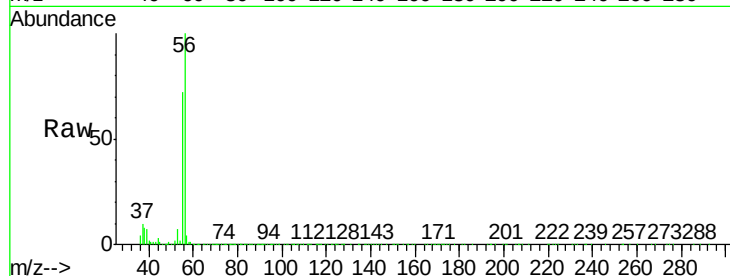
Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0

Manual Integrations
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MMDadoda
3/5/2020 3:53:53 PM



#14

Allyl chloride

Concen: 19.347 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

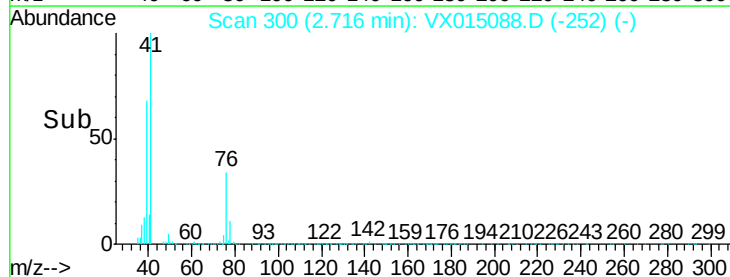
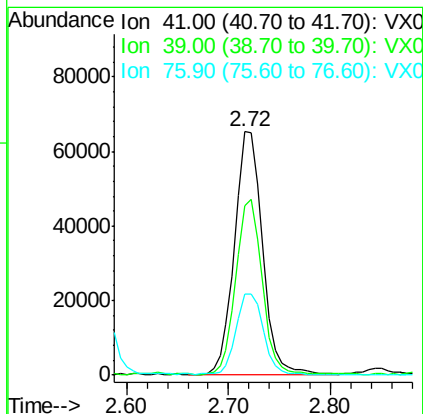
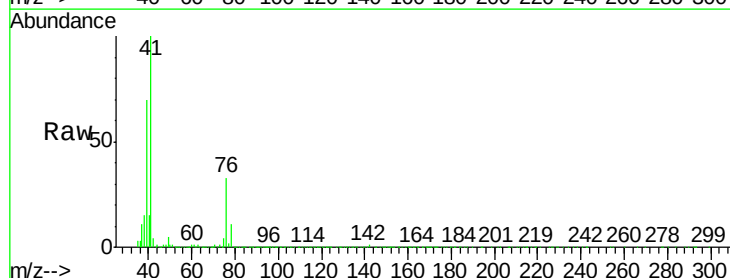
Tgt Ion: 41 Resp: 123133

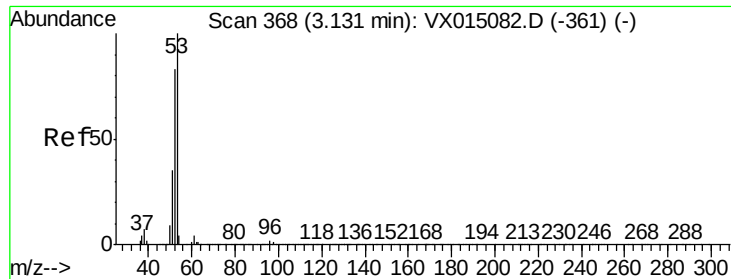
Ion Ratio Lower Upper

41 100

39 67.3 52.9 79.3

76 32.7 26.8 40.2





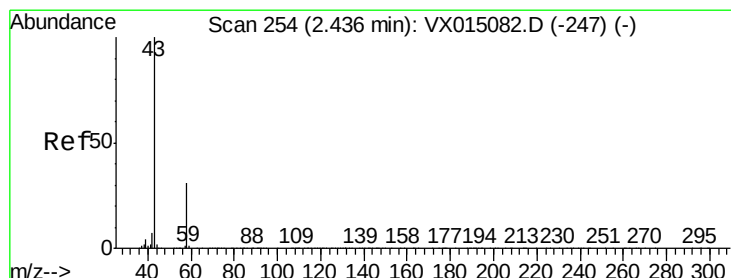
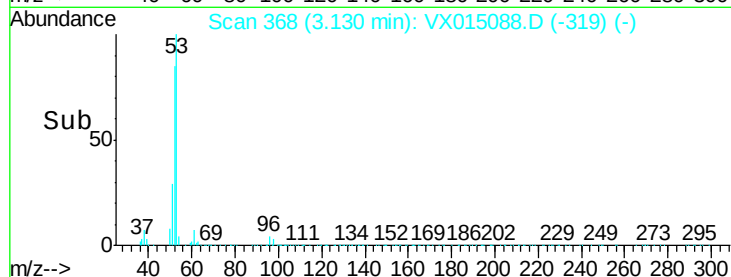
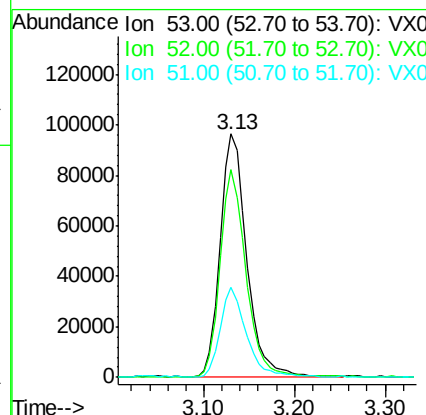
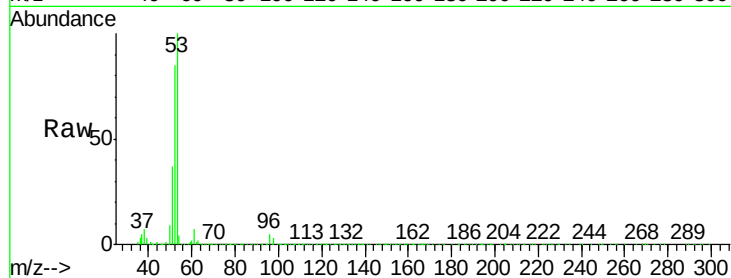
#15
 Acrylonitrile
 Concen: 102.676 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion:	53	Resp:	197696
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.6	100.0
51	36.7	29.0	43.6

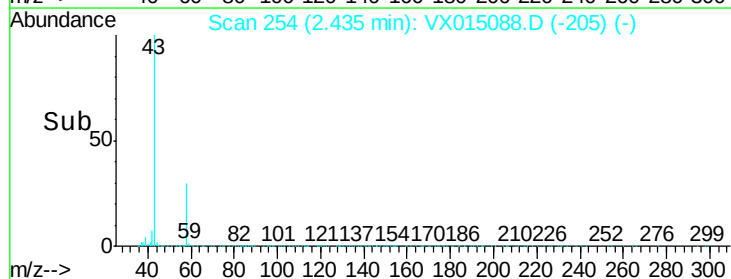
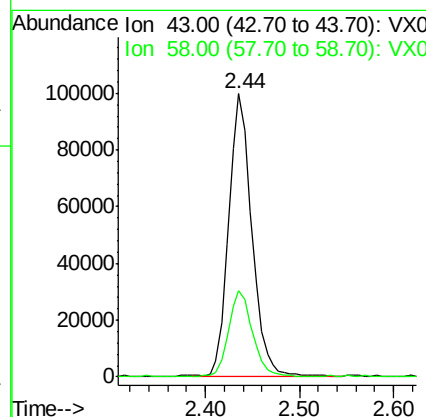
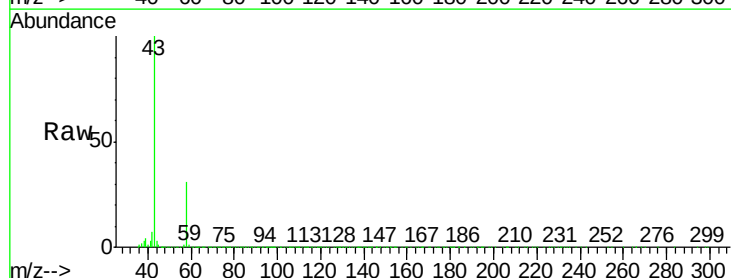
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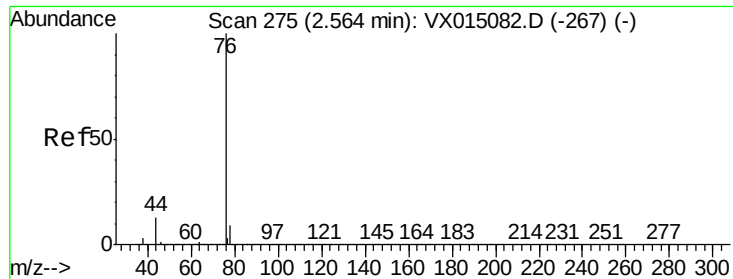
MMDadoda
 3/5/2020 3:53:53 PM



#16
 Acetone
 Concen: 93.495 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion:	43	Resp:	168727
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.8	37.2





#17

Carbon Disulfide

Concen: 18.953 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampled :

VX0304WBSD01

Tot Ion: 76 Resp: 192121

Ion Ratio Lower Upper

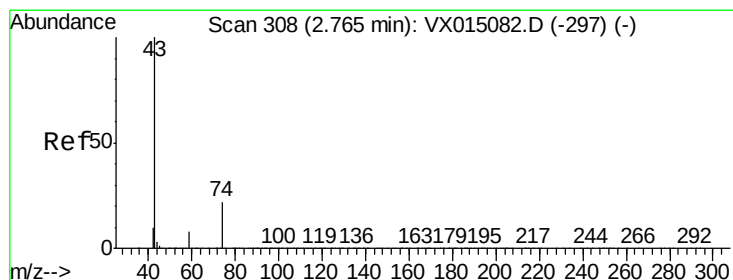
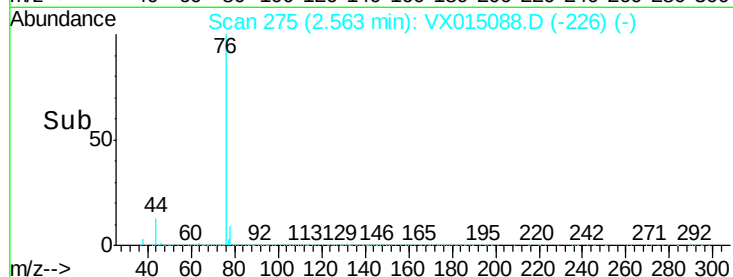
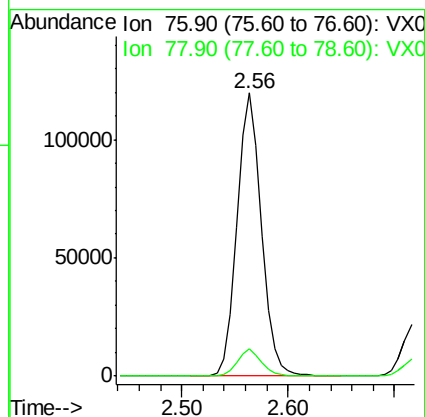
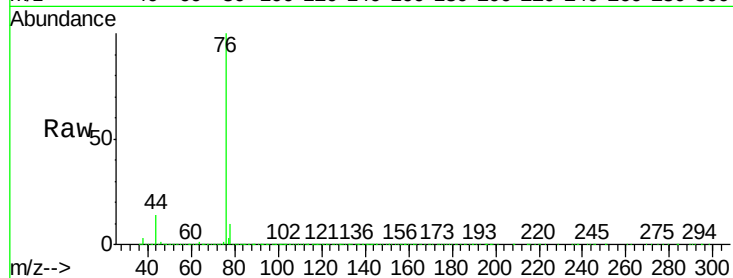
76 100

78 9.4 7.3 10.9

Manual Integrations
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MMDadoda

3/5/2020 3:53:53 PM



#18

Methyl Acetate

Concen: 19.429 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015088.D

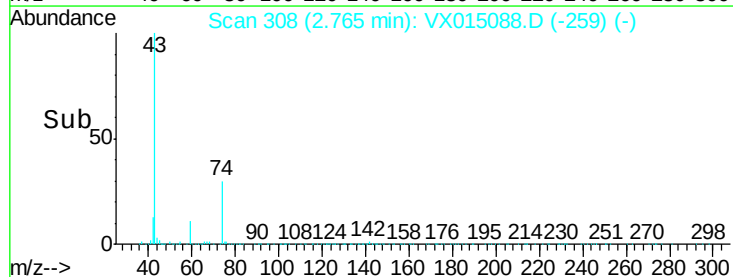
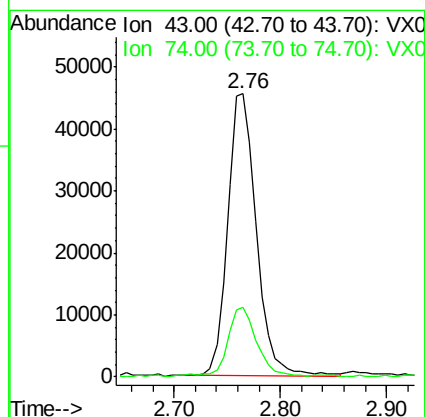
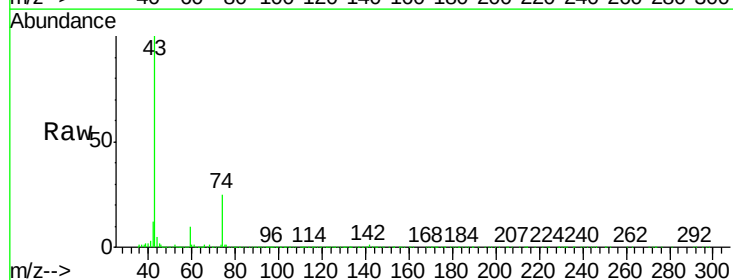
Acq: 04 Mar 2020 15:34

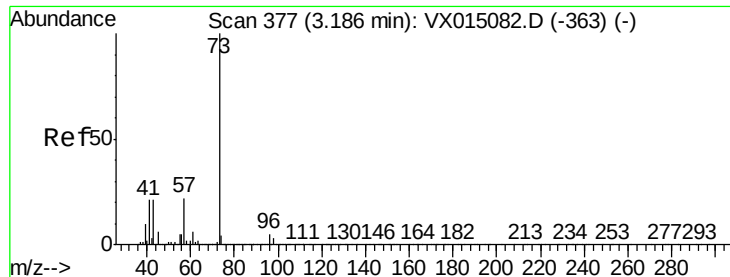
Tgt Ion: 43 Resp: 85734

Ion Ratio Lower Upper

43 100

74 23.4 18.8 28.2





#19

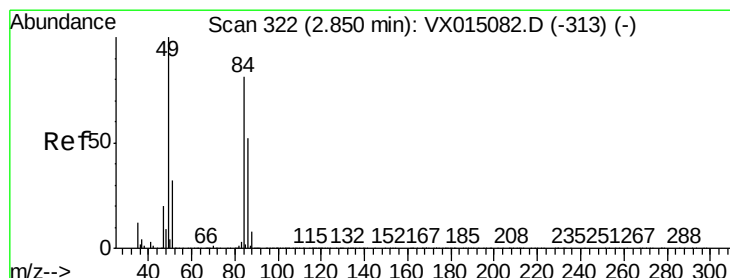
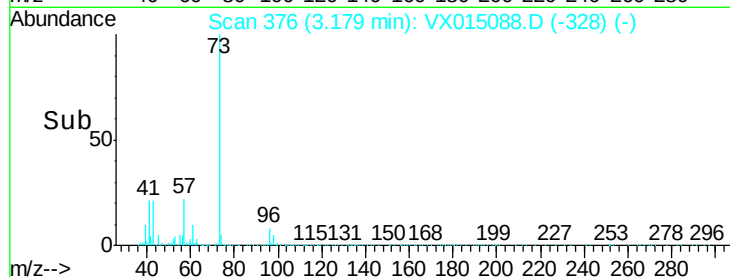
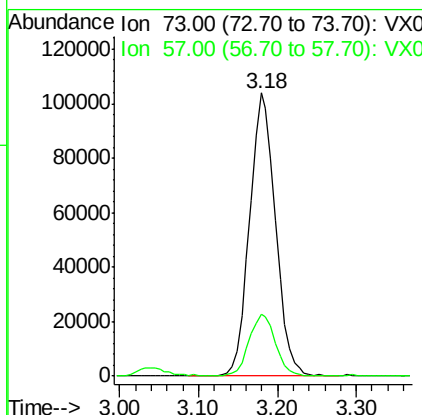
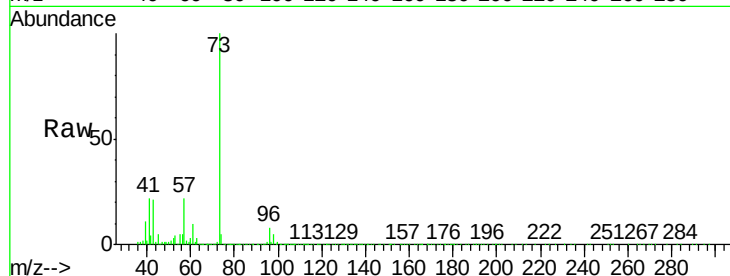
Methyl tert-butyl Ether
 Concen: 20.840 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.6

Manual Integrations
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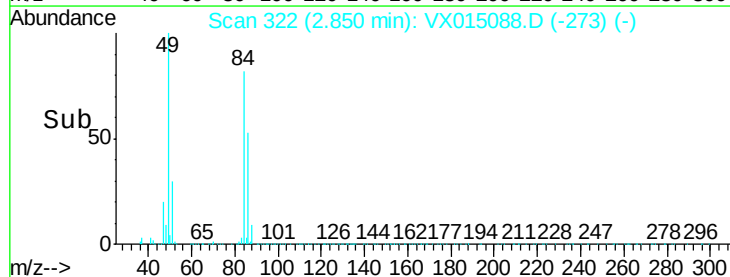
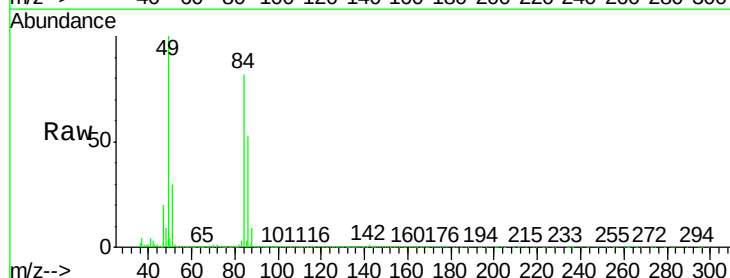
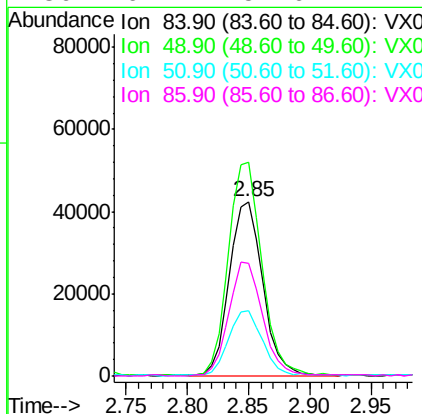
MMDadoda
 3/5/2020 3:53:53 PM

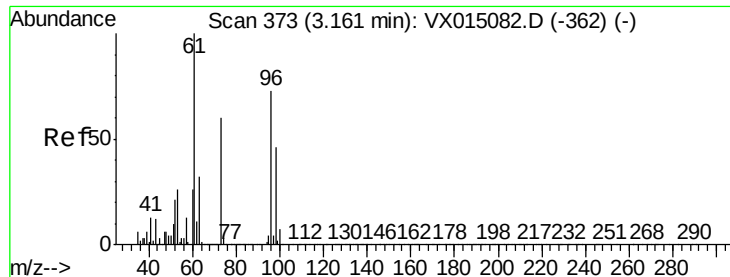


#20

Methylene Chloride
 Concen: 19.096 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.4	149.2
51	36.2	31.5	47.3
86	64.7	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.369 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

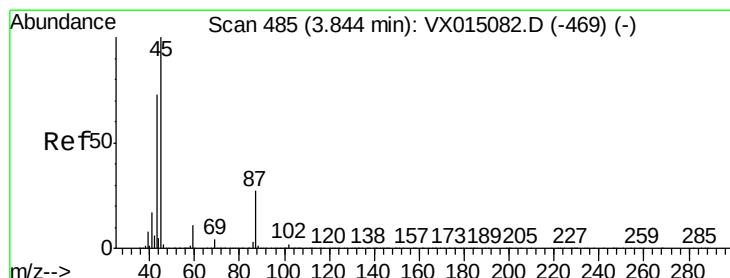
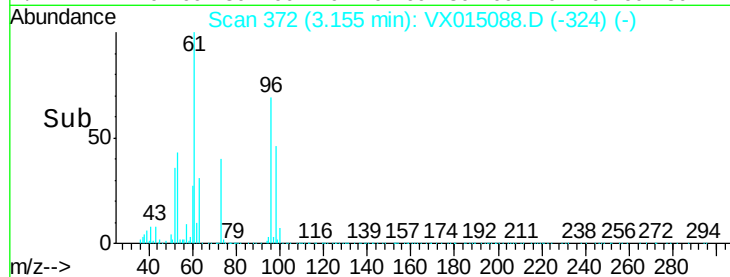
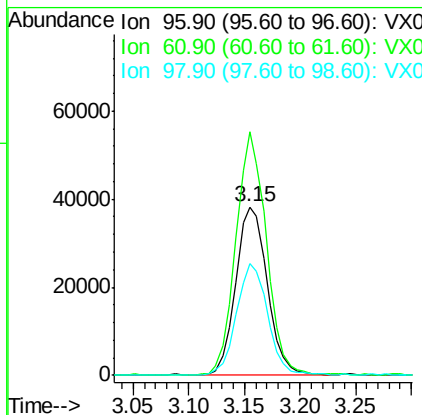
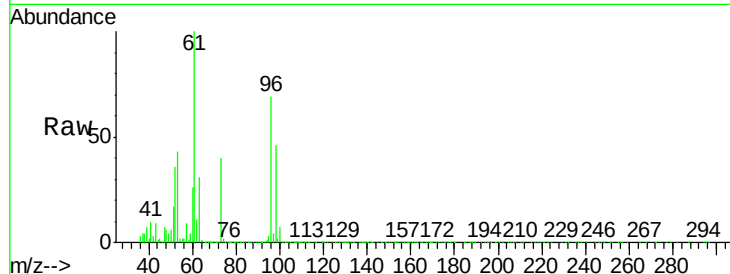
ClientSampleId :

VX0304WBSD01

Tot Ion:	96	Resp:	75489
Ion	Ratio	Lower	Upper
96	100		
61	144.1	109.9	164.9
98	65.8	50.2	75.2

Manual Integrations
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MMDadoda
3/5/2020 3:53:53 PM



#22

Diisopropyl ether

Concen: 20.572 ug/l

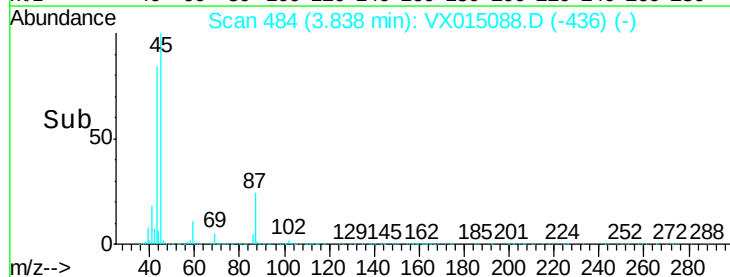
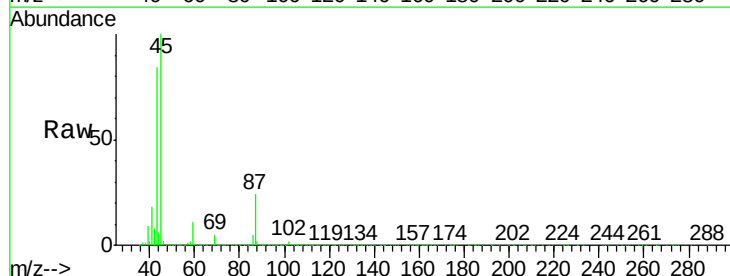
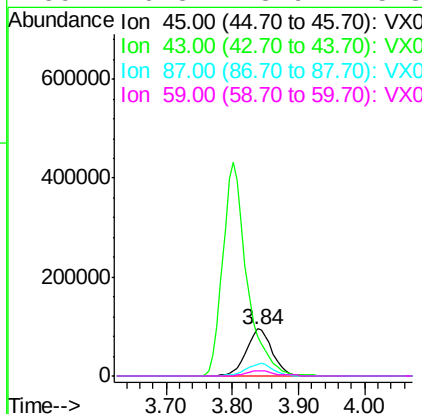
RT: 3.84 min Scan# 484

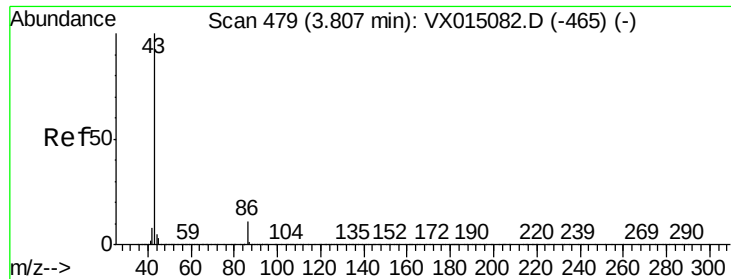
Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion:	45	Resp:	260857
Ion	Ratio	Lower	Upper
45	100		
43	84.3	58.2	87.2
87	23.9	21.2	31.8
59	10.3	8.9	13.3





#23

Vinyl Acetate

Concen: 105.177 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion: 43 Resp: 1096288

Ion Ratio Lower Upper

43 100

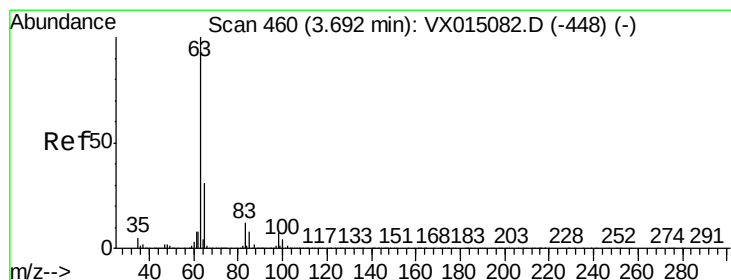
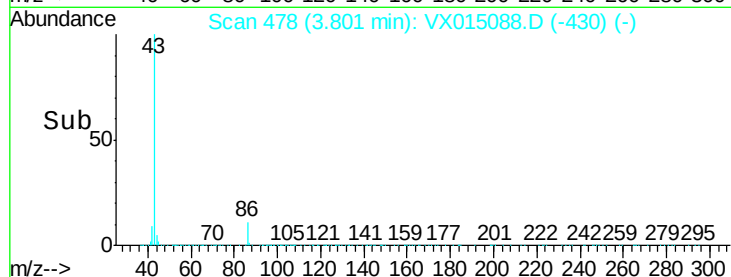
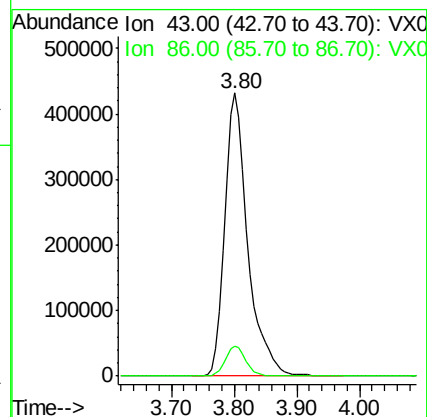
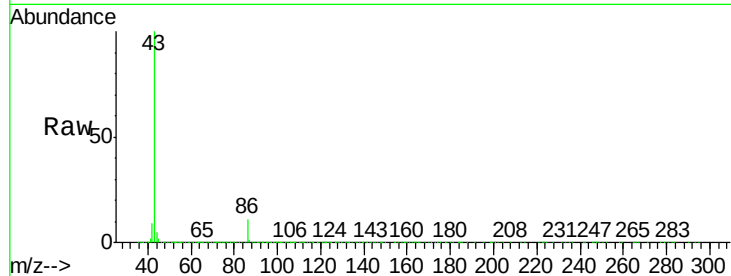
86 10.8 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.521 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

