

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015285.D
 Acq On : 16 Mar 2020 11:49
 Operator : JC/SP
 Sample : VX0316WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:21 PM

Quant Time: Mar 17 08:01:20 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	303717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	469886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	229398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	163302	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	5.48	113	136298	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.71	98	528065	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.13	95	192961	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	43682	16.425	ug/l	99
3) Chloromethane	1.32	50	60547	16.072	ug/l	97
4) Vinyl Chloride	1.40	62	61321	16.052	ug/l	99
5) Bromomethane	1.64	94	38540	16.410	ug/l	100
6) Chloroethane	1.72	64	38517	16.808	ug/l	98
7) Trichlorofluoromethane	1.92	101	78199	17.204	ug/l	100
8) Diethyl Ether	2.18	74	36162	17.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51462	17.995	ug/l	98
10) Methyl Iodide	2.50	142	51265	15.867	ug/l	99
11) Tert butyl alcohol	3.03	59	59212	94.716	ug/l	97
12) 1,1-Dichloroethene	2.37	96	49142	16.650	ug/l	97
13) Acrolein	2.28	56	47594	81.011	ug/l	99
14) Allyl chloride	2.72	41	97374	18.921	ug/l	93
15) Acrylonitrile	3.13	53	153498	98.593	ug/l	98
16) Acetone	2.43	43	125438	85.962	ug/l	100
17) Carbon Disulfide	2.56	76	129001	15.739	ug/l	99
18) Methyl Acetate	2.76	43	69917	19.595	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	176730	19.162	ug/l	97
20) Methylene Chloride	2.85	84	60260	17.646	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	54440	17.274	ug/l	97
22) Diisopropyl ether	3.84	45	207693	20.257	ug/l	96
23) Vinyl Acetate	3.80	43	834506	99.014	ug/l	98
24) 1,1-Dichloroethane	3.69	63	104183	18.308	ug/l	98
25) 2-Butanone	4.65	43	209072	97.866	ug/l	97
26) 2,2-Dichloropropane	4.57	77	81502	18.042	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	66274	18.745	ug/l	99
28) Bromochloromethane	5.00	49	51638	19.928	ug/l	96
29) Tetrahydrofuran	5.11	42	133677	97.072	ug/l	97
30) Chloroform	5.20	83	103335	18.631	ug/l	97
31) Cyclohexane	5.56	56	95138	18.744	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	83961	18.262	ug/l	99
36) 1,1-Dichloropropene	5.79	75	77353	17.807	ug/l	99
37) Ethyl Acetate	4.81	43	83205	20.649	ug/l	99
38) Carbon Tetrachloride	5.77	117	70500	17.194	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	97182	19.159	ug/l	98
40) Benzene	6.13	78	245430	19.044	ug/l	97
41) Methacrylonitrile	5.03	41	46727	19.306	ug/l	99
42) 1,2-Dichloroethane	6.18	62	84760	19.151	ug/l	99
43) Isopropyl Acetate	6.43	43	140028	19.754	ug/l	98
44) Trichloroethene	7.20	130	67524	18.813	ug/l	93
45) 1,2-Dichloropropane	7.50	63	67542	20.247	ug/l	96
46) Dibromomethane	7.65	93	42001	19.323	ug/l	98
47) Bromodichloromethane	7.89	83	82084	19.097	ug/l	99
48) Methyl methacrylate	7.76	41	68029	18.856	ug/l	98
49) 1,4-Dioxane	7.74	88	29542	378.720	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	424242	101.223	ug/l	100
52) Toluene	8.78	92	153041	19.421	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	89923	19.655	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	101194	19.565	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	64659	19.936	ug/l	98
56) Ethyl methacrylate	9.17	69	92224	19.935	ug/l	96
57) 1,3-Dichloropropane	9.36	76	110006	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	243189	96.493	ug/l	98
59) 2-Hexanone	9.48	43	316885	102.010	ug/l	100
60) Dibromochloromethane	9.57	129	65154	19.123	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65274	19.161	ug/l	99
64) Tetrachloroethene	9.33	164	67542	19.369	ug/l	95
65) Chlorobenzene	10.13	112	165047	19.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	61050	19.121	ug/l	99
67) Ethyl Benzene	10.25	91	284712	19.801	ug/l	98
68) m/p-Xylenes	10.35	106	222378	40.650	ug/l	100
69) o-Xylene	10.70	106	104317	19.917	ug/l	99
70) Styrene	10.71	104	181865	20.251	ug/l	99
71) Bromoform	10.85	173	48363	19.533	ug/l #	99
73) Isopropylbenzene	11.01	105	282649	19.288	ug/l	99
74) N-amyl acetate	10.89	43	117872	19.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	90027	18.434	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	76686m	16.759	ug/l	
77) Bromobenzene	11.25	156	76234	18.667	ug/l	99
78) n-propylbenzene	11.35	91	324160	19.362	ug/l	99
79) 2-Chlorotoluene	11.42	91	189370	18.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	239481	19.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	28616	17.748	ug/l	99
82) 4-Chlorotoluene	11.51	91	224489	19.005	ug/l	99
83) tert-Butylbenzene	11.76	119	224201	19.007	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	238028	19.423	ug/l	100
85) sec-Butylbenzene	11.94	105	277086	19.459	ug/l	99
86) p-Isopropyltoluene	12.06	119	259235	19.760	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	136351	18.992	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	140046	18.894	ug/l	98
89) n-Butylbenzene	12.38	91	231176	19.813	ug/l	99
90) Hexachloroethane	12.59	117	44945	18.122	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	135638	19.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18191	18.601	ug/l	98

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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	98055	19.791	ug/l	99
94) Hexachlorobutadiene	13.77	225	49697	19.547	ug/l	99
95) Naphthalene	13.83	128	275873	19.072	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97765	19.777	ug/l	98

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

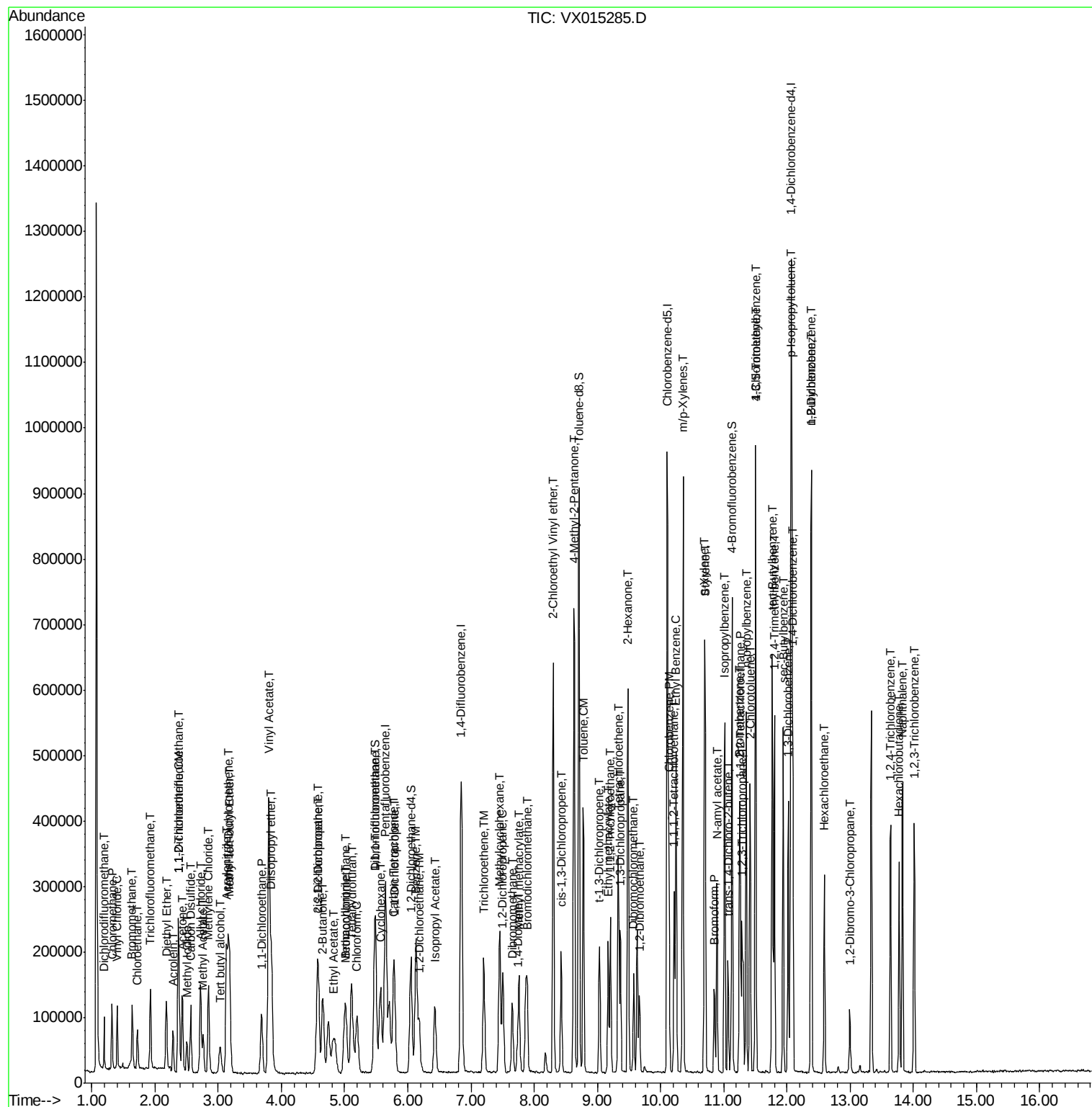
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031620\
Data File : VX015285.D
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Sample : VX0316WBSD01
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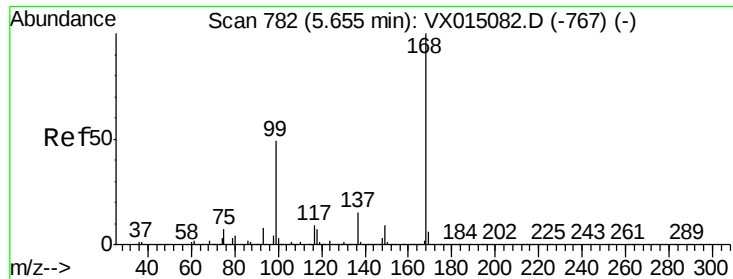
Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion:168 Resp: 303717

Ion Ratio Lower Upper

168 100

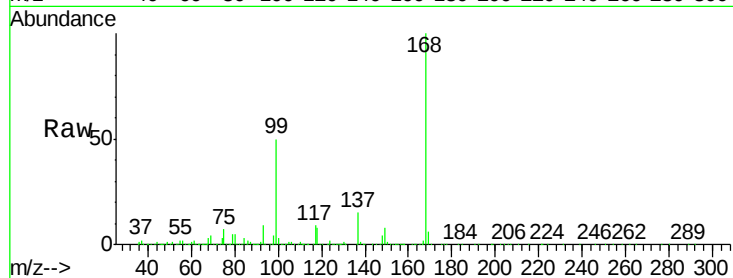
99 49.5 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

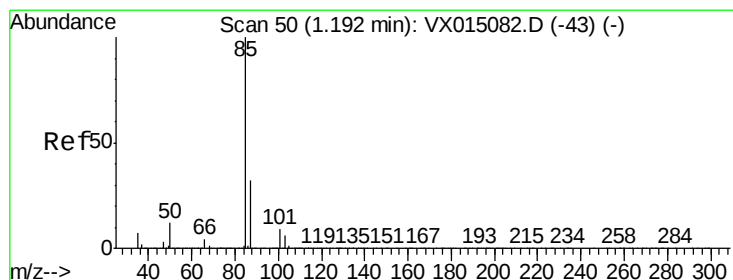
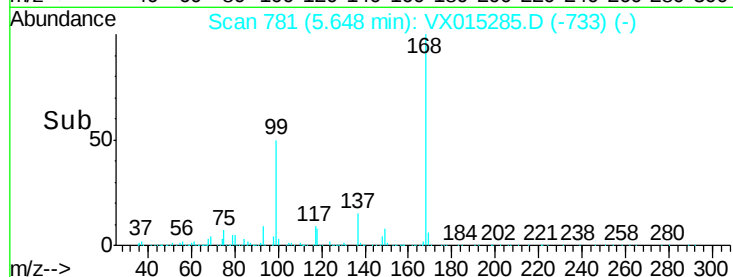
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.425 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015285.D

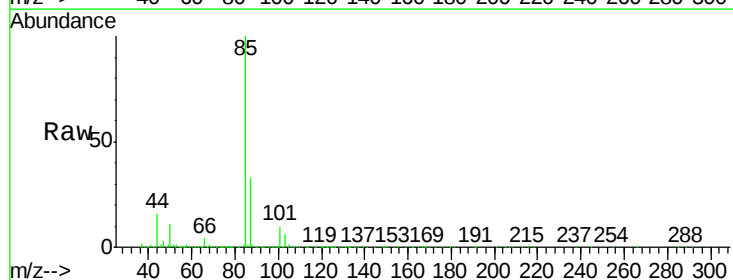
Acq: 16 Mar 2020 11:49

Tgt Ion: 85 Resp: 43682

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

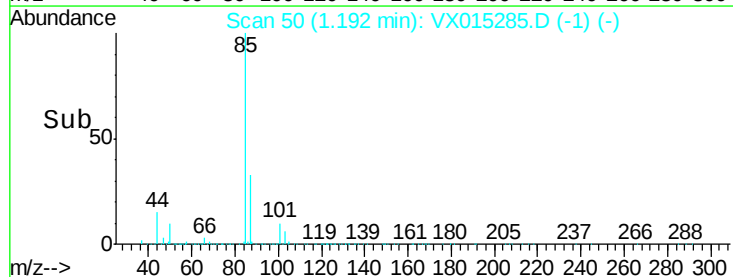
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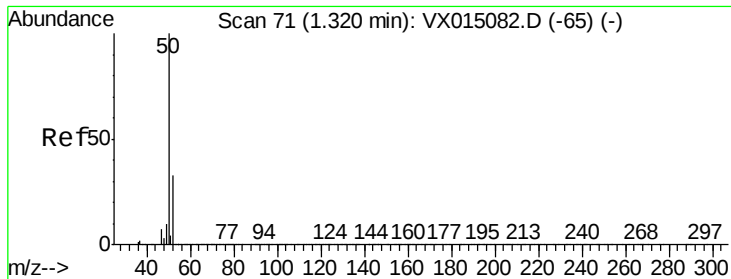
20000

10000

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Time-->





#3

Chloromethane

Concen: 16.072 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0316WBSD01

Tot Ion: 50 Resp: 60547

Ion Ratio Lower Upper

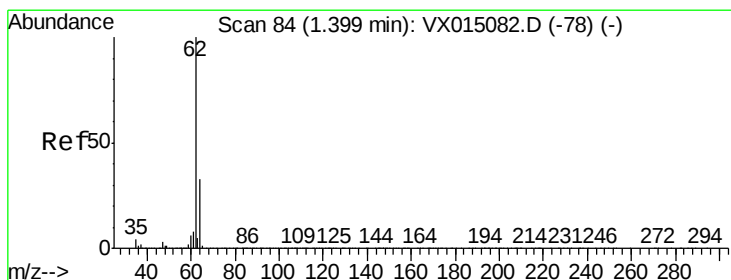
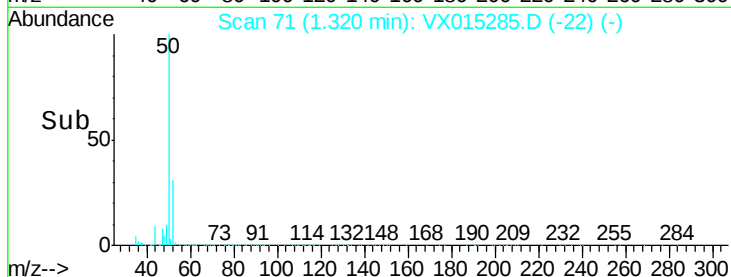
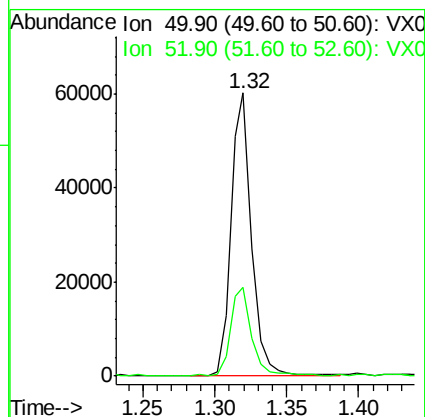
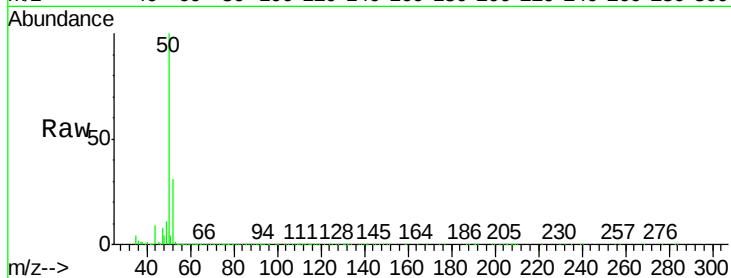
50 100

52 31.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015285.D

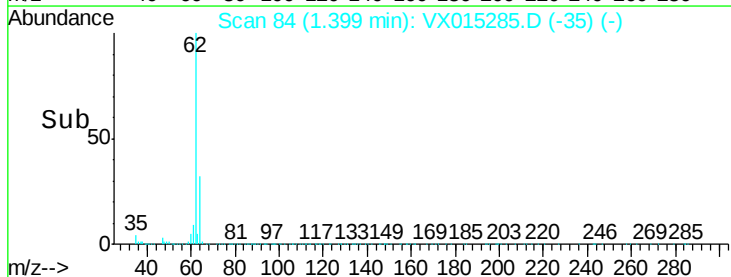
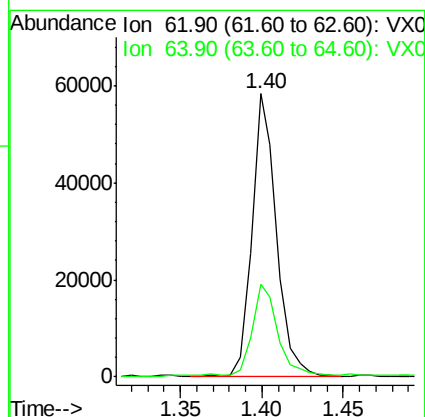
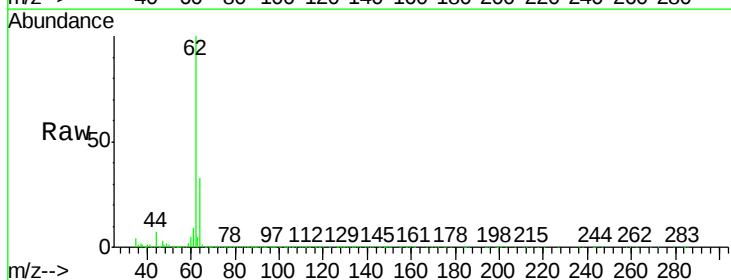
Acq: 16 Mar 2020 11:49

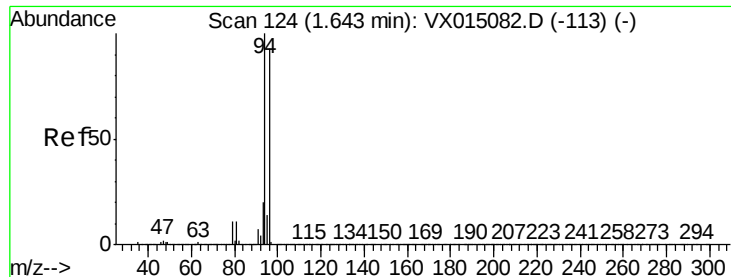
Tgt Ion: 62 Resp: 61321

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1





#5

Bromomethane

Concen: 16.410 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 94 Resp: 38540

Ion Ratio Lower Upper

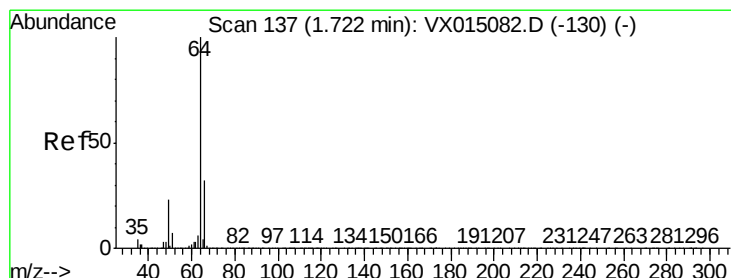
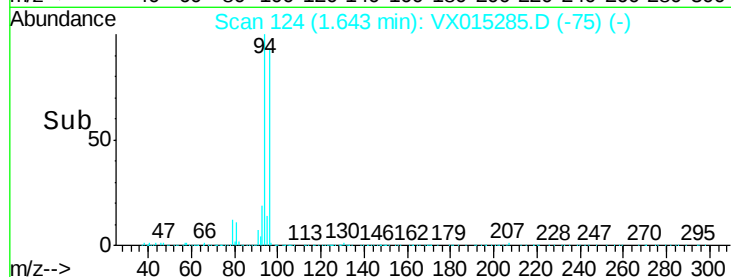
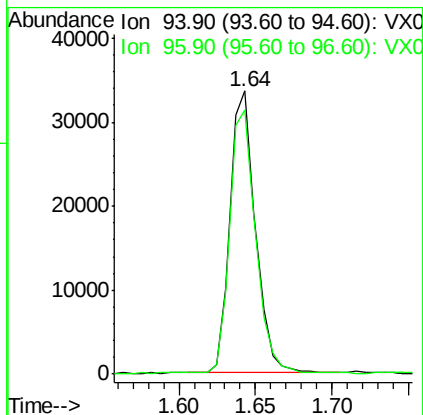
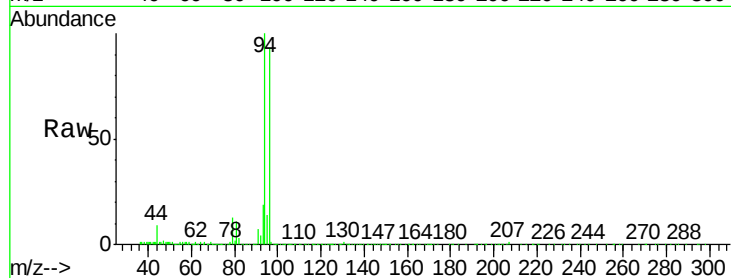
94 100

96 93.4 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 16.808 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015285.D

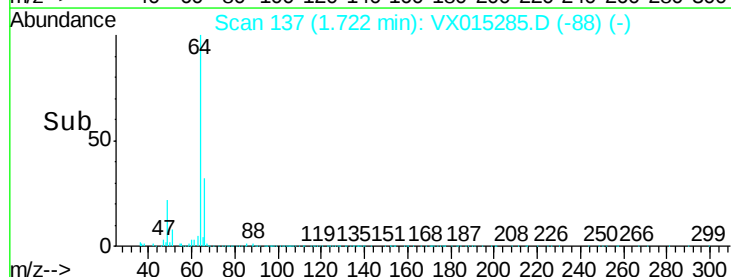
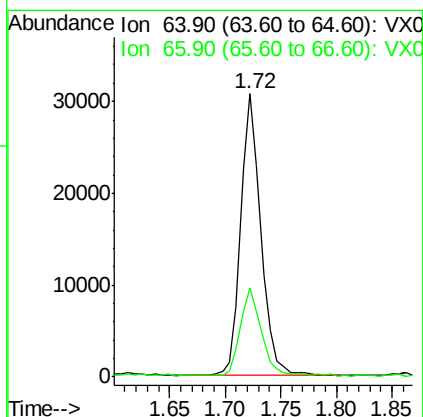
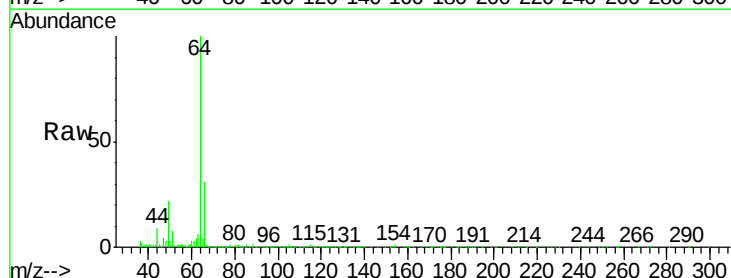
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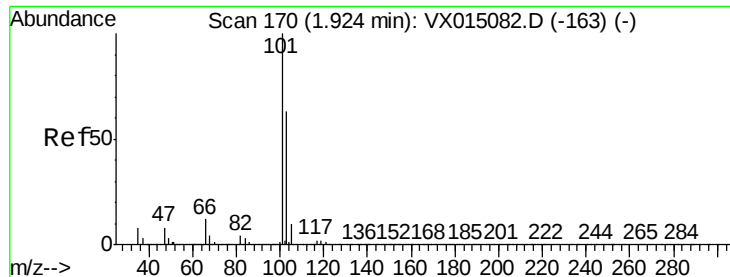
Tgt Ion: 64 Resp: 38517

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8





#7

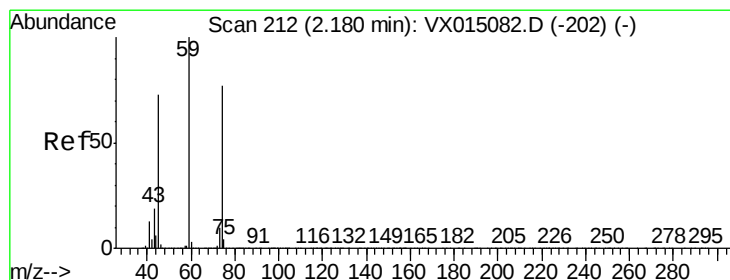
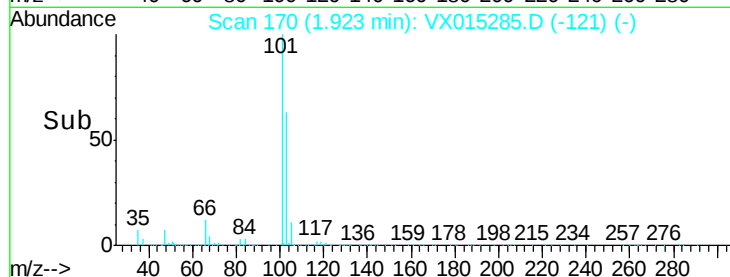
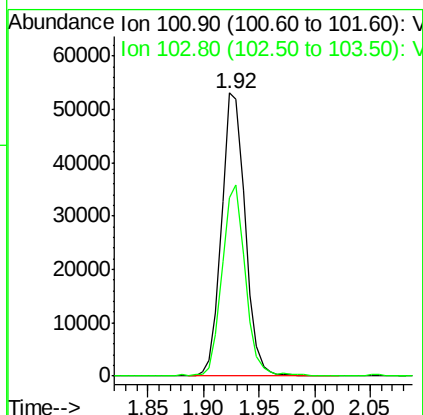
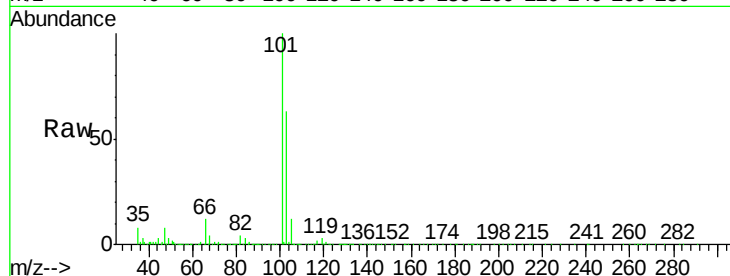
Trichlorofluoromethane
Concen: 17.204 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	50.4	75.6

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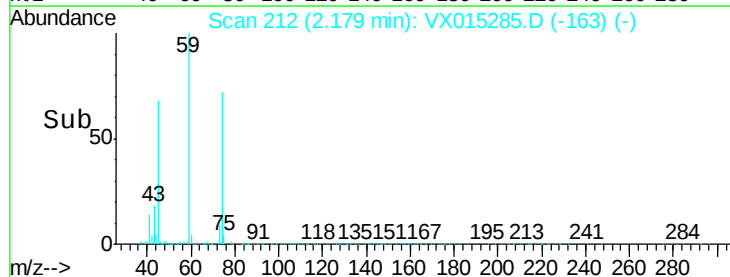
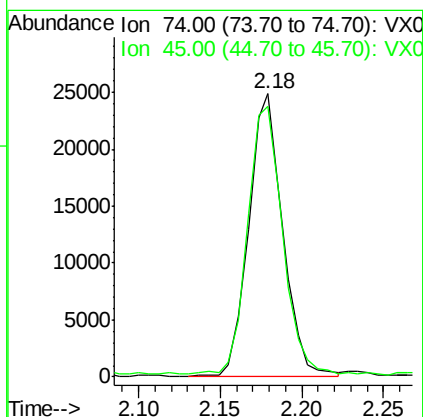
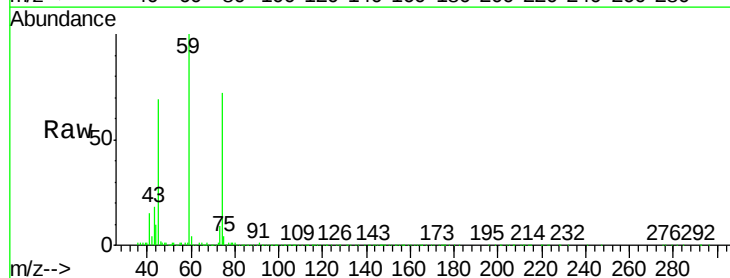
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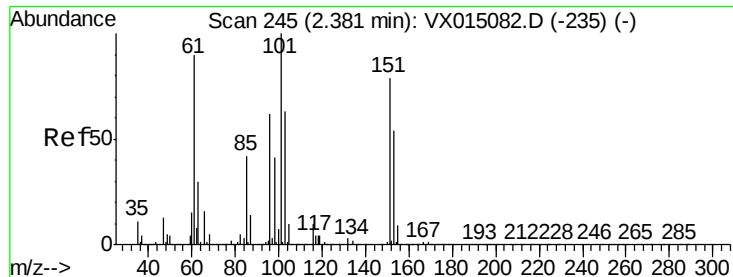


#8

Diethyl Ether
Concen: 17.565 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.995 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015285.D

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MSVOA_X

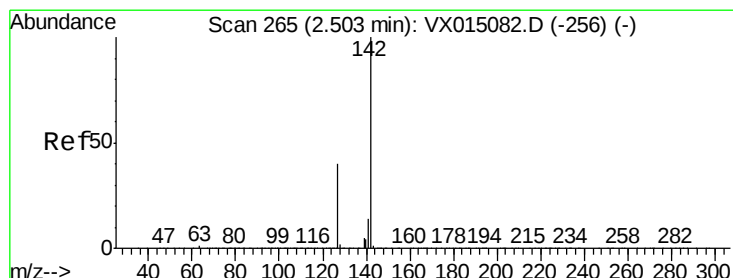
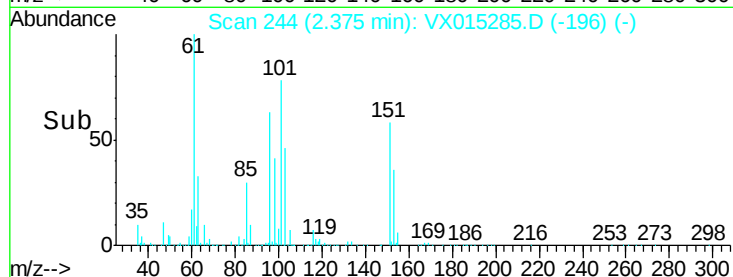
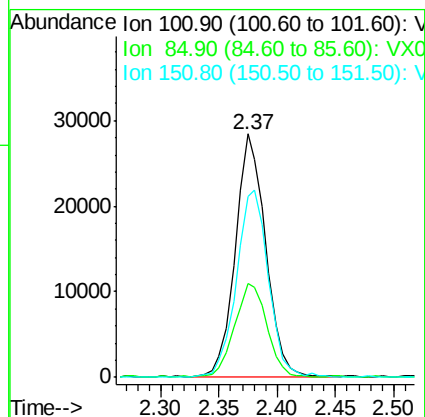
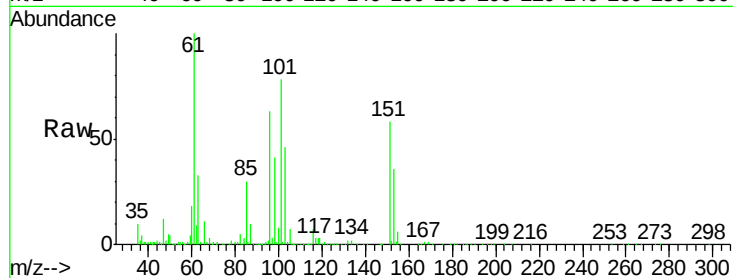
ClientSampleId :