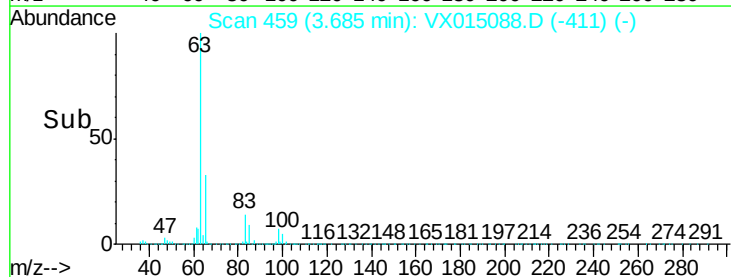
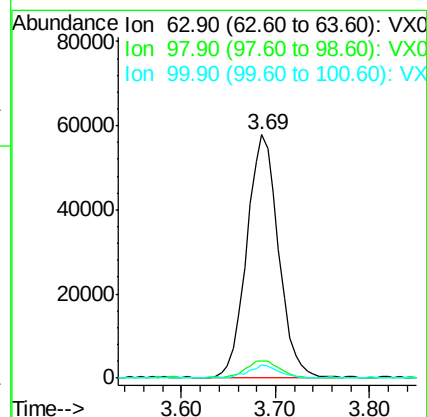
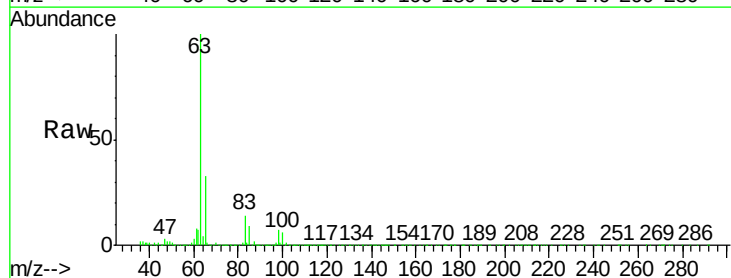
Tgt Ion: 63 Resp: 137379

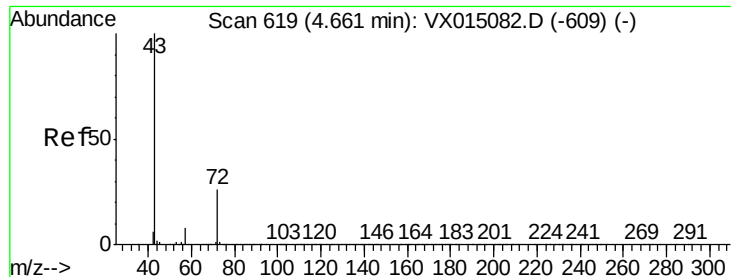
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 5.3 2.1 6.5





#25

2-Butanone

Concen: 100.263 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tot Ion: 43 Resp: 264897

Ion Ratio Lower Upper

43 100

72 25.6 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

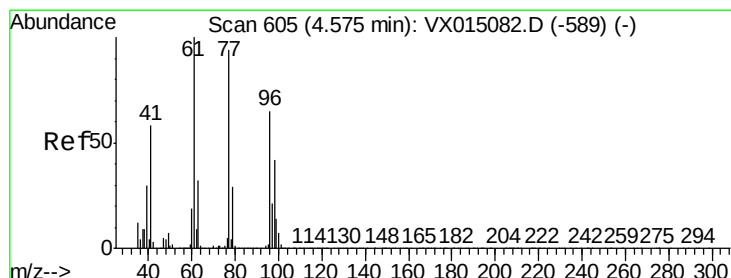
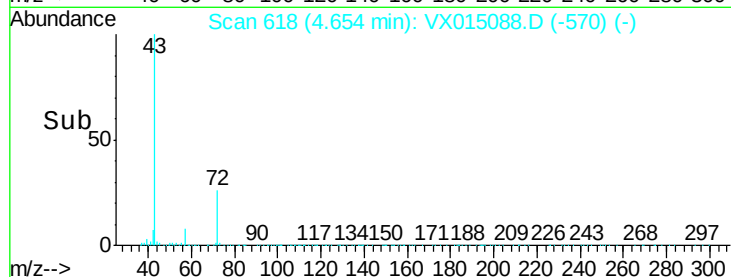
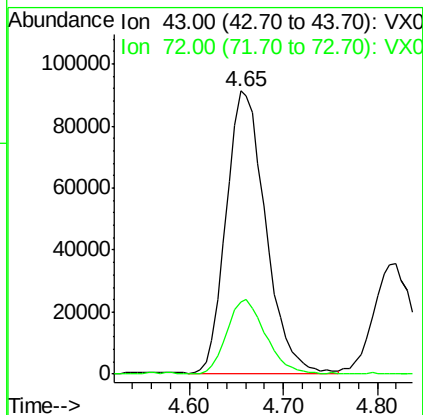
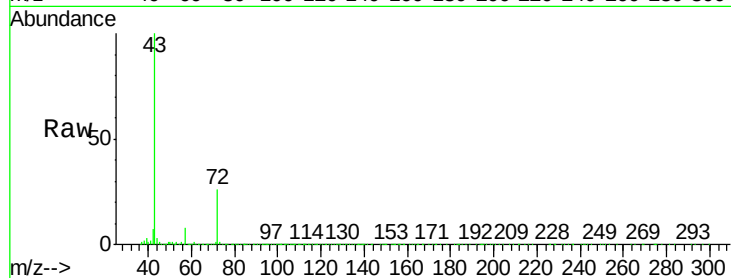
VX0304WBSD01

Manual Integrations

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3/5/2020 3:53:53 PM



#26

2,2-Dichloropropane

Concen: 18.783 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015088.D

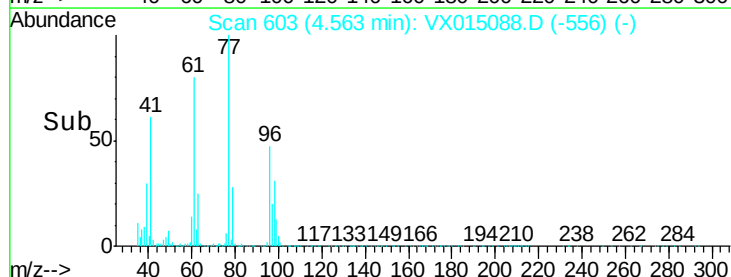
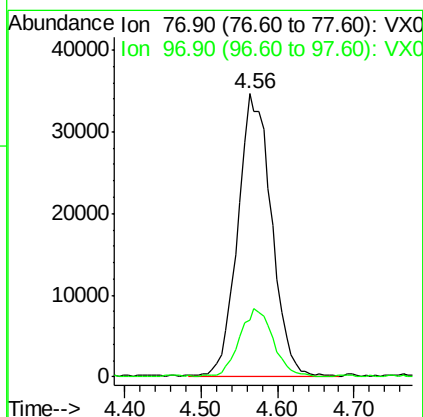
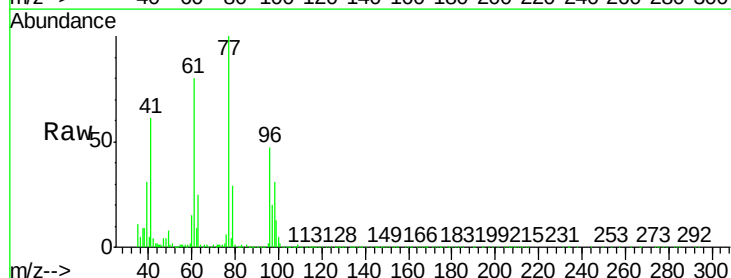
Acq: 04 Mar 2020 15:34

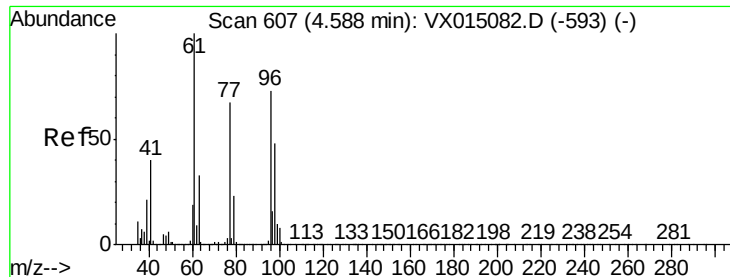
Tgt Ion: 77 Resp: 104935

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.4





#27

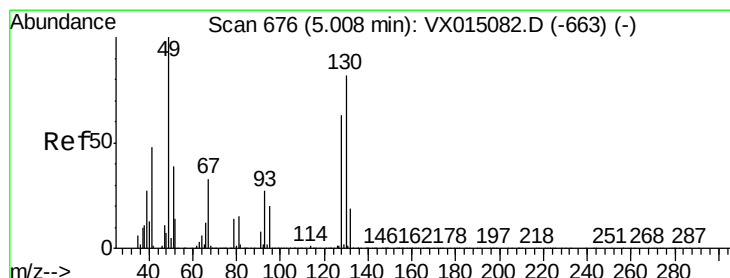
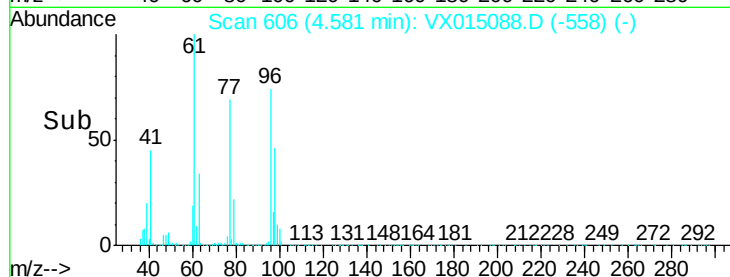
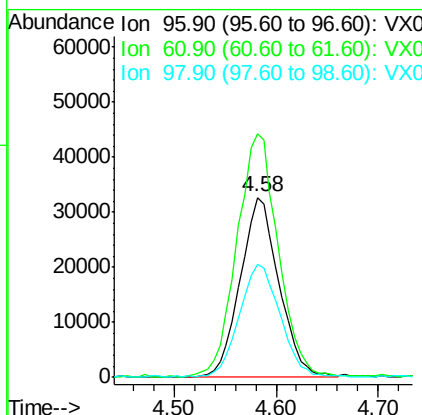
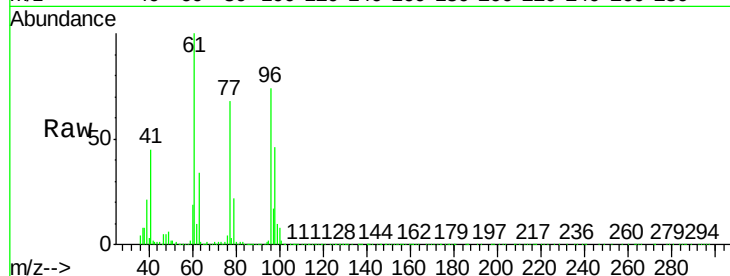
cis-1,2-Dichloroethene
Concen: 19.506 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	286.8
98	67.7	0.0	128.4

Manual Integrations
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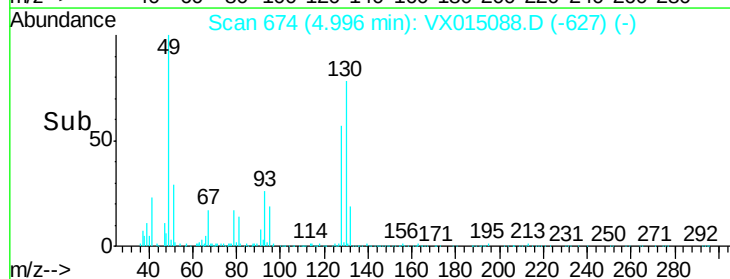
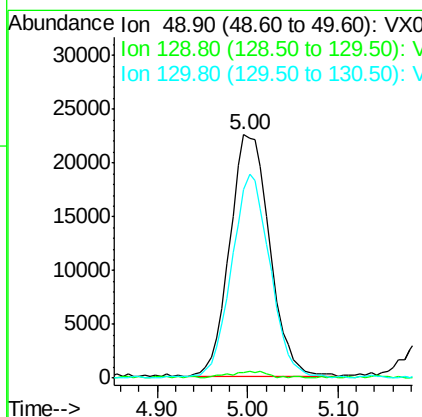
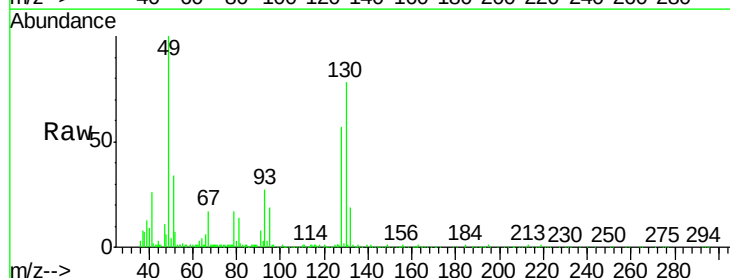
MMDadoda
3/5/2020 3:53:53 PM

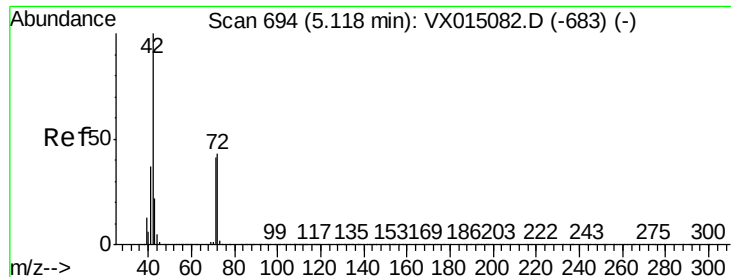


#28

Bromochloromethane
Concen: 21.410 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	81.7	65.0	97.6





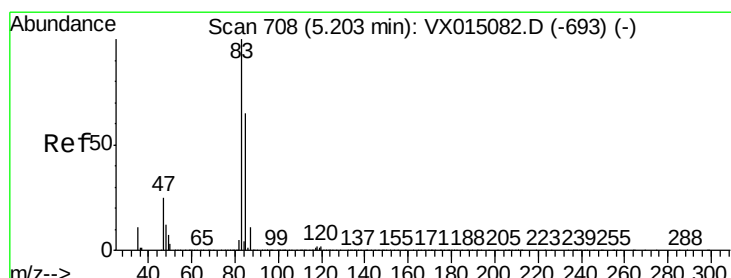
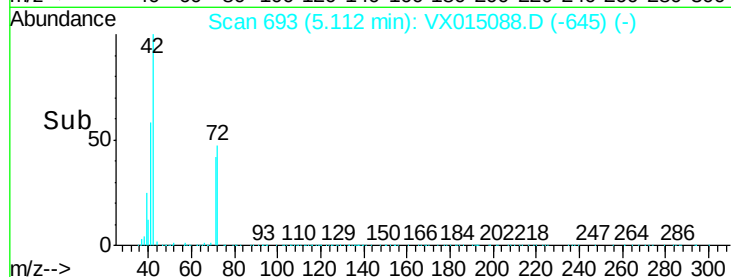
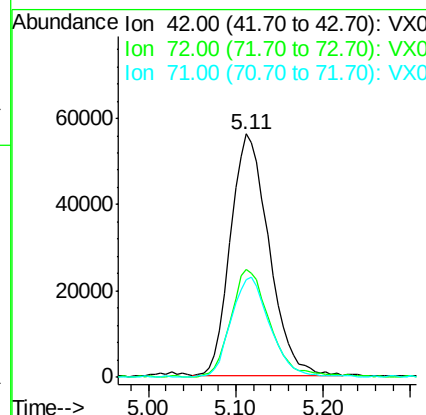
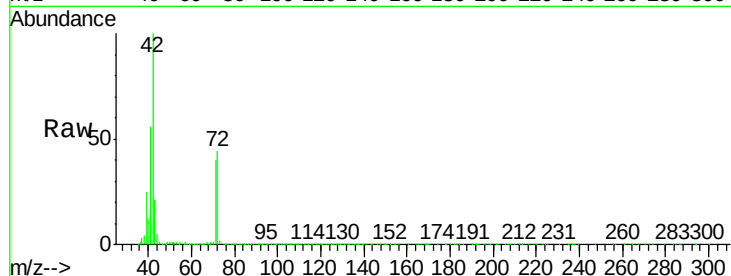
#29
Tetrahydrofuran
Concen: 101.031 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.4	54.6
71	41.5	33.3	49.9

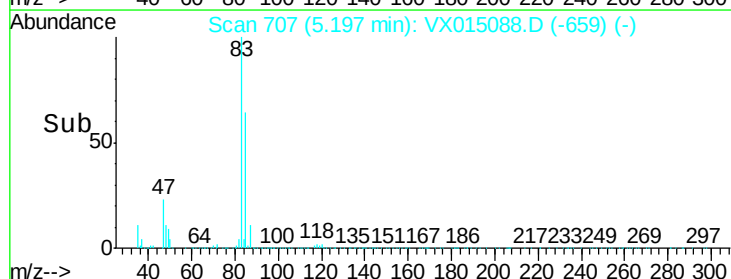
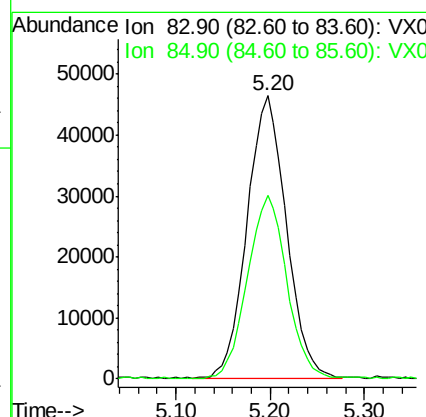
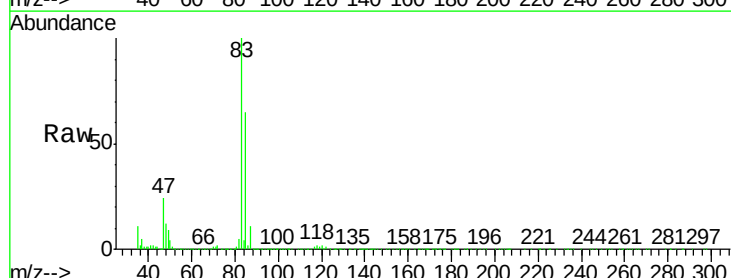
Manual Integrations
APPROVED

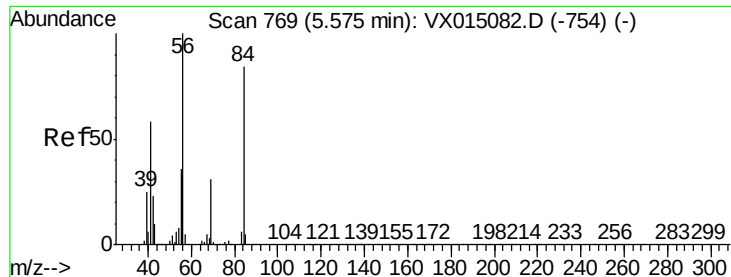
MMDadoda
3/5/2020 3:53:53 PM



#30
Chloroform
Concen: 19.757 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.0	78.0





#31

Cyclohexane

Concen: 19.605 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

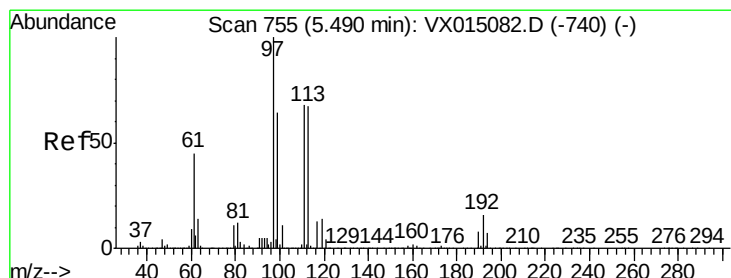
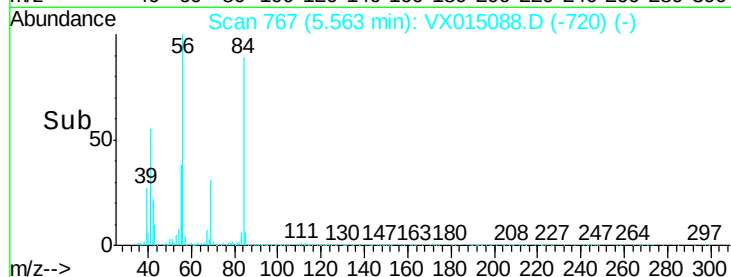
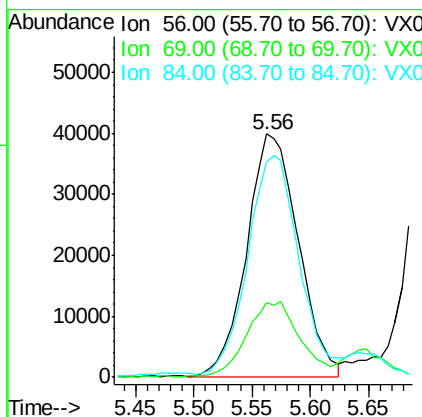
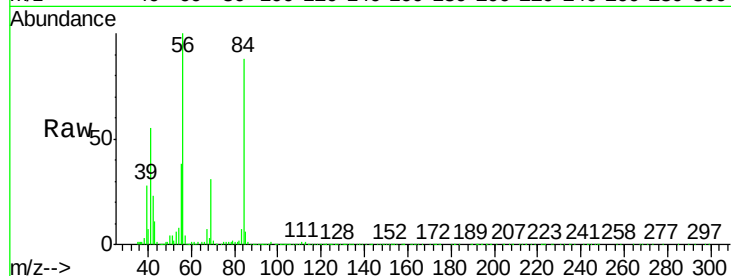
ClientSampleId :

VX0304WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.2	25.0	37.6	
84	86.8	67.6	101.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.401 ug/l

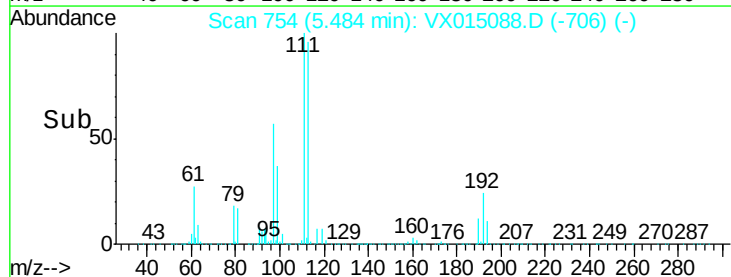
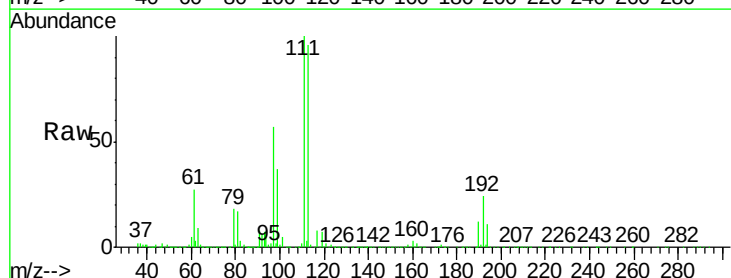
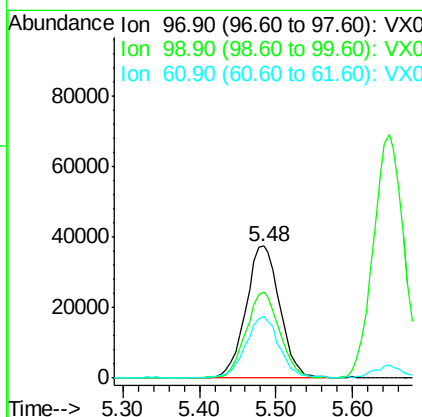
RT: 5.48 min Scan# 754

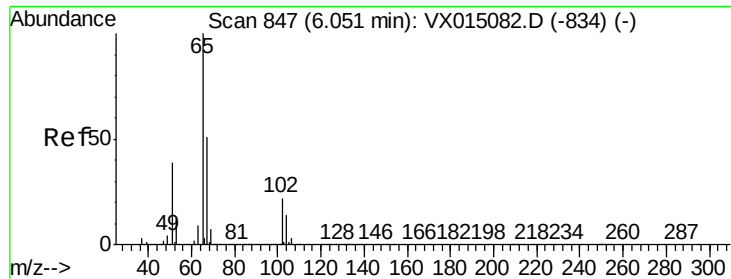
Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.9	52.8	79.2	
61	46.5	36.6	54.8	





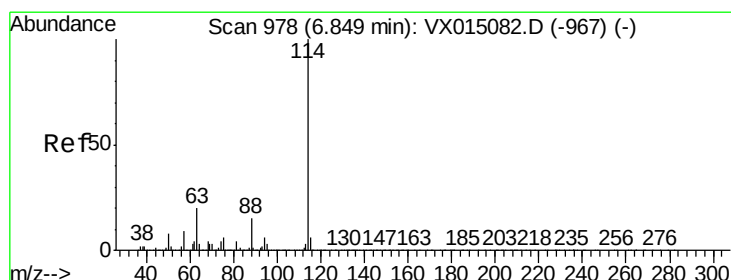
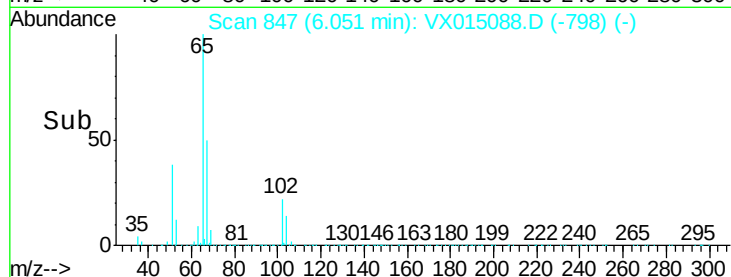
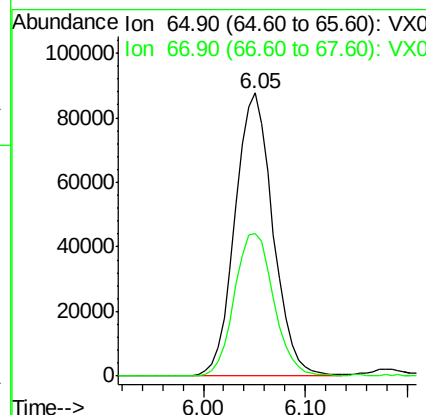
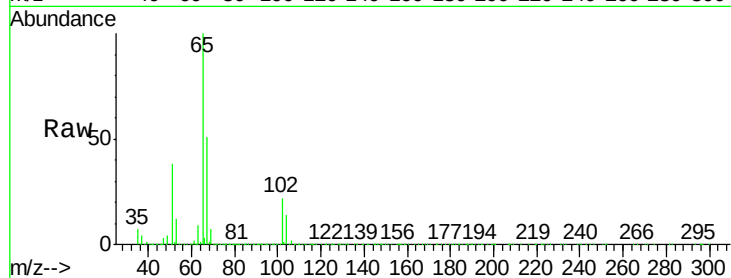
#33
 1,2-Dichloroethane-d4
 Concen: 50.377 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224489		
67	52.4	0.0	105.6	

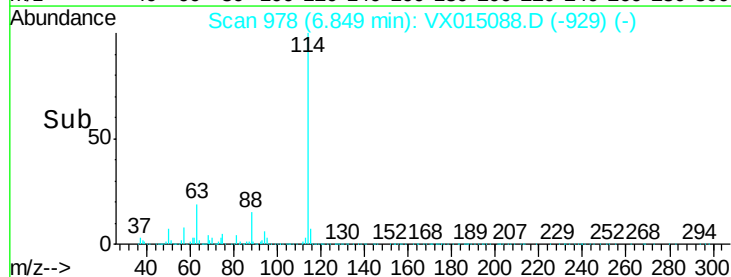
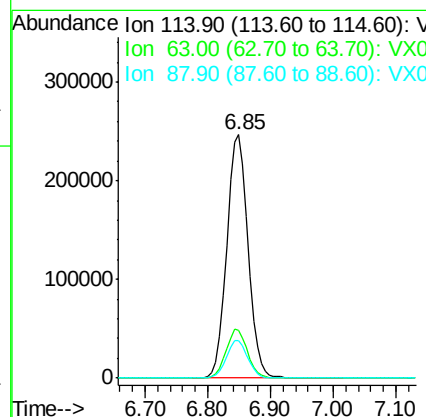
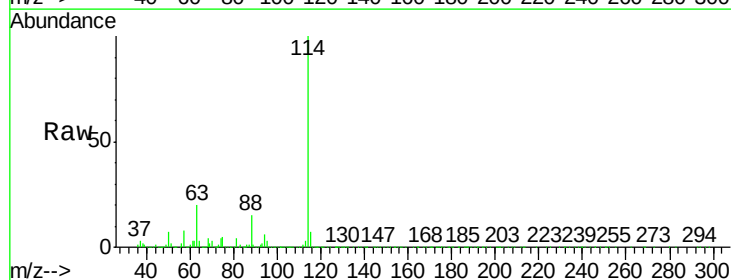
Manual Integrations
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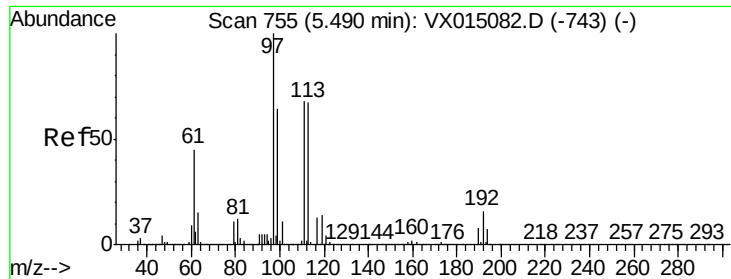
MMDadoda
 3/5/2020 3:53:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	576765		
63	19.5	0.0	40.0	
88	15.1	0.0	30.6	





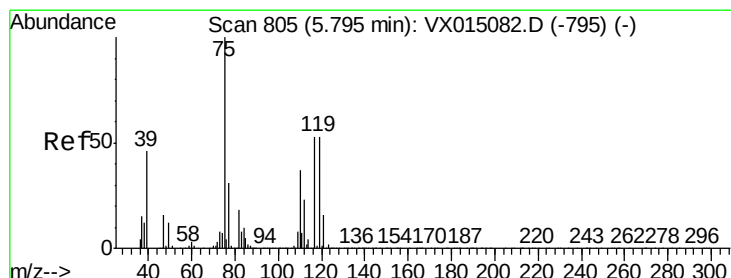
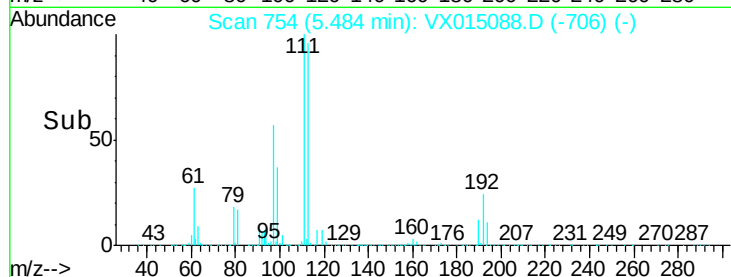
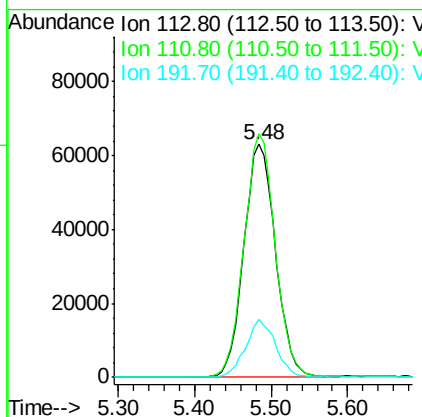
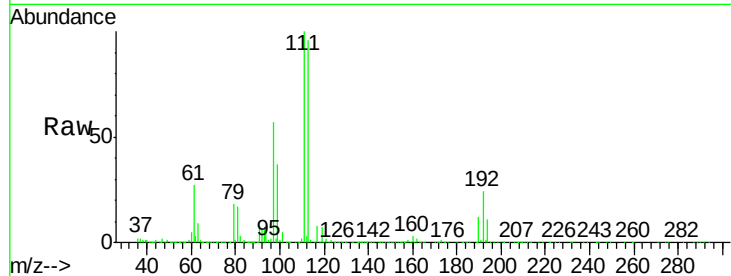
#35
 Dibromofluoromethane
 Concen: 50.129 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	182400		
111	102.1	82.6	123.8	
192	23.5	18.6	28.0	

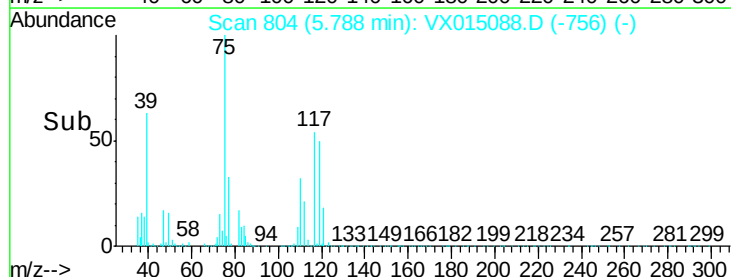
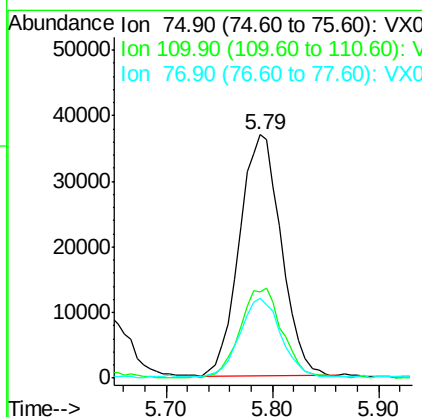
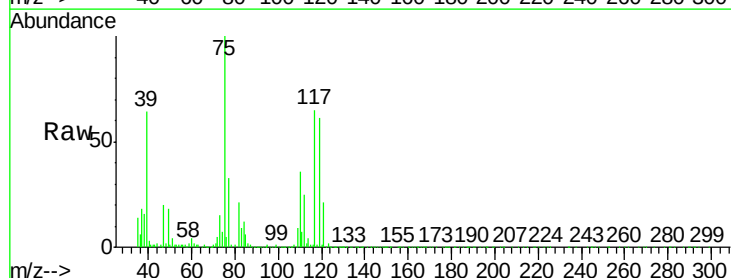
Manual Integrations
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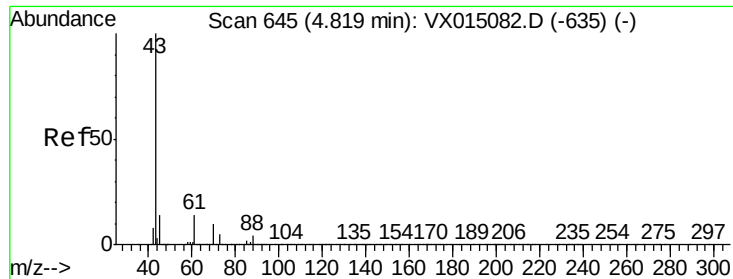
MMDadoda
 3/5/2020 3:53:53 PM



#36
 1,1-Dichloropropene
 Concen: 18.999 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	101301		
110	38.2	17.9	53.8	
77	32.0	24.8	37.2	





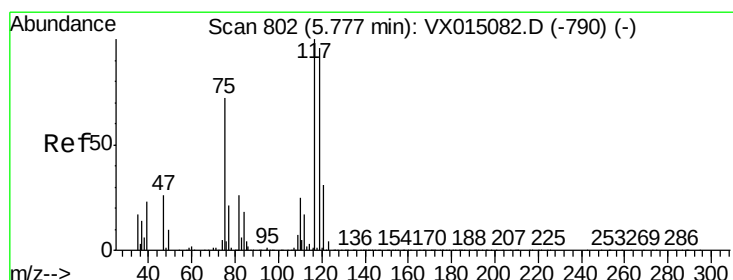
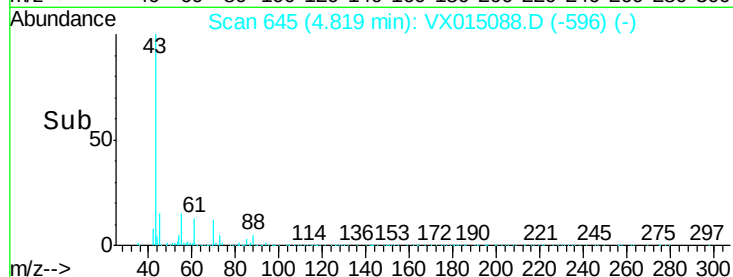
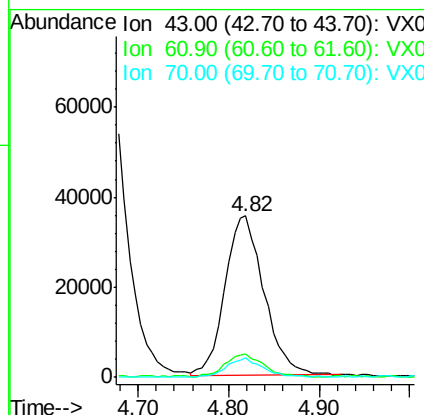
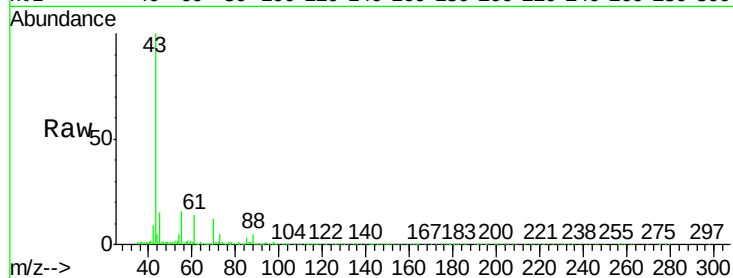
#37
Ethyl Acetate
Concen: 21.170 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	43	Resp	104706
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.0	16.4
70	10.4	8.1	12.1

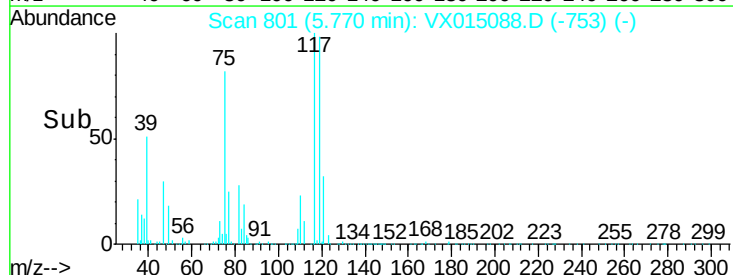
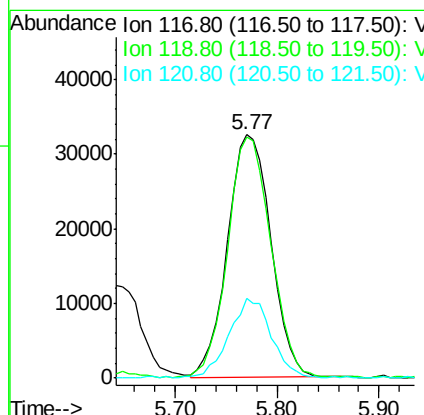
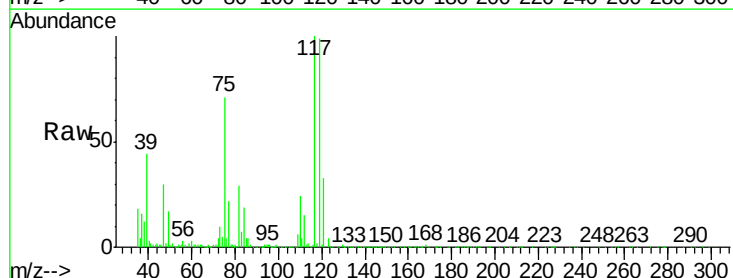
Manual Integrations
APPROVED

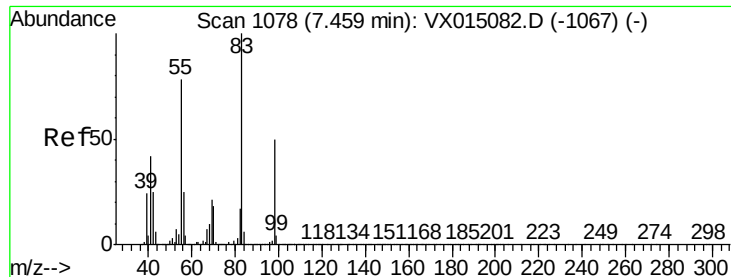
MMDadoda
3/5/2020 3:53:53 PM



#38
Carbon Tetrachloride
Concen: 19.159 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	117	Resp	96426
Ion Ratio	Lower	Upper	
117	100		
119	98.9	76.9	115.3
121	32.3	24.6	37.0





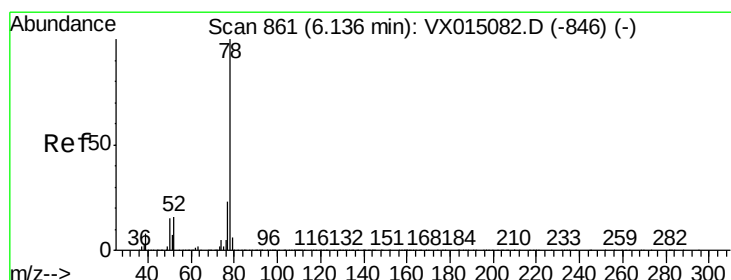
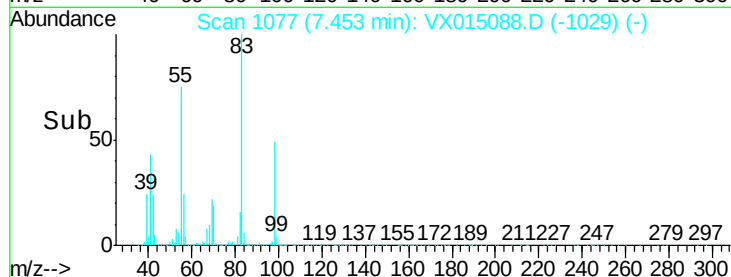
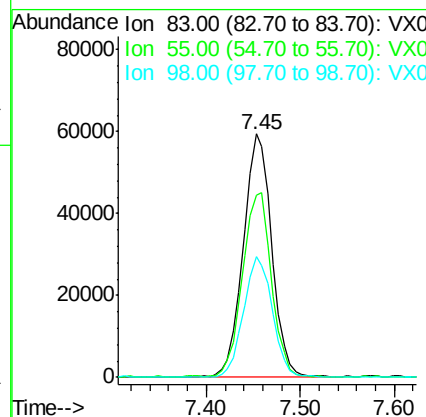
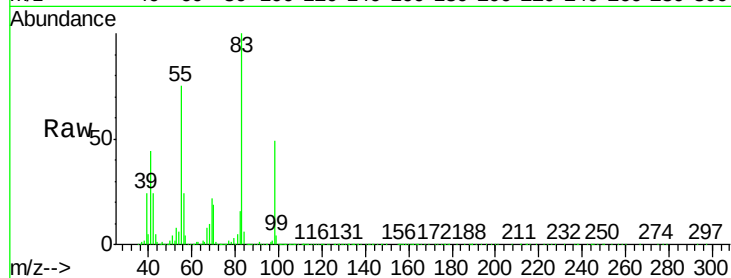
#39
Methylvlcyclohexane
Concen: 20.042 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	124780		
55	74.6		62.4	93.6
98	49.4		39.7	59.5

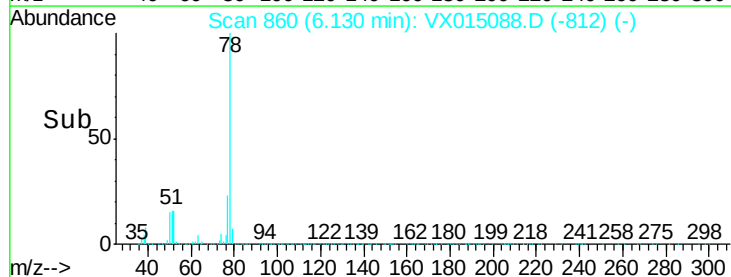
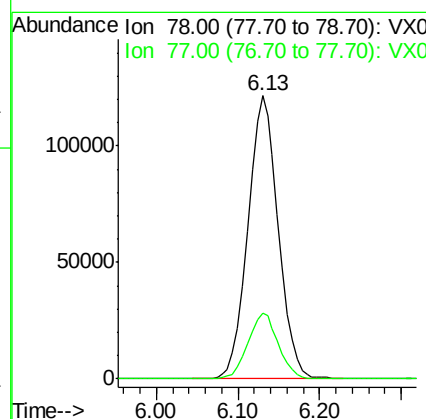
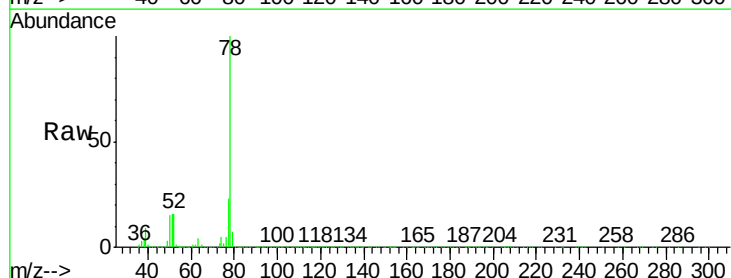
Manual Integrations
APPROVED

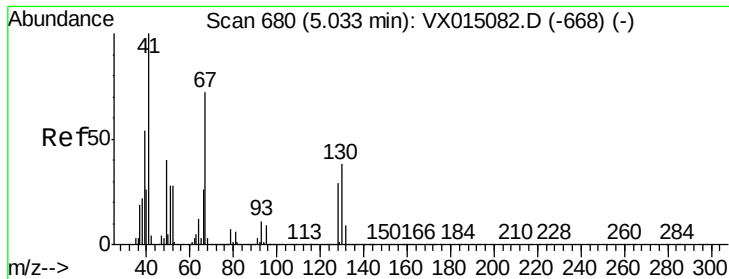
MMDadoda
3/5/2020 3:53:53 PM



#40
Benzene
Concen: 19.708 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	311766		
77	23.1		18.6	28.0





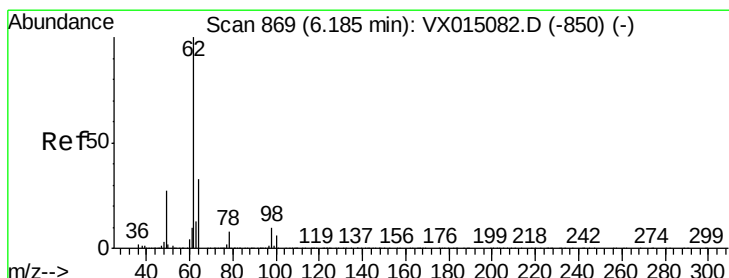
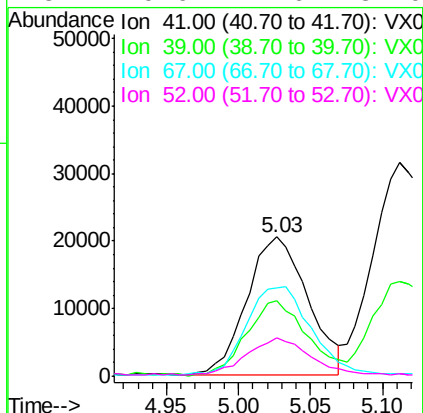
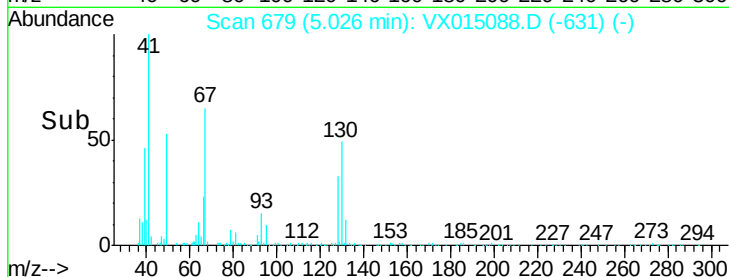
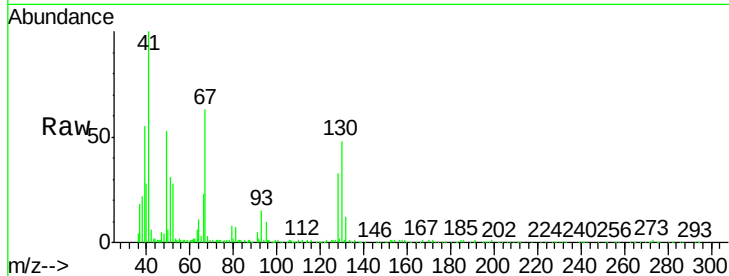
#41
Methacrylonitrile
Concen: 20.212 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	43.9	65.9	
67	68.6	57.8	86.8	
52	29.6	22.6	34.0	

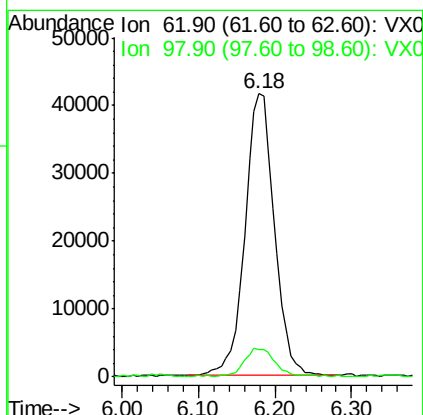
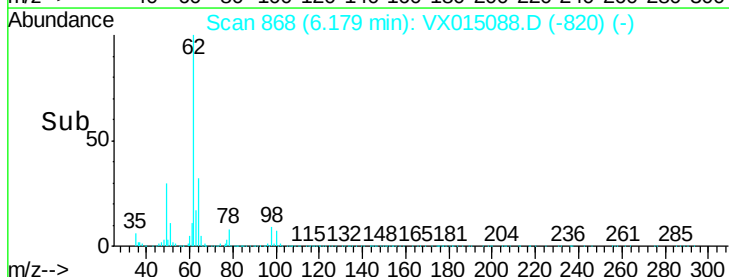
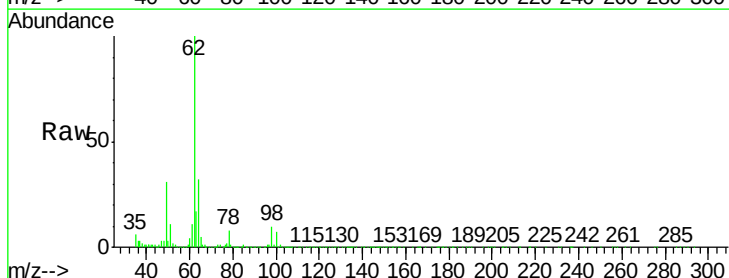
Manual Integrations
APPROVED

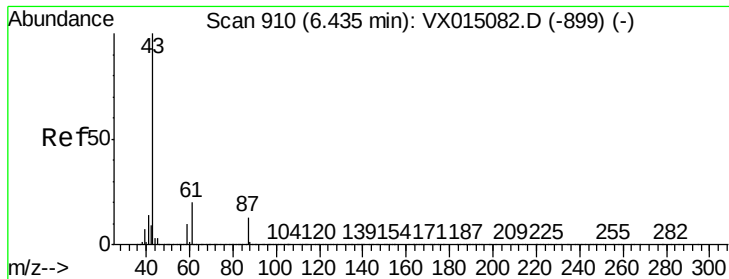
MMDadoda
3/5/2020 3:53:53 PM



#42
1,2-Dichloroethane
Concen: 20.469 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	20.6	





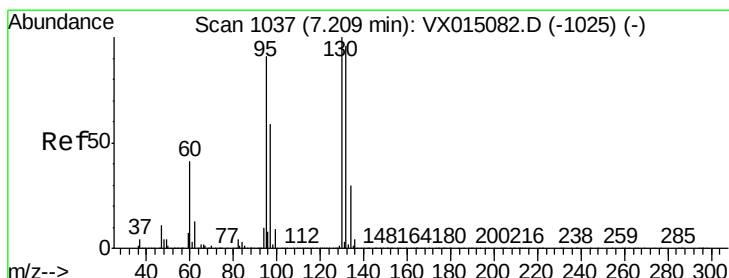
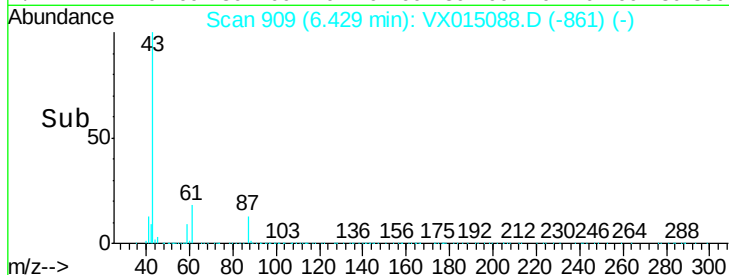
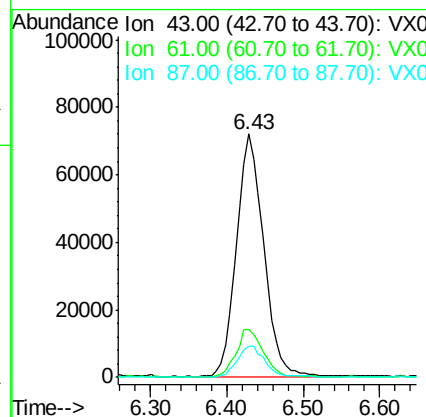
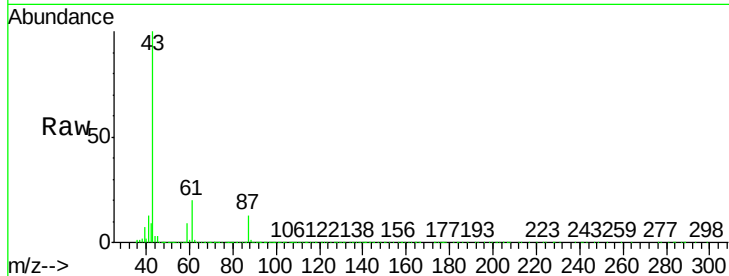
#43
Isopropyl Acetate
Concen: 20.335 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	13.3	10.6	16.0