VX0316WBSD01

Tot Ion:	101	Resp:	51462
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	81.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.867 ug/l

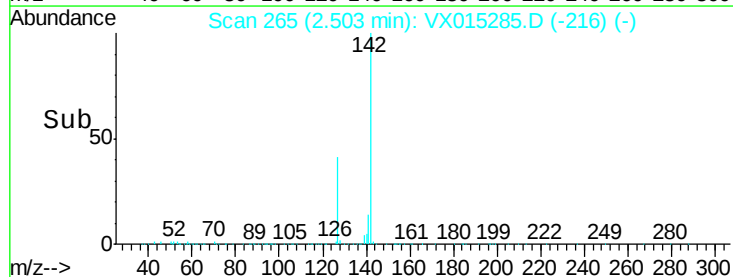
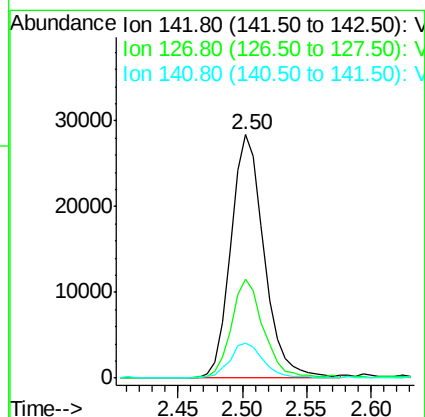
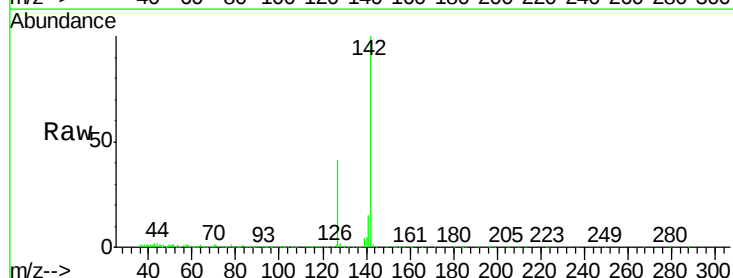
RT: 2.50 min Scan# 265

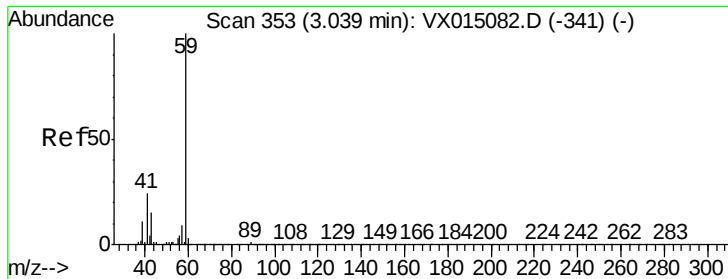
Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	142	Resp:	51265
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.7	47.5
141	14.9	11.3	16.9





#11

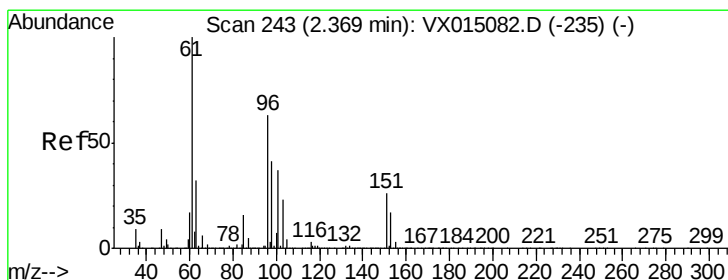
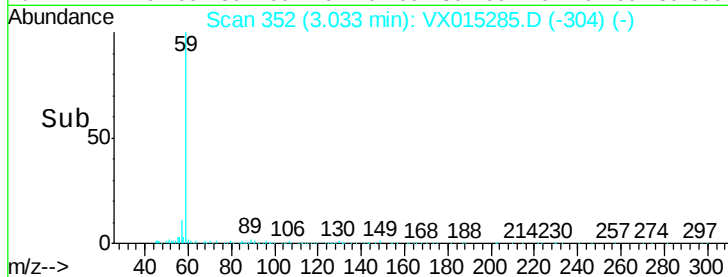
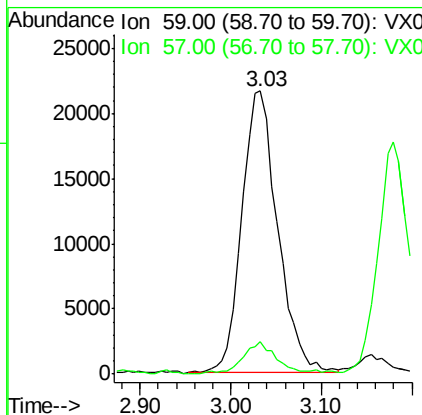
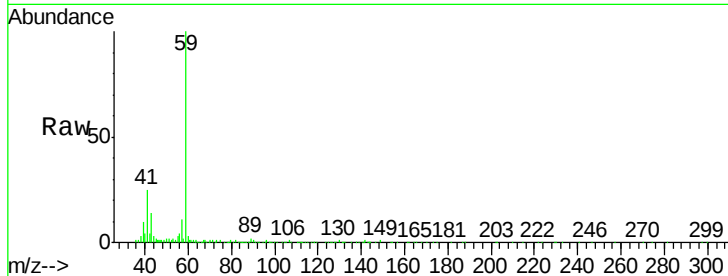
Tert butyl alcohol
Concen: 94.716 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.2	12.4

Manual Integrations
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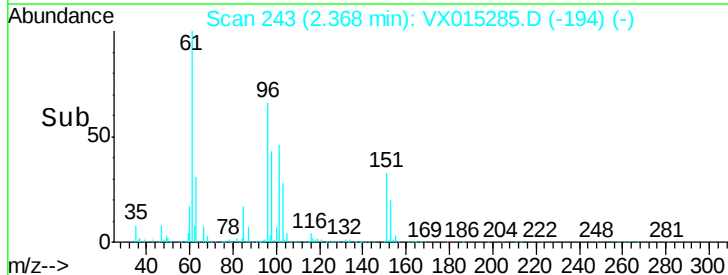
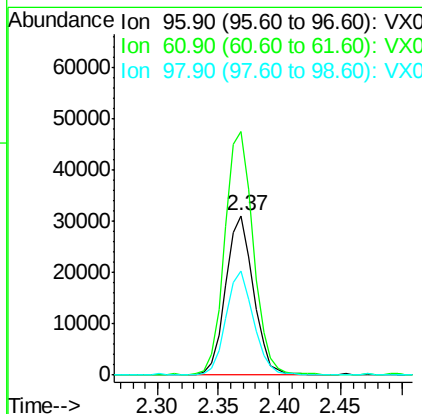
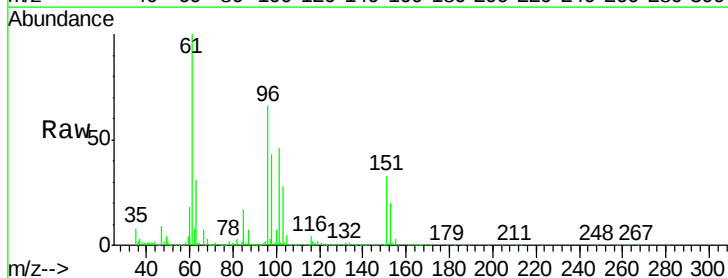
MMDadoda
3/17/2020 12:11:21 PM

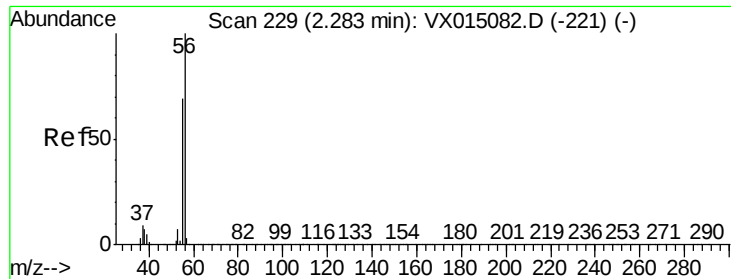


#12

1,1-Dichloroethene
Concen: 16.650 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	126.2	189.4
98	65.0	51.4	77.0





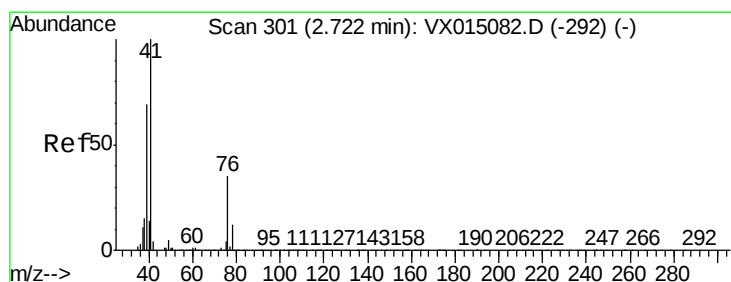
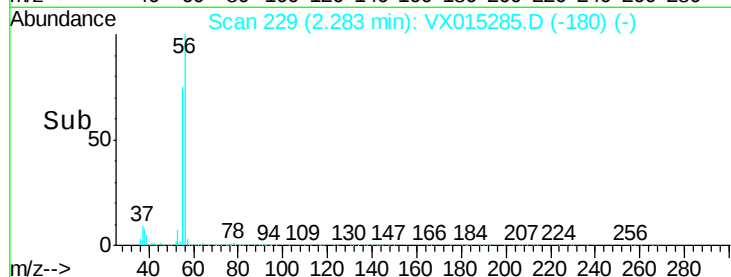
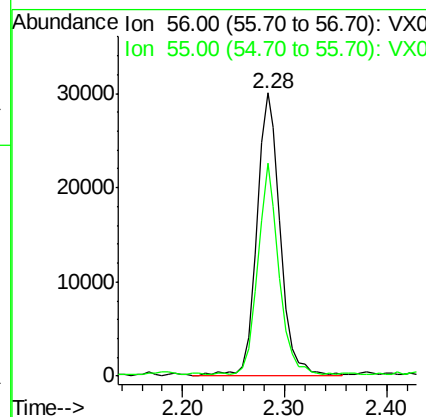
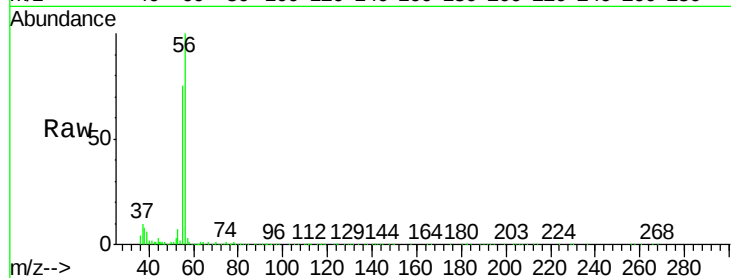
#13
Acrolein
Concen: 81.011 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	68.2	55.4	83.0

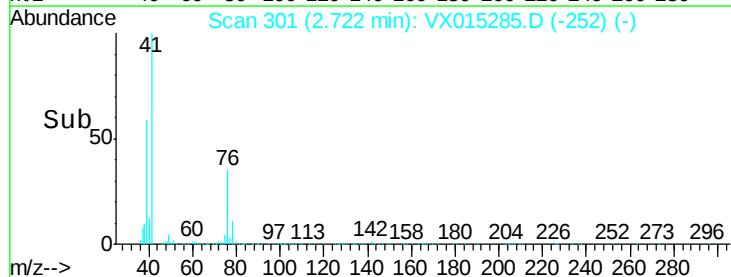
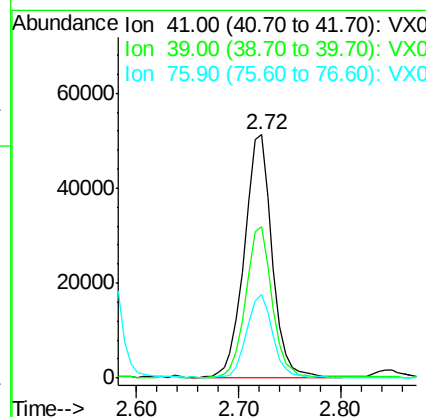
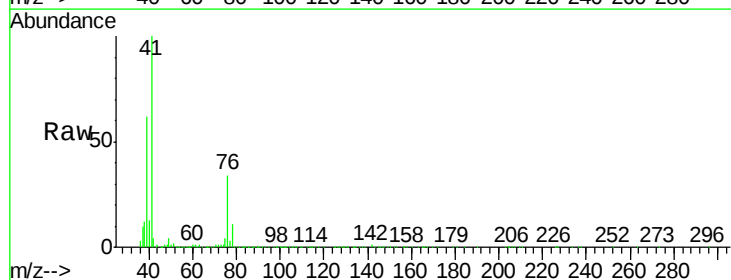
Manual Integrations
APPROVED

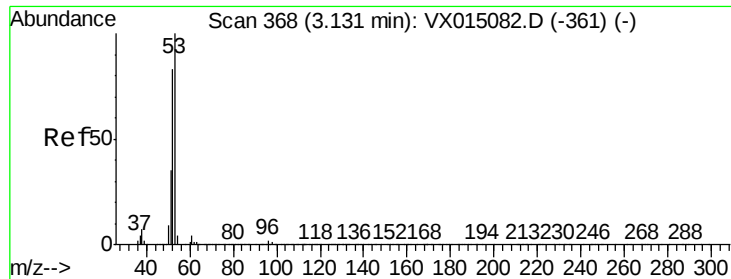
MMDadoda
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#14
Allyl chloride
Concen: 18.921 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	58.7	52.9	79.3
76	76	31.5	26.8	40.2





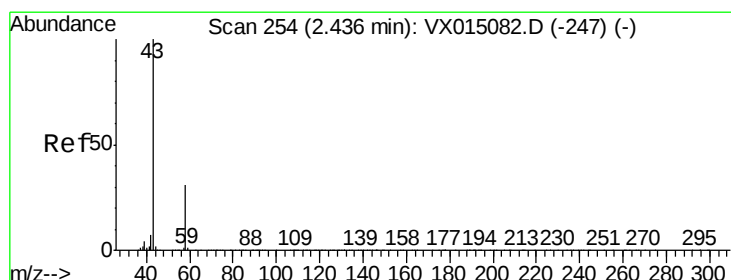
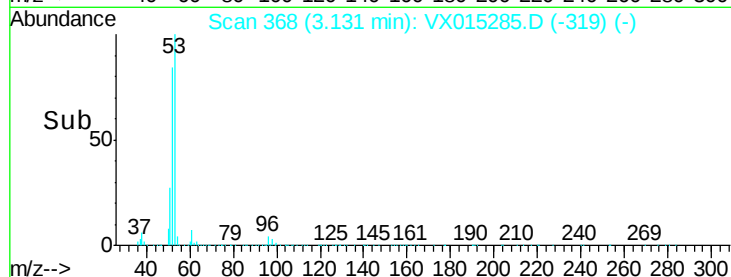
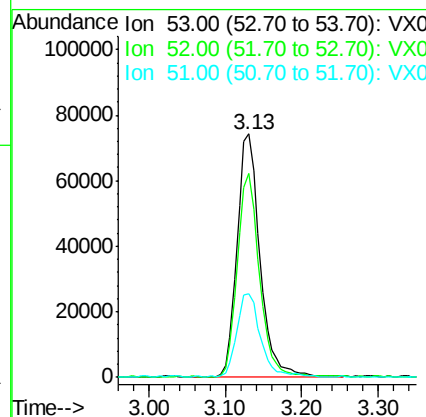
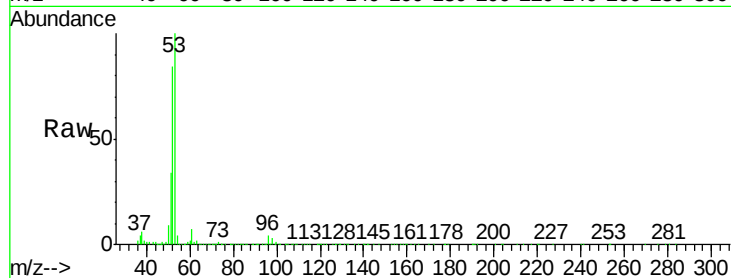
#15
 Acrylonitrile
 Concen: 98.593 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Tot Ion:	53	Resp:	153498
Ion Ratio		Lower	Upper
53	100		
52	81.1	66.6	100.0
51	34.8	29.0	43.6

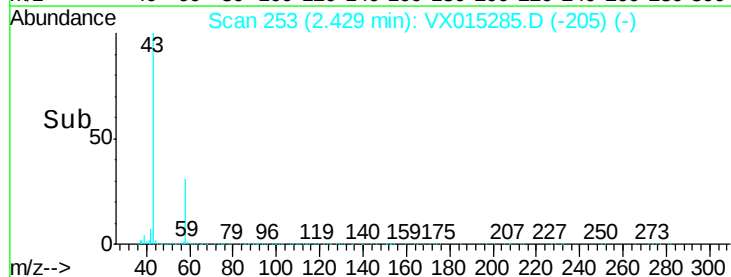
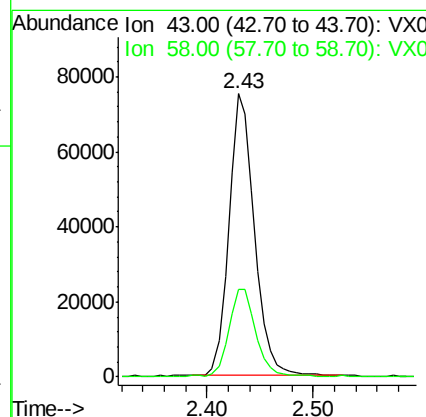
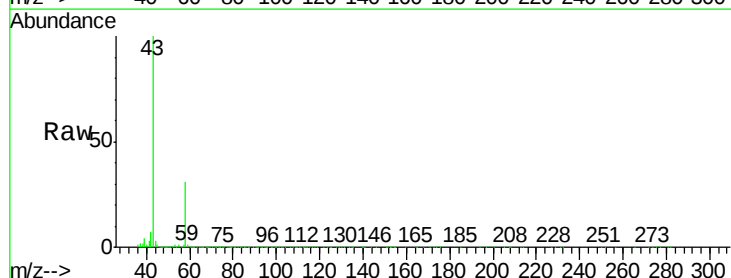
Manual Integrations
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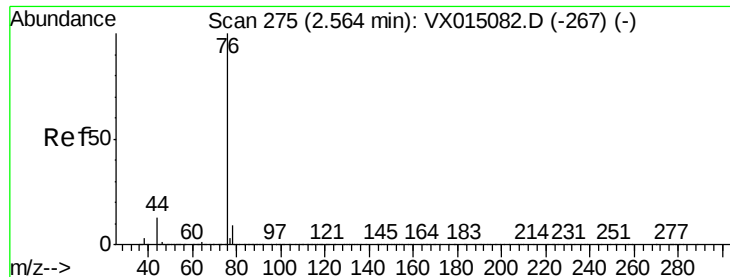
MMDadoda
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#16
 Acetone
 Concen: 85.962 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion:	43	Resp:	125438
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.8	37.2





#17

Carbon Disulfide

Concen: 15.739 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 76 Resp: 129001

Ion Ratio Lower Upper

76 100

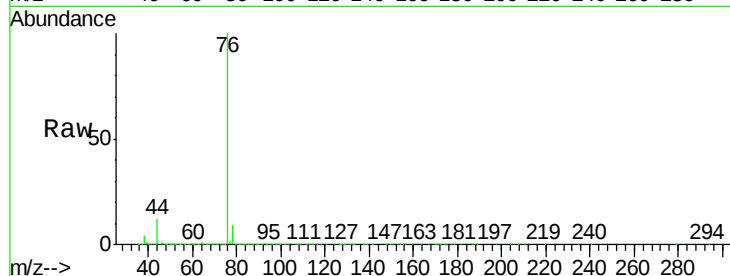
78 9.3 7.3 10.9

Manual Integrations

APPROVED

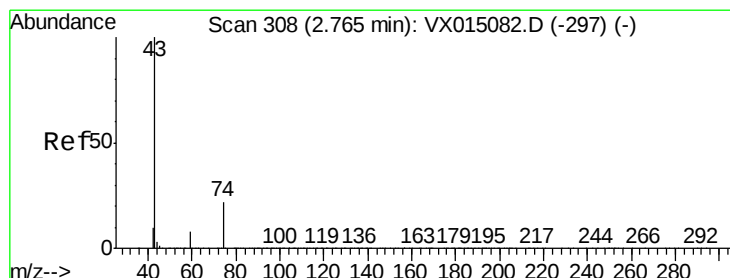
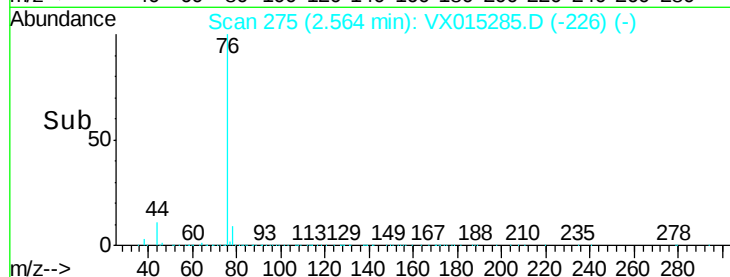
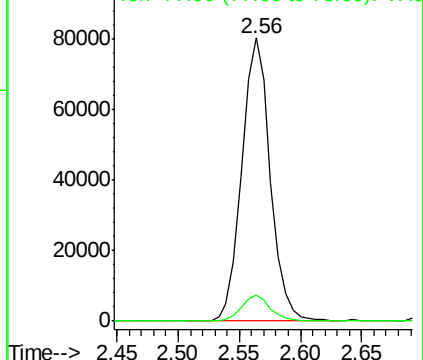
MMDadoda

3/17/2020 12:11:21 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.595 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015285.D

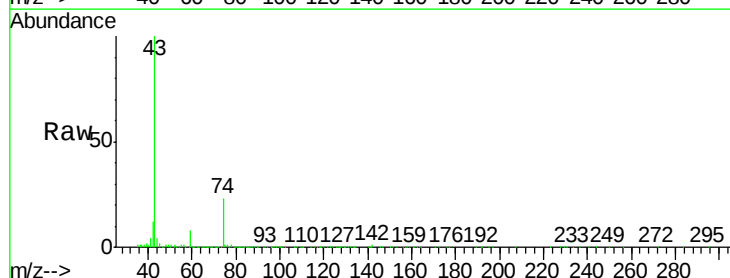
Acq: 16 Mar 2020 11:49

Tgt Ion: 43 Resp: 69917

Ion Ratio Lower Upper

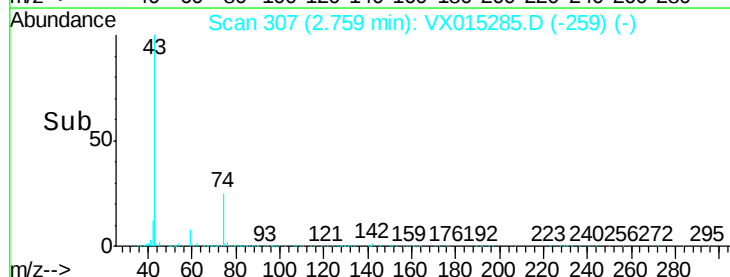
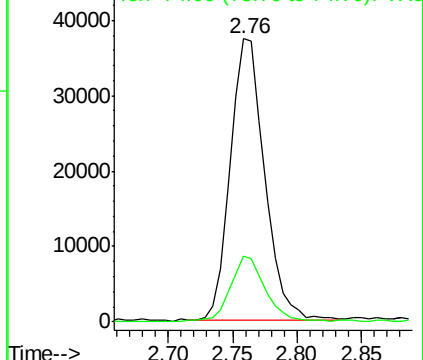
43 100

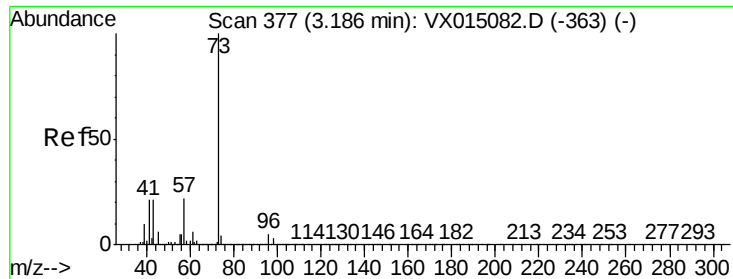
74 23.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





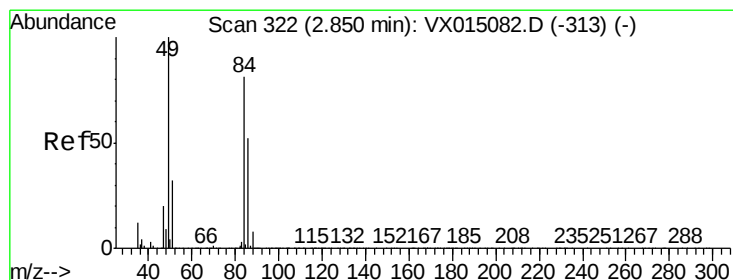
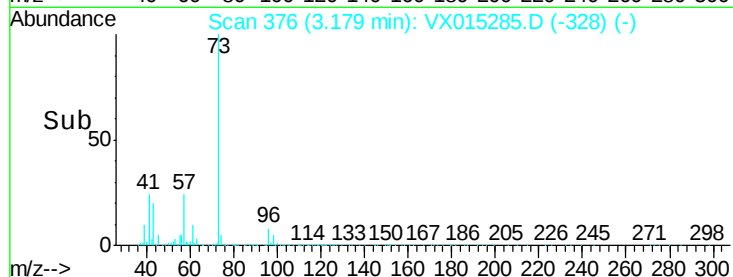
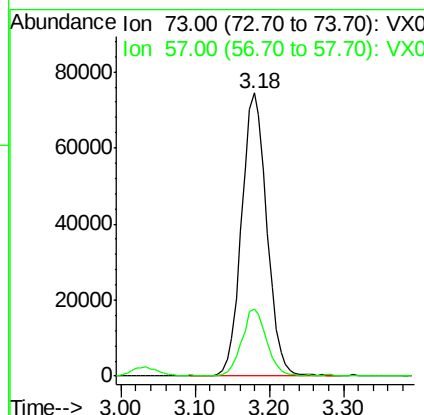
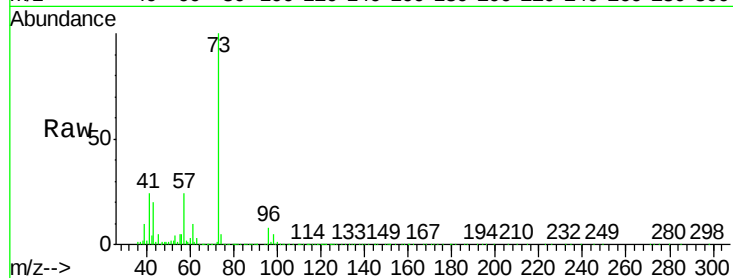
#19
Methvl tert-butvl Ether
Concen: 19.162 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.8	26.6

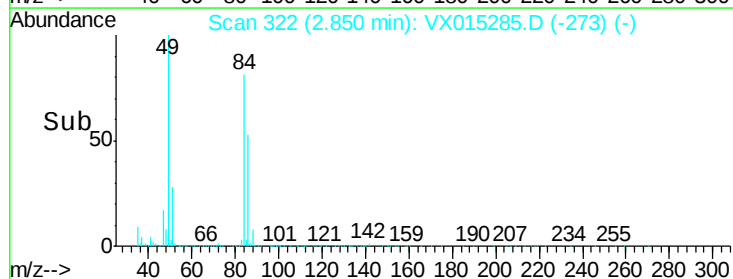
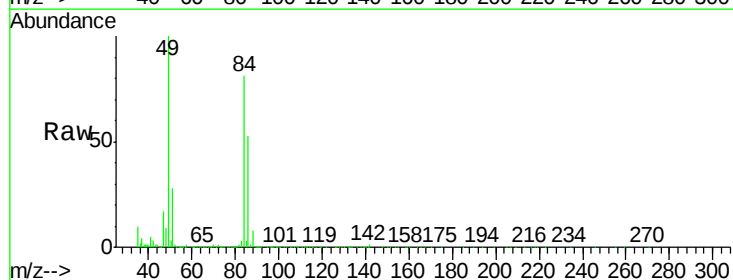
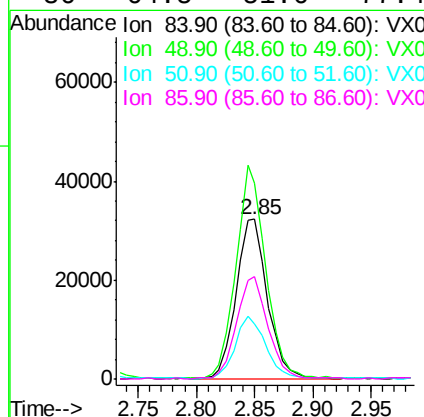
Manual Integrations
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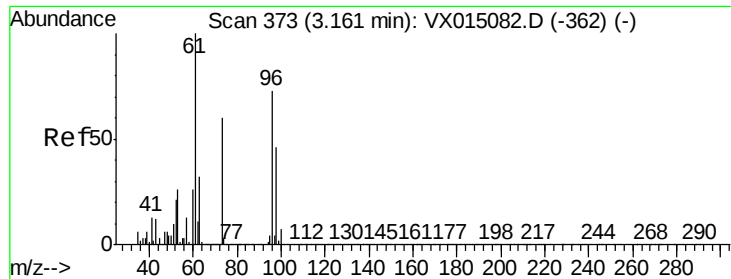
MMDadoda
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#20
Methylene Chloride
Concen: 17.646 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	99.4	149.2
51	33.9	31.5	47.3
86	64.5	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.274 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

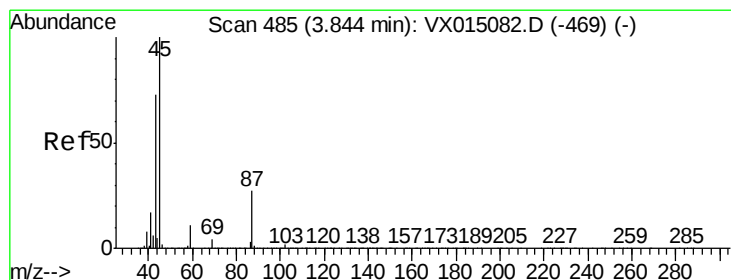
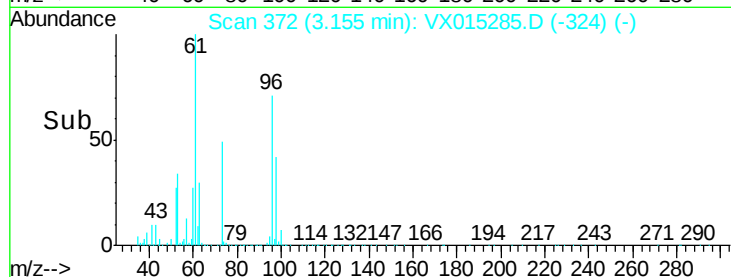
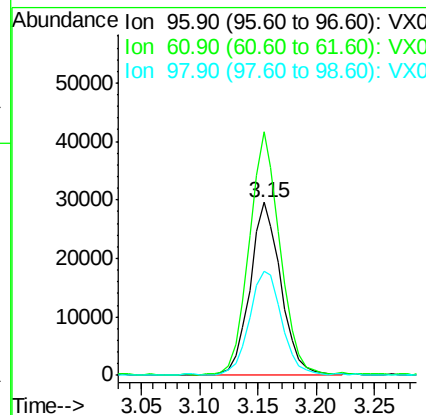
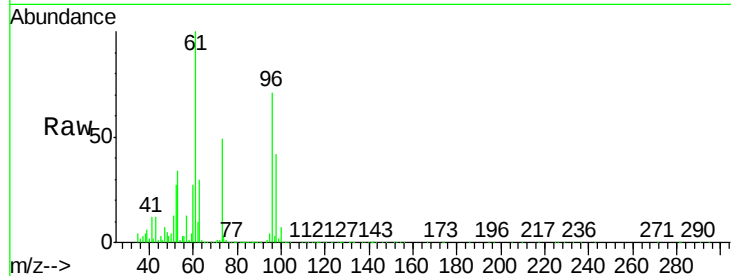
ClientSampleId :

VX0316WBSD01

Tot Ion:	96	Resp:	54440
Ion Ratio	Lower	Upper	
96	100		
61	140.9	109.9	164.9
98	59.3	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.257 ug/l

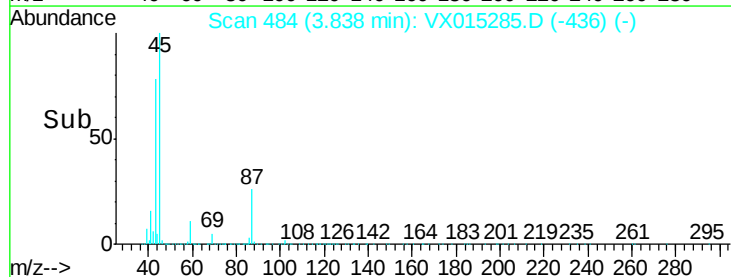
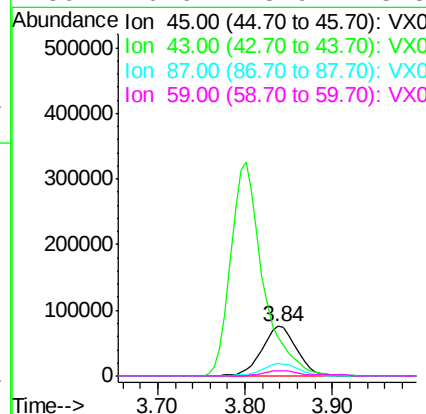
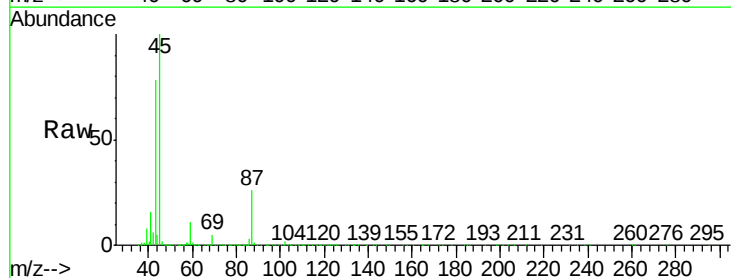
RT: 3.84 min Scan# 484

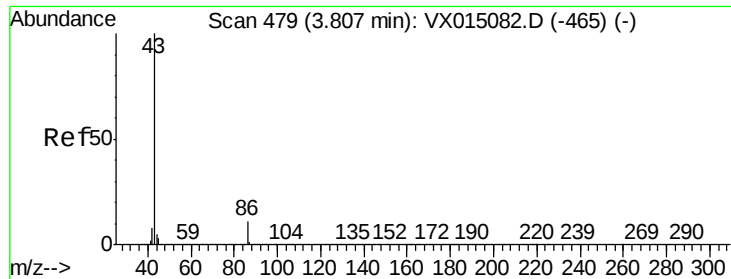
Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	45	Resp:	207693
Ion Ratio	Lower	Upper	
45	100		
43	77.7	58.2	87.2
87	25.8	21.2	31.8
59	10.6	8.9	13.3





#23

Vinyl Acetate

Concen: 99.014 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 43 Resp: 834506

Ion Ratio Lower Upper

43 100

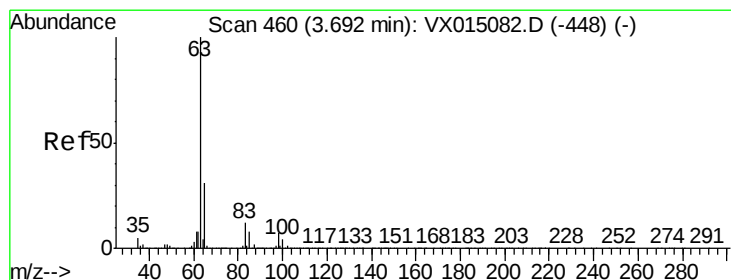
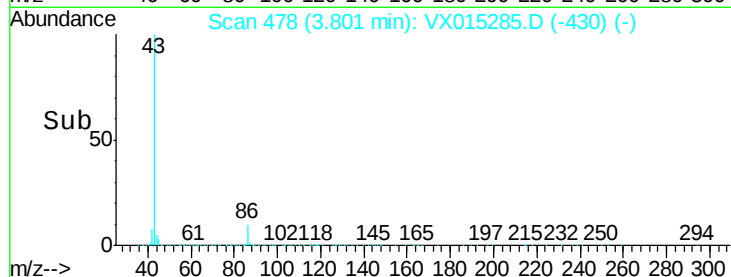
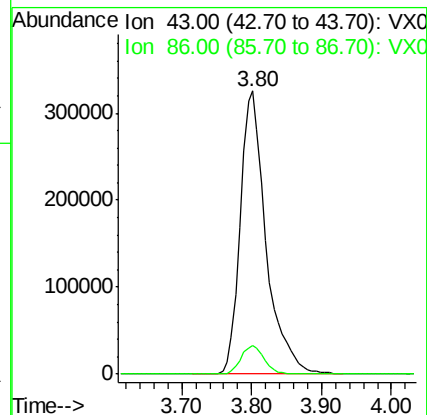
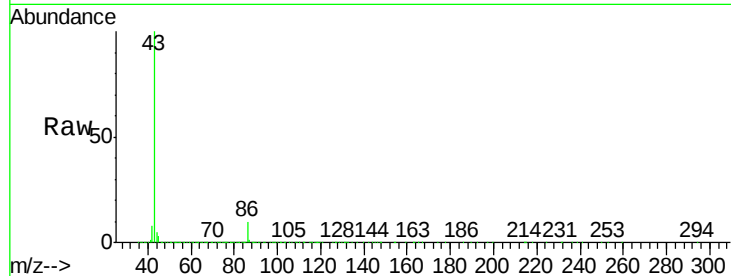
86 10.1 8.6 12.8

Manual Integrations

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MMDadoda

3/17/2020 12:11:21 PM



#24

1,1-Dichloroethane

Concen: 18.308 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

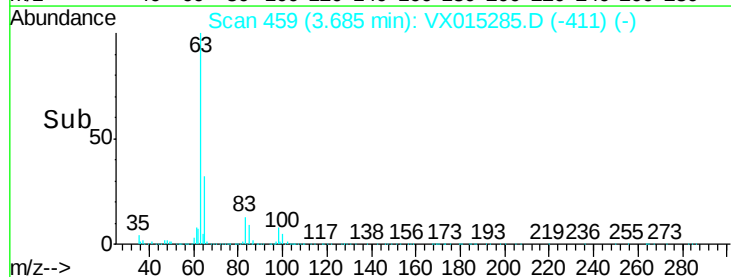
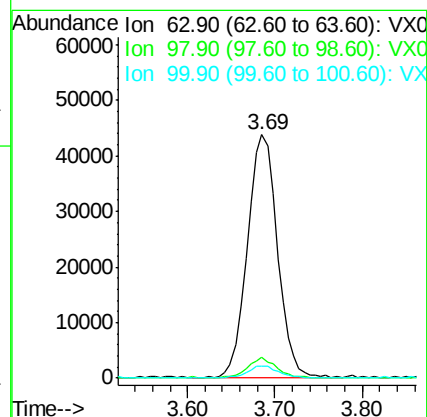
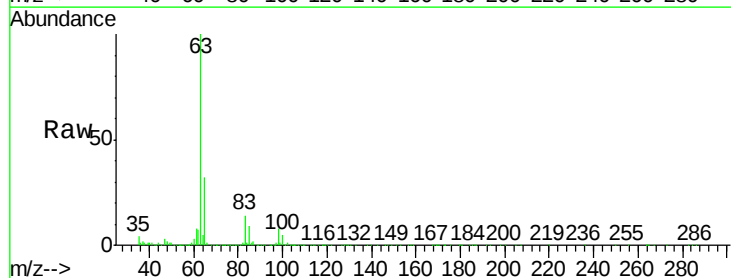
Tgt Ion: 63 Resp: 104183

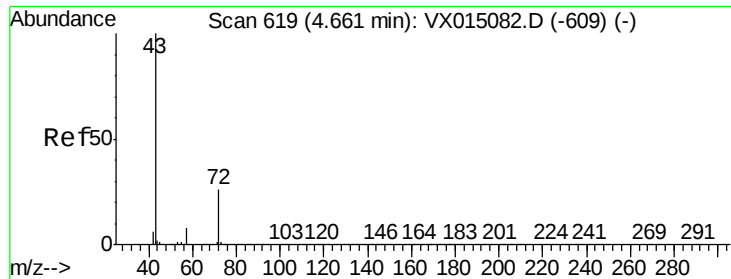
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 97.866 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 43 Resp: 209072

Ion Ratio Lower Upper

43 100

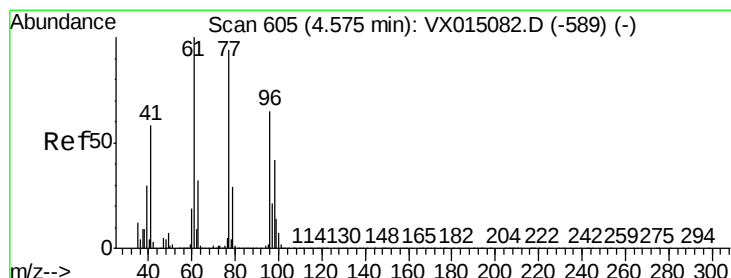
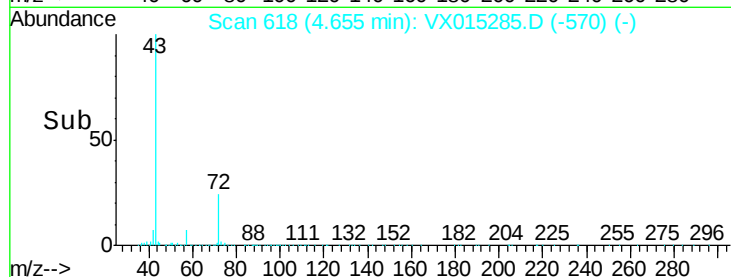
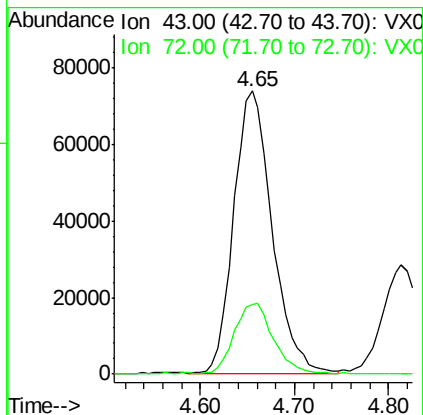
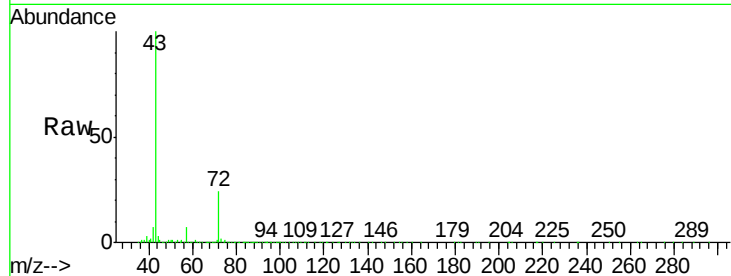
72 24.2 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.042 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015285.D

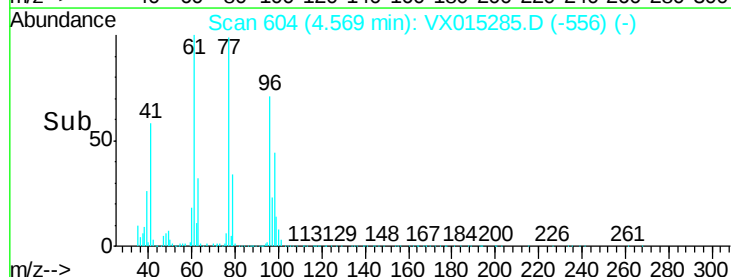
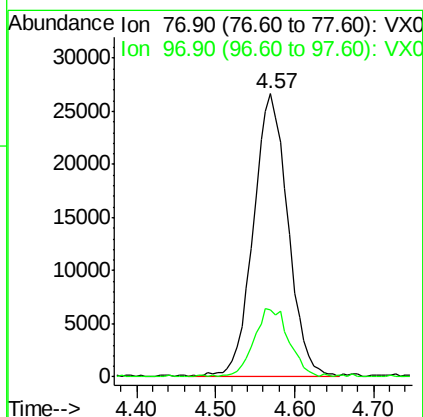
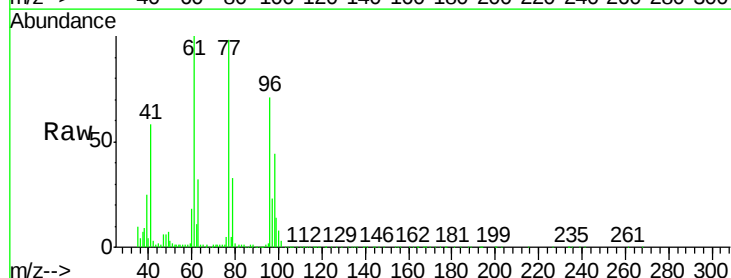
Acq: 16 Mar 2020 11:49

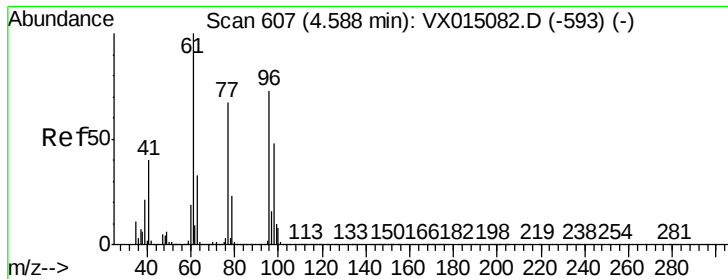
Tgt Ion: 77 Resp: 81502

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4





#27

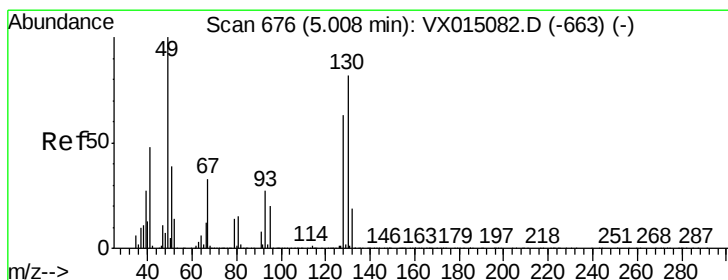
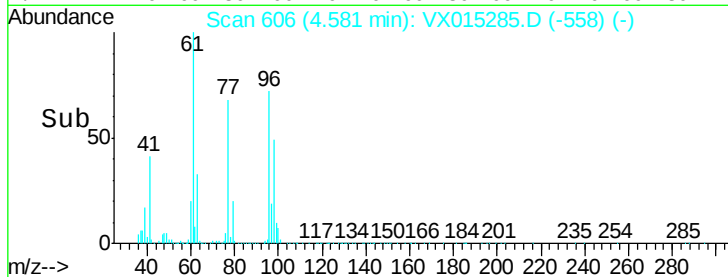
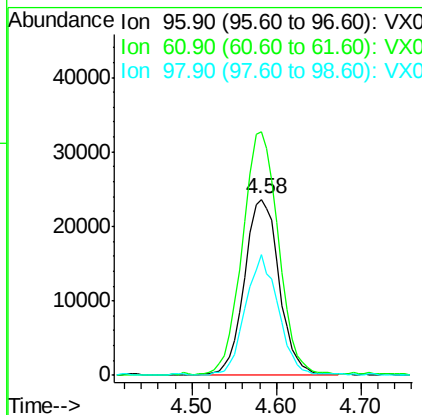
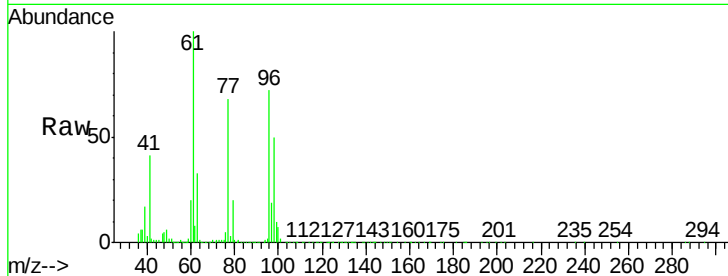
cis-1,2-Dichloroethene
Concen: 18.745 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	286.8
98	63.3	0.0	128.4

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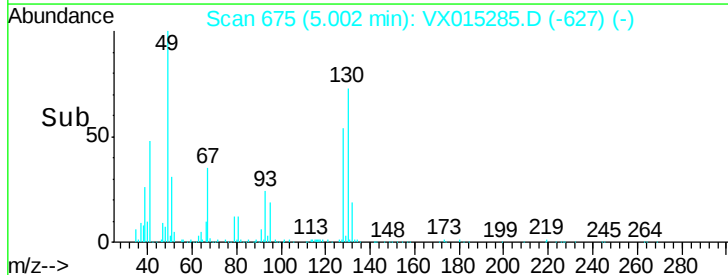
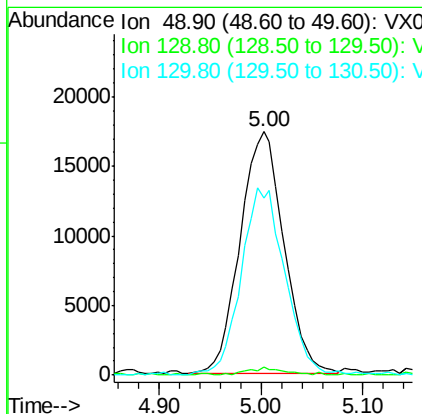
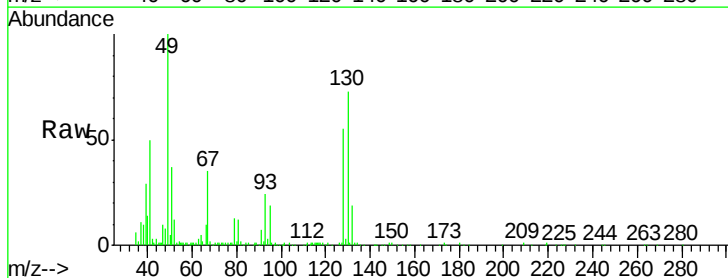
MMDadoda
3/17/2020 12:11:21 PM

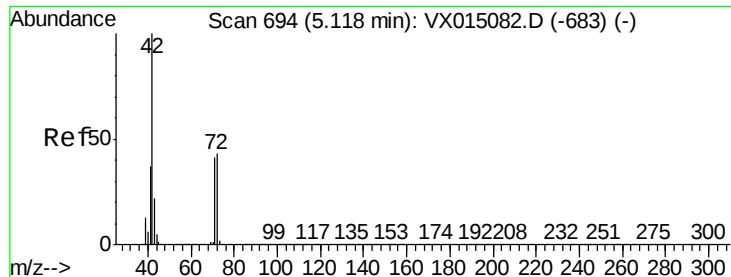


#28

Bromochloromethane
Concen: 19.928 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	77.8	65.0	97.6





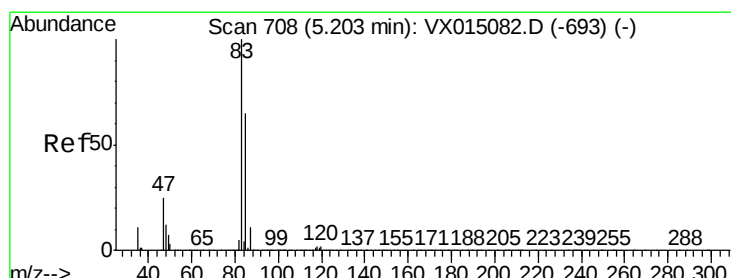
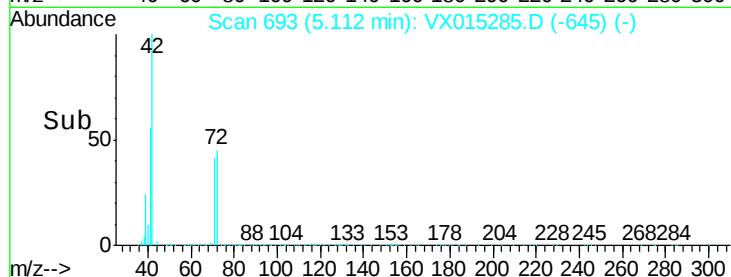
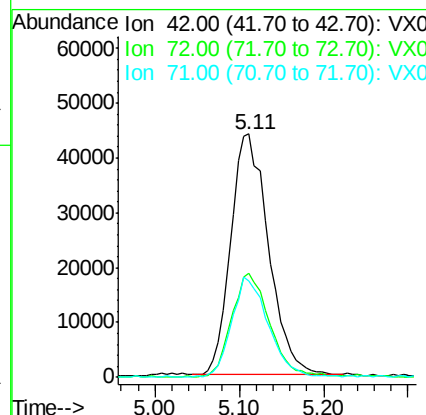
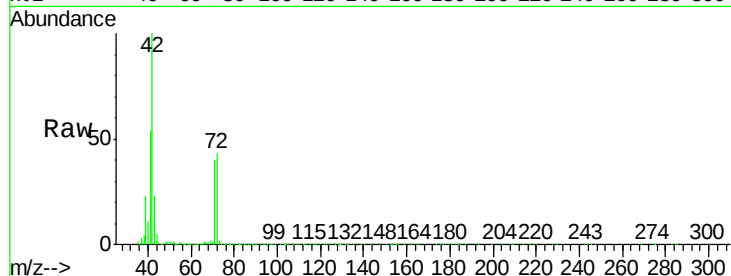
#29
Tetrahydrofuran
Concen: 97.072 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	36.4	54.6
71	40.8	33.3	49.9

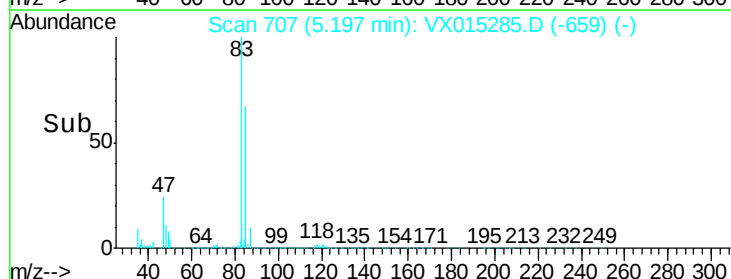
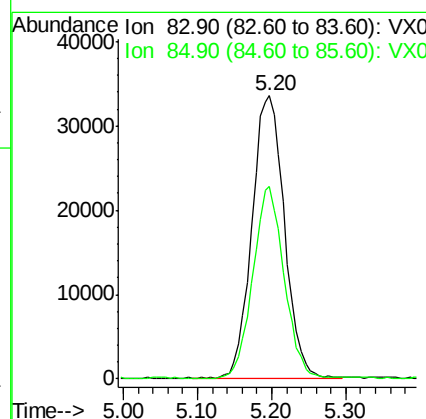
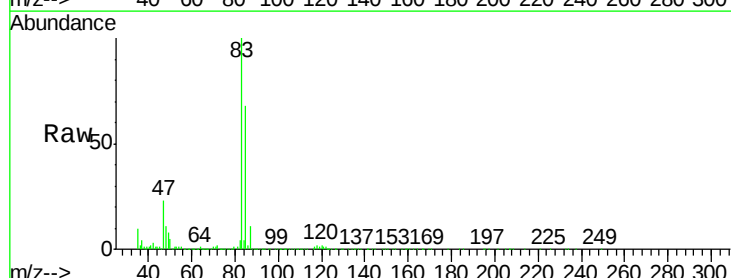
Manual Integrations
APPROVED

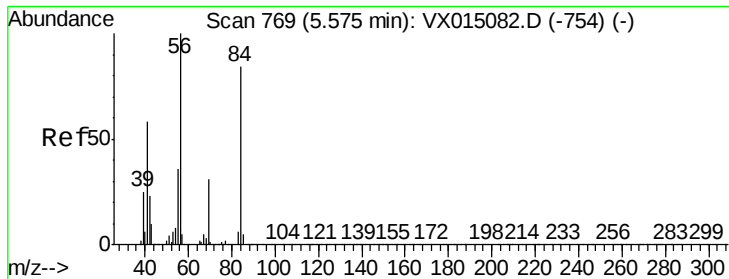
MMDadoda
3/17/2020 12:11:21 PM



#30
Chloroform
Concen: 18.631 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.0	78.0





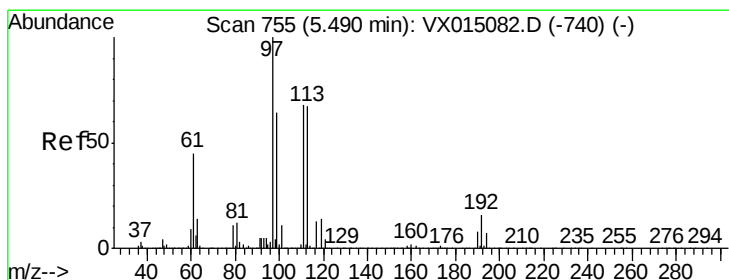
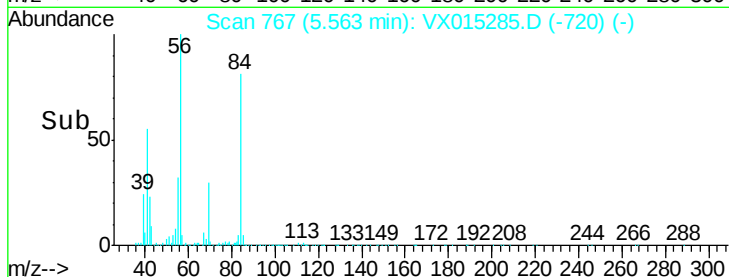
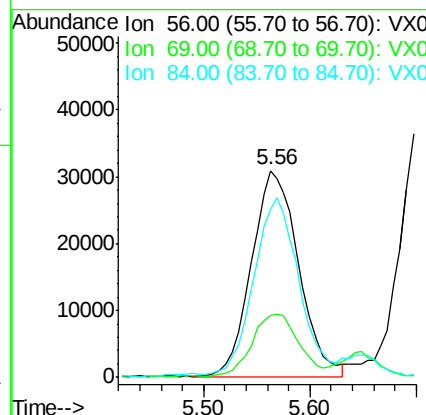
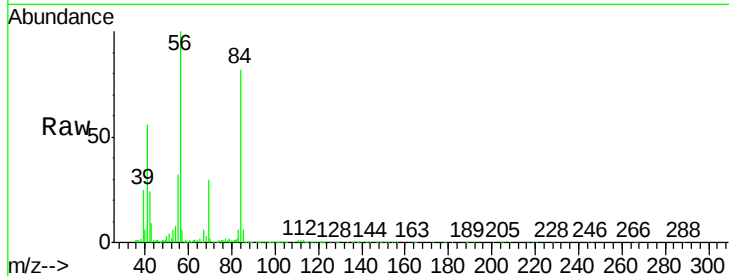
#31
Cyclohexane
Concen: 18.744 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	25.0	37.6
84	80.3	67.6	101.4

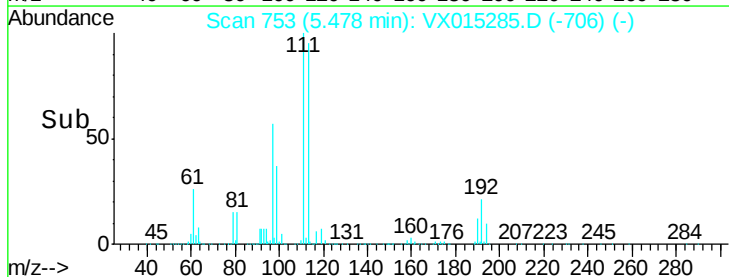
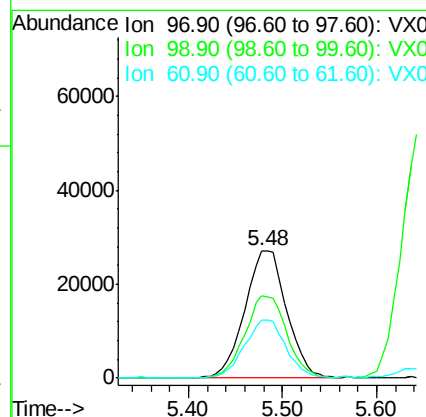
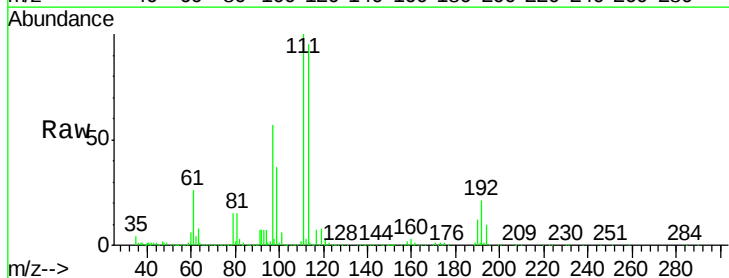
Manual Integrations
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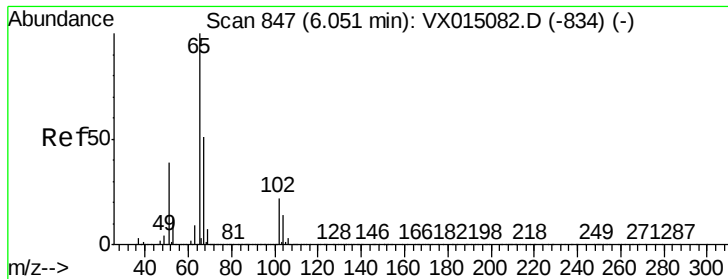
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.262 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.8	79.2
61	44.4	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 45.321 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0316WBSD01

Tot Ion: 65 Resp: 163302

Ion Ratio Lower Upper

65 100

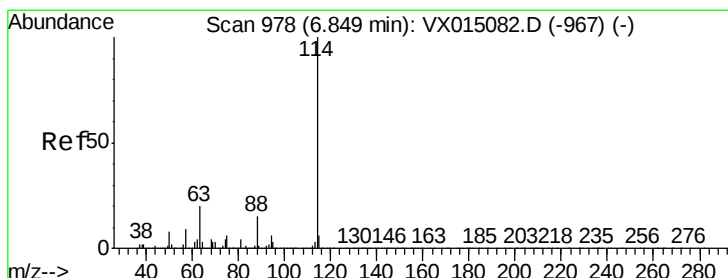
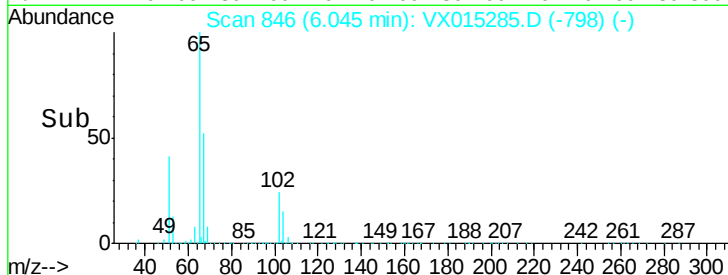
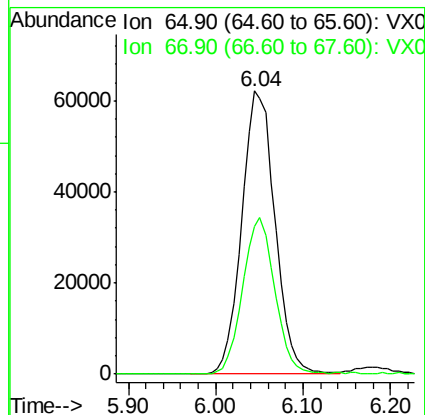
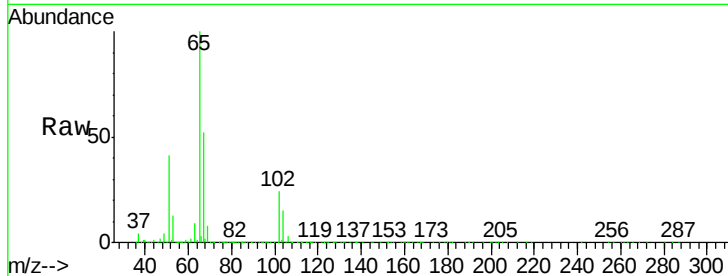
67 53.1 0.0 105.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