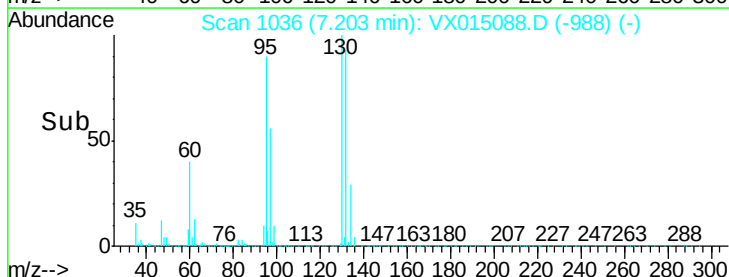
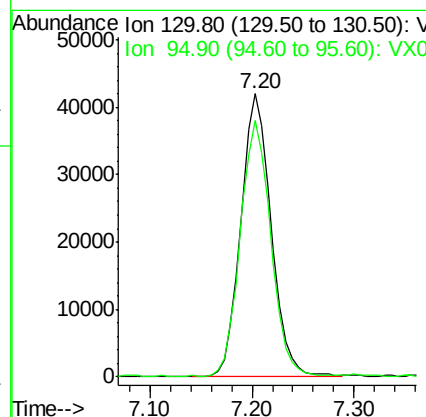
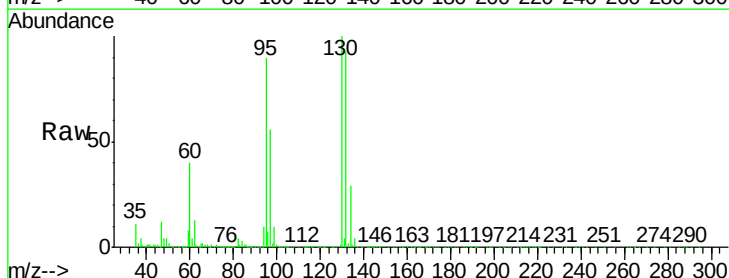
Manual Integrations
APPROVED

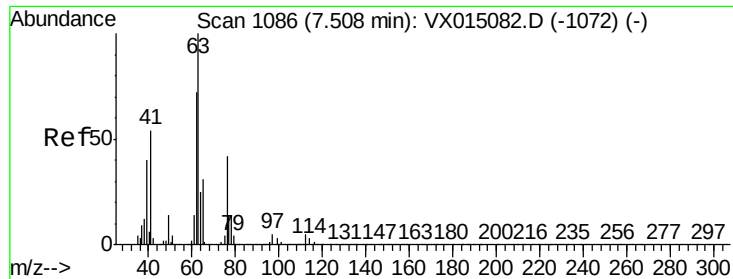
MMDadoda
3/5/2020 3:53:53 PM



#44
Trichloroethene
Concen: 19.615 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	181.2





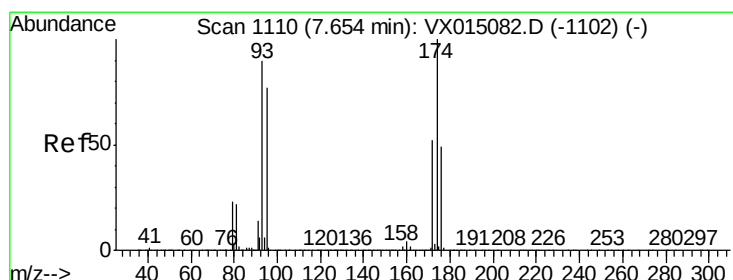
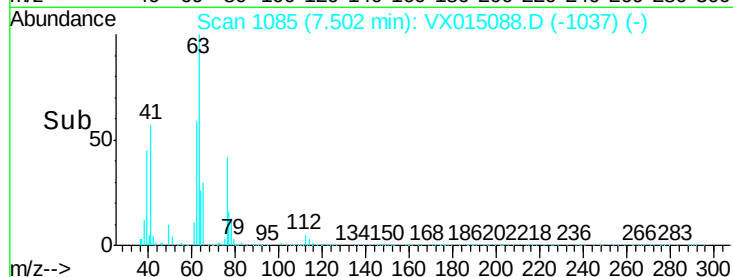
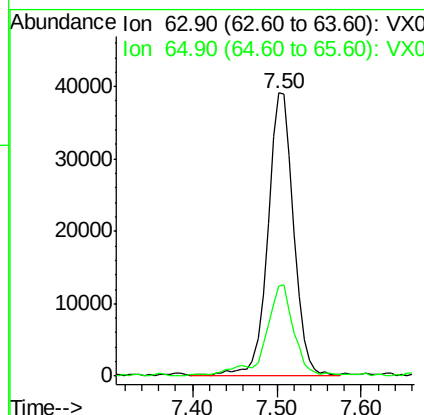
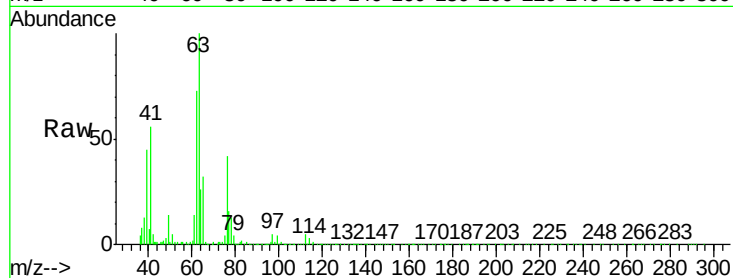
#45
 1,2-Dichloropropane
 Concen: 19.878 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	36.8

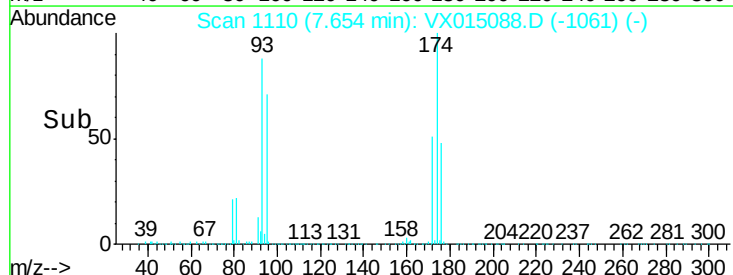
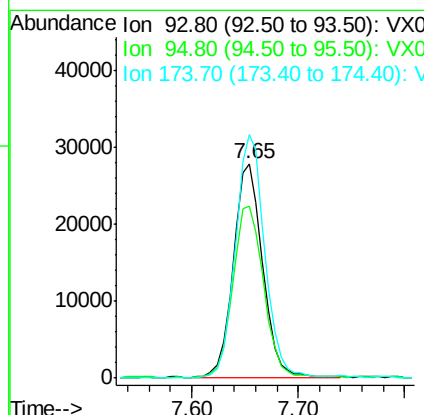
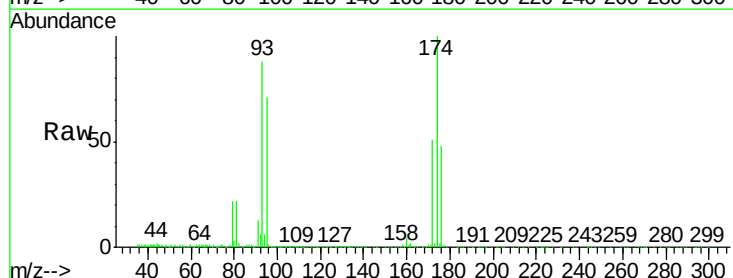
Manual Integrations
 APPROVED

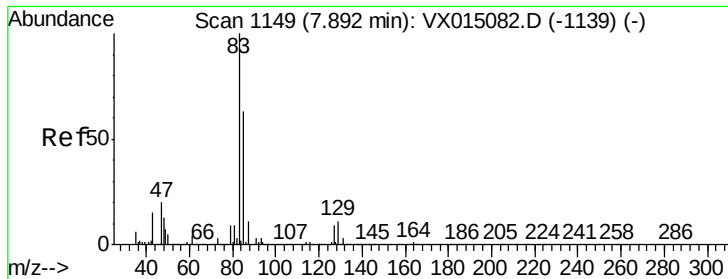
MMDadoda
 3/5/2020 3:53:53 PM



#46
 Dibromomethane
 Concen: 20.375 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.8	101.8
174	113.1	91.0	136.4





#47

Bromodichloromethane

Concen: 19.732 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

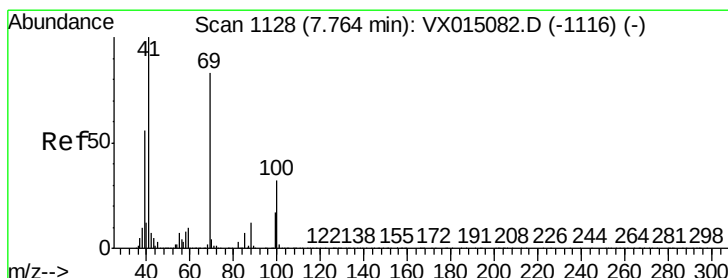
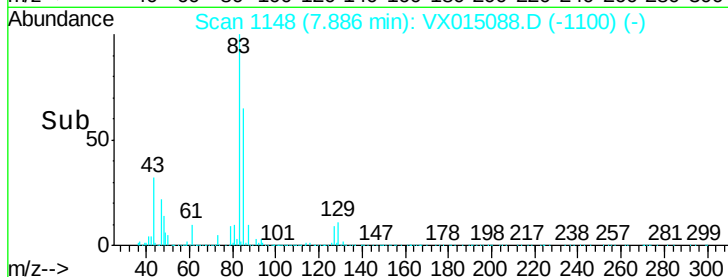
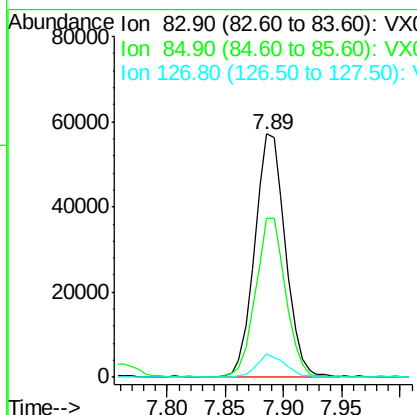
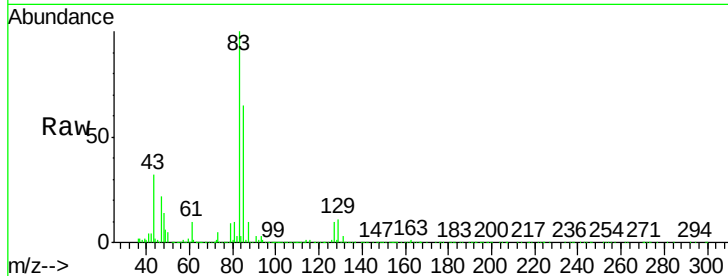
ClientSampleId :

VX0304WBSD01

Tot Ion:	83	Resp:	104105
Ion Ratio		Lower	Upper
83	100		
85	65.0	50.6	75.8
127	9.6	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:53 PM



#48

Methyl methacrylate

Concen: 19.664 ug/l

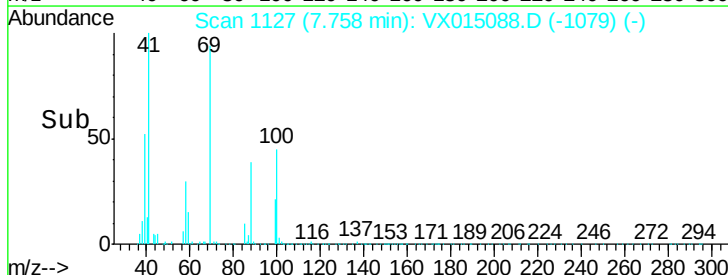
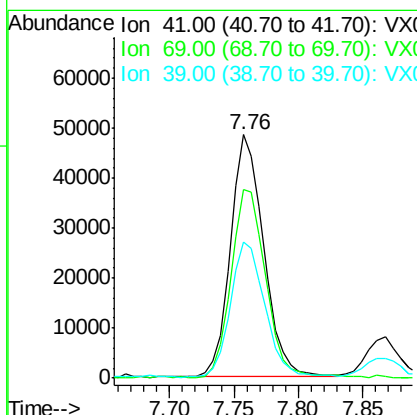
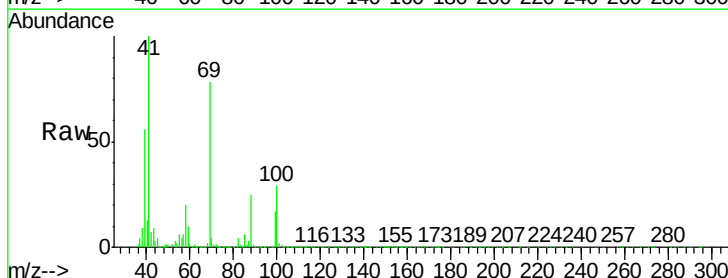
RT: 7.76 min Scan# 1127

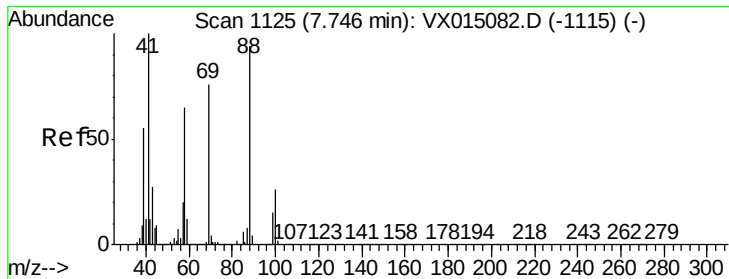
Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion:	41	Resp:	87081
Ion Ratio		Lower	Upper
41	100		
69	80.3	65.4	98.2
39	57.6	44.6	67.0





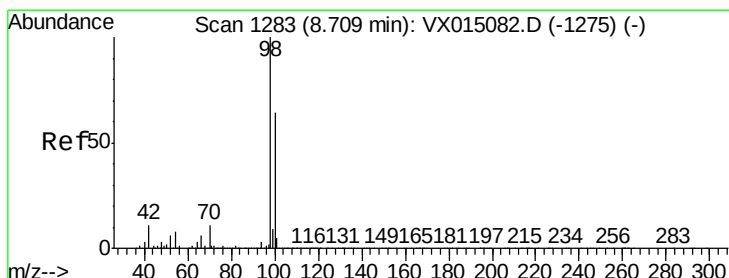
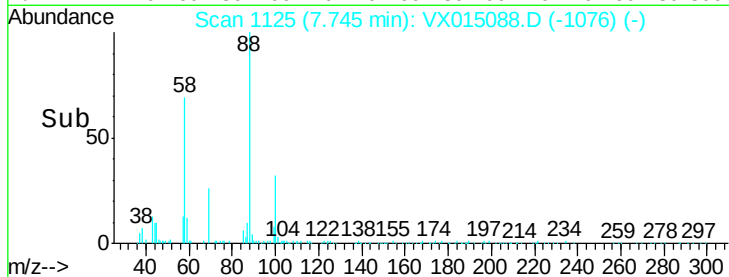
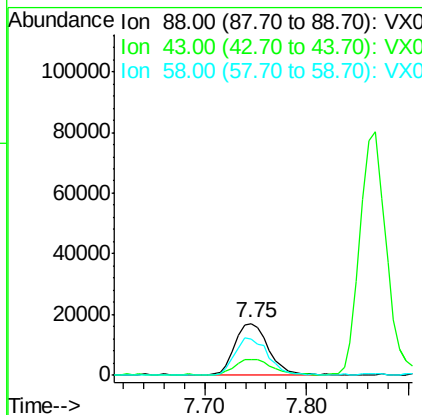
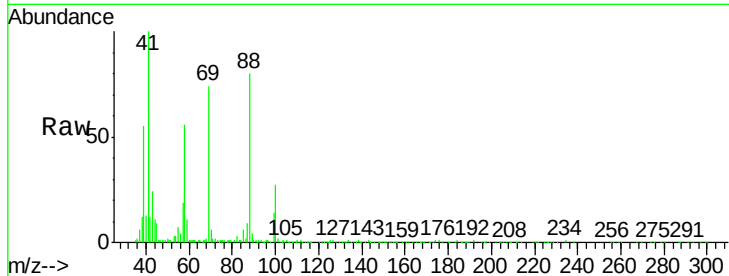
#49
1,4-Dioxane
Concen: 401.482 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.0	40.4
58	70.0	55.6	83.4

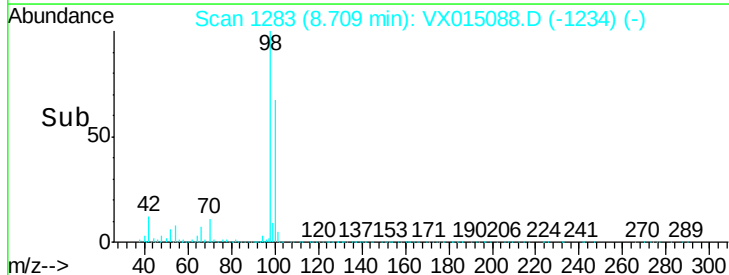
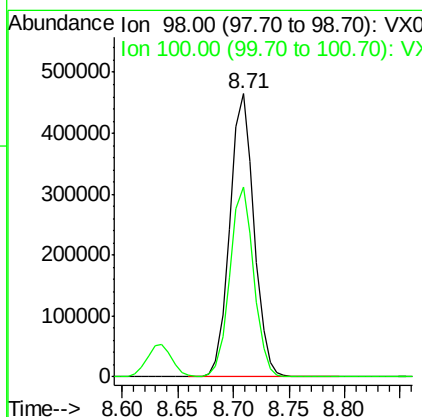
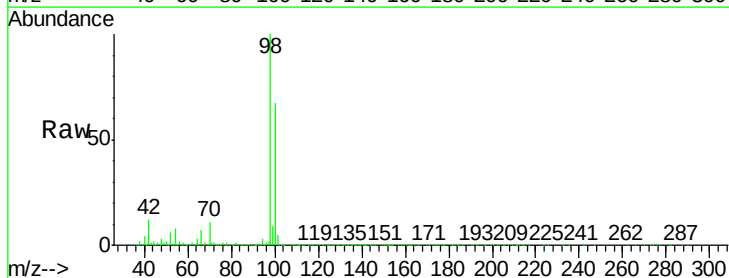
Manual Integrations
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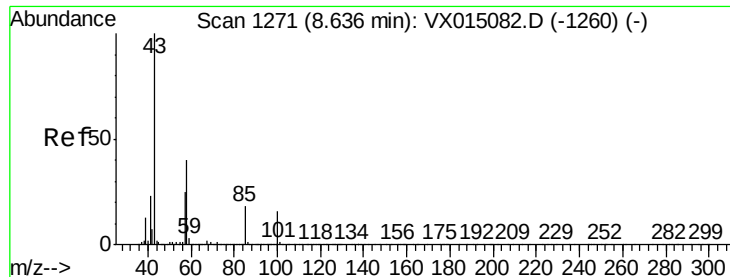
MMDadoda
3/5/2020 3:53:53 PM



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.4	78.6





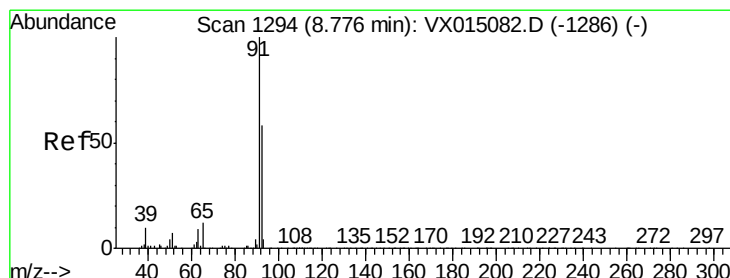
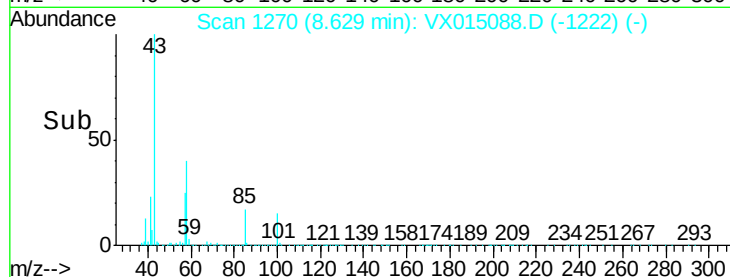
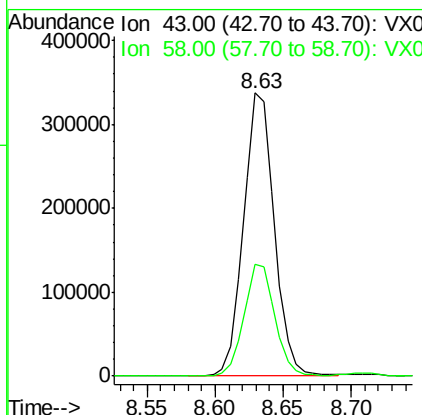
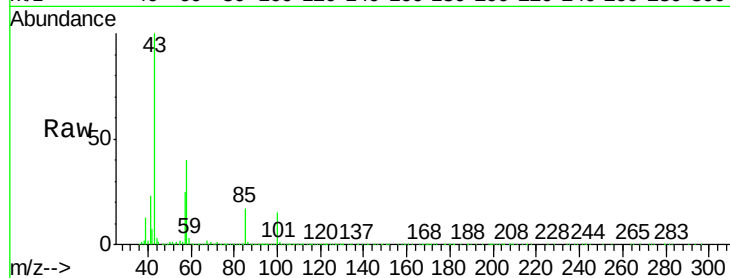
#51
 4-Methyl-2-Pentanone
 Concen: 103.685 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.6	47.4

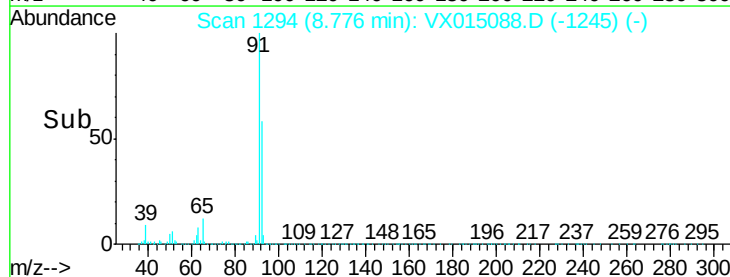
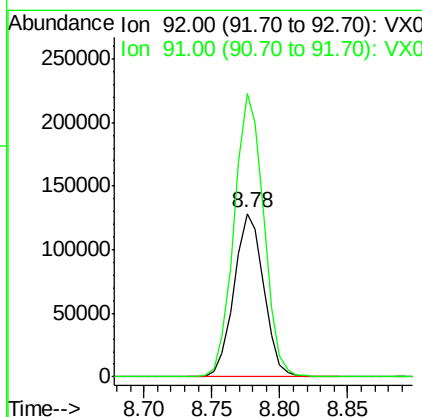
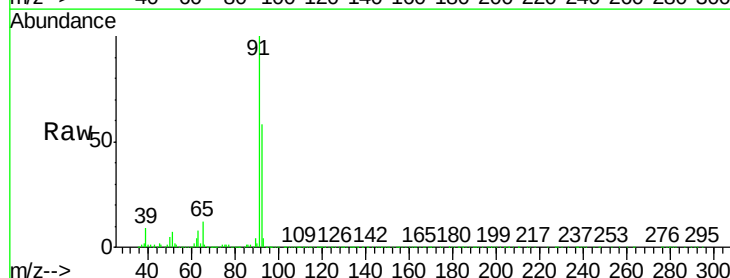
Manual Integrations
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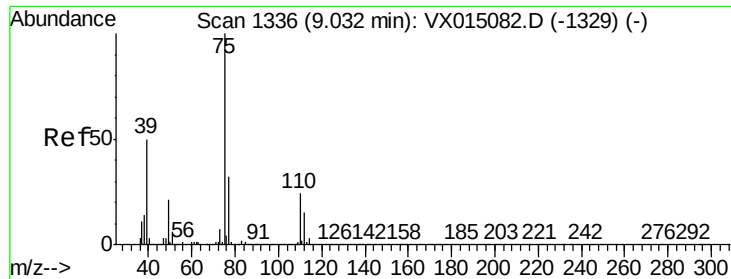
MMDadoda
 3/5/2020 3:53:53 PM



#52
 Toluene
 Concen: 20.185 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	136.9	205.3





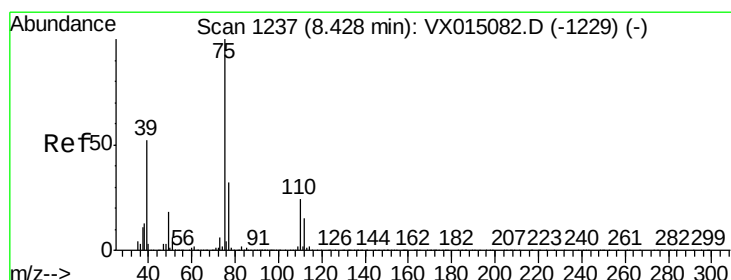
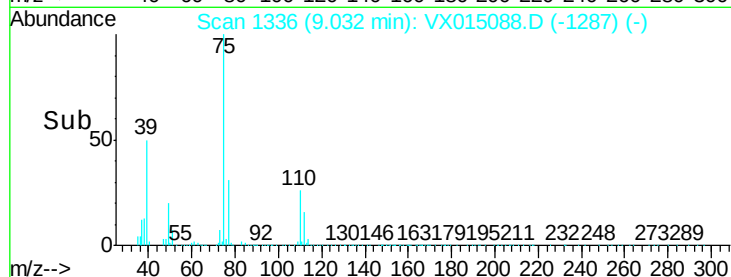
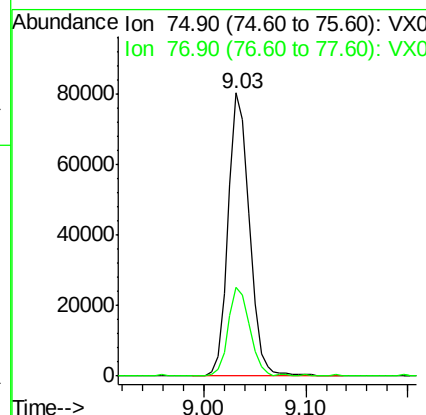
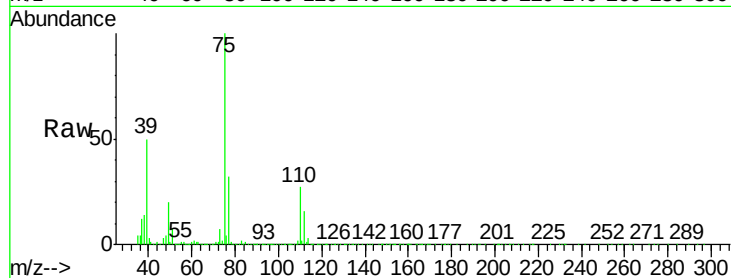
#53
t-1,3-Dichloropropene
Concen: 20.661 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion: 75 Resp: 116025
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

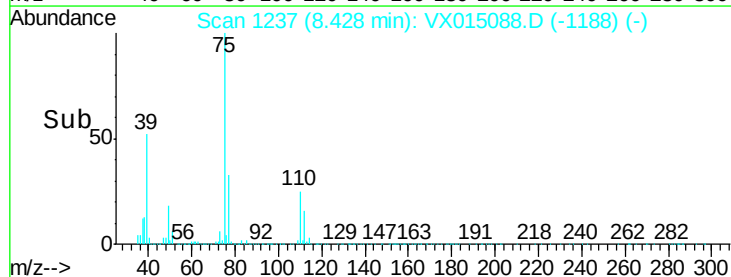
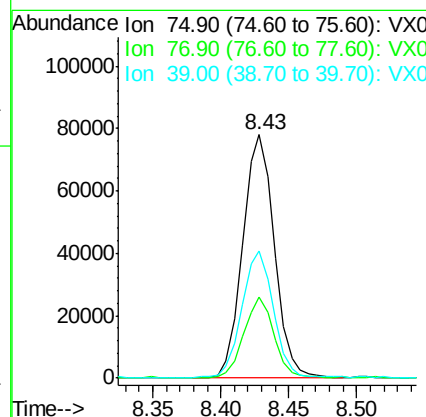
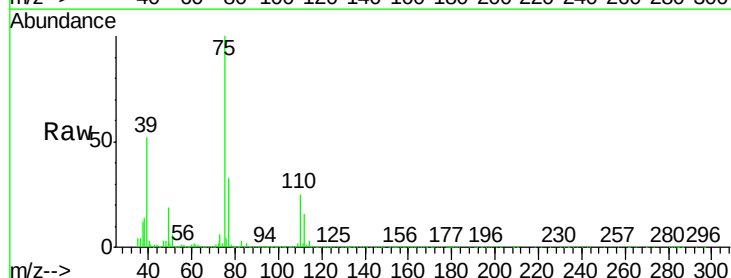
Manual Integrations
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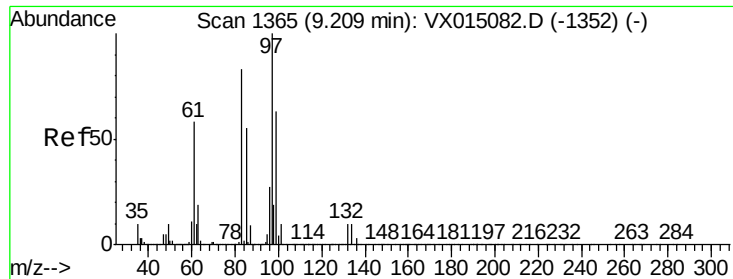
MMDadoda
3/5/2020 3:53:53 PM