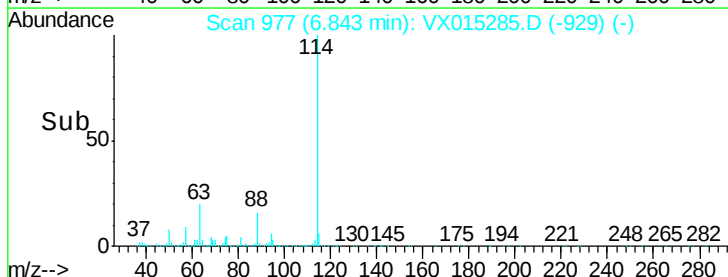
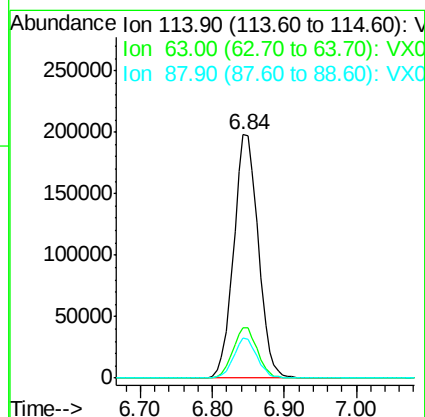
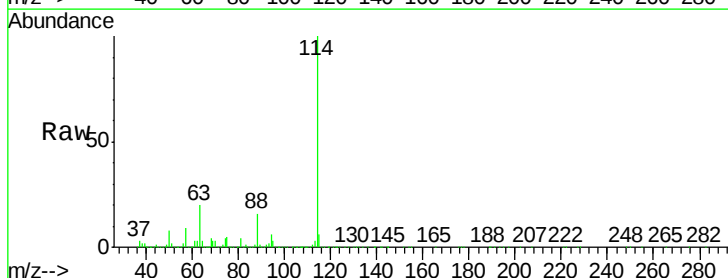
Tgt Ion: 114 Resp: 469886

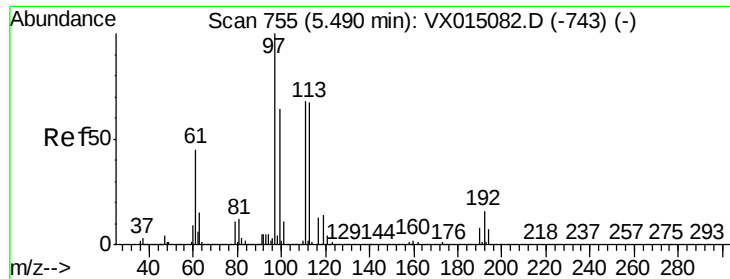
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 16.2 0.0 30.6





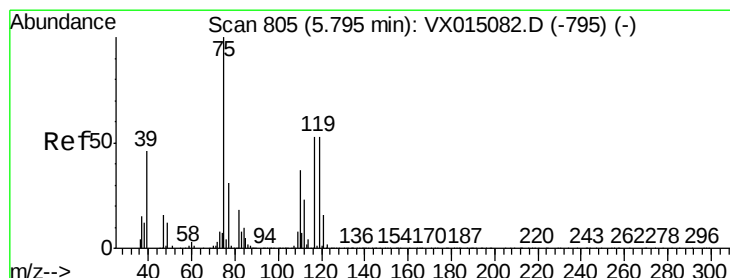
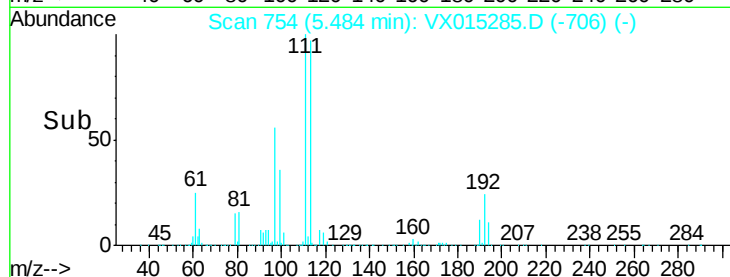
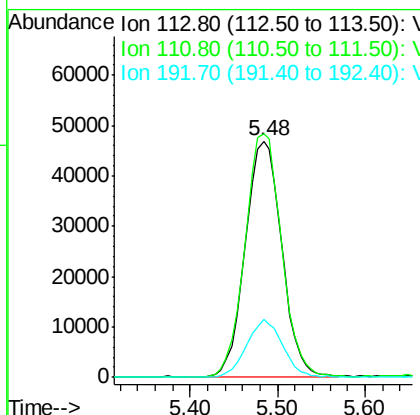
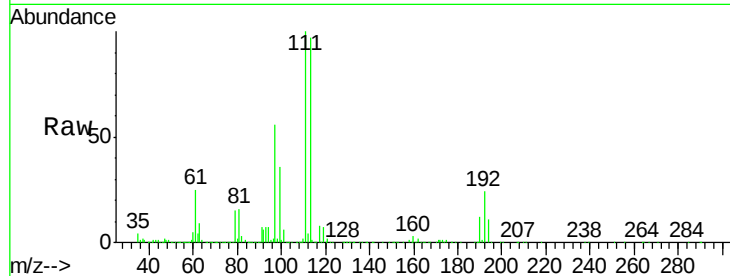
#35
Dibromofluoromethane
Concen: 45.979 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136298		
111	103.5	82.6	123.8	
192	24.3	18.6	28.0	

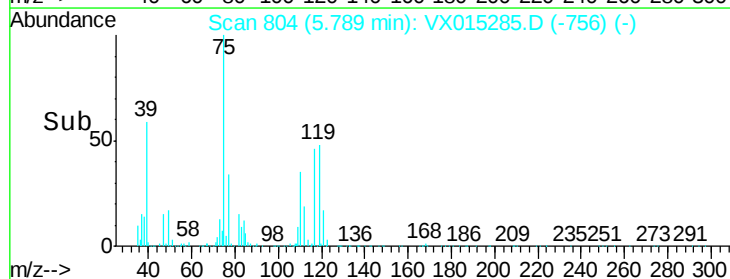
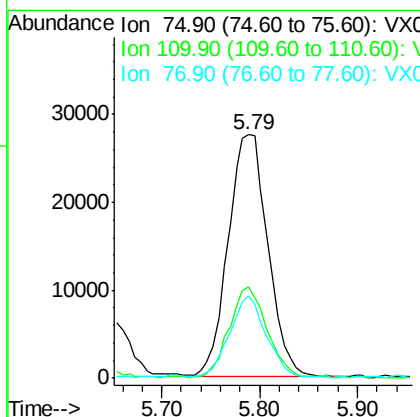
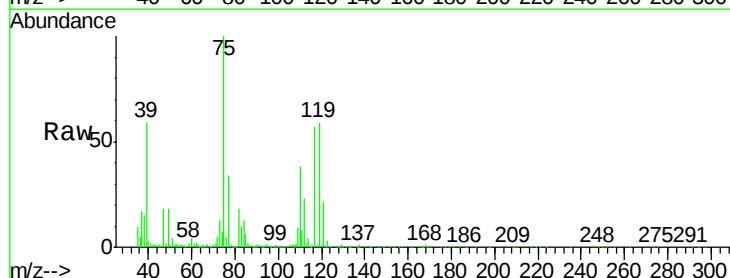
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 17.807 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77353		
110	36.4	17.9	53.8	
77	30.4	24.8	37.2	





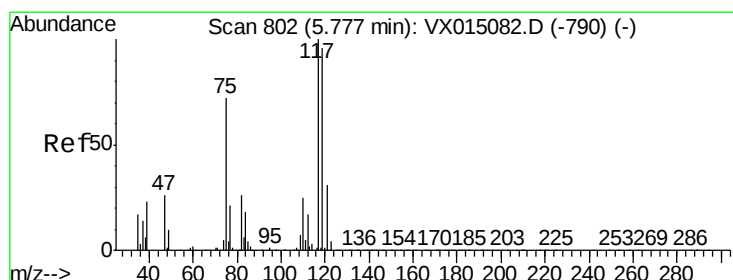
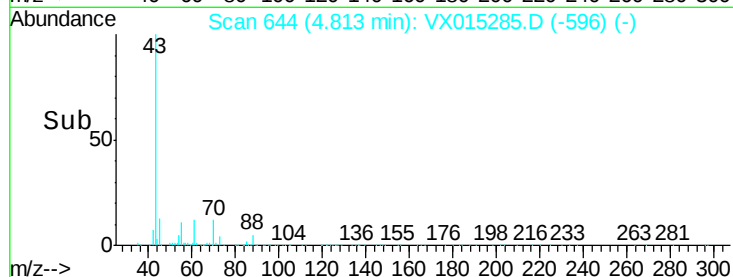
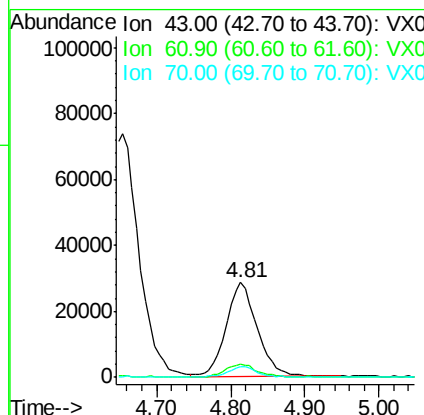
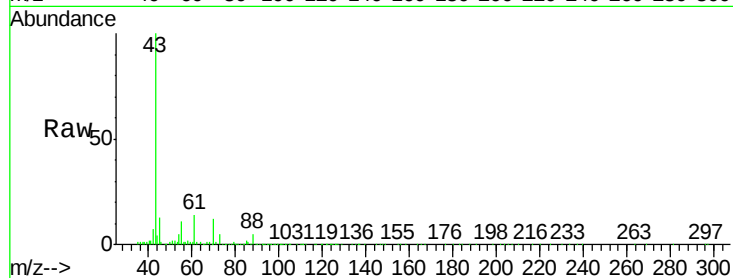
#37
Ethyl Acetate
Concen: 20.649 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion:	43	Resp:	83205
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.0	16.4
70	10.7	8.1	12.1

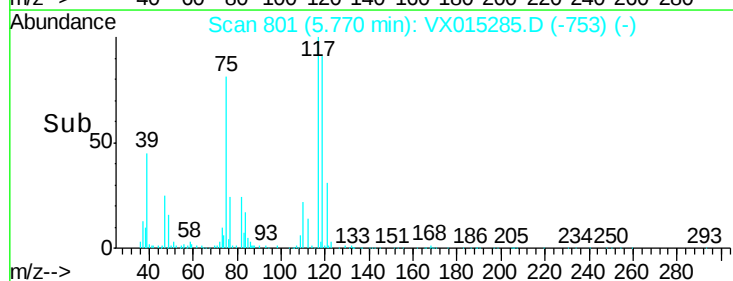
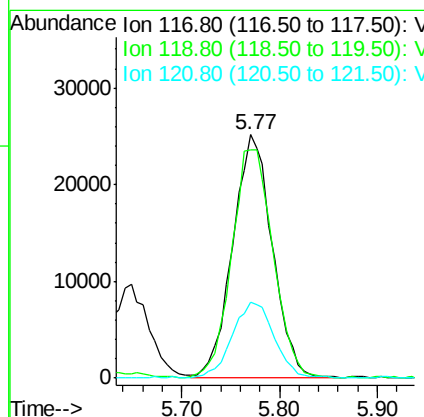
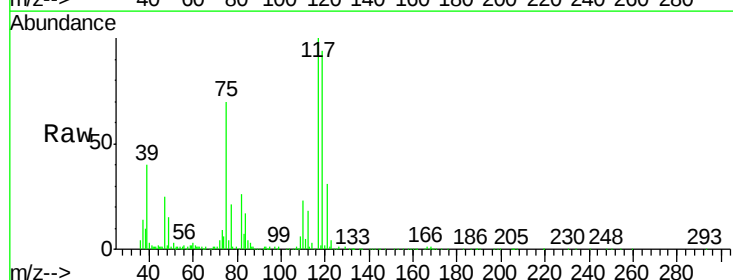
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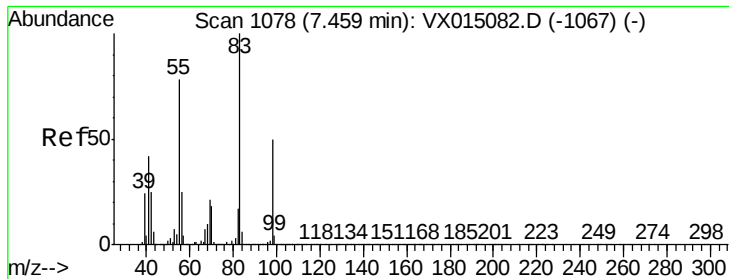
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#38
Carbon Tetrachloride
Concen: 17.194 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion:	117	Resp:	70500
Ion Ratio	Lower	Upper	
117	100		
119	93.6	76.9	115.3
121	31.3	24.6	37.0





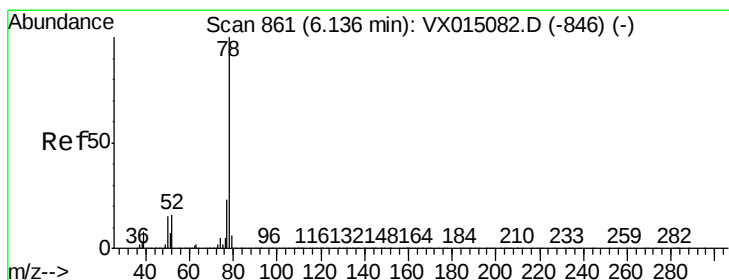
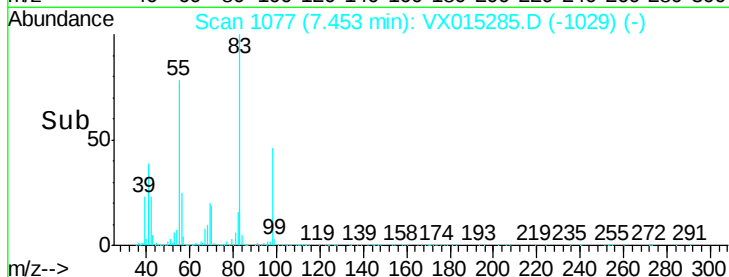
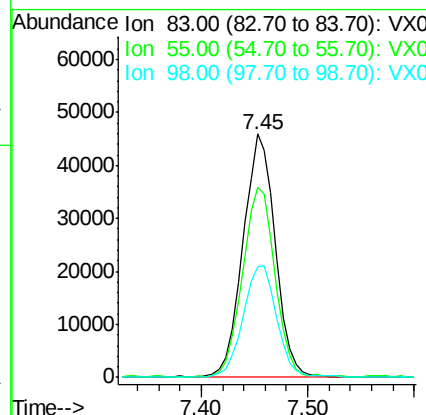
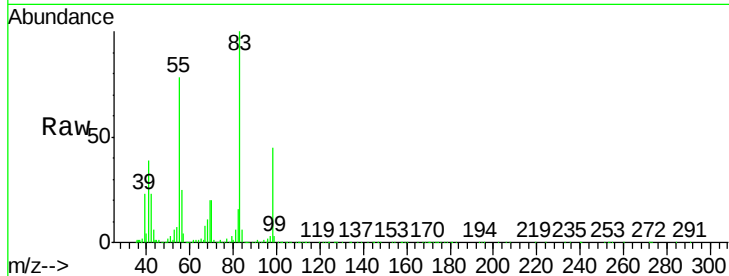
#39
Methvlcvclohexane
Concen: 19.159 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.4	93.6
98	45.4	39.7	59.5

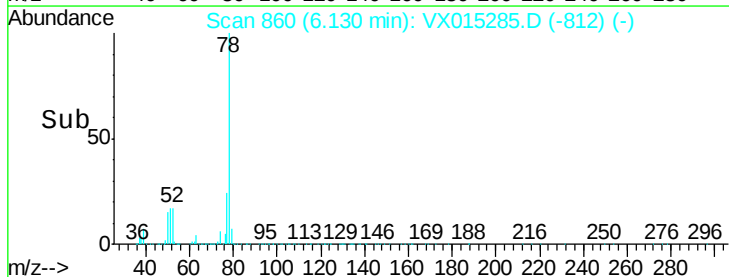
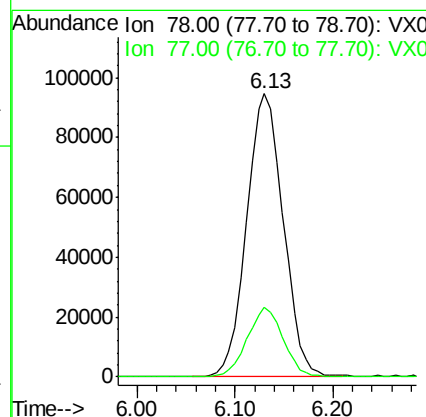
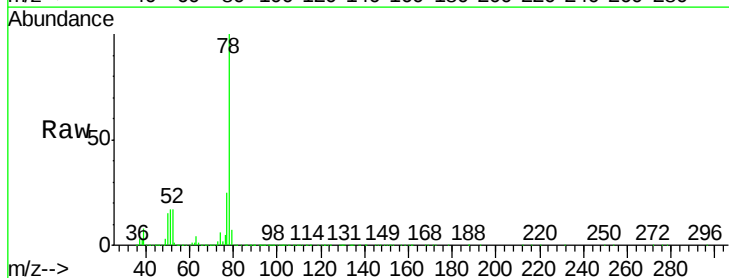
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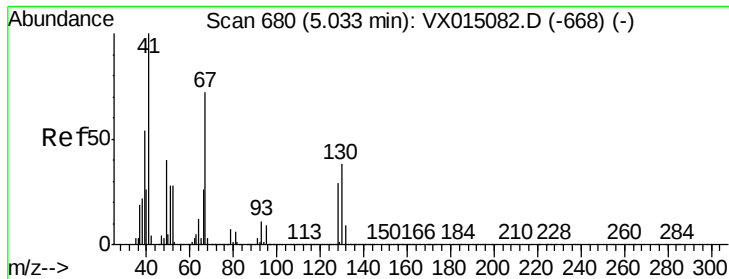
MMDadoda
3/17/2020 12:11:21 PM



#40
Benzene
Concen: 19.044 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.6	28.0





#41

Methacrylonitrile

Concen: 19.306 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

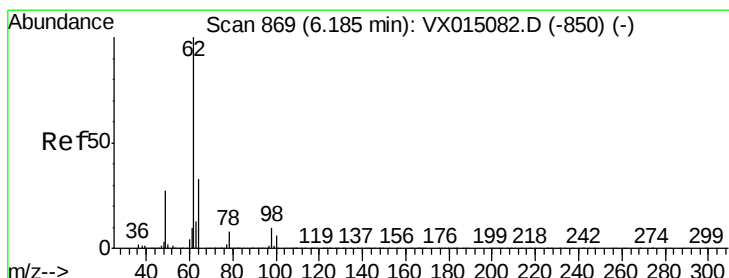
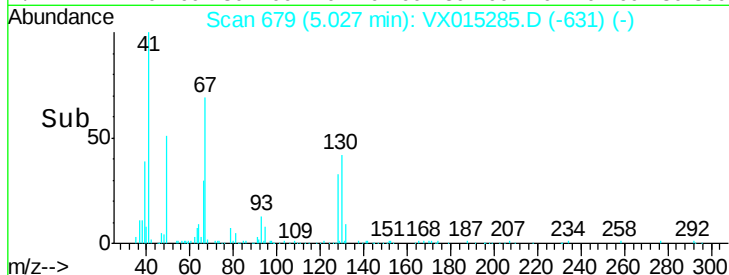
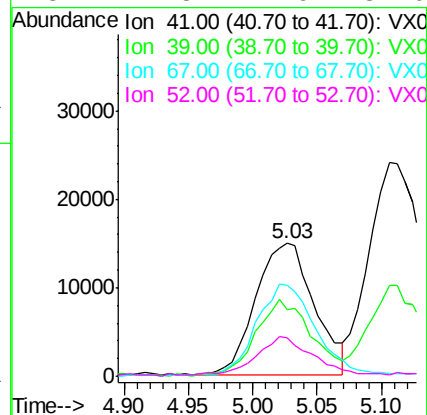
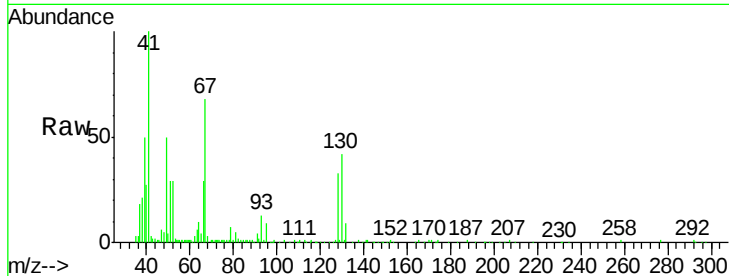
ClientSampleId :

VX0316WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	43.9	65.9	
67	71.9	57.8	86.8	
52	27.3	22.6	34.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.151 ug/l

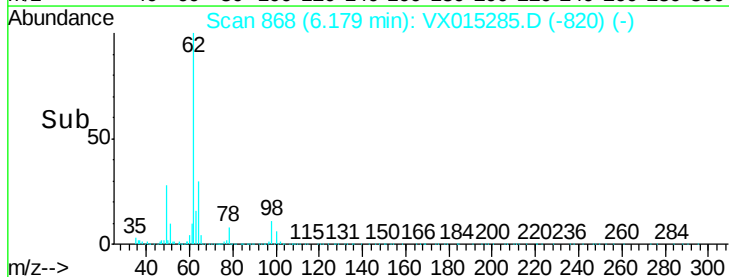
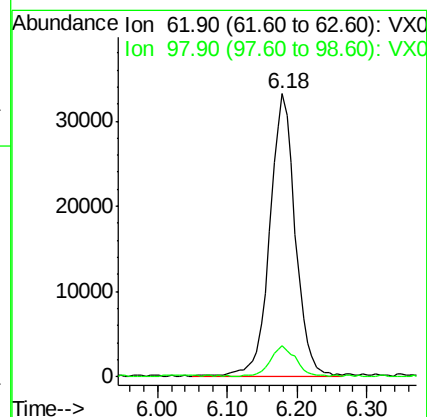
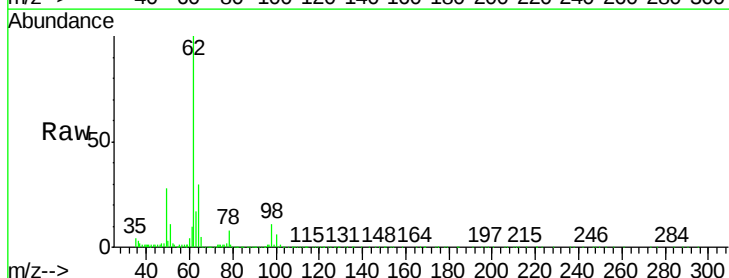
RT: 6.18 min Scan# 868

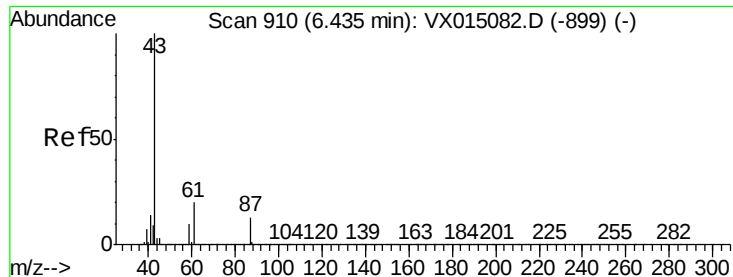
Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.6	





#43

Isopropyl Acetate

Concen: 19.754 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

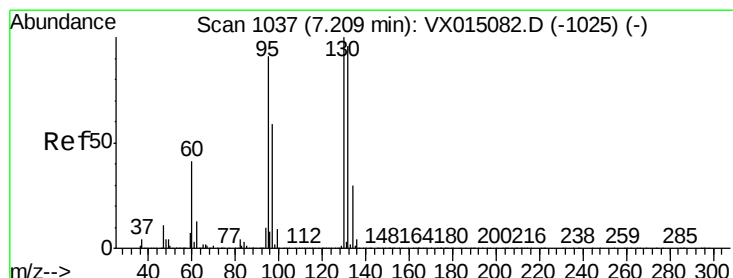
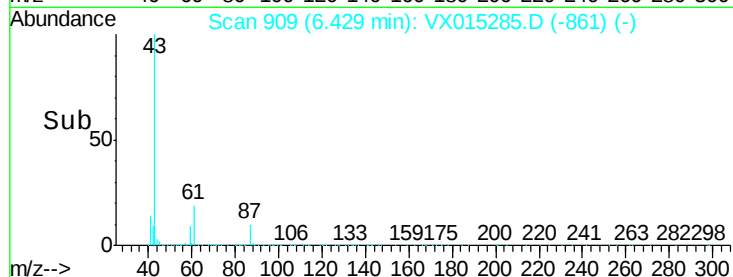
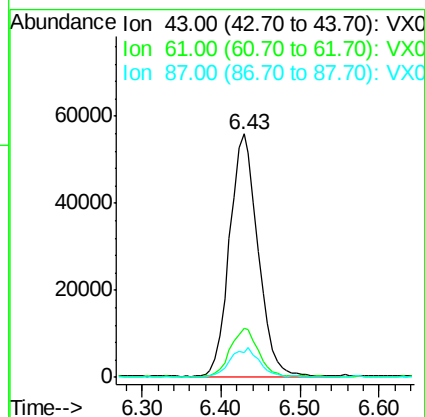
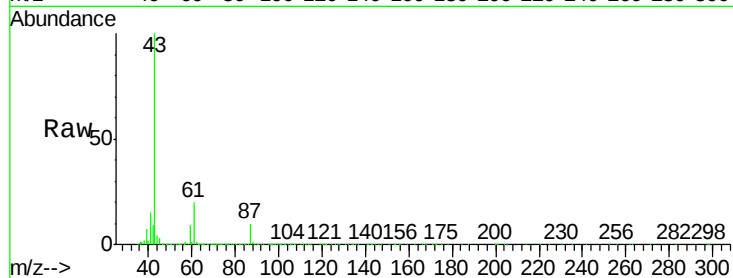
ClientSampleId :

VX0316WBSD01

Tot Ion:	43	Resp:	140028
Ion Ratio		Lower	Upper
43	100		
61	20.7	16.1	24.1
87	12.4	10.6	16.0

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#44

Trichloroethene

Concen: 18.813 ug/l

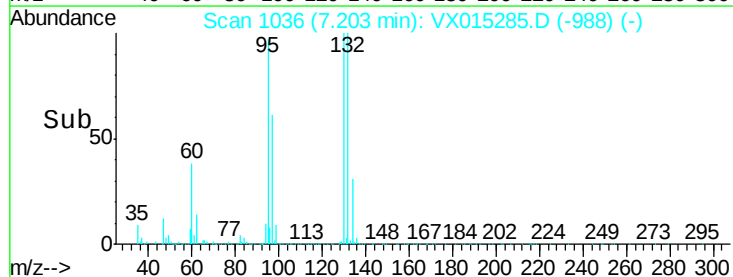
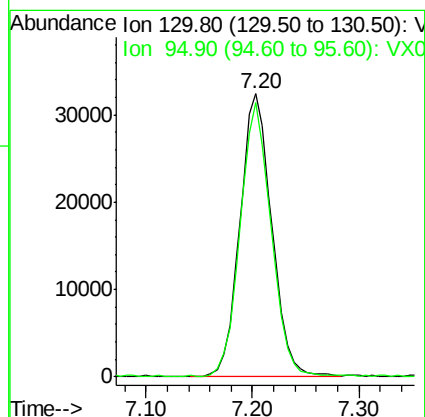
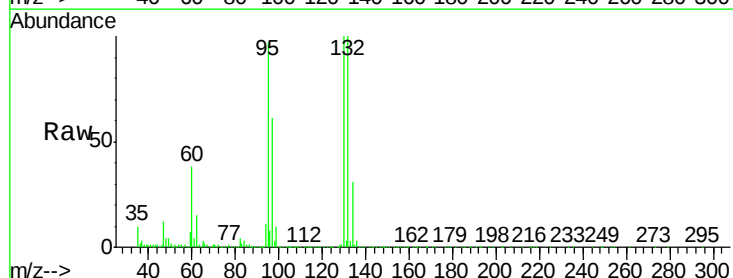
RT: 7.20 min Scan# 1036

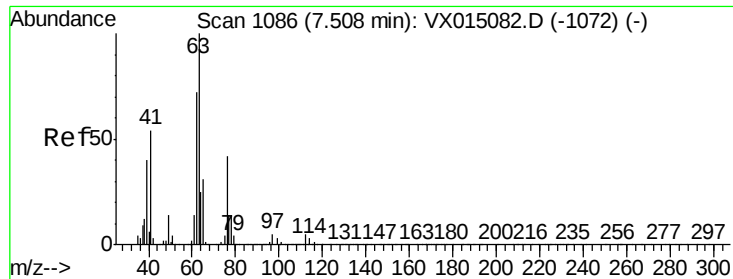
Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	130	Resp:	67524
Ion Ratio		Lower	Upper
130	100		
95	96.8	0.0	181.2





#45

1,2-Dichloropropane

Concen: 20.247 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

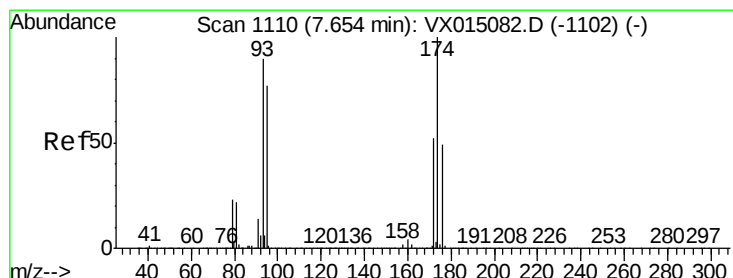
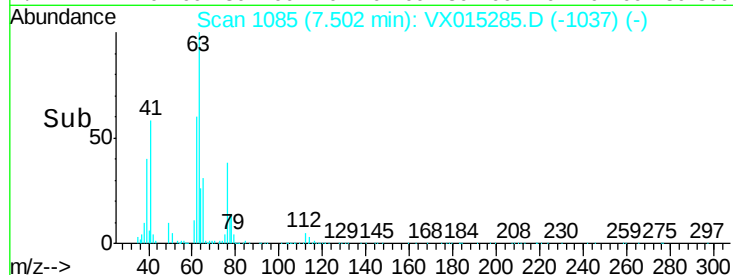
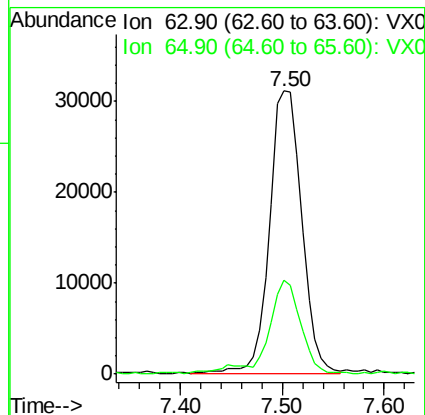
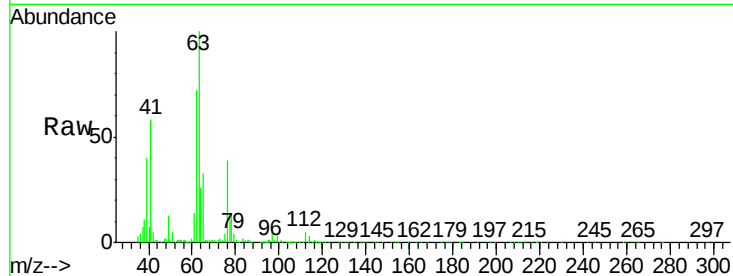
ClientSampled :

VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	24.6	36.8

Manual Integrations
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#46

Dibromomethane

Concen: 19.323 ug/l

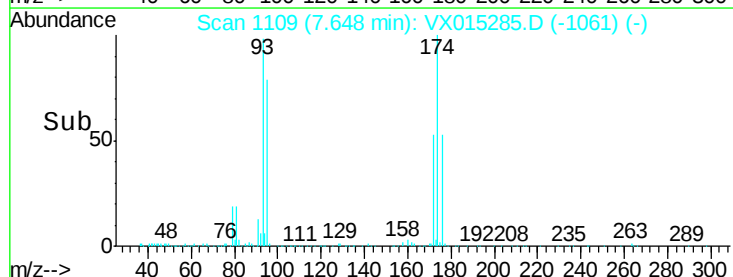
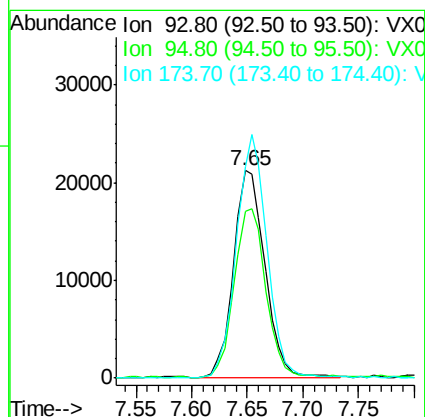
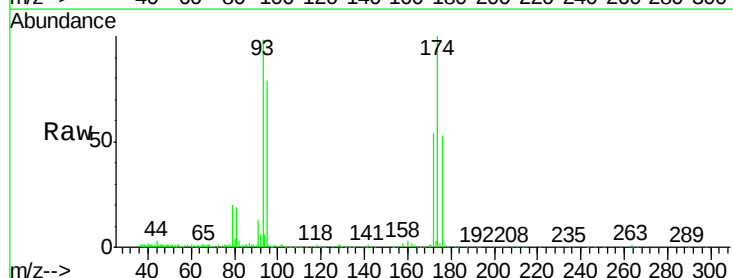
RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.9	67.8	101.8
174	113.2	91.0	136.4





#47

Bromodichloromethane

Concen: 19.097 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

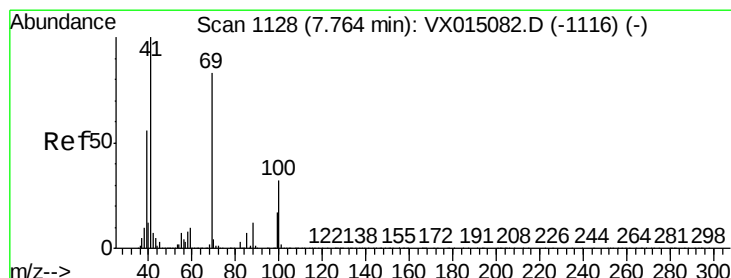
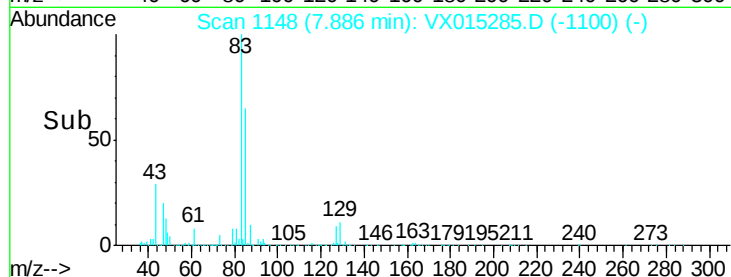
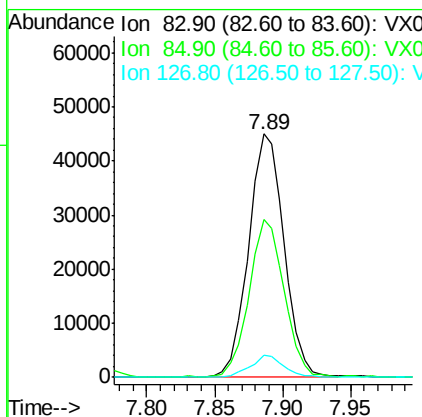
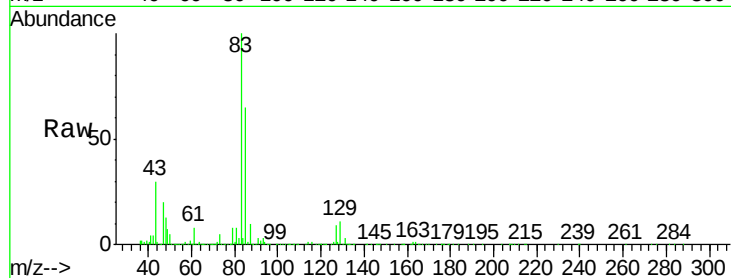
ClientSampleId :

VX0316WBSD01

Tot Ion:	83	Resp:	82084
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	75.8
127	9.0	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.856 ug/l

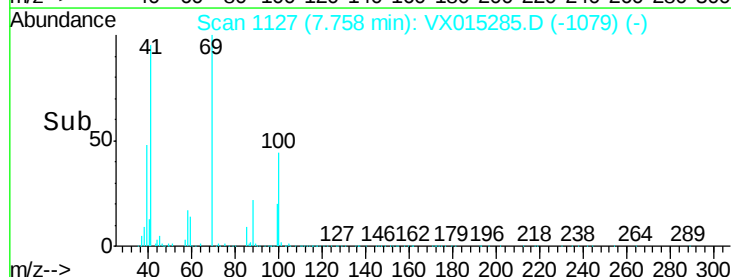
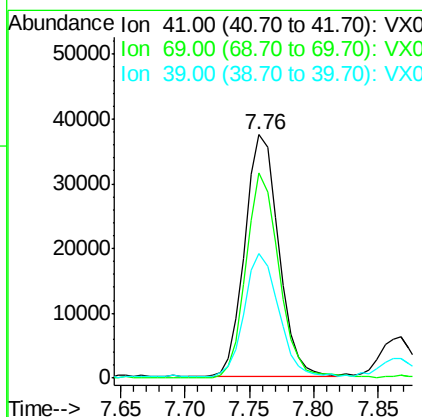
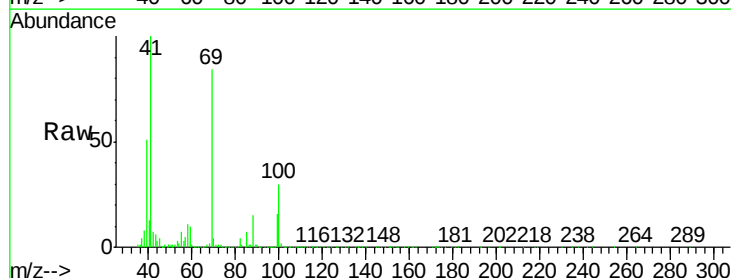
RT: 7.76 min Scan# 1127

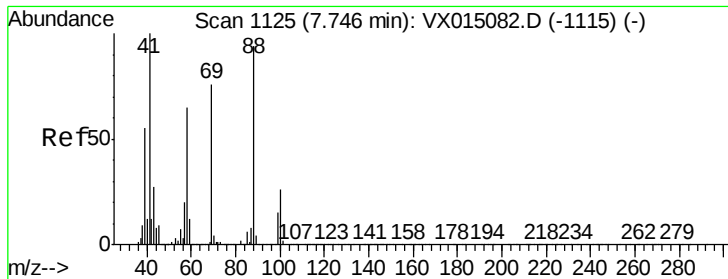
Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	41	Resp:	68029
Ion	Ratio	Lower	Upper
41	100		
69	81.7	65.4	98.2
39	51.4	44.6	67.0





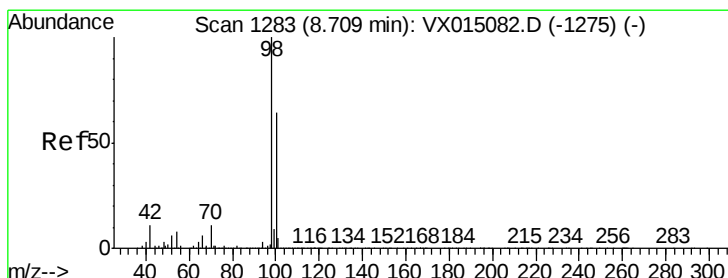
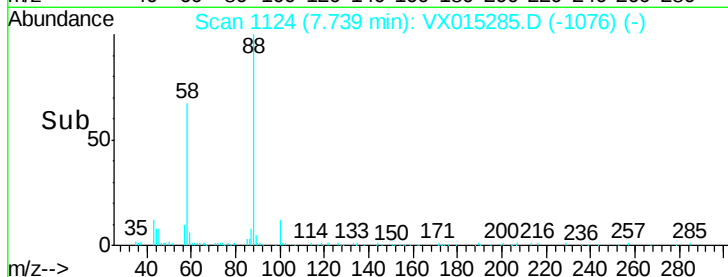
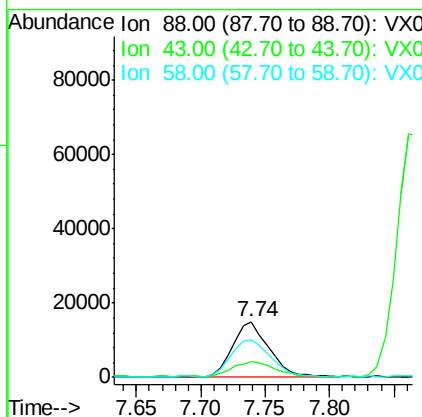
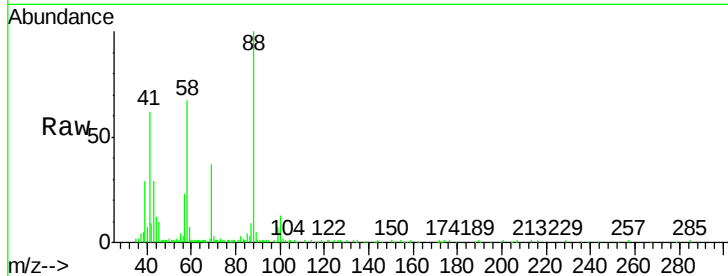
#49
1,4-Dioxane
Concen: 378.720 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.0	40.4
58	72.3	55.6	83.4

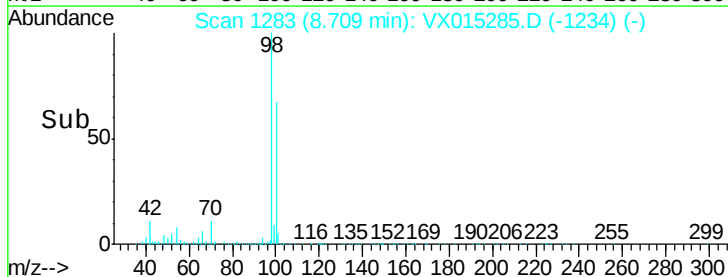
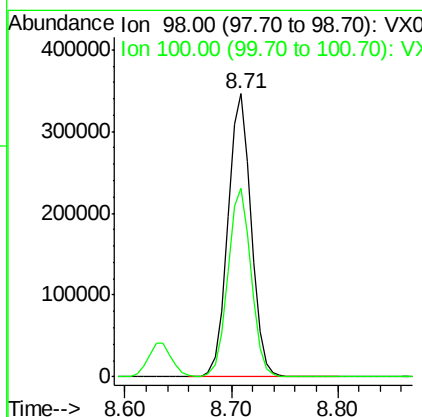
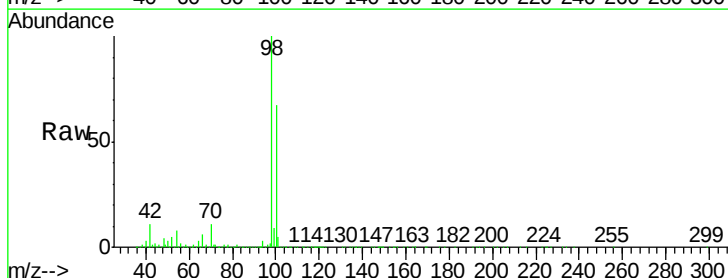
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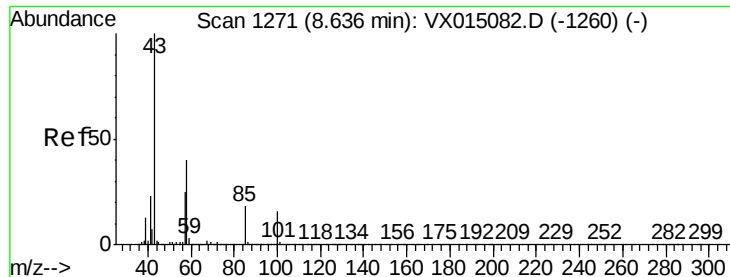
MMDadoda
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#50
Toluene-d8
Concen: 46.831 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 101.223 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 43 Resp: 424242

Ion Ratio Lower Upper

43 100

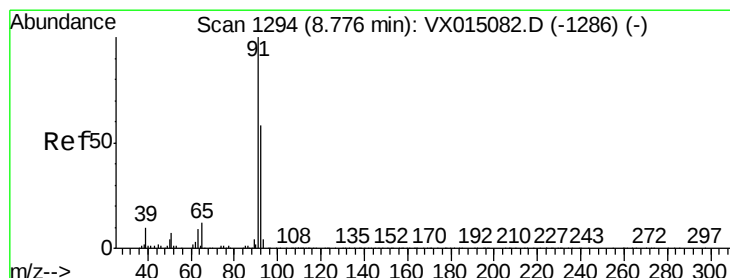
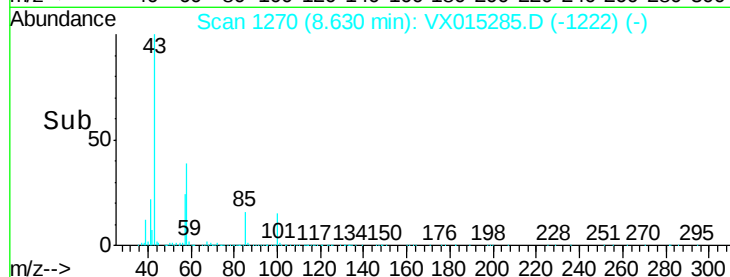
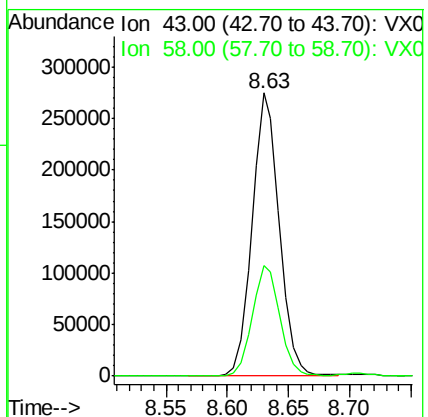
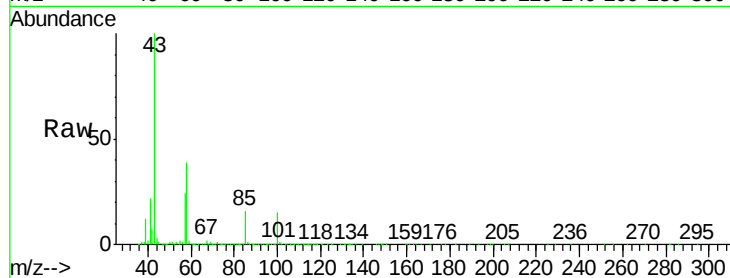
58 39.5 31.6 47.4

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#52

Toluene

Concen: 19.421 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015285.D

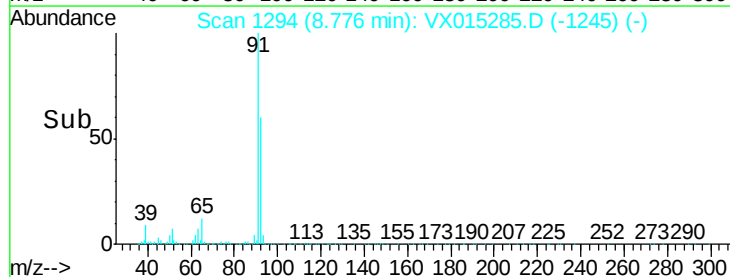
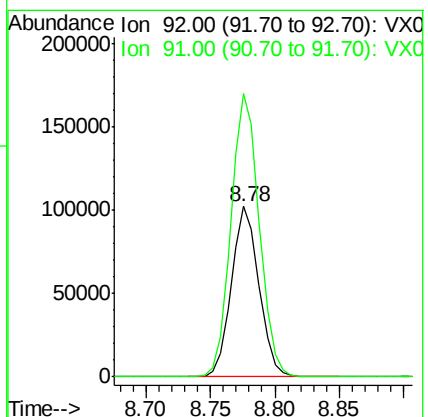
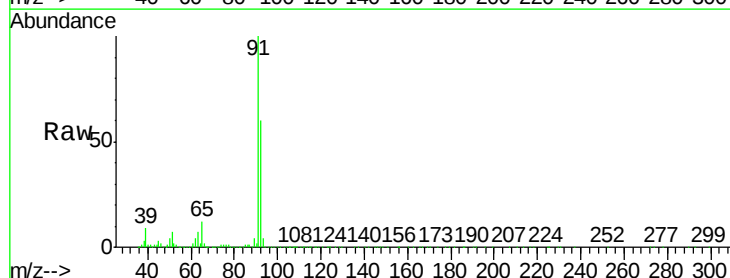
Acq: 16 Mar 2020 11:49

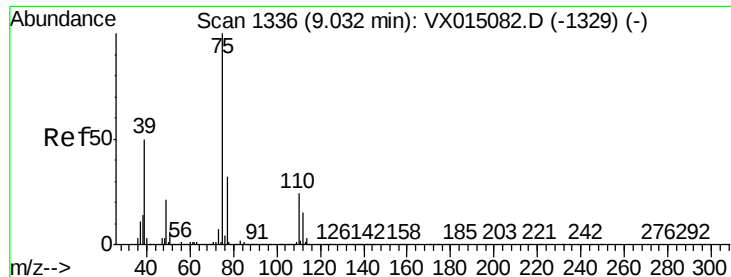
Tgt Ion: 92 Resp: 153041

Ion Ratio Lower Upper

92 100

91 169.7 136.9 205.3





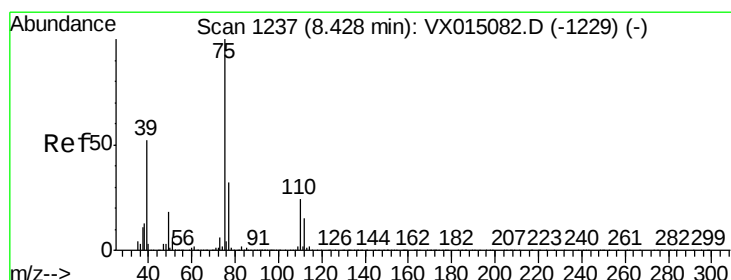
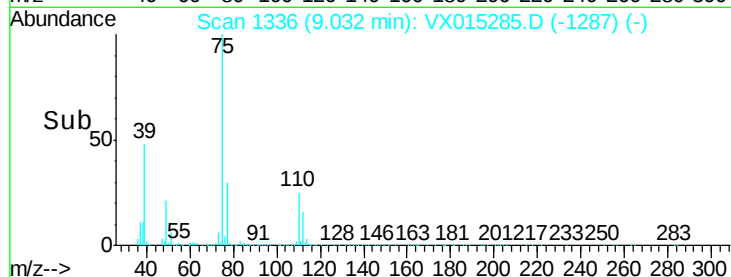
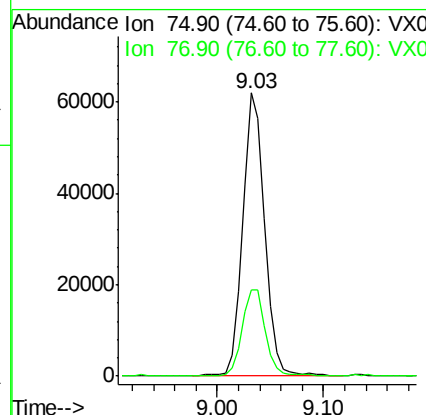
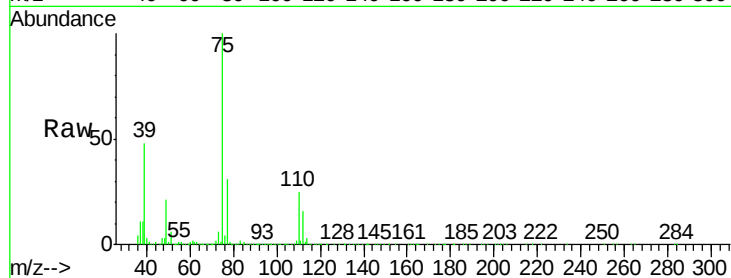
#53
t-1,3-Dichloropropene
Concen: 19.655 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion: 75 Resp: 89923
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

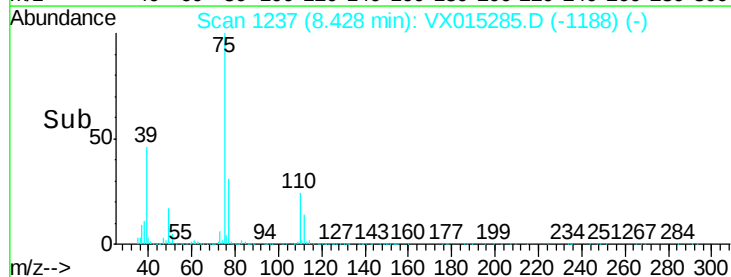
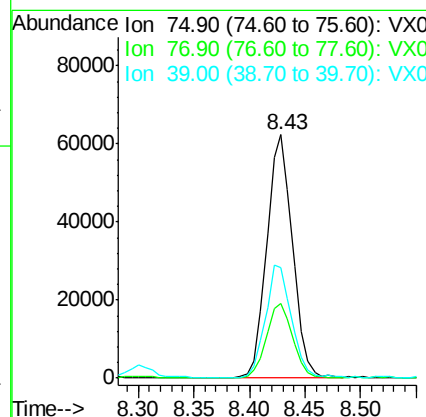
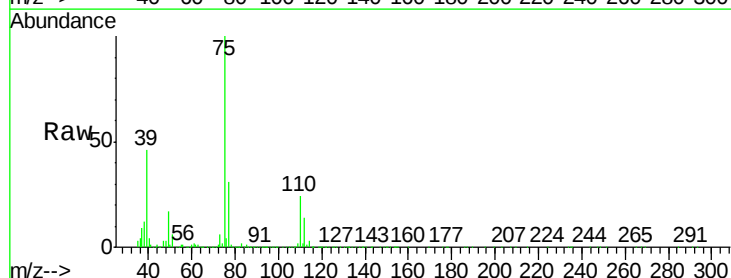
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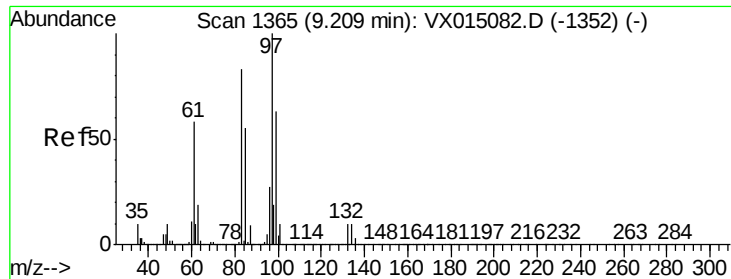
MMDadoda
3/17/2020 12:11:21 PM



#54
cis-1,3-Dichloropropene
Concen: 19.565 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 75 Resp: 101194
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6
39 45.2 41.3 61.9





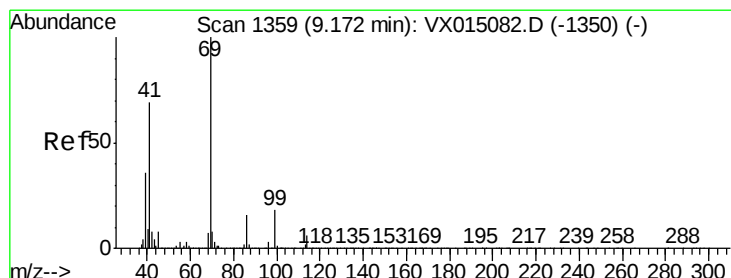
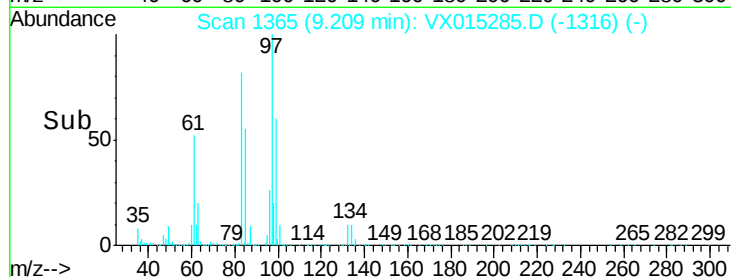
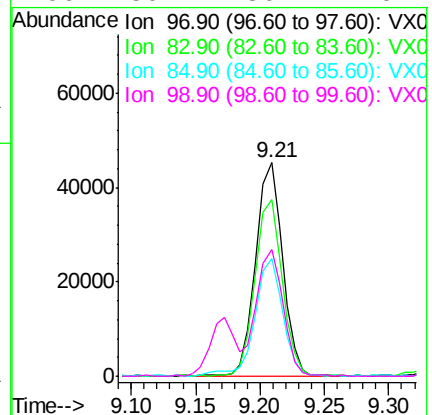
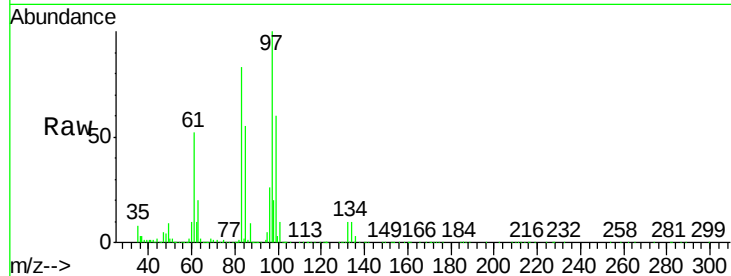
#55
 1,1,2-Trichloroethane
 Concen: 19.936 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.4	99.6
85	54.9	43.5	65.3
99	59.2	50.7	76.1

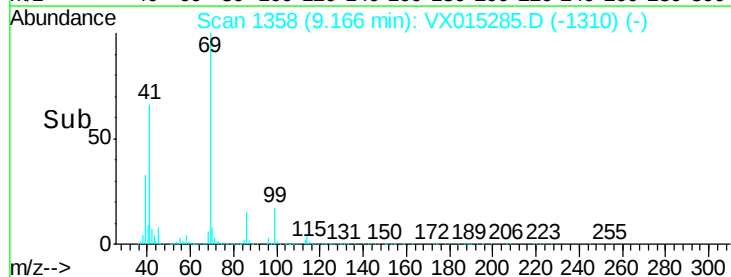
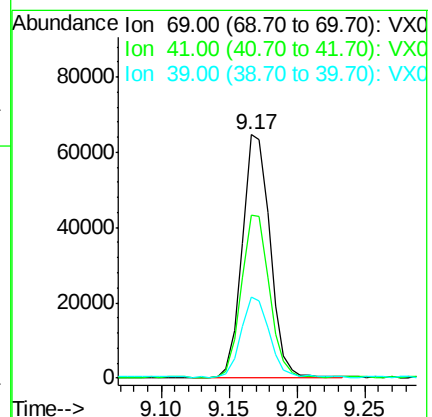
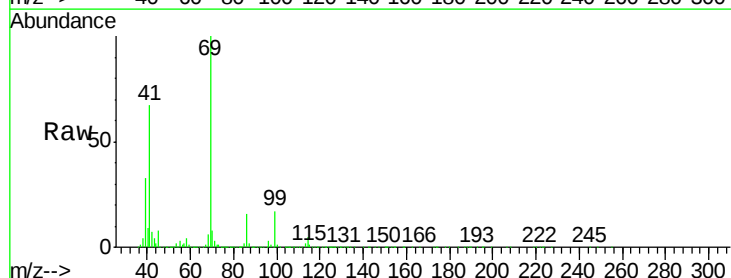
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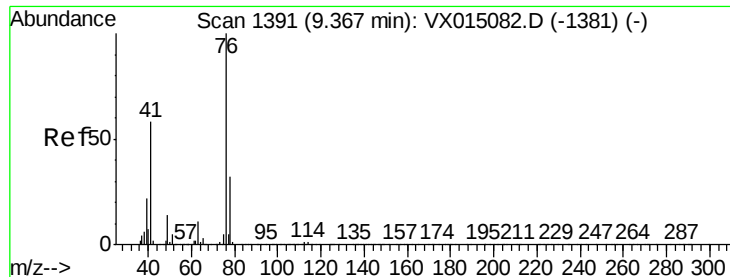
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#56
 Ethyl methacrylate
 Concen: 19.935 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	55.8	83.8
39	33.7	29.4	44.2





#57

1,3-Dichloropropane

Concen: 20.160 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 76 Resp: 110006

Ion Ratio Lower Upper

76 100

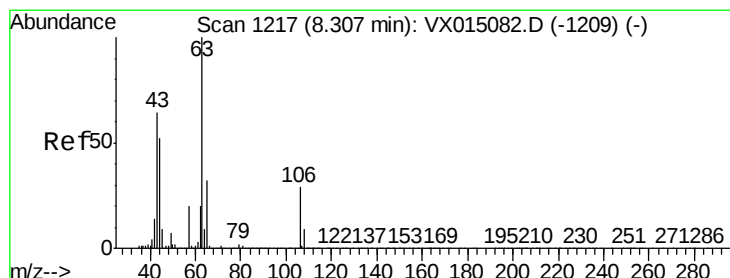
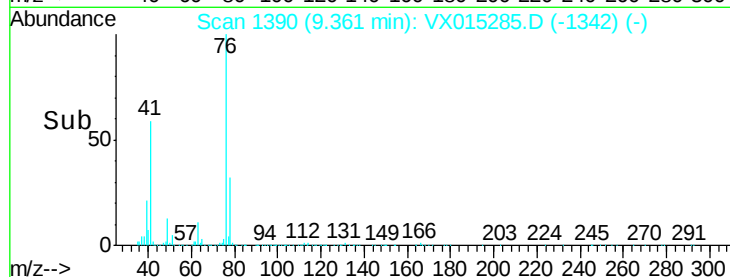
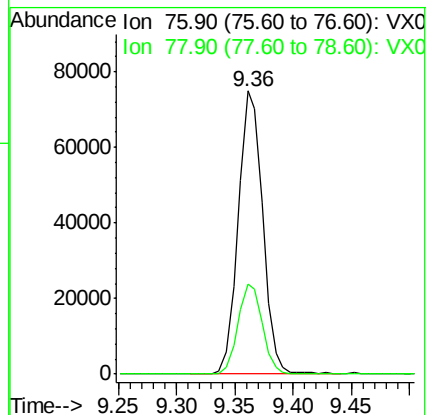
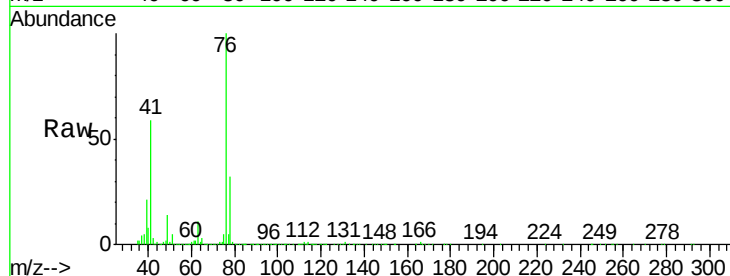
78 31.7 25.6 38.4

Manual Integrations

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3/17/2020 12:11:21 PM



#58

2-Chloroethyl Vinyl ether

Concen: 96.493 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015285.D

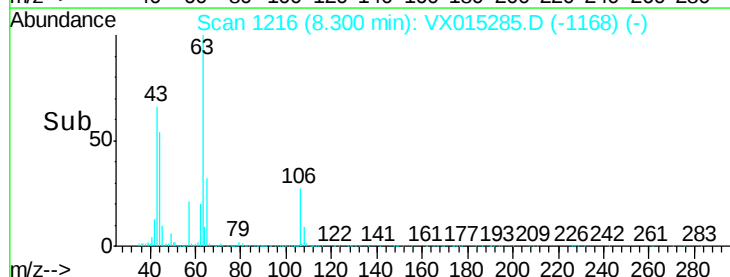
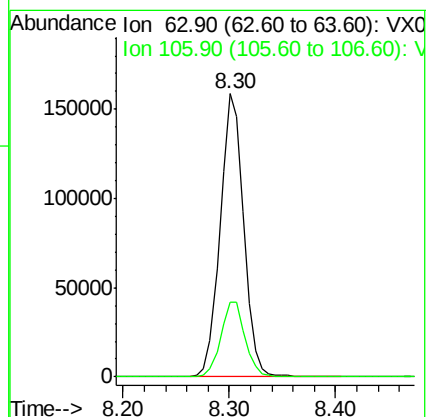
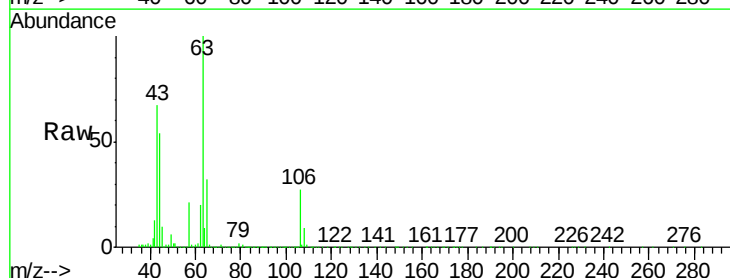
Acq: 16 Mar 2020 11:49

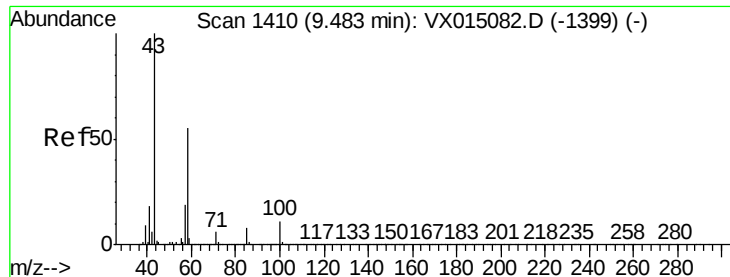
Tgt Ion: 63 Resp: 243189

Ion Ratio Lower Upper

63 100

106 27.5 22.8 34.2





#59

2-Hexanone

Concen: 102.010 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 43 Resp: 316885