#54
cis-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 75 Resp: 126065
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
39 51.8 41.3 61.9





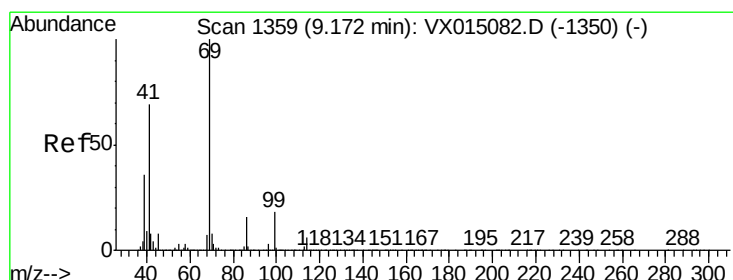
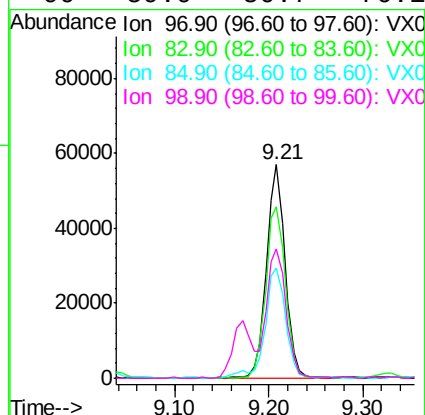
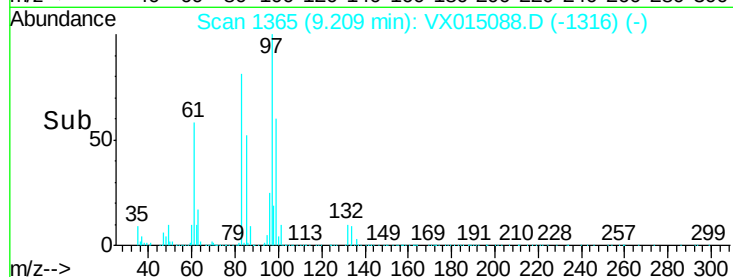
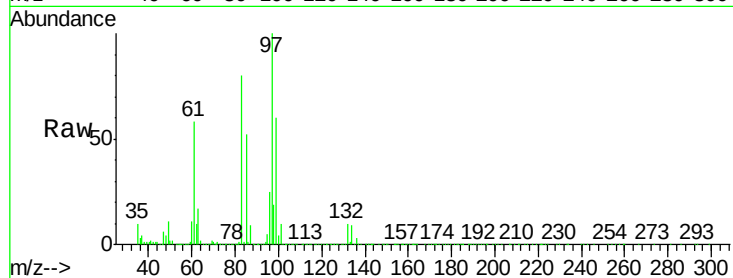
#55
1,1,2-Trichloroethane
Concen: 20.284 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		80754		
83	80.3	66.4	99.6		
85	51.4	43.5	65.3		
99	59.9	50.7	76.1		

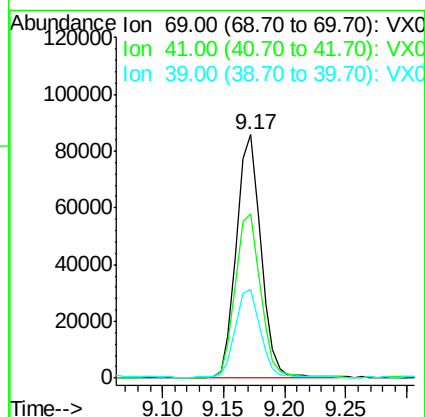
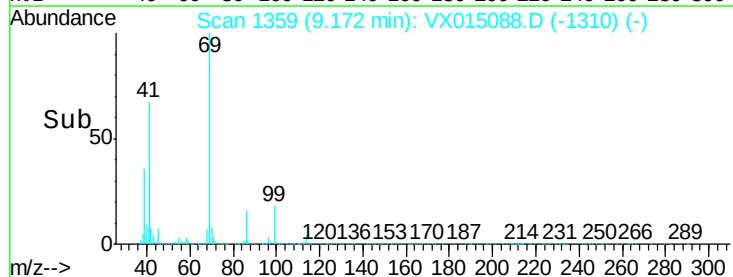
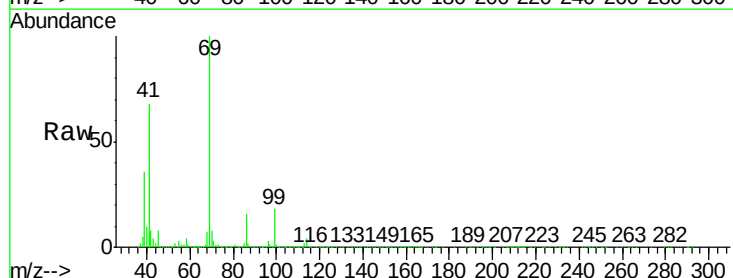
Manual Integrations
APPROVED

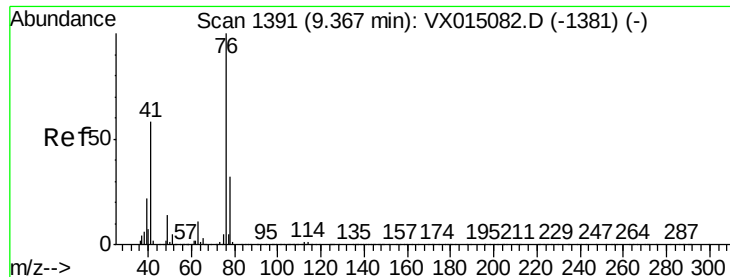
MMDadoda
3/5/2020 3:53:53 PM



#56
Ethyl methacrylate
Concen: 20.848 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		118385		
41	71.0	55.8	83.8		
39	37.1	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 20.376 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion: 76 Resp: 136473

Ion Ratio Lower Upper

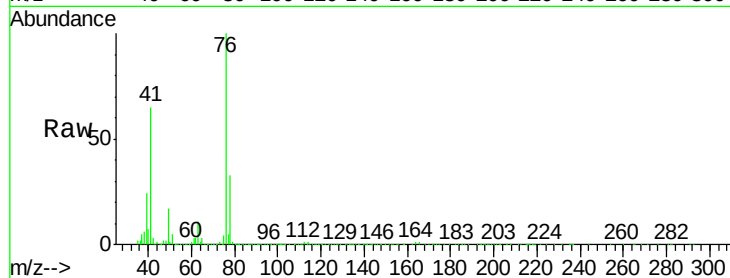
76 100

78 32.1 25.6 38.4

Manual Integrations
APPROVED

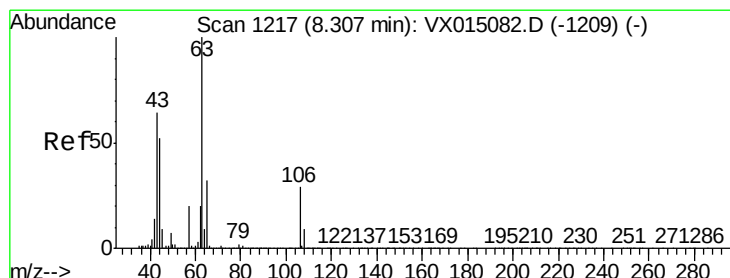
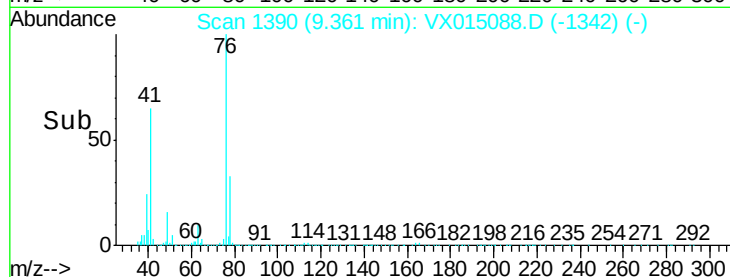
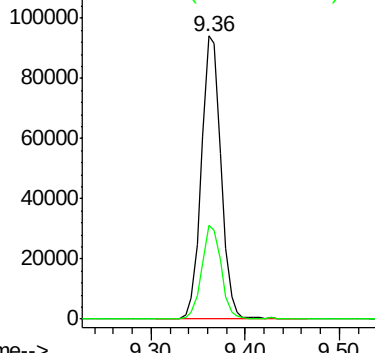
MMDadoda

3/5/2020 3:53:53 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.549 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015088.D

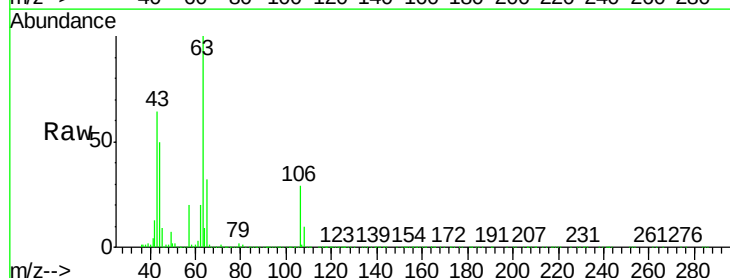
Acq: 04 Mar 2020 15:34

Tgt Ion: 63 Resp: 307960

Ion Ratio Lower Upper

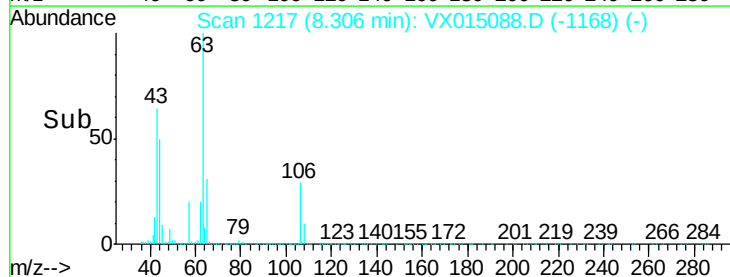
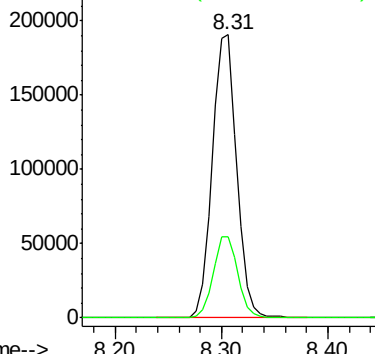
63 100

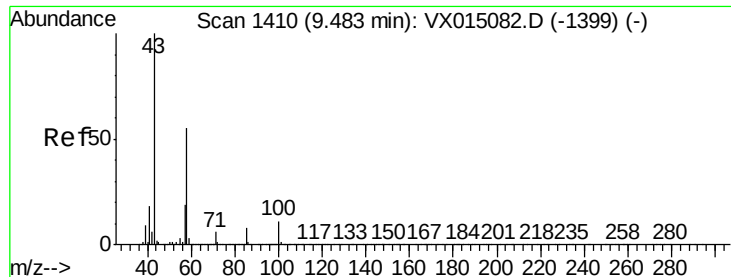
106 28.6 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





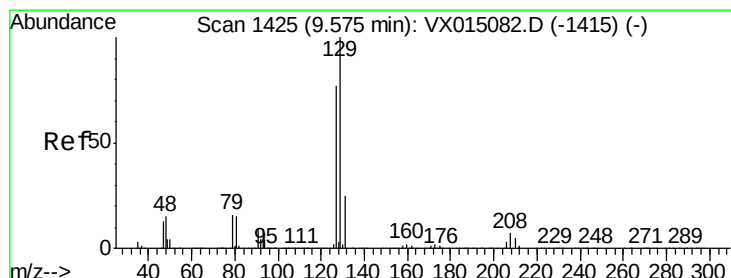
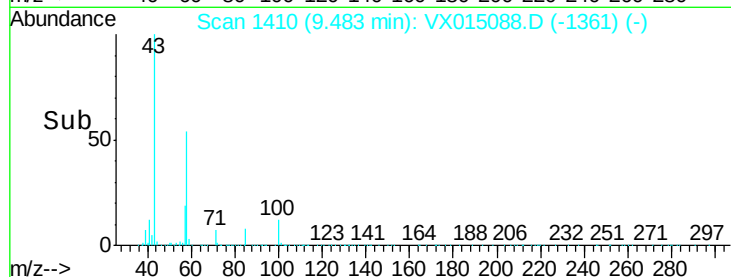
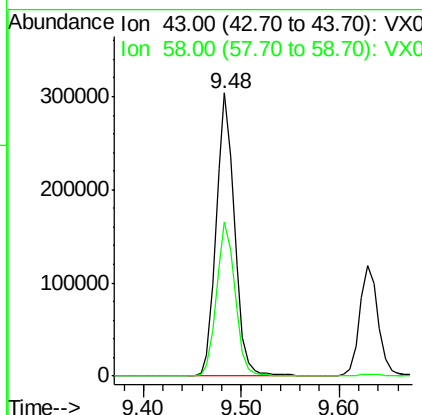
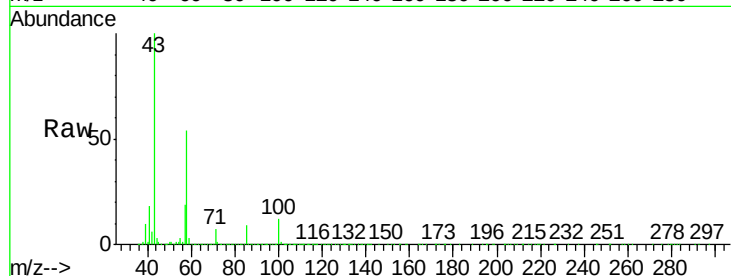
#59
2-Hexanone
Concen: 103.745 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampled :
VX0304WBSD01

Tot Ion: 43 Resp: 395580
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

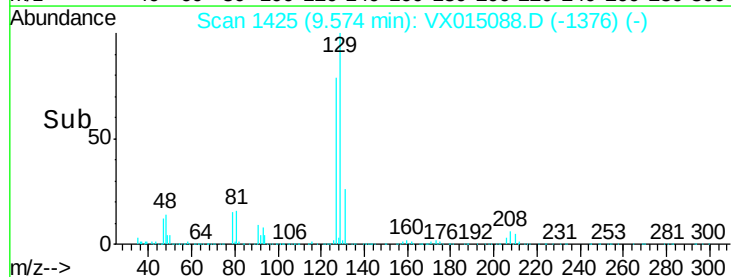
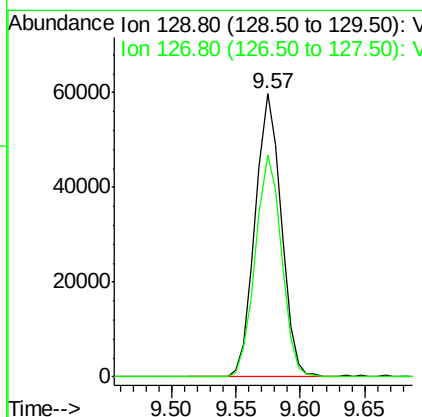
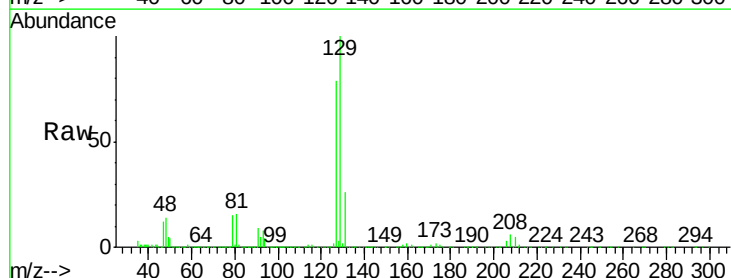
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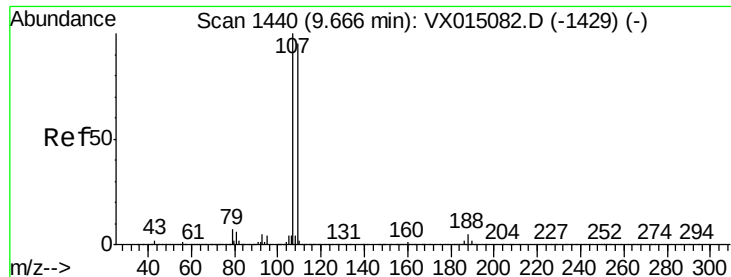
MMDadoda
3/5/2020 3:53:53 PM



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 129 Resp: 83825
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3





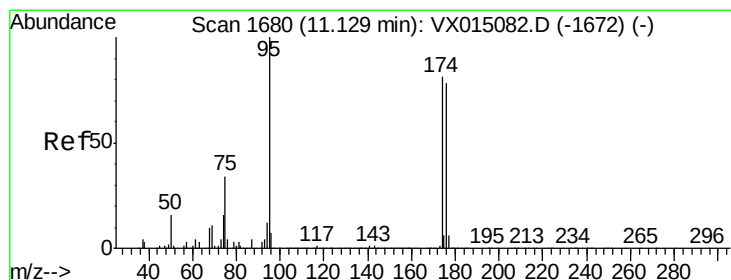
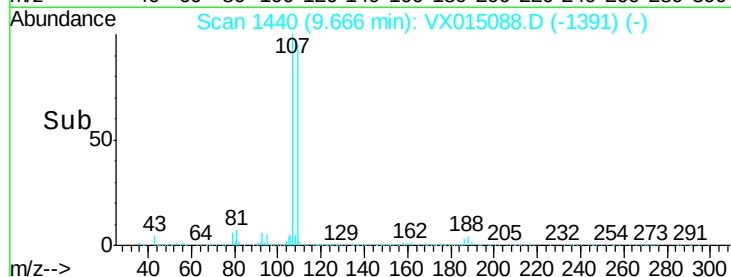
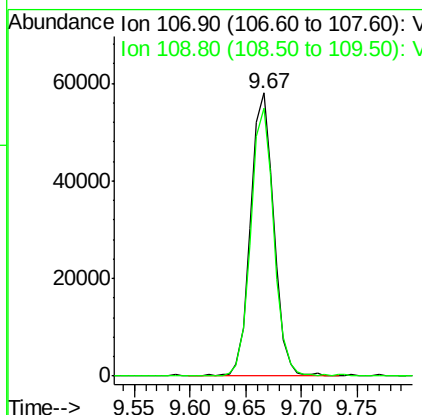
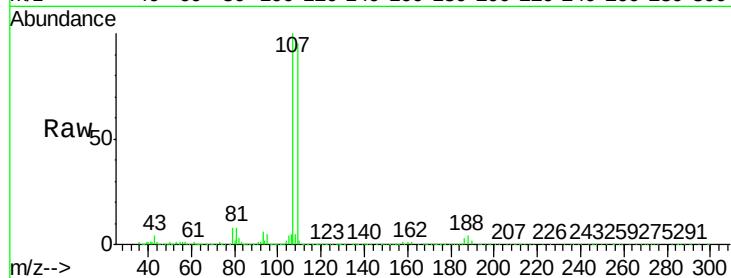
#61
 1,2-Dibromoethane
 Concen: 20.109 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.6	113.4

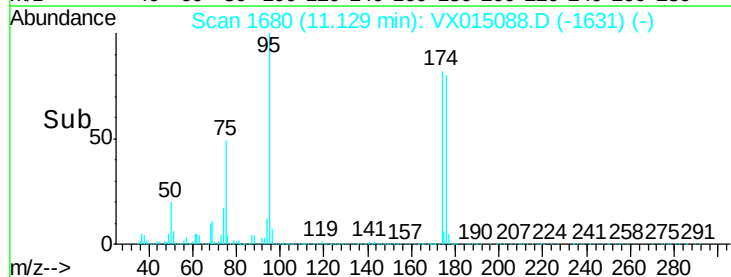
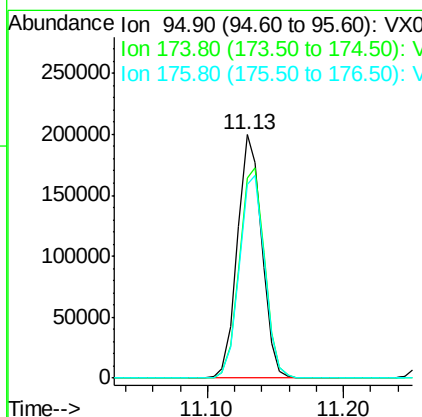
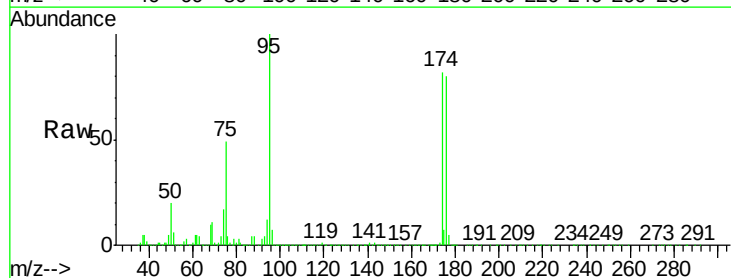
Manual Integrations
 APPROVED

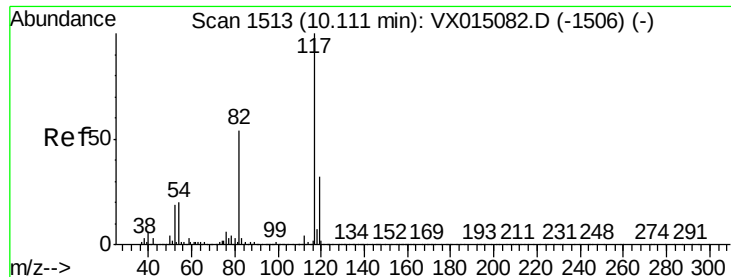
MMDadoda
 3/5/2020 3:53:53 PM



#62
 4-Bromofluorobenzene
 Concen: 50.433 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	177.6
176	86.8	0.0	170.2





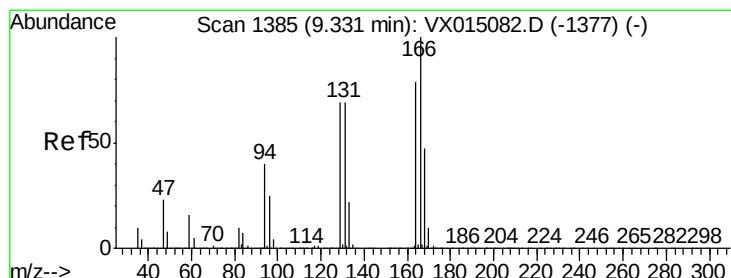
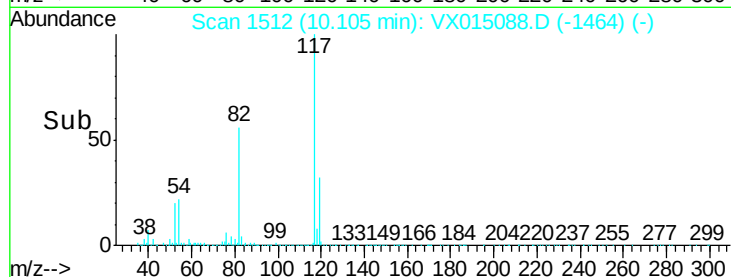
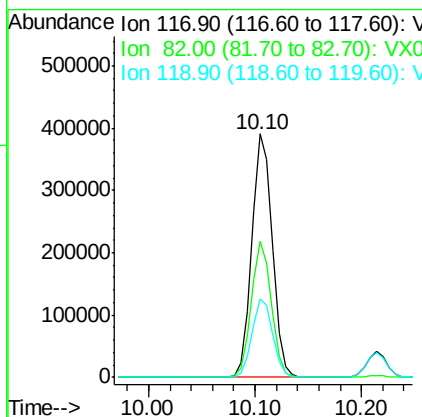
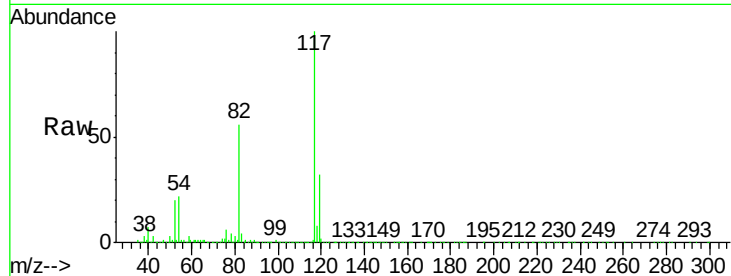
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	528080		
82	55.7	43.3	64.9	
119	32.2	25.8	38.8	

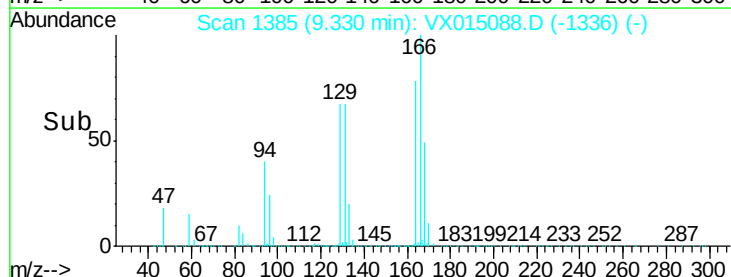
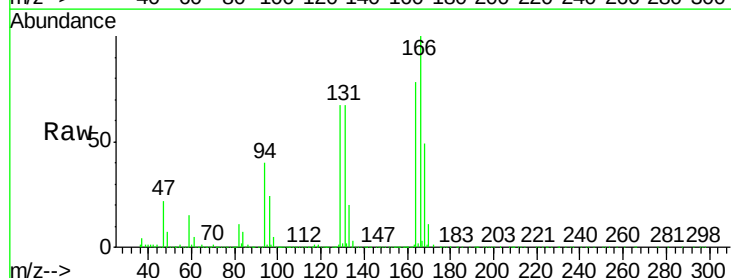
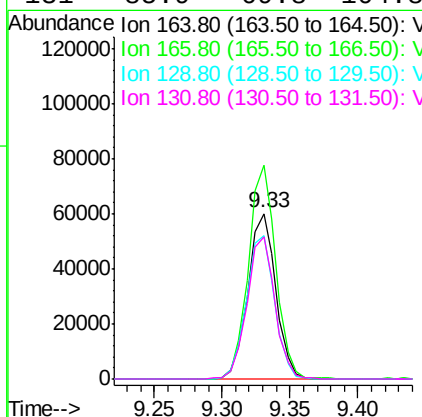
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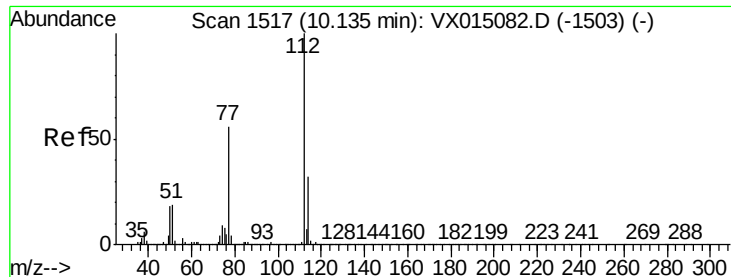
MMDadoda
3/5/2020 3:53:53 PM



#64
Tetrachloroethene
Concen: 19.754 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86252		
166	129.0	101.1	151.7	
129	86.2	69.4	104.0	
131	85.9	69.8	104.8	





#65

Chlorobenzene

Concen: 19.866 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion:112 Resp: 210621

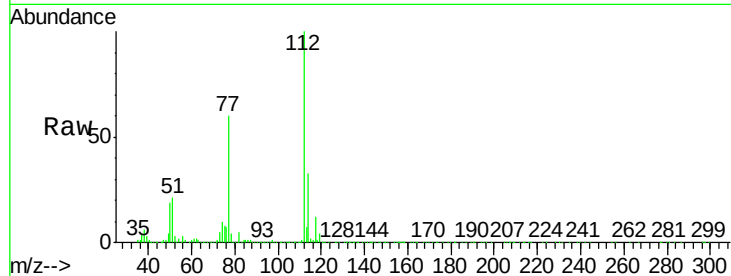
Ion Ratio Lower Upper

112 100

114 33.0 25.5 38.3

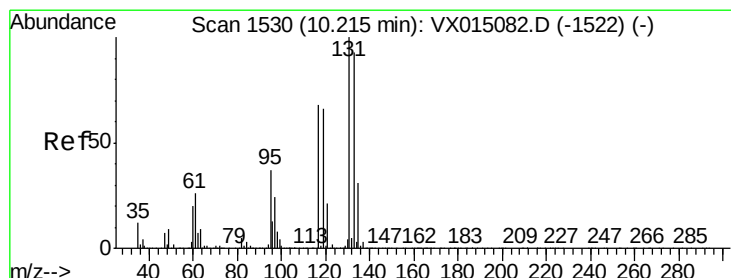
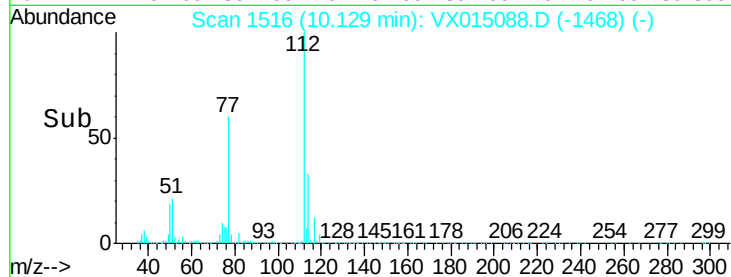
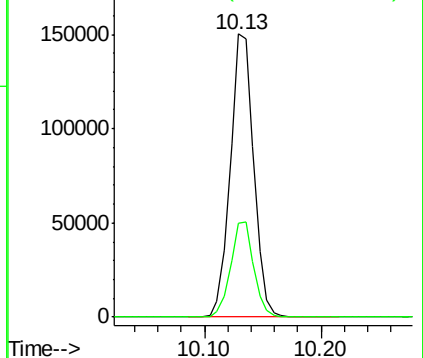
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.781 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

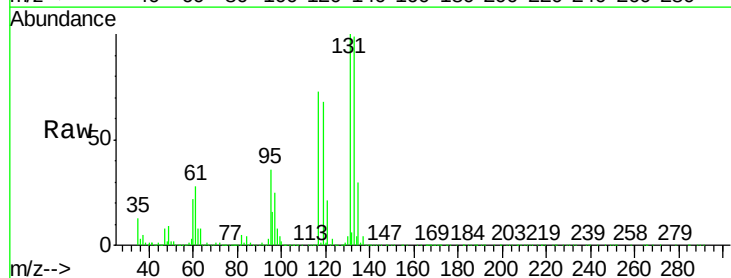
Tgt Ion:131 Resp: 79081

Ion Ratio Lower Upper

131 100

133 96.9 47.5 142.5

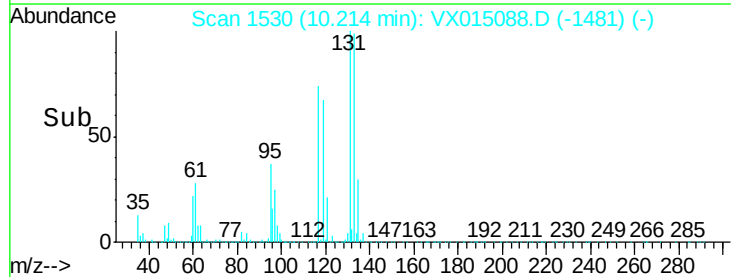
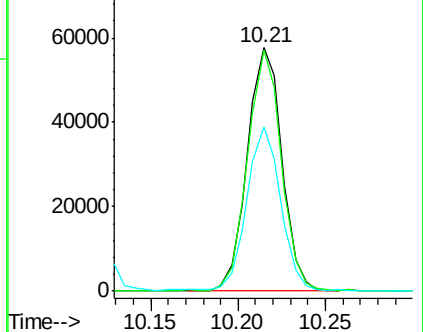
119 66.1 33.4 100.1

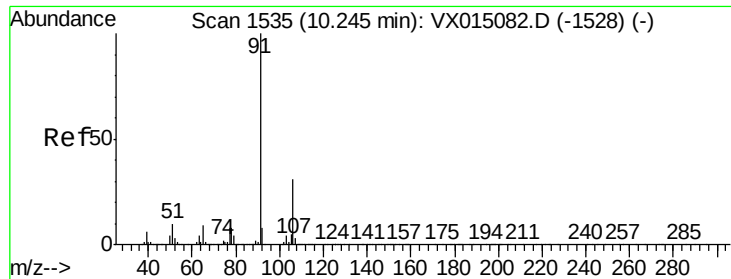


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





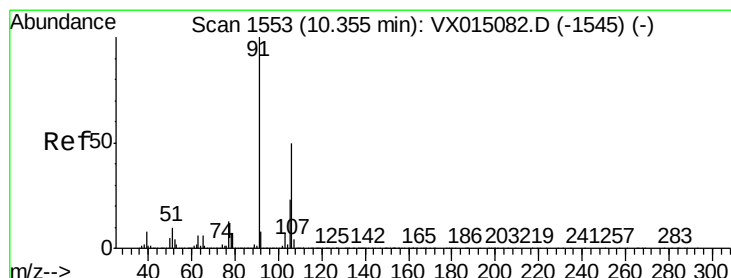
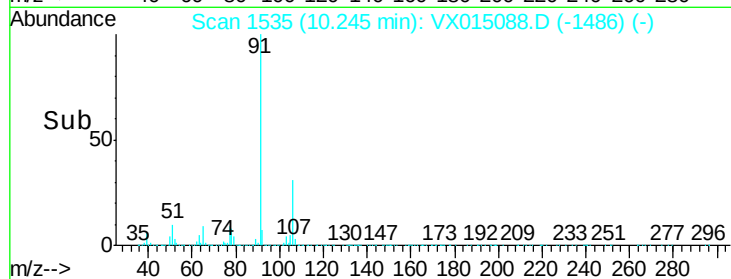
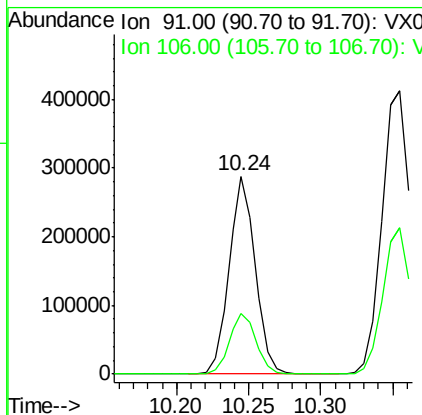
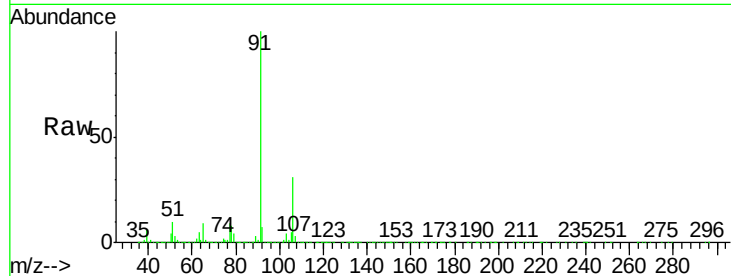
#67
Ethyl Benzene
Concen: 20.353 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.9	37.3

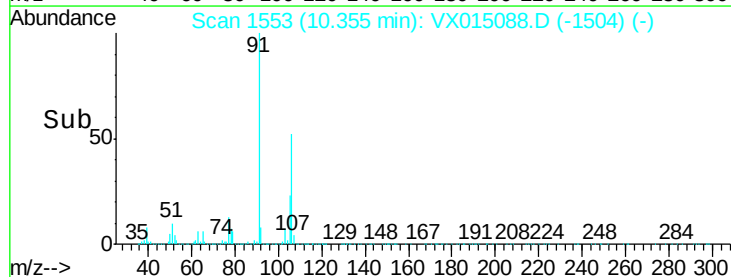
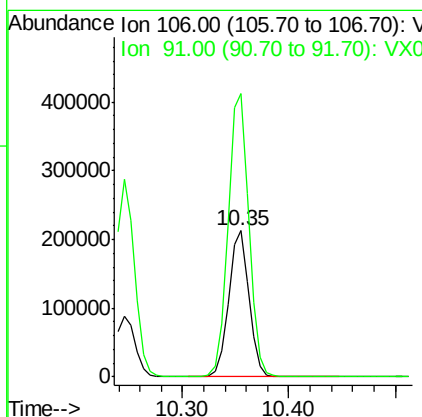
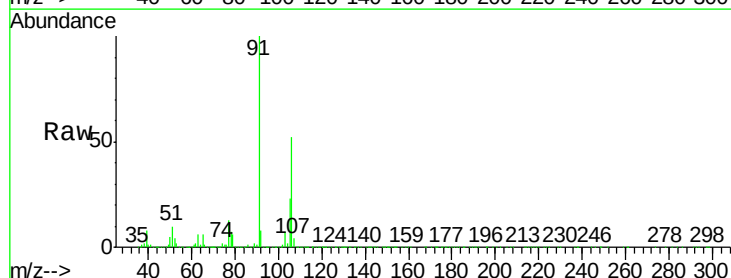
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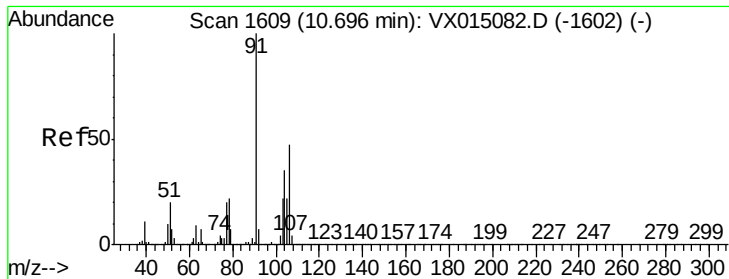
MMDadoda
3/5/2020 3:53:53 PM



#68
m/p-Xylenes
Concen: 41.357 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.6	159.4	239.2





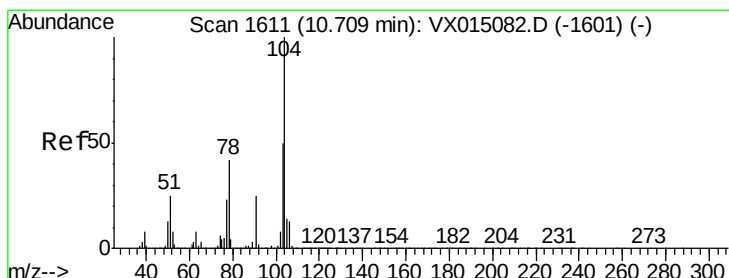
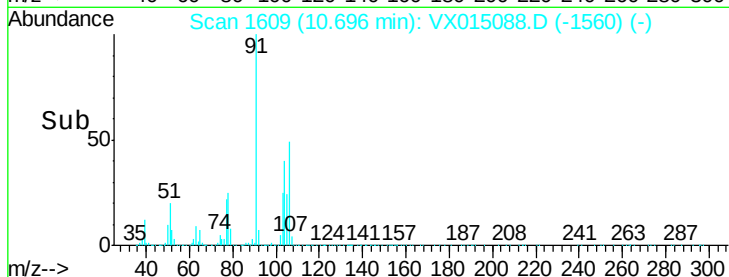
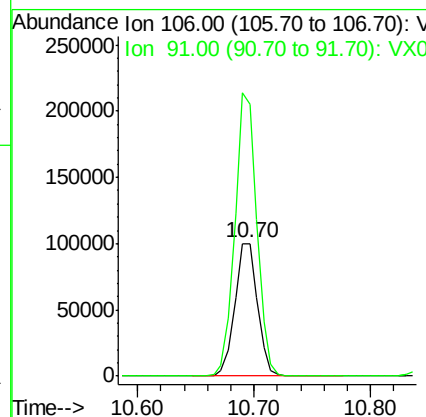
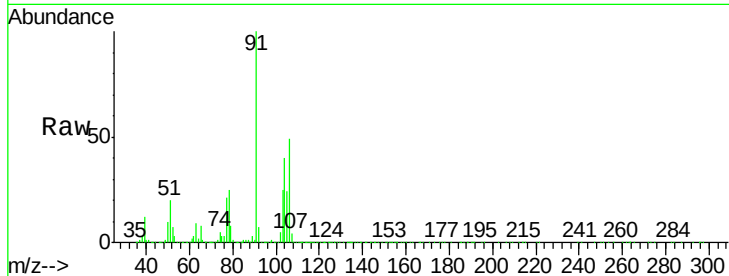
#69
o-Xylene
Concen: 20.686 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.0	105.4	316.1

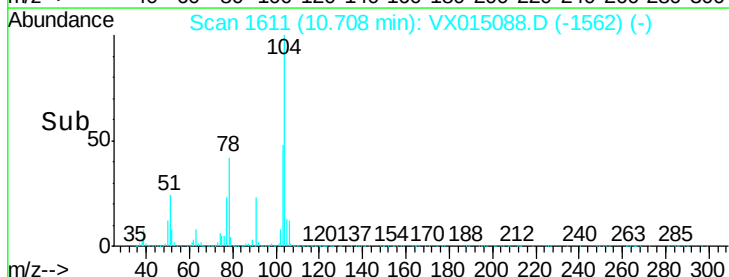
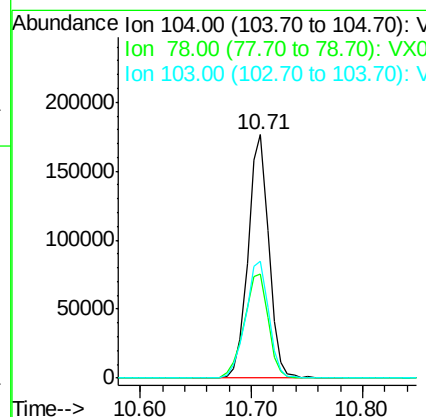
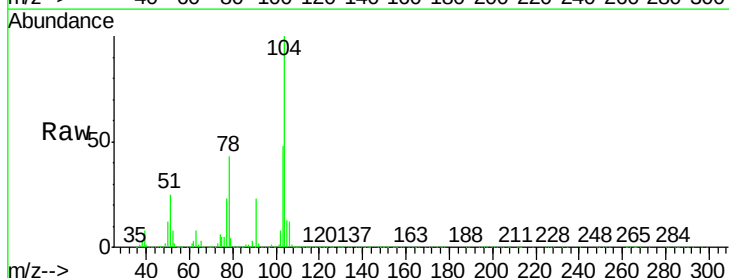
Manual Integrations
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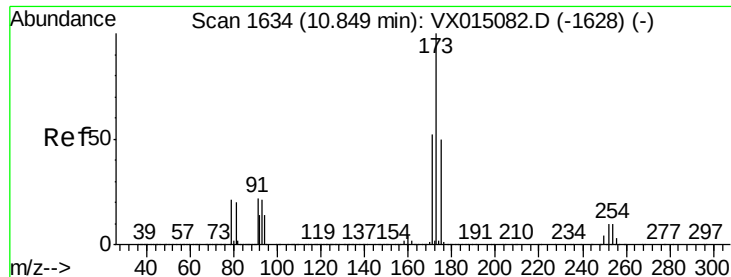
MMDadoda
3/5/2020 3:53:53 PM



#70
Styrene
Concen: 20.271 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.0	58.4
103	53.6	43.7	65.5





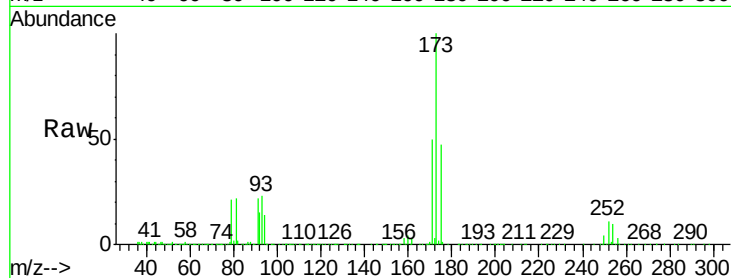
#71
Bromoform
Concen: 19.861 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.9	74.7
254	0.3	0.2	0.2#

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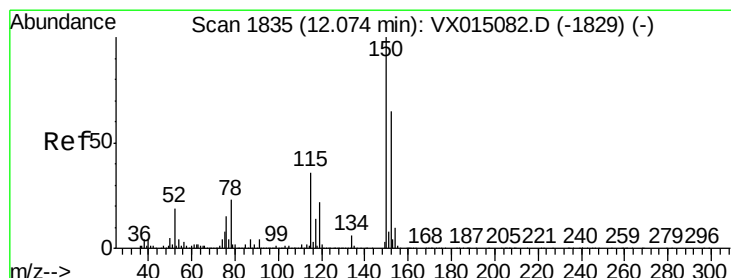
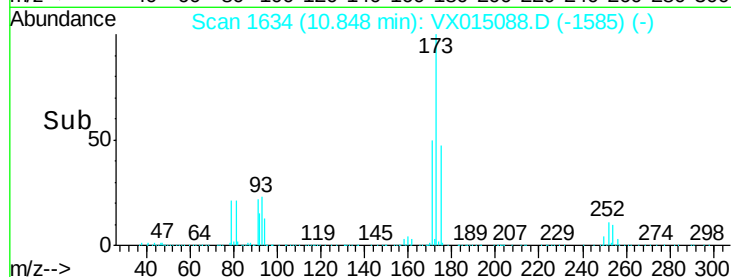
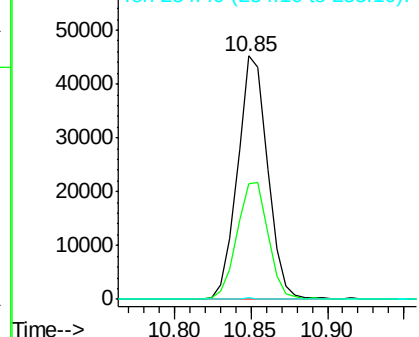


Abundance

Ion 172.70 (172.40 to 173.40): V

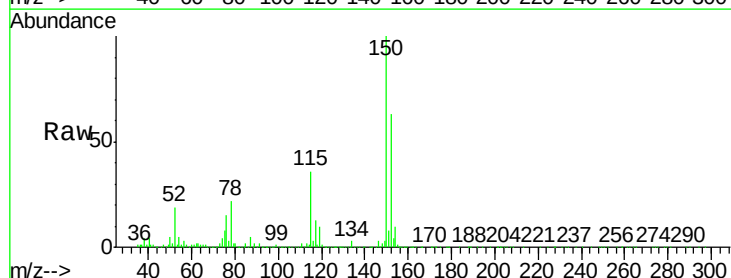
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	38.2	114.6
150	164.3	0.0	343.8

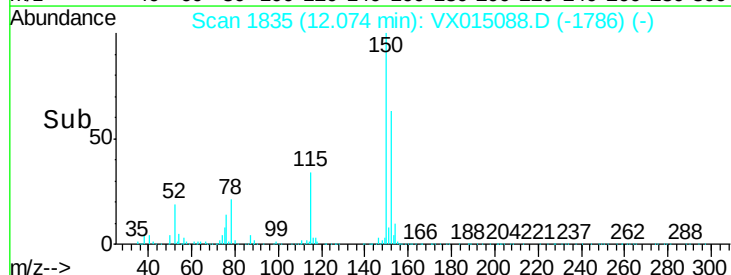
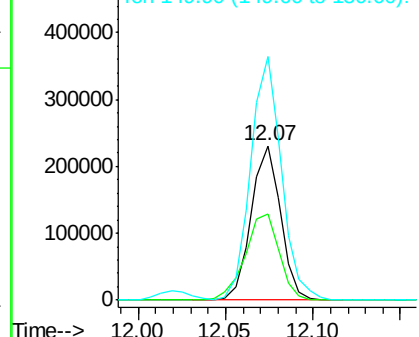


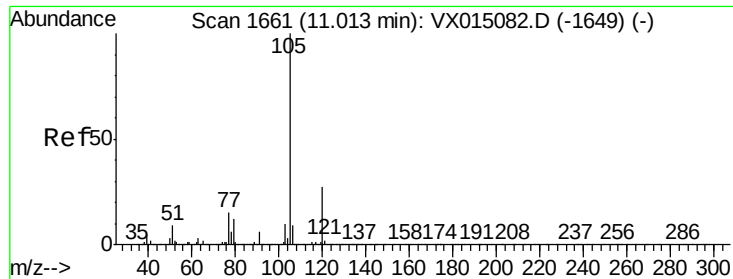
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.546 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion:105 Resp: 357124

Ion Ratio Lower Upper

105 100

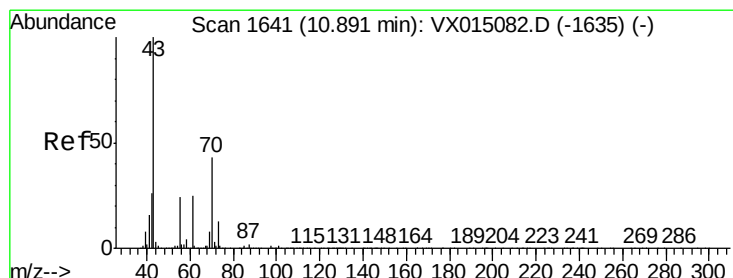
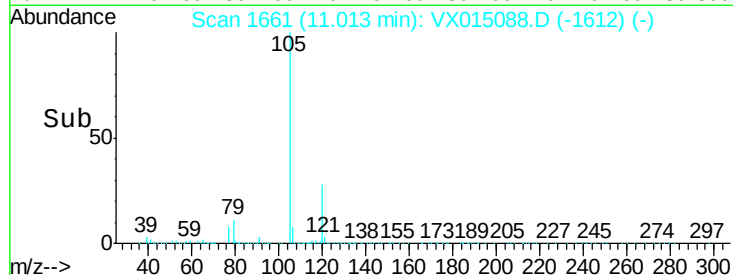
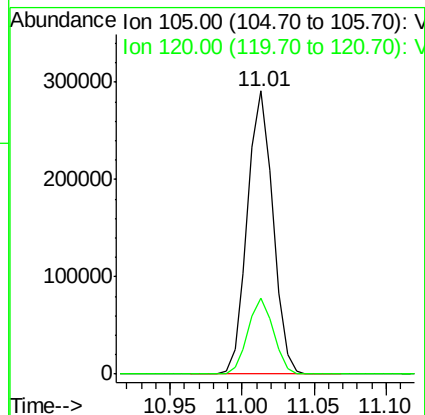
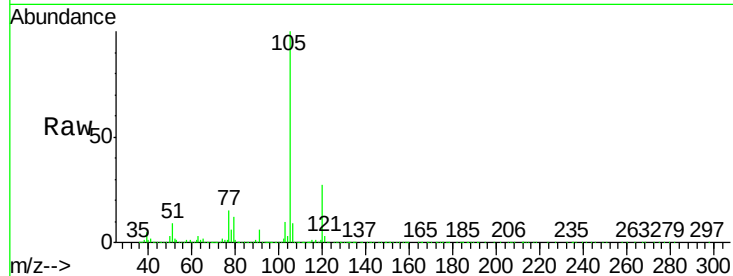
120 26.9

13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.139 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion: 43 Resp: 147523

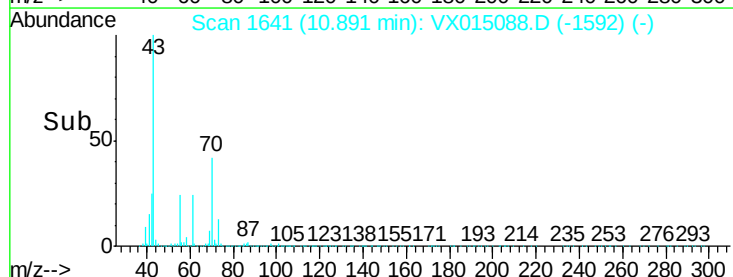
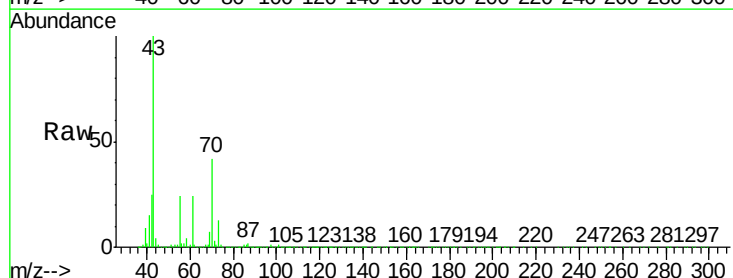
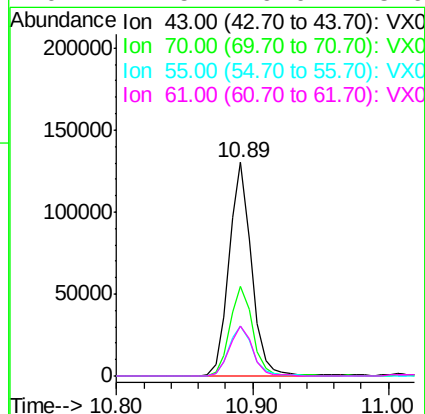
Ion Ratio Lower Upper

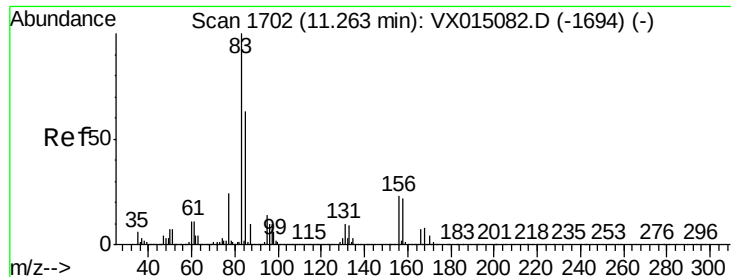
43 100

70 42.5 34.7 52.1

55 24.8 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.114 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