Ion Ratio Lower Upper

43 100

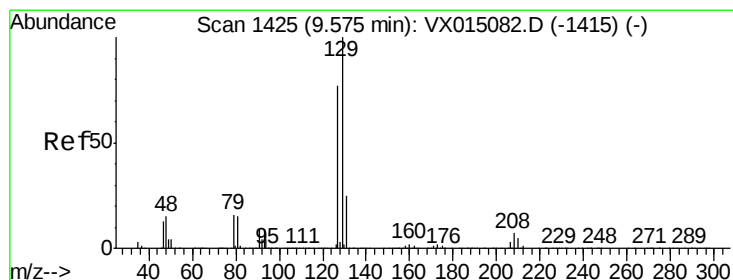
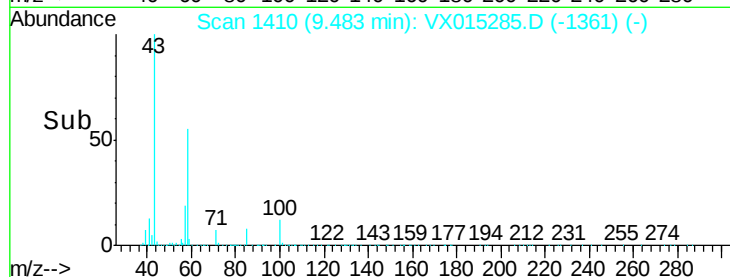
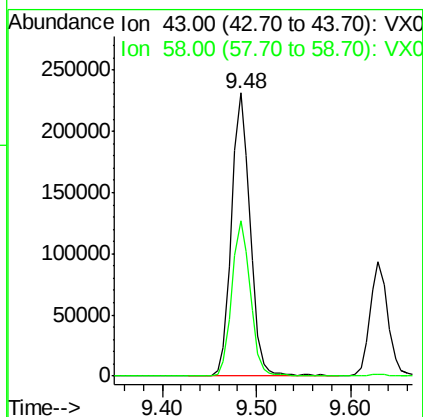
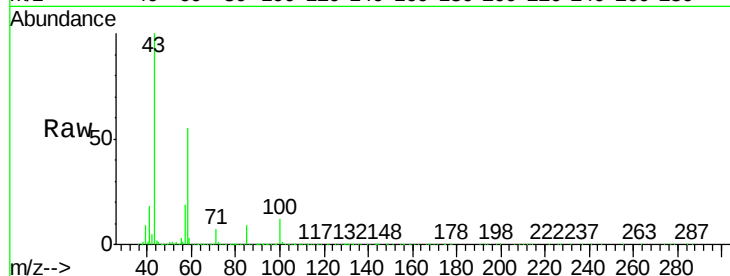
58 54.6 27.3 81.8

Manual Integrations

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#60

Dibromochloromethane

Concen: 19.123 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015285.D

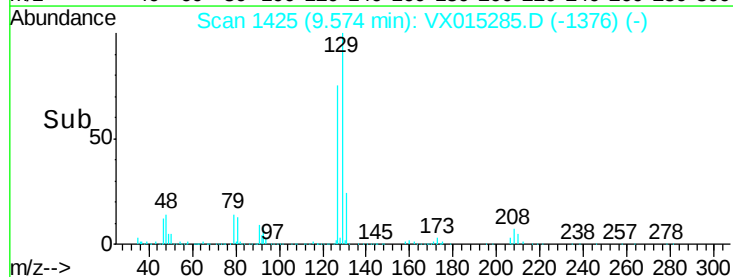
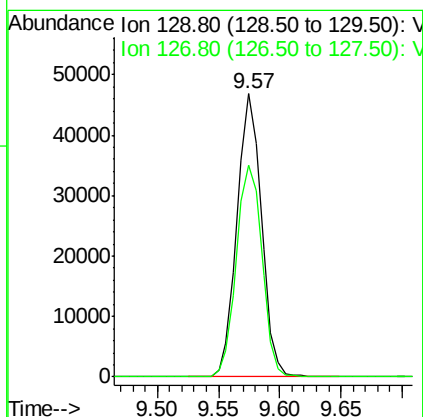
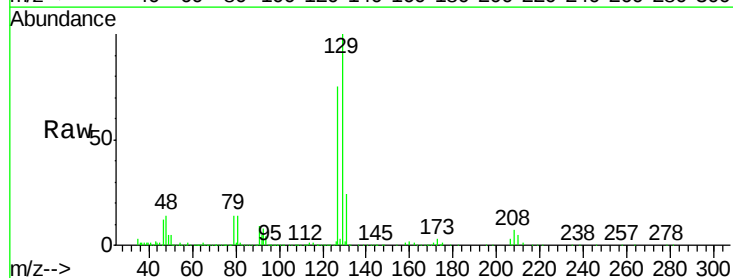
Acq: 16 Mar 2020 11:49

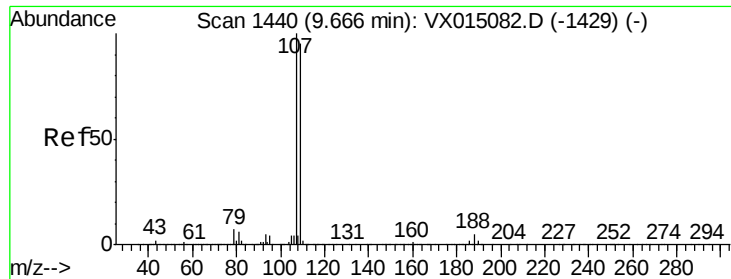
Tgt Ion: 129 Resp: 65154

Ion Ratio Lower Upper

129 100

127 78.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.161 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion:107 Resp: 65274

Ion Ratio Lower Upper

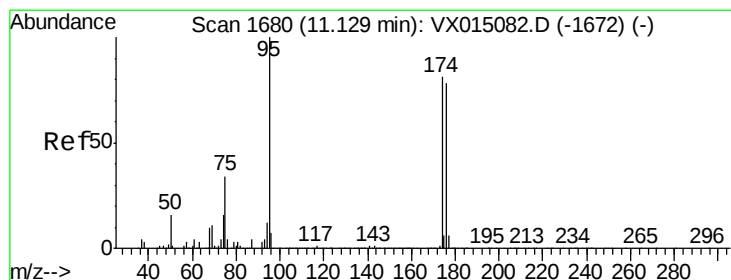
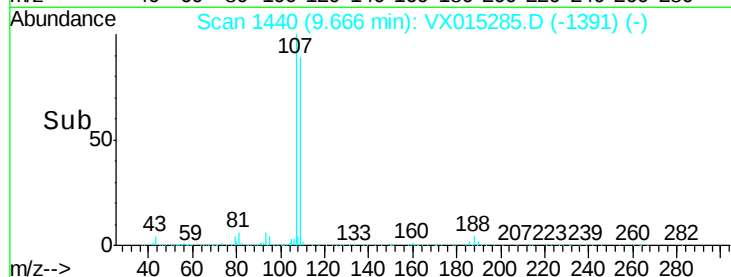
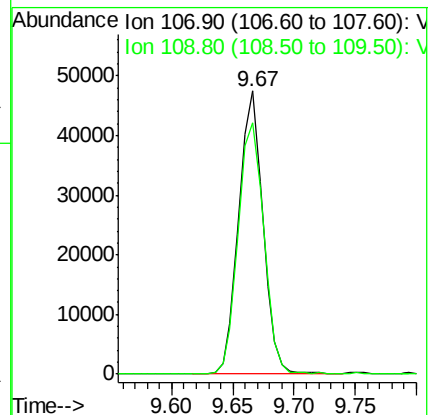
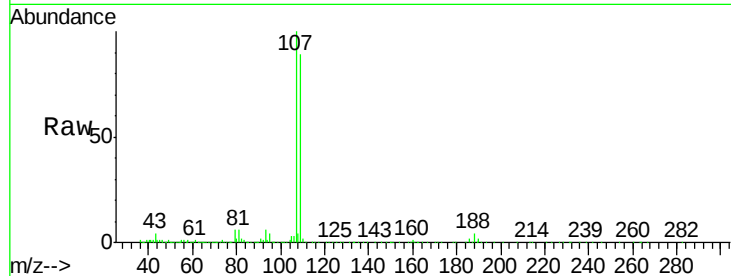
107 100

109 94.0 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.976 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

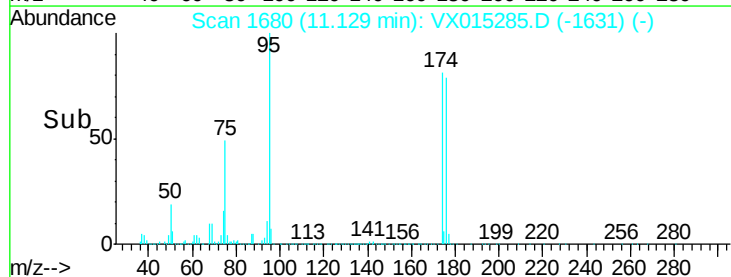
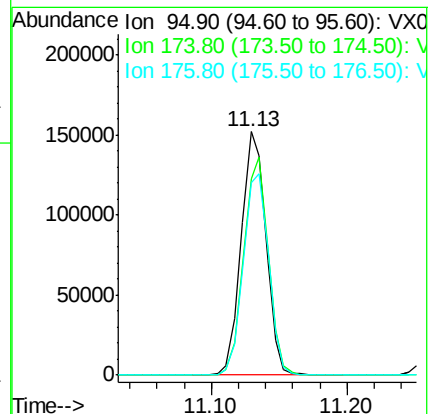
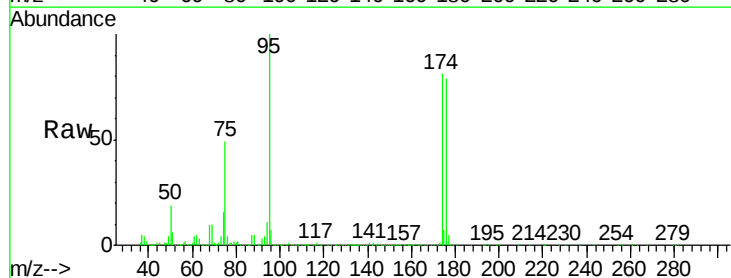
Tgt Ion: 95 Resp: 192961

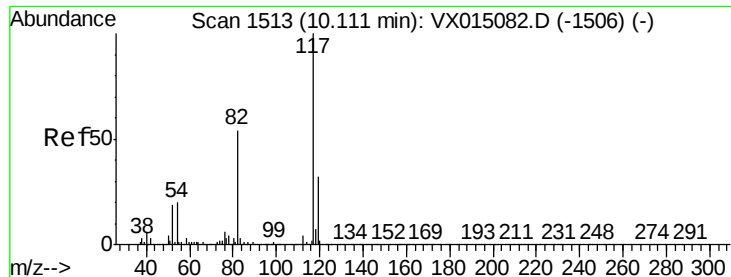
Ion Ratio Lower Upper

95 100

174 88.8 0.0 177.6

176 85.0 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: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

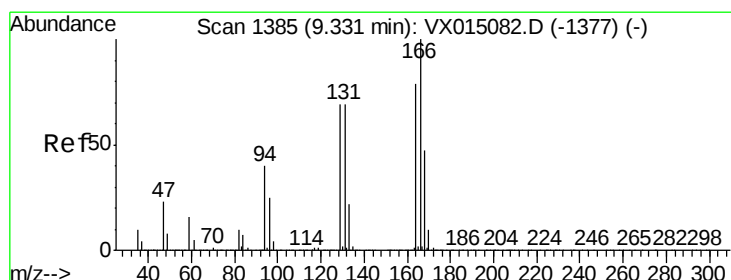
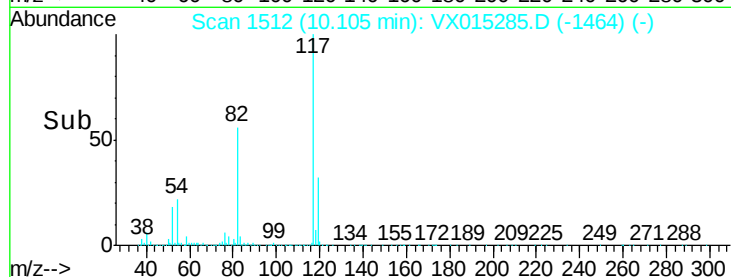
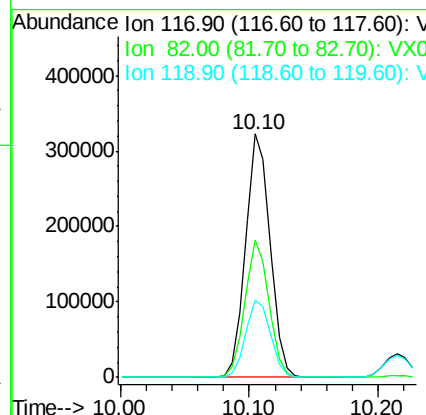
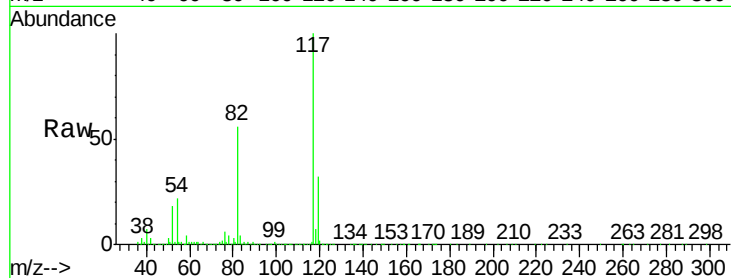
ClientSampleId :

VX0316WBSD01

Tot Ion:	117	Resp:	421761
Ion Ratio	Lower	Upper	
117	100		
82	56.2	43.3	64.9
119	31.9	25.8	38.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.369 ug/l

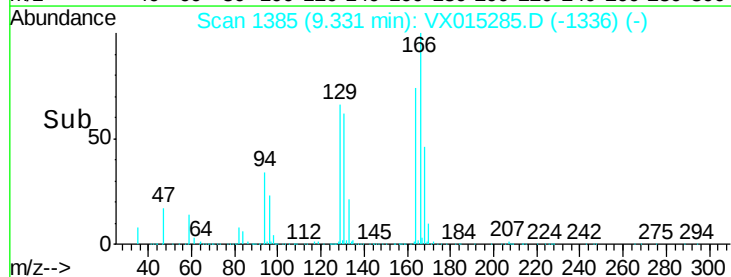
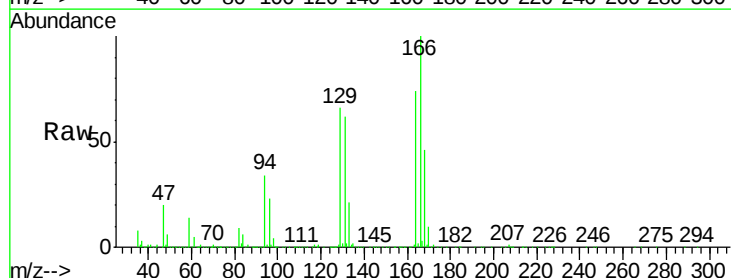
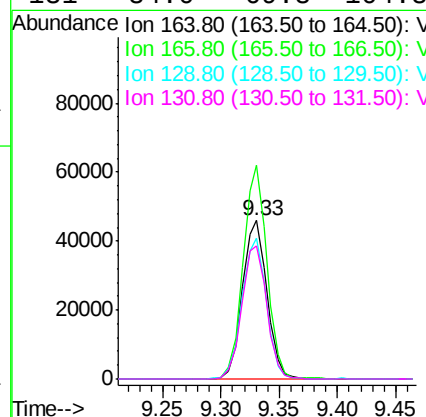
RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	164	Resp:	67542
Ion Ratio	Lower	Upper	
164	100		
166	134.7	101.1	151.7
129	88.6	69.4	104.0
131	84.0	69.8	104.8





#65

Chlorobenzene

Concen: 19.492 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion:112 Resp: 165047

Ion Ratio Lower Upper

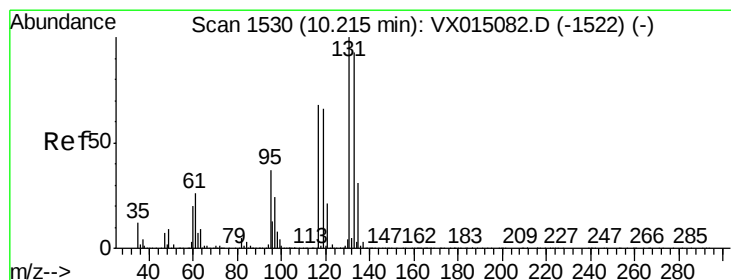
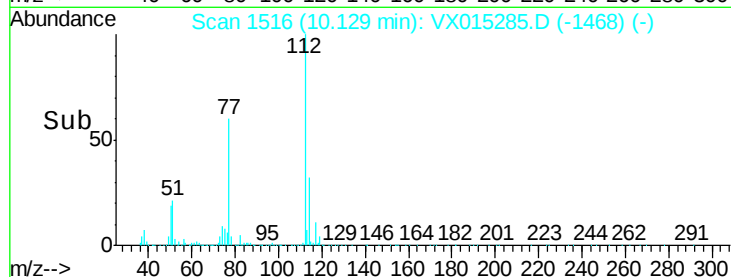
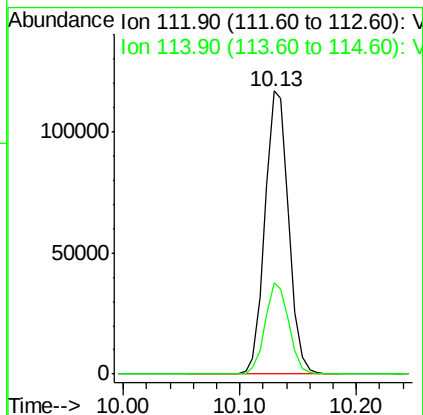
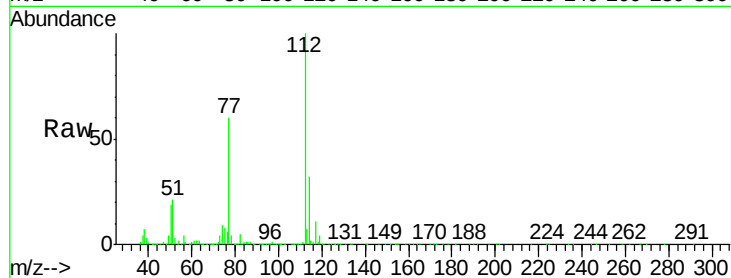
112 100

114 32.1 25.5 38.3

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.121 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

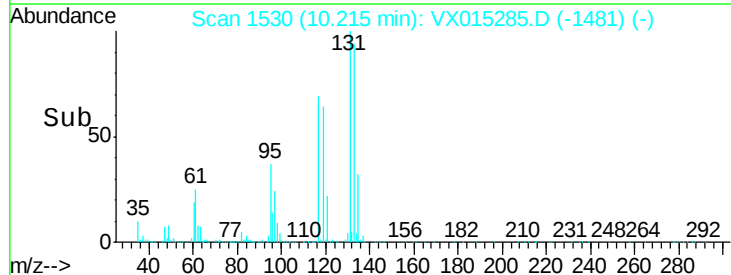
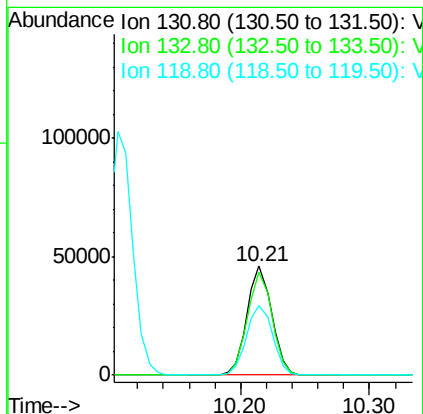
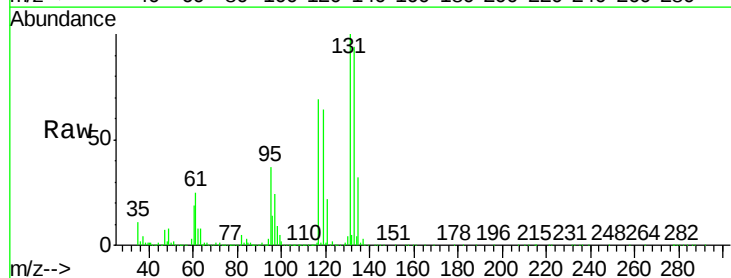
Tgt Ion:131 Resp: 61050

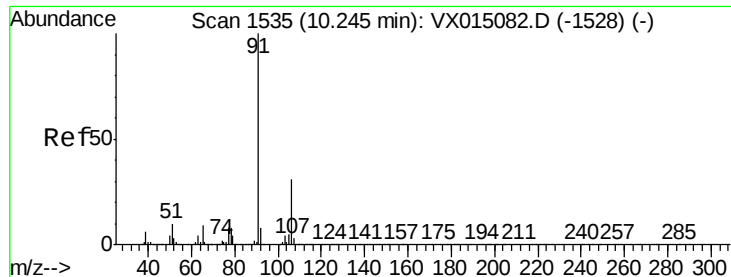
Ion Ratio Lower Upper

131 100

133 94.0 47.5 142.5

119 66.8 33.4 100.1





#67

Ethyl Benzene

Concen: 19.801 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampled :

VX0316WBSD01

Tot Ion: 91 Resp: 284712

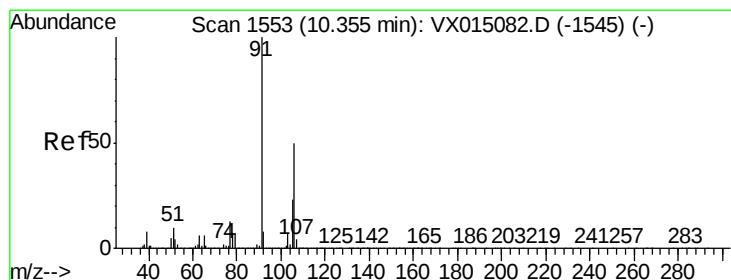
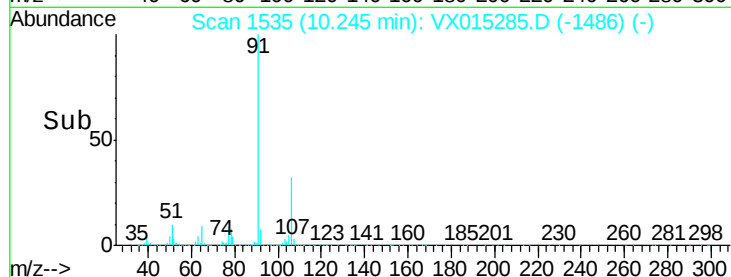
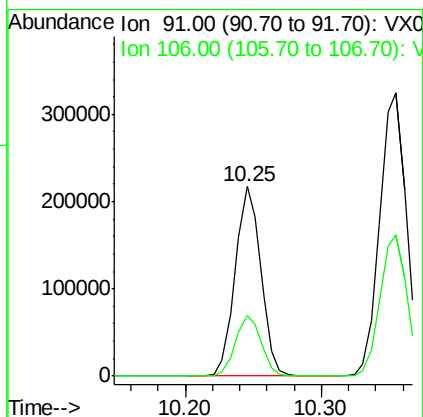
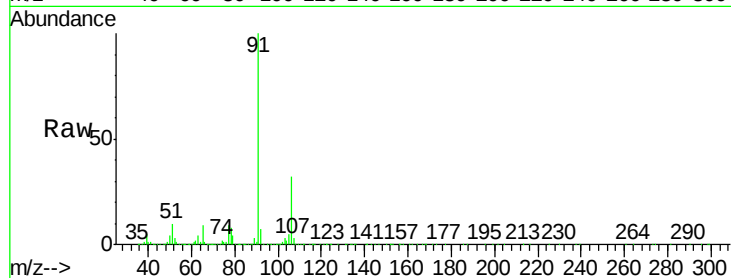
Ion Ratio Lower Upper

91 100

106 32.3 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 40.650 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015285.D

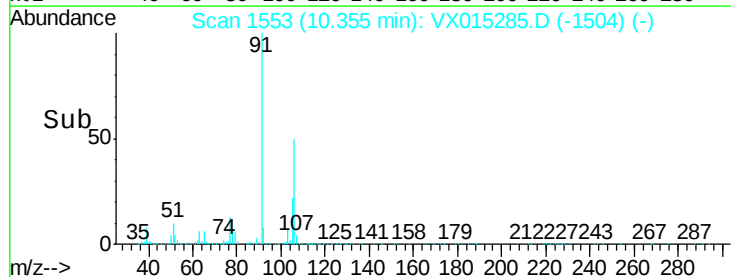
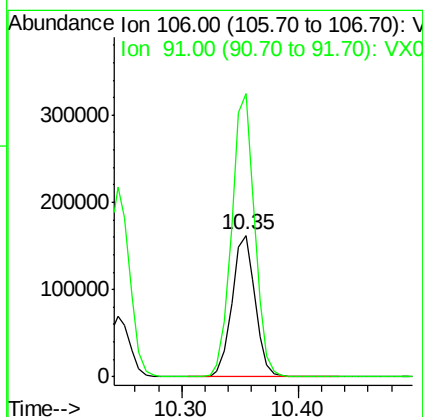
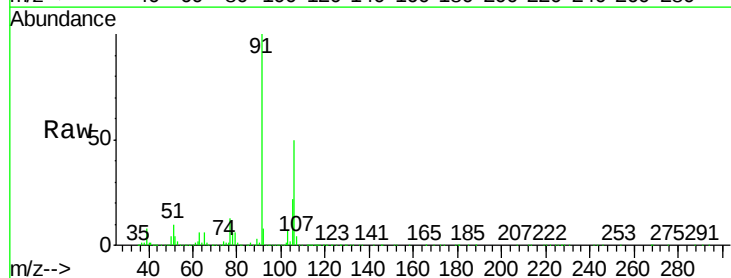
Acq: 16 Mar 2020 11:49

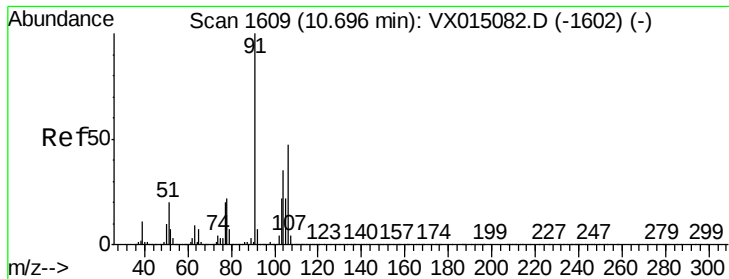
Tgt Ion: 106 Resp: 222378

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.2





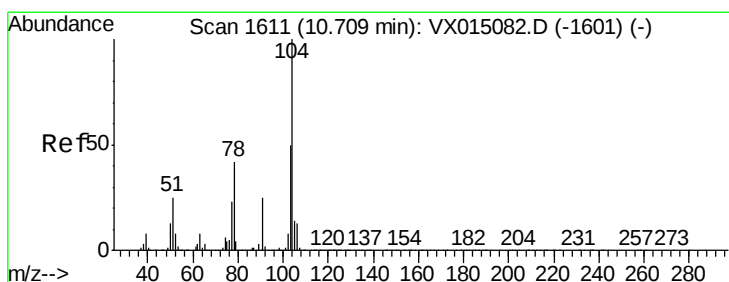
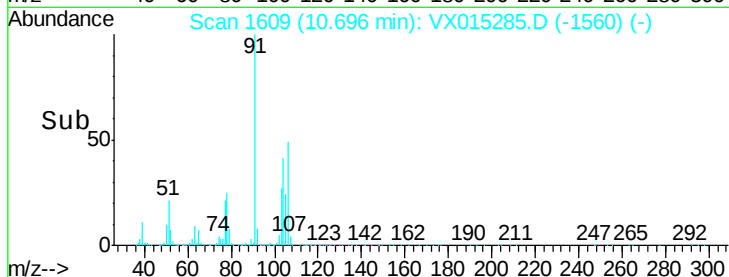
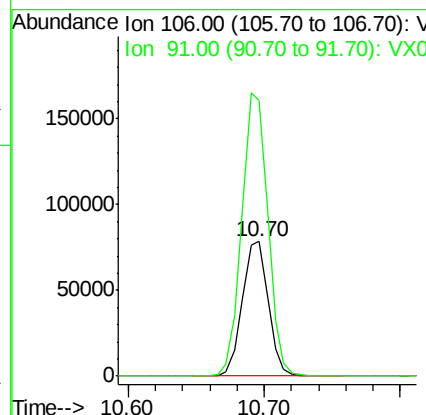
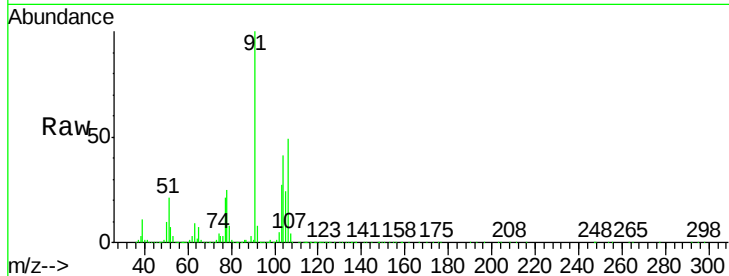
#69
o-Xylene
Concen: 19.917 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampled :
VX0316WBSD01

Tot Ion:106 Resp: 104317
Ion Ratio Lower Upper
106 100
91 212.4 105.4 316.1

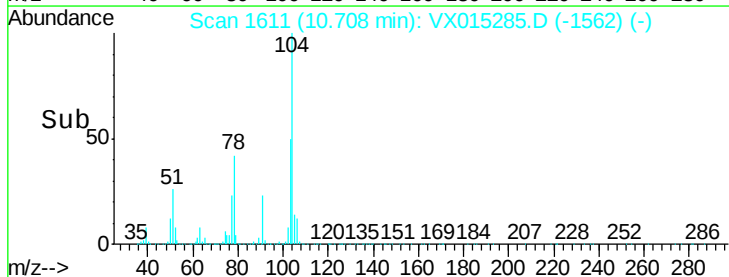
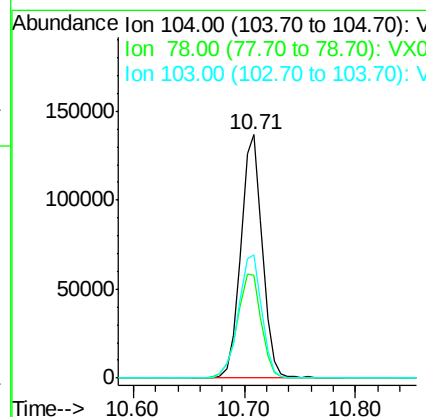
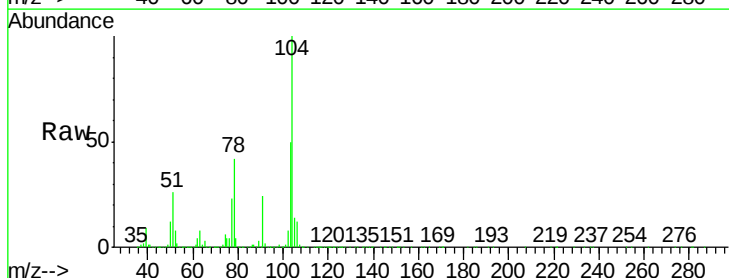
Manual Integrations
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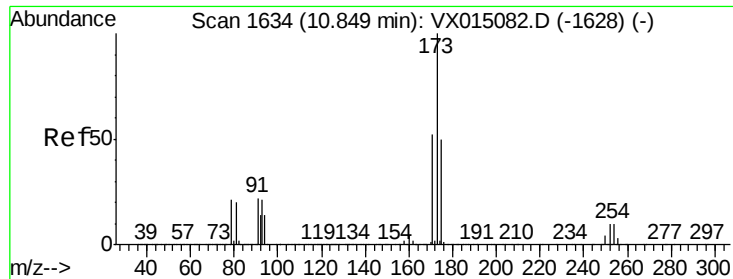
MMDadoda
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#70
Styrene
Concen: 20.251 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion:104 Resp: 181865
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.533 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

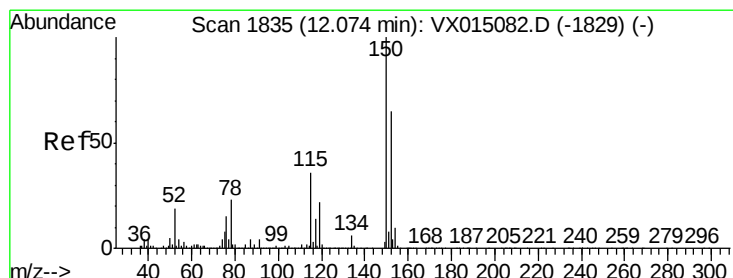
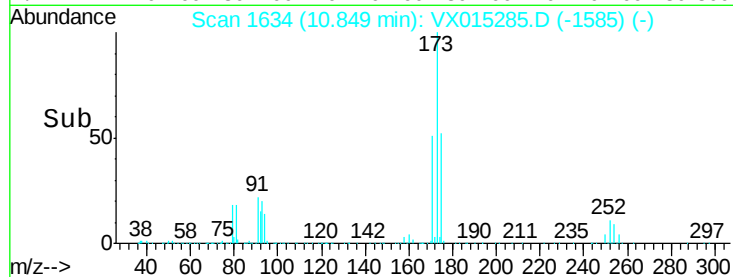
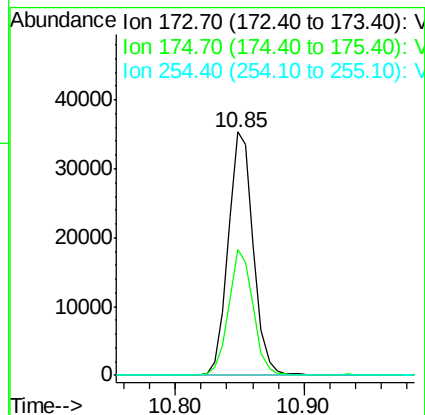
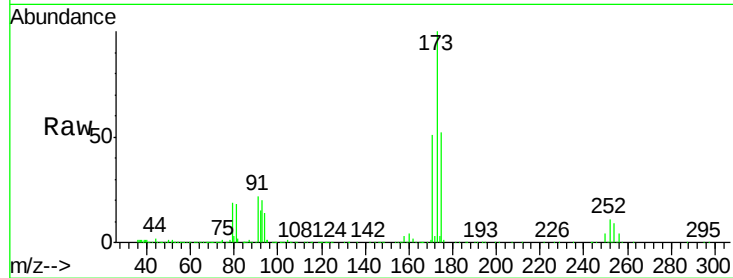
ClientSampleId :

VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.9	74.7
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

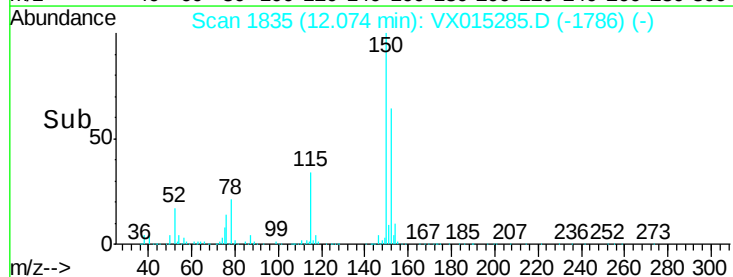
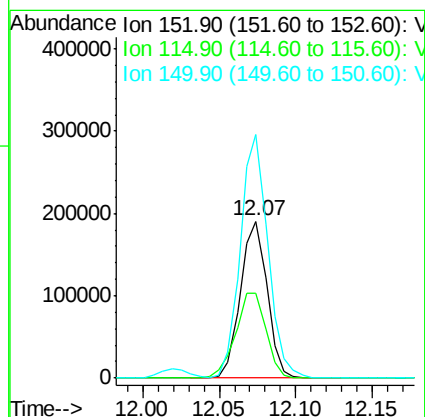
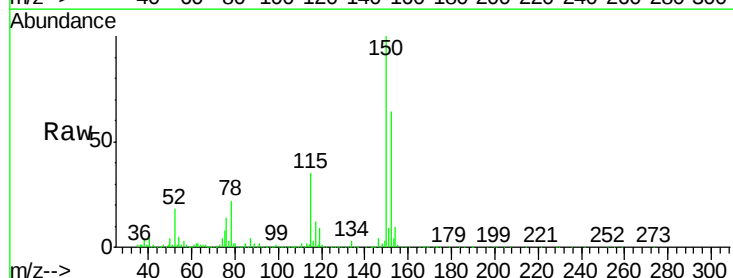
RT: 12.07 min Scan# 1835

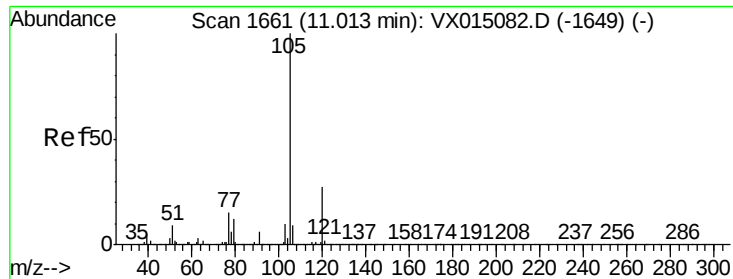
Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	38.2	114.6
150	160.8	0.0	343.8





#73

Isopropylbenzene

Concen: 19.288 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion: 105 Resp: 282649

Ion Ratio Lower Upper

105 100

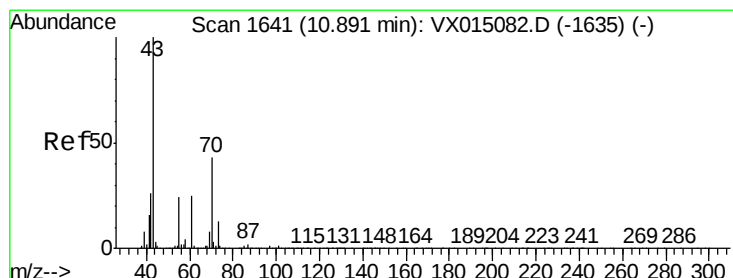
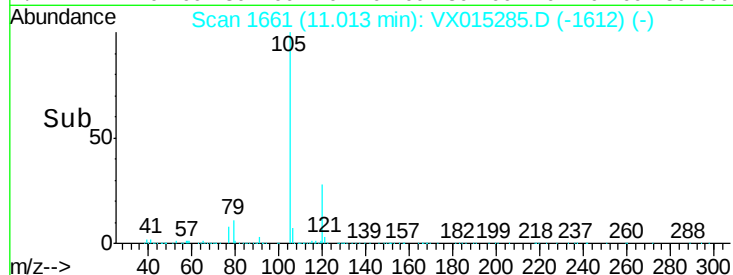
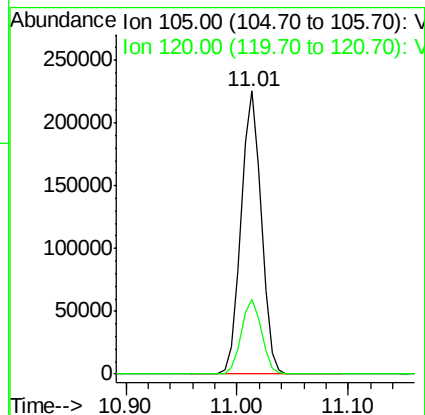
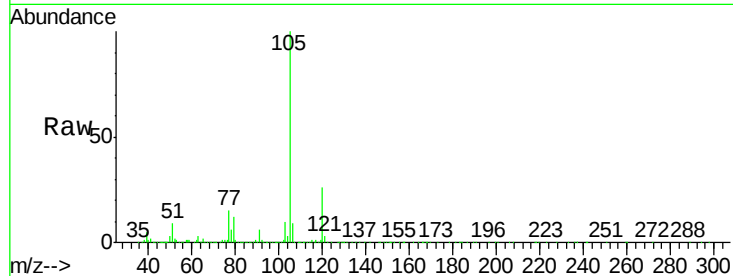
120 26.5

13.5 40.5

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#74

N-ethyl acetate

Concen: 19.086 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion: 43 Resp: 117872

Ion Ratio Lower Upper

43 100

70 41.2

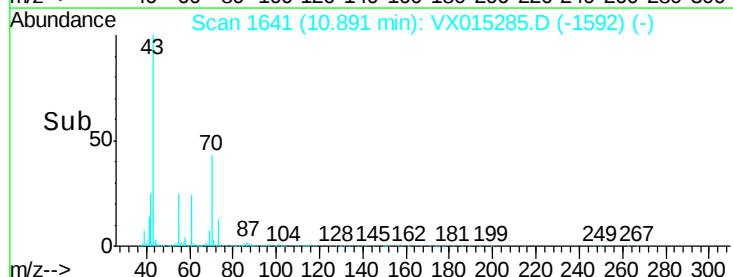
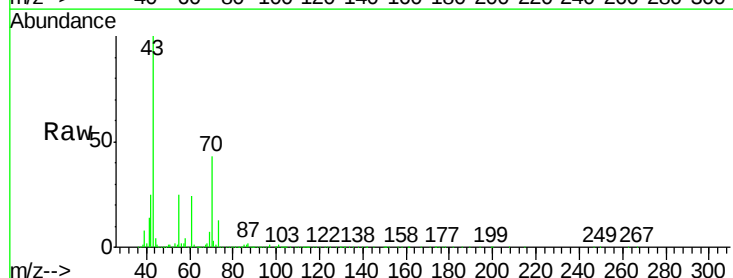
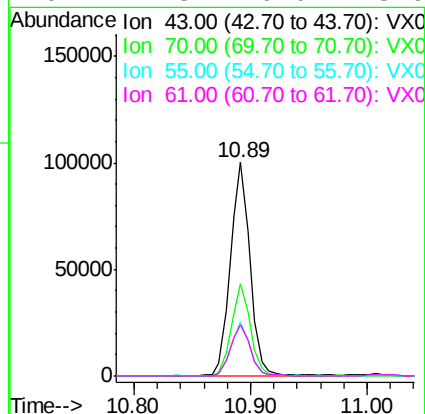
55 24.4

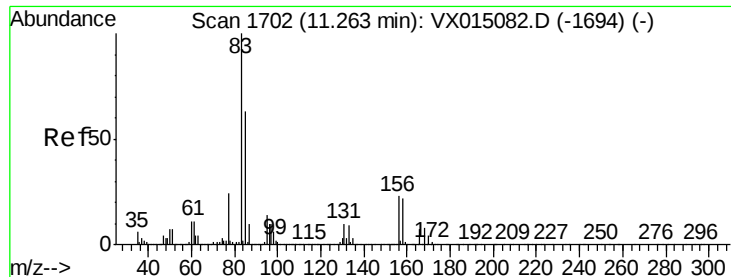
61 24.5

34.7 52.1

19.4 29.0

19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.434 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

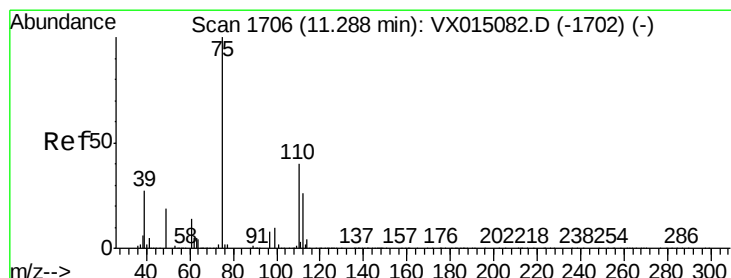
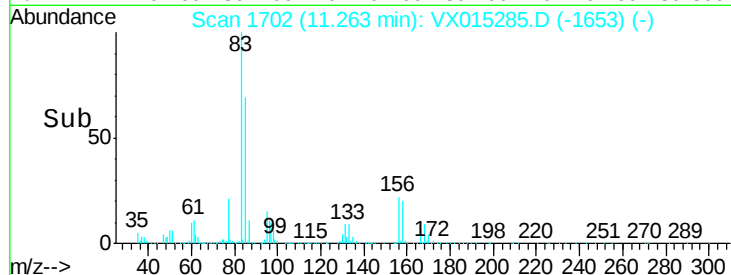
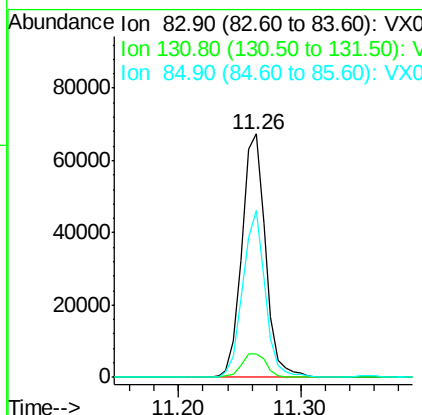
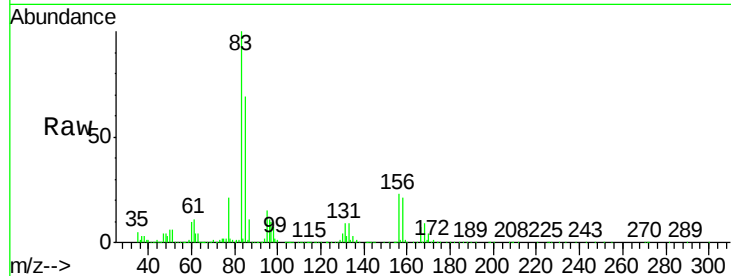
ClientSampleId :

VX0316WBSD01

Tot Ion:	83	Resp:	90027
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.759 ug/l m

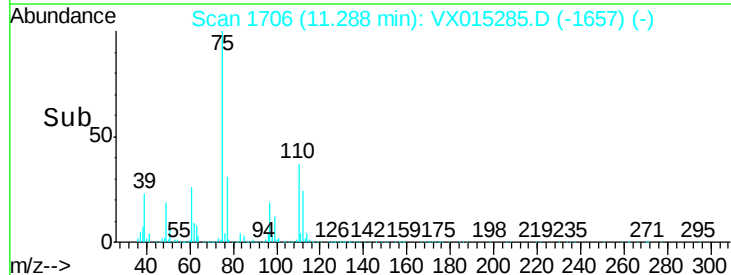
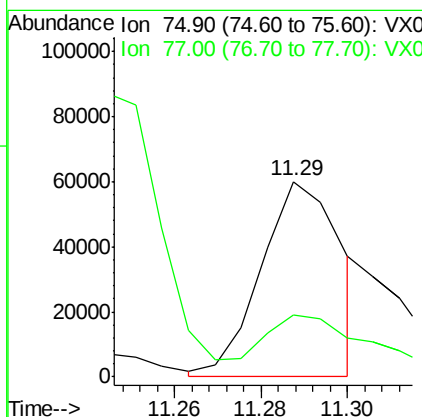
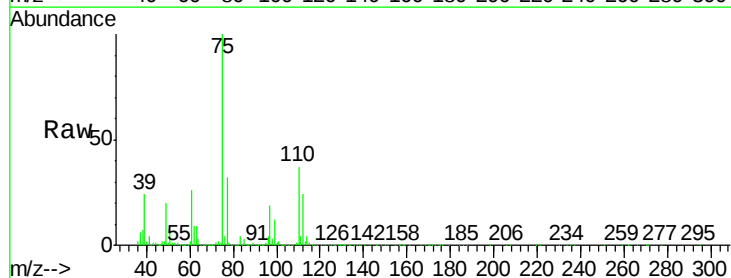
RT: 11.29 min Scan# 1706

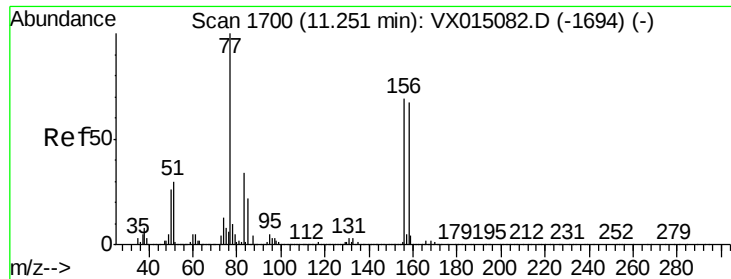
Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	75	Resp:	76686
Ion Ratio	Lower	Upper	
75	100		
77	43.6	22.6	67.8





#77

Bromobenzene

Concen: 18.667 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

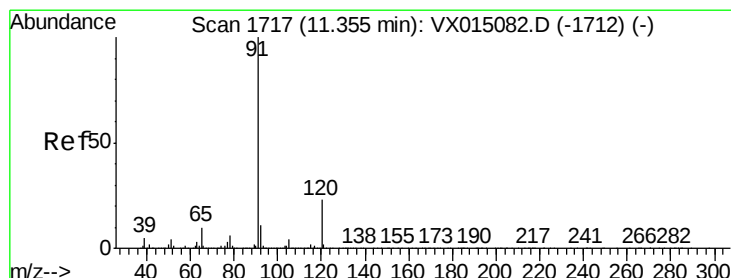
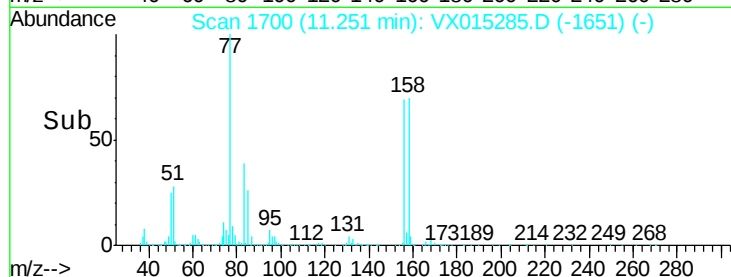
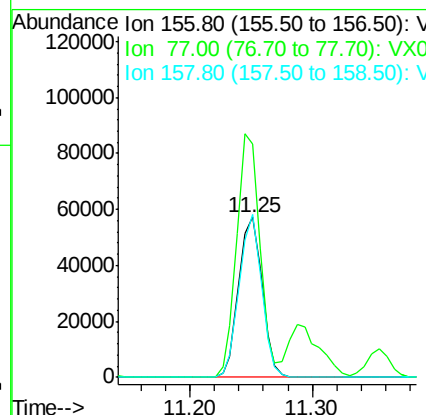
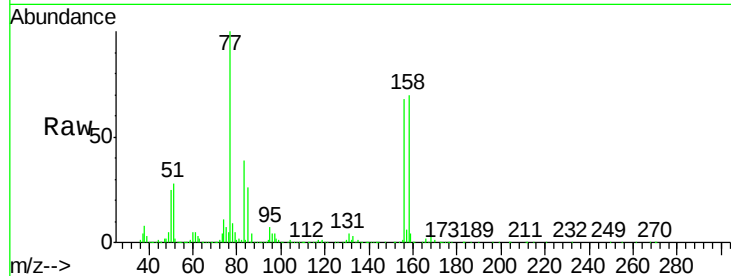
ClientSampleId :

VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.4	75.3	225.9
158	97.1	48.5	145.6

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#78

n-propylbenzene

Concen: 19.362 ug/l

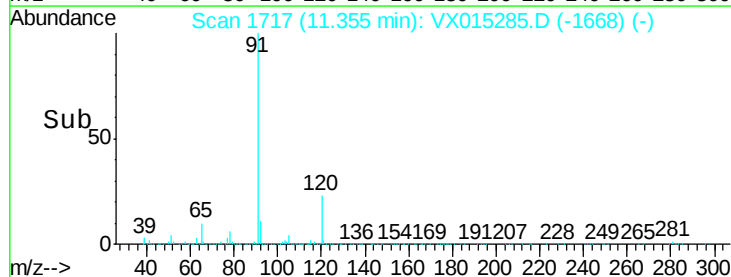
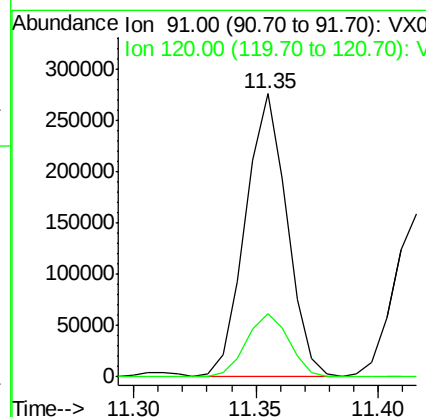
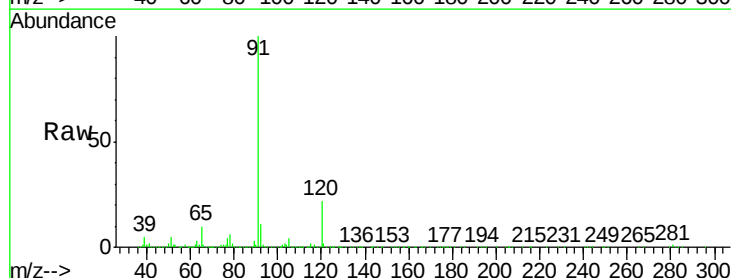
RT: 11.35 min Scan# 1717

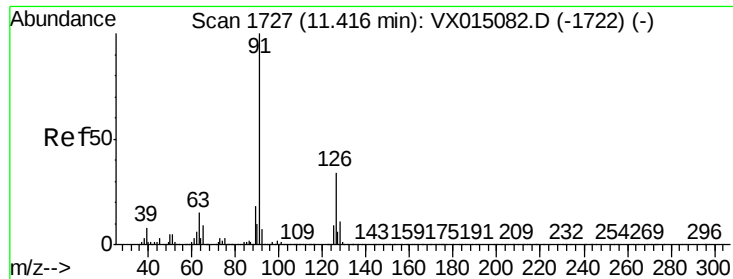
Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





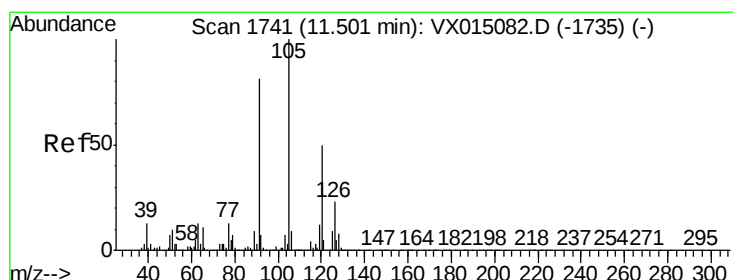
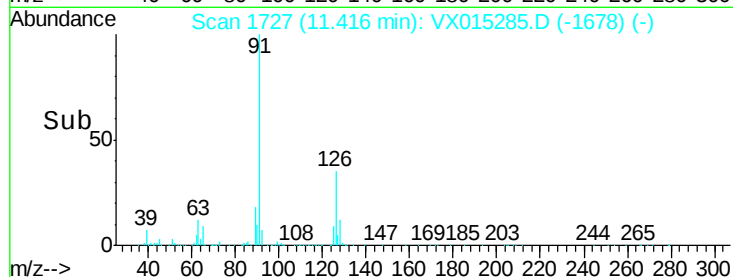
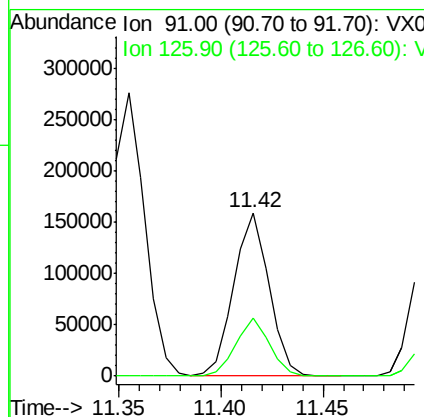
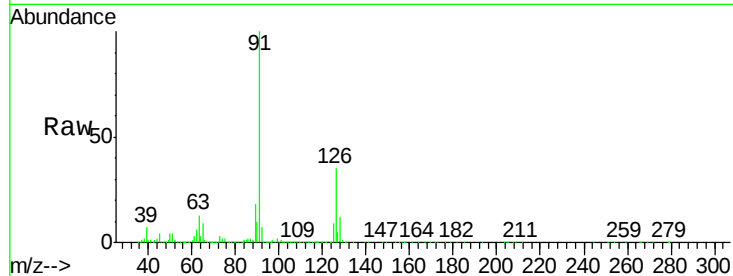
#79
2-Chlorotoluene
Concen: 18.941 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion: 91 Resp: 189370
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0

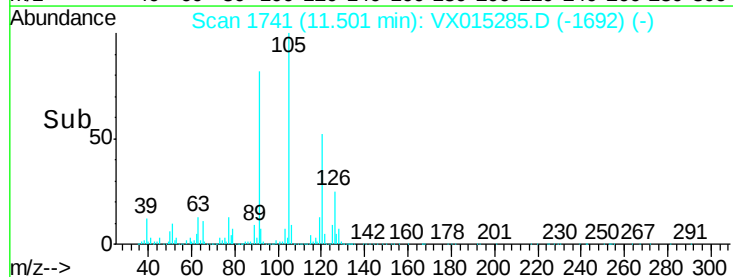
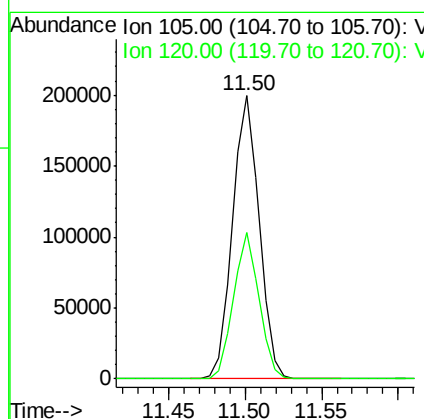
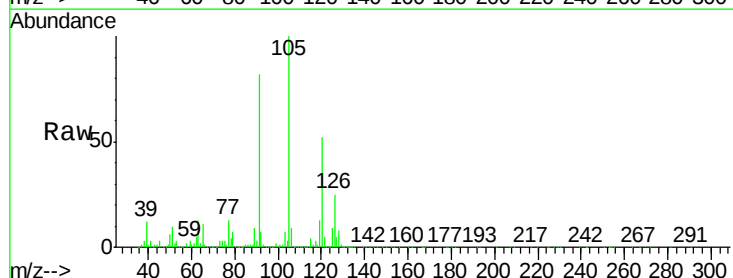
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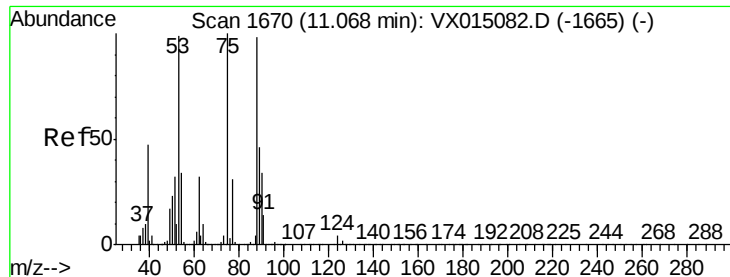
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#80
1,3,5-Trimethylbenzene
Concen: 19.631 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion: 105 Resp: 239481
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.4





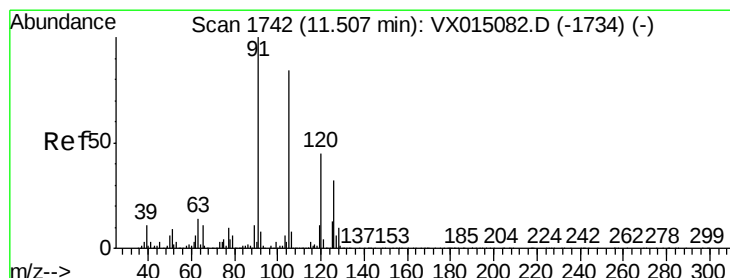
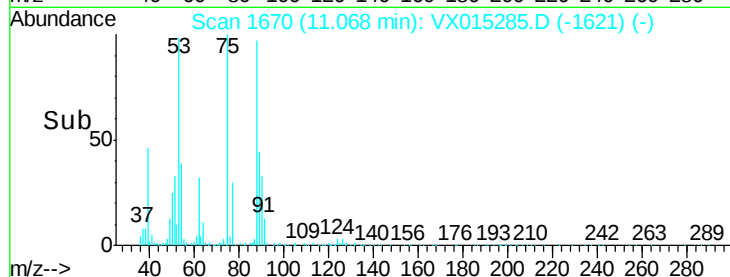
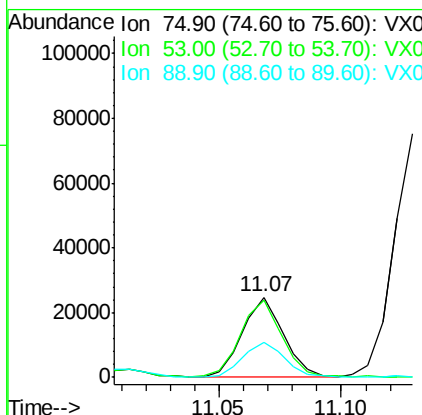
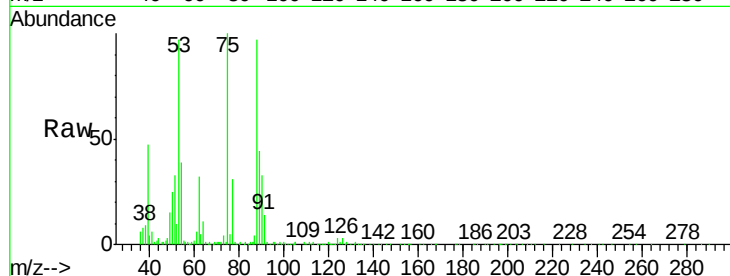
#81
trans-1,4-Dichloro-2-butene
Concen: 17.748 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	77.9	116.9
89	44.1	36.2	54.2

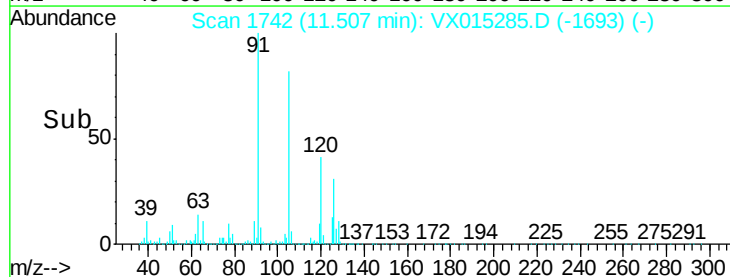
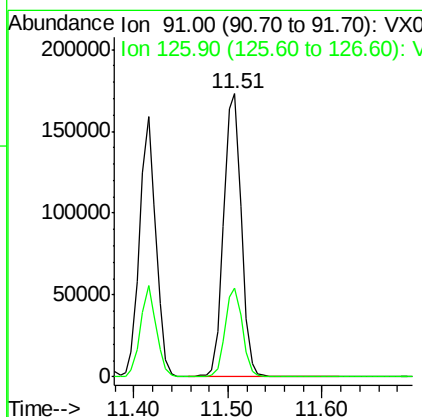
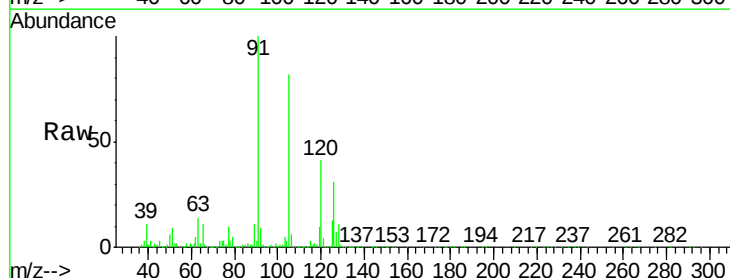
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#82
4-Chlorotoluene
Concen: 19.005 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.2





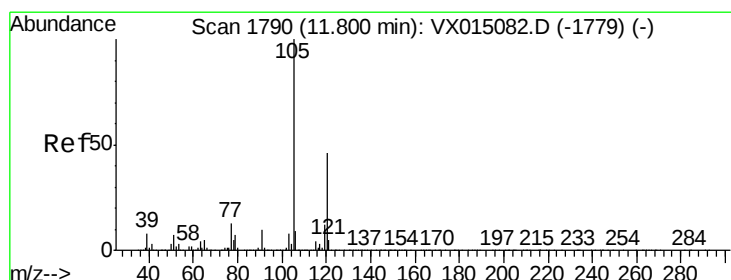
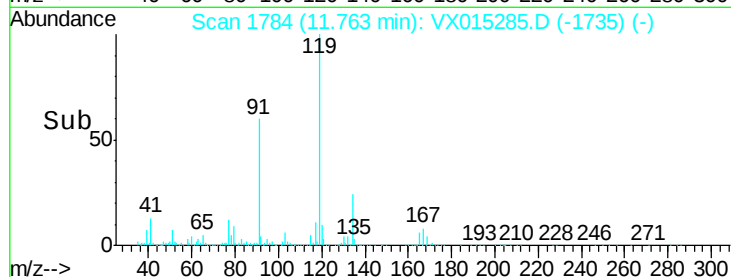
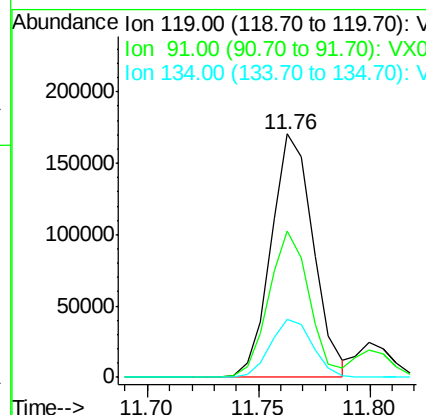
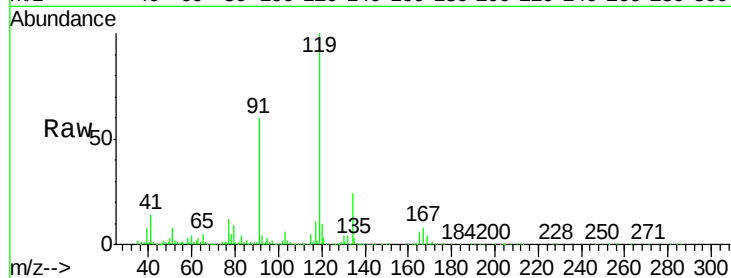
#83
tert-Butylbenzene
Concen: 19.007 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.5	85.6
134	23.9	11.9	35.7