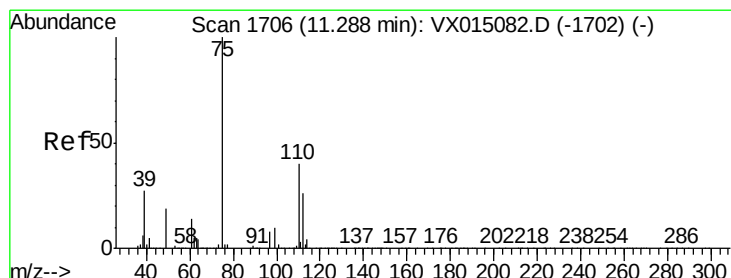
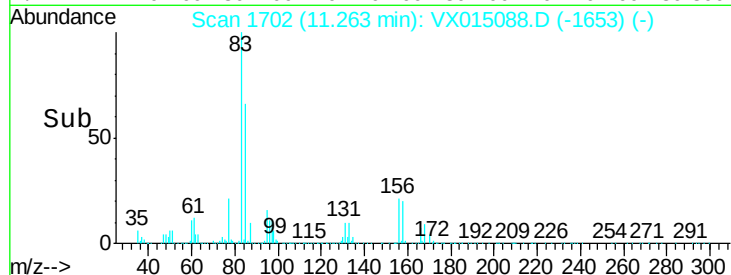
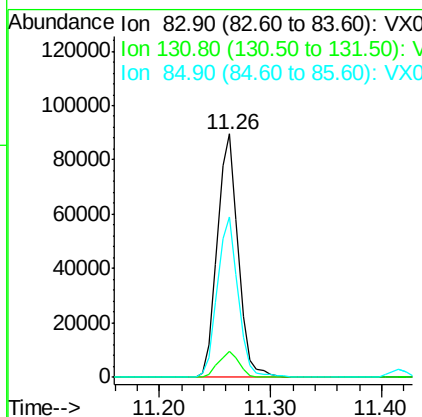
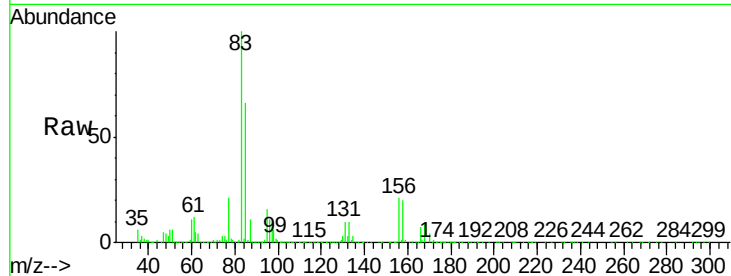
ClientSampleId :

VX0304WBSD01

Tot Ion:	83	Resp:	116516
Ion Ratio		Lower	Upper
83	100		
131	10.7	5.0	14.9
85	65.4	31.9	95.9

Manual Integrations
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3/5/2020 3:53:53 PM



#76

1,2,3-Trichloropropane

Concen: 20.989 ug/l m

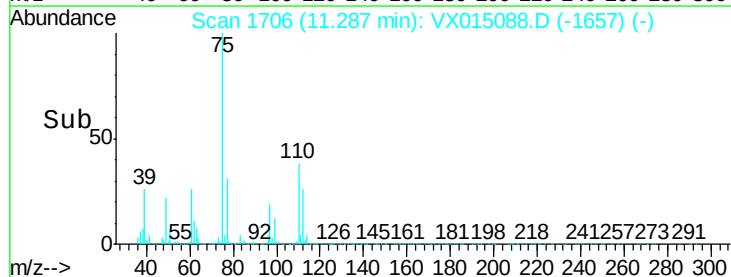
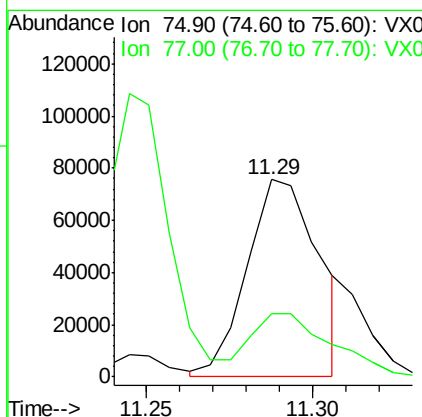
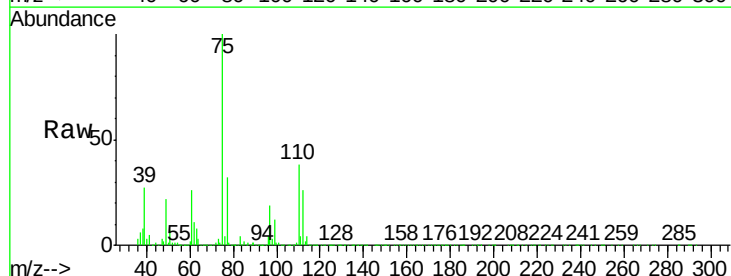
RT: 11.29 min Scan# 1706

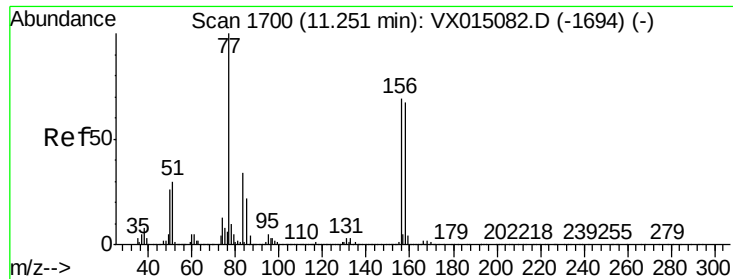
Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion:	75	Resp:	113918
Ion Ratio		Lower	Upper
75	100		
77	37.5	22.6	67.8





#77

Bromobenzene

Concen: 19.996 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

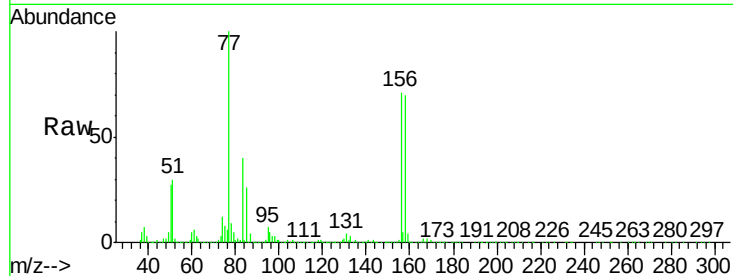
ClientSampleId :

VX0304WBSD01

Tot Ion:	156	Resp:	96864
Ion Ratio	Lower	Upper	
156	100		
77	147.0	75.3	225.9
158	96.5	48.5	145.6

Manual Integrations
APPROVED

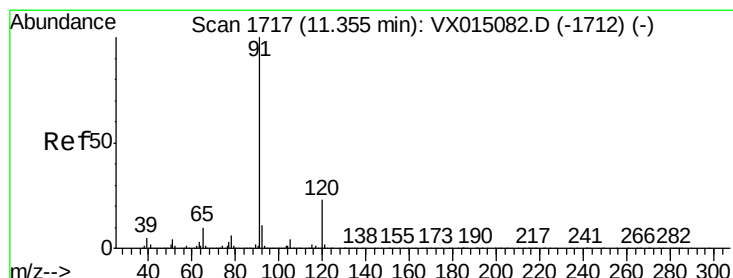
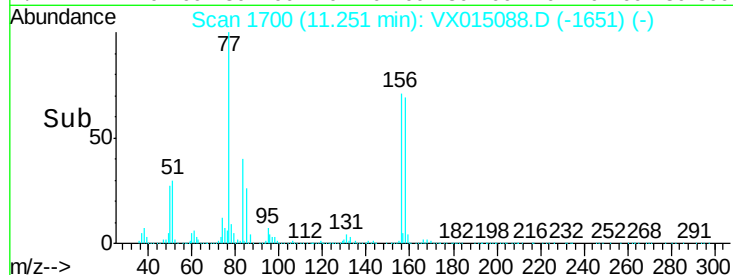
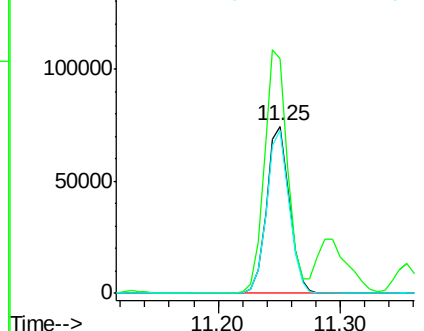
MMDadoda
3/5/2020 3:53:53 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.562 ug/l

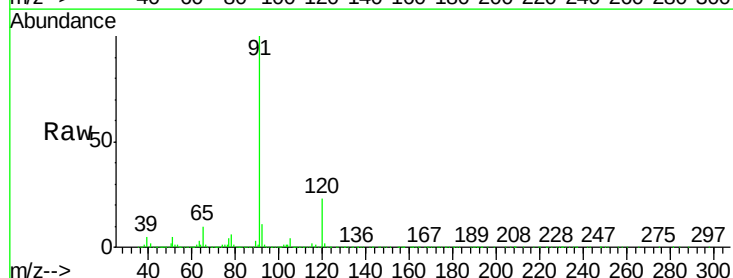
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015088.D

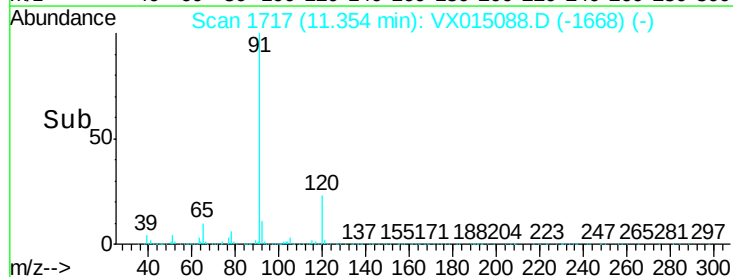
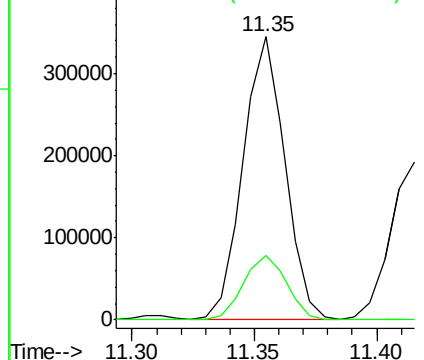
Acq: 04 Mar 2020 15:34

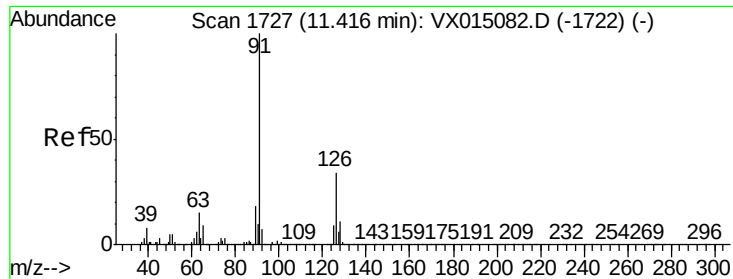
Tgt Ion:	91	Resp:	408324
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





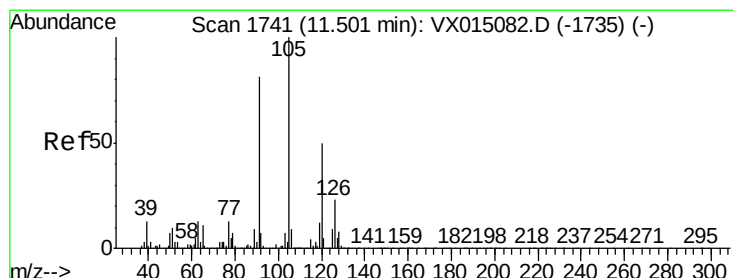
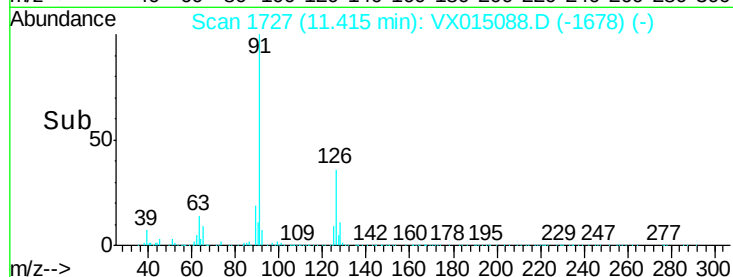
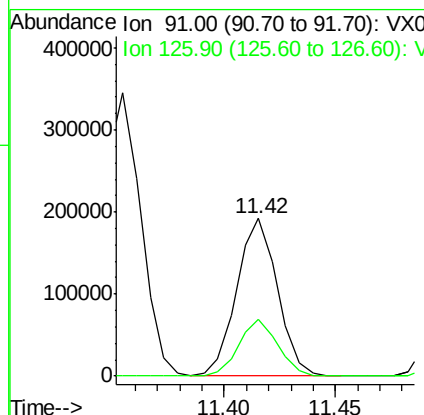
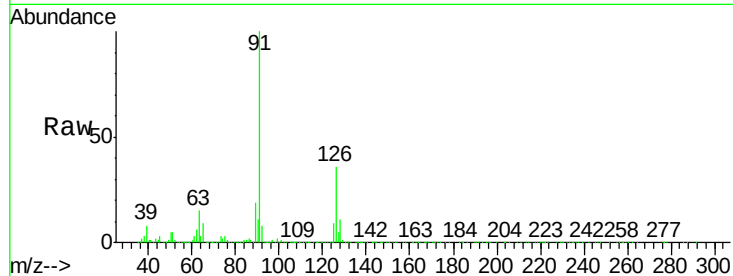
#79
 2-Chlorotoluene
 Concen: 20.446 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	52.0

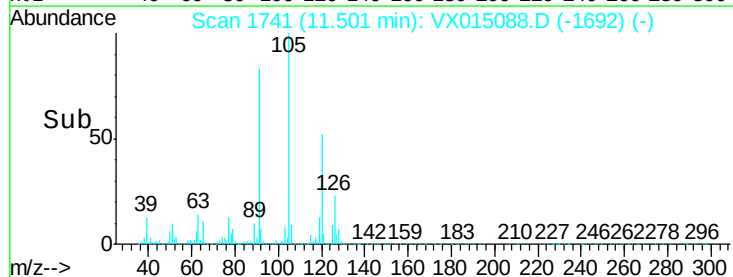
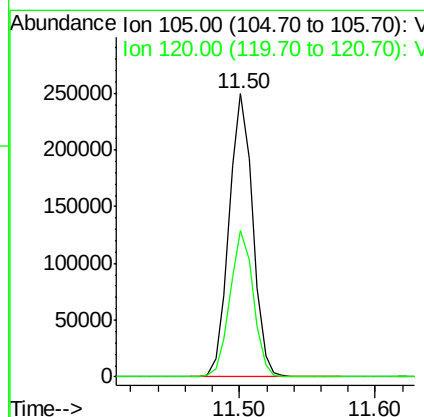
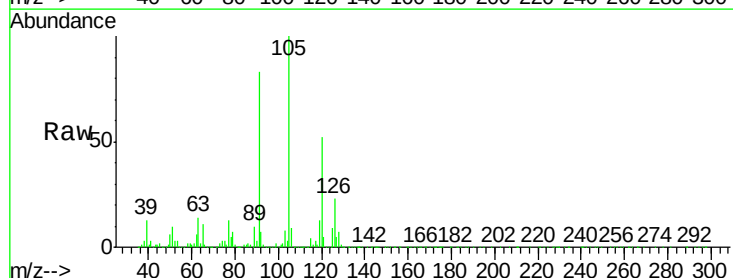
Manual Integrations
 APPROVED

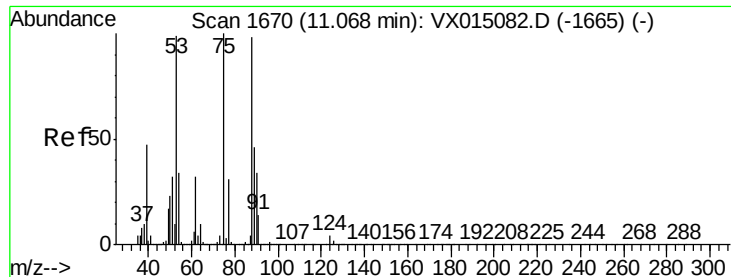
MMDadoda
 3/5/2020 3:53:53 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.763 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.1	25.1	75.4





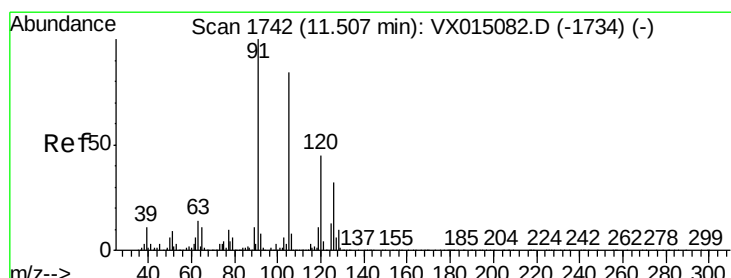
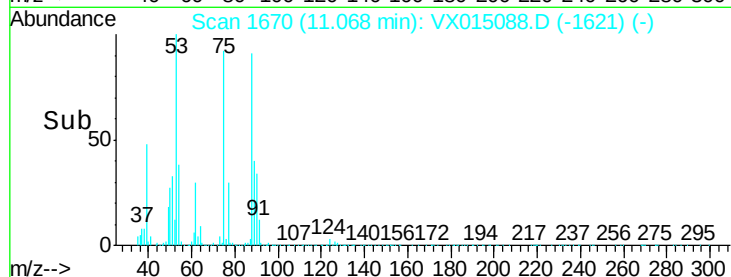
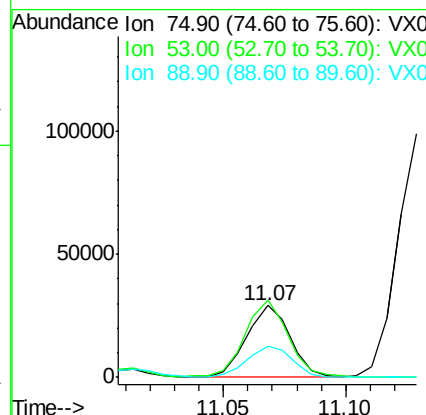
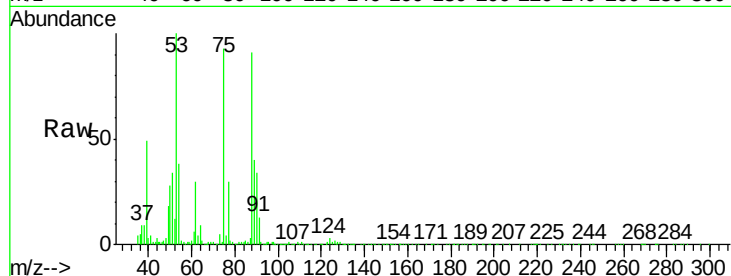
#81
trans-1,4-Dichloro-2-butene
Concen: 18.706 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampled :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.1	77.9	116.9
89	46.5	36.2	54.2

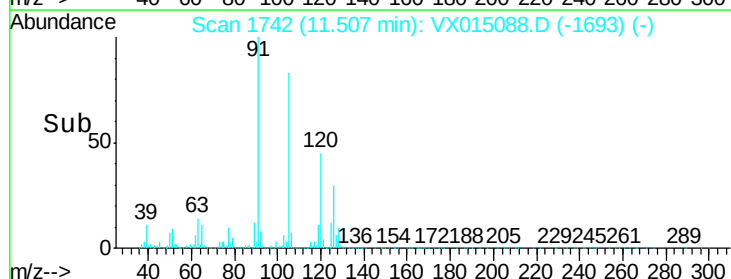
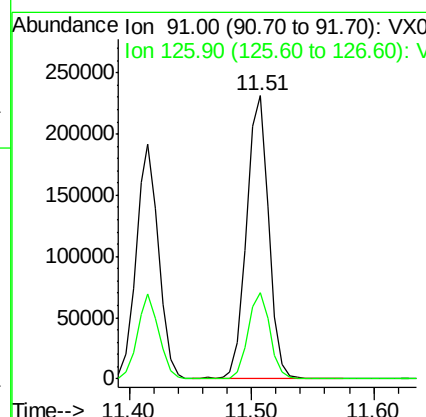
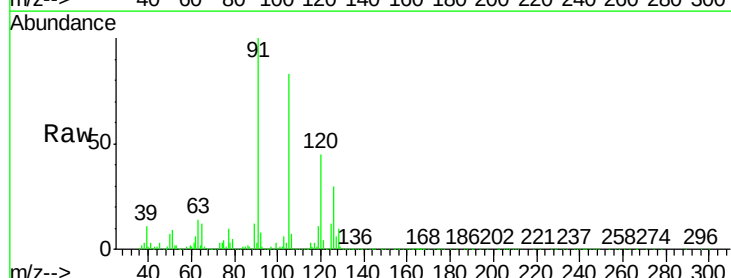
Manual Integrations
APPROVED

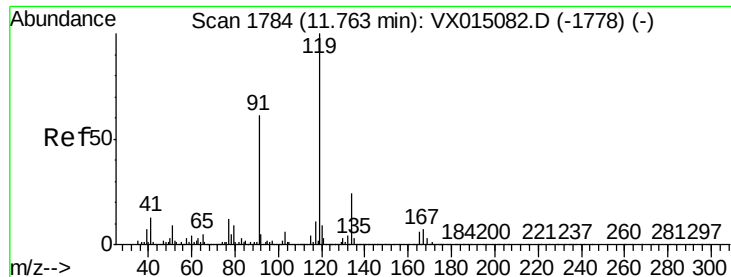
MMDadoda
3/5/2020 3:53:53 PM



#82
4-Chlorotoluene
Concen: 20.485 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.4	46.2





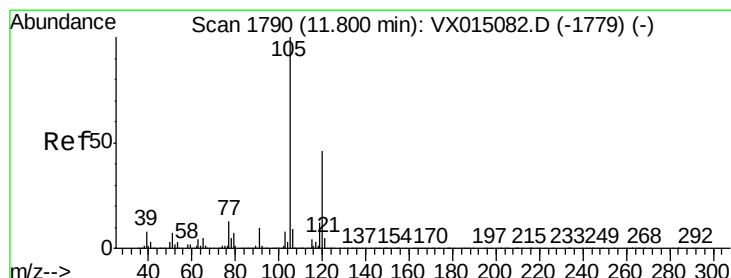
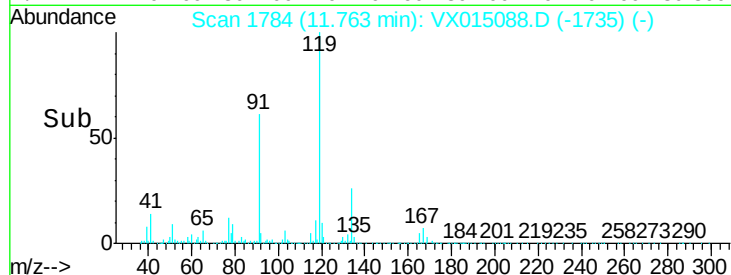
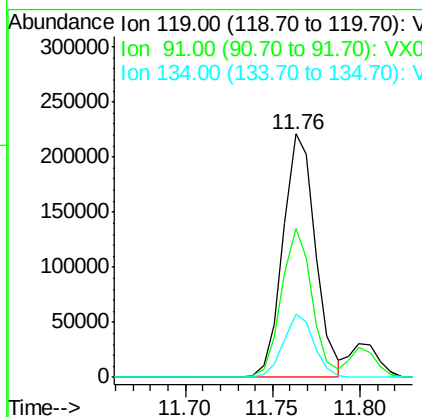
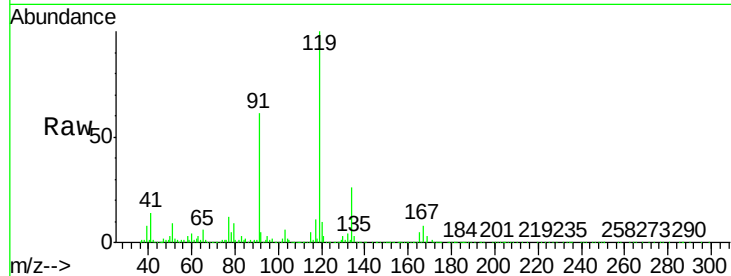
#83
 tert-Butylbenzene
 Concen: 20.552 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	287540		
91	57.3		28.5	85.6
134	24.7		11.9	35.7

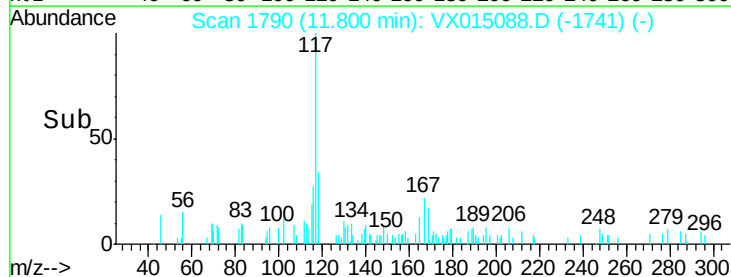
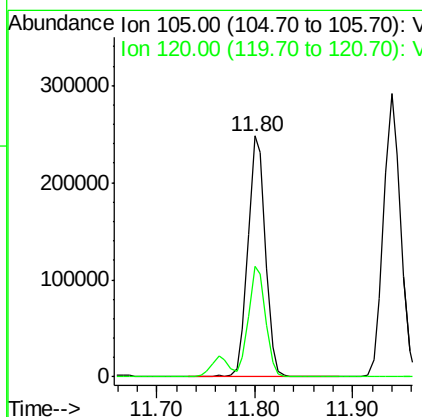
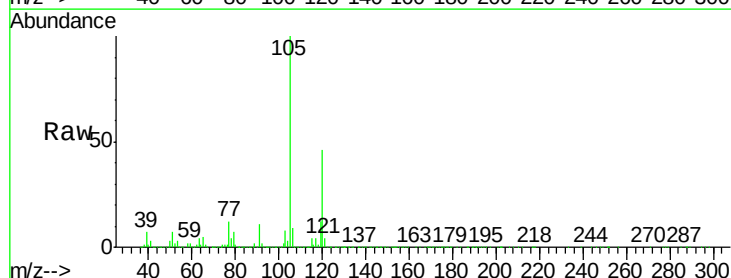
Manual Integrations
 APPROVED

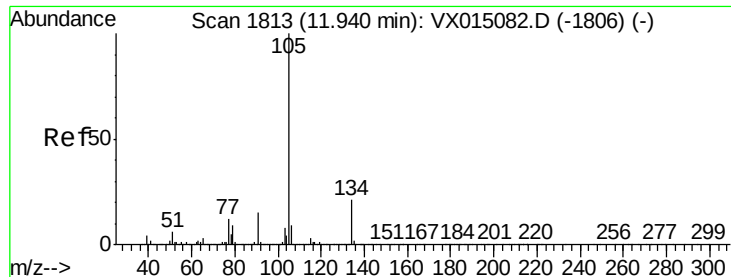
MMDadoda
 3/5/2020 3:53:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.172 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307764		
120	44.7		22.9	68.5





#85

sec-Butylbenzene

Concen: 20.937 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tot Ion:105 Resp: 353609

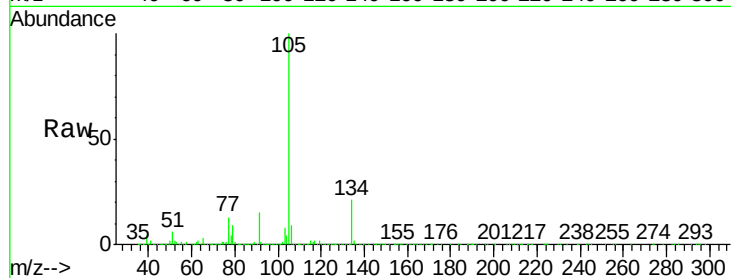
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2