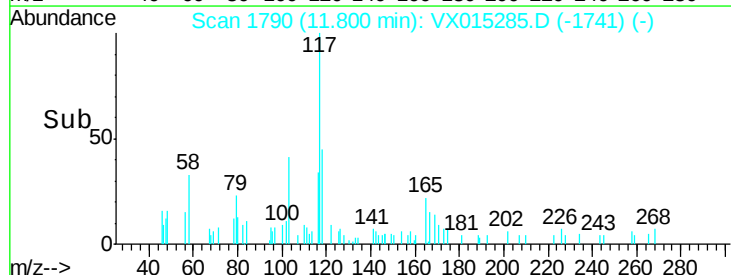
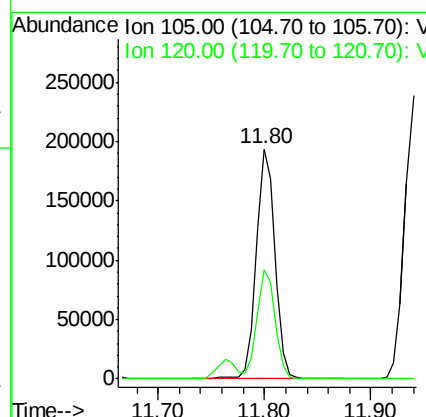
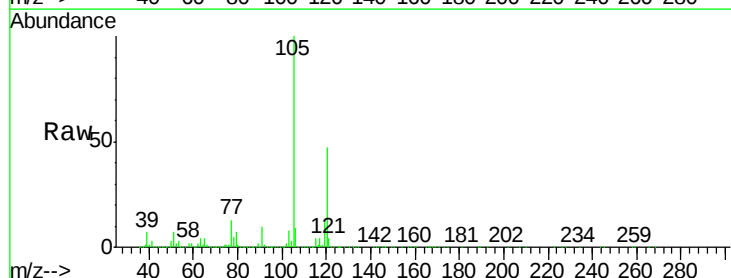
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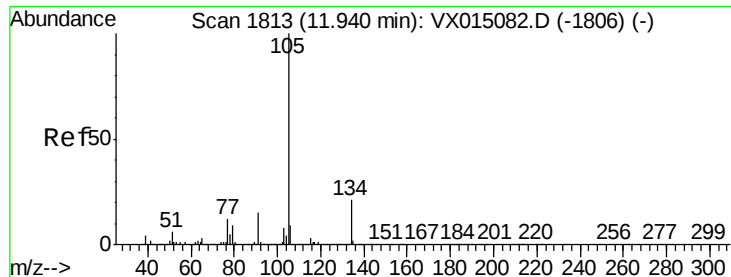
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#84
1,2,4-Trimethylbenzene
Concen: 19.423 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.5





#85

sec-Butylbenzene

Concen: 19.459 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBSD01

Tot Ion:105 Resp: 277086

Ion Ratio Lower Upper

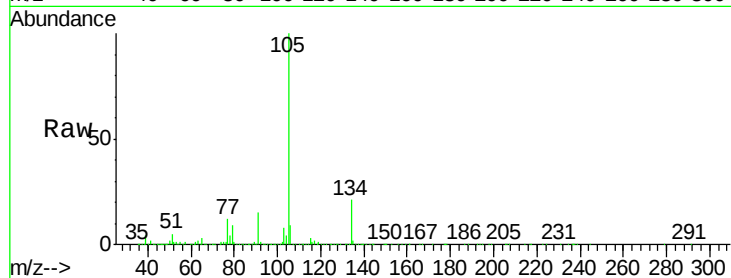
105 100

134 20.2 10.4 31.2

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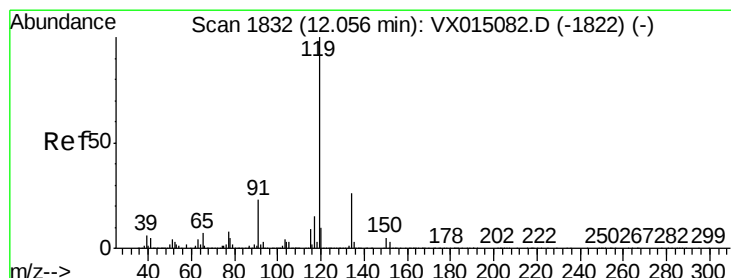
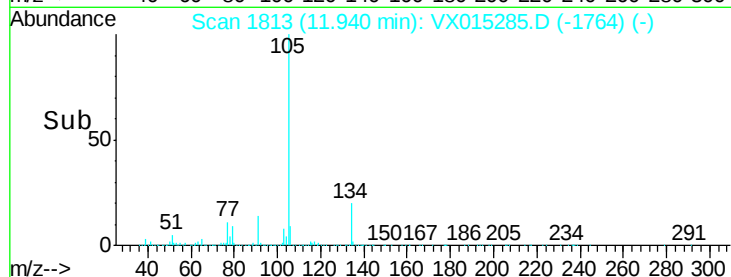
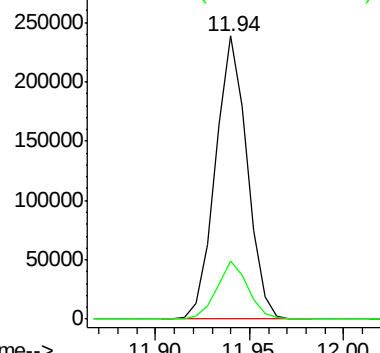
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.760 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

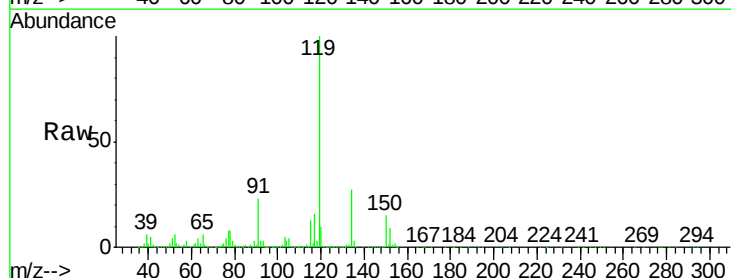
Tgt Ion:119 Resp: 259235

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

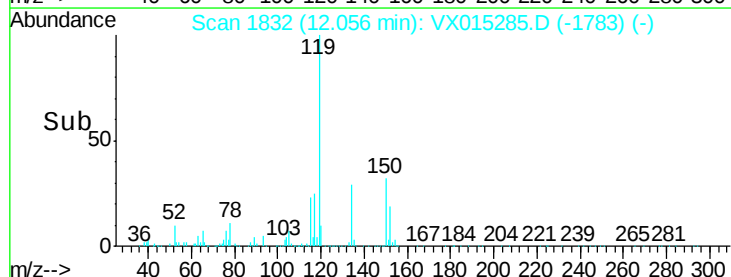
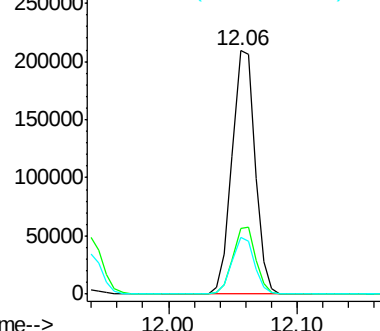
91 22.6 11.3 33.8

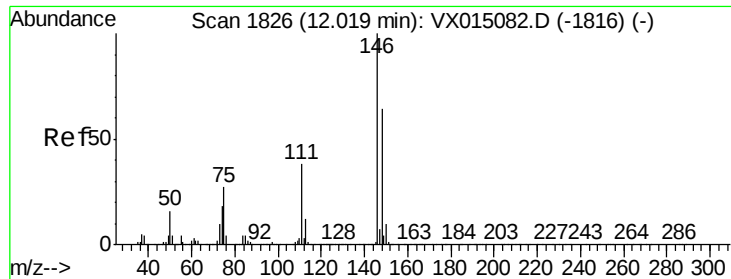


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.992 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

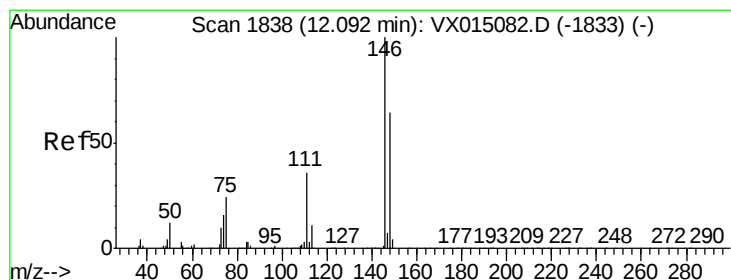
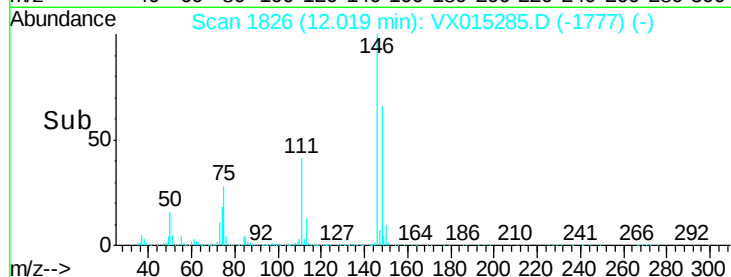
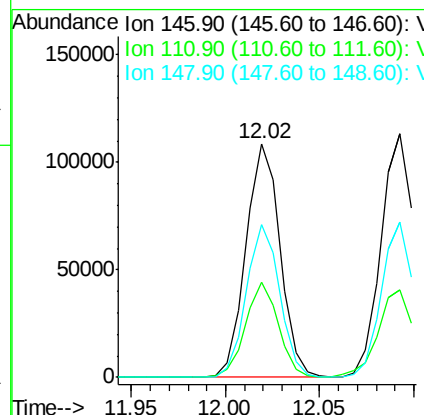
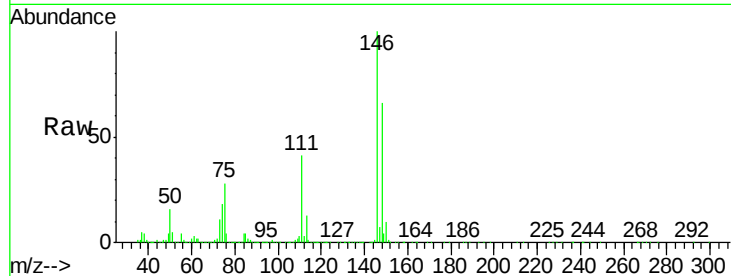
Instrument :
MSVOA_X

ClientSampled :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.1
148	64.4	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 18.894 ug/l

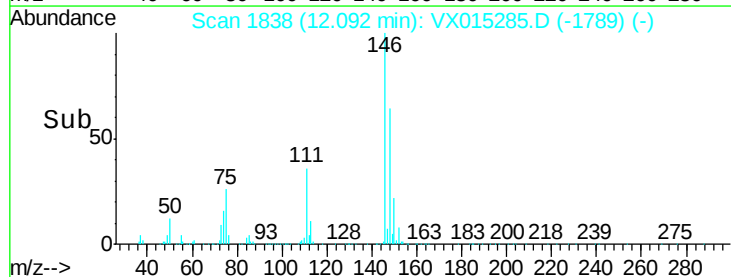
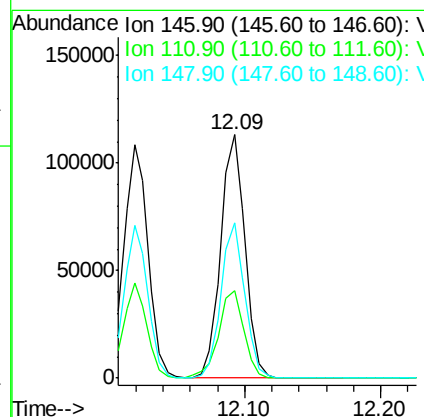
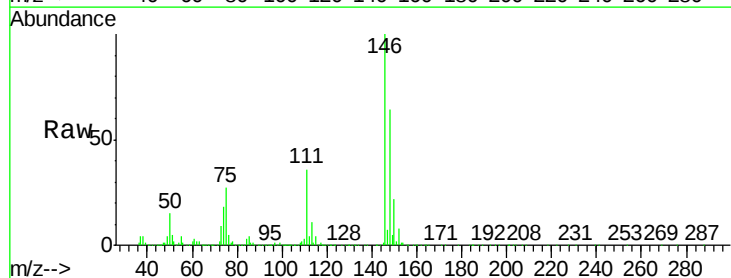
RT: 12.09 min Scan# 1838

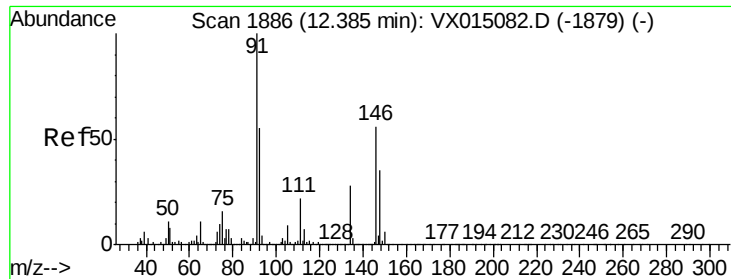
Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	62.2	32.5	97.4





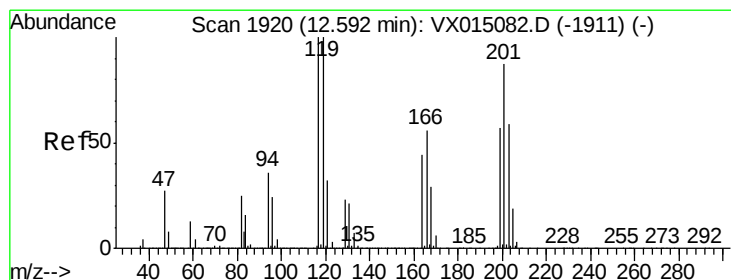
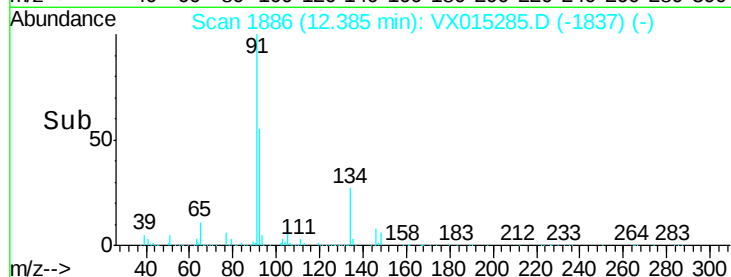
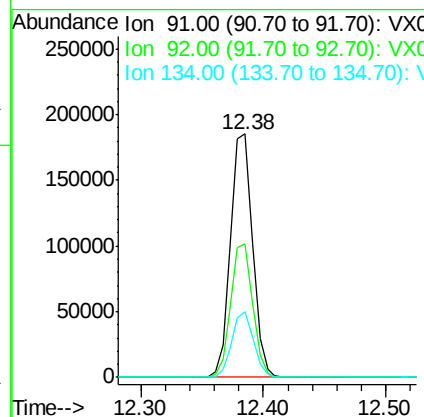
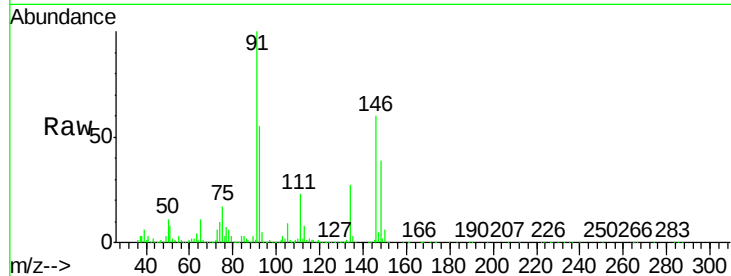
#89
n-Butylbenzene
Concen: 19.813 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	26.5	13.5	40.5

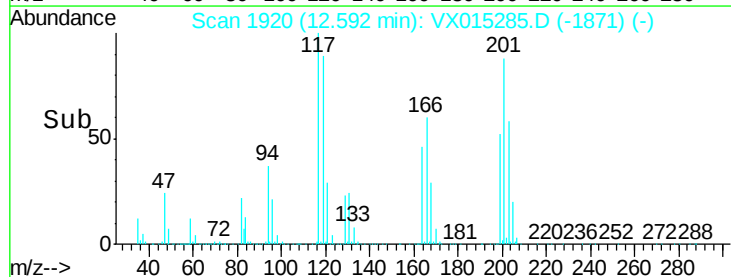
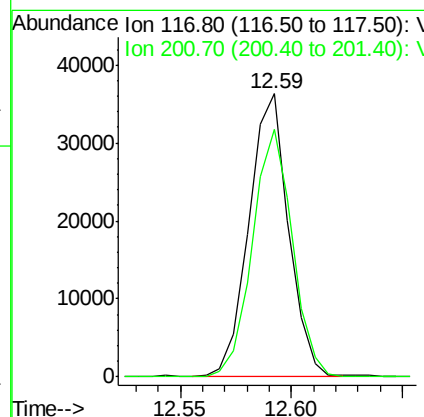
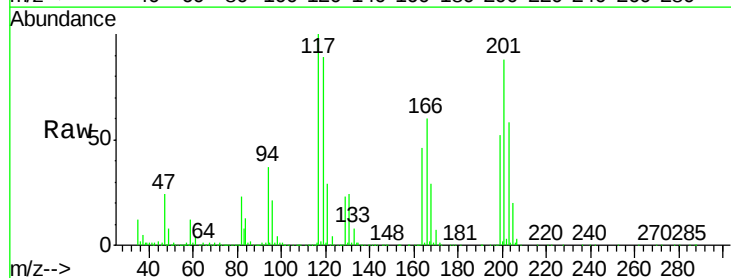
Manual Integrations
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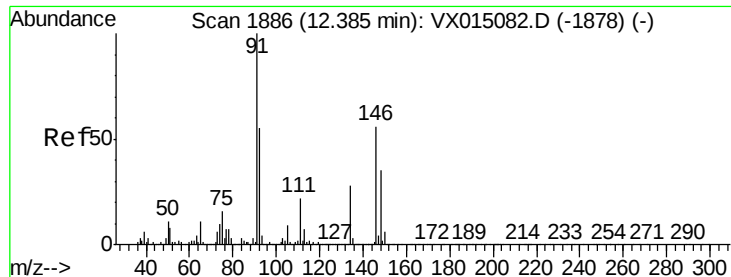
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#90
Hexachloroethane
Concen: 18.122 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015285.D
Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 19.003 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

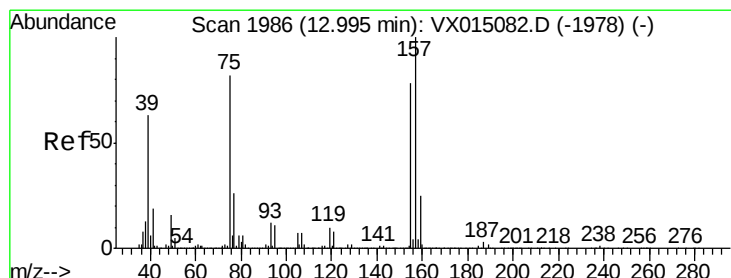
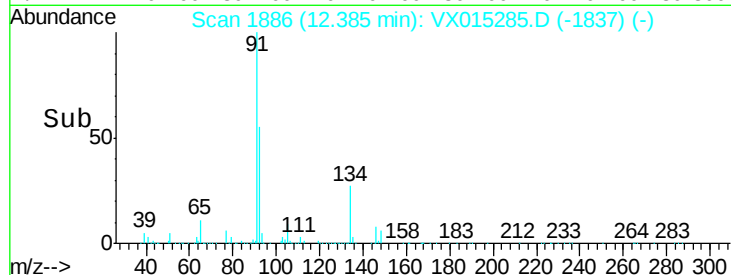
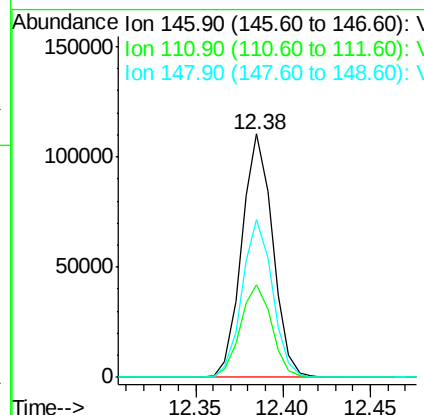
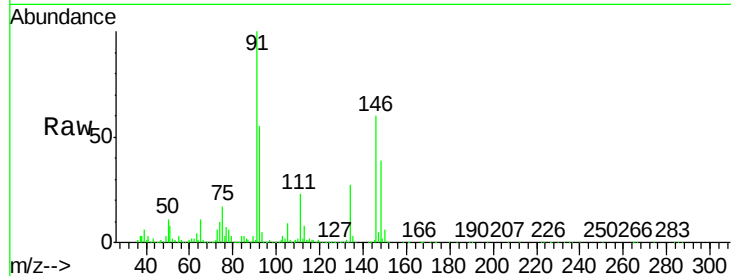
ClientSampleId :

VX0316WBSD01

Tot Ion:	146	Resp:	135638
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.9	59.7
148	63.6	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.601 ug/l

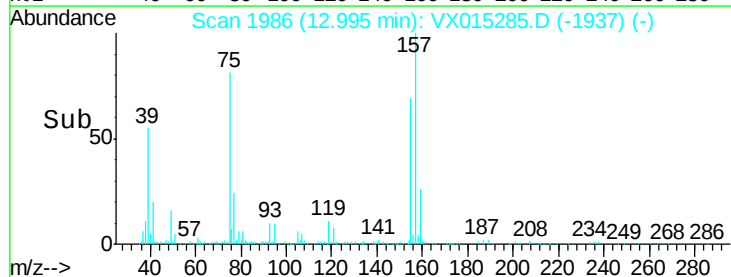
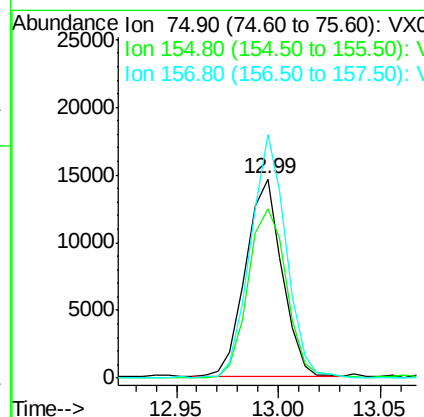
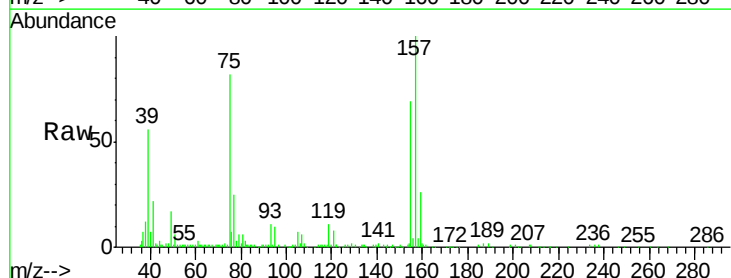
RT: 12.99 min Scan# 1986

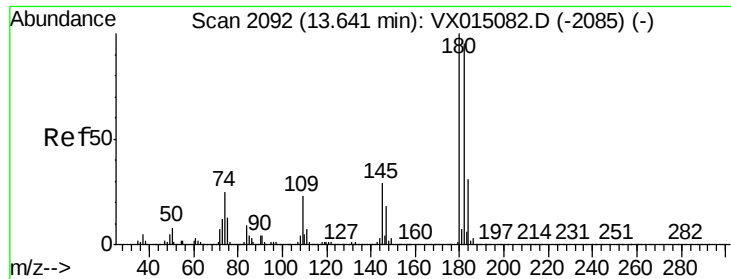
Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	75	Resp:	18191
Ion Ratio	Lower	Upper	
75	100		
155	90.8	46.6	139.7
157	120.3	59.2	177.5





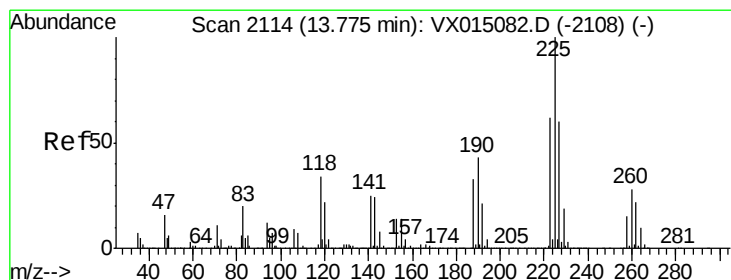
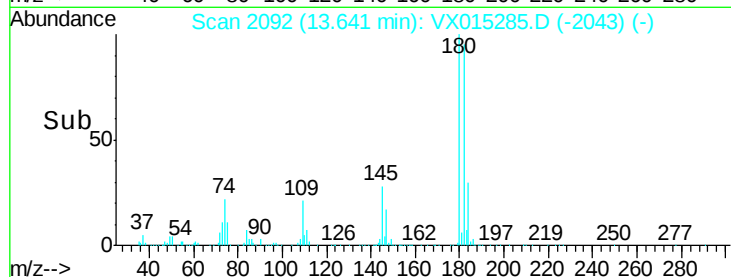
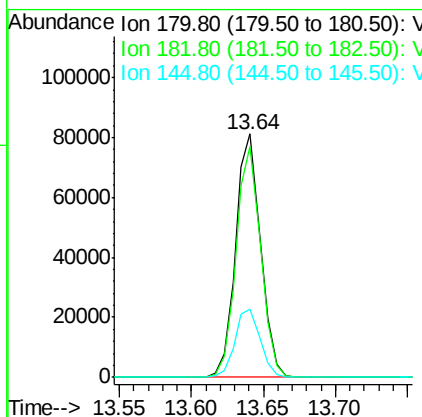
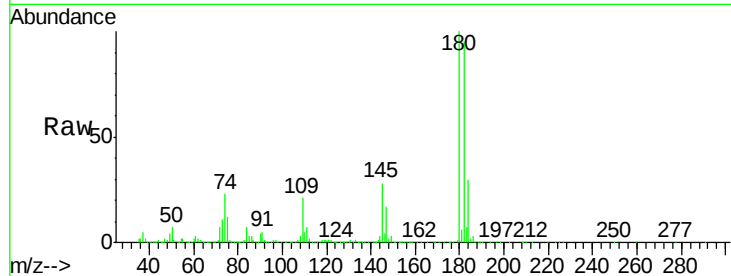
#93
 1,2,4-Trichlorobenzene
 Concen: 19.791 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98055		
182	94.1	47.6	142.8	
145	28.8	14.1	42.2	

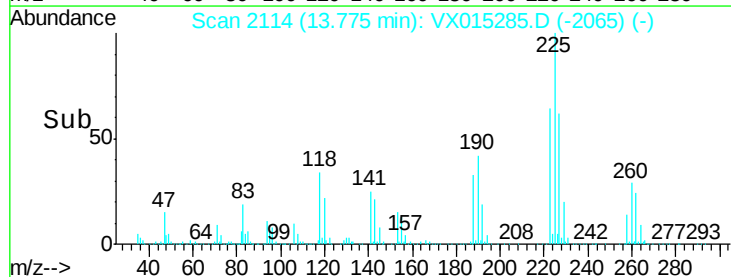
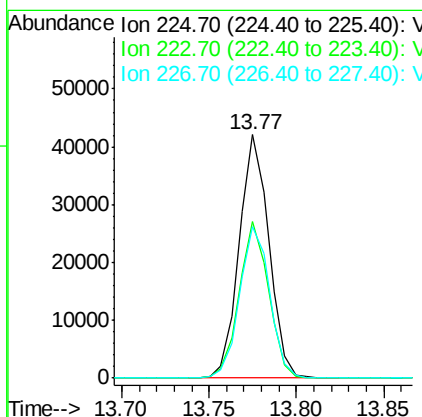
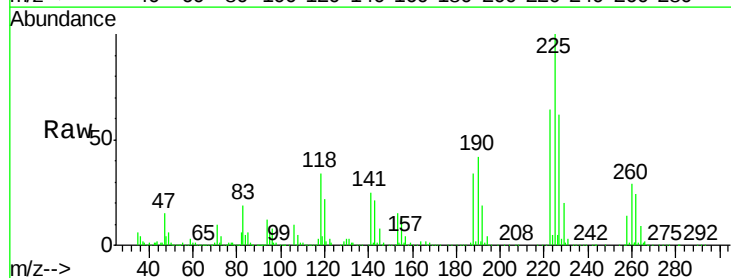
Manual Integrations
 APPROVED

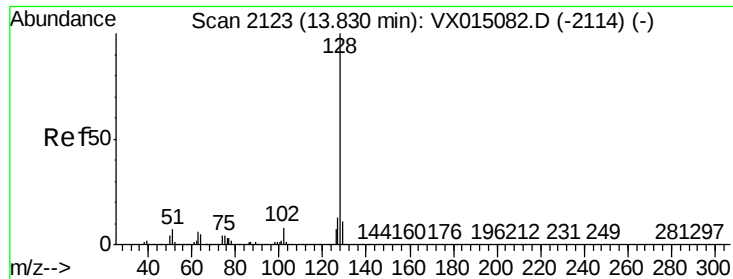
MMDadoda
 3/17/2020 12:11:21 PM



#94
 Hexachlorobutadiene
 Concen: 19.547 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015285.D
 Acq: 16 Mar 2020 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49697		
223	63.7	31.3	93.9	
227	63.2	31.1	93.2	





#95

Naphthalene

Concen: 19.072 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Instrument :

MSVOA_X

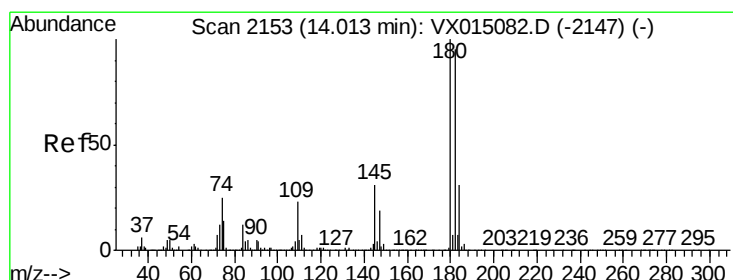
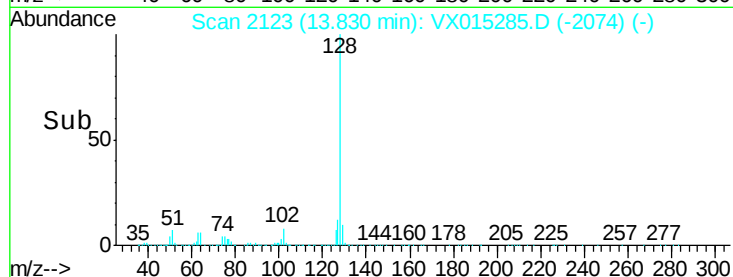
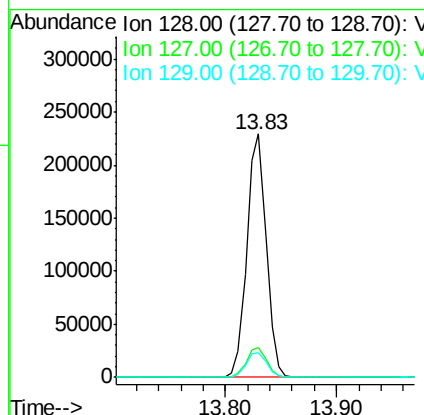
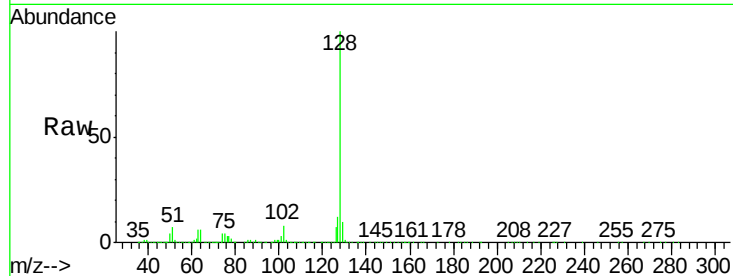
ClientSampleId :

VX0316WBSD01

Tot Ion:	128	Resp:	275873
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/17/2020 12:11:21 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.777 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015285.D

Acq: 16 Mar 2020 11:49

Tgt Ion:	180	Resp:	97765
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.8	143.4
145	29.5	15.1	45.3