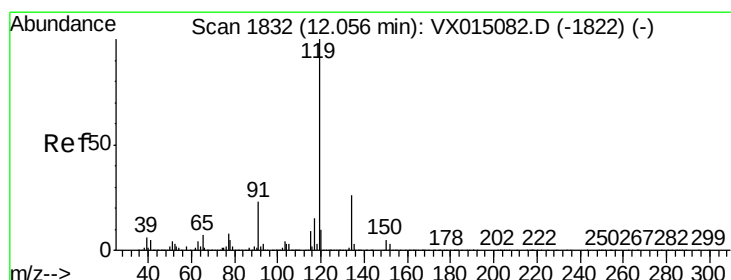
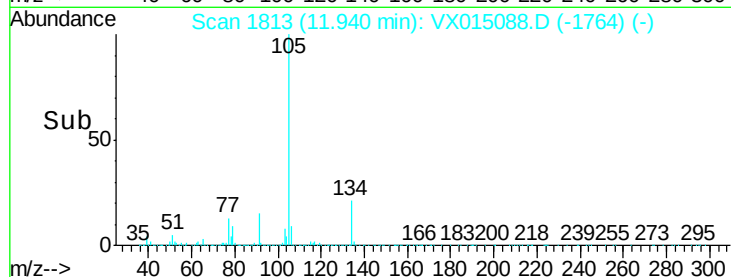
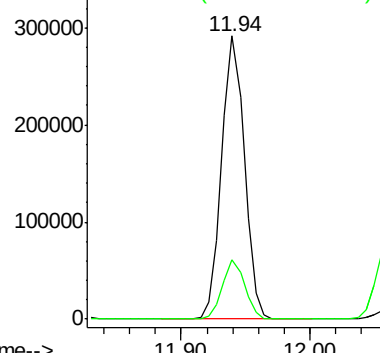
Manual Integrations
APPROVED

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3/5/2020 3:53:53 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.105 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

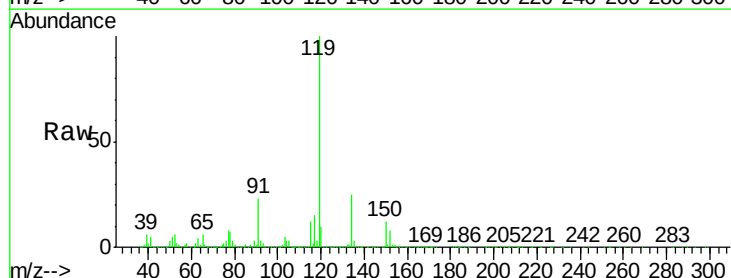
Tgt Ion:119 Resp: 328412

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

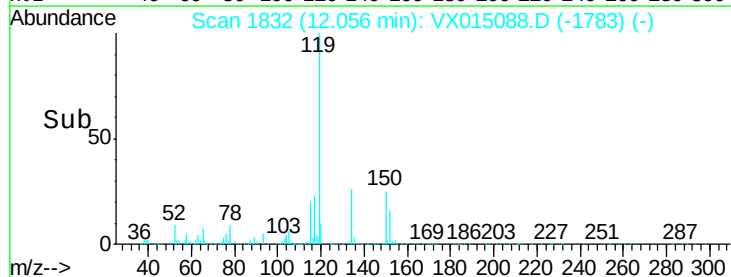
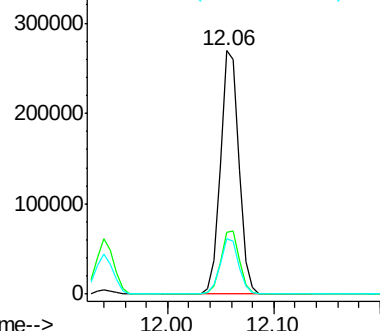
91 22.7 11.3 33.8

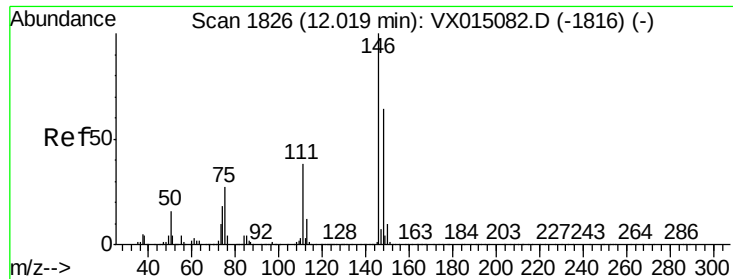


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.907 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

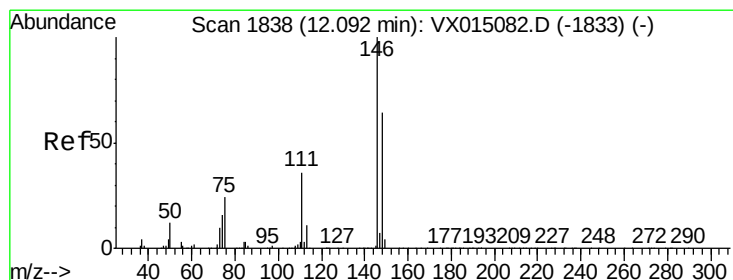
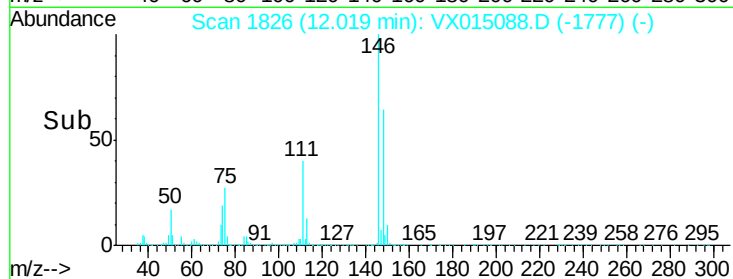
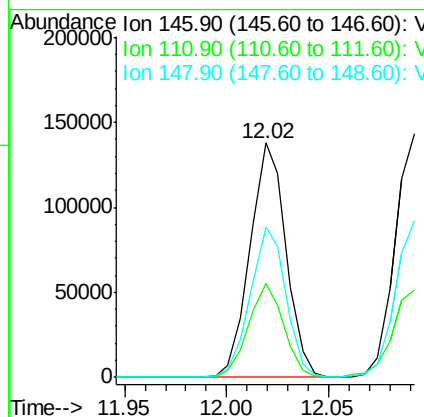
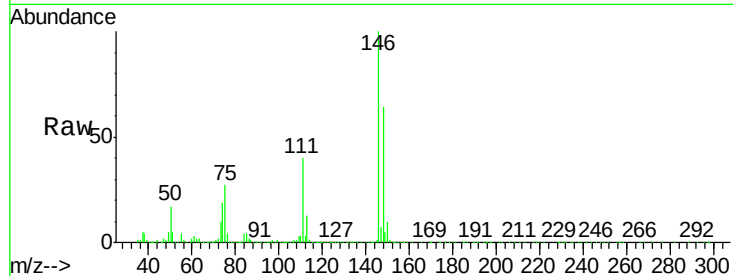
Instrument :
MSVOA_X

ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	63.5	31.9	95.5

Manual Integrations
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3/5/2020 3:53:53 PM



#88

1,4-Dichlorobenzene

Concen: 19.797 ug/l

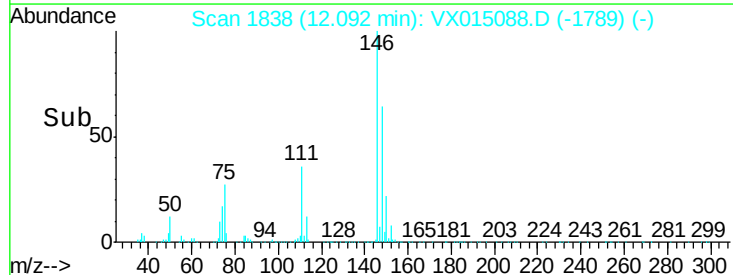
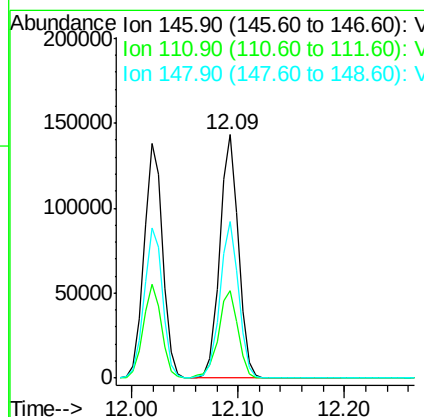
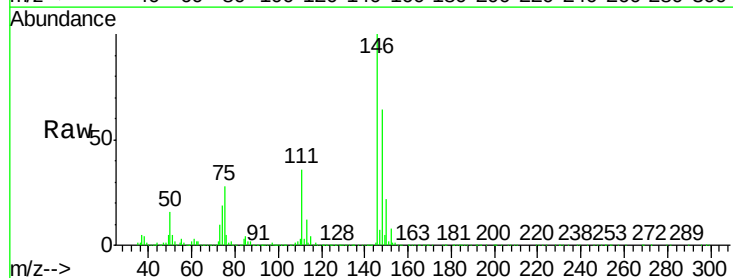
RT: 12.09 min Scan# 1838

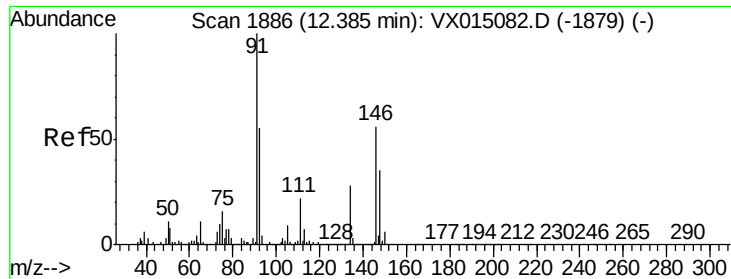
Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.3	32.5	97.4





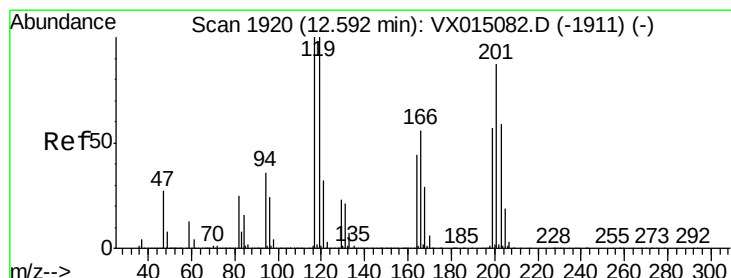
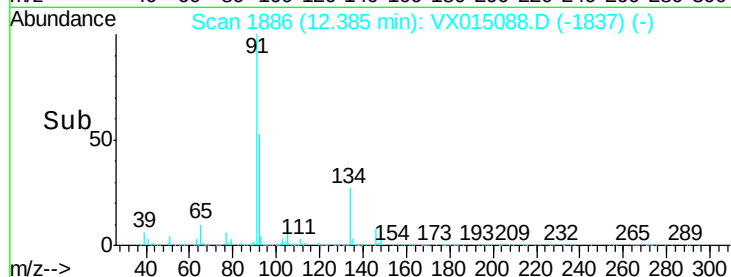
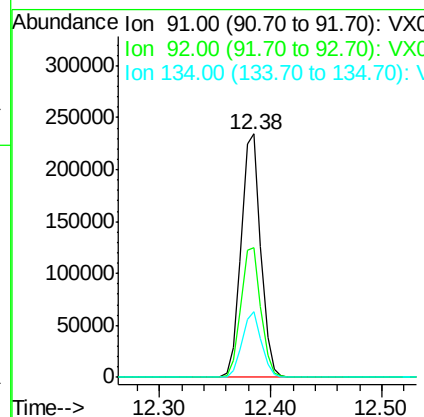
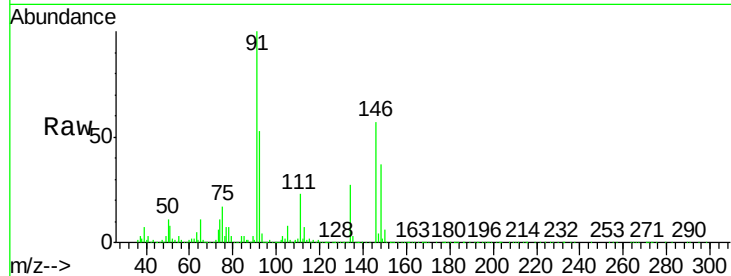
#89
n-Butylbenzene
Concen: 20.674 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	286121		
92	54.0	27.2	81.6	
134	26.3	13.5	40.5	

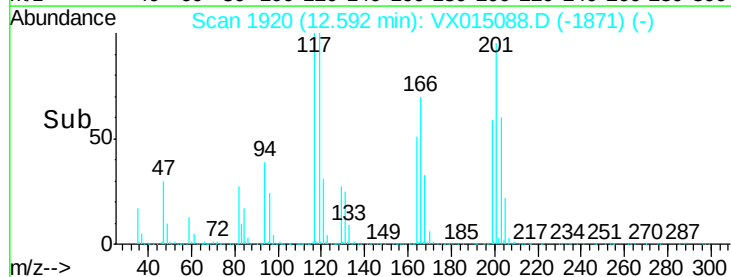
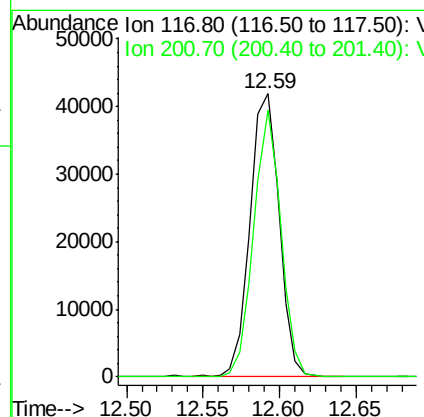
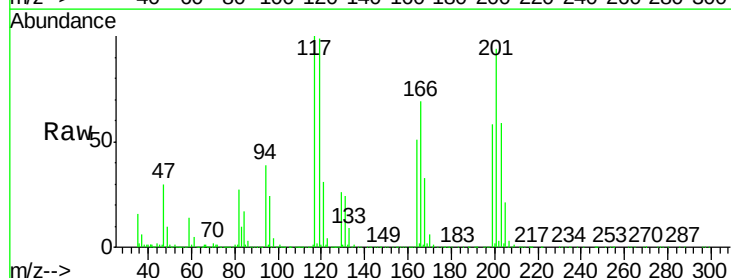
Manual Integrations
APPROVED

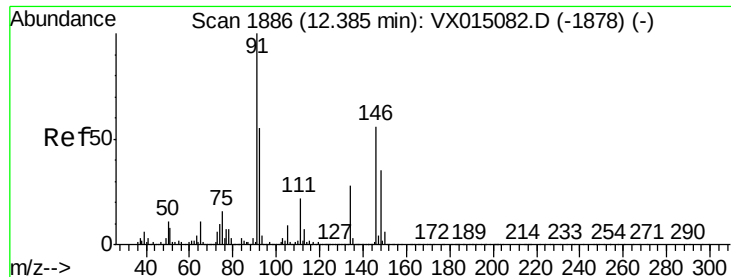
MMDadoda
3/5/2020 3:53:53 PM



#90
Hexachloroethane
Concen: 18.990 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55865		
201	87.5	43.5	130.7	





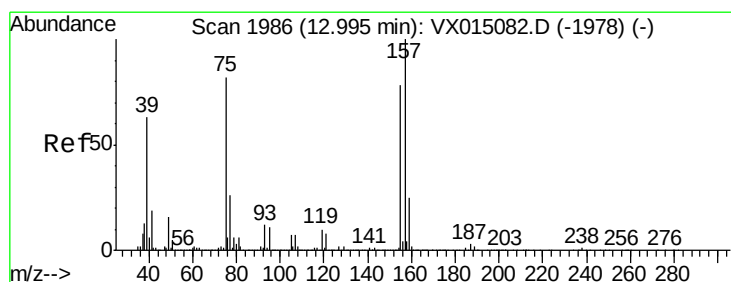
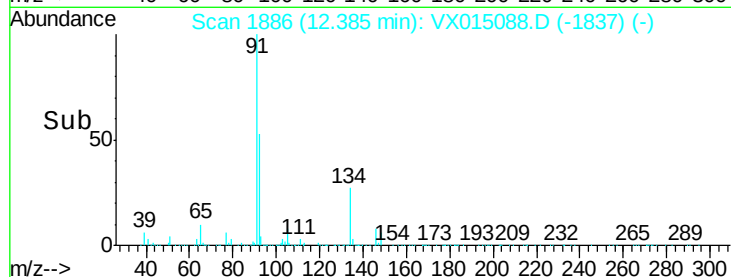
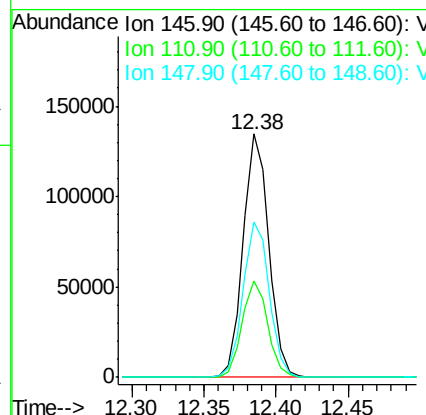
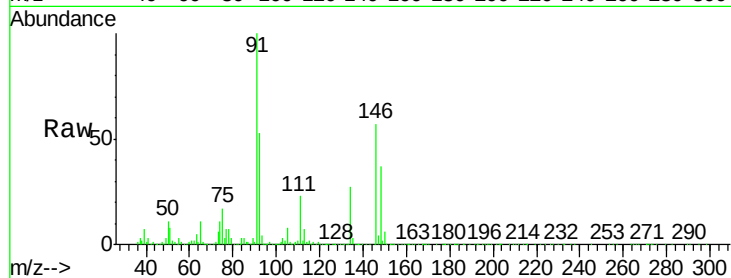
#91
 1,2-Dichlorobenzene
 Concen: 19.747 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167185		
111	39.7	19.9	59.7	
148	65.0	32.3	96.8	

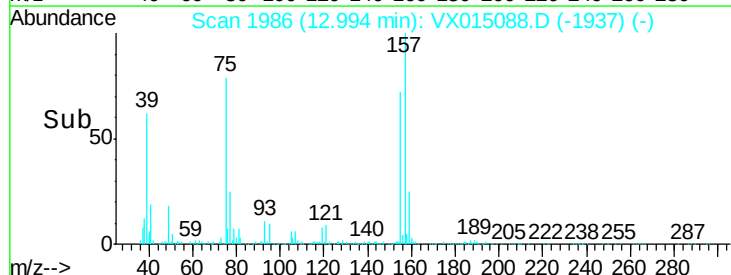
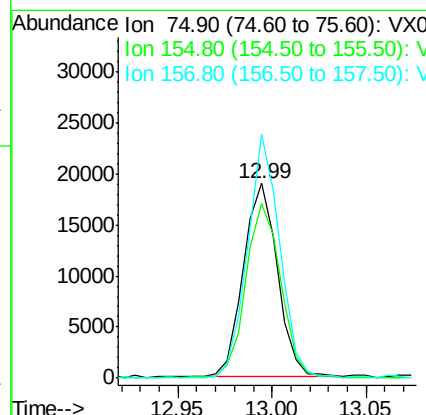
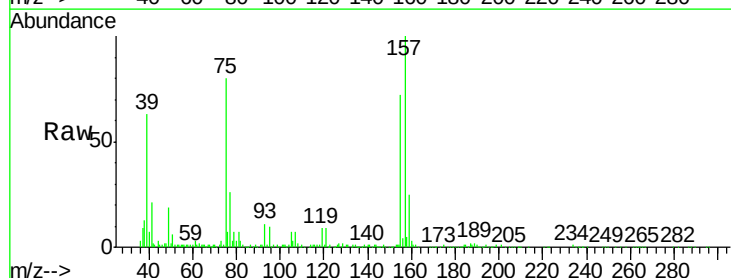
Manual Integrations
 APPROVED

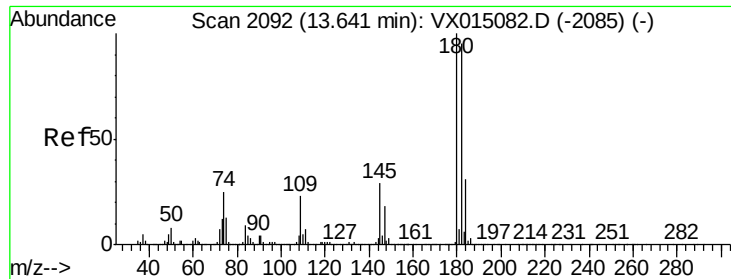
MMDadoda
 3/5/2020 3:53:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.588 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23881		
155	93.4	46.6	139.7	
157	118.1	59.2	177.5	





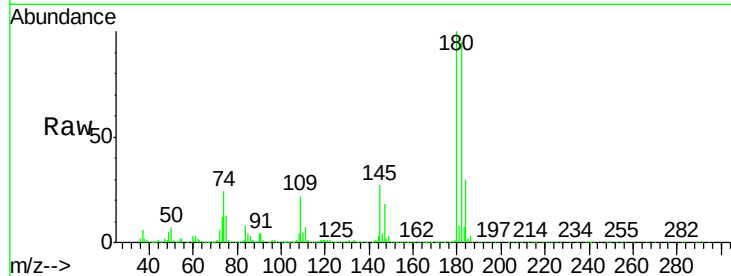
#93
 1,2,4-Trichlorobenzene
 Concen: 20.329 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

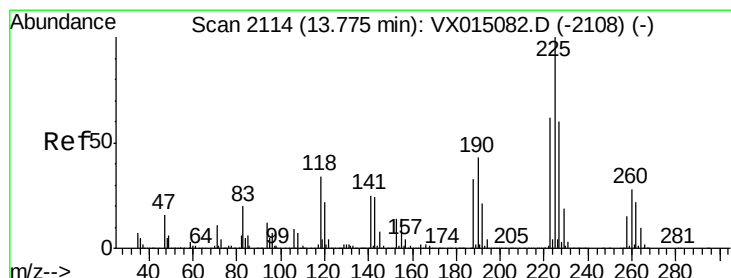
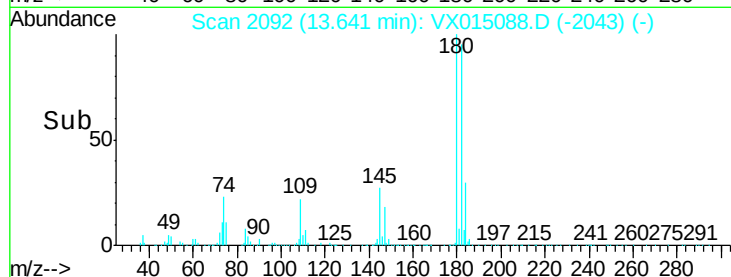
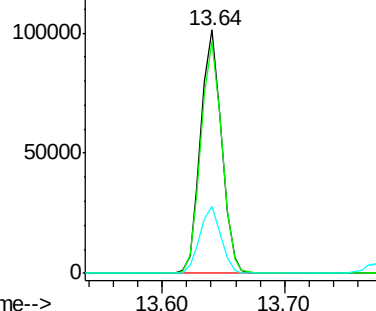
Tot Ion	Ratio	Resp	Lower	Upper
180	100	119468		
182	95.6	47.6	142.8	
145	28.0	14.1	42.2	

Manual Integrations
 APPROVED

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 3/5/2020 3:53:53 PM

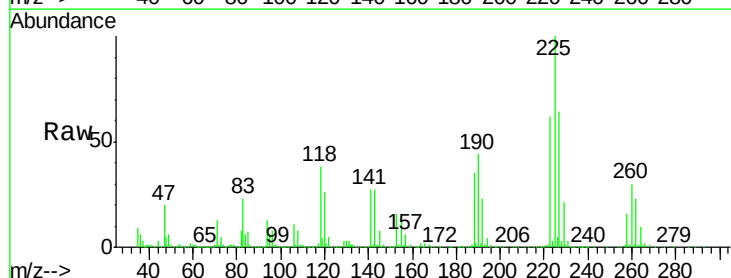


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

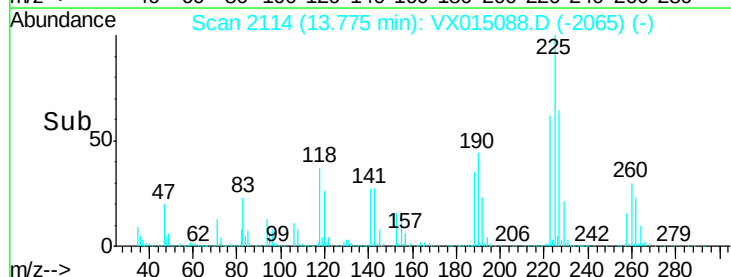
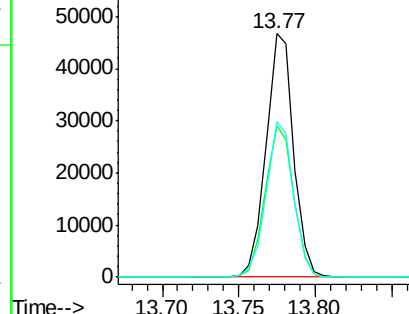


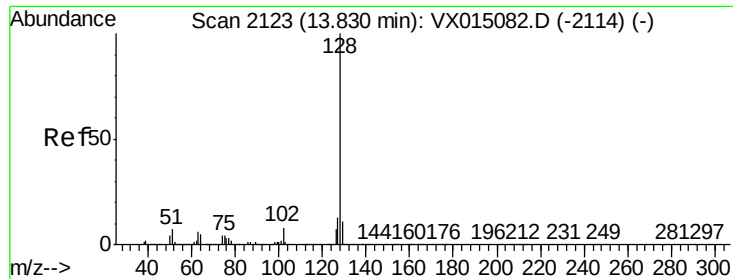
#94
 Hexachlorobutadiene
 Concen: 19.524 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58878		
223	64.1	31.3	93.9	
227	64.1	31.1	93.2	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





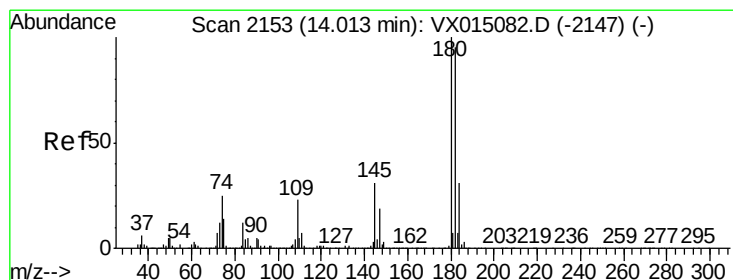
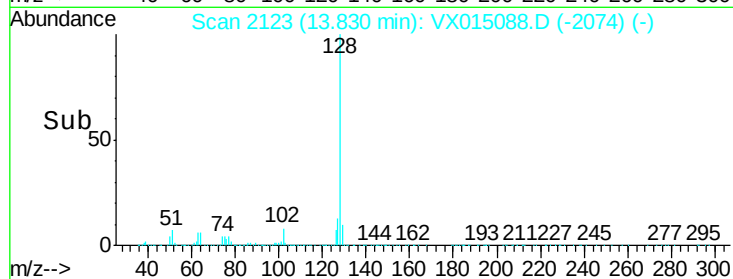
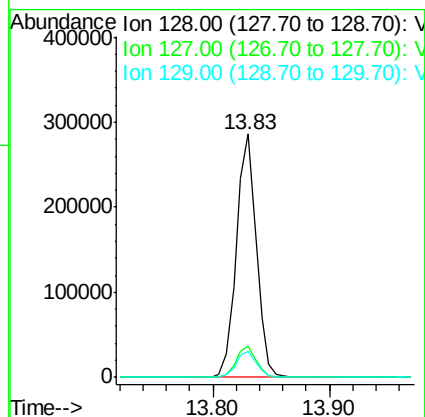
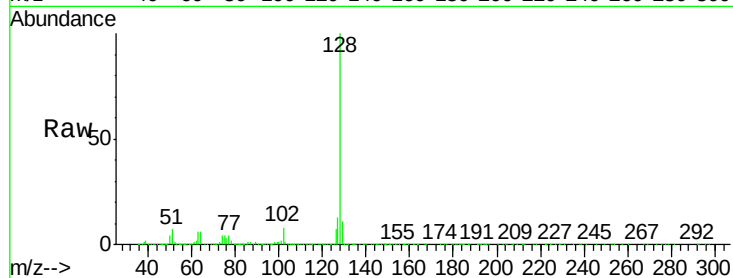
#95
Naphthalene
Concen: 19.904 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
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3/5/2020 3:53:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.938 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.4
145	29.6	15.1	45.3

